

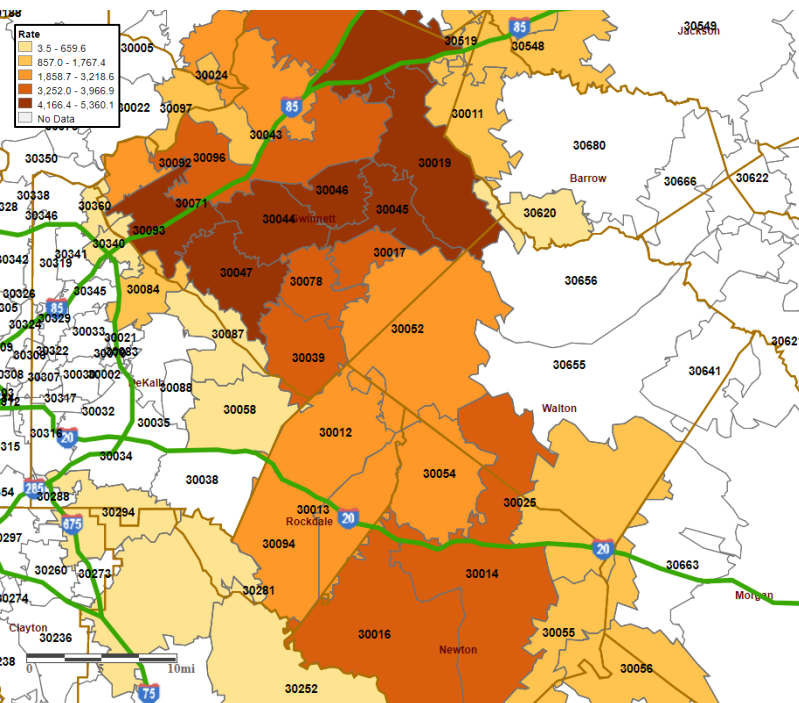
# Gwinnett, Newton, & Rockdale County Health Departments



## COVID-19 Snapshot, data as of 9am November 23, 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 November 23, 2020



COVID-19 Cases & Deaths*				
	Confirmed cases	Presumptive Cases	Total Cases†	Total Deaths†
Gwinnett County	34,760	2,910	37,670	504
Newton County	3,231	434	3,665	109
Rockdale County	2,437	174	2,611	51
<b>Total</b>	<b>40,428</b>	<b>3,518</b>	<b>43,946</b>	<b>664</b>
Illness Characteristics*† N=43,946 n=664				
	Among all Cases		Among Deaths	
Gender				
Male	20,086 (46%)		328 (49%)	
Female	23,224 (53%)		336 (51%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	3,713 (8%)		498 (75%)	
Total with Underlying Conditions	8,596 (55%)**		484 (99%)**	
Underlying Conditions unknown	28,430		174	

### Total Cases & Deaths by Race\*† N = 43,946; Total Deaths n=664

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
<b>Asian</b>	<b>2,048 (4.66%)</b>	<b>40 (6.02%)</b>	<b>White</b>	<b>15,699 (35.72%)</b>	<b>360 (54.22%)</b>
Hispanic/Latino	17 (0.04%)	0 (0%)	Hispanic/Latino	5,668 (12.90%)	66 (9.94%)
Non-Hispanic/ Latino	1,626 (3.70%)	40 (6.02%)	Non-Hispanic/ Latino	8,578 (19.52%)	293 (44.13%)
Not Specified	405 (0.92%)	0 (0%)	Not Specified	1,453 (3.31%)	<5 (0.15%)
<b>Black</b>	<b>9,565 (21.77%)</b>	<b>199 (29.97%)</b>	<b>Other</b>	<b>3,567 (8.12%)</b>	<b>58 (8.73%)</b>
Hispanic/Latino	197 (0.45%)	<5 (0.15%)	Hispanic/Latino	2,392 (5.44%)	54 (8.13%)
Non-Hispanic/ Latino	8,068 (18.36%)	197 (29.67%)	Non-Hispanic/ Latino	483 (1.10%)	<5 (0.60%)
Not Specified	1,300 (2.96%)	<5 (0.15%)	Not Specified	692 (1.57%)	0 (0%)
<b>Native Hawaiian/Pacific Islander</b>	<b>52 (0.12%)</b>	<b>&lt;5 (0.30%)</b>	<b>Unknown</b>	<b>12,963 (29.50%)</b>	<b>&lt;5 (0.45%)</b>
Hispanic/Latino	11 (0.03%)	0 (0%)	Hispanic/Latino	1,906 (4.34%)	<5 (0.15%)
Non-Hispanic/ Latino	33 (0.08%)	<5 (0.30%)	Non-Hispanic/ Latino	596 (1.36%)	<5 (0.15%)
Not Specified	8 (0.02%)	0 (0%)	Not Specified	10,461 (23.80%)	<5 (0.15%)
<b>American Indian/Alaskan Native</b>	<b>52 (0.12%)</b>	<b>&lt;5 (0.30%)</b>	*Data Source: GA DPH, State Electronic Disease Surveillance System		
Hispanic/Latino	9 (0.02%)	0 (0%)	**Among patients with underlying conditions information available		
Non-Hispanic/ Latino	31 (0.07%)	<5 (0.30%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Not Specified	12 (0.03%)	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

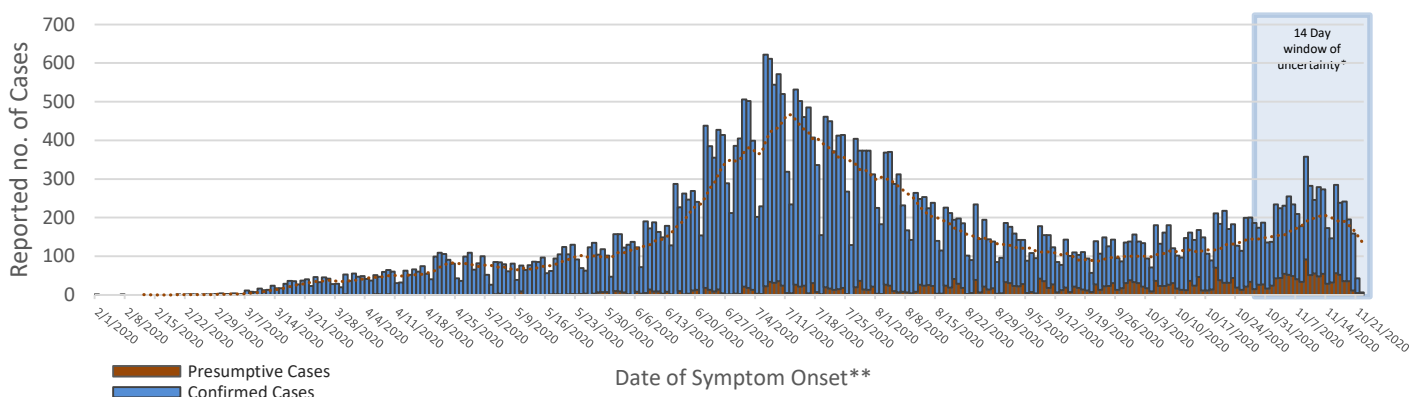


## COVID-19 Snapshot, data as of 9am November 23, 2020

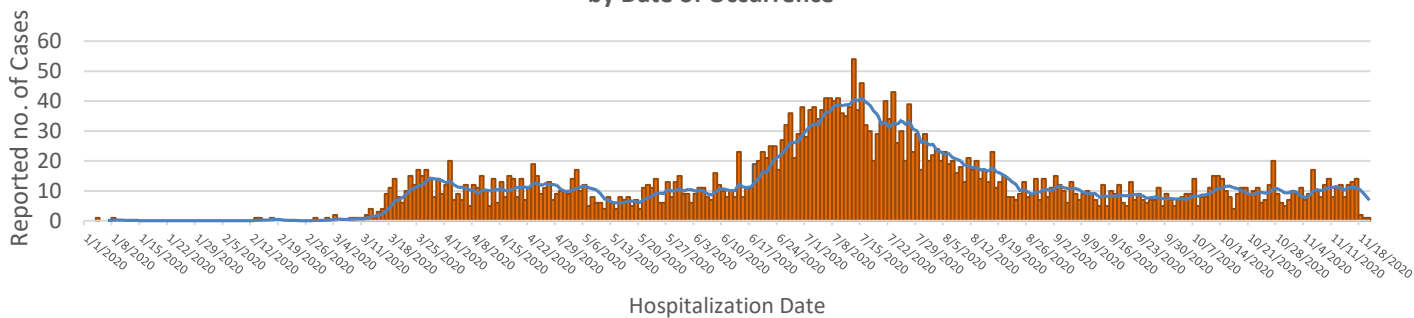
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

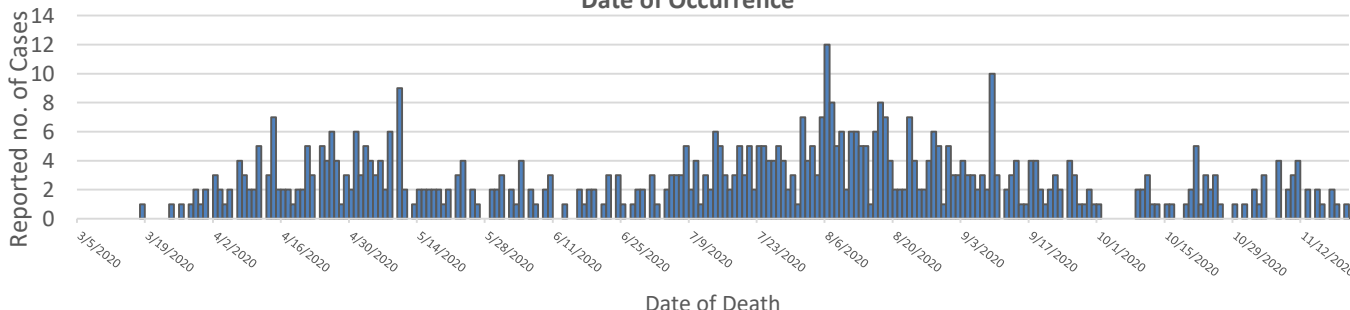
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 11/23/2020<sup>†</sup>



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, 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 – 11/23/2020).

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	9,092 (9.6%)	31,995 (9.5%)	3,040 (9.1%)	2,424 (8.2%)	380,636 (9.2%)
Negative Tests	85,547 (90.2%)	304,897 (90.5%)	30,404 (91.9%)	27,054 (91.8%)	3,758,873 (90.8%)
Total Tests	95,628*	336,892	33,444	29,478	4,139,509

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 11/23/20.\*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 11/14/2020-11/20/2020

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	1,277 (8.4%)	123 (10.0%)	108 (8.7%)
Negative Tests	13,884 (91.6%)	1,108 (90.0%)	1,132 (91.3%)
Total Tests	15,161	1,231	1,240

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 11/23/20 5pm.

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=3,075; Week 11/07/20 – 11/20/20†										
County	Zip	# of Cases	Case Rate	% Change	County	Zip	# of cases	Case Rate	% Change	
Gwinnett	30011	22	142.60	0.00	Gwinnett	30518	180	317.53	7.78	
	30017	73	298.98	0.00		30519	173	372.72	4.85	
	30019	180	365.39	7.78		30548	22	118.09	-4.35	
	30024	159	205.60	22.31		30620	10	73.29	-9.09	
	30039	167	362.05	32.54	Newton	30014	85	221.10	11.84	
	30043	330	363.94	16.61		30016	150	276.54	14.50	
	30044	302	343.03	17.51		30025	11	118.18	37.50	
	30045	148	368.35	8.82		30054	17	73.29	21.43	
	30046	109	292.87	9.00		30055	7	221.10	-22.22	
	30047	177	270.56	16.45		30056	<5	135.32	0.00	
	30052	113	171.32	18.95	Rockdale	30012	65	235.46	-13.33	
	30071	85	337.06	10.39		30013	66	250.30	10.00	
	30078	103	287.52	13.19		30058	0	0.00	-	
	30084	33	85.75	10.00		30094	80	229.04	-4.76	
	30087	27	67.49	-3.57		30252	0	0.00	-	
	30092	131	369.86	43.96		30281	<5	2.96	100.00	
	30093	145	263.12	22.88		30294	0	0.00	-	
	30096	205	301.65	75.21	Overall 14-day Case Rates per 100,000					
	30097	65	138.58	14.04	Georgia	-	-	38,945	371.00	17.03
	30340	22	78.49	83.33	Gwinnett	-	-	3,142	338.00	15.75
	30360	9	56.51	125.00	Newton	-	-	312	285.00	12.20
					Rockdale	-	-	223	246.00	-2.38
30517	9	61.40	-30.77	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

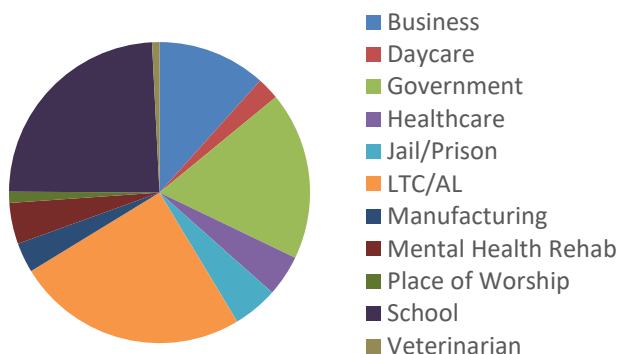
# Epidemiology Overview for Outbreaks



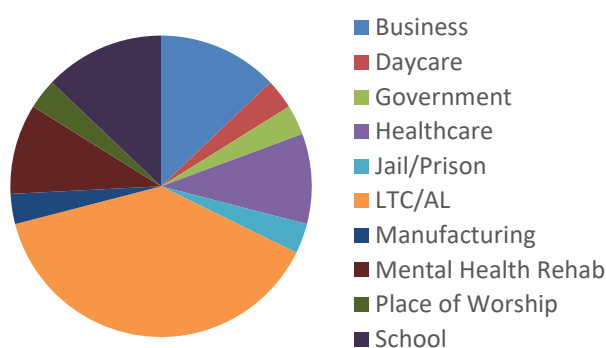
## COVID-19 Snapshot, data as 12pm November 23, 2020

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.

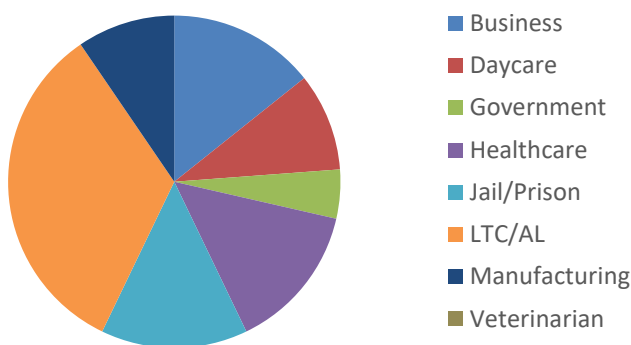
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County



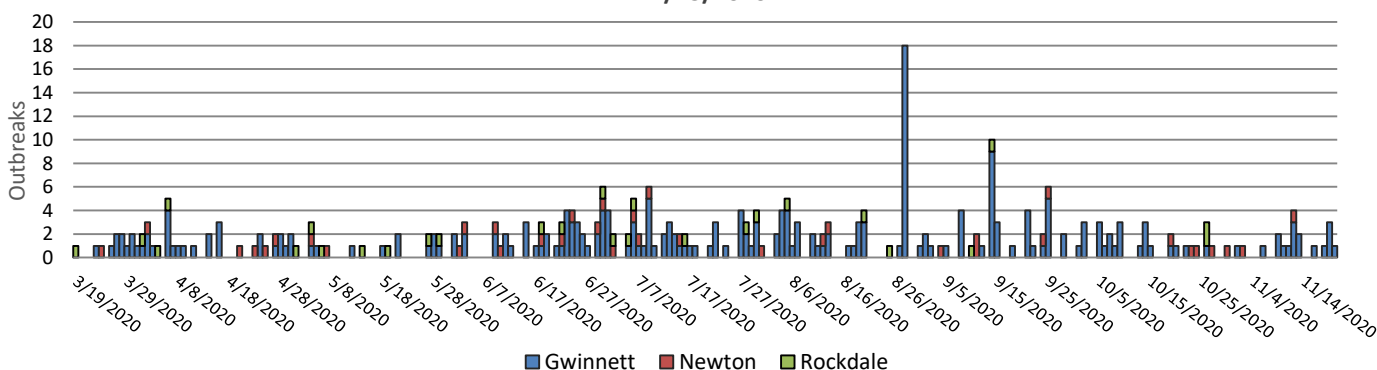
Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=303

Facility Type	Gwinnett n=249	Newton n=31	Rockdale n=23
Business	11.65%	12.90%	13.04%
Government	2.41%	3.23%	4.35%
Daycare	18.07%	3.23%	8.70%
Healthcare	4.42%	9.68%	13.04%
Jail/Prison	4.82%	3.23%	13.04%
LTC/AL	24.90%	38.71%	30.43%
Manufacturing	3.21%	3.23%	8.70%
Mental Health Rehab	4.42%	9.68%	4.35%
Place of Worship	1.20%	3.23%	0%
Schools	24.10%	12.90%	0%
Veterinarian	0.80%	0%	4.35%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 11/23/2020



# Epidemiology Overview for Gwinnett County

## COVID-19 Snapshot, data as of 9am November 23, 2020

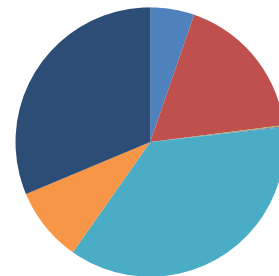
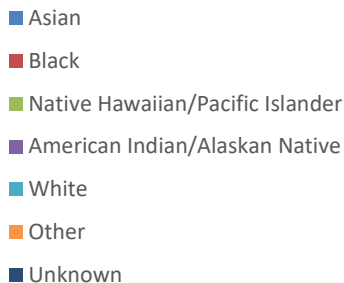


Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

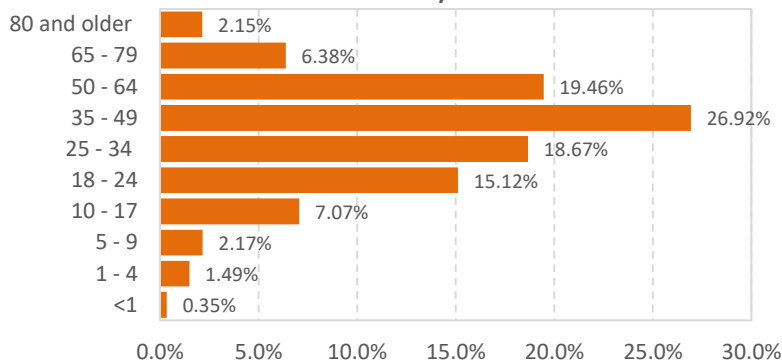
In Gwinnett County there has been a 5.7% increase in newly confirmed COVID-19 Cases between the week of **11/9/20 – 11/16/2020 (n=35,653)** and **11/16/20 – 11/23/2020 (n=37,670)**.

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	1,507	104	1,611	172
Total	34,760	2,910	37,670	504
Illness Characteristics*† N=37,670; n=504				
	Among all Cases		Among Deaths	
Gender				
Male	17,377 (46%)		255 (51%)	
Female	19,743 (52%)		249 (49%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	3,032 (8%)		400 (79%)	
Total with Underlying Conditions	7,071 (54%)**		389 (99%)**	
Underlying Conditions unknown	24,598		111	

### Race Distribution of Cases in Gwinnett County



### Age Distribution of Cases in Gwinnett County



Total Cases & Deaths by Race*† N = 37,670; Total Deaths n=504					
	Among all Cases		Among Deaths		
<b>Asian</b>	<b>1,993 (5.29%)</b>		<b>40 (7.94%)</b>		<b>White</b>
Hispanic/Latino	17 (0.05%)		0 (0%)		13,750 (36.50%)
Non-Hispanic/ Latino	1,582 (4.20%)		40 (7.94%)		271 (53.77%)
Not Specified	394 (1.05%)		0 (0%)		Hispanic/Latino
<b>Black</b>	<b>6,669 (17.70%)</b>		<b>132 (26.19%)</b>		5,331 (14.15%)
Hispanic/Latino	169 (0.45%)		<5 (0.20%)		Non-Hispanic/ Latino
Non-Hispanic/ Latino	5,626 (14.93%)		131 (25.99%)		7,168 (19.03%)
Not Specified	874 (2.32%)		0 (0%)		Not Specified
<b>Native Hawaiian/Pacific Islander</b>	<b>50 (0.13%)</b>		<b>&lt;5 (0.40%)</b>		1,251 (3.32%)
Hispanic/Latino	11 (0.03%)		0 (0%)		Other
Non-Hispanic/ Latino	31 (0.08%)		<5 (0.40%)		3,372 (8.95%)
Not Specified	8 (0.02%)		0 (0%)		Hispanic/Latino
<b>American Indian/Alaskan Native</b>	<b>42 (0.11%)</b>		<b>0 (0%)</b>		2,295 (6.09%)
Hispanic/Latino	8 (0.02%)		0 (0%)		Non-Hispanic/ Latino
Non-Hispanic/Latino	24 (0.06%)		0 (0%)		446 (1.18%)
Not Specified	10 (0.03%)		0 (0%)		Not Specified
					631 (1.68%)
					Unknown
					11,794 (31.31%)
					<5 (0.40%)
					Hispanic/Latino
					1,828 (4.85%)
					Non-Hispanic/ Latino
					495 (1.31%)
					Not Specified
					9,471 (25.14%)
					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 Newton County

## COVID-19 Snapshot, data as of 9am November 23, 2020

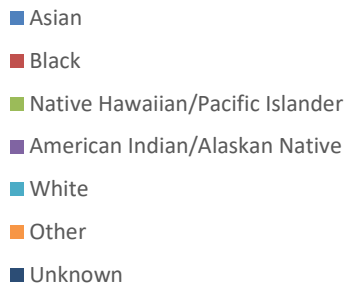


Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

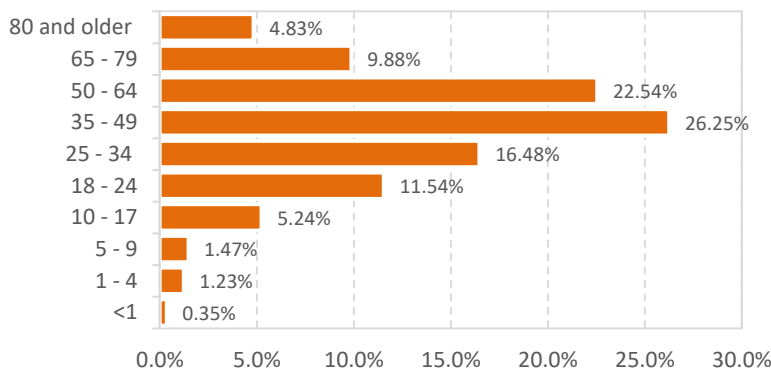
In Newton County there has been a 5.9% increase in newly confirmed COVID-19 Cases between the week of 11/9/20 – 11/16/20 (n=3,462) and 11/16/20 – 11/23/20 (n=3,665).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	327	33	334	54
Total	3,231	434	3,665	109
Illness Characteristics*† N=3,665; n=109				
	Among all Cases		Among Deaths	
Gender				
	Male	1,567 (43%)		49 (45%)
	Female	2,053 (56%)		60 (55%)
Median Age (years)		43		79
Age range (years)		0 – 100		21 - 98
Total Hospitalizations		343 (9%)		59 (54%)
Total with Underlying Conditions		827 (60%)**		55 (96%)**
Underlying Conditions unknown		2,298		52

### Race Distribution of Cases in Newton County



### Age Distribution of Cases for Newton County



Total Cases & Deaths by Race*† N = 3,665; Total Deaths n=109					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	23 (0.63%)	0 (0%)	White	1,303 (35.55%)	71 (65.14%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	159 (4.34%)	<5 (0.92%)
Non-Hispanic/ Latino	19 (0.52%)	0 (0%)	Non-Hispanic/ Latino	1,027 (28.02%)	70 (64.22%)
Not Specified	<5 (0.11%)	0 (0%)	Not Specified	117 (3.19%)	0 (0%)
Black	1,559 (42.54%)	37 (33.94%)	Other	89 (2.43%)	0 (0%)
Hispanic/Latino	15 (0.41%)	0 (0%)	Hispanic/Latino	45 (1.23%)	0 (0%)
Non-Hispanic/ Latino	1,332 (36.34%)	37 (33.94%)	Non-Hispanic/ Latino	13 (0.35%)	0 (0%)
Not Specified	212 (5.78%)	0 (0%)	Not Specified	31 (0.85%)	0 (0%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	Unknown	683 (18.64%)	0 (0%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	33 (0.90%)	0 (0%)
Non-Hispanic/ Latino	0 (0%)	0 (0%)	Non-Hispanic/ Latino	63 (1.72%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	587 (16.02%)	0 (0%)
American Indian/Alaskan Native	8 (0.22%)	<5 (0.92%)	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available		
Hispanic/Latino	<5 (0.03%)	0 (0%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Non-Hispanic/Latino	5 (0.14%)	<5 (0.92%)	† = Represents total confirmed and presumptive cases		
Not Specified	<5 (0.05%)	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 November 23, 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.

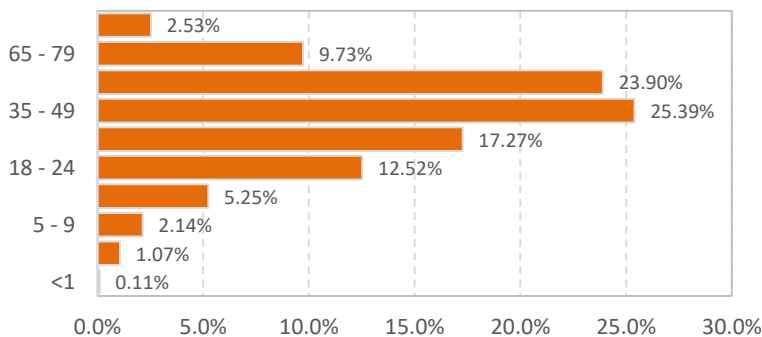
In Rockdale County there has been a 6.1% increase in newly confirmed COVID-19 Cases between the week of **11/9/2020 – 11/16/2020 (n=2,461)** and **11/16/2020 – 11/23/2020 (n=2,611)**.

COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deaths†
Outbreak	173	4	177 10
Total	2,437	174	2,611 51
Illness Characteristics*† N=2,611 n=51			
	Among all Cases	Among Deaths	
Gender			
Male	1,142 (44%)	24 (47%)	
Female	1,428 (55%)	27 (53%)	
Median Age (years)	42	67	
Age range (years)	0 – 100	27 – 100	
Total Hospitalizations	338 (13%)	39 (76%)	
Total with Underlying Conditions	689 (65%)**	40 (100%)**	
Underlying Conditions unknown	1,534	11	

## Race Distribution of Cases in Rockdale County



## Age Distribution of Cases for Rockdale County



Total Cases & Deaths by Race*† N = 2,611 Total Deaths n=51					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
<b>Asian</b>	<b>32 (1.23%)</b>	<b>0 (0%)</b>	<b>White</b>	<b>646 (24.74%)</b>	<b>18 (35.29%)</b>
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	178 (6.82%)	<5 (3.92%)
Non-Hispanic/ Latino	25 (0.96%)	0 (0%)	Non-Hispanic/ Latino	383 (14.67%)	16 (31.37%)
Not Specified	7 (0.27%)	0 (0%)	Not Specified	85 (3.26%)	0 (0%)
<b>Black</b>	<b>1,337 (51.21%)</b>	<b>30 (58.82%)</b>	<b>Other</b>	<b>106 (4.06%)</b>	<b>&lt;5 (1.96%)</b>
Hispanic/Latino	13 (0.50%)	0 (0%)	Hispanic/Latino	52 (1.99%)	<5 (1.96%)
Non-Hispanic/ Latino	1,110 (42.51%)	29 (56.86%)	Non-Hispanic/ Latino	24 (0.92%)	0 (0%)
Not Specified	214 (8.20%)	<5 (1.96%)	Not Specified	30 (1.15%)	0 (0%)
<b>Native Hawaiian/Pacific Islander</b>	<b>&lt;5 (0.08%)</b>	<b>0 (0%)</b>	<b>Unknown</b>	<b>486 (18.61%)</b>	<b>&lt;5 (1.96%)</b>
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	45 (1.72%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.08%)	0 (0%)	Non-Hispanic/ Latino	38 (1.46%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	403 (15.43%)	<5 (1.96%)
<b>American Indian/Alaskan Native</b>	<b>&lt;5 (0.08%)</b>	<b>&lt;5 (1.96%)</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 (0.08%)	<5 (1.96%)			
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.