

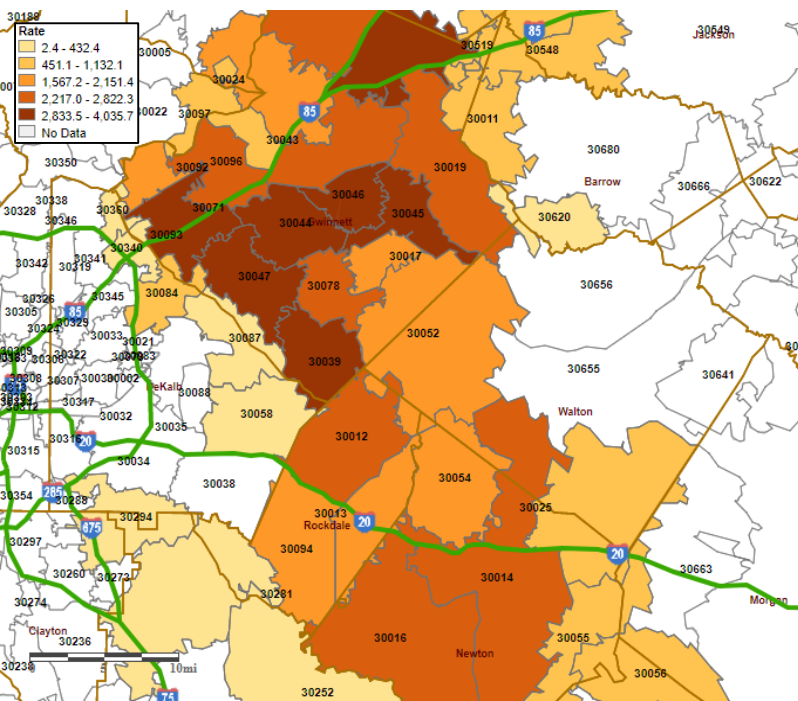
# Gwinnett, Newton, & Rockdale County Health Departments



## COVID-19 Snapshot, data as of 9am September 14, 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 September 14, 2020



COVID-19 Cases & Deaths*				
	Confirmed cases	Presumptive Cases	Total Cases†	No. Deaths
Gwinnett County	25,517	1,068	26,678	378
Newton County	2,415	183	2,598	76
Rockdale County	1,739	64	1,803	32
<b>Total</b>	<b>28,772</b>	<b>1,408</b>	<b>31,079</b>	<b>486</b>
Illness Characteristics*† N=31,079; n=486				
	Among all Cases		Among Deaths	
Gender				
Male	14,089 (45%)		236 (49%)	
Female	16,186 (52%)		250 (51%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	2,975 (10%)		378 (78%)	
Total with Underlying Conditions	5,789 (62%)**		359 (99%)**	
Underlying Conditions unknown	21,787		123	

Total Cases & Deaths by Race\*† N = 31,079; Total Deaths n=486

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
<b>Asian</b>	<b>1,132 (3.64%)</b>	<b>30 (6.17%)</b>	<b>White</b>	<b>9,694 (31.19%)</b>	<b>255 (52.47%)</b>
Hispanic/Latino	10 (0.04%)	0 (0%)	Hispanic/Latino	4,371 (14.06%)	46 (9.47%)
Non-Hispanic/ Latino	896 (2.88%)	29 (5.97%)	Non-Hispanic/ Latino	4,433 (14.26%)	208 (42.80%)
Not Specified	226 (0.73%)	<5 (0.21%)	Not Specified	890 (2.86%)	<5 (0.21%)
<b>Black</b>	<b>5,507 (17.72%)</b>	<b>144 (29.63%)</b>	<b>Other</b>	<b>2,676 (8.61%)</b>	<b>43 (8.85%)</b>
Hispanic/Latino	109 (0.35%)	<5 (0.21%)	Hispanic/Latino	1,814 (5.84%)	43 (8.85%)
Non-Hispanic/ Latino	4,556 (14.66%)	142 (29.22%)	Non-Hispanic/ Latino	306 (0.98%)	0 (0%)
Not Specified	842 (2.71%)	<5 (0.21%)	Not Specified	556 (1.79%)	0 (0%)
<b>Native Hawaiian/Pacific Islander</b>	<b>35 (0.11%)</b>	<b>&lt;5 (0.41%)</b>	<b>Unknown</b>	<b>12,007 (38.63%)</b>	<b>11 (2.26%)</b>
Hispanic/Latino	7 (0.02%)	0 (0%)	Hispanic/Latino	1,319 (4.24%)	<5 (0.82%)
Non-Hispanic/ Latino	20 (0.06%)	<5 (0.41%)	Non-Hispanic/ Latino	351 (1.13%)	<5 (0.41%)
Not Specified	8 (0.03%)	0 (0%)	Not Specified	10,337 (33.26%)	5 (1.03%)
<b>American Indian/Alaskan Native</b>	<b>28 (0.09%)</b>	<b>&lt;5 (0.21%)</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	<5 (0.01%)	0 (0%)			
Non-Hispanic/ Latino	20 (0.06%)	<5 (0%)			
Not Specified	6 (0.02%)	0 (0%)			

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

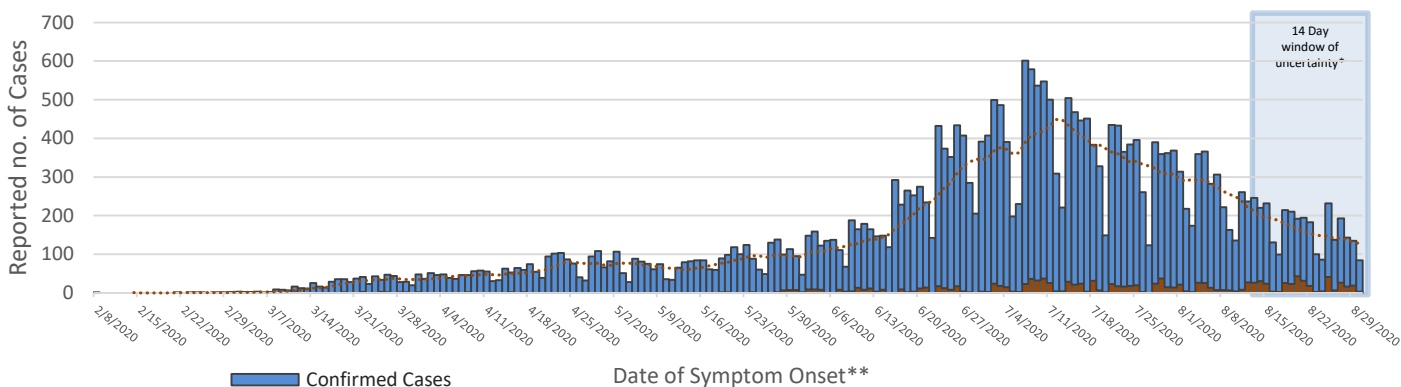


## COVID-19 Snapshot, data as of 9am September 14, 2020

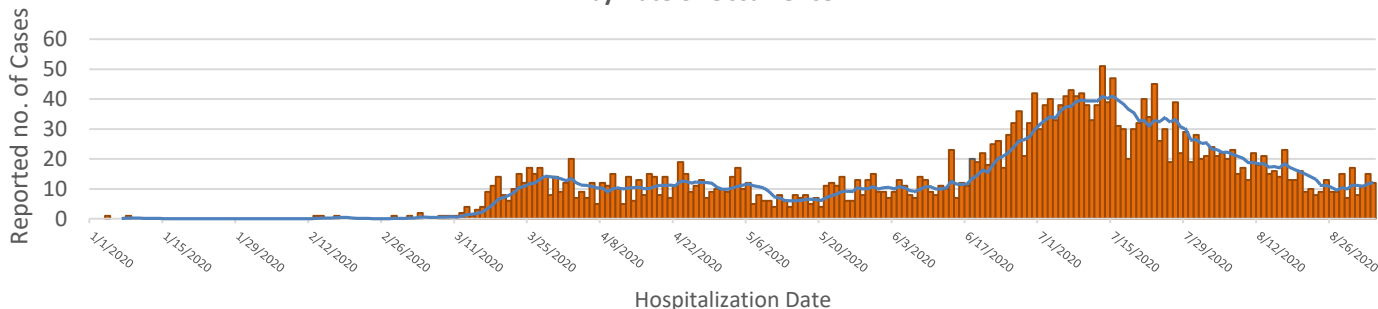
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

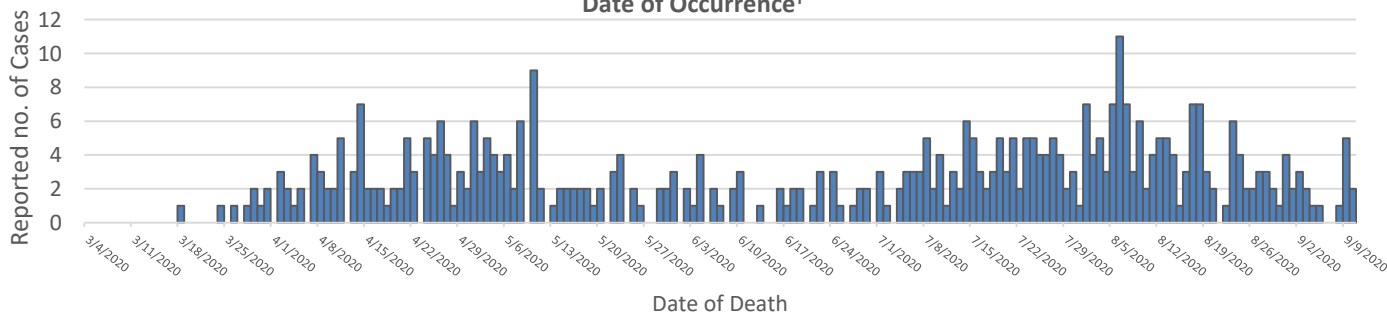
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 9/14/2020<sup>†</sup>



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>



\*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.

\*\*For individuals missing symptom onset date, date of first positive specimen collection was used

† 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.

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	7,893 (10.3%)	23,716 (11.4%)	2,237 (10.2%)	1,698 (8.5%)	269,415 (10.3%)
Negative Tests	68,387 (89.5%)	183,812 (88.6%)	19,802 (89.8%)	18,221 (91.5%)	2,345,832 (89.7%)
Total Tests	76,946*	207,528	22,039	19,919	2,615,247

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 9/14/20.\*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 9/6/2020-9/13/2020

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	433 (6.8%)	55 (9.4%)	33 (5.8%)
Negative Tests	5,900 (93.2%)	529 (90.6%)	540 (94.2%)
Total Tests	6,333	584	573

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 9/14/20 3pm.

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=2,014; Week 8/29/20-9/11/20												
County	City	Zip	# of Cases	Case Rate	% Change	County	City	Zip	# of cases	Case Rate	% Change	
Gwinnett	Auburn	30011	7	45.37	-65.0	Gwinnett	Buford	30518	112	197.57	-20.00	
	Grayson	30017	5	143.35	-18.60				30519	116	293.01	-27.66
	Dacula	30019	185	375.54	-21.61			Bethlehem	30620	9	65.96	12.50
	Suwanee	30024	105	135.77	-19.85			Hoschton	30548	17	91.25	-15.00
	Snellville	30039	53	114.90	-45.36	Newton	Covington	30014	71	184.68	-16.47	
		30078	59	164.69	-4.84				30016	67	123.52	-34.95
	Lawrenceville	30043	168	185.28	-15.15			Social Circle	30025	5	53.72	-28.57
		30044	200	227.17	-24.24			Oxford	30054	35	294.02	-7.89
		30045	92	228.98	-21.37			Mansfield	30055	<5	90.74	-57.14
		30046	57	153.15	-9.52			Newborn	30056	<5	45.11	-88.89
	Lilburn	30047	115	175.79	-3.36	Rockdale		30012	27	97.81	19.51	
	Loganville	30052	49	74.29	-14.04			Conyers	30013	49	185.83	-16.47
	Norcross	30071	37	146.72	-17.78				30094	35	100.21	-14.63
		30092	58	163.75	-6.45			Lithonia	30058	0	0	0
		30093	70	127.03	-27.08			McDonough	30252	<5	4.32	0
	Tucker	30084	14	36.38	-6.67			Ellenwood	30294	0	0	0
	Stone Mountain	30087	10	25.00	-9.09			Stockbridge	30281	<5	4.32	0
	Duluth	30096	76	111.83	-24.00		Overall 14-day Case Rates per 100,000					
		30097	36	76.75	9.09	Georgia	-	-	-	249	-	
	Atlanta	30340	<5	14.27	-20.00	Gwinnett	-	-	-	177	-	
		30360	0	0.00	0.00	Newton	-	-	-	150	-	
	Braselton	30517	13	88.69	0	Rockdale	-	-	-	129	-	
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												

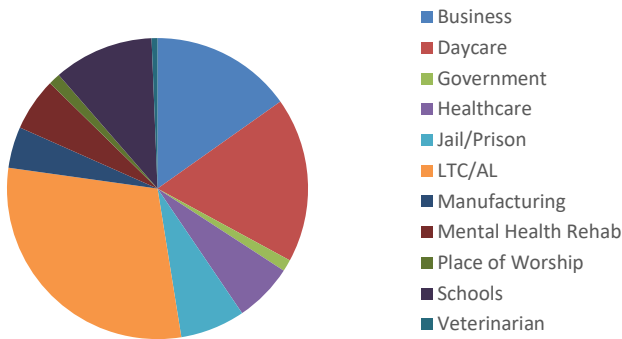
# Epidemiology Overview for Outbreaks



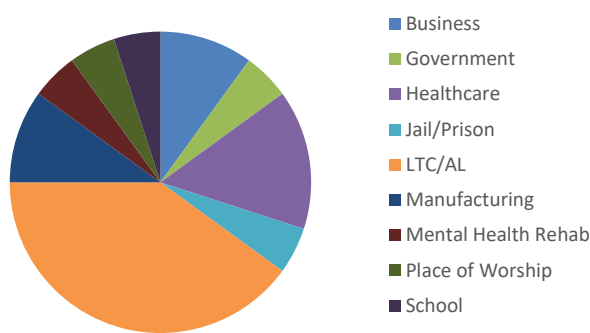
## COVID-19 Snapshot, data as 3pm September 14, 2020

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.

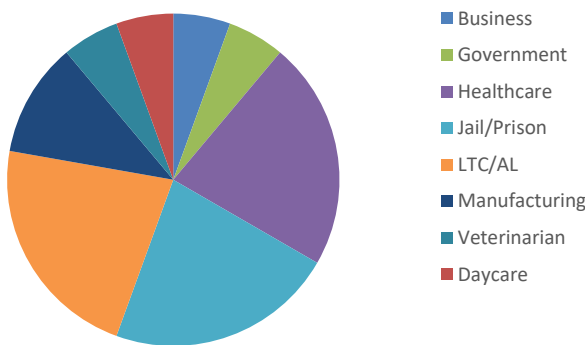
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County

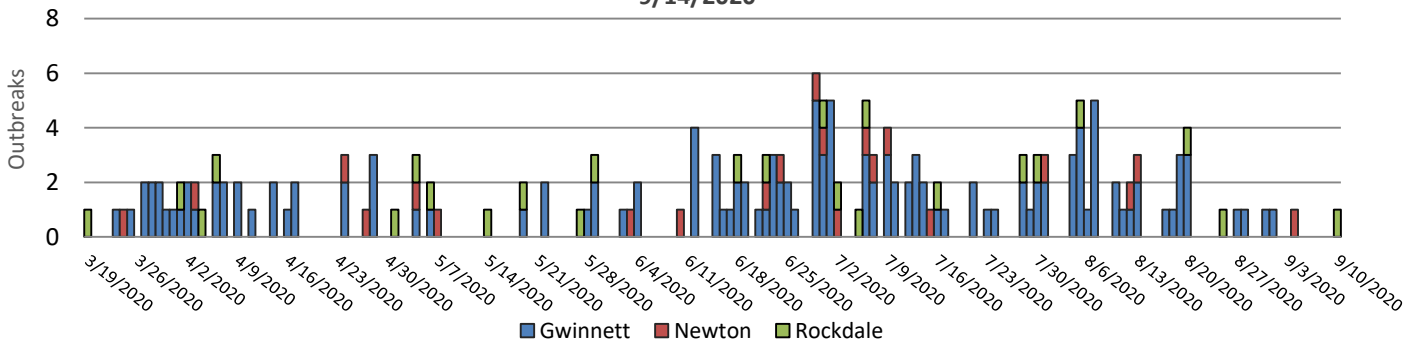


Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=196			
Facility Type	Gwinnett n=158	Newton n=20	Rockdale n=18
Business	15.19%	10.00%	11.76%
Government	1.27%	5.00%	5.88%
Daycare	17.72%	0%	0%
Healthcare	6.33%	15.00%	23.53%
Jail/Prison	6.96%	5.00%	23.53%
LTC/AL	29.75%	40.00%	23.53%
Manufacturing	4.43%	10.00%	5.88%
Mental Health Rehab	5.70%	5.00%	0%
Place of Worship	1.27%	5.00%	0%
Schools	10.76%	5.00%	0%
Veterinarian	0.63%	0%	5.88%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 9/14/2020



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 Gwinnett County

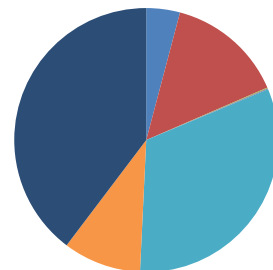
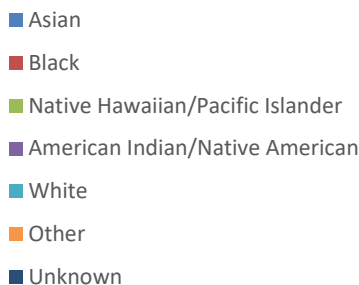


## COVID-19 Snapshot, data as of 9am September 14, 2020

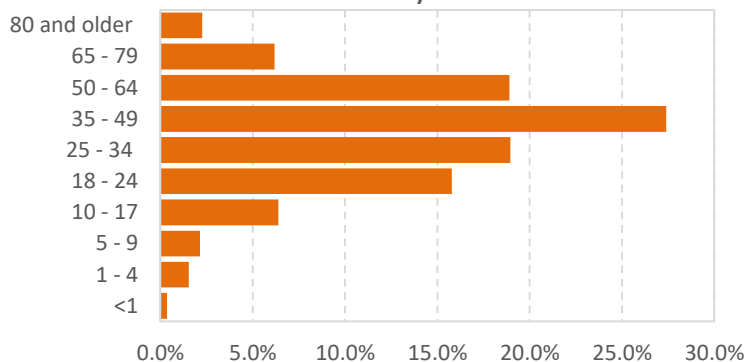
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 3.4% increase in newly confirmed COVID-19 Cases between the week of **8/31/20 – 9/6/2020 (n=25,805)** and **9/6/20 – 9/14/2020 (n=26,678)**.

### Race Distribution of Cases in Gwinnett County



### Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	No. Deaths
Outbreak	1,003	16	1,019	136
Total	25,517	1,161	26,678	378
Illness Characteristics*† N=26,678; n=378				
	Among all Cases		Among Deaths	
Gender				
Male	12,218 (46%)		184 (49%)	
Female	13,753 (52%)		194 (51%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	2,530 (9%)		306 (81%)	
Total with Underlying Conditions	4,819 (62%)**		294 (99%)**	
Underlying Conditions unknown	18,867		81	

Total Cases & Deaths by Race*† N = 26,678; Total Deaths n=378					
	Among all Cases		Among Deaths		
<b>Asian</b>	<b>1,098 (4.12%)</b>		<b>30 (7.94%)</b>		<b>White</b>
Hispanic/Latino	10 (0.04%)		0 (0%)		8,551 (32.05%)
Non-Hispanic/ Latino	867 (3.14%)		29 (7.67%)		Hispanic/Latino
Not Specified	221 (0.77%)		<5 (0.26%)		4,097 (15.36%)
<b>Black</b>	<b>3,836 (14.22%)</b>		<b>95 (25.13%)</b>		Non-Hispanic/ Latino
Hispanic/Latino	93 (0.35%)		<5 (0.26%)		3,659 (13.72%)
Non-Hispanic/ Latino	3,137 (11.76%)		94 (24.87%)		Not Specified
Not Specified	560 (2.27%)		0 (0%)		795 (2.798%)
<b>Native Hawaiian/Pacific Islander</b>	<b>33 (0.12%)</b>		<b>&lt;5 (0.53%)</b>		<b>Other</b>
Hispanic/Latino	7 (0.03%)		0 (0%)		2,547 (9.55%)
Non-Hispanic/ Latino	18 (0.07%)		<5 (0.53%)		Hispanic/Latino
Not Specified	8 (0.03%)		0 (0%)		1,753 (6.57%)
<b>American Indian/Alaskan Native</b>	<b>24 (0.09%)</b>		<b>0 (0%)</b>		Non-Hispanic/ Latino
Hispanic/Latino	<5 (<0.01%)		0 (0%)		289 (1.08%)
Non-Hispanic/Latino	18 (0.07%)		0 (0%)		Not Specified
Not Specified	5 (0.02%)		0 (0%)		505 (1.89%)
					<b>Unknown</b>
					10,589 (39.69%)
					Hispanic/Latino
					1,273 (4.77%)
					Non-Hispanic/ Latino
					314 (1.18%)
					Not Specified
					9,002 (33.74%)

\*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 September 14, 2020

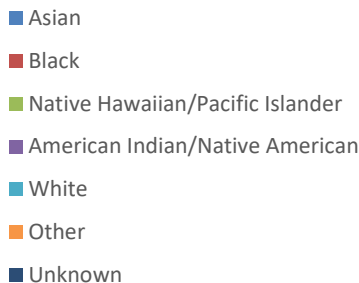


Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

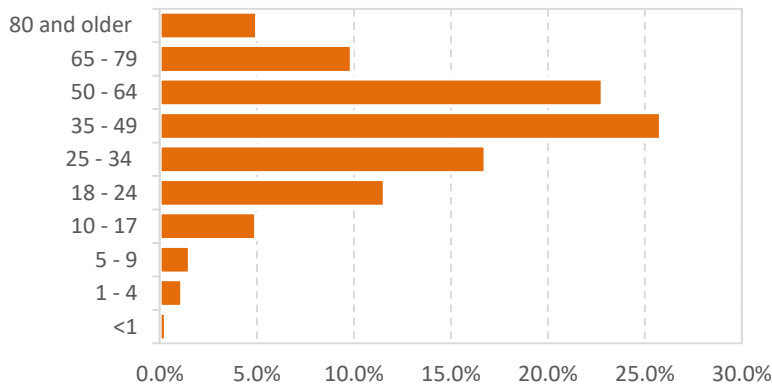
In Newton County there has been a 7.4% increase in newly confirmed COVID-19 Cases between the week of 8/31/20 – 9/6/20 (n=2,407) and 9/6/20 – 9/14/20 (n=2,537).

COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† No. Deaths
Outbreak	192	3	195 33
Total	2,415	183	2,598 76
Illness Characteristics*† N=2,598; n=76			
	Among all Cases	Among Deaths	
Gender			
Male	1,095 (42%)	35 (46%)	
Female	1,447 (56%)	41 (54%)	
Median Age (years)	44	80	
Age range (years)	0 – 100	50 - 96	
Total Hospitalizations	248 (10%)	45 (59%)	
Total with Underlying Conditions	534 (64%)**	38 (97%)**	
Underlying Conditions unknown	1,765	37	

### Race Distribution of Cases in Gwinnett County



### Age Distribution for Newton County



Total Cases & Deaths by Race*† N = 2,598; Total Deaths n=76					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
<b>Asian</b>	<b>11 (0.42%)</b>	<b>0 (0%)</b>	<b>White</b>	<b>778 (29.95%)</b>	<b>44 (57.89%)</b>
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	128 (4.93%)	0 (0%)
Non-Hispanic/ Latino	9 (0.35%)	0 (0%)	Non-Hispanic/ Latino	581 (22.36%)	44 (57.89%)
Not Specified	<5 (0.08%)	0 (0%)	Not Specified	69 (2.66%)	0 (0%)
<b>Black</b>	<b>898 (34.57%)</b>	<b>29 (35.38%)</b>	<b>Other</b>	<b>61 (2.35%)</b>	<b>0 (0%)</b>
Hispanic/Latino	9 (0.35%)	0 (0%)	Hispanic/Latino	25 (0.96%)	0 (0%)
Non-Hispanic/ Latino	761 (29.29%)	29 (35.38%)	Non-Hispanic/ Latino	6 (0.23%)	0 (0%)
Not Specified	128 (4.93%)	0 (0%)	Not Specified	30 (1.15%)	0 (0%)
<b>Native Hawaiian/Pacific Islander</b>	<b>0 (0%)</b>	<b>0 (0%)</b>	<b>Unknown</b>	<b>847 (33.60%)</b>	<b>&lt;5 (2.63%)</b>
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	18 (0.69%)	0 (0%)
Non-Hispanic/ Latino	0 (0%)	0 (0%)	Non-Hispanic/ Latino	31 (1.19%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	798 (32.72%)	<5 (2.63%)
<b>American Indian/Alaskan Native</b>	<b>&lt;5 (0.12%)</b>	<b>&lt;5 (1.32%)</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	<5 (0.04%)	0 (0%)			
Non-Hispanic/Latino	<5 (0.04%)	<5 (1.32%)			
Not Specified	<5 (0.04%)	0 (0%)			

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 September 14, 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 3.0% increase in newly confirmed COVID-19 Cases between the week of **8/31/2020 – 9/6/2020 (n=1,751)** and **9/6/2020 – 9/14/2020 (n=1,803)**.

### COVID-19 Cases & Deaths\*

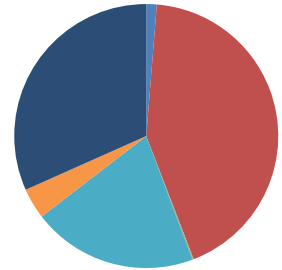
	Confirmed Cases	Presumptive Cases	Total Cases†	No. Deaths
Outbreak	84	2	86	2
Total	1,739	64	1,803	32

### Illness Characteristics\*† N=1,803; n=32

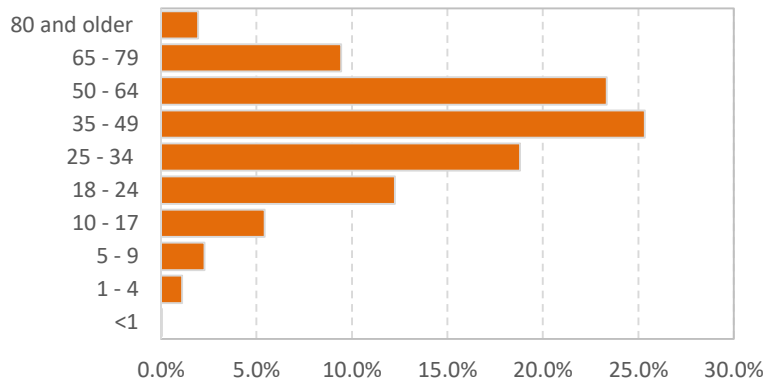
	Among all Cases	Among Deaths
Gender		
Male	776 (43%)	17 (53%)
Female	986 (55%)	15 (47%)
Median Age (years)	41	69
Age range (years)	0 – 103	27 - 93
Total Hospitalizations	197 (11%)	27 (84%)
Total with Underlying Conditions	436 (67%)**	27 (100%)**
Underlying Conditions unknown	1,155	5

## Race Distribution of Cases in Gwinnett County

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



## Age Distribution for Rockdale County



### Total Cases & Deaths by Race\*† N = 1,803; Total Deaths n=32

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
<b>Asian</b>	<b>23 (1.28%)</b>	<b>0 (0%)</b>	<b>White</b>	<b>365 (20.24%)</b>	<b>11 (36.38%)</b>
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	146 (8.10%)	<5 (6.25%)
Non-Hispanic/ Latino	20 (1.11%)	0 (0%)	Non-Hispanic/ Latino	193 (10.70%)	9 (28.13%)
Not Specified	<5 (0.17%)	0 (0%)	Not Specified	26 (1.44%)	0 (0%)
<b>Black</b>	<b>773 (42.87%)</b>	<b>20 (60.50%)</b>	<b>Other</b>	<b>68 (3.77%)</b>	<b>1 (3.13%)</b>
Hispanic/Latino	7 (0.39%)	0 (0%)	Hispanic/Latino	36 (2.00%)	1 (3.13%)
Non-Hispanic/ Latino	658 (36.49%)	19 (57.38%)	Non-Hispanic/ Latino	11 (0.61%)	0 (0%)
Not Specified	108 (5.99%)	1 (3.13%)	Not Specified	21 (1.16%)	0 (0%)
<b>Native Hawaiian/Pacific Islander</b>	<b>&lt;5 (0.11%)</b>	<b>0 (0%)</b>	<b>Unknown</b>	<b>571 (31.67%)</b>	<b>0 (0%)</b>
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	28 (1.55%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.11%)	0 (0%)	Non-Hispanic/ Latino	6 (0.33%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	537 (29.78%)	0 (0%)
<b>American Indian/Alaskan Native</b>	<b>&lt;5 (0.06%)</b>	<b>0 (0%)</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 (0.06%)	0 (0%)			
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.