

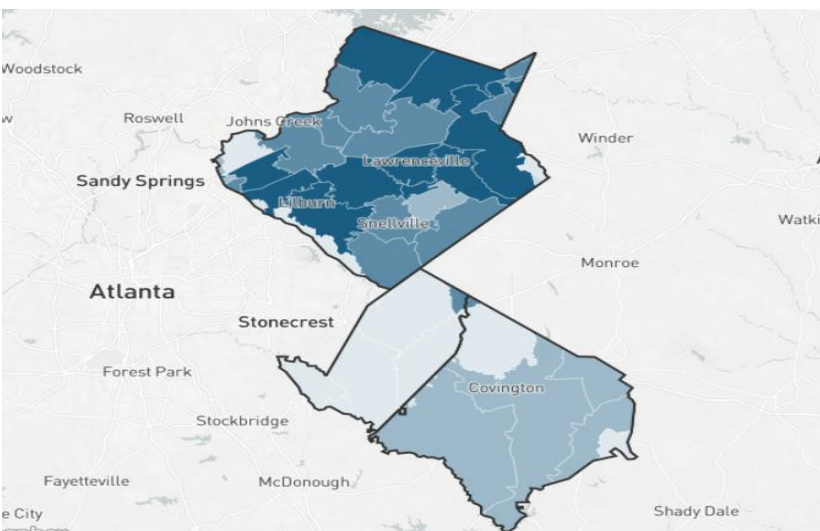
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 District Overview, data as of 1pm August 19, 2021

The COVID-19 pandemic is an emerging and dynamic situation; therefore, our data and recommendations are subject to change. This report provides a snapshot of COVID-19 illnesses, test positivity rates, vaccinations, and outbreaks, 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!



Total Positivity	Georgia	Gwinnett	Newton	Rockdale
Total Tests [†]	14,748,191	1,251,392	139,582	112,929
Total Positive [†]	1,565,965 (10.6%)	145,827 (11.7%)	16,309 (11.7%)	11,841 (10.5%)
Seven Day***	18,860 (17.5%)	857 (12.3%)	190 (18.7%)	116 (15.2%)

COVID-19 Cases & Deaths*					
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths† (%)	
A	Gwinnett	92,888	17,608	110,496	1,232 (1.1%)
	Newton	8,681	4,384	13,065	268 (2.1%)
n	Rockdale	7,046	2,048	9,094	184 (2.0%)
	Total	108,615	24,040	132,655	1,684 (1.3%)
Illness Characteristics*† N=132,655 n=1,684					
			Among all Cases	Among Deaths	
Gender					
	Female	71,399 (53.8%)		790 (46.9%)	
	Male	560,868 (45.9%)		894 (53.1%)	
Median Age (years)		38		74	
Age range (years)		0 – 107		14 – 102	
Total Hospitalizations		7,241 (5.5%)		1,269 (75.4%)	
Total with Underlying Conditions		18,883 (48.5%)**		984 (96.6%)**	
Underlying Conditions unknown		93,719		665	

Total Cases & Deaths by Race* [†] N = 132,655; Total Deaths n=1,684							
	Total Cases	%	Deaths	%		Total Cases	%
Asian	7,518	5.67%	131	7.78%	White	47,502	35.81%
Hispanic/Latino	86	0.06%	<5	0.06%	Hispanic/Latino	11,505	8.67%
Non-Hispanic/ Latino	5,798	4.37%	130	7.72%	Non-Hispanic/ Latino	32,016	24.13%
Not Specified	1,634	1.23%	0	0%	Not Specified	3,981	3.00%
Black	33,359	25.15%	480	28.50%	Other	17,900	13.49%
Hispanic/Latino	738	0.56%	<5	0.12%	Hispanic/Latino	6,435	4.85%
Non-Hispanic/ Latino	29,458	22.21%	477	28.33%	Non-Hispanic/ Latino	1,725	1.30%
Not Specified	3,163	2.38%	<5	0.06%	Not Specified	9,740	7.34%
Native Hawaiian/Pacific Islander	168	0.13%	<5	0.18%	Unknown	26,002	19.60%
Hispanic/Latino	38	0.03%	<5	0.06%	Hispanic/Latino	4,957	3.74%
Non-Hispanic/ Latino	100	0.08%	<5	0.12%	Non-Hispanic/ Latino	1,716	1.29%
Not Specified	30	0.02%	0	0%	Not Specified	19,329	14.57%
American Indian/Alaskan Native	206	0.16%	<5	0.12%			
Hispanic/Latino	62	0.05%	0	0%			
Non-Hispanic/ Latino	88	0.07%	<5	0.12%			
Not Specified	56	0.04%	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

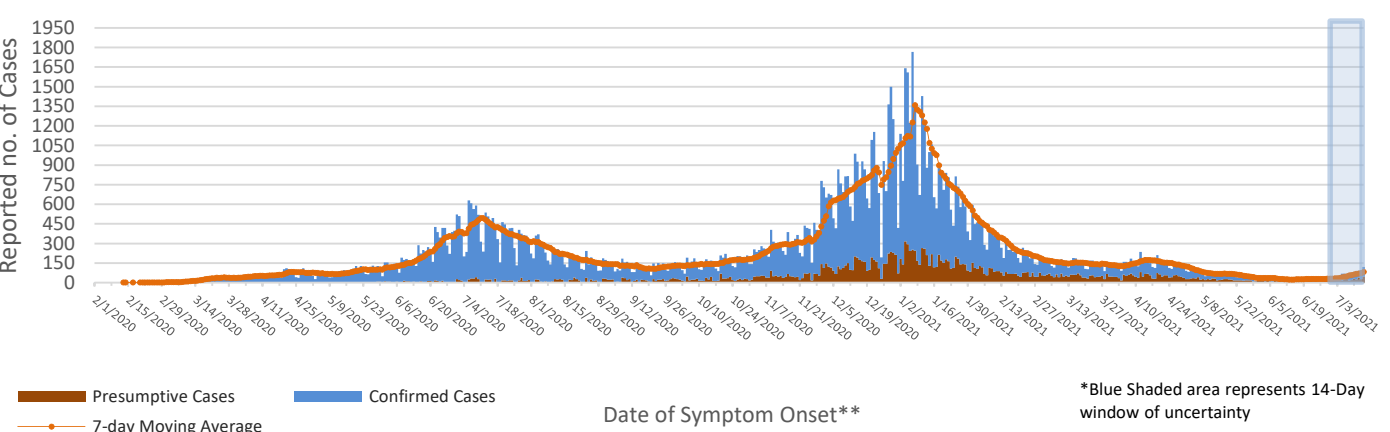


COVID-19 District Overview, data as of 1pm August 19, 2021

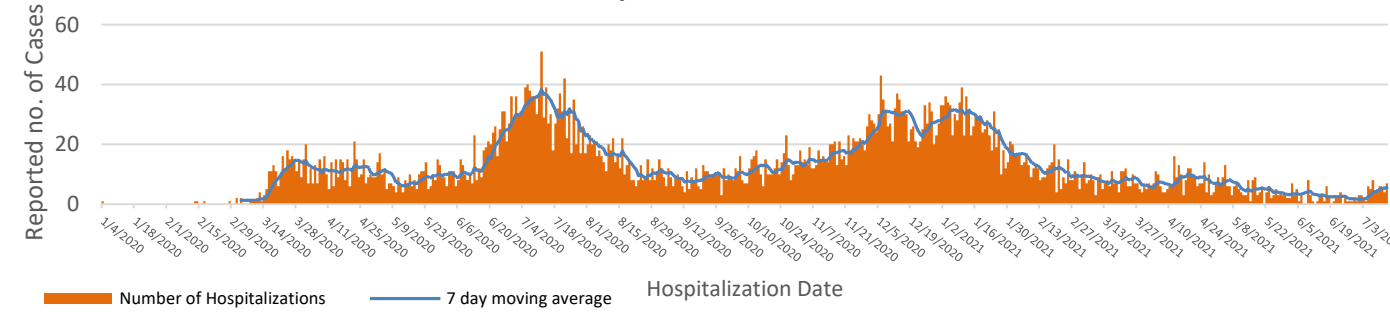
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

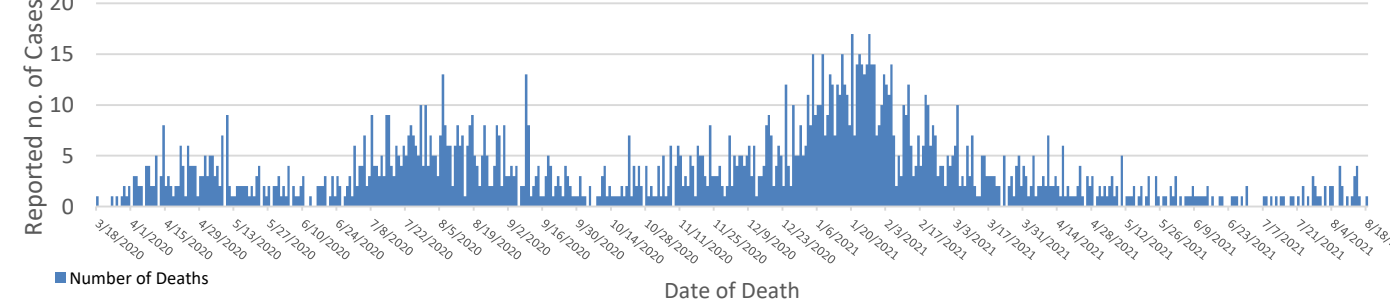
Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 8/19/2021[†]



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 – 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

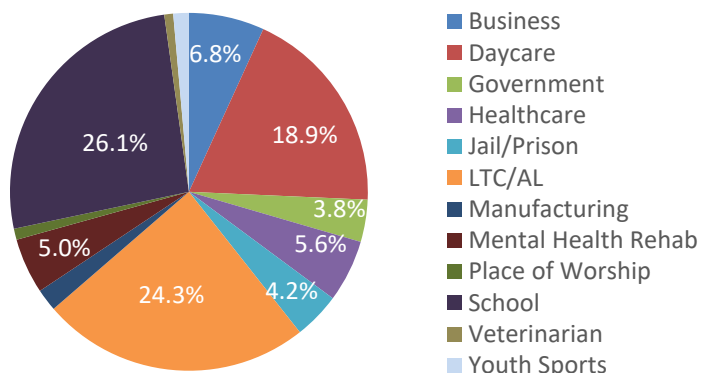
Epidemiology Overview of Outbreaks



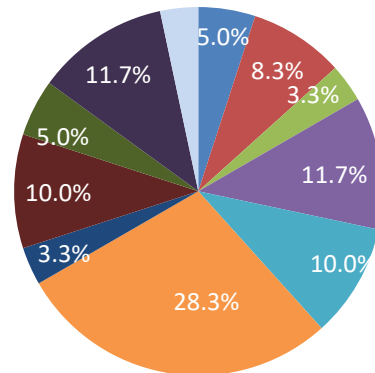
COVID-19 Snapshot, data as 1pm August 19, 2021

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.

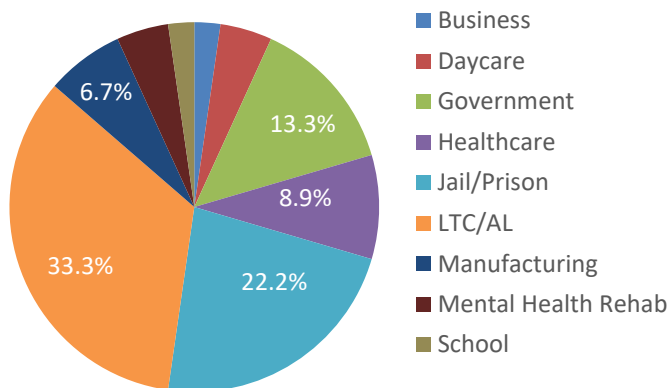
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County

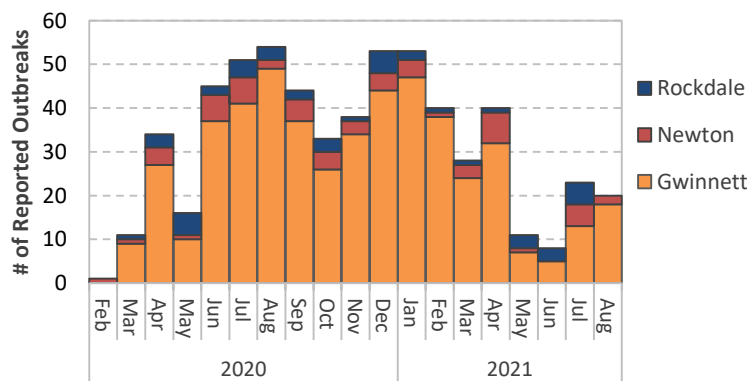


Number of Outbreaks by Facility Type for Rockdale County



- Business
- Daycare
- Government
- Healthcare
- Jail/Prison
- LTC/AL
- Manufacturing
- Mental Health Rehab
- Place of Worship
- School
- Youth Sports

Number of Outbreaks by County Over Time, 8/19/21



Number of Outbreaks by Facility Type N=603

Facility Type	Gwinnett n=498	Newton n=60	Rockdale n=45
Business	6.83%	5.00%	2.22%
Daycare	18.88%	8.33%	4.44%
Government	3.82%	3.33%	13.33%
Healthcare	5.62%	11.67%	8.89%
Jail/Prison	4.22%	10.00%	22.22%
LTC/AL	24.30%	28.33%	33.33%
Manufacturing	2.01%	3.33%	6.67%
Mental Health Rehab	5.02%	10.00%	4.44%
Place of Worship	1.00%	5.00%	0.00%
Schools	26.10%	11.67%	2.22%
Veterinarian	0.80%	0.00%	2.22%
Youth Sports	1.41%	3.33%	0.00%

Epidemiology Overview of COVID-19 Vaccinations Among District Residents

**Data as of 1pm August 19,
2021**



Epidemiology Overview of COVID-19 Vaccinations

% of Gwinnett residents with at least one dose compared with % of Gwinnett population

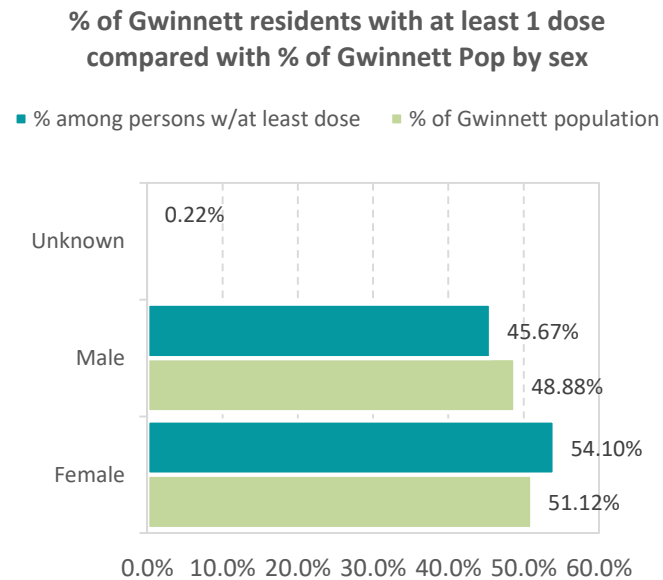
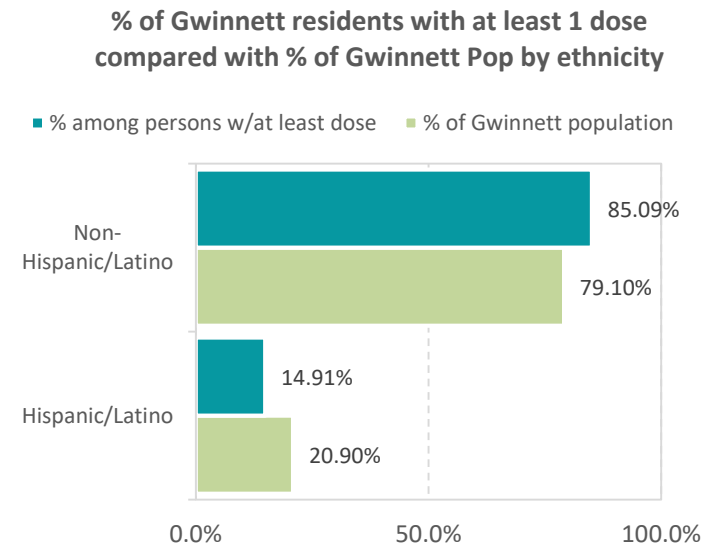
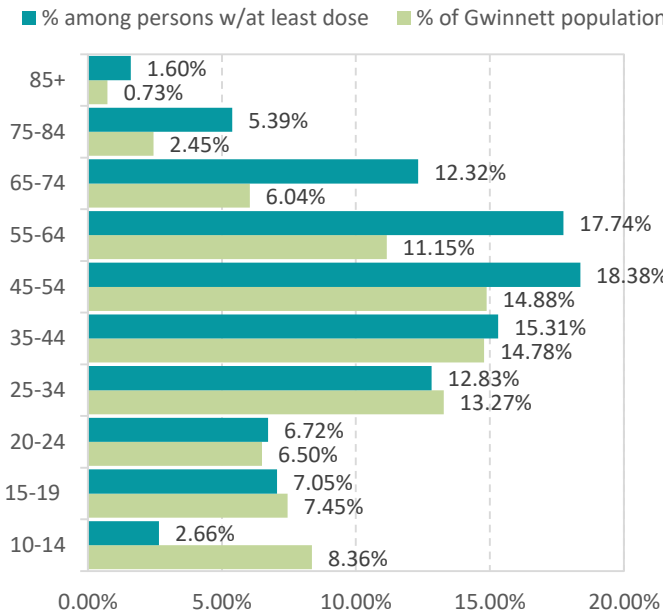
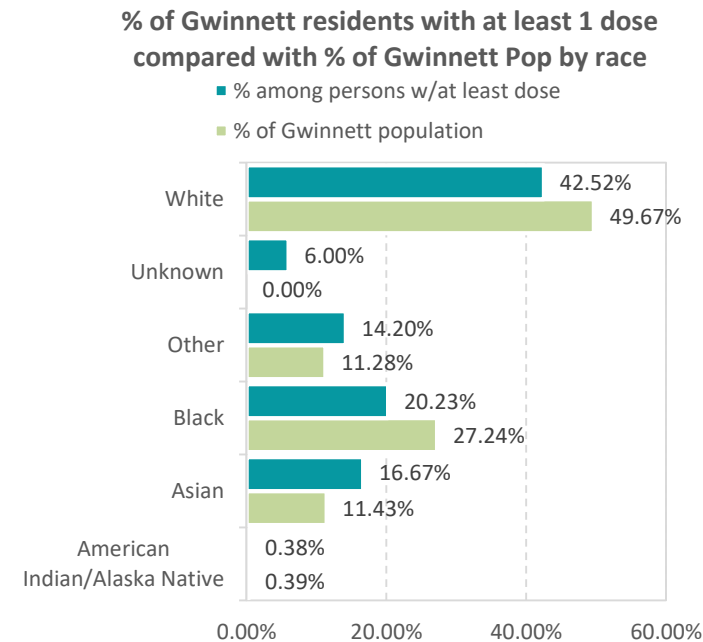
Data as of 1pm August 19, 2021



The data on this page compares the demographic characteristics among Gwinnett residents who have received at least one vaccine dose to the demographic characteristics of the Gwinnett population. The light green bar represents the % of individuals identifying as that group living in Gwinnett. The blue bar represents the % of Gwinnett residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Gwinnett residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the blue bar below would be 20%. For the green bar, if there are 100 residents in Gwinnett and 30 of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

487,119 (53.3%) Residents have received at least one dose.
432,468 (47.3%) Residents are fully vaccinated.

% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by age group

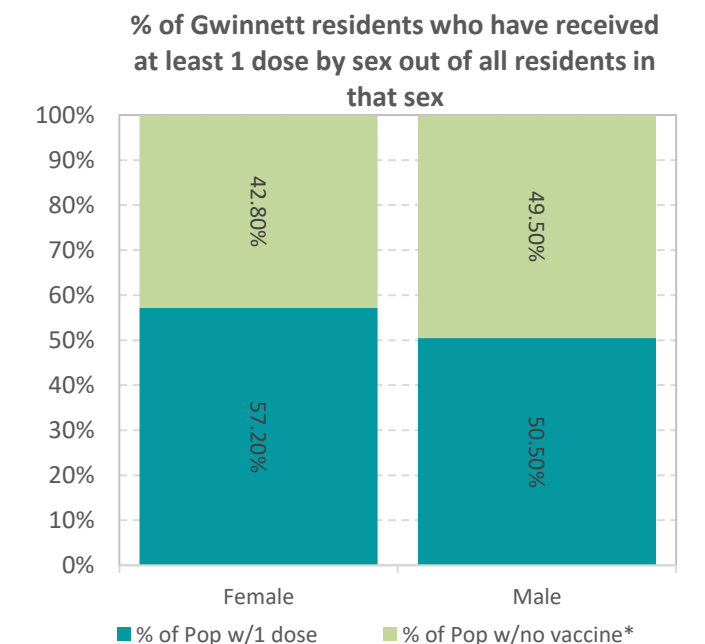
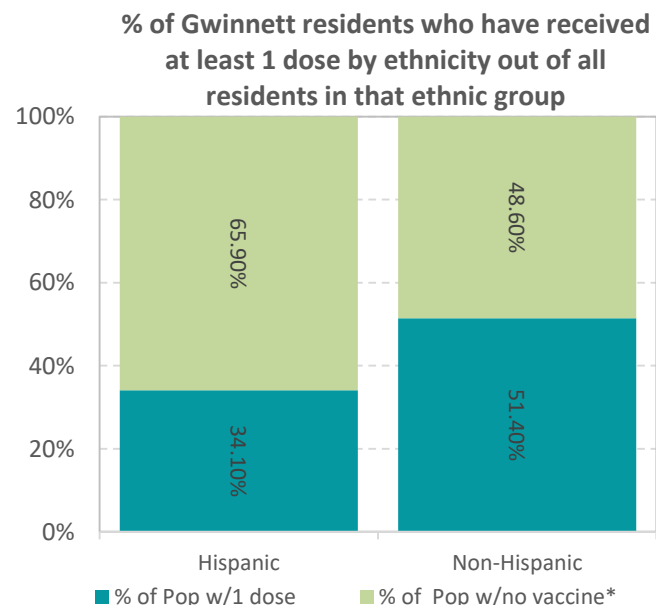
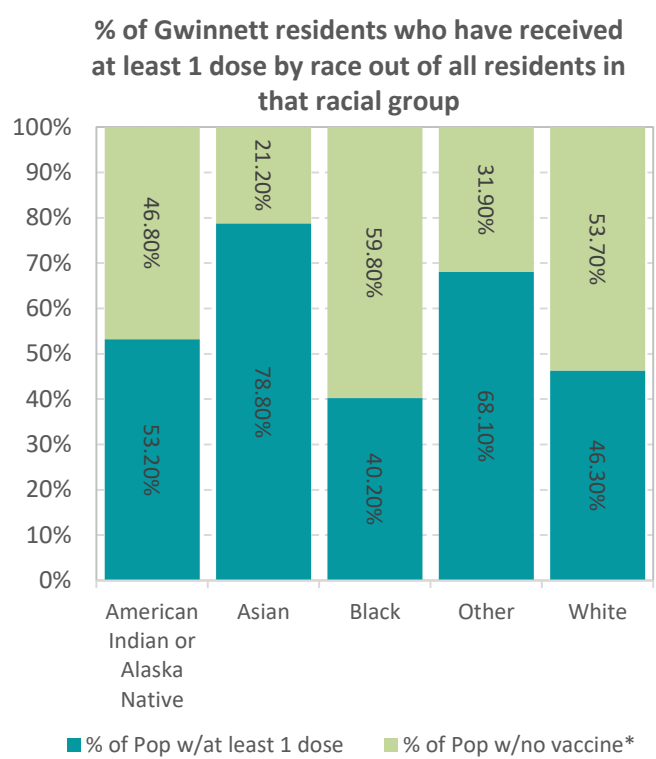


Epidemiology Overview for COVID-19 Vaccinations



Gwinnett Residents, data as of 1pm August 19, 2021

The data on this page represents the percentage of Gwinnett residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Gwinnett that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the blue bar below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

Epidemiology Overview of COVID-19 Vaccinations

% of Newton residents with at least one dose compared with % of Newton population

Data as of 1pm August 19, 2021

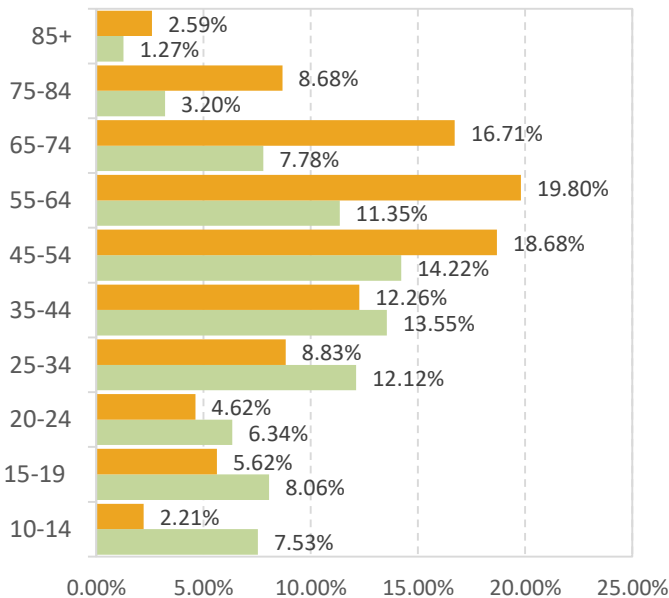


The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar represents the % of Newton residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Newton residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the yellow bar below would be 20%. For the green bar, if there are 100 residents in Newton 30 and of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

42,970 (39.8%) Residents have received at least one dose.
37,029 (34.3%) Residents are fully vaccinated.

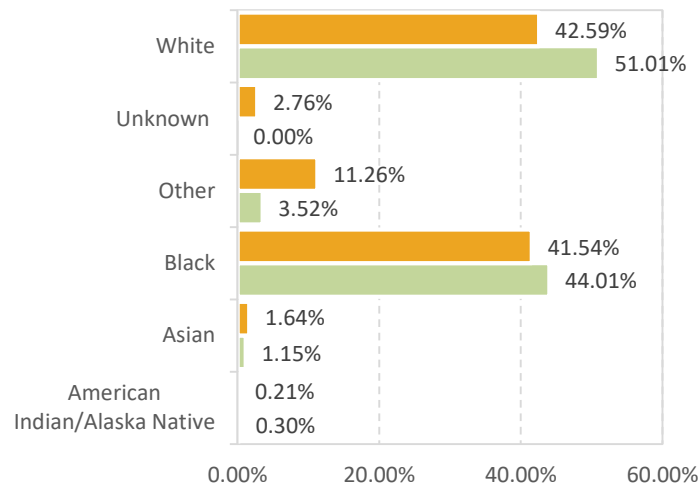
% Newton residents with at least 1 dose compared with % of Newton Pop by age group

■ % among persons w/at least dose ■ % of Newton population



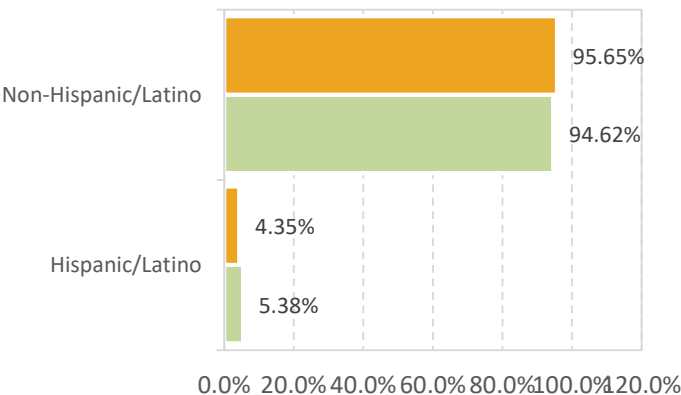
% Newton residents with at least 1 dose compared with % of Newton Pop by race

■ % among persons w/at least dose ■ % of Newton population



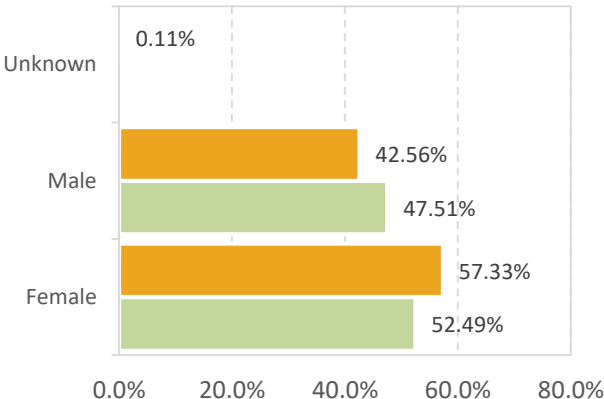
% of Newton residents with at least 1 dose compared with % of Newton Pop by ethnicity

■ % among persons w/at least dose ■ % of Newton population



% of Newton resident with at least 1 dose compared with % of Newton Pop by sex

■ % among persons w/at least dose ■ % of Newton population

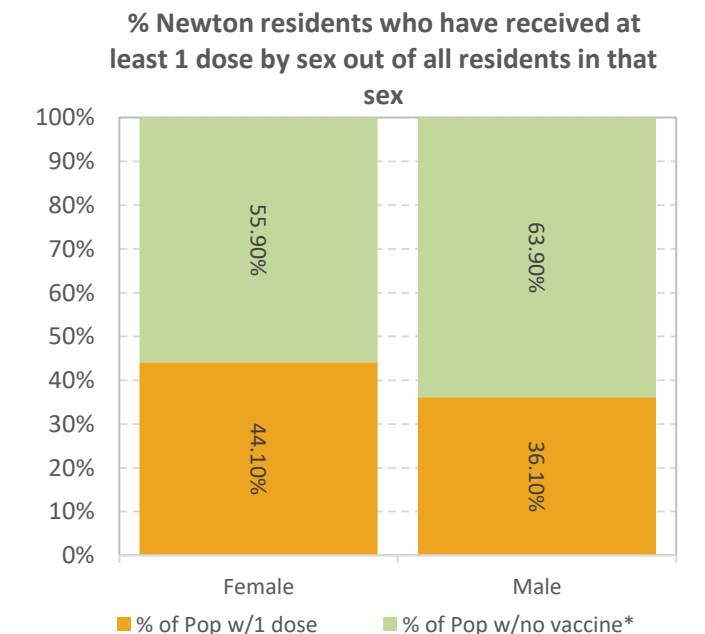
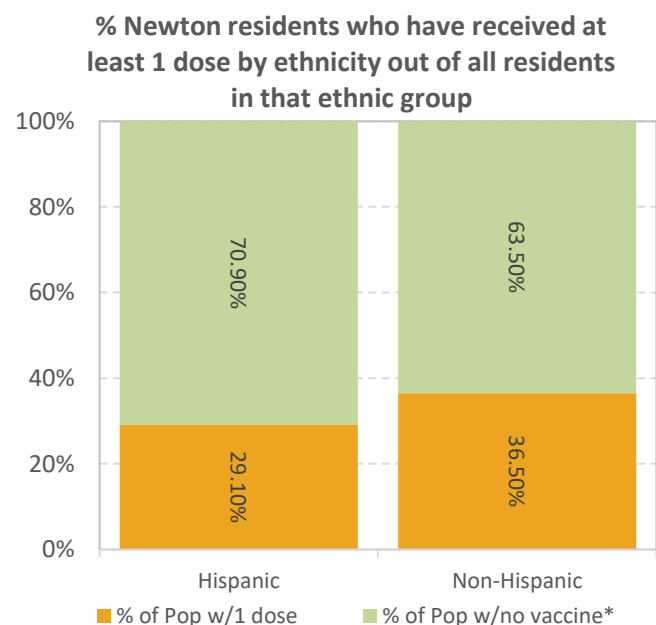
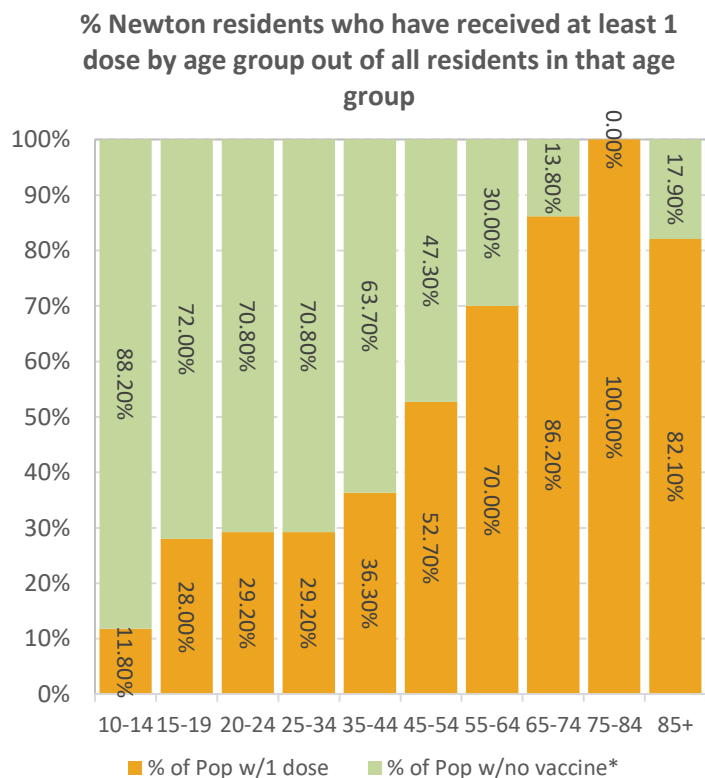
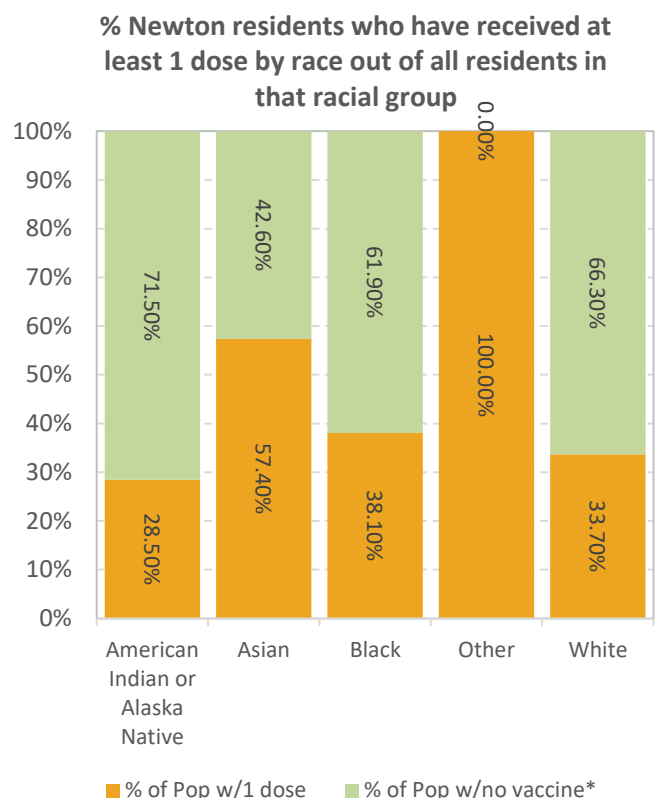


Epidemiology Overview for COVID-19 Vaccinations



Newton Residents, data as of 1pm August 19, 2021

The data on this page represents the percentage of Newton residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Newton that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the yellow bar below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

Epidemiology Overview of COVID-19 Vaccinations

% of Rockdale residents with at least one dose compared with % of Rockdale population

Data as of 1pm August 19, 2021

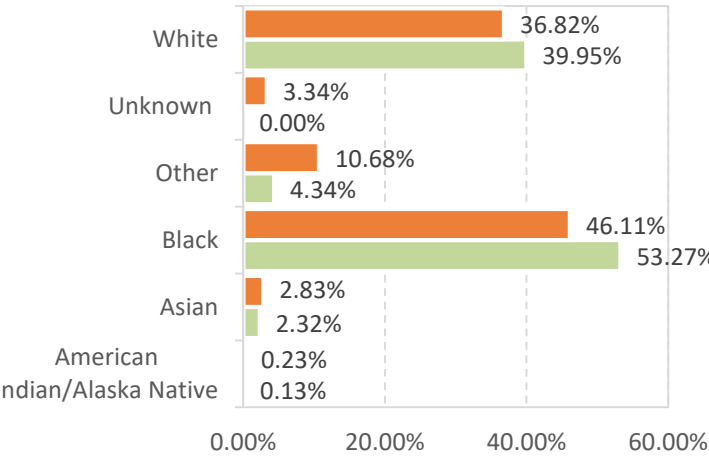


The data on this page compares the demographic characteristics among Rockdale residents who have received at least one vaccine dose to the demographic characteristics of the Rockdale population. The light green bar represents the % of individuals identifying as that group living in Newton. The orange bar represents the % of Rockdale residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Rockdale residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the orange bar below would be 20%. For the green bar, if there are 100 residents in Rockdale 30 and of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

42,674 (47.6%) Residents have received at least one dose.
37,238 (41.5%) Residents are fully vaccinated.

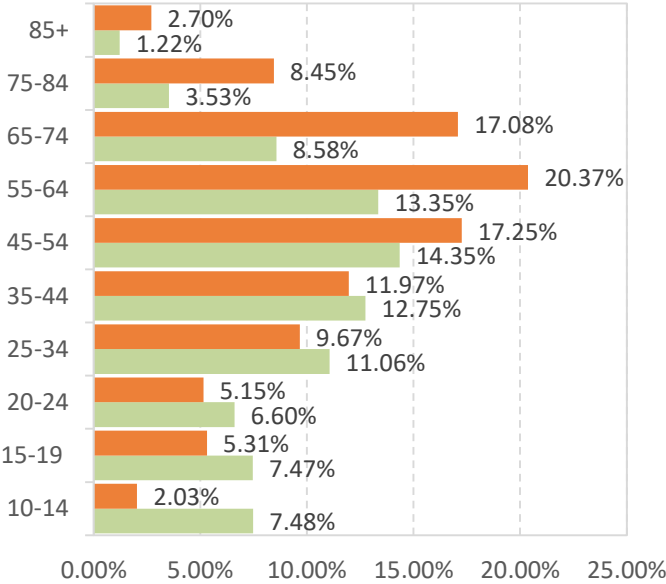
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race

■ % among persons w/at least dose
■ % of Rockdale population by Race



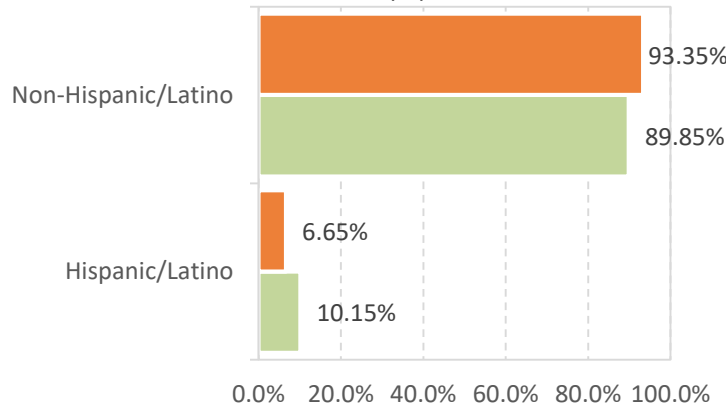
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by age group

■ % among persons w/at least dose
■ % of Rockdale population



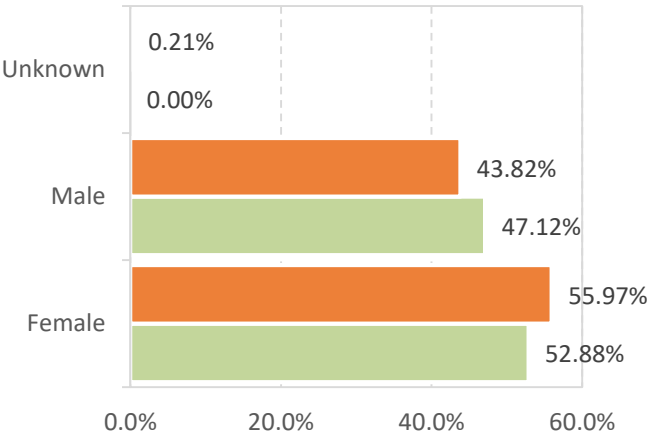
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by ethnicity

■ % among persons w/at least dose
■ % of Rockdale population



% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by sex

■ % among persons w/at least dose
■ % of Rockdale population

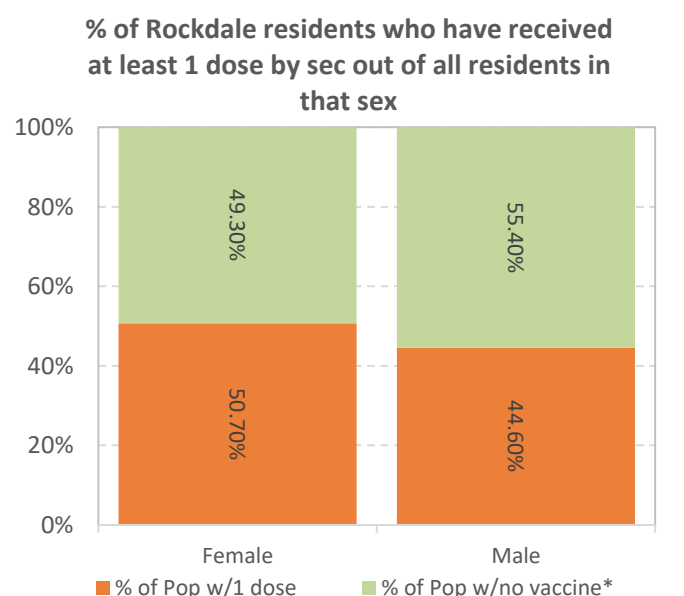
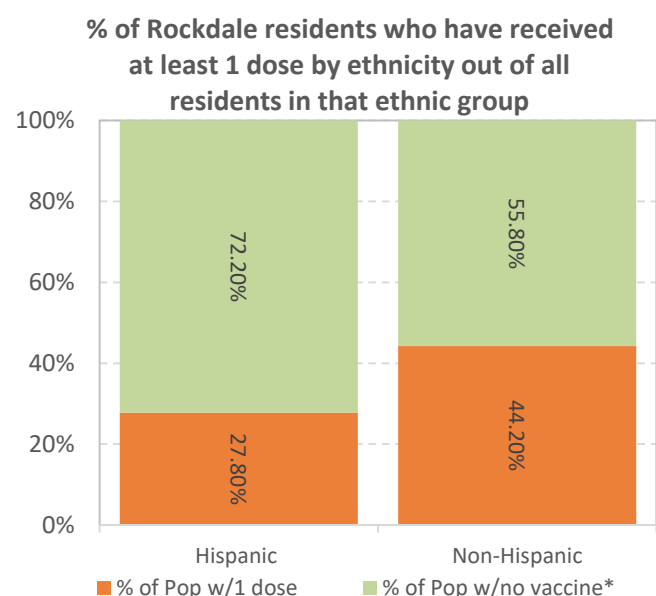
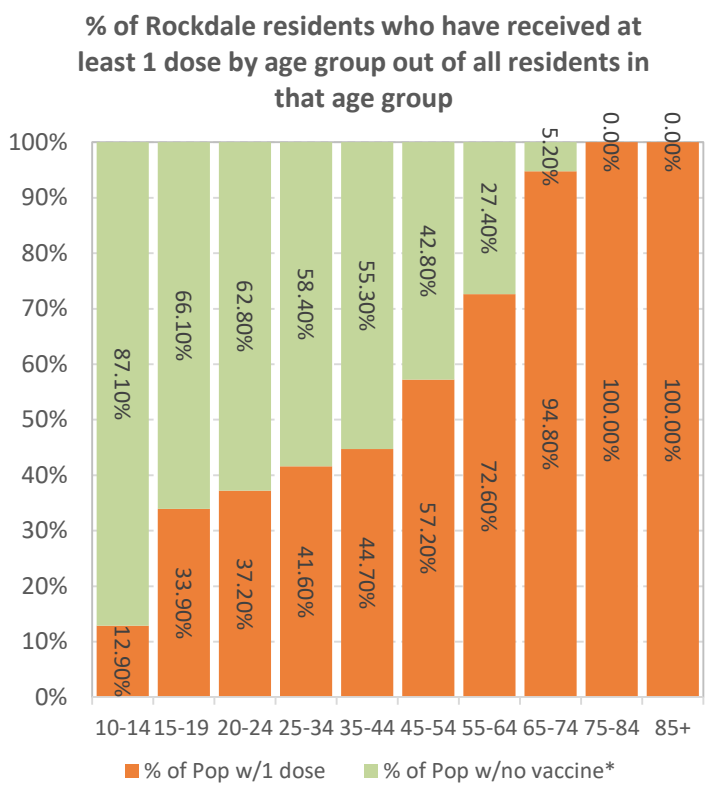
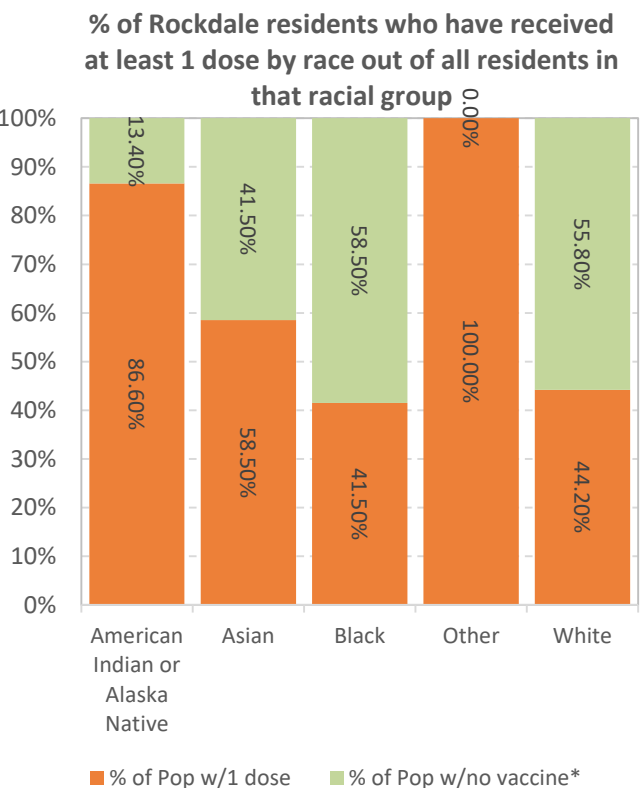


Epidemiology Overview for COVID-19 Vaccinations



Rockdale Residents, data as of 1pm August 19, 2021

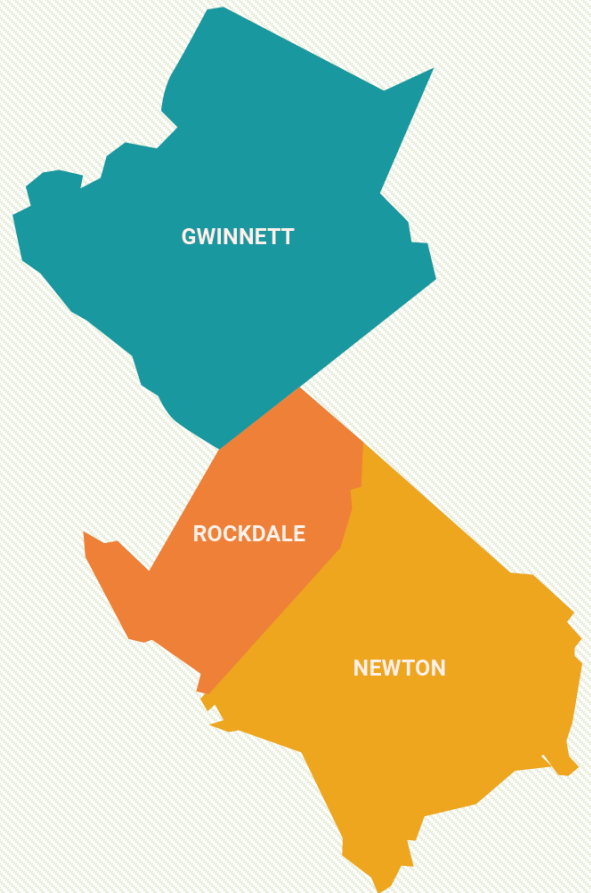
The data on this page represents the percentage of Rockdale residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Rockdale that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the orange below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

Epidemiology Overview of COVID-19 Cases in the District by County of Residence

*Data as of 1pm August 19,
2021*



Epidemiology Overview of Gwinnett County



COVID-19 County Overview, data as of 1pm August 19, 2021

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 2.1% increase in newly confirmed COVID-19 Cases between the week of 8/05/2021 – 8/12/2021 (N=108,201) and 8/12/2021 – 8/19/2021 (N=110,496).

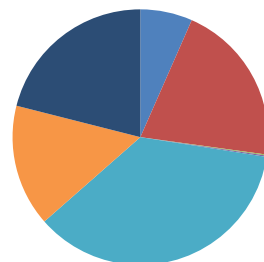
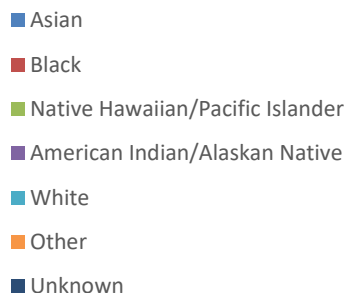
COVID-19 Cases & Deaths*

	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths† (%)
Outbreak	3,135	497	3,632	240 (6.6%)
Total	92,888	17,608	110,496	1,232 (1.1%)

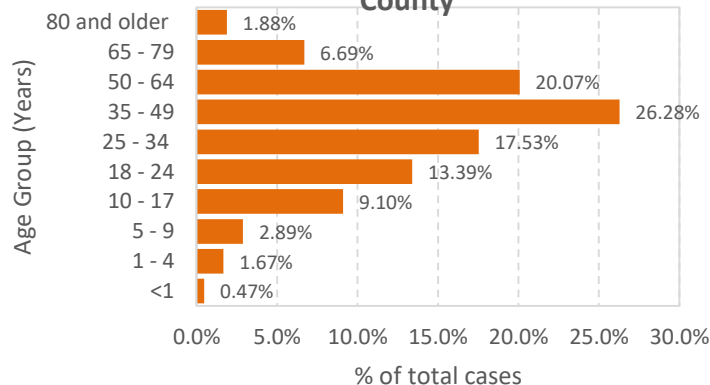
Illness Characteristics*† N=110,496; n=1,232

	Among all Cases	Among Deaths
Gender		
Female	58,891 (53.3%)	573 (46.5%)
Male	51,286 (46.4%)	659 (53.5%)
Median Age (years)	37	74
Age range (years)	0 – 107	14 – 102
Total Hospitalizations	5,530 (5.0%)	961 (78.0%)
Total with Underlying Conditions	14,936 (46.7%)**	691 (96.2%)**
Underlying Conditions unknown	78,479	514

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



Total Cases & Deaths by Race*† N = 110,496; Total Deaths n=1,232

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	7,278	6.59%	127	10.31%	White	39,833	36.05%	682	55.36%
Hispanic/Latino	83	0.08%	<5	0.08%	Hispanic/Latino	10,721	9.70%	119	9.66%
Non-Hispanic/ Latino	5,596	5.06%	126	10.32%	Non-Hispanic/Latino	25,742	23.30%	560	45.45%
Not Specified	1,599	1.45%	0	0%	Not Specified	3,370	3.05%	>5	0.24%
Black	22,752	20.59%	290	23.54%	Other	17,054	15.43%	127	10.31%
Hispanic/Latino	586	0.53%	<5	0.16%	Hispanic/Latino	6,115	5.53%	118	9.58%
Non-Hispanic/Latino	19,873	17.99%	287	23.30%	Non-Hispanic/Latino	1,493	1.35%	9	0.73%
Not Specified	2,293	2.08%	<5	0.08%	Not Specified	9,446	8.55%	0	0%
Native Hawaiian/Pacific Islander	149	0.13%	<5	0.24%	Unknown	23,252	21.04%	<5	0.24%
Hispanic/Latino	36	0.03%	<5	0.08%	Hispanic/Latino	4,649	4.21%	<5	0.24%
Non-Hispanic/Latino	85	0.08%	<5	0.16%	Non-Hispanic/Latino	1,395	1.26%	0	0%
Not Specified	28	0.03%	0	0%	Not Specified	17,208	15.57%	0	0%
American Indian/Alaskan Native	178	0.16%	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	60	0.05%	0	0%					
Non-Hispanic/Latino	71	0.06%	0	0%					
Not Specified	47	0.04%	0	0%					

Epidemiology Overview of Newton County

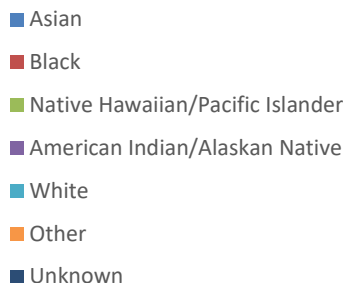


COVID-19 County Overview, data as of 1pm August 19, 2021

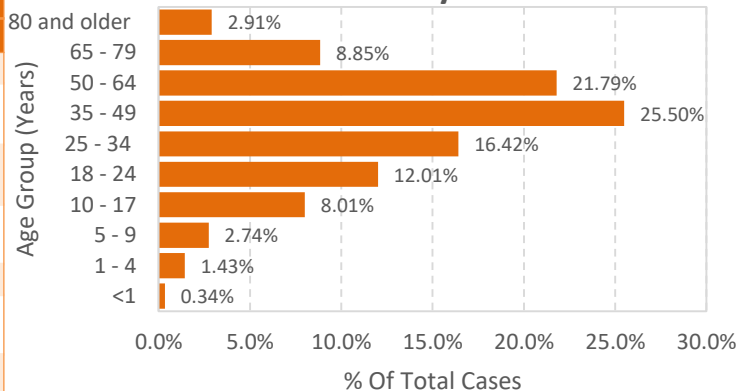
Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111,744 and makes up 9.8% of residents within the district.

In Newton County there has been a 4.8% increase in newly confirmed COVID-19 Cases between the week of 8/5/2021 – 8/12/2021 (N=12,468) and 8/12/2021 – 8/19/2021 (N=13,065).

Race Distribution of Cases in Newton County



Age Distribution of Cases in Newton County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deathst (%)
Outbreak	483	130	613 81 (13.2%)
Total	8,681	4,384	13,065 268 (2.1%)
Illness Characteristics*† N=13,065; n=268			
	Among all Cases		Among Deaths
Gender			
Female	7,335 (56.1%)		128 (47.8%)
Male	5,693 (43.6%)		140 (52.2%)
Median Age (years)	40		74
Age range (years)	0 – 100		21 – 98
Total Hospitalizations	740 (5.7%)		164 (61.2%)
Total with Underlying Conditions	2,068 (54.5%)**		152 (96.8%)**
Underlying Conditions unknown	9,272		111

Total Cases & Deaths by Race*† N =13,065; Total Deaths n=268

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	134	1.03%	<5	0.75%	White	5,252	40.20%	155	57.84%
Hispanic/Latino	3	0.02%	0	0%	Hispanic/Latino	379	2.90%	<5	1.12%
Non-Hispanic/ Latino	116	0.89%	<5	0.75%	Non-Hispanic/Latino	4,457	34.11%	152	56.72%
Not Specified	15	0.11%	0	0%	Not Specified	416	3.18%	0	0%
Black	5,632	43.11%	107	39.93%	Other	414	3.17%	<5	1.12%
Hispanic/Latino	79	0.60%	0	0%	Hispanic/Latino	141	1.08%	<5	0.75%
Non-Hispanic/Latino	5,085	38.92%	106	39.93%	Non-Hispanic/Latino	130	1.00%	0	0%
Not Specified	468	3.58%	0	0%	Not Specified	143	1.09%	0	0%
Native Hawaiian/Pacific Islander	12	0.09%	0	0%	Unknown	1,608	12.31%	0	0%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	136	1.04%	0	0%
Non-Hispanic/Latino	10	0.08%	0	0%	Non-Hispanic/Latino	183	1.40%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,289	9.87%	0	0%
American Indian/Alaskan Native	13	0.10%	<5	0.37%	*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	7	0.05%	<5	0.37%					
Not Specified	6	0.05%	0	0%					

Epidemiology Overview of Rockdale County



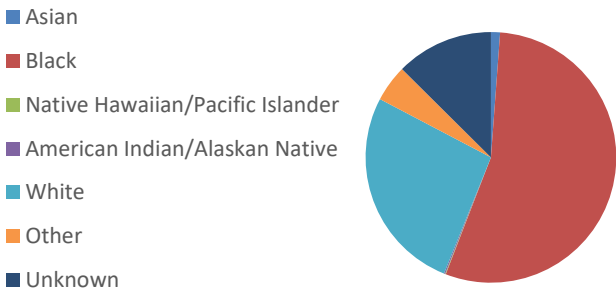
COVID-19 County Overview, *data as of 1pm August 19, 2021*

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.

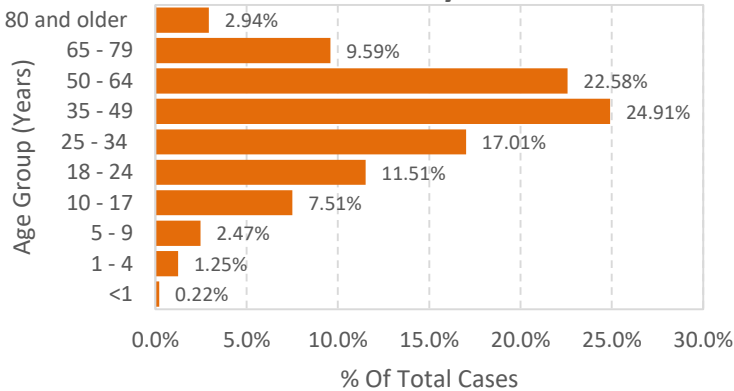
In Rockdale County there has been a 3.8% increase in newly confirmed COVID-19 Cases between the week of **8/05/2021 – 8/12/2021 (N=8,762)** and **8/12/2021 – 8/19/2021 (N=9,094)**.

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths† (%)
Outbreak	375	78	453	47 (10.4%)
Total	7,046	2,048	9,094	184 (2.0%)
Illness Characteristics*† N=9,094; n=184				
	Among all Cases		Among Deaths	
Gender				
Female	5,173 (56.9%)		89 (48.4%)	
Male	3,889 (42.8%)		95 (51.6%)	
Median Age (years)	41		74	
Age range (years)	0 – 100		27 – 100	
Total Hospitalizations	971 (10.7%)		144 (78.3%)	
Total with Underlying Conditions	1,879 (60.1%)**		141 (97.9%)**	
Underlying Conditions unknown	5,968		40	

Race Distribution of Cases in Rockdale County



Age Distribution of Cases in Rockdale County



Total Cases & Deaths by Race*† N =9,094; Total Deaths n=184								
	Total Cases	%	Deaths	%		Total Cases	%	Deaths
Asian	106	1.17%	<5	1.09%	White	2,417	26.58%	94
Hispanic/Latino	0	0%	0	0%	Hispanic/Latino	405	4.45%	6
Non-Hispanic/Latino	86	0.95%	<5	1.09%	Non-Hispanic/Latino	1,817	19.98%	88
Not Specified	20	0.22%	0	0%	Not Specified	195	2.14%	0
Black	4,975	54.71%	83	45.11%	Other	432	4.75%	<5
Hispanic/Latino	73	0.80%	0	0%	Hispanic/Latino	179	1.89%	<5
Non-Hispanic/Latino	4,500	49.48%	83	45.11%	Non-Hispanic/Latino	102	1.12%	0
Not Specified	402	4.42%	0	0%	Not Specified	151	1.66%	0
Native Hawaiian/Pacific Islander	7	0.08%	0	0%	Unknown	1,142	12.56%	0
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	172	1.89%	0
Non-Hispanic/Latino	5	0.05%	0	0%	Non-Hispanic/Latino	138	1.52%	0
Not Specified	<5	0.01%	0	0%	Not Specified	832	9.15%	0
American Indian/Alaskan Native	15	0.16%	<5	0.54%	*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	0.02%	0	0%				
Non-Hispanic/Latino	10	0.11%	<5	0.54%				
Not Specified	<5	0.03%	0	0%				

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