Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Snapshot, *data as of 12pm August 31, 2020*

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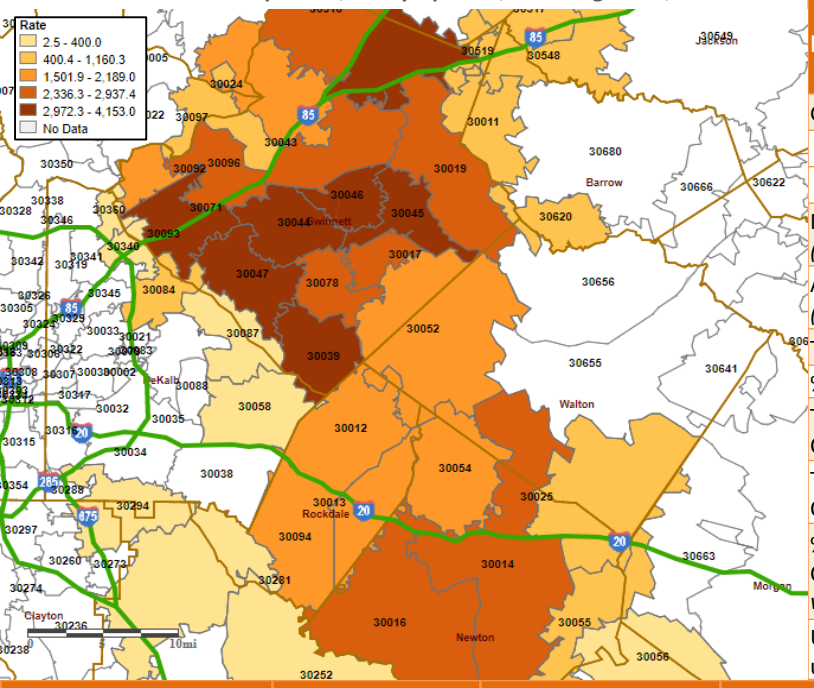
COUNTY HEALTH DEPARTMENTS

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 August 31, 2020



COVID-19 Cases & Deaths*	Confirmed cases	Presumptive Cases	Total Cases†	No. Deaths
Gwinnett County	23,641	987	24,628	338
Newton County	2,257	150	2,407	61
Rockdale County	1,633	57	1,690	32
Total	**27,531**	**1,194**	**28,725**	**431**

Illness Characteristics*†	Among all Cases (N=28,725)	Among Deaths (N=431)
Gender		
Male	13,042 (45%)	208 (48%)
Female	14,898 (52%%)	223 (52%)
Median Age *(in years)*	38	75
Age range *(in years)*	0 – 103	15 - 102
Total Hospitalizations	2,777	336
% Hospitalized	10%	78%
Total with no Underlying Conditions	3,954	15
Total with Underlying Conditions	4,969	319
% with Underlying Conditions *(among those with known status)***	56%	96%
Underlying Conditions unknown	19,802	97

Total COVID-19 Cases & Deaths by Race*†	Among all Cases (N=28,725)	Among Deaths (N=431)	Total COVID-19 Cases & Deaths by Race*†	Among all Cases (N=28,725)	Among Deaths (N=431)
Asian	**957 (3.33%)**	**21 (4.87%)**	**White**	**8,554 (29.78%)**	**226 (52.44%)**
Hispanic/Latino	11 (<0.1%)	0 (0%)	Hispanic/Latino	4,021 (4.31%)	36 (8.35%)
Non-Hispanic/ Latino	763 (2.66%)	21 (4.87%)	Non-Hispanic/ Latino	3,774 (13.14%)	189 (43.85%)
Not Specified	183 (0.64%)	0 (0%)	Not Specified	759 (2.64%)	1 (0.23%)
Black	**5,010 (17.44%)**	**130 (30.16%)**	**Other**	**2,338 (8.14%)**	**40 (9.28%)**
Hispanic/Latino	91 (0.32%)	1 (0.23%)	Hispanic/Latino	1,565 (5.45%)	40 (9.28%)
Non-Hispanic/ Latino	4,165 (14.50%)	128 (29.70%)	Non-Hispanic/ Latino	263 (0.92%)	0 (0%)
Not Specified	754 (2.62%)	1 (0.23%)	Not Specified	510 (1.78%)	0 (0%)
Native Hawaiian/Pacific Islander	**34 (0.12%)**	**2 (0.46%)**	**Unknown**	**11,807 (41.10%)**	**12 (2.78%)**
Hispanic/Latino	8 (<0.1%)	0 (0%)	Hispanic/Latino	1,237 (4.31%)	4 (0.93%)
Non-Hispanic/ Latino	19 (<0.1%)	2 (0.46%)	Non-Hispanic/ Latino	316 (1.04%)	2 (0.46%)
Not Specified	7 (<0.1%)	0 (0%)	Not Specified	759 (35.70%)	6 (1.39%)
American Indian/ Native American	**25 (<0.1%)**	**0 (0%)**			
Hispanic/Latino	2 (<0.1%)	0 (0%)			
Non-Hispanic/ Latino	17 (<0.1%)	0 (0%)			
Not Specified	6 (<0.1%)	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

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 August 31, 2020*

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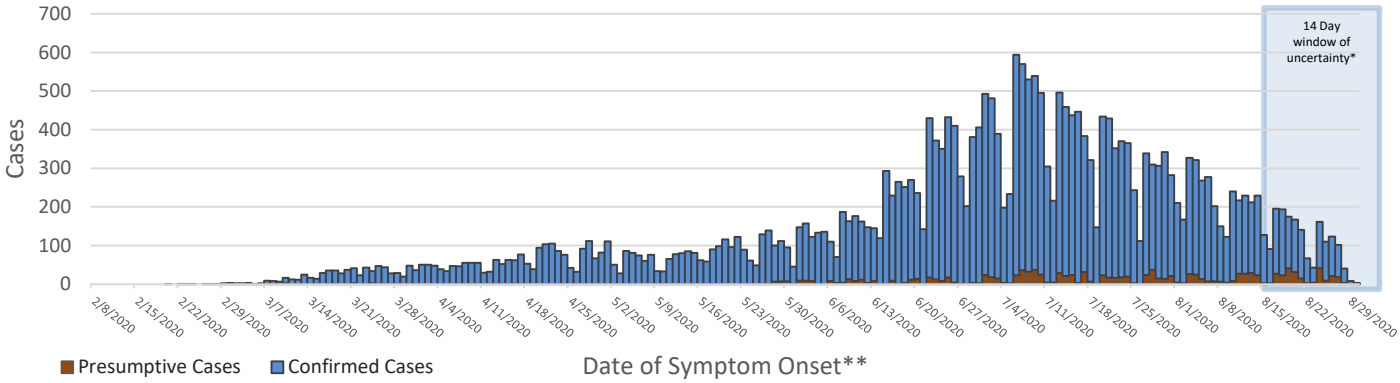
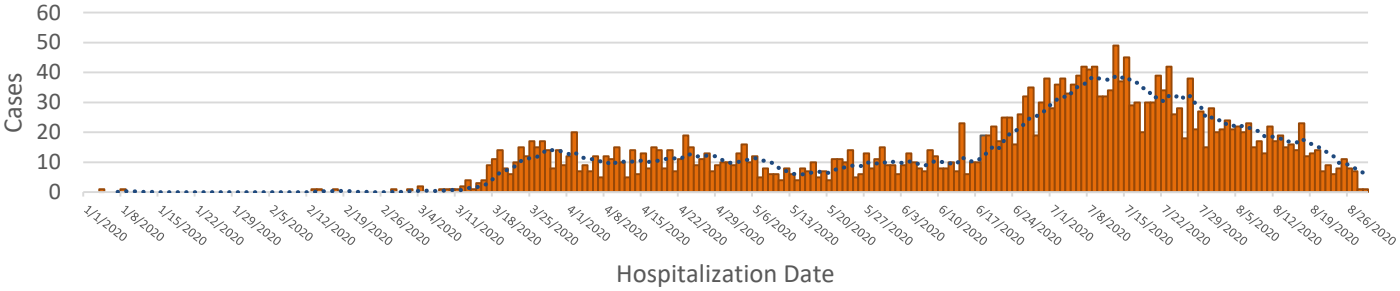
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every laboratory confirmed case of COVID-19. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation in the district.

Per Gwinnett, Newton, and Rockdale County Health Departments reporting policy only confirmed COVID-19 cases 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 a confirmed case of COVID-19 does not include serology (i.e. antibody tests). These tests are reportable, but because they are not included in the case definition for a confirmed COVID-19 case, are not displayed here.

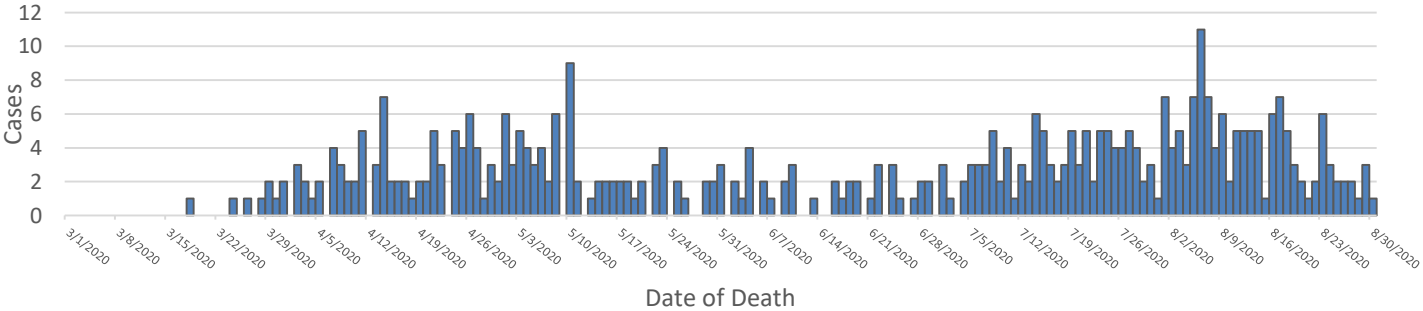
COVID-19 Cases, Gwinnett, Newton, and Rockdale Counties, as of 8/31/2020†



Hospitalizations of COVID-19 cases, Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence†



Deaths Among COVID-19 Cases, 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
† = 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

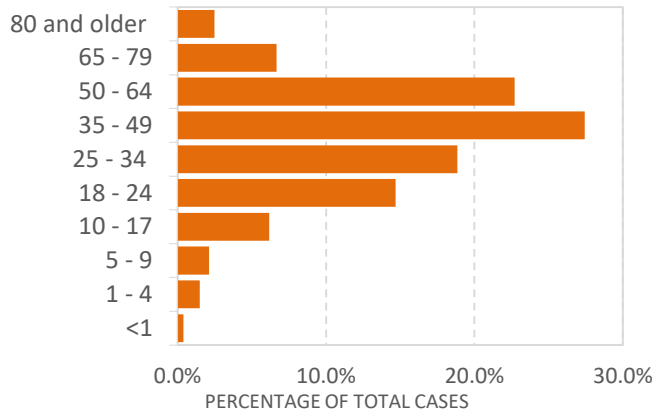
Positivity Data from GNR Specimen Collection Sites, as Compared with all Reported Lab Specimens from Gwinnett, Newton, Rockdale Counties and GA.

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 or by calling 770-513-5631. A total of 4,000-5,000 specimens are collected each week.

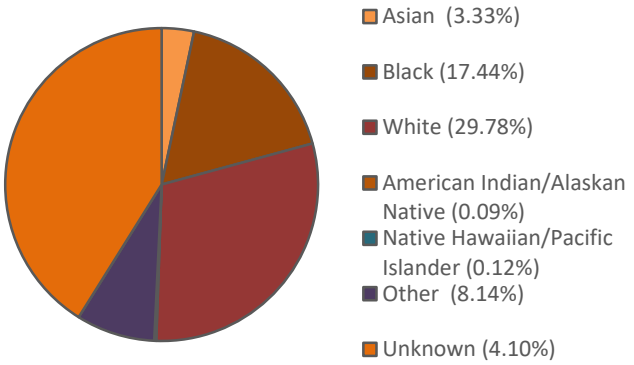
	GNR SPOCs	Gwinnett	Newton	Rockdale	Georgia
Positive Test Results	7,470 (10.5%)	22,075 (12.0%)	2,049 (10.3%)	1,581 (8.8%)	247,592 (10.6%)
Negative Test Results	63,678 (89.3%)	162,503 (88.0%)	17,874 (89.7%)	16,416 (91.2%)	2,096,042 (89.4%)
Total Tests	71,722*	184,605	19,923	17,997	2,343,634

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 8/31/20.*Total includes pending and indeterminate test results.

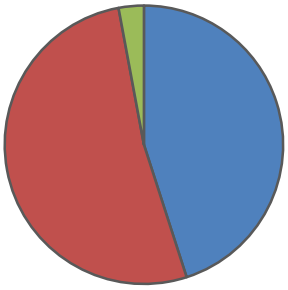
Age Distribution of Cases, GNR†



Race Distribution of Cases, GNR†

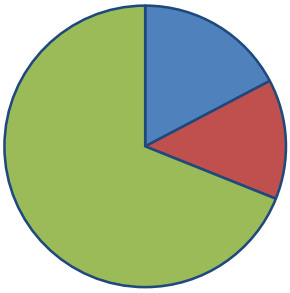


Gender Distribution of Cases†



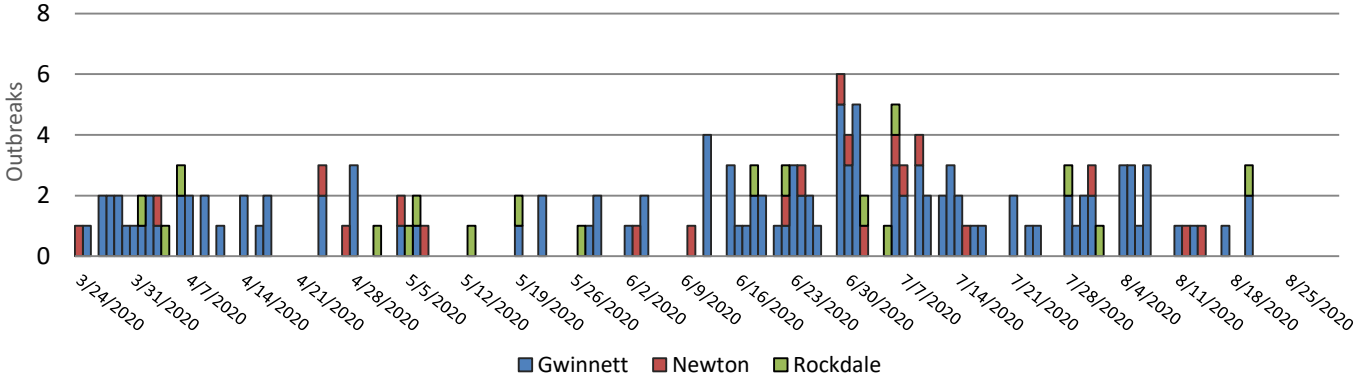
Male (45.40%) Female (51.88%) Unknown (2.73%)

Distribution of Underlying Health Conditions†



Yes (17.30%) No (13.77%) Unknown (68.94%)

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 8/31/2020



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 12pm August 31, 2020*

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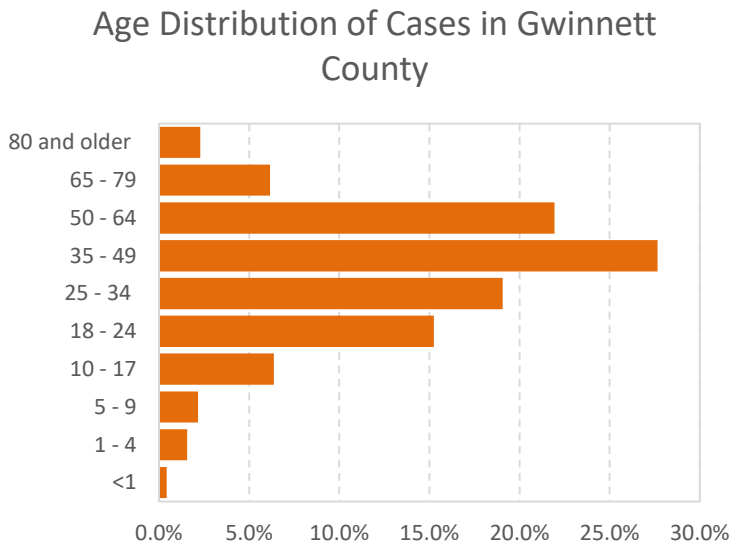
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 8.0% increase in newly confirmed COVID-19 Cases between the week of **8/17/20 – 8/24/2020 (n=22,803) and 8/24/20 – 8/31/2020 (n=24,628).**



COVID-19 Cases & Deaths*	Confirmed Cases	Presumptive Cases	Total Cases†	No. Deaths
Outbreak Related	970	-	970	137
Total	23,641	987	24,628	338

Illness Characteristics*†	Among all Cases (N=24,628)	Among Deaths (N=338)
Gender		
Male	11,294 (46%)	163 (48%)
Female	12,645 (51%)	175 (52%)
Median Age *(in years)*	38	74
Age range *(in years)*	0 – 103	15 – 102
Total Hospitalizations	2,367	274
% Hospitalized	10%	81%
Total with no Underlying Conditions	3,380	12
Total with Underlying Conditions	4,149	267
% with Underlying Conditions *(among those with known status)***	55%	96%
Underlying Conditions unknown	17,099	59

Total COVID-19 Cases & Deaths by Race*†	Among all Cases (N=24,628)	Among Deaths (N=338)	Total COVID-19 Cases & Deaths by Race*†	Among all Cases (N=24,628)	Among Deaths (N=338)
Asian	**924 (3.75%)**	**21 (6.21%)**	**White**	**7,543 (30.63%)**	**178 (52.66%)**
Hispanic/Latino	11 (0.04%)	0 (0%)	Hispanic/Latino	3,769 (15.30%)	34 (10.06%)
Non-Hispanic/ Latino	735 (2.98%)	21 (6.21%)	Non-Hispanic/ Latino	3,100 (12.59%)	143 (42.31%)
Not Specified	178 (0.72%)	0 (0%)	Not Specified	674 (2.74%)	1 (0.30%)
Black	**3,476 (14.11%)**	**89 (26.33%)**	**Other**	**2,226 (9.04%)**	**39 (11.54%)**
Hispanic/Latino	76 (0.31%)	1 (0.30%)	Hispanic/Latino	1,515 (6.15%)	39 (11.54%)
Non-Hispanic/ Latino	2,861 (11.62%)	88 (26.04%)	Non-Hispanic/ Latino	249 (1.01%)	0 (0%)
Not Specified	539 (2.19%)	0 (0%)	Not Specified	462(1.88%)	0 (0%)
Native Hawaiian/Pacific Islander	**32 (0.13%)**	**2 (0.59%)**	**Unknown**	**10,405 (42.25%)**	**9 (2.66%)**
Hispanic/Latino	8 (0.03%)	0 (0%)	Hispanic/Latino	1,196 (4.86%)	4 (1.18%)
Non-Hispanic/ Latino	17 (0.07%)	2 (0.59%)	Non-Hispanic/ Latino	285 (1.16%)	2 (0.59%)
Not Specified	7 (0.03%)	0 (0%)	Not Specified	8,924 (36.24%)	3 (0.89%)
American Indian/ Native American	**22 (0.09%)**	**0 (0%)**			
Hispanic/Latino	1 (<0.01%)	0 (0%)			
Non-Hispanic/Latino	16 (0.06%)	0 (0%)			
Not Specified	5 (0.02%)	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 12pm August 31, 2020*

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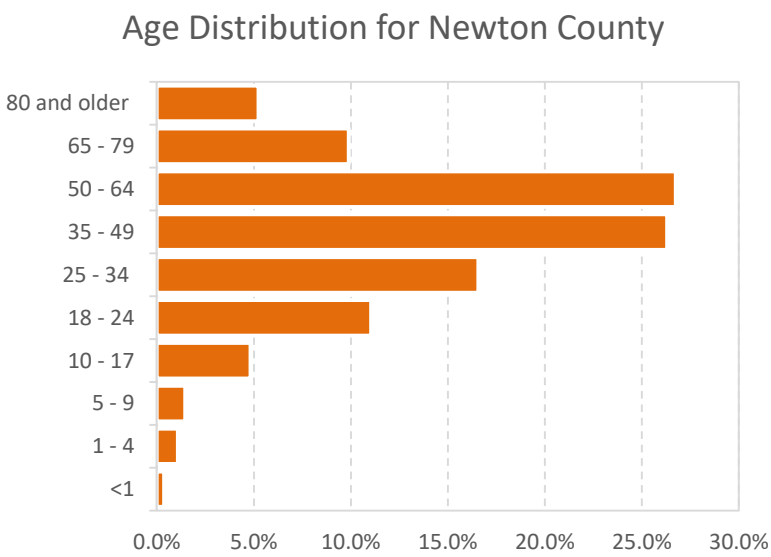
Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

In Newton County there has been a 12.9% increase in newly confirmed COVID-19 Cases between the week of **8/17/20 – 8/24/20 (n=2,132) and 8/24/20 – 8/31/20 (n=2,407).**



COVID-19 Cases & Deaths*	Confirmed Cases	Presumptive Cases	Total Cases†	No. Deaths
Outbreak Related	196	-	196	29
Total	2,257	150	2,407	61

Illness Characteristics*†	Among all Cases (N=2,407)	Among Deaths (N=61)
Gender		
Male	1,011 (42%)	28 (46%)
Female	1,339 (56%)	33 (54%)
Median Age *(in years)*	44	83
Age range *(in years)*	0 – 100	50 - 96
Total Hospitalizations	226	36
% Hospitalized	9%	59%
Total with no Underlying Conditions	326	1
Total with Underlying Conditions	446	28
% with Underlying Conditions *(among those with known status)***	58%	97%
Underlying Conditions unknown	1,635	32

Total COVID-19 Cases & Deaths by Race*†	Among all Cases (N=2,407)	Among Deaths (N=61)	Total COVID-19 Cases & Deaths by Race*†	Among all Cases (N=2,407)	Among Deaths (N=61)
Asian	**11 (0.46%)**	**0 (0%)**	**White**	**680 (28.25%)**	**38 (62.30%)**
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	116 (4.82%)	0 (0%)
Non-Hispanic/ Latino	9 (0.37%)	0 (0%)	Non-Hispanic/ Latino	504 (20.84%)	38 (62.30%)
Not Specified	2 (<0.1%)	0 (0%)	Not Specified	60 (2.49%)	0 (0%)
Black	**815 (33.86%)**	**22 (37.07%)**	**Other**	**52 (2.16%)**	**0 (0%)**
Hispanic/Latino	8 (0.33%)	0 (0%)	Hispanic/Latino	21 (0.87%)	0 (0%)
Non-Hispanic/ Latino	692 (28.75%)	22 (37.07%)	Non-Hispanic/ Latino	4 (0.17%)	0 (0%)
Not Specified	115 (4.78%)	0 (0%)	Not Specified	27 (1.12%)	0 (0%)
Native Hawaiian/Pacific Islander	**0 (0%)**	**0 (0%)**	**Unknown**	**847 (35.19%)**	**1 (1.64%)**
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	16 (0.66%)	0 (0%)
Non-Hispanic/ Latino	0 (0%)	0 (0%)	Non-Hispanic/ Latino	25 (1.04%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	806 (33.49%)	0 (0%)
American Indian/ Native American	**2 (0.08%)**	**0 (0%)**			
Hispanic/Latino	1 (0.04%)	0 (0%)			
Non-Hispanic/Latino	0 (0%)	0 (0%)			
Not specified	1 (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 12pm August 31, 2020*

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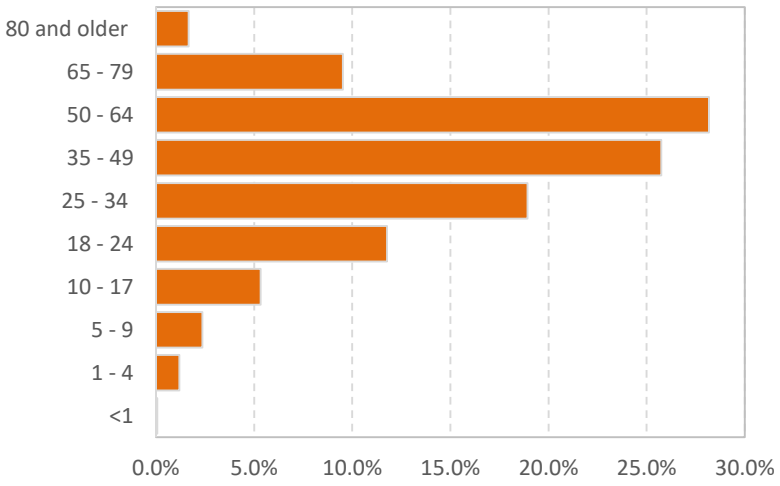
COUNTY HEALTH DEPARTMENTS

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 7.8% increase in newly confirmed COVID-19 Cases between the week of **8/17/2020 – 8/24/2020 (n=1,568) and 8/24/2020 – 8/31/2020 (n=1,690).**

Age Distribution for Rockdale County



COVID-19 Cases & Deaths*	Confirmed Cases	Presumptive Cases	Total Cases†	No. Deaths
Outbreak Related	72	-	72	2
Total	1,633	57	1,690	32

Illness Characteristics*†	Among all Cases (N=1,690)	Among Deaths (N=32)
Gender		
Male	737 (44%)	17 (53%)
Female	914 (54%)	15 (47%)
Median Age *(in years)*	41	70
Age range *(in years)*	0 – 95	27 - 93
Total Hospitalizations	184	26
% Hospitalized	11%	81%
Total with no Underlying Conditions	248	2
Total with Underlying Conditions	374	24
% with Underlying Conditions *(among those with known status)***	60%	92%
Underlying Conditions unknown	1,068	6

Total COVID-19 Cases & Deaths by Race*†	Among all Cases (N=1,690)	Among Deaths (N=32)
Asian	**22 (1.30%)**	**0 (0%)**
Hispanic/Latino	0 (0%)	0 (0%)
Non-Hispanic/ Latino	19 (1.12%)	0 (0%)
Not Specified	3 (0.18%)	0 (0%)
Black	**719 (42.54%)**	**19 (59.38%)**
Hispanic/Latino	7 (0.41%)	0 (0%)
Non-Hispanic/ Latino	612 (36.21%)	18 (56.25%)
Not Specified	100 (5.92%)	1 (3.13%)
Native Hawaiian/Pacific Islander	**2 (0.12%)**	**0 (0%)**
Hispanic/Latino	0 (0%)	0 (0%)
Non-Hispanic/ Latino	2 (0.12%)	0 (0%)
Not Specified	0 (0%)	0 (0%)
American Indian/ Native American	**1 (<0.1%)**	**0 (0%)**
Hispanic/Latino	0 (0%)	0 (0%)
Non-Hispanic/Latino	1 (<0.1%)	0 (0%)
Not Specified	0 (0%)	0 (0.0%)

Total COVID-19 Cases & Deaths by Race*†	Among all Cases (N=1,690)	Among Deaths (N=32)
White	**331 (19.59%)**	**10 (31.25%)**
Hispanic/Latino	136 (8.05%)	2 (6.25%)
Non-Hispanic/ Latino	170 (10.06%)	8 (25.00%)
Not Specified	25 (1.48%)	0 (0%)
Other	**60 (3.55%)**	**1 (3.13%)**
Hispanic/Latino	29 (1.72%)	1 (3.13%)
Non-Hispanic/ Latino	10 (0.59%)	0 (0%)
Not Specified	21 (1.24%)	0 (0%)
Unknown	**555 (32.84%)**	**2 (6.25%)**
Hispanic/Latino	25 (1.48%)	0 (0%)
Non-Hispanic/ Latino	6 (0.36%)	0 (0%)
Not Specified	524 (31.01%)	2 (6.25%)

*Data Source: GA DPH, State Electronic Disease Surveillance System
**Among patients with underlying conditions information available
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Confirmed cases are those tested using Molecular Tests (i.e. PCR).
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