

# Gwinnett, Newton, & Rockdale County Health Departments

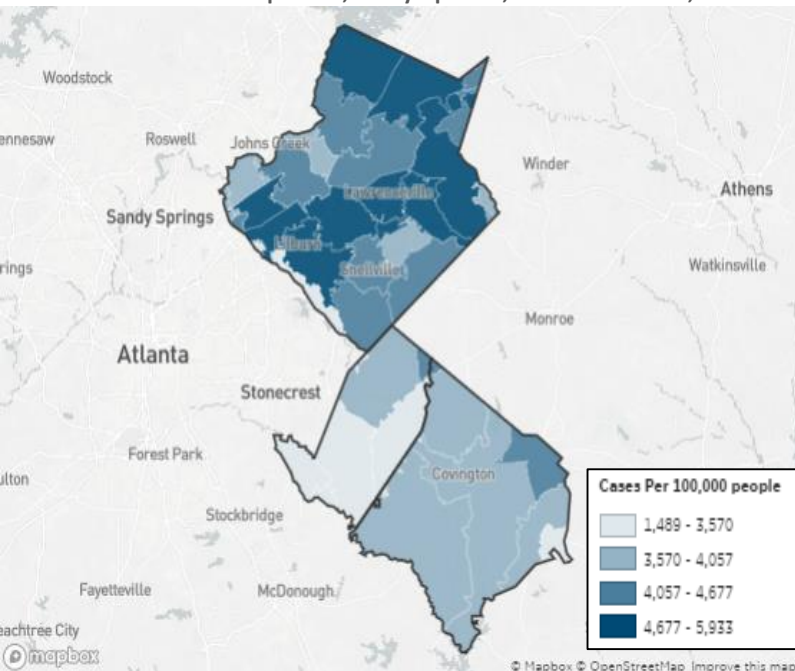


## COVID-19 Snapshot, data as of 9am December 7, 2020

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.

For more information on the data used in this report, how each variable is defined, and the limitations of this data, please click on this [link](#).

### COVID-19 Incidence Rate per 100,000 by zip-code, as of December 7, 2020



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Gwinnett	38,806	3,638	42,444	537
Newton	3,570	636	4,206	111
Rockdale	2,748	231	2,979	61
<b>Total</b>	<b>45,124</b>	<b>4,505</b>	<b>49,629</b>	<b>709</b>
Illness Characteristics*† N=49,629 n=709				
	Among all Cases		Among Deaths	
Gender				
Male	21,041 (46%)		358 (50%)	
Female	24,327 (53%)		351 (50%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	3,942 (8%)		519 (73%)	
Total with Underlying Conditions	9,335 (55%)**		511 (99%)**	
Underlying Conditions unknown	32,679		191	

### Total Cases & Deaths by Race\*† N = 49,629; Total Deaths n=709

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
<b>Asian</b>	<b>2,394 (4.82%)</b>	<b>42 (5.92%)</b>	<b>White</b>	<b>17,445 (35.15%)</b>	<b>384 (54.16%)</b>
Hispanic/Latino	19 (0.04%)	0 (0%)	Hispanic/Latino	5,000 (12.09%)	69 (9.73%)
Non-Hispanic/ Latino	1,905 (3.84%)	42 (5.92%)	Non-Hispanic/ Latino	9,903 (19.95%)	313 (44.15%)
Not Specified	470 (0.95%)	0 (0%)	Not Specified	1,542 (3.11%)	<5 (0.28%)
<b>Black</b>	<b>11,019 (22.20%)</b>	<b>211 (29.76%)</b>	<b>Other</b>	<b>3,932 (7.92%)</b>	<b>65 (9.17%)</b>
Hispanic/Latino	222 (0.45%)	<5 (0.14%)	Hispanic/Latino	2,591 (5.22%)	60 (8.46%)
Non-Hispanic/ Latino	9,409 (18.96%)	209 (29.48%)	Non-Hispanic/ Latino	519 (1.05%)	<5 (0.56%)
Not Specified	1,388 (2.80%)	<5 (0.14%)	Not Specified	822 (1.66%)	<5 (0.15%)
<b>Native Hawaiian/Pacific Islander</b>	<b>60 (0.11%)</b>	<b>&lt;5 (0.28%)</b>	<b>Unknown</b>	<b>14,727 (29.67%)</b>	<b>&lt;5 (0.56%)</b>
Hispanic/Latino	14 (0.03%)	0 (0%)	Hispanic/Latino	2,191 (4.41%)	<5 (0.14%)
Non-Hispanic/ Latino	38 (0.08%)	<5 (0.28%)	Non-Hispanic/ Latino	702 (1.41%)	<5 (0.28%)
Not Specified	8 (0.02%)	0 (0%)	Not Specified	11,834 (23.84%)	<5 (0.14%)
<b>American Indian/Alaskan Native</b>	<b>53 (0.10%)</b>	<b>&lt;5 (0.14%)</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 (0.06%)	<5 (0.14%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Not Specified	12 (0.02%)	0 (0%)	† Represents total confirmed and presumptive cases		

# Gwinnett, Newton, & Rockdale County Health Departments

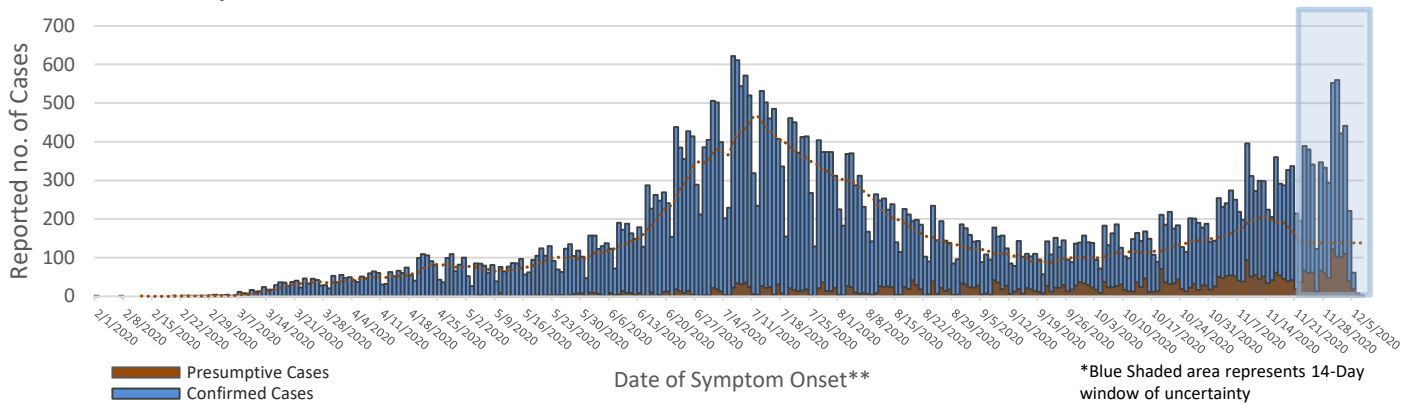


## COVID-19 Snapshot, data as of 9am December 7, 2020

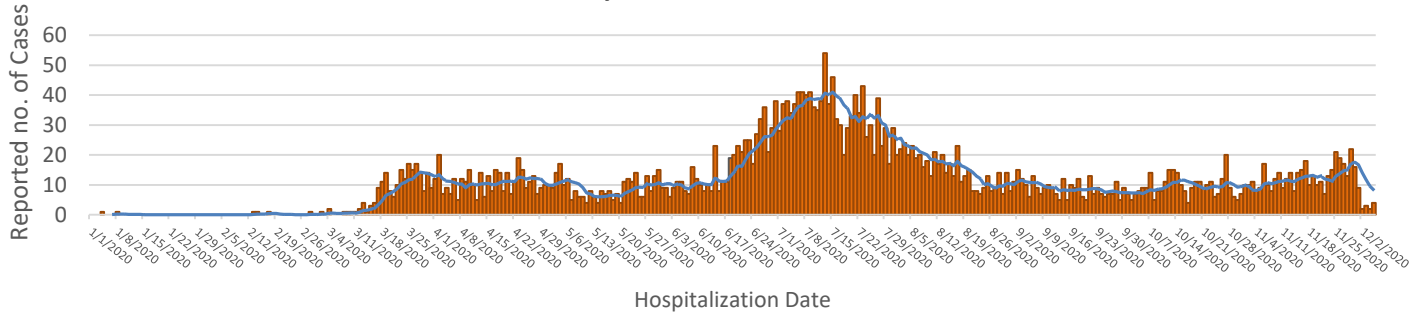
Gwinnett, Newton, and Rockdale County Health Department’s Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program’s activities and provides a portrayal of the current situation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

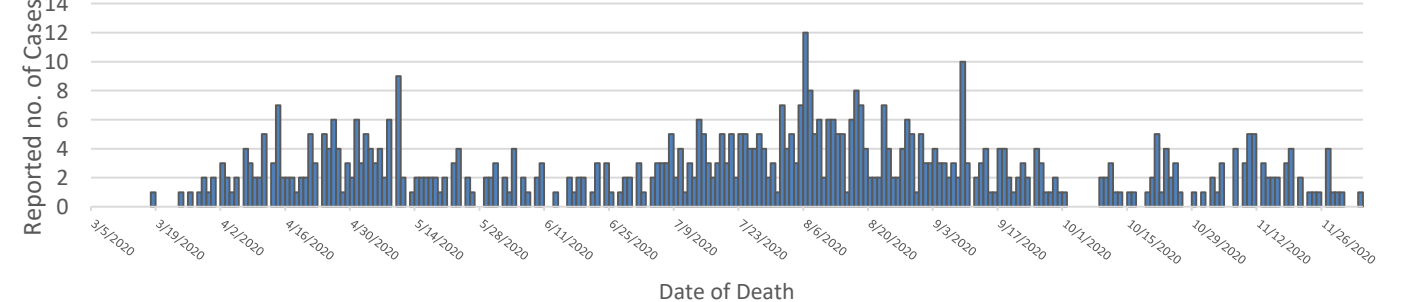
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 12/7/2020<sup>†</sup>



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  
 † 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 – 12/7/2020).

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	9,655 (9.7%)	37,064 (9.8%)	3,445 (9.5%)	2,807 (8.6%)	420,948 (9.3%)
Negative Tests	89,985 (90.1%)	339,805 (90.2%)	32,908 (91.8%)	29,733 (91.4%)	4,100,112 (90.7%)
Total Tests	99,832*	376,869	36,353	32,540	4,521,060

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 12/7/20.\*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 11/28/2020-12/4/2020

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	2,979 (14.8%)	252 (15.7%)	238 (13.9%)
Negative Tests	17,166 (85.2%)	1,349 (85.5%)	1,472 (86.1%)
Total Tests	20,145	1,601	1,710

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 12/7/20 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=5,558; Week 11/21/20 – 12/4/20†										
County	Zip	# of Cases	Case Rate	% Change	County	Zip	# of cases	Case Rate	% Change	
Gwinnett	30011	33	213.90	17.86	Gwinnett	30518	310	546.85	40.27	
	30017	116	475.10	17.17		30519	274	590.33	27.44	
	30019	312	633.35	49.28		30548	19	101.99	5.56	
	30024	274	354.31	42.71		30620	13	95.28	62.50	
	30039	214	463.95	19.55	Newton	30014	181	470.80	74.04	
	30043	456	502.89	28.45		30016	248	457.21	29.84	
	30044	478	542.94	46.63		30025	12	128.92	33.33	
	30045	257	639.64	48.55		30054	42	352.82	61.54	
	30046	200	537.37	51.52		30055	8	241.98	60.00	
	30047	307	469.28	32.33		30056	<5	108.42	-20.00	
	30052	194	294.12	41.61	Rockdale	30012	87	315.16	29.85	
	30071	44	174.48	-42.86		30013	106	402.00	13.98	
	30078	54	150.74	-56.80		30058	<5	1.73	0.00	
	30084	170	441.74	486.21		30094	110	314.93	18.28	
	30087	207	517.46	417.50		30252	0	0.00	-100.00	
	30092	110	310.57	-25.68		30281	6	8.88	200.00	
	30093	364	660.53	97.83		30294	0	0.00	-	
	30096	158	336.85	68.09	Overall 14-day Case Rates per 100,000					
	30097	14	49.95	-22.22	Georgia	-	-	54,520	518.00	20.47
	30340	6	37.67	-40.00	Gwinnett	-	-	4,846	522.00	30.17
	30360	13	88.69	-7.14	Newton	-	-	527	481.00	37.82
	30517	158	336.85	68.09	Rockdale	-	-	327	361.00	17.21
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.										

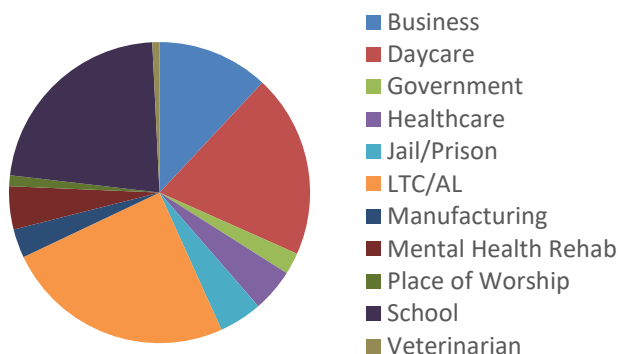
# Epidemiology Overview for Outbreaks



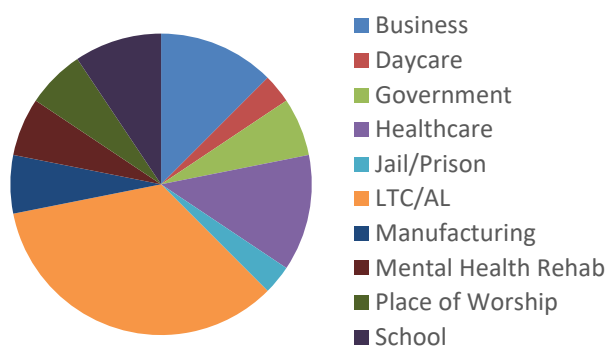
## COVID-19 Snapshot, data as 2pm December 7, 2020

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.

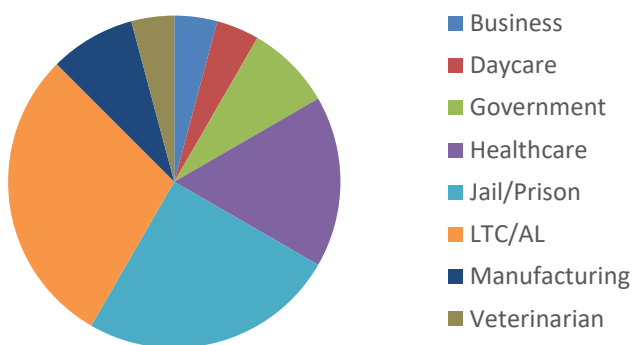
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County



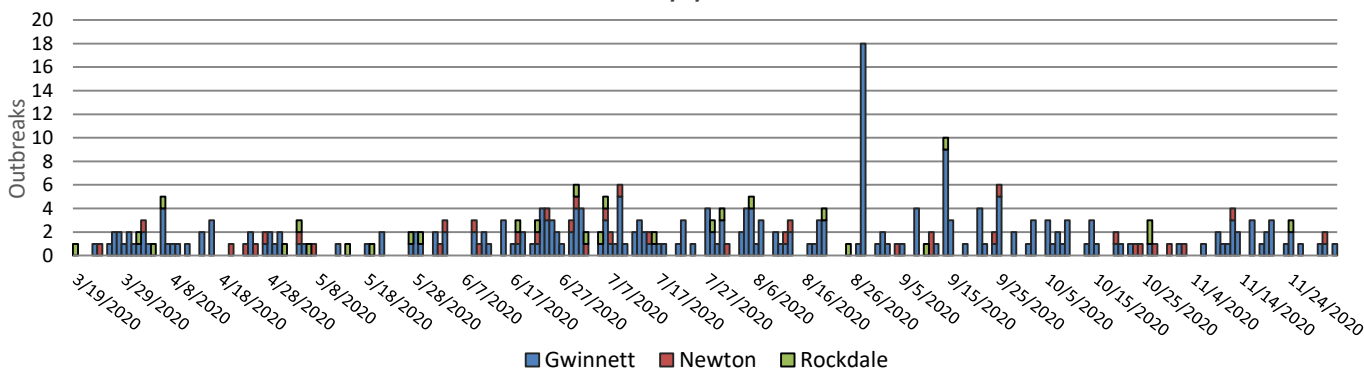
Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=315

Facility Type	Gwinnett n=259	Newton n=32	Rockdale n=24
Business	11.977%	12.50%	4.17%
Government	2.32%	6.25%	8.33%
Daycare	19.69%	3.13%	4.17%
Healthcare	4.63%	12.50%	16.67%
Jail/Prison	4.63%	3.13%	25.00%
LTC/AL	24.71%	34.38%	29.17%
Manufacturing	3.09%	6.25%	8.33%
Mental Health Rehab	4.63%	6.25%	0%
Place of Worship	1.16%	6.25%	0%
Schools	22.39%	9.38%	0%
Veterinarian	0.77%	0%	4.17%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 12/7/2020



# Epidemiology Overview for Gwinnett County



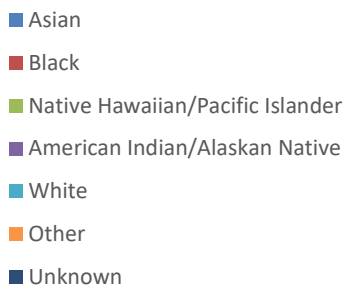
## COVID-19 Snapshot, data as of 9am December 7, 2020

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.

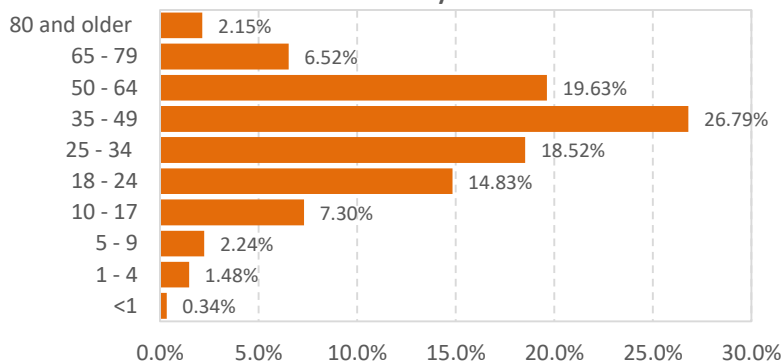
In Gwinnett County there has been a 7.7% increase in newly confirmed COVID-19 Cases between the week of **11/23/20 – 11/30/2020 (n=39,421)** and **11/30/20 – 12/7/2020 (n=42,444)**.

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	1,585	116	1,701	175
Total	38,806	3,638	42,444	537
Illness Characteristics*† N=42,444; n=537				
	Among all Cases	Among Deaths		
Gender				
Male	19,586 (46%)	277 (52%)		
Female	22,192 (52%)	260 (48%)		
Median Age (years)	38	73		
Age range (years)	0 – 103	15 - 102		
Total Hospitalizations	3,211 (8%)	416 (78%)		
Total with Underlying Conditions	7,678 (54%)**	416 (99%)**		
Underlying Conditions unknown	28,169	121		

## Race Distribution of Cases in Gwinnett County



## Age Distribution of Cases in Gwinnett County



Total Cases & Deaths by Race*† N = 42,444; Total Deaths n=537					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
<b>Asian</b>	<b>2,334 (5.50%)</b>	<b>42 (7.82%)</b>	<b>White</b>	<b>15,230 (35.88%)</b>	<b>286 (53.26%)</b>
Hispanic/Latino	19 (0.04%)	0 (0%)	Hispanic/Latino	5,642 (13.29%)	66 (12.29%)
Non-Hispanic/ Latino	1,858 (4.38%)	42 (7.82%)	Non-Hispanic/ Latino	8,260 (19.46%)	218 (40.60%)
Not Specified	457 (1.08%)	0 (0%)	Not Specified	1,328 (3.13%)	<5 (0.37%)
<b>Black</b>	<b>7,617 (17.94%)</b>	<b>141 (26.26%)</b>	<b>Other</b>	<b>3,710 (8.74%)</b>	<b>63 (11.73%)</b>
Hispanic/Latino	191 (0.45%)	<5 (0.19%)	Hispanic/Latino	2,483 (5.85%)	59 (10.80%)
Non-Hispanic/ Latino	6,495 (15.30%)	140 (26.07%)	Non-Hispanic/ Latino	475 (1.12%)	<5 (0.74%)
Not Specified	931 (2.19%)	0 (0%)	Not Specified	752 (1.77%)	<5 (0.19%)
<b>Native Hawaiian/Pacific Islander</b>	<b>57 (0.13%)</b>	<b>&lt;5 (0.37%)</b>	<b>Unknown</b>	<b>13,452 (31.69%)</b>	<b>&lt;5 (0.56%)</b>
Hispanic/Latino	14 (0.03%)	0 (0%)	Hispanic/Latino	2,095 (4.94%)	<5 (0.19%)
Non-Hispanic/ Latino	35 (0.08%)	<5 (0.37%)	Non-Hispanic/ Latino	579 (1.36%)	<5 (0.37%)
Not Specified	8 (0.02%)	0 (0%)	Not Specified	10,778 (25.39%)	0 (0%)
<b>American Indian/Alaskan Native</b>	<b>44 (0.10%)</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	8 (0.02%)	0 (0%)			
Non-Hispanic/Latino	26 (0.06%)	0 (0%)			
Not Specified	10 (0.02%)	0 (0%)			

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

# Epidemiology Overview for Newton County



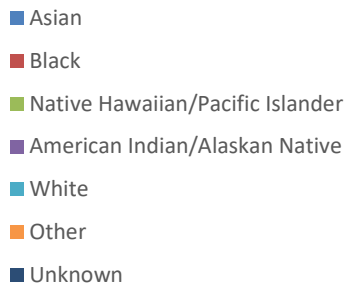
## COVID-19 Snapshot, data as of 9am December 7, 2020

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.

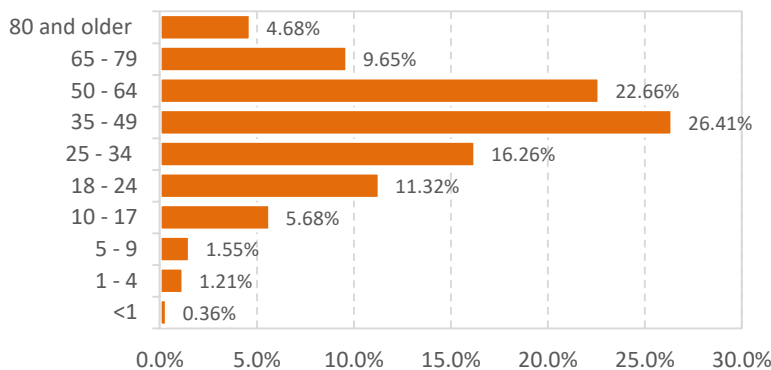
In Newton County there has been a 9.5% increase in newly confirmed COVID-19 Cases between the week of 11/23/20 – 11/30/20 (n=3,841) and 11/30/20 – 12/7/20 (n=4,206).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	332	34	366	55
Total	3,570	636	4,206	111
Illness Characteristics** N=4,206; n=111				
	Among all Cases		Among Deaths	
Gender				
Male	1,782 (42%)		50 (45%)	
Female	2,374 (56%)		61 (55%)	
Median Age (years)	43		79	
Age range (years)	0 – 100		21 - 98	
Total Hospitalizations	357 (8%)		61 (55%)	
Total with Underlying Conditions	898 (60%)**		57 (97%)**	
Underlying Conditions unknown	2,706		52	

### Race Distribution of Cases in Newton County



### Age Distribution of Cases for Newton County



Total Cases & Deaths by Race*† N = 4,206; Total Deaths n=111					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	24 (0.57%)	0 (0%)	White	1,468 (34.90%)	72 (64.86%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	164 (3.90%)	<5 (0.90%)
Non-Hispanic/ Latino	20 (0.48%)	0 (0%)	Non-Hispanic/ Latino	1,182 (28.10%)	71 (63.96%)
Not Specified	<5 (0.10%)	0 (0%)	Not Specified	122 (2.90%)	0 (0%)
Black	1,824 (43.37%)	38 (34.23%)	Other	107 (2.54%)	0 (0%)
Hispanic/Latino	17 (0.40%)	0 (0%)	Hispanic/Latino	52 (1.24%)	0 (0%)
Non-Hispanic/ Latino	1,577 (37.49%)	38 (34.23%)	Non-Hispanic/ Latino	16 (0.38%)	0 (0%)
Not Specified	230 (5.47%)	0 (0%)	Not Specified	39 (0.93%)	0 (0%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	Unknown	779 (18.52%)	0 (0%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	44 (1.05%)	0 (0%)
Non-Hispanic/ Latino	0 (0%)	0 (0%)	Non-Hispanic/ Latino	76 (1.81%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	659 (15.67%)	0 (0%)
American Indian/Alaskan Native	<5 (0.10%)	<5 (0.90%)	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available		
Hispanic/Latino	0 (0%)	0 (0%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Non-Hispanic/Latino	<5 (0.05%)	<5 (0.90%)	† = 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 December 7, 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 7.9% increase in newly confirmed COVID-19 Cases between the week of **11/23/2020 – 11/30/2020 (n=2,760)** and **11/30/2020 – 12/7/2020 (n=2,979)**.

### COVID-19 Cases & Deaths\*

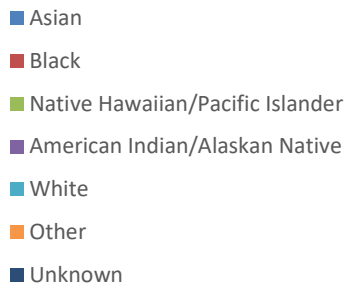
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	176	6	182	13
Total	2,748	231	2,979	61

### Illness Characteristics\*† N=2,979 n=61

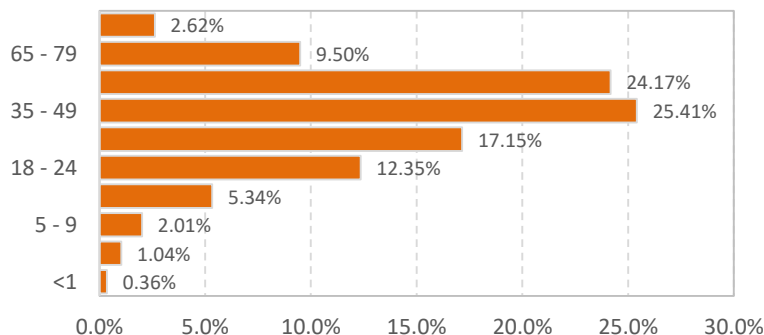
#### Among all Cases Among Deaths

<b>Gender</b>			
Male	1,307 (44%)	30 (49%)	
Female	1,630 (55%)	32 (52%)	
Median Age (years)	42	71	
Age range (years)	0 – 100	27 – 100	
Total Hospitalizations	375 (13%)	43 (69%)	
Total with Underlying Conditions	759 (65%)**	44 (100%)**	
Underlying Conditions unknown	1,804	18	

## Race Distribution of Cases in Rockdale County



## Age Distribution of Cases for Rockdale County



### Total Cases & Deaths by Race\*† N = 2,979 Total Deaths n=61

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
<b>Asian</b>	<b>36 (1.21%)</b>	<b>0 (0%)</b>	<b>White</b>	<b>747 (25.07%)</b>	<b>26 (42.62%)</b>
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	194 (6.51%)	<5 (4.92%)
Non-Hispanic/ Latino	27 (0.91%)	0 (0%)	Non-Hispanic/ Latino	461 (15.47%)	23 (37.70%)
Not Specified	9 (0.30%)	0 (0%)	Not Specified	92 (3.09%)	0 (0%)
<b>Black</b>	<b>1,578 (52.95%)</b>	<b>33 (54.10%)</b>	<b>Other</b>	<b>115 (3.86%)</b>	<b>&lt;5 (1.64%)</b>
Hispanic/Latino	14 (0.47%)	0 (0%)	Hispanic/Latino	56 (1.88%)	<5 (1.64%)
Non-Hispanic/ Latino	1,337 (43.87%)	32 (54.46%)	Non-Hispanic/ Latino	28 (0.94%)	0 (0%)
Not Specified	227 (7.62%)	<5 (1.64%)	Not Specified	31 (1.04%)	0 (0%)
<b>Native Hawaiian/Pacific Islander</b>	<b>&lt;5 (0.10%)</b>	<b>0 (0%)</b>	<b>Unknown</b>	<b>496 (16.64%)</b>	<b>&lt;5 (1.64%)</b>
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	52 (1.74%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.10%)	0 (0%)	Non-Hispanic/ Latino	47 (1.58%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	397 (13.32%)	<5 (1.64%)
<b>American Indian/Alaskan Native</b>	<b>&lt;5 (0.17%)</b>	<b>1 (1.61%)</b>	*Data Source: GA DPH, State Electronic Disease Surveillance System		
Hispanic/Latino	<5 (0.03%)	0 (0%)	**Among patients with underlying conditions information available		
Non-Hispanic/Latino	<5 (0.13%)	1 (1.61%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Not Specified	0 (0%)	0 (0%)	† 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.