

Gwinnett, Newton, & Rockdale County Health Departments

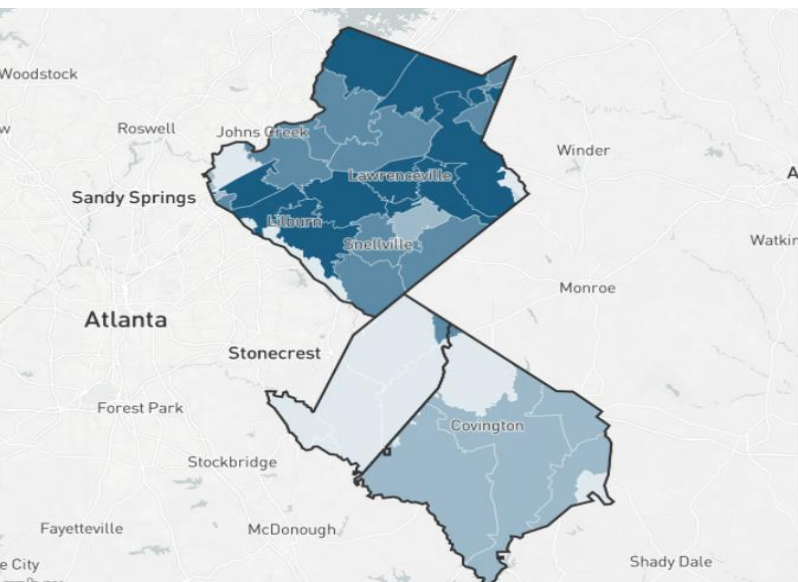


COVID-19 Snapshot, data as of 9am December 21, 2020

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](#).

For maps with zip code level case rates check out our COVID-19 Dashboard by clicking on the image below!



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Gwinnett	45,313	4,892	50,205	569
Newton	4,182	959	5,141	115
Rockdale	3,238	309	3,547	74
Total	52,733	6,160	58,893	758
Illness Characteristics*† N=58,893 n=758				
	Among all Cases		Among Deaths	
Gender				
Male	26,769 (45%)		384 (51%)	
Female	31,236 (53%)		374 (49%)	
Median Age (years)	39		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	4,374 (7%)		557 (73%)	
Total with Underlying Conditions	10,252 (55%)**		532 (99%)**	
Underlying Conditions unknown	40,241		218	

Total Cases & Deaths by Race*† N = 58,893; Total Deaths n=758

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	2,851 (4.84%)	48 (6.33%)	White	20,121 (34.17%)	408 (53.83%)
Hispanic/Latino	25 (0.04%)	0 (0%)	Hispanic/Latino	6,473 (10.99%)	70 (9.23%)
Non-Hispanic/ Latino	2,284 (3.88%)	48 (6.33%)	Non-Hispanic/ Latino	11,958 (20.30%)	337 (44.46%)
Not Specified	542 (0.92%)	0 (0%)	Not Specified	1,690 (2.87%)	<5 (0.13%)
Black	12,911 (21.92%)	223 (29.42%)	Other	4,593 (7.80%)	68 (8.97%)
Hispanic/Latino	252 (0.43%)	<5 (0.13%)	Hispanic/Latino	2,921 (4.96%)	64 (8.44%)
Non-Hispanic/ Latino	11,135 (18.91%)	221 (29.16%)	Non-Hispanic/ Latino	599 (1.02%)	<5 (0.40%)
Not Specified	1,524 (2.59%)	<5 (0.13%)	Not Specified	1,073 (1.82%)	<5 (0.13%)
Native Hawaiian/Pacific Islander	78 (0.13%)	<5 (0.26%)	Unknown	18,273 (31.03%)	7 (0.92%)
Hispanic/Latino	15 (0.03%)	0 (0%)	Hispanic/Latino	2,667 (4.53%)	<5 (0.13%)
Non-Hispanic/ Latino	50 (0.08%)	<5 (0.26%)	Non-Hispanic/ Latino	817 (1.39%)	<5 (0.40%)
Not Specified	13 (0.02%)	0 (0%)	Not Specified	14,789 (25.11%)	<5 (0.40%)
American Indian/Alaskan Native	66 (0.11%)	<5 (0.26%)	*Data Source: GA DPH, State Electronic Disease Surveillance System		
Hispanic/Latino	12 (0.02%)	0 (0%)	**Among patients with underlying conditions information available		
Non-Hispanic/ Latino	40 (0.07%)	<5 (0.26%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Not Specified	14 (0.02%)	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

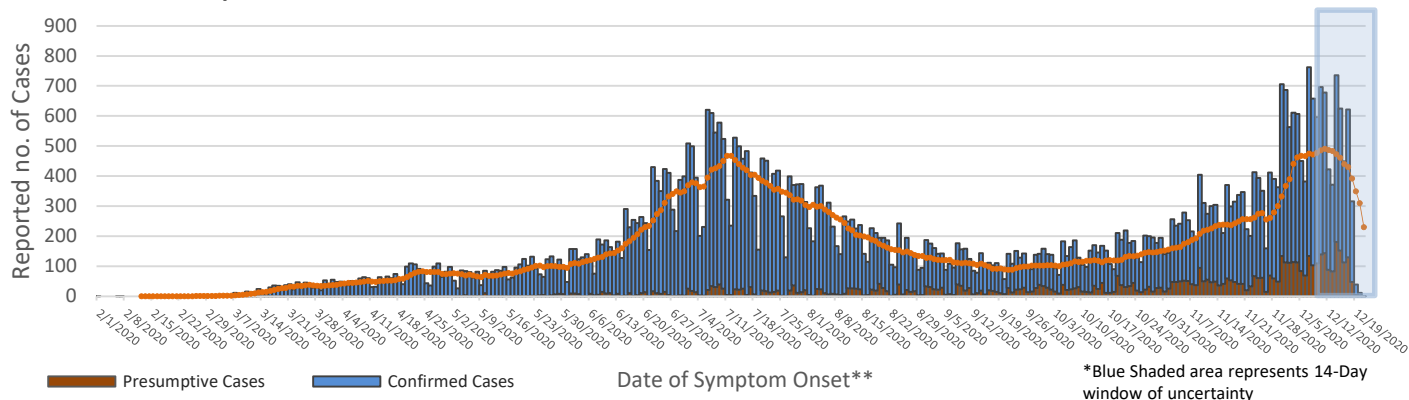


COVID-19 Snapshot, data as of 9am December 21, 2020

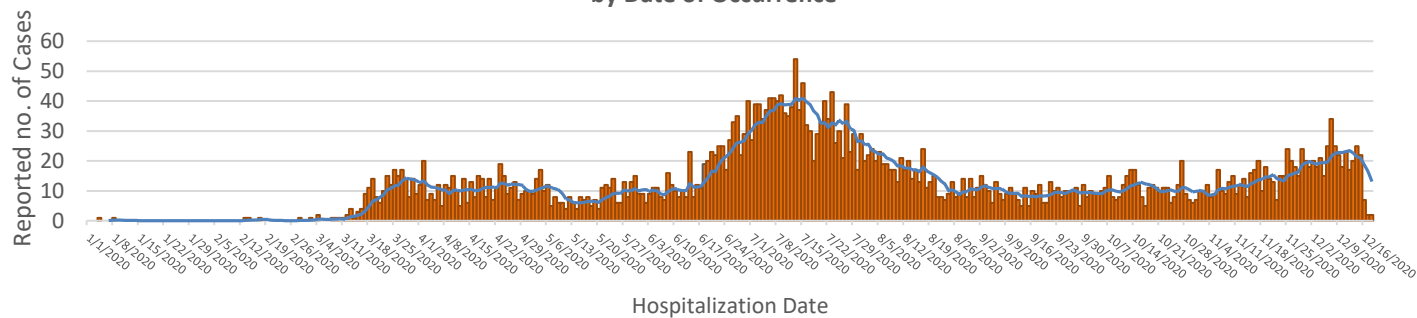
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

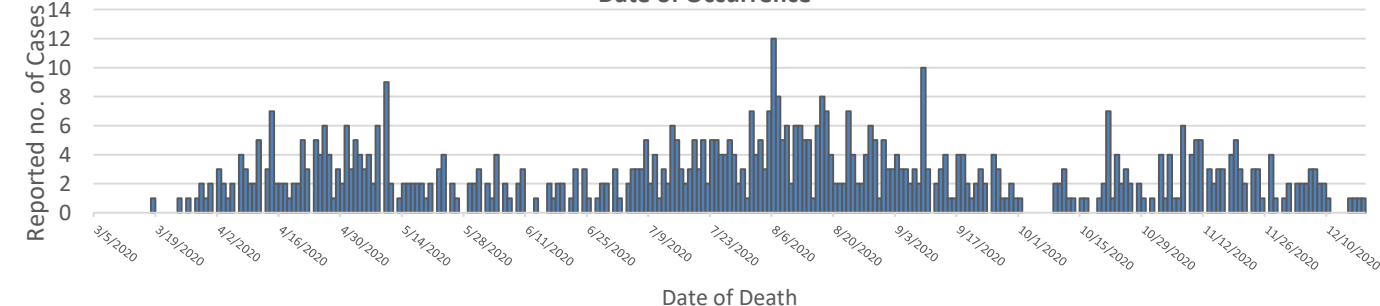
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 12/21/2020[†]



Reported Hospitalizations of COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence[†]



Reported Deaths Among COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence[†]



*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 – 12/21/2020).

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 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	2,149 (8.9%)	44,537 (10.5%)	4,157 (10.3%)	3,372 (9.3%)	484,372 (9.7%)
Negative Tests	21,908 (90.1%)	378,531 (89.5%)	36,207 (89.7%)	33,029 (90.7%)	4,514,934 (90.3%)
Total Tests	24,600*	423,068	40,364	36,401	4,999,306

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 12/21/20.*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 12/12/2020-12/18/2020

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.

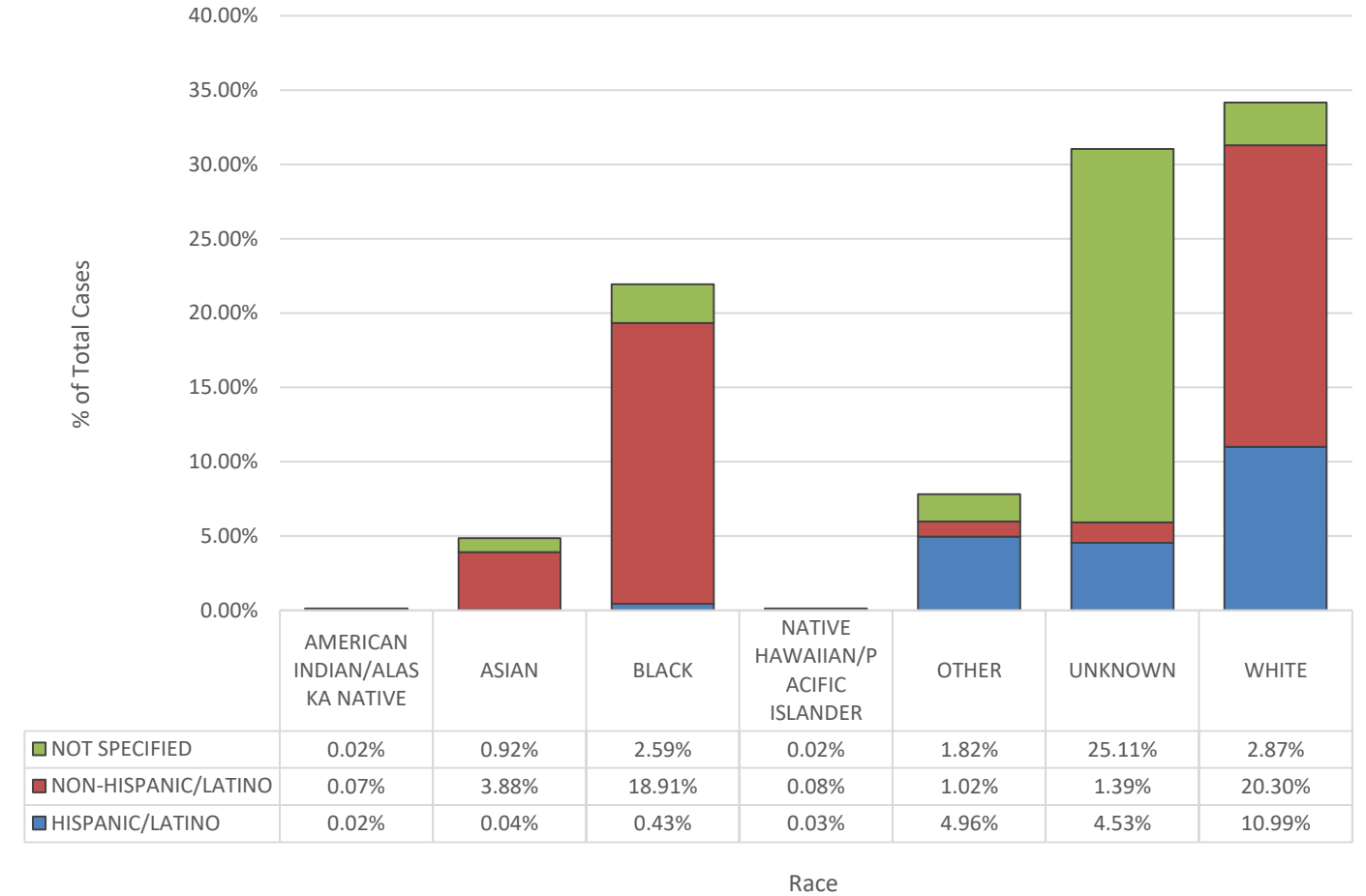
Seven Day Positivity Data			
	Gwinnett	Newton	Rockdale
Positive Tests	3,689 (16.4%)	359 (17.6%)	256 (13.0%)
Negative Tests	18,793 (83.6%)	1,683 (82.4%)	1,713 (87.0%)
Total Tests	22,482	2,042	1,969

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 12/21/20 5pm.

14-day Case Rates by Zip Code

In order to remain consistent with the Georgia Department of Public Health, 14-day case rates by zip code will no longer be displayed on the weekly snapshot. Moving forward, this information will be found on GNR’s COVID-19 Dashboard which, can be found at this [link](#).

Total COVID-19 Cases by Race & Ethnicity for Gwinnett, Newton, and Rockdale Counties[†]



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

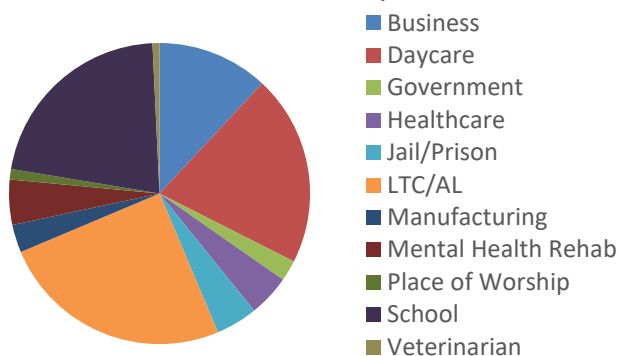
Epidemiology Overview for Outbreaks



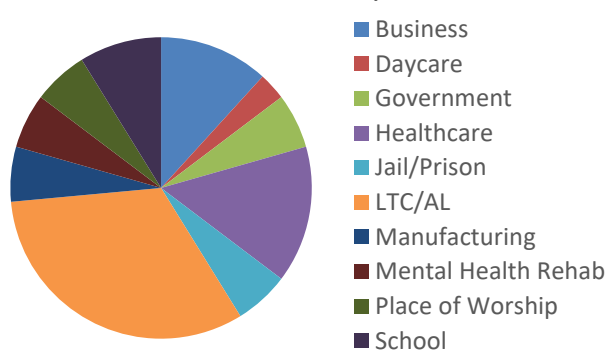
COVID-19 Snapshot, data as 2pm December 21, 2020

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.

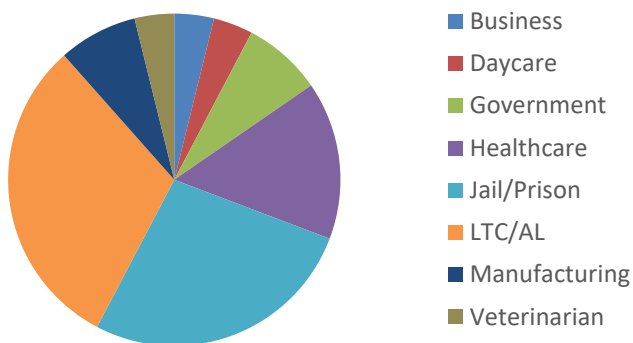
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County



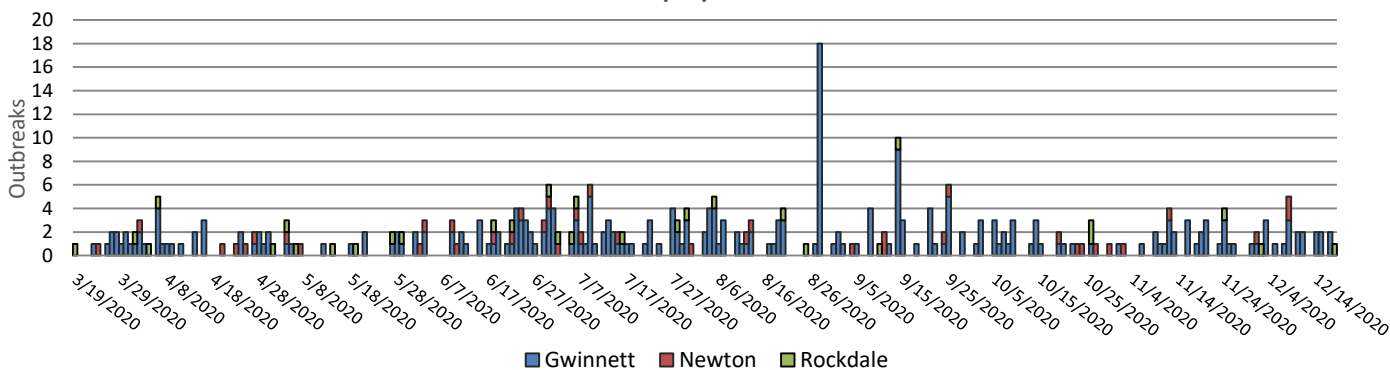
Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=339

Facility Type	Gwinnett n=279	Newton n=34	Rockdale n=26
Business	11.94%	11.76%	4.00%
Daycare	20.52%	2.94%	4.00%
Government	2.24%	5.88%	8.00%
Healthcare	4.48%	14.71%	16.00%
Jail/Prison	4.48%	5.88%	24.00%
LTC/AL	25.00%	32.35%	32.00%
Manufacturing	2.99%	5.88%	8.00%
Mental Health Rehab	4.85%	5.88%	0%
Place of Worship	1.12%	5.88%	0%
Schools	21.64%	8.82%	0%
Veterinarian	0.75%	0%	4.00%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 12/21/2020



Epidemiology Overview for Gwinnett County

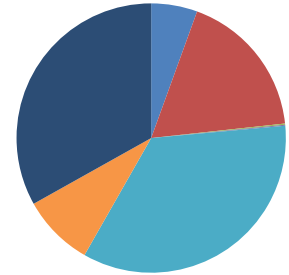
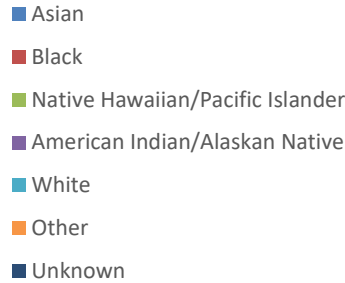
COVID-19 Snapshot, data as of 9am December 21, 2020



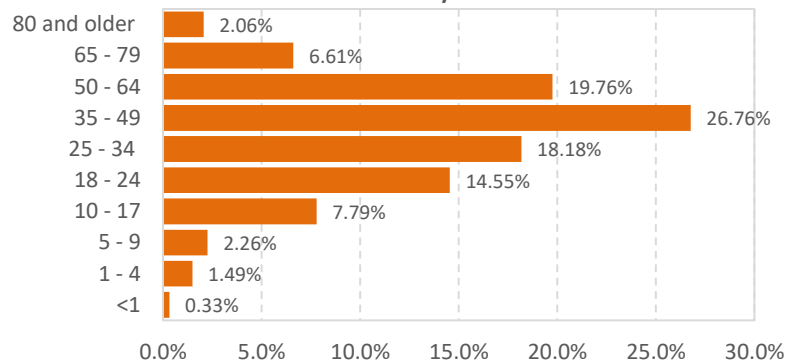
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 8.2% increase in newly confirmed COVID-19 Cases between the week of **12/7/20 – 12/14/2020 (n=46,390)** and **12/14/20 – 12/21/2020 (n=50,205)**.

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	1,737	158	1,895	179
Total	45,313	4,892	50,205	569
Illness Characteristics*† N=50,205; n=569				
	Among all Cases	Among Deaths		
Gender				
Male	23,051 (46%)	296 (52%)		
Female	26,376 (53%)	273 (48%)		
Median Age (years)	38	73		
Age range (years)	0 – 104	15 - 102		
Total Hospitalizations	3,533 (7%)	442 (77%)		
Total with Underlying Conditions	8,380 (53%)**	421 (99%)**		
Underlying Conditions unknown	34,536	142		

Total Cases & Deaths by Race*† N = 50,205; Total Deaths n=569					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	2,780 (5.54%)	48 (8.44%)	White	17,424 (34.71%)	305 (53.60%)
Hispanic/Latino	24 (0.05%)	0 (0%)	Hispanic/Latino	6,083 (12.12%)	67 (11.78%)
Non-Hispanic/ Latino	2,229 (4.44%)	48 (8.44%)	Non-Hispanic/ Latino	9,918 (19.76%)	237 (41.65%)
Not Specified	527 (1.05%)	0 (0%)	Not Specified	1,423 (2.83%)	<5 (0.18%)
Black	8,907 (17.74%)	143 (25.13%)	Other	4,337 (8.64%)	66 (11.60%)
Hispanic/Latino	212 (0.42%)	<5 (0.18%)	Hispanic/Latino	2,805 (5.59%)	62 (10.90%)
Non-Hispanic/ Latino	7,673 (15.28%)	142 (24.96%)	Non-Hispanic/ Latino	546 (1.09%)	<5 (0.53%)
Not Specified	1,022 (2.04%)	0 (0%)	Not Specified	986 (1.96%)	<5 (0.18%)
Native Hawaiian/Pacific Islander	74 (0.15%)	<5 (0.35%)	Unknown	16,628 (33.12%)	<5 (0.88%)
Hispanic/Latino	15 (0.03%)	0 (0%)	Hispanic/Latino	2,544 (5.07%)	<5 (0.18%)
Non-Hispanic/ Latino	46 (0.09%)	<5 (0.35%)	Non-Hispanic/ Latino	662 (1.32%)	<5 (0.35%)
Not Specified	13 (0.03%)	0 (0%)	Not Specified	13,422 (26.73%)	<5 (0.35%)
American Indian/Alaskan Native	55 (0.11%)	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		
Hispanic/Latino	10 (0.02%)	0 (0%)			
Non-Hispanic/Latino	33 (0.07%)	0 (0%)			
Not Specified	12 (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 21, 2020

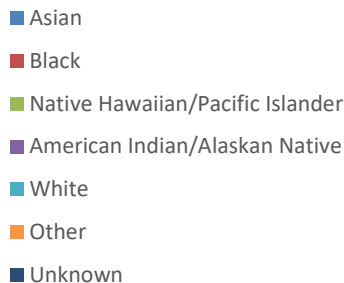


Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

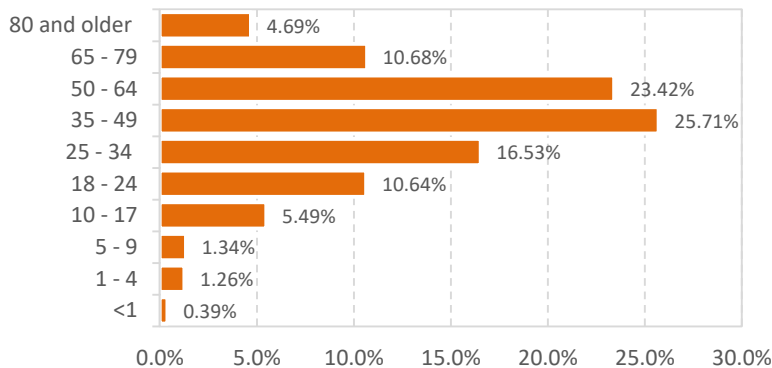
In Newton County there has been a 10.2% increase in newly confirmed COVID-19 Cases between the week of 12/7/20 – 12/14/20 (n=4,665) and 12/14/20 – 12/21/20 (n=5,141).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	341	47	390	57
Total	4,182	959	5,141	114
Illness Characteristics*† N=5,141; n=114				
	Among all Cases		Among Deaths	
Gender				
	Male	2,181 (42%)		53 (46%)
	Female	2,898 (56%)		62 (54%)
Median Age (years)		43		79
Age range (years)		0 – 100		21 - 98
Total Hospitalizations		389 (8%)		64 (56%)
Total with Underlying Conditions		999 (60%)**		60 (97%)**
Underlying Conditions unknown		3,478		53

Race Distribution of Cases in Newton County



Age Distribution of Cases for Newton County



Total Cases & Deaths by Race*† N = 5,141; Total Deaths n=114					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	28 (0.54%)	0 (0%)	White	1,818 (35.36%)	75 (65.22%)
Hispanic/Latino	<5 (0.02%)	0 (0%)	Hispanic/Latino	174 (3.38%)	<5 (0.87%)
Non-Hispanic/ Latino	21 (0.41%)	0 (0%)	Non-Hispanic/ Latino	1,478 (28.75%)	74 (64.35%)
Not Specified	6 (0.12%)	0 (0%)	Not Specified	166 (3.23%)	0 (0%)
Black	2,152 (41.86%)	39 (33.91%)	Other	121 (2.35%)	0 (0%)
Hispanic/Latino	22 (0.43%)	0 (0%)	Hispanic/Latino	56 (1.09%)	0 (0%)
Non-Hispanic/ Latino	1,865 (36.28%)	39 (33.91%)	Non-Hispanic/ Latino	18 (0.35%)	0 (0%)
Not Specified	265 (5.15%)	0 (0%)	Not Specified	47 (0.91%)	0 (0%)
Native Hawaiian/Pacific Islander	<5 (0.02%)	0 (0%)	Unknown	1,017 (19.78%)	0 (0%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	50 (0.97%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.02%)	0 (0%)	Non-Hispanic/ Latino	99 (1.93%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	868 (16.88%)	0 (0%)
American Indian/Alaskan Native	<5 (0.08%)	<5 (0.87%)	*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 (0.04%)	<5 (0.87%)	† = Represents total confirmed and presumptive cases		
Not Specified	<5 (0.04%)	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 December 21, 2020

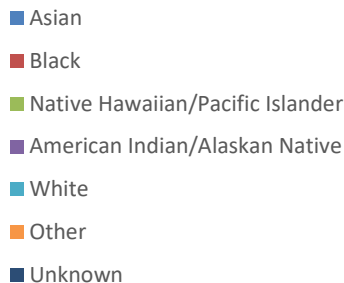


Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

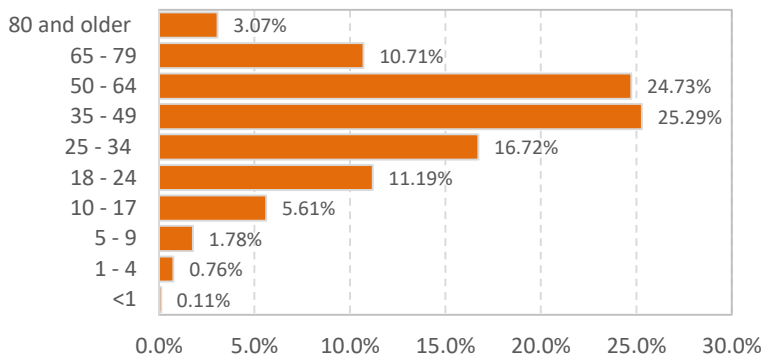
In Rockdale County there has been a 8.2% increase in newly confirmed COVID-19 Cases between the week of **12/7/2020 – 12/14/2020 (n=3,279)** and **12/14/2020 – 12/21/2020 (n=3,549)**

COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deaths†
Outbreak	197	14	211 21
Total	3,238	309	3,547 74
Illness Characteristics*† N=3,547 n=74			
	Among all Cases	Among Deaths	
Gender			
Male	1,537 (43%)	35 (47%)	
Female	1,962 (55%)	39 (53%)	
Median Age (years)	43	71	
Age range (years)	0 – 100	27 – 100	
Total Hospitalizations	452 (13%)	51 (69%)	
Total with Underlying Conditions	873 (66%)**	51 (100%)**	
Underlying Conditions unknown	2,227	23	

Race Distribution of Cases in Rockdale County



Age Distribution of Cases for Rockdale County



Total Cases & Deaths by Race*† N = 3,547 Total Deaths n=74					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	43 (1.21%)	0 (0%)	White	879 (24.78%)	28 (37.84%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	216 (6.09%)	<5 (2.70%)
Non-Hispanic/ Latino	34 (0.96%)	0 (0%)	Non-Hispanic/ Latino	562 (15.84%)	26 (35.14%)
Not Specified	9 (0.25%)	0 (0%)	Not Specified	101 (2.85%)	0 (0%)
Black	1,852 (52.21%)	41 (55.41%)	Other	135 (3.81%)	<5 (2.70%)
Hispanic/Latino	18 (0.51%)	0 (0%)	Hispanic/Latino	60 (1.69%)	<5 (2.70%)
Non-Hispanic/ Latino	1,597 (45.02%)	40 (54.05%)	Non-Hispanic/ Latino	35 (0.99%)	0 (0%)
Not Specified	237 (6.68%)	<5 (1.35%)	Not Specified	40 (1.13%)	0 (0%)
Native Hawaiian/Pacific Islander	<5 (0.08%)	0 (0%)	Unknown	628 (17.71%)	<5 (2.70%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	73 (2.06%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.08%)	0 (0%)	Non-Hispanic/ Latino	56 (1.58%)	<5 (1.35%)
Not Specified	0 (0%)	0 (0%)	Not Specified	499 (14.07%)	<5 (1.35%)
American Indian/Alaskan Native	7 (0.20%)	<5 (1.35%)	*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 (0.06%)	0 (0%)			
Non-Hispanic/Latino	<5 (0.14%)	<5 (1.35%)			
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.