

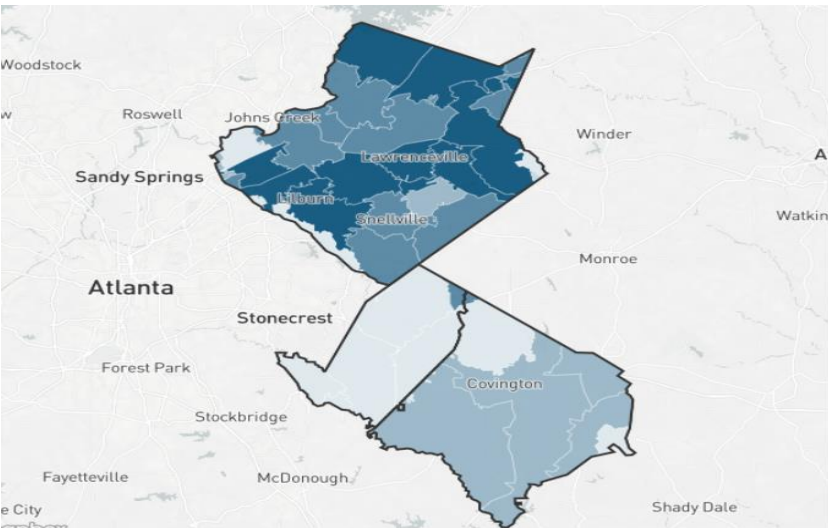
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 District Overview, data as of 1pm March 17, 2022

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 click the image below!



COVID-19 Cases & Deaths*				
	Confirmed Cases	Probable Cases	Total Cases†	Total Deathst (%)
Gwinnett	172,154	32,183	204,337	1,807 (0.9%)
Newton	17,891	6,407	24,298	436 (1.8%)
Rockdale	14,822	3,332	18,154	313 (1.7%)
Total	204,867	41,922	246,789	2,556 (1.0%)

Illness Characteristics*† N=246,789 n=2,556				
	Total Cases		Deaths	
	N	%	n	%
Gender				
Female	134,150	54.4%	1,184	46.3%
Male	111,150	45.0%	1,372	53.7%
Median Age (years)		36		73
Age range (years)		0 – 107		0 – 102
Total Hospitalizations	11,583	4.7%	1,914	74.9%
Total with Underlying Conditions	25,872	49.7%**	1,271	95.5%**
Underlying Conditions unknown		194,701		1,225

	Georgia	Gwinnett	Newton	Rockdale
Total Tests†	22,903,036	1,966,559	235,910	177,191
Total Positive†	2,678,533 (11.7%)	246,279 (12.5%)	28,119 (11.9%)	21,912 (12.4%)
Seven Day***	3,576 (2.5%)	253 (2.0%)	32 (1.2%)	26 (2.4%)

Total Cases & Deaths by Race*† N = 246,789; Total Deaths n=2,556

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
American Indian/Alaskan Native	476	0.19%	<5	0.08%	Other	24,127	9.78%	164	6.42%
Hispanic/Latino	200	0.08%	0	0%	Hispanic/Latino	10,691	4.33%	148	5.79%
Non-Hispanic/ Latino	201	0.08%	<5	0.08%	Non-Hispanic/ Latino	4,449	1.80%	16	0.63%
Not Specified	75	0.03%	0	0%	Not Specified	8,987	3.64%	0	0%
Asian	15,488	6.28%	177	6.92%	Unknown	61,460	24.90%	5	0.20%
Hispanic/Latino	258	0.10%	<5	0.04%	Hispanic/Latino	10,955	4.44%	<5	0.12%
Non-Hispanic/ Latino	12,670	5.13%	176	6.89%	Non-Hispanic/ Latino	3,084	1.25%	<5	0.04%
Not Specified	2,560	1.04%	0	0%	Not Specified	47,421	19.22%	<5	0.04%
Black	64,868	26.28%	773	30.24%	White	79,965	32.40%	1,431	55.99%
Hispanic/Latino	1,866	0.76%	8	0.31%	Hispanic/Latino	19,263	7.81%	182	7.12%
Non-Hispanic/ Latino	58,080	23.53%	764	29.89%	Non-Hispanic/ Latino	55,996	22.69%	1,247	48.79%
Not Specified	4,922	1.99%	<5	0.04%	Not Specified	4,706	1.91%	<5	0.08%
Native Hawaiian/Pacific Islander	405	0.16%	<5	0.16%					
Hispanic/Latino	171	0.07%	<5	0.08%					
Non-Hispanic/ Latino	156	0.06%	<5	0.08%					
Not Specified	78	0.03%	0	0%					

*Data Source: GA DPH, State Electronic Disease Surveillance System
 **Among patients with underlying conditions information available
 ***7-day positivity data represents the percentage of positive PCR test results in the district, by county, for the previous 7-day period. 3/10/2022 – 3/16/2022.
 † Represents total confirmed and probable cases
 Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.

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

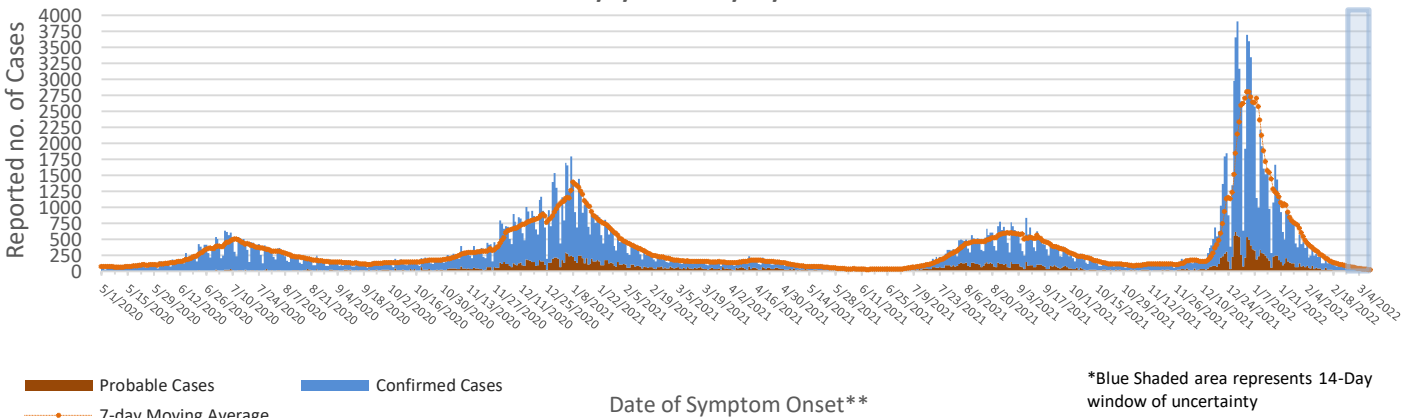


COVID-19 District Overview, data as of 1pm March 17, 2022

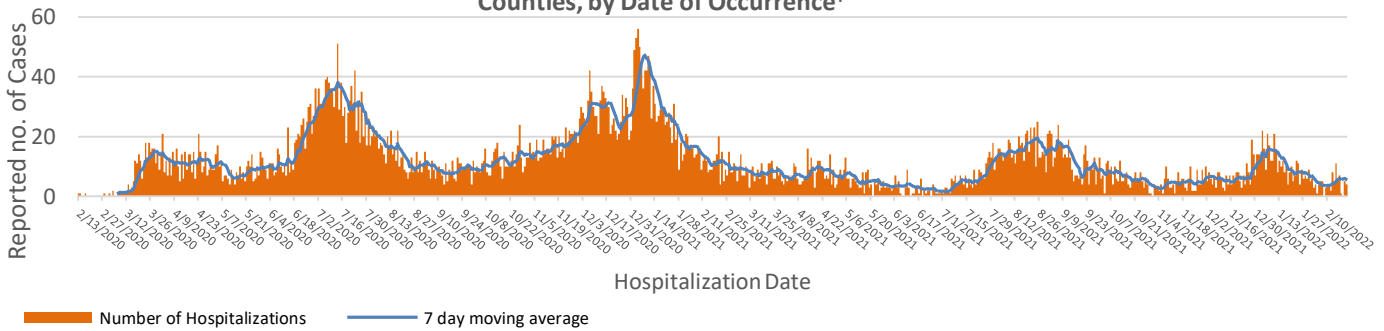
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

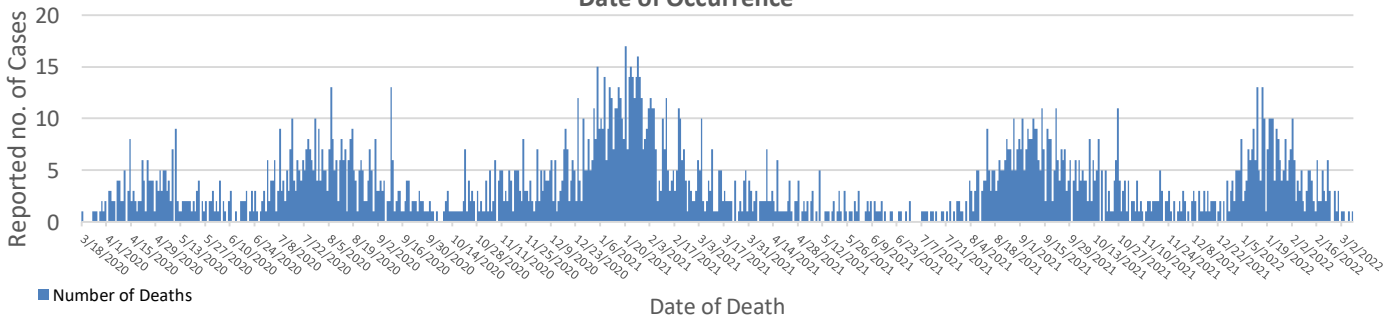
Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, 5/1/2020 – 3/17/2022[†]



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

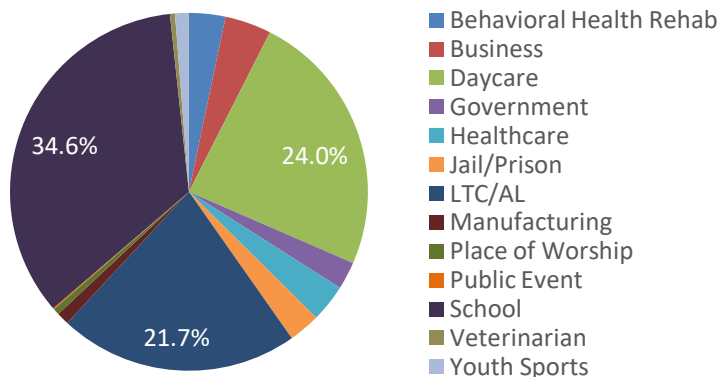
Epidemiology Overview of Outbreaks



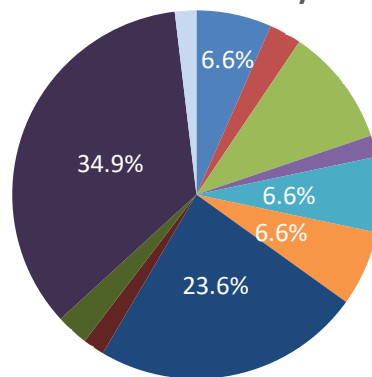
COVID-19 Snapshot, data as 1pm March 17, 2022

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.

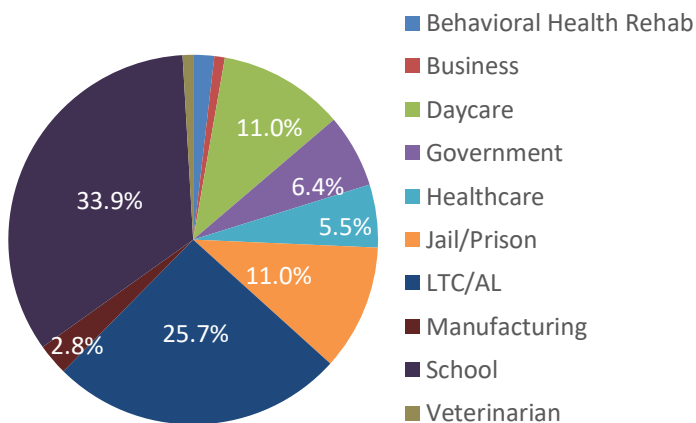
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County

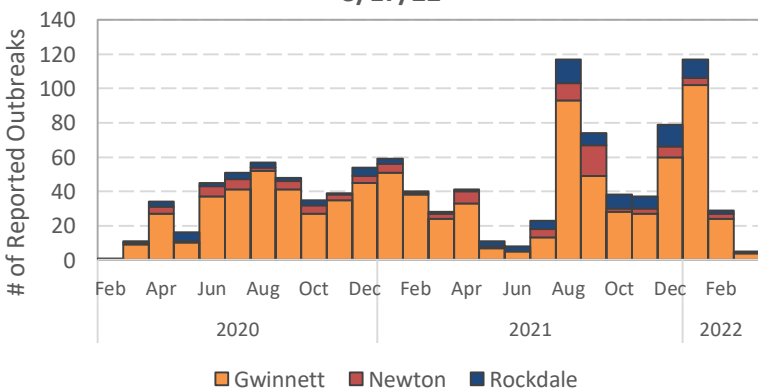


Number of Outbreaks by Facility Type for Rockdale County



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

Number of Outbreaks by County Over Time, 3/17/22

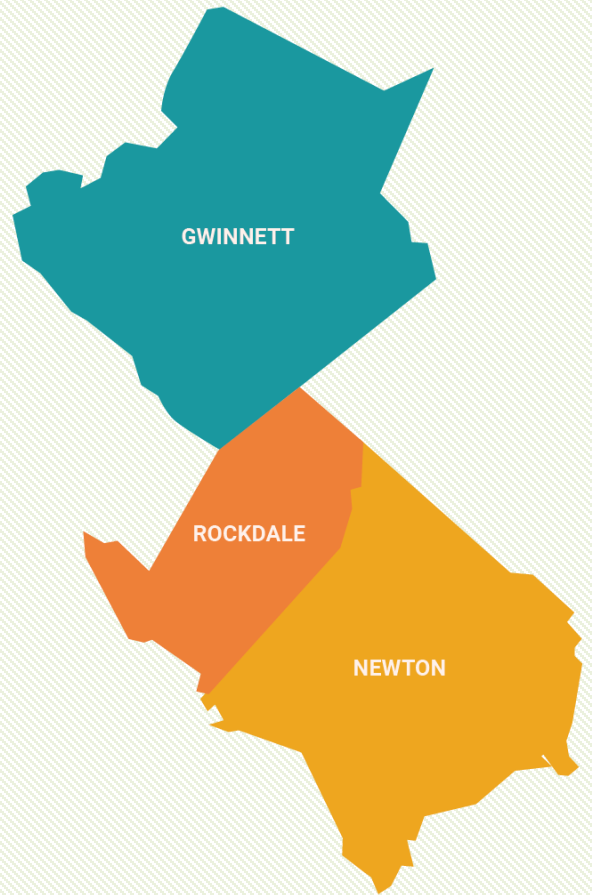


Number of Outbreaks by Facility Type N=1,097			
Facility Type	Gwinnett n=882	Newton n=106	Rockdale n=109
Behavioral Health Rehab	3.29%	6.60%	1.83%
Business	4.20%	2.83%	0.92%
Daycare	24.04%	10.38%	11.01%
Government	2.49%	1.89%	6.42%
Healthcare	3.40%	6.60%	5.50%
Jail/Prison	2.83%	6.60%	11.01%
LTC/AL	21.66%	23.58%	25.69%
Manufacturing	1.13%	1.89%	2.75%
Place of Worship	0.57%	2.83%	0.00%
Public Event	0.11%	0.00%	0.00%
School	34.58%	34.91%	33.94%
Veterinarian	0.45%	0.00%	0.92%
Youth Sports	1.25%	1.89%	0.00%

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 of COVID-19 Vaccinations Among District Residents

Data as of 1pm March 17, 2022



Epidemiology Overview of COVID-19 Vaccinations



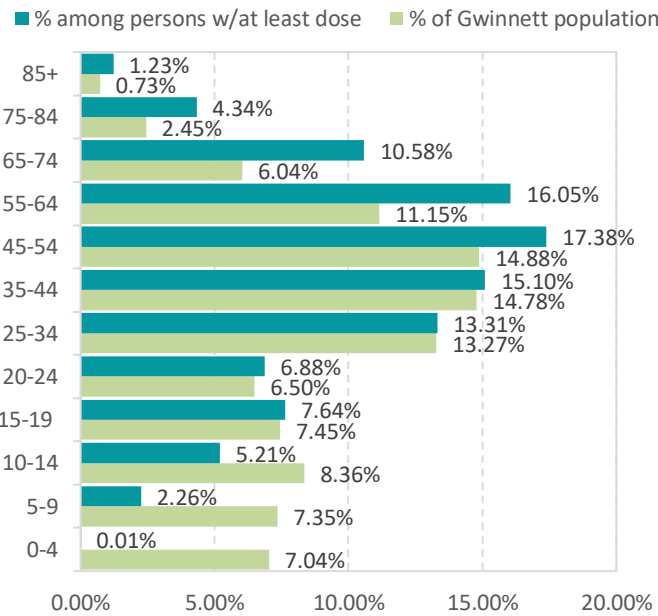
% of Gwinnett residents with at least one dose compared with % of Gwinnett population

Data as of 1pm March 17, 2022

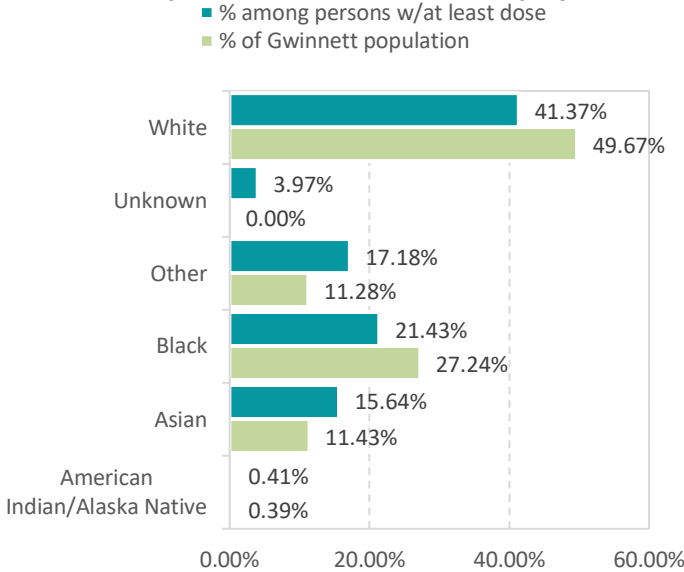
The data on this page compares the demographic characteristics among Gwinnett residents who have received at least one vaccine dose to the demographic characteristics of the Gwinnett population. The light green bar represents the % of individuals identifying as that group living in Gwinnett. The blue 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.

577,728 (63.1%) Residents have received at least one dose.
533,219 (58.3%) Residents are fully vaccinated.
228,798 (25.0%) Residents are fully vaccinated with a booster.

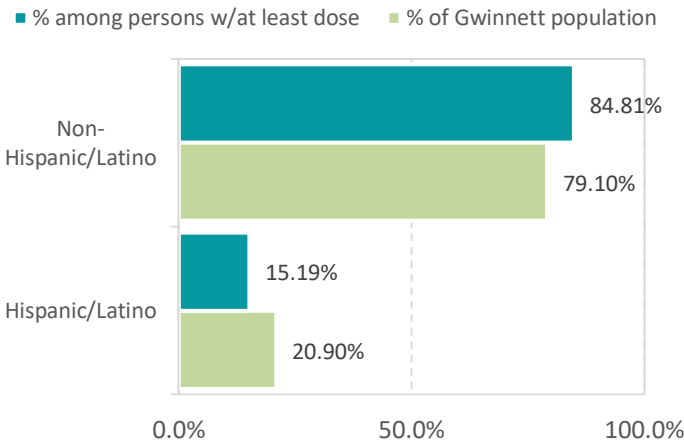
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by age group



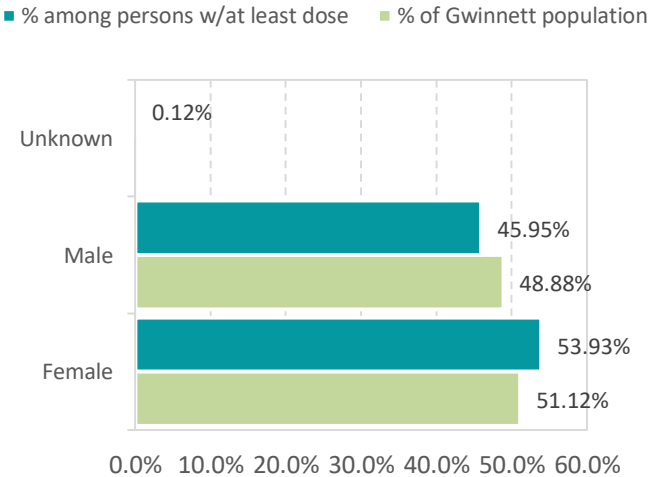
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by race



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



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



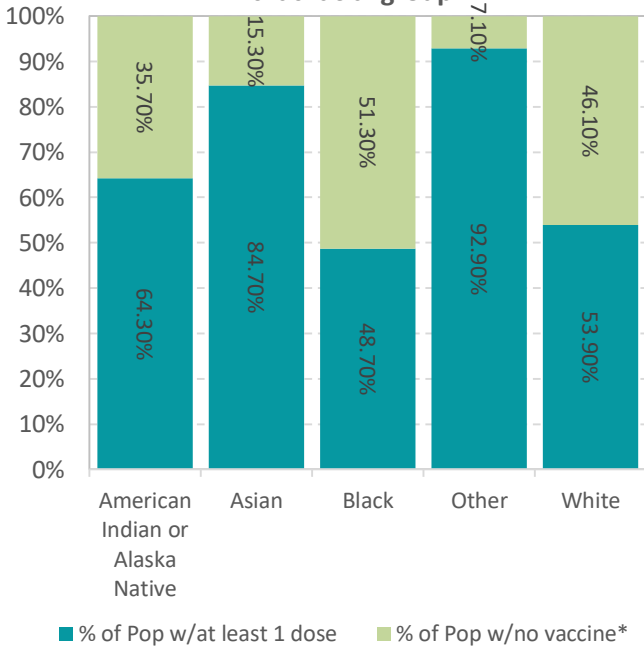
Epidemiology Overview for COVID-19 Vaccinations



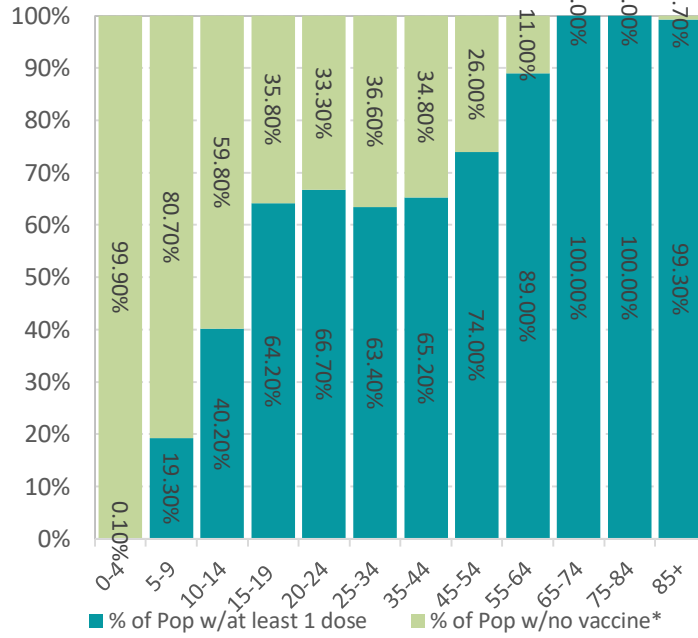
Gwinnett Residents, data as of 1pm March 17, 2022

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.

% of Gwinnett residents who have received at least 1 dose by race out of all residents in that racial group



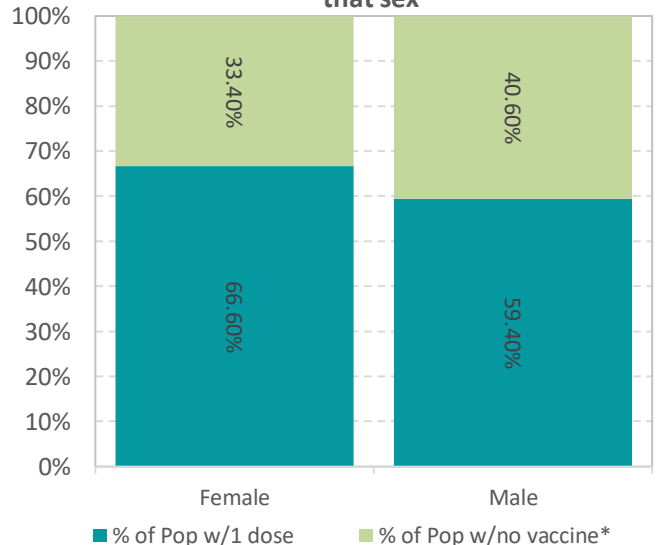
% of Gwinnett residents who have received at least 1 dose by age group out of all residents in that age group



% of Gwinnett residents who have received at least 1 dose by ethnicity out of all residents in that ethnic group



% of Gwinnett residents who have received at least 1 dose by sex out of all residents in that sex



*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

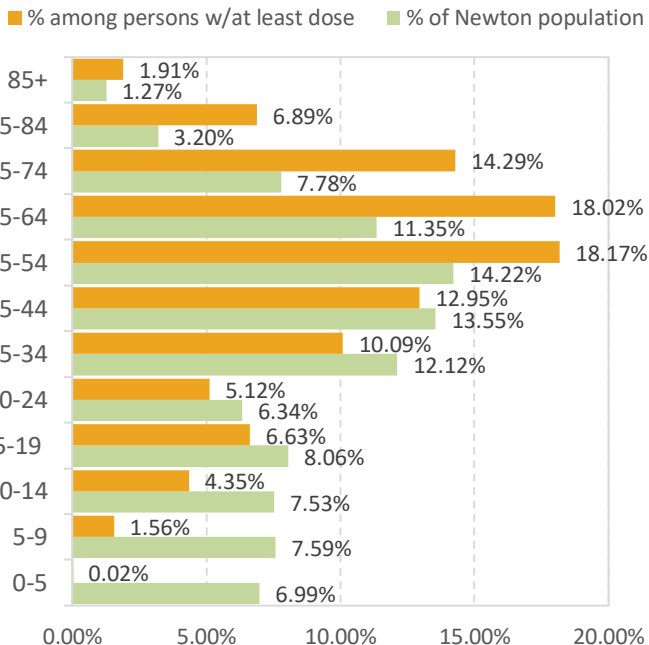


% of Newton residents with at least one dose compared with % of Newton population
 Data as of 1pm March 17, 2022

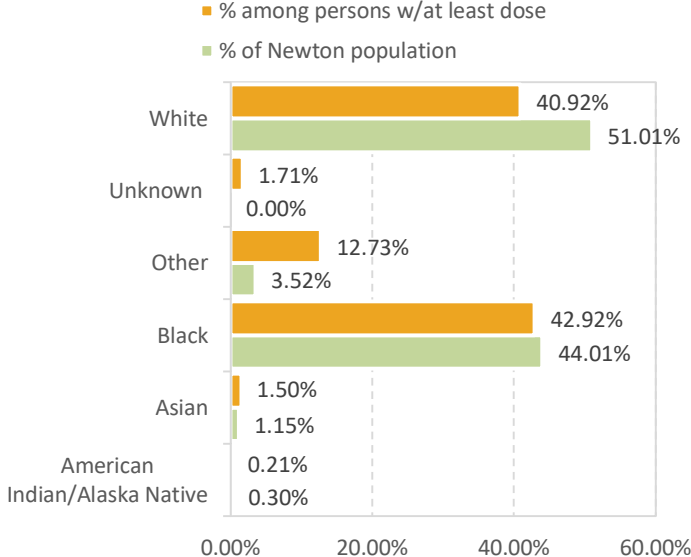
The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar 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.

53,422 (49.4%) Residents have received at least one dose.
48,889 (45.2%) Residents are fully vaccinated.
19,859 (18.0%) Residents are fully vaccinated with a booster.

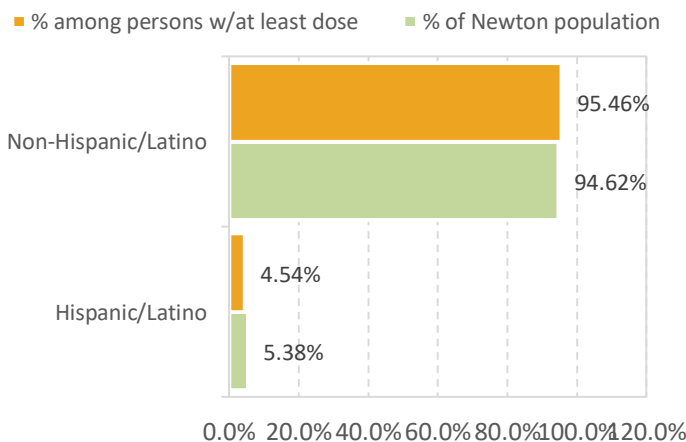
% Newton residents with at least 1 dose compared with % of Newton Pop by age group



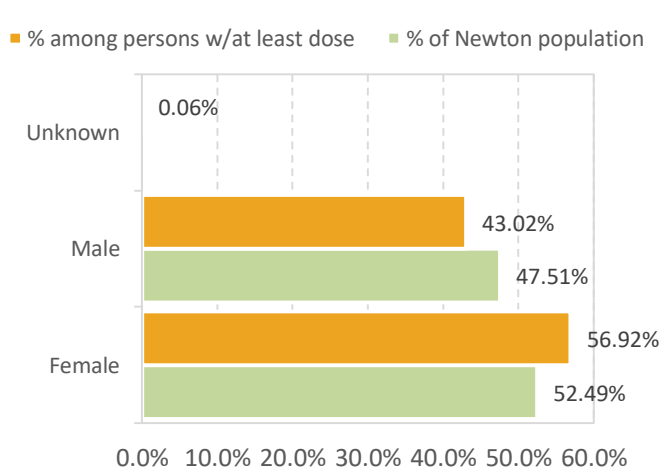
% Newton residents with at least 1 dose compared with % of Newton Pop by race



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



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



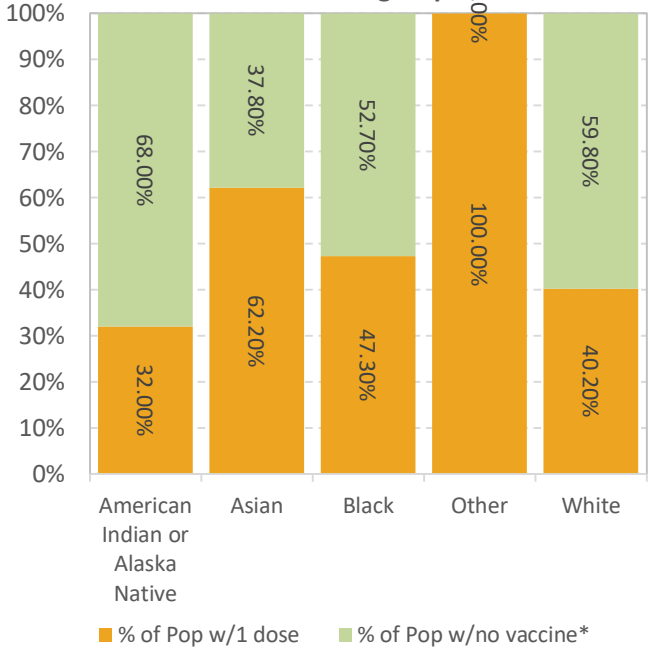
Epidemiology Overview for COVID-19 Vaccinations



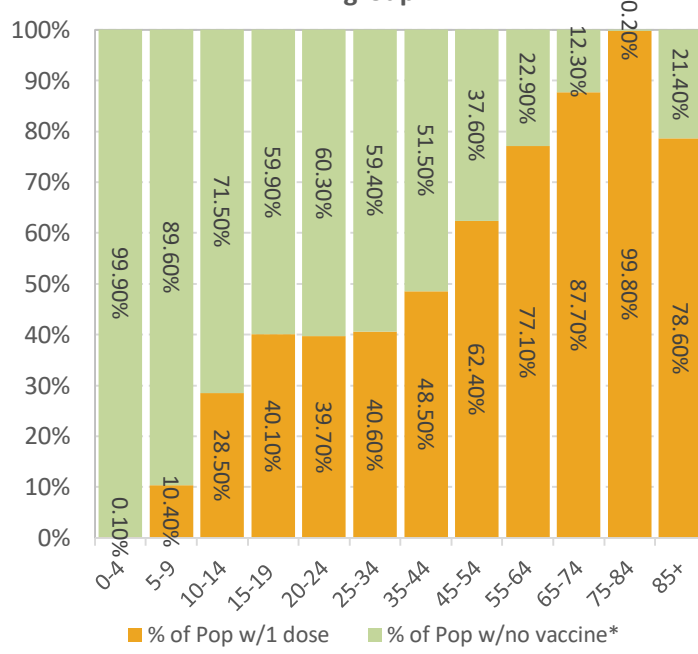
Newton Residents, data as of 1pm March 17, 2022

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.

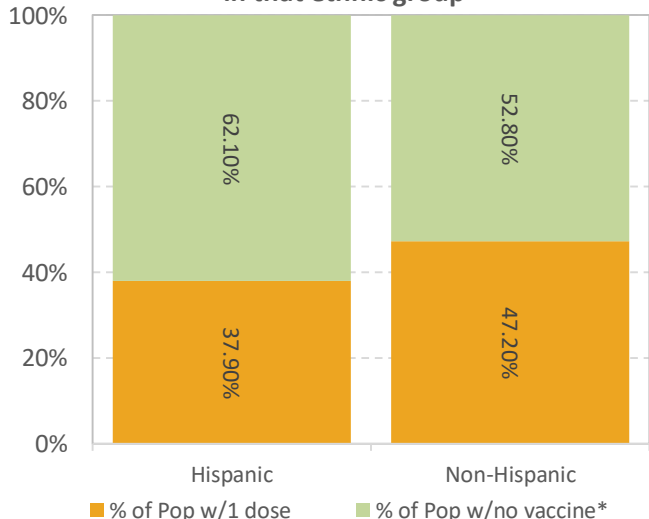
% Newton residents who have received at least 1 dose by race out of all residents in that racial group



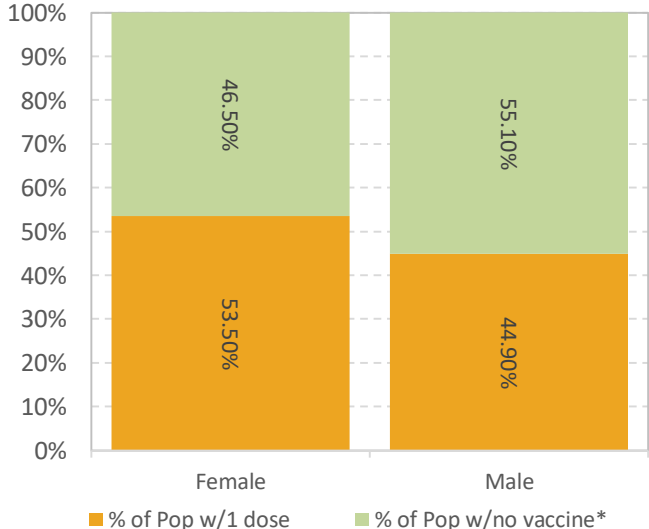
% Newton residents who have received at least 1 dose by age group out of all residents in that age group



% Newton residents who have received at least 1 dose by ethnicity out of all residents in that ethnic group



% Newton residents who have received at least 1 dose by sex out of all residents in that sex



*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



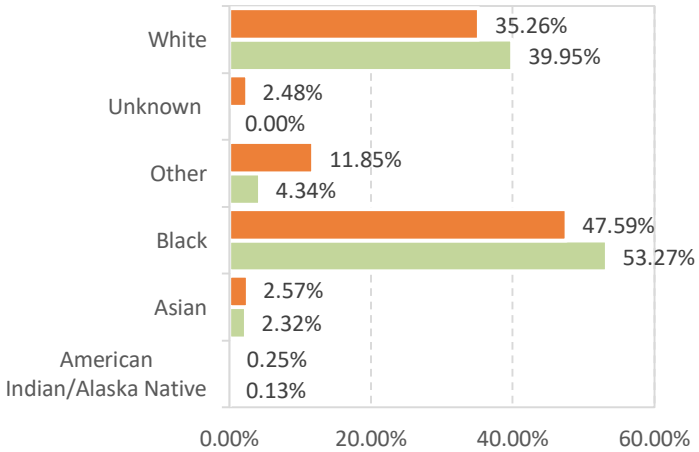
% of Rockdale residents with at least one dose compared with % of Rockdale population
 Data as of 1pm March 17, 2022

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.

52,172 (58.2%) Residents have received at least one dose.
47,897 (53.4%) Residents are fully vaccinated.
21,339 (23.0%) Residents are fully vaccinated with a booster.

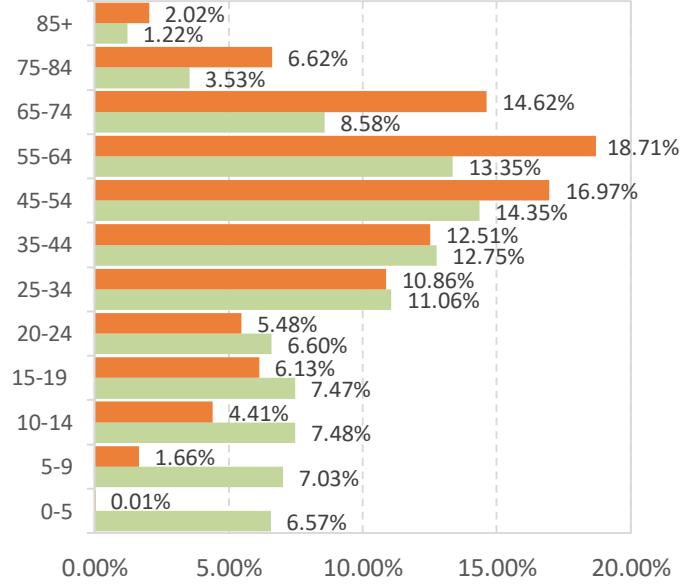
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race

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



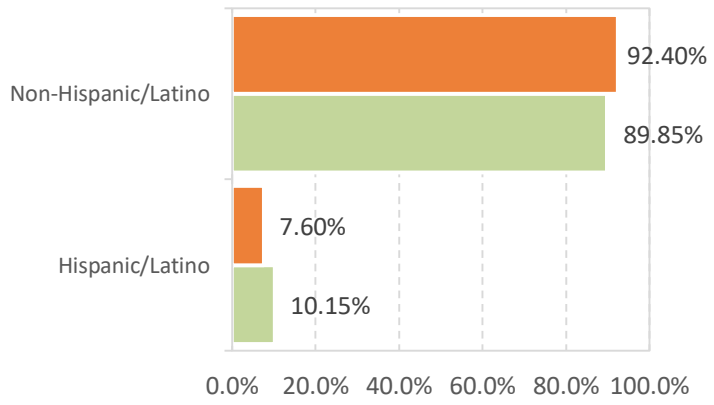
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by age group

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



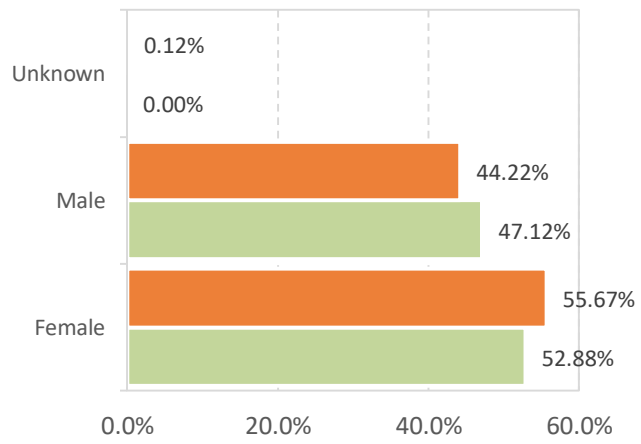
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by ethnicity

■ % 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



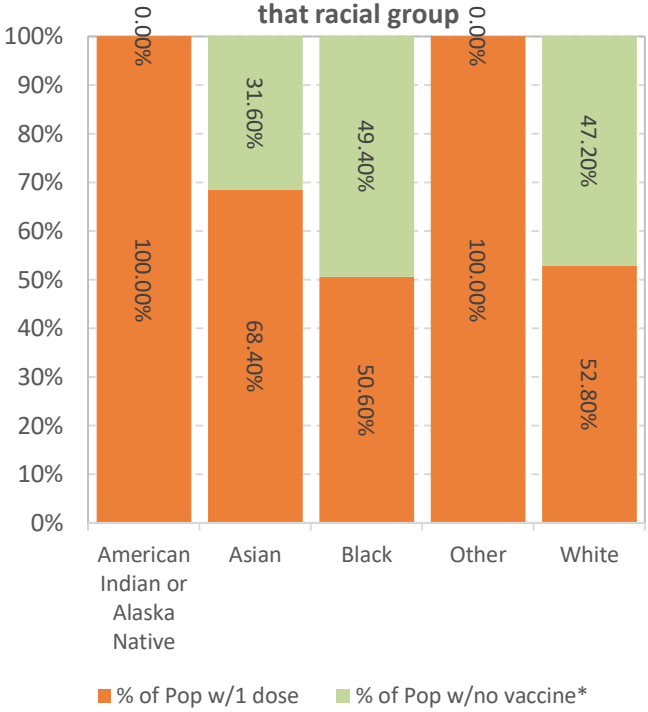
Epidemiology Overview for COVID-19 Vaccinations



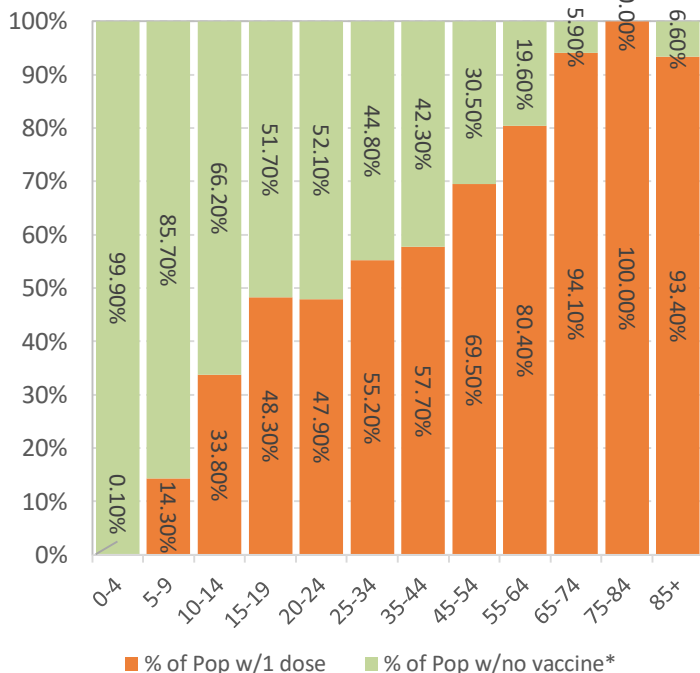
Rockdale Residents, data as of 1pm March 17, 2022

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.

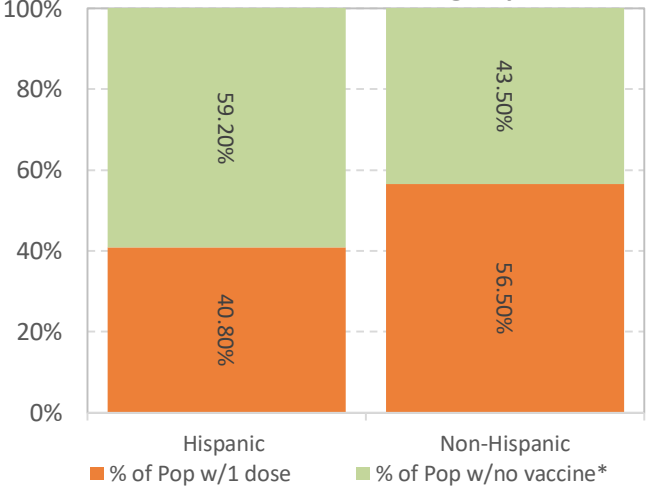
% of Rockdale residents who have received at least 1 dose by race out of all residents in that racial group



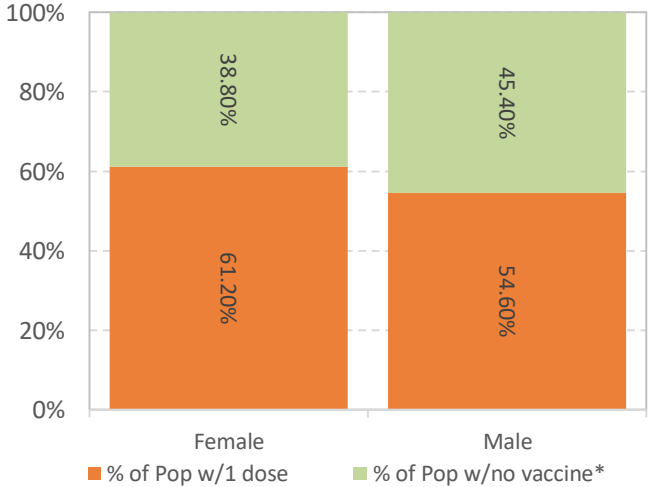
% of Rockdale residents who have received at least 1 dose by age group out of all residents in that age group



% of Rockdale residents who have received at least 1 dose by ethnicity out of all residents in that ethnic group



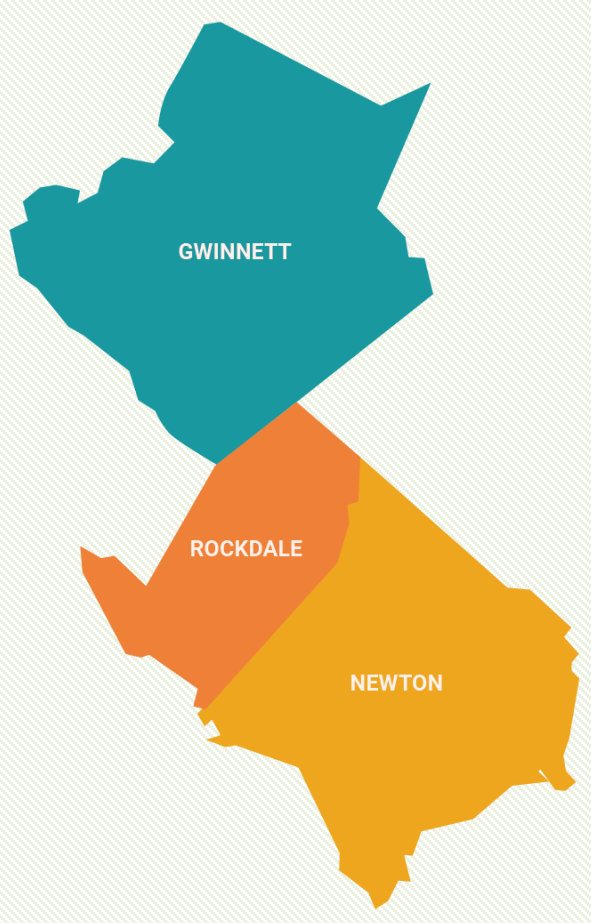
% of Rockdale residents who have received at least 1 dose by sex out of all residents in that sex



*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 March 17,
2022*



Epidemiology Overview of Gwinnett County



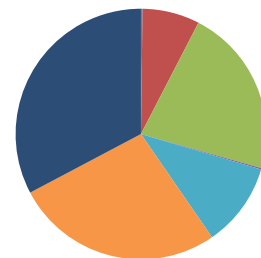
COVID-19 County Overview, data as of 1pm March 17, 2022

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.

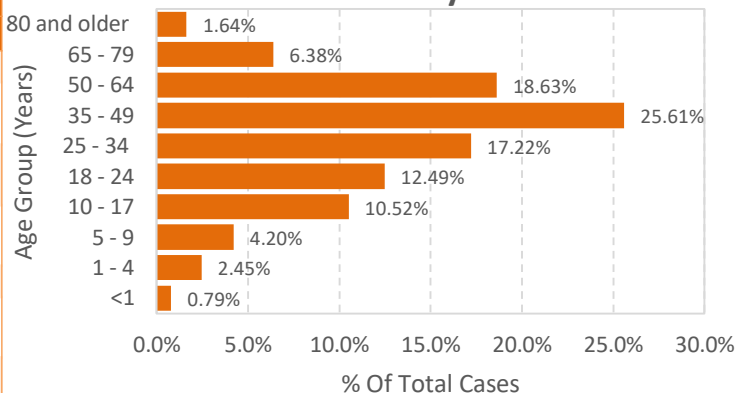
In Gwinnett County there has been a 0.1% increase in reported COVID-19 cases between the weeks of **03/03/2022 – 03/10/2022 (N=204,079) to 03/10/2022 – 03/17/2022 (N=204,337)**.

Race Distribution of Cases in Gwinnett County

- American Indian/Alaskan Native
- Asian
- Black
- Native Hawaiian/Pacific Islander
- Other
- Unknown
- White



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths† (%)
Outbreak	5,891	1,278	7,169	301 (4.2%)
Total	172,154	32,183	204,337	1,807 (0.9%)
Illness Characteristics*† N=204,337; n=1,807				
	Total Cases		Deaths	
	N	%	N	%
Gender				
Female	110,074	53.9%	819	45.3%
Male	92,968	45.5%	988	54.7%
Median Age (years)	36		73	
Age range (years)	0 – 107		0 – 102	
Total Hospitalizations	7,491	3.7%	1,376	76.1%
Total with Underlying Conditions	20,390	47.8%**	875	94.9%**
Underlying Conditions unknown	161,691		885	

Total Cases & Deaths by Race*† N =204,337; Total Deaths n=1,807

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
American Indian/Alaskan Native	416	0.20%	0	0%	Other	22,135	10.83%	157	8.69%
Hispanic/Latino	188	0.09%	0	0%	Hispanic/Latino	9,860	4.83%	141	7.80%
Non-Hispanic/ Latino	164	0.08%	0	0%	Non-Hispanic/ Latino	3,640	1.78%	16	0.89%
Not Specified	64	0.03%	0	0%	Not Specified	8,635	4.23%	0	0%
Asian	15,094	7.39%	170	9.41%	Unknown	54,883	26.86%	5	0.28%
Hispanic/Latino	249	0.12%	<5	0.06%	Hispanic/Latino	10,375	5.08%	<5	0.17%
Non-Hispanic/ Latino	12,322	6.03%	169	9.35%	Non-Hispanic/ Latino	2,650	1.30%	<5	0.06%
Not Specified	2,523	1.23%	0	0%	Not Specified	41,858	20.48%	<5	0.06%
Black	44,542	21.80%	452	25.01%	White	66,901	32.74%	1,019	56.39%
Hispanic/Latino	1,494	0.73%	6	0.33%	Hispanic/Latino	17,963	8.79%	166	9.19%
Non-Hispanic/ Latino	39,459	19.31%	445	24.63%	Non-Hispanic/ Latino	44,963	22.00%	851	47.09%
Not Specified	3,589	1.76%	<5	0.06%	Not Specified	3,975	1.95%	<5	0.11%
Native Hawaiian/Pacific Islander	366	0.18%	<5	0.22%					
Hispanic/Latino	164	0.08%	<5	0.11%					
Non-Hispanic/ Latino	129	0.06%	<5	0.11%					
Not Specified	73	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 probable cases

Epidemiology Overview of Newton County

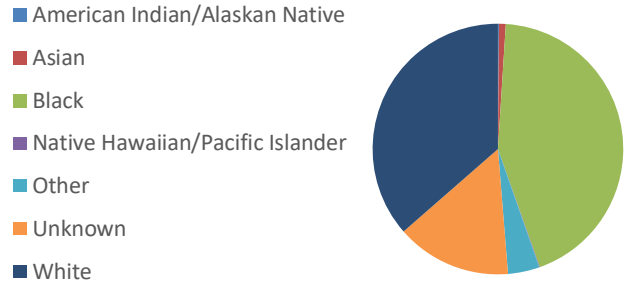


COVID-19 County Overview, data as of 1pm March 17, 2022

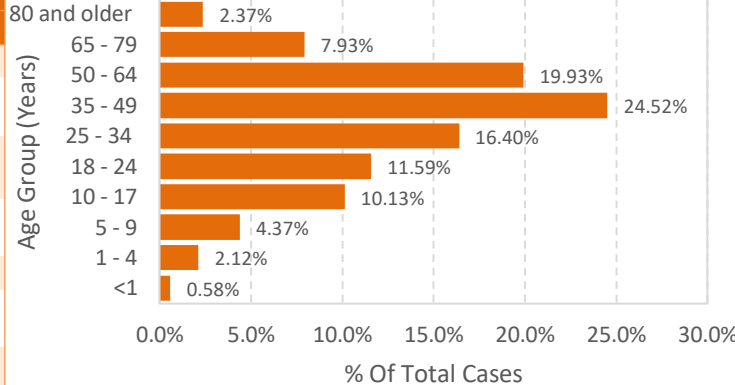
Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111,744 and makes up 9.8% of residents within the district.

In Newton County there has been a 0.1% increase in reported COVID-19 cases between the weeks of **03/03/2022 – 03/10/2022 (N=24,274) to 03/10/2022 – 03/17/2022 (N=24,298).**

Race Distribution of Cases in Newton County



Age Distribution of Cases in Newton County



COVID-19 Cases & Deaths*

	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths† (%)
Outbreak	809	300	1,109	84 (7.6%)
Total	17,891	6,407	24,298	436 (1.8%)

Illness Characteristics*† N=24,298; n=436

	Total Cases		Deaths	
	N	%	n	%
Gender				
Female	13,728	56.5%	203	46.6%
Male	10,454	43.0%	233	53.4%
Median Age (years)	38		71	
Age range (years)	0 – 102		21 – 102	
Total Hospitalizations	2,028	8.3%	288	66.1%
Total with Underlying Conditions	2,889	55.9%**	192	96.5%**
Underlying Conditions unknown	19,126		237	

Total Cases & Deaths by Race*† N =24,298; Total Deaths n=436

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
American Indian/Alaskan Native	32	0.13%	<5	0.23%	Other	988	4.07%	<5	0.69%
Hispanic/Latino	5	0.02%	0	0%	Hispanic/Latino	274	1.13%	<5	0.69%
Non-Hispanic/ Latino	20	0.08%	<5	0.23%	Non-Hispanic/ Latino	550	2.26%	0	0.00%
Not Specified	7	0.03%	0	0%	Not Specified	164	0.67%	0	0.00%
Asian	212	0.87%	<5	0.69%	Unknown	3,610	14.86%	0	0.00%
Hispanic/Latino	7	0.03%	0	0.00%	Hispanic/Latino	263	1.08%	0	0.00%
Non-Hispanic/ Latino	189	0.78%	<5	0.69%	Non-Hispanic/ Latino	230	0.95%	0	0.00%
Not Specified	16	0.07%	0	0.00%	Not Specified	3,117	12.83%	0	0.00%
Black	10,587	43.57%	177	40.60%	White	8,851	36.43%	252	57.80%
Hispanic/Latino	183	0.75%	0	0.00%	Hispanic/Latino	615	2.53%	7	1.61%
Non-Hispanic/ Latino	9,731	40.05%	174	40.60%	Non-Hispanic/ Latino	7,733	31.83%	245	56.19%
Not Specified	673	2.77%	0	0.00%	Not Specified	503	2.07%	0	0.00%
Native Hawaiian/Pacific Islander	18	0.07%	0	0%					
Hispanic/Latino	<5	0.01%	0	0%					
Non-Hispanic/ Latino	13	0.05%	0	0%					
Not Specified	<5	0.01%	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 probable cases

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

Epidemiology Overview of Rockdale County

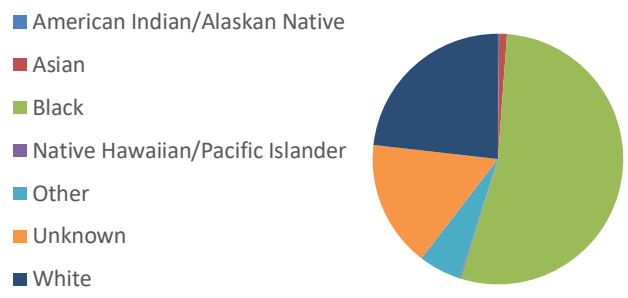


COVID-19 County Overview, data as of 1pm March 17, 2022

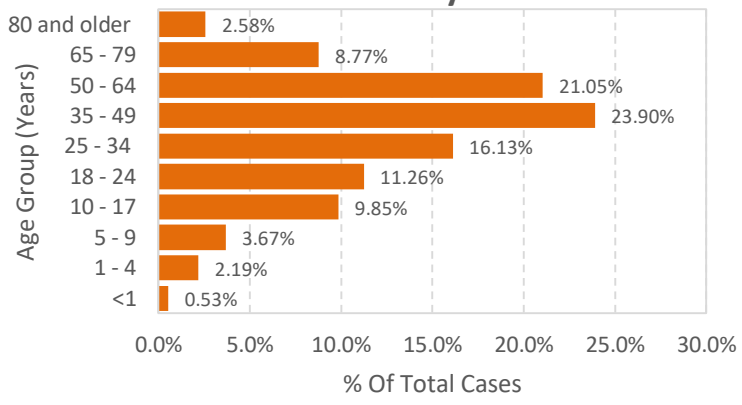
Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

In Rockdale County there has been a 0.1% increase in reported COVID-19 cases between the 2 weeks of **03/03/2022 – 03/10/2022 (N=18,135) to 03/10/2022 – 03/17/2022 (N=18,154).**

Race Distribution of Cases in Rockdale County



Age Distribution of Cases in Rockdale County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths† (%)
Outbreak	720	246	966	59 (6.1%)
Total	14,822	3,332	18,154	313 (1.7%)
Illness Characteristics*† N=18,154; n=313				
	Total Cases		Deaths	
	N	%	n	%
Gender				
Female	10,348	57.0%	162	51.8%
Male	7,728	42.6%	151	48.2%
Median Age (years)	39		73	
Age range (years)	0 – 101		27 – 100	
Total Hospitalizations	2,064	11.4%	250	79.9%
Total with Underlying Conditions	2,593	60.7%**	204	97.1%**
Underlying Conditions unknown	13,884		103	

Total Cases & Deaths by Race*† N=18,154; Total Deaths n=313

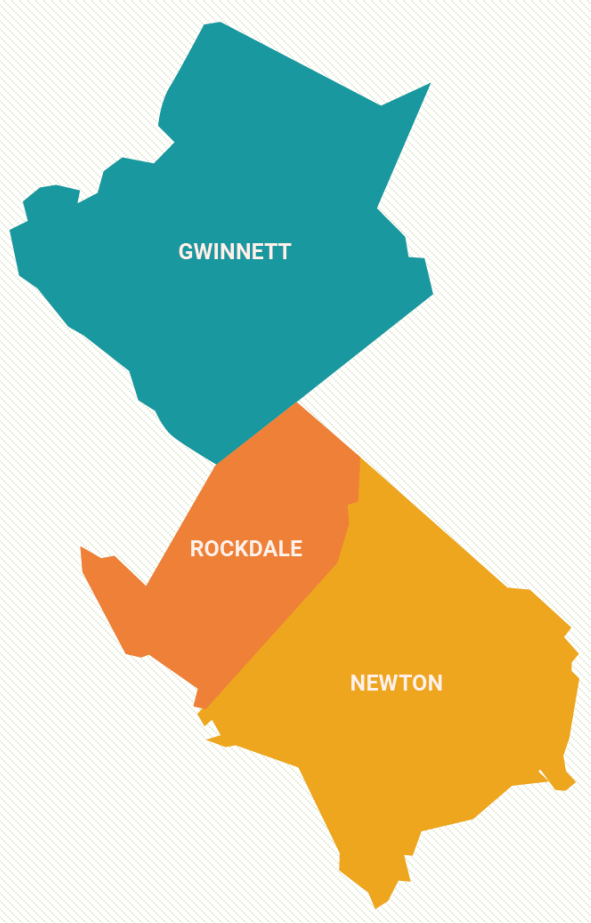
	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
American Indian/Alaskan Native	28	0.15%	<5	0.32%	Other	1,004	5.53%	<5	1.28%
Hispanic/Latino	7	0.04%	0	0%	Hispanic/Latino	557	3.07%	<5	1.28%
Non-Hispanic/ Latino	17	0.09%	<5	0.32%	Non-Hispanic/ Latino	259	1.43%	0	0.00%
Not Specified	<5	0.02%	0	0%	Not Specified	188	1.04%	0	0.00%
Asian	182	1.00%	<5	1.28%	Unknown	2,967	16.34%	0	0%
Hispanic/Latino	<5	0.01%	0	0.00%	Hispanic/Latino	317	1.75%	0	0.00%
Non-Hispanic/ Latino	159	0.88%	<5	1.28%	Non-Hispanic/ Latino	204	1.12%	0	0%
Not Specified	21	0.12%	0	0.00%	Not Specified	2,446	13.47%	0	0.00%
Black	9,739	53.65%	144	46.01%	White	4,213	23.21%	160	51.12%
Hispanic/Latino	189	1.04%	<5	0.64%	Hispanic/Latino	685	3.77%	9	2.88%
Non-Hispanic/ Latino	8,890	48.97%	142	45.37%	Non-Hispanic/ Latino	3,300	18.18%	151	48.24%
Not Specified	660	3.64%	0	0.00%	Not Specified	228	1.26%	0	0.00%
Native Hawaiian/Pacific Islander	21	0.12%	0	0%					
Hispanic/Latino	5	0.03%	0	0%					
Non-Hispanic/ Latino	14	0.08%	0	0%					
Not Specified	<5	0.01%	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 probable cases

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

Epidemiology Overview of COVID-19 Cases among Vaccinated Residents

*Data as of 8am March 17,
2022*



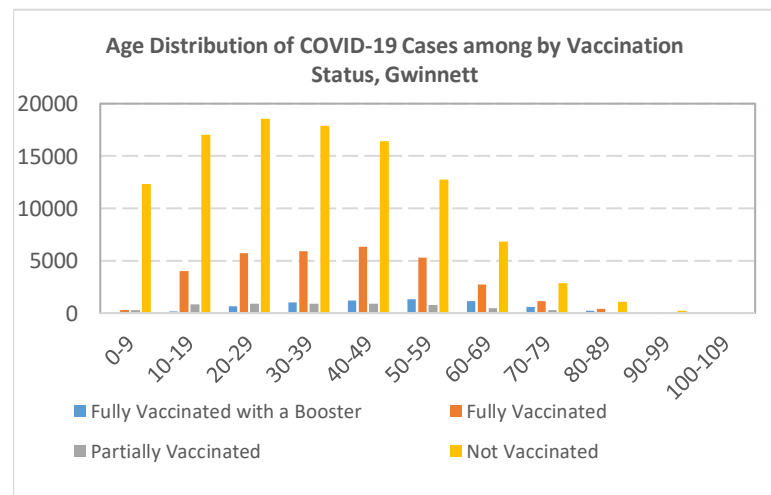


Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Cases among Vaccinated Gwinnett Residents, data as of 8am March 17, 2022

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated with a booster** is defined as an individual who has received all doses of their primary series (either one dose of a one dose series, or two doses of a two dose series) and received one booster dose, at least 14 days prior to their positive test date and not have another positive test result in the 90 days prior to their new positive. **Fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to complete their primary vaccine series (either one dose of a one dose series or two doses of a two dose series) at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received either doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their post-vaccine positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.



COVID-19 Cases & Deaths N %						
	Fully Vaccinated w/a booster	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total	
Cases	6,310 (4.2)	31,969 (21.3)	5,505 (3.7)	106,151 (70.8)	149,935	
Deaths	17 (1.7)	107 (10.6)	68 (6.7)	820 (81.0)	1,012	
Illness Characteristics N %, n (%)						
	Fully Vaccinated w/a Booster		Fully Vaccinated		Partially Vaccinated	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Gender						
Female	3,720 (59.0)	5 (29.4)	18,875 (59.0)	53 (49.5)	3,098 (56.3)	31 (45.5)
Male	2,590 (41.1)	12 (70.6)	13,094 (41.0)	54 (50.5)	2,407 (43.7)	37 (54.4)
*Median Age (years)	50	75	40	77	38	80
*Age range (years)	5-100	40-88	4-101	35-98	4-99	28-99
Median of days between last dose and test date	56	75	215	216	31	13
Range of days between last dose and test date	14-331	18-108	14-496	17-346	0-410	1-315
Outbreak related	173	<5	923	25	215	7
Hospitalizations	69 (1.1)	12 (70.6)	444 (1.4)	64 (59.8)	184 (3.3)	49 (72.1)
	Fully Vaccinated w/ a Booster		Fully Vaccinated		Partially Vaccinated	
Race	Cases	Deaths	Cases	Deaths	Cases	Deaths
American Indian/Alaskan Native	17 (0.3)	0 (0.0)	69 (0.2)	0 (0.0)	14 (0.3)	0 (0.0)
Asian	971 (15.4)	<5 (5.9)	3,333 (10.4)	13 (12.2)	497 (9.0)	11 (16.2)
Black	1,026 (16.3)	<5 (11.8)	6,867 (21.5)	23 (21.5)	1,433 (26.0)	13 (19.1)
Native Hawaiian/Pacific Islander	14 (0.2)	0 (0.0)	69 (0.2)	0 (0.0)	13 (0.2)	0 (0.0)
Other	298 (4.7)	0 (0.0)	1,814 (5.7)	< (1.9)	374 (6.8)	<5 (1.5)
Unknown	2,022 (32.0)	0 (0.0)	10,589 (33.1)	0 (0.0)	1,546 (28.1)	0 (0.0)
White	1,962 (31.1)	14 (82.4)	9,228 (28.9)	69 (64.5)	1,628 (29.6)	43 (63.2)
Ethnicity						
Hispanic/Latino	598 (9.5)	0 (0.0)	4,399 (13.8)	5 (4.7)	728 (13.2)	<5 (4.4)
Non-Hispanic/Latino	3,434 (54.4)	17 (100.0)	16,315 (51.0)	102 (95.3)	3,076 (55.9)	65 (95.6)
Not Specified	2,278 (36.1)	0 (0.0)	11,255 (35.2)	0 (0.0)	1,701 (30.9)	0 (0.0)

*Reflects age that infection occurred, not age at vaccination

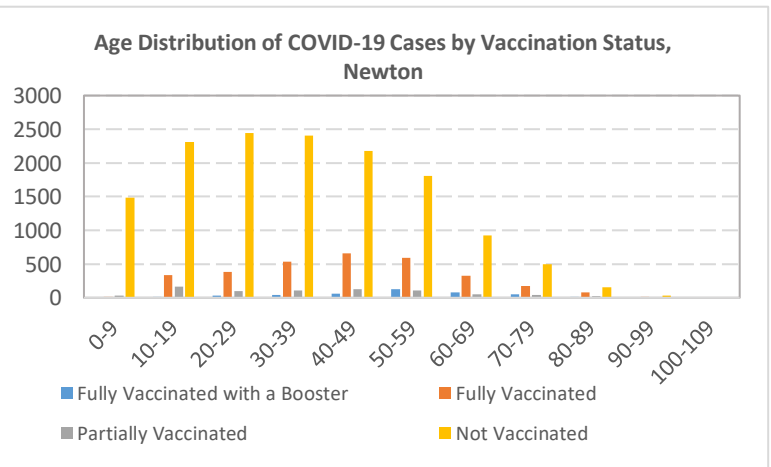


Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Cases among Vaccinated Newton Residents, data as of 8am March 17, 2022

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated with a booster** is defined as an individual who has received all doses of their primary series (either one dose of a one dose series, or two doses of a two dose series) and received one booster dose, at least 14 days prior to their positive test date and not have another positive test result in the 90 days prior to their new positive. **Fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to complete their primary vaccine series (either one dose of a one dose series or two doses of a two dose series) at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received either doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their post-vaccine positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.



	COVID-19 Cases & Deaths N (%)				
	Fully Vaccinated with a booster	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	426 (2.3)	3,122 (16.8)	771 (4.2)	14,268 (76.8)	18,587
Deaths	<5 (1.7)	27 (11.1)	15 (6.2)	197 (81.1)	243

	Illness Characteristics N (%), n (%)					
	Fully Vaccinated with a booster		Fully Vaccinated		Partially Vaccinated	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Gender						
Female	280 (65.7)	<5 (25.0)	1,965 (62.9)	12 (44.4)	464 (60.2)	9 (60.0)
Male	146 (34.3)	<5 (75.0)	1,157 (37.1)	15 (55.6)	307 (39.8)	6 (40.0)
Median Age (years)	54	72	44	78	38	76
Age range (years)	14-99	68-87	4-94	37-94	5-97	40-93
Median of days between last dose and test date	55	73	196	223	23	14
Range of days between last dose and test date	14-158	17-113	14-406	31-342	0-373	0-153
Outbreak related	20	-	95	<5	37	<5
Hospitalizations	18 (4.2)	<5 (75.0)	203 (6.5)	19 (70.4)	74 (9.6)	13 (86.7)

Race	Fully Vaccinated w/ a Booster		Fully Vaccinated		Partially Vaccinated	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
American Indian/Alaskan Native	0 (0.0)	-	5 (0.2)	0 (0.0)	0 (0.0)	0 (0.0)
Asian	<5 (0.2)	-	37 (1.2)	0 (0.0)	41 (5.3)	<5 (6.7)
Black	201 (47.2)	<5 (25.0)	1,416 (45.4)	9 (33.3)	331 (42.9)	8 (53.3)
Native Hawaiian/Pacific Islander	0 (0.0)	-	<5 (0.0)	0 (0.0)	<5 (0.1)	0 (0.0)
Other	14 (3.3)	-	87 (2.8)	0 (0.0)	45 (5.8)	0 (0.0)
Unknown	82 (19.3)	-	611 (19.6)	0 (0.0)	115 (14.9)	0 (0.0)
White	128 (30.1)	<5 (75.0)	965 (30.9)	18 (66.7)	238 (30.9)	6 (40.0)
Ethnicity						
Hispanic/Latino	15 (3.5)	-	159 (5.1)	0 (0.0)	30 (3.9)	0 (0.0)
Non-Hispanic/Latino	310 (71.8)	<5 (100.0)	2,243(71.8)	27 (100.0)	603 (78.2)	15 (100.0)
Not Specified	101 (23.7)	-	720 (23.1)	0 (0.0)	138 (17.9)	0 (0.0)

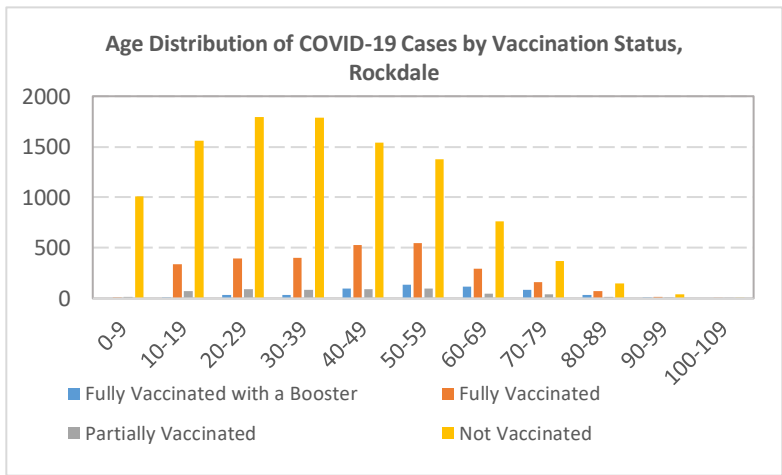
*Reflects age that infection occurred, not age at vaccination

Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Cases among Vaccinated Rockdale Residents, data as of 8am March 17, 2022

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated with a booster** is defined as an individual who has received all doses of their primary series (either one dose of a one dose series, or two doses of a two dose series) and received one booster dose, at least 14 days prior to their positive test date and not have another positive test result in the 90 days prior to their new positive. **Fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to complete their primary vaccine series (either one dose of a one dose series or two doses of a two dose series) at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received either doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their post-vaccine positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.



COVID-19 Cases & Deaths N (%)						
	Fully Vaccinated with a booster	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total	
Cases	549 (3.8)	2,771 (19.4)	576 (4.0)	10,397 (72.7)	14,293	
Deaths	6 (3.3)	27 (14.7)	15 (8.2)	136 (73.9)	184	
Illness Characteristics N (%), n (%)						
	Fully Vaccinated w/ a booster		Fully Vaccinated		Partially Vaccinated	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Gender						
Female	322 (58.7)	<5 (33.3)	1,786 (64.5)	18 (66.7)	356 (61.8)	8 (53.3)
Male	227 (41.4)	<5 (66.7)	985 (35.6)	9 (33.3)	220 (38.2)	7 (46.7)
Median Age (years)	57	74	44	73	43	84
Age range (years)	13-97	65-87	6-101	50-91	5-100	57-100
Median of days between last dose and test date	61	90	197	196	32	15
Range of days between last dose and test date	14-155	49-137	14-381	67-319	0-372	0-352
Outbreak related	20	<5	134	<5	52	7
Hospitalizations	35 (6.4)	<5 (66.7)	204 (7.4)	19 (70.4)	68 (11.8)	10 (66.7)
	Fully Vaccinated with a booster		Fully Vaccinated		Partially Vaccinated	
Race	Cases	Deaths	Cases	Deaths	Cases	Deaths
American Indian/Alaskan Native	<5 (0.4)	0 (0.0)	9 (0.3)	0 (0.0)	<5 (0.5)	0 (0.0)
Asian	8 (1.5)	0 (0.0)	31 (1.1)	<5 (3.7)	8 (1.4)	<5 (6.7)
Black	291 (53.0)	<5 (33.3)	1,466 (52.9)	11 (40.7)	313 (54.3)	6 (40.0)
Native Hawaiian/Pacific Islander	0 (0.0)	0 (0.0)	5 (0.2)	0 (0.0)	<5 (0.5)	0 (0.0)
Other	18 (3.3)	0 (0.0)	154 (5.6)	0 (0.0)	36 (6.3)	0 (0.0)
Unknown	111 (20.2)	0 (0.0)	564 (20.4)	0 (0.0)	93 (16.2)	0 (0.0)
White	119 (21.7)	<5 (66.7)	542 (19.6)	15 (55.6)	120 (20.8)	8 (53.3)
Ethnicity						
Hispanic/Latino	28 (5.1)	0 (0.0)	214 (7.7)	<5 (3.7)	49 (8.5)	0 (0.0)
Non-Hispanic/Latino	391 (71.2)	6 (100.0)	1,863 (67.2)	26 (96.3)	401 (69.6)	15 (100.0)
Not Specified	130 (23.7)	0 (0.0)	694 (25.1)	0 (0.0)	126 (21.9)	0 (0.0)

*Reflects age that infection occurred, not age at vaccination