

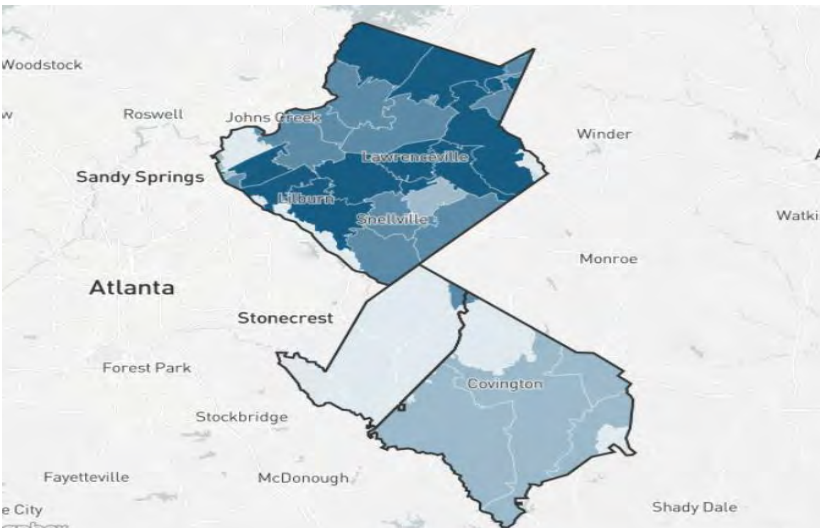
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 District Overview, *data as of 1pm January 20, 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	152,972	30,359	183,331	1,607 (0.9%)
Newton	16,256	6,119	22,375	383 (1.7%)
Rockdale	13,500	3,116	16,616	275 (1.7%)
Total	182,728	39,594	222,322	2,265 (1.0%)

Illness Characteristics*† N=222,322 n=2,265				
	Total Cases		Deaths	
	N	%	n	%
Gender				
Female	120,986	54.4%	1,068	47.2%
Male	100,187	45.1%	1,197	52.8%
Median Age (years)	36		72	
Age range (years)	0 – 107		0 – 102	
Total Hospitalizations	10,703	4.8%	1,718	75.8%
Total with Underlying Conditions	24,127	49.6%**	1,200	95.8%**
Underlying Conditions unknown	173,668		1,012	

	Georgia	Gwinnett	Newton	Rockdale
Total Positivity				
Total Tests†	20,168,814	1,749,433	204,135	159,522
Total Positive†	2,314,614 (11.5%)	213,241 (12.2%)	25,449 (12.5%)	19,743 (12.4%)
Seven Day***	114,486 (30.3%)	10,839 (31.3%)	887 (18.7%)	792 (23.1%)

Total Cases & Deaths by Race*† N = 222,322 ; Total Deaths n=2,265

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
American Indian/Alaskan Native	422	0.19%	<5	0.09%	Other	23,946	10.77%	157	6.93%
Hispanic/Latino	173	0.08%	0	0%	Hispanic/Latino	10,168	4.57%	140	6.18%
Non-Hispanic/ Latino	180	0.08%	<5	0.09%	Non-Hispanic/ Latino	3,633	1.63%	16	0.71%
Not Specified	69	0.03%	0	0%	Not Specified	10,145	4.56%	<5	0.04%
Asian	12,970	5.83%	160	7.06%	Unknown	53,504	24.07%	12	0.53%
Hispanic/Latino	217	0.10%	<5	0.04%	Hispanic/Latino	10,124	4.55%	6	0.26%
Non-Hispanic/ Latino	10,517	4.73%	158	6.98%	Non-Hispanic/ Latino	2,976	1.34%	<5	0.09%
Not Specified	2,236	1.01%	<5	0.04%	Not Specified	40,404	18.17%	<5	0.18%
Black	58,953	26.52%	683	30.15%	White	72,168	32.46%	1,247	55.06%
Hispanic/Latino	1,599	0.72%	5	0.22%	Hispanic/Latino	17,530	7.88%	161	7.11%
Non-Hispanic/ Latino	52,506	23.62%	677	29.89%	Non-Hispanic/ Latino	50,082	22.53%	1,083	47.81%
Not Specified	4,848	2.18%	<5	0.04%	Not Specified	4,556	2.05%	<5	0.13%
Native Hawaiian/Pacific Islander	359	0.16%	<5	0.18%					
Hispanic/Latino	139	0.06%	<5	0.09%					
Non-Hispanic/ Latino	144	0.06%	<5	0.09%					
Not Specified	76	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. 1/13/2021 – 1/19/2022.
 † 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

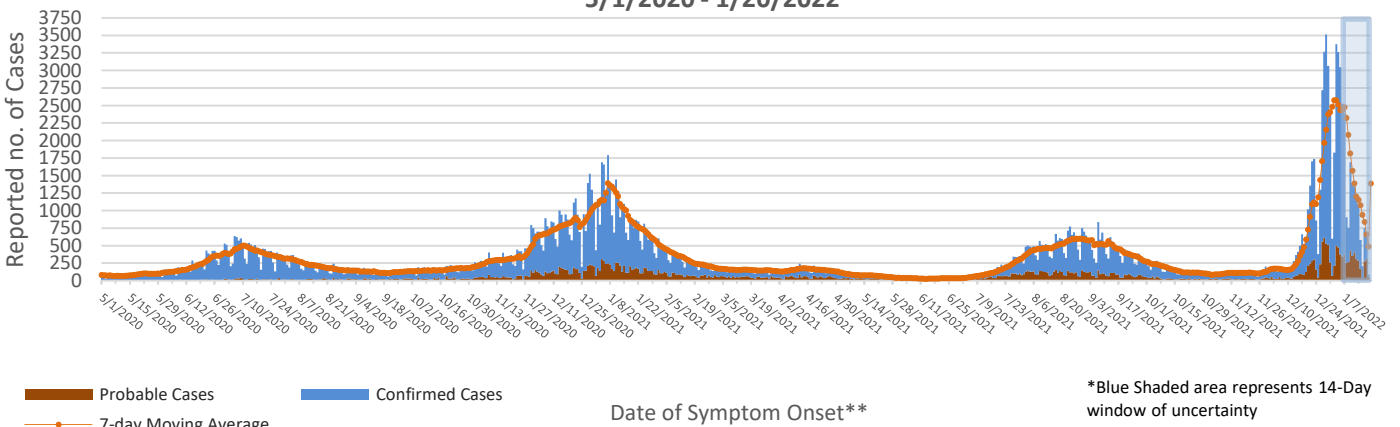


COVID-19 District Overview, *data as of 1pm January 20, 2022*

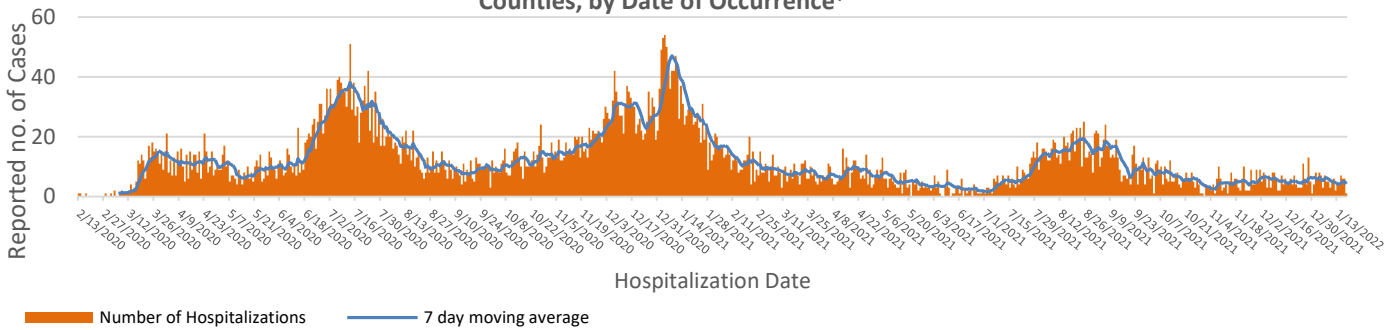
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

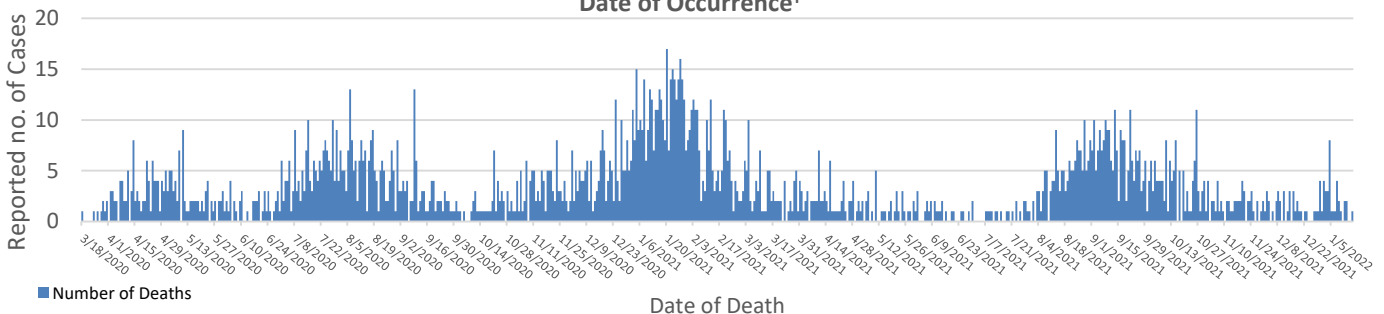
Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, 5/1/2020 - 1/20/2022[†]



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

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

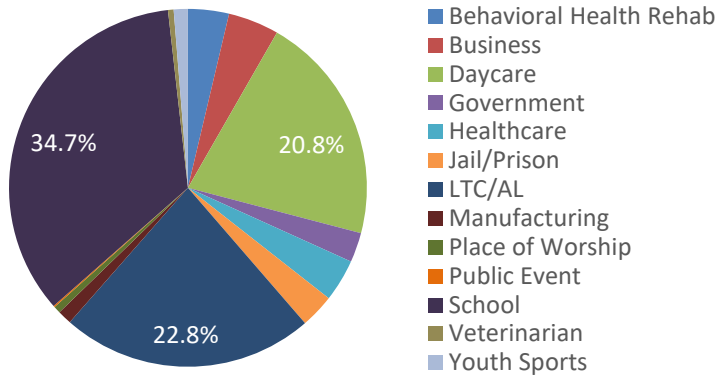
Epidemiology Overview of Outbreaks



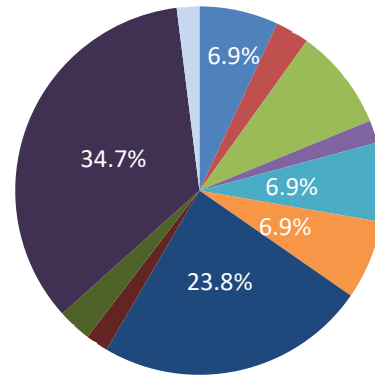
COVID-19 Snapshot, *data as 1pm January 20, 2022*

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.

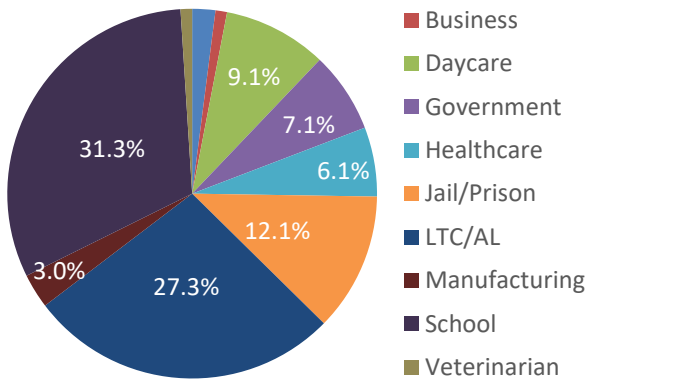
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County

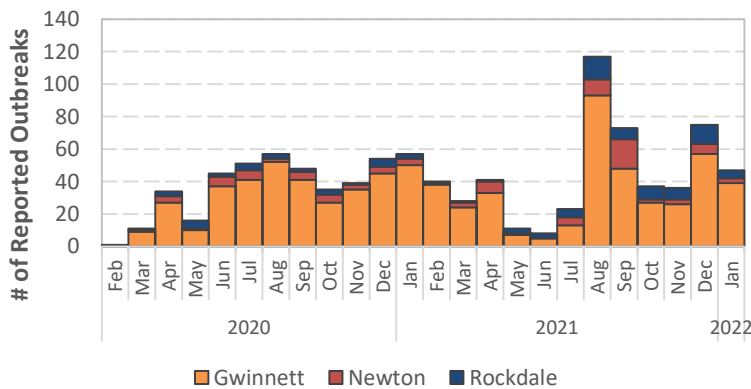


Number of Outbreaks by Facility Type for Rockdale County



- 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, 1/20/22



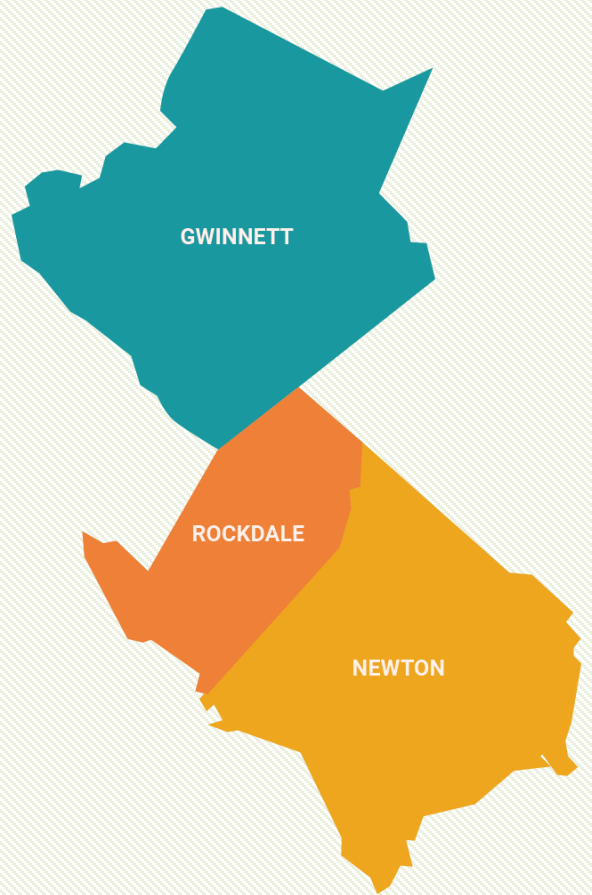
Number of Outbreaks by Facility Type N=984

Facility Type	Gwinnett n=784	Newton n=101	Rockdale n=99
Behavioral Health Rehab	3.70%	6.93%	2.02%
Business	4.59%	2.97%	1.01%
Daycare	20.79%	8.91%	9.09%
Government	2.68%	1.98%	7.07%
Healthcare	3.83%	6.93%	6.06%
Jail/Prison	3.06%	6.93%	12.12%
LTC/AL	22.83%	23.76%	27.27%
Manufacturing	1.28%	1.98%	3.03%
Place of Worship	0.64%	2.97%	0.00%
Public Event	0.13%	0.00%	0.00%
School	34.69%	34.65%	31.31%
Veterinarian	0.51%	0.00%	1.01%
Youth Sports	1.28%	1.98%	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 January 20, 2022



Epidemiology Overview of COVID-19 Vaccinations

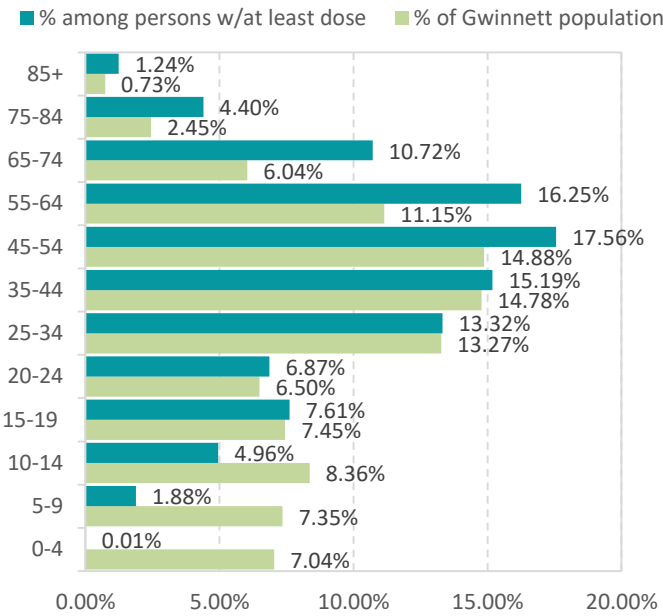


% of Gwinnett residents with at least one dose compared with % of Gwinnett population
 Data as of 1pm January 20, 2021

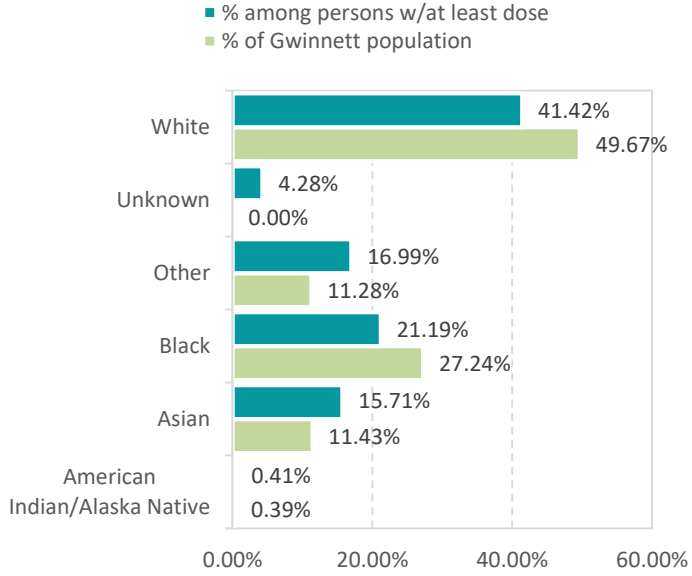
The data on this page compares the demographic characteristics among Gwinnett residents who have received at least one vaccine dose to the demographic characteristics of the Gwinnett population. The light green bar represents the % of individuals identifying as that group living in Gwinnett. The blue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

567,269 (62.0%) Residents have received at least one dose.
518,368 (56.6%) Residents are fully vaccinated.
198,292 (21%) Residents are fully vaccinated with a booster.

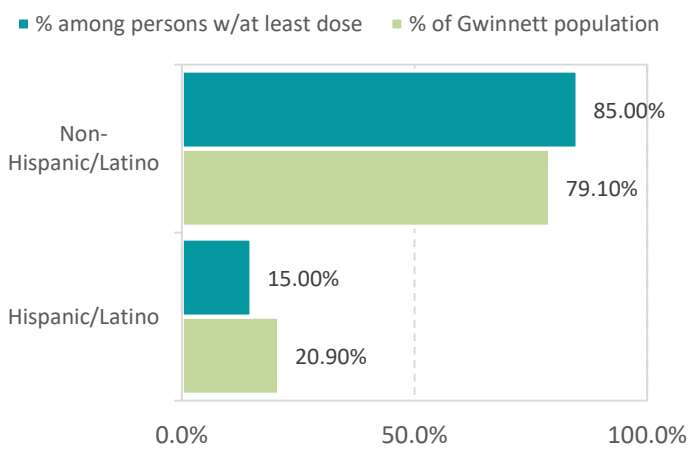
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by age group



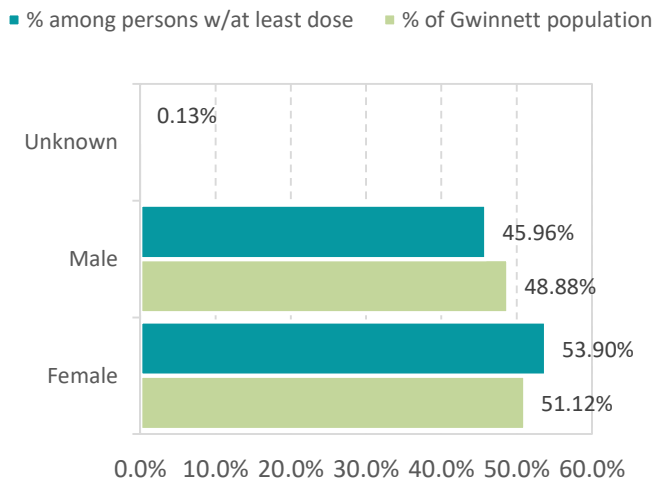
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by race



% 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



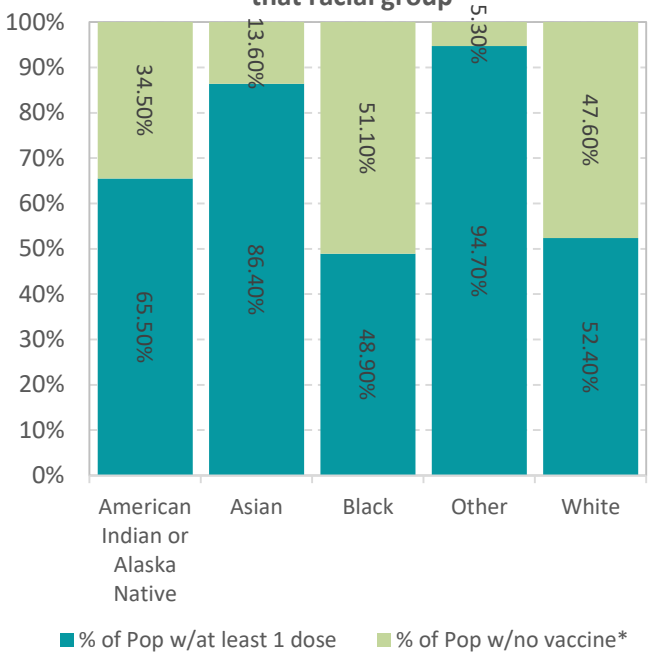
Epidemiology Overview for COVID-19 Vaccinations



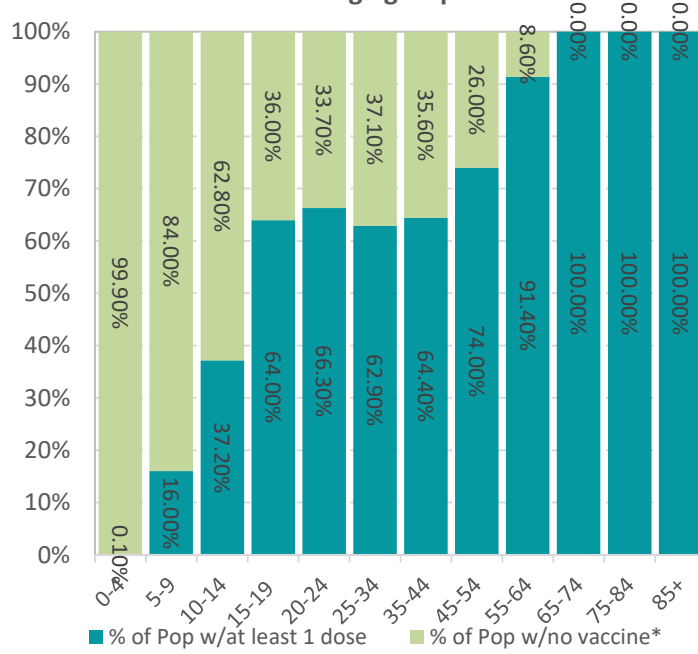
Gwinnett Residents, *data as of 1pm January 20, 2022*

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.

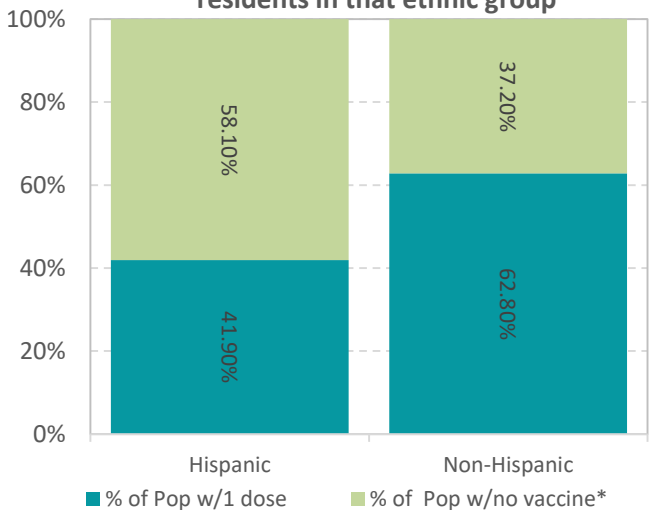
% of Gwinnett residents who have received at least 1 dose by race out of all residents in that racial group



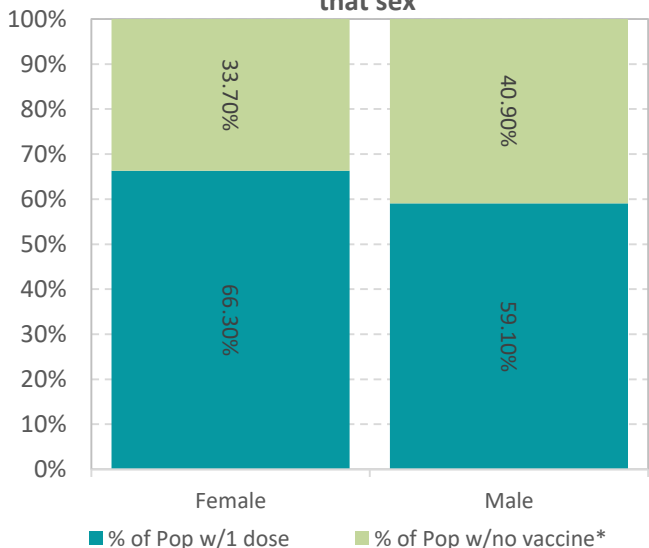
% of Gwinnett residents who have received at least 1 dose by age group out of all residents in that age group



% 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

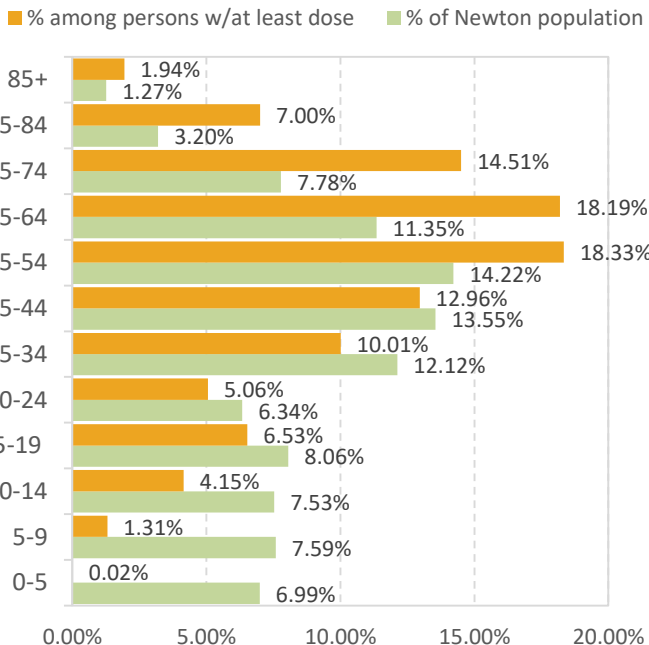


% of Newton residents with at least one dose compared with % of Newton population
 Data as of 1pm January 20, 2022

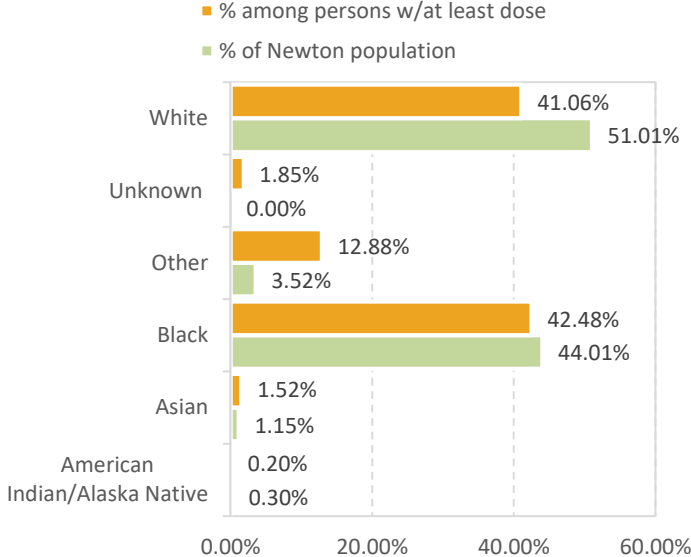
The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar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

52,324 (48.4%) Residents have received at least one dose.
47,305 (43.8%) Residents are fully vaccinated.
16,996 (15%) Residents are fully vaccinated with a booster.

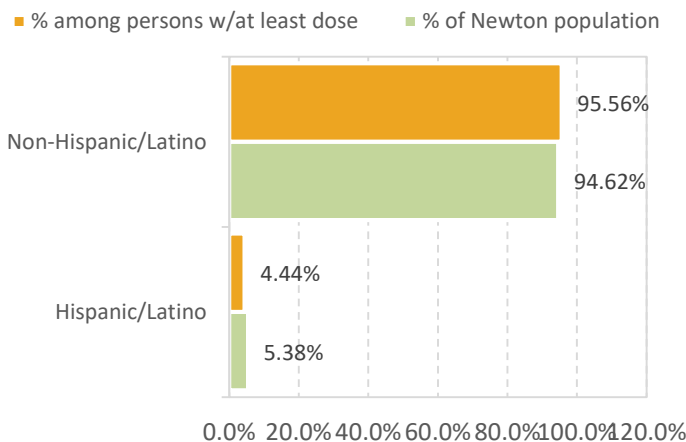
% Newton residents with at least 1 dose compared with % of Newton Pop by age group



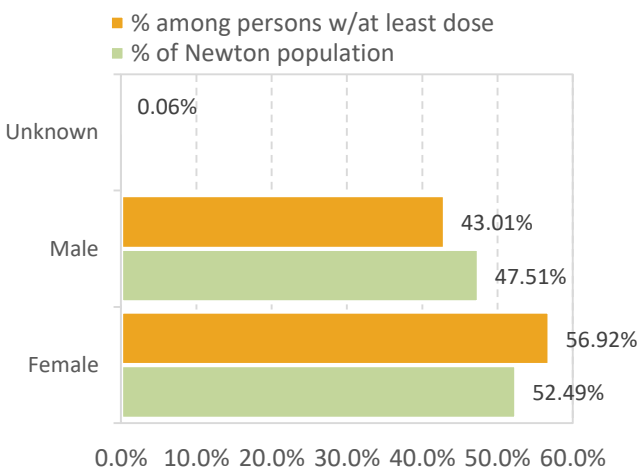
% Newton residents with at least 1 dose compared with % of Newton Pop by race



% 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



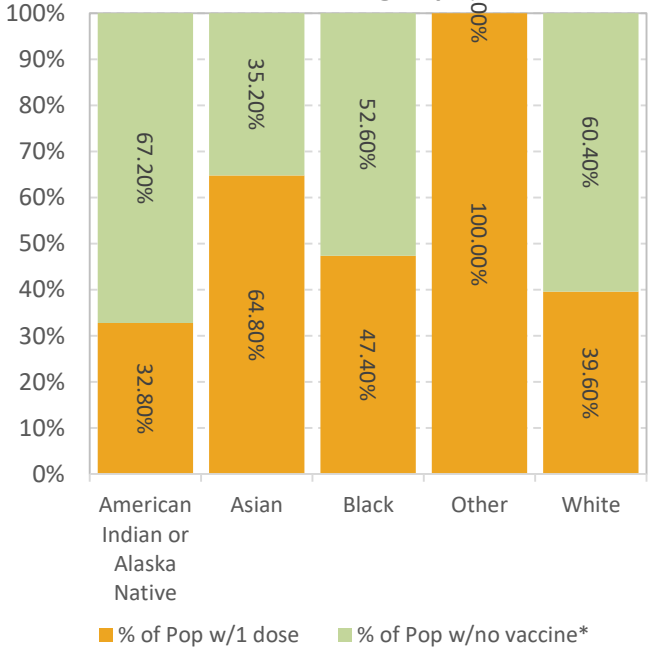
Epidemiology Overview for COVID-19 Vaccinations



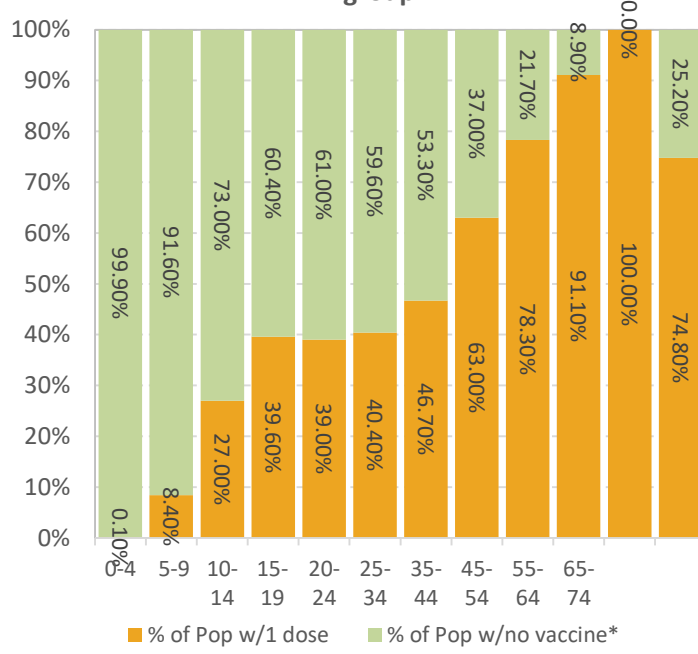
Newton Residents, *data as of 1pm January 20, 2021*

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.

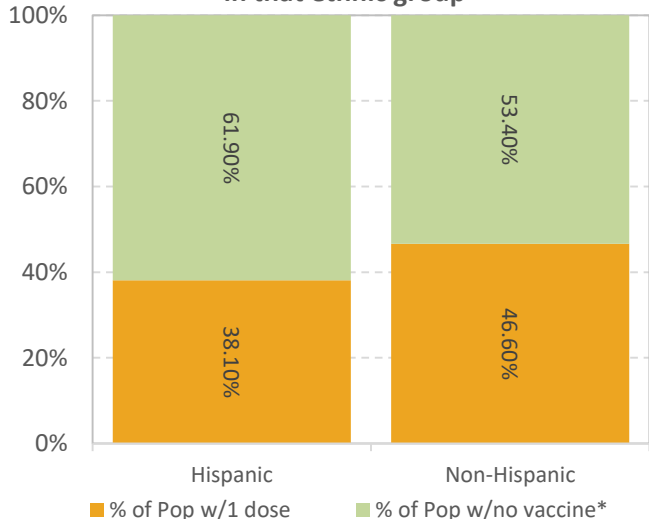
% Newton residents who have received at least 1 dose by race out of all residents in that racial group



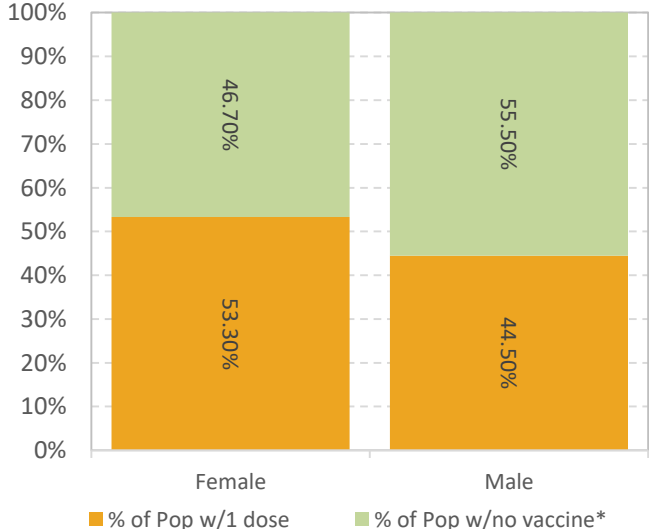
% Newton residents who have received at least 1 dose by age group out of all residents in that age group



% 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



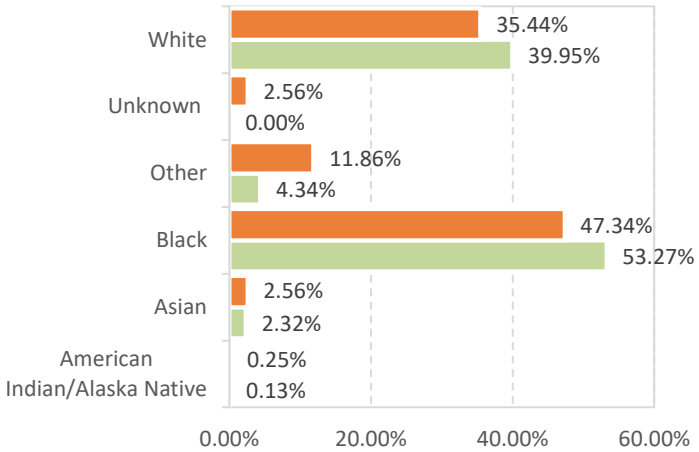
% of Rockdale residents with at least one dose compared with % of Rockdale population
 Data as of 1pm January 20, 2022

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.

51,032 (56.9%) Residents have received at least one dose.
46,335 (51.6%) Residents are fully vaccinated.
18,290 (20%) Residents are fully vaccinated with a booster.

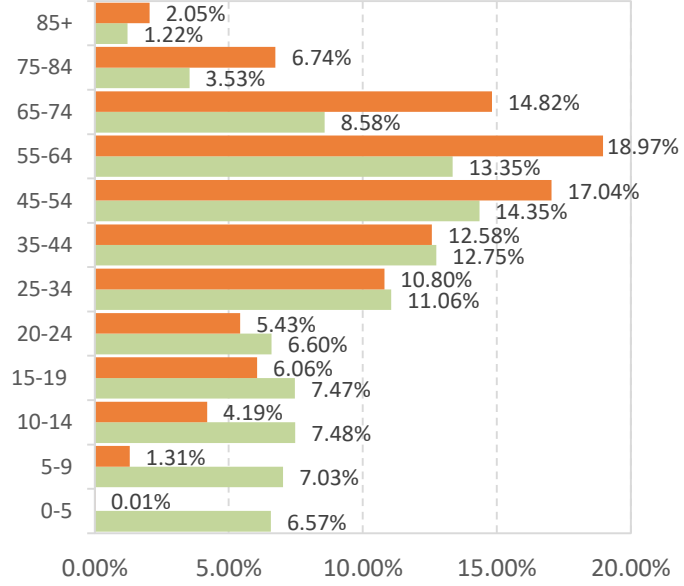
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race

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



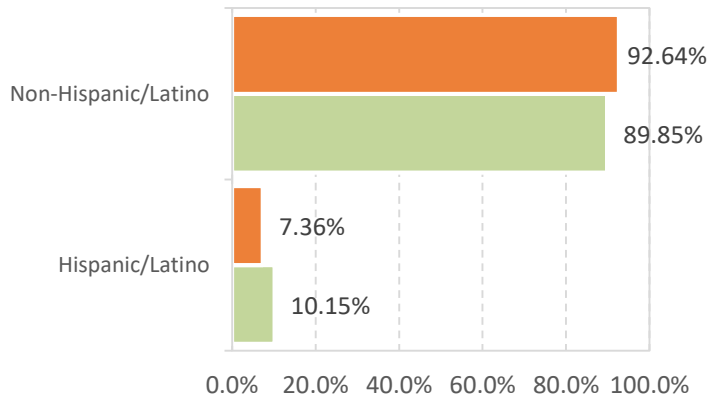
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by age group

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



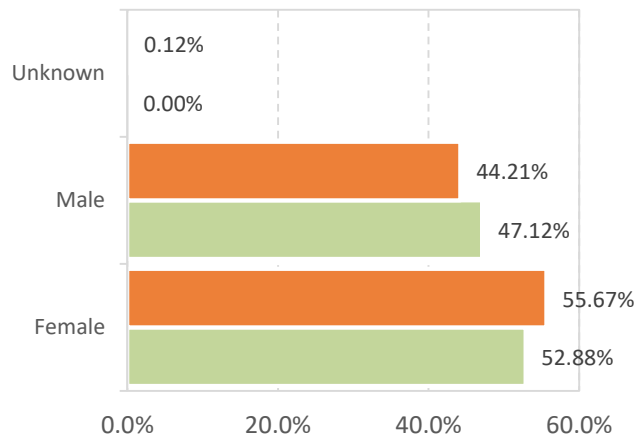
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by ethnicity

■ % 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



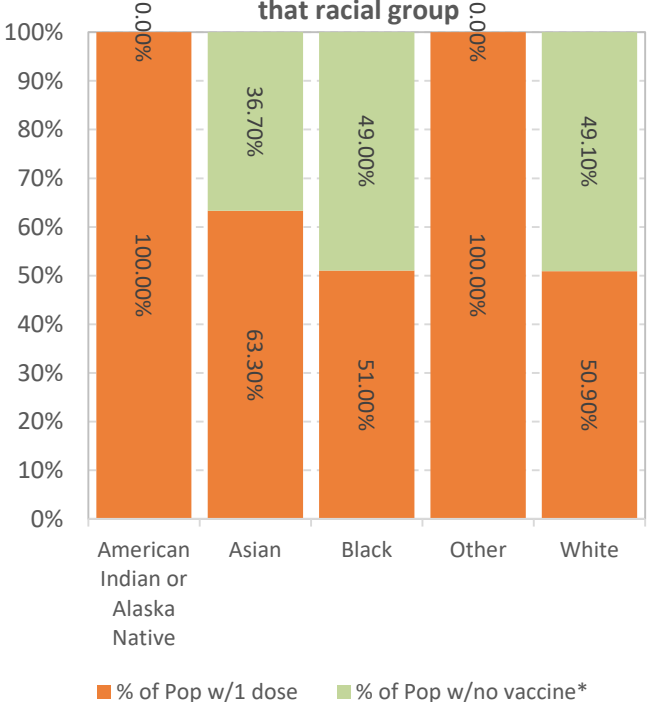
Epidemiology Overview for COVID-19 Vaccinations



Rockdale Residents, *data as of 1pm January 20, 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.

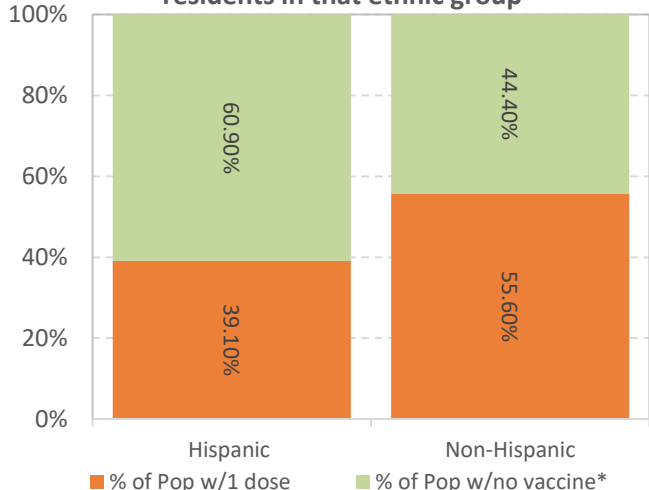
% of Rockdale residents who have received at least 1 dose by race out of all residents in that racial group



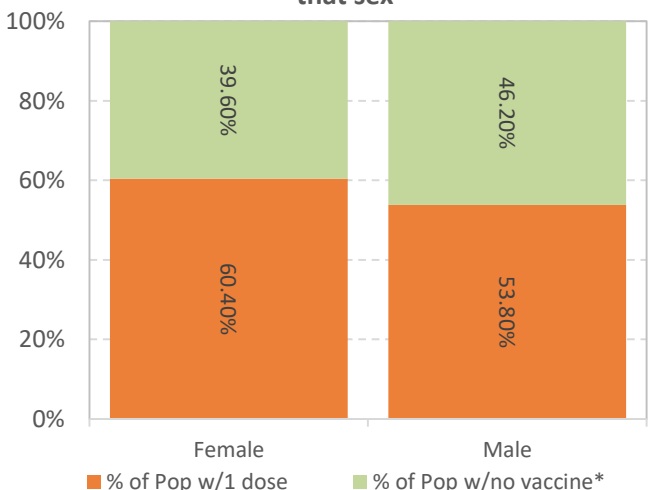
% of Rockdale residents who have received at least 1 dose by age group out of all residents in that age group



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



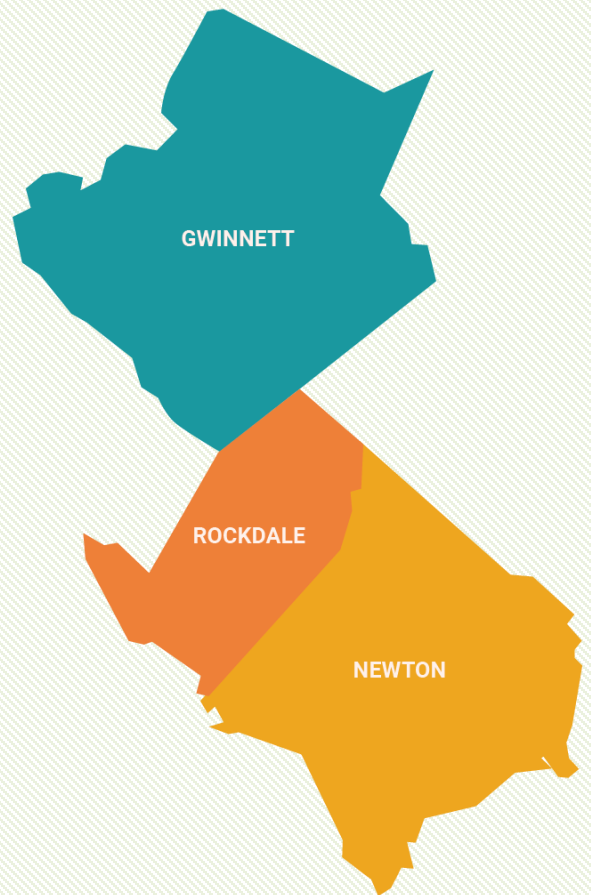
% of Rockdale residents who have received at least 1 dose by sex out of all residents in that sex



*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 January 20,
2022*



Epidemiology Overview of Gwinnett County

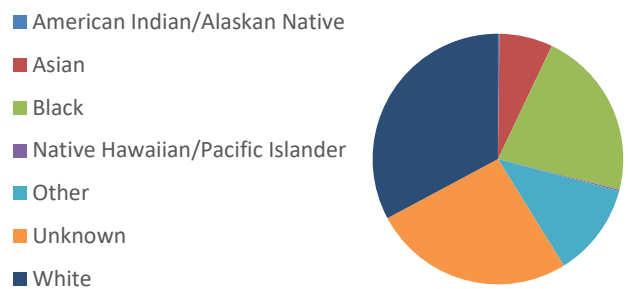


COVID-19 County Overview, *data as of 1pm January 20, 2022*

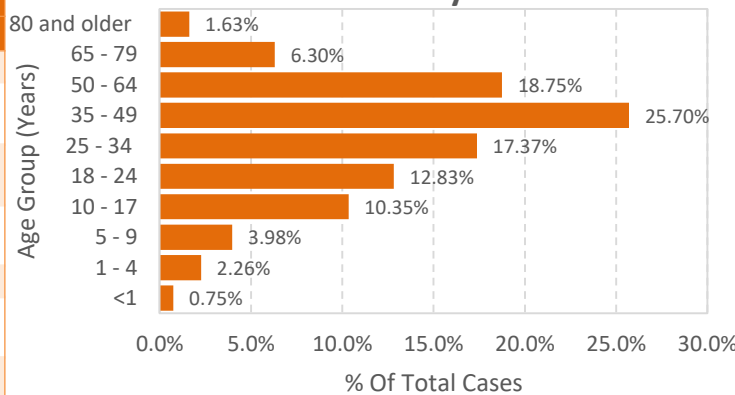
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936,250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 5.3% increase in newly confirmed COVID-19 Cases between the weeks of **1/06/2022 – 01/13/2022 (N=174,091) to 1/06/2022 – 01/20/2022 (N=183,331)**.

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths‡ (%)
Outbreak	4,878	1,014	5,892	280 (4.8%)
Total	152,972	30,359	183,331	1,607 (0.9%)
Illness Characteristics*† N=183,331; n=1,607				
	Total Cases		Deaths	
	N	%	n	%
Gender				
Female	98,827	53.9%	740	46.0%
Male	83,506	45.5%	867	54.0%
Median Age (years)	36		73	
Age range (years)	0 – 107		0 – 102	
Total Hospitalizations	6,970	3.8%	1,242	77.3%
Total with Underlying Conditions	18,967	47.7%**	819	95.2%**
Underlying Conditions unknown	143,578		747	

Total Cases & Deaths by Race*† N =183,331; Total Deaths n=1,607

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
American Indian/Alaskan Native	365	0.20%	0	0%	Other	22,097	12.05%	149	9.27%
Hispanic/Latino	163	0.09%	0	0%	Hispanic/Latino	9,359	5.10%	133	8.28%
Non-Hispanic/ Latino	146	0.08%	0	0%	Non-Hispanic/ Latino	2,995	1.63%	15	0.93%
Not Specified	56	0.03%	0	0%	Not Specified	9,743	5.31%	<5	0.06%
Asian	12,608	6.88%	153	9.52%	Unknown	47,667	26.00%	11	0.68%
Hispanic/Latino	209	0.11%	<5	0.06%	Hispanic/Latino	9,564	5.22%	6	0.37%
Non-Hispanic/ Latino	10,198	5.56%	151	9.40%	Non-Hispanic/ Latino	2,541	1.39%	<5	0.06%
Not Specified	2,201	1.20%	<5	0.06%	Not Specified	35,562	19.40%	4	0.25%
Black	40,097	21.87%	405	25.20%	White	60,173	32.82%	885	55.07%
Hispanic/Latino	1,270	0.69%	5	0.31%	Hispanic/Latino	16,333	8.91%	145	9.02%
Non-Hispanic/ Latino	35,335	19.27%	399	24.83%	Non-Hispanic/ Latino	39,998	21.82%	737	45.86%
Not Specified	3,492	1.90%	<5	0.06%	Not Specified	3,842	2.10%	<5	0.19%
Native Hawaiian/Pacific Islander	324	0.18%	<5	0.25%					
Hispanic/Latino	133	0.07%	<5	0.12%					
Non-Hispanic/ Latino	119	0.06%	<5	0.12%					
Not Specified	72	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

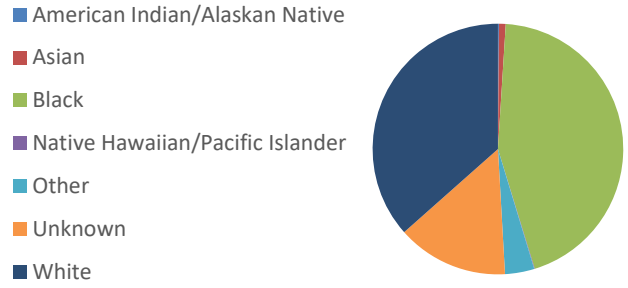


COVID-19 County Overview, *data as of 1pm January 20, 2022*

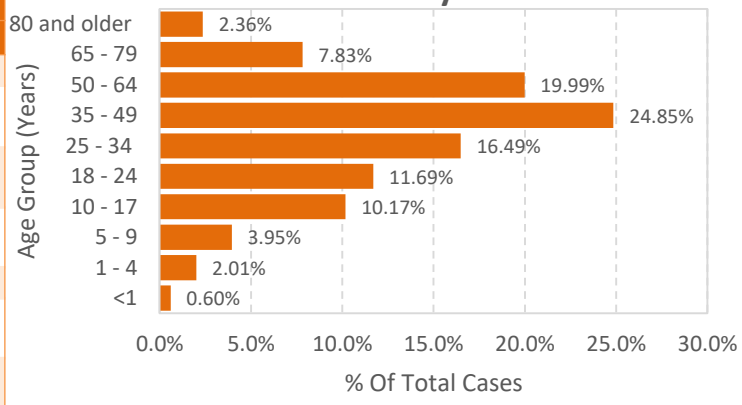
Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111,744 and makes up 9.8% of residents within the district.

In Newton County there has been a 3.8% increase in newly confirmed COVID-19 Cases between the weeks of **01/06/2022 – 01/13/2022 (N=21,555) to 01/06/2022 – 01/20/2022 (N=22,375)**.

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	676	230	906	82 (9.1%)
Total	16,256	6,119	22,375	383 (1.7%)

Illness Characteristics*† N=22,375; n=383

	Total Cases		Deaths	
	N	%	n	%
Gender				
Female	12,653	56.5%	184	48.0%
Male	9,637	43.1%	199	52.0%
Median Age (years)	38		71	
Age range (years)	0 – 102		21 – 102	
Total Hospitalizations	1,831	8.2%	253	66.1%
Total with Underlying Conditions	2,703	55.4%**	185	96.9%**
Underlying Conditions unknown	17,500		192	

Total Cases & Deaths by Race*† N =22,375; Total Deaths n=383

Race	Total Cases	%	Deaths	%
American Indian/Alaskan Native	30	0.13%	<5	0.26%
Hispanic/Latino	<5	0.01%	0	0%
Non-Hispanic/ Latino	19	0.08%	<5	0.26%
Not Specified	8	0.04%	0	0%
Asian	193	0.86%	<5	0.78%
Hispanic/Latino	6	0.03%	0	0.00%
Non-Hispanic/ Latino	171	0.76%	<5	0.78%
Not Specified	16	0.07%	0	0.00%
Black	9,901	44.25%	154	40.21%
Hispanic/Latino	170	0.76%	0	0.00%
Non-Hispanic/ Latino	9,044	40.42%	154	40.21%
Not Specified	687	3.07%	0	0.00%
Native Hawaiian/Pacific Islander	16	0.07%	0	0%
Hispanic/Latino	<5	0.01%	0	0%
Non-Hispanic/ Latino	12	0.05%	0	0%
Not Specified	<5	0.01%	0	0%
Other	846	3.78%	<5	1.04%
Hispanic/Latino	260	1.16%	<5	0.78%
Non-Hispanic/ Latino	394	1.76%	<5	0.26%
Not Specified	192	0.86%	0	0.00%
Unknown	3,213	14.36%	0	0.00%
Hispanic/Latino	258	1.15%	0	0.00%
Non-Hispanic/ Latino	233	1.04%	0	0.00%
Not Specified	2,722	12.17%	0	0.00%
White	8,176	36.54%	221	57.70%
Hispanic/Latino	570	2.55%	7	1.83%
Non-Hispanic/ Latino	7,116	31.80%	214	55.87%
Not Specified	490	2.19%	0	0.00%

*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

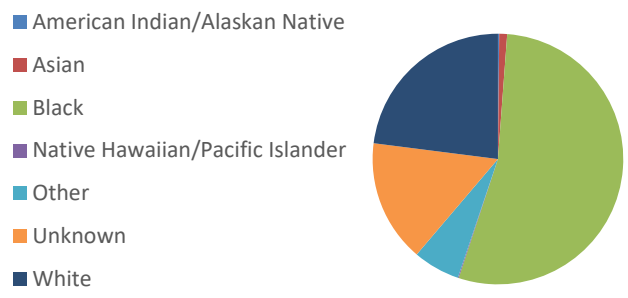


COVID-19 County Overview, *data as of 1pm January 20, 2022*

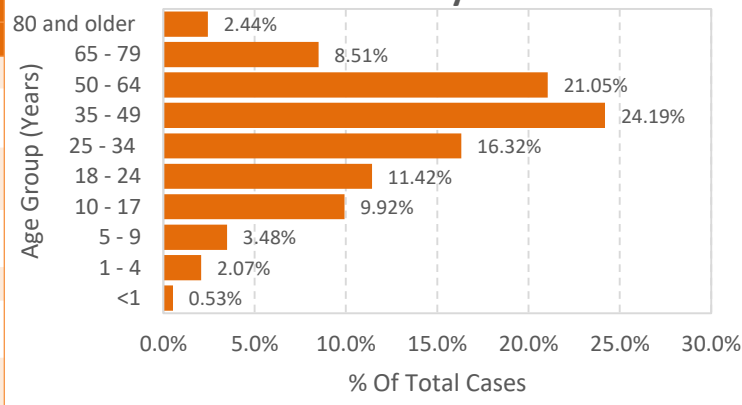
Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

In Rockdale County there has been a 4.0% increase in newly confirmed COVID-19 Cases between the 2 weeks of **1/06/2022 – 01/13/2022 (N=15,978) to 1/06/2022 – 01/20/2022 (N=16,616)**.

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 Death† (%)
Outbreak	569	180	749	54 (7.2%)
Total	13,500	3,116	16,616	275 (1.7%)

Illness Characteristics*† N=16,616; n=275

	Total Cases		Deaths	
	N	%	n	%
Gender				
Female	9,506	57.2%	144	52.4%
Male	7,044	42.4%	131	47.6%
Median Age (years)	38		73	
Age range (years)	0 – 100		27 – 100	
Total Hospitalizations	1,902	11.4%	223	81.1%
Total with Underlying Conditions	2,457	61.0%**	196	97.0%**
Underlying Conditions unknown	12,590		73	

Total Cases & Deaths by Race*† N=16,616; Total Deaths n=275

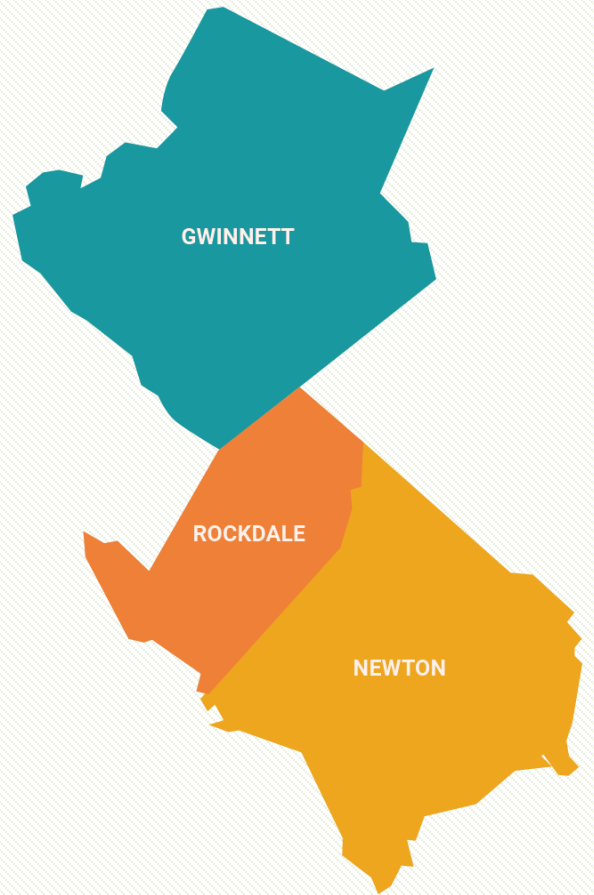
	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
American Indian/Alaskan Native	27	0.16%	<5	0.36%	Other	1,003	6.04%	<5	1.45%
Hispanic/Latino	7	0.04%	0	0%	Hispanic/Latino	549	3.30%	<5	1.45%
Non-Hispanic/ Latino	15	0.09%	<5	0.36%	Non-Hispanic/ Latino	244	1.47%	0	0.00%
Not Specified	5	0.03%	0	0%	Not Specified	210	1.26%	0	0.00%
Asian	169	1.02%	<5	1.45%	Unknown	2,624	15.79%	<5	0.36%
Hispanic/Latino	<5	0.01%	0	0.00%	Hispanic/Latino	302	1.82%	0	0.00%
Non-Hispanic/ Latino	148	0.89%	<5	1.45%	Non-Hispanic/ Latino	202	1.22%	<5	0.36%
Not Specified	19	0.11%	0	0.00%	Not Specified	2,120	12.76%	0	0.00%
Black	8,955	53.89%	124	45.09%	White	3,819	22.98%	141	51.27%
Hispanic/Latino	159	0.96%	0	0.00%	Hispanic/Latino	627	3.77%	9	3.27%
Non-Hispanic/ Latino	8,127	48.91%	124	45.09%	Non-Hispanic/ Latino	2,968	17.86%	132	48.00%
Not Specified	669	4.03%	0	0.00%	Not Specified	224	1.35%	0	0.00%
Native Hawaiian/Pacific Islander	19	0.11%	0	0%					
Hispanic/Latino	<5	0.02%	0	0%					
Non-Hispanic/ Latino	13	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 January 20,
2021*





Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Cases among Vaccinated Gwinnett Residents, *data as of 8am January 20, 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.

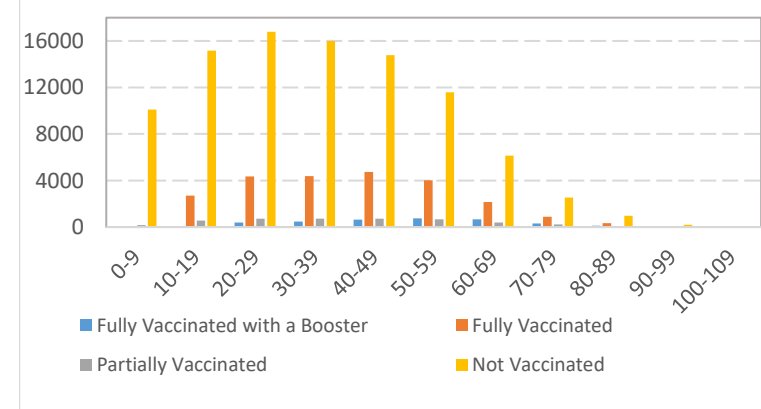
For the purposes of this report **fully vaccinated with a booster** is defined as an individual who has received all doses of their primary series (either one dose of a one dose series, or two doses of a two dose series) and received one booster dose, at least 14 days prior to their positive test date 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	3,383 (2.7)	23,784 (18.9)	4,318 (3.4)	94,374 (75.0)	125,859
Deaths	<5 (0.4)	50 (6.26)	56 (7.0)	690 (86.4)	799

Illness Characteristics N %, n %						
	Fully Vaccinated w/a Booster		Fully Vaccinated		Partially Vaccinated	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Gender						
Female	1,990 (58.8)	<5 (33.3)	14,122 (59.4)	25 (50.0)	2,464 (57.1)	26 (46.4)
Male	1,393 (41.2)	<5 (66.7)	9,662 (40.6)	25 (50.0)	1,854 (42.9)	30 (53.6)
Median Age (years)	51	72	40	79	39	79
Age range (years)	15-97	51-74	5-101	42-98	4-99	28-95
Median of days between last dose and test date	-	-	209	165	26	13
Range of days between last dose and test date	-	-	14-463	17-309	0-729	2-203
Outbreak related	61	0	506	14	139	6
Hospitalizations	26 (0.8)	<5 (66.7)	307 (1.3)	35 (70.0)	150 (3.5)	42 (75.0)

	Fully Vaccinated w/ a Booster		Fully Vaccinated		Partially Vaccinated	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
American Indian/Alaskan Native	11 (0.3)	-	52 (0.2)	0 (0)	9 (0.2)	0 (0)
Asian	496 (14.7)	-	2,358 (9.9)	5 (10.0)	361 (8.4)	10 (17.9)
Black	621 (18.4)	-	5,300 (22.3)	11 (22.0)	1,153 (26.7)	7 (12.5)
Native Hawaiian/Pacific Islander	9 (0.3)	-	58 (0.2)	0 (0)	11 (0.3)	0 (0)
Other	177 (5.2)	<5 (33.3)	1,442 (6.1)	<5 (2.0)	333 (7.7)	<5 (1.8)
Unknown	1,114 (32.9)	-	7,813 (32.9)	0 (0)	1,123 (26.0)	0 (0)
White	955 (28.2)	<5 (66.7)	6,761 (28.4)	33 (66.0)	1,328 (30.8)	38 (67.9)
Ethnicity						
Hispanic/Latino	331 (9.8)	-	3,300 (13.9)	<5 (6.0)	562 (13.02)	<5 (3.6)
Non-Hispanic/Latino	1,743 (51.5)	<5 (100)	11,988 (50.4)	47 (94.0)	2,454 (56.8)	53 (94.6)
Not Specified	1,309 (38.7)	-	8,496 (35.7)	0 (0)	1,302 (30.2)	0 (0%)

Age Distribution of COVID-19 Cases among by Vaccination Status, Gwinnett



Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validation are ongoing

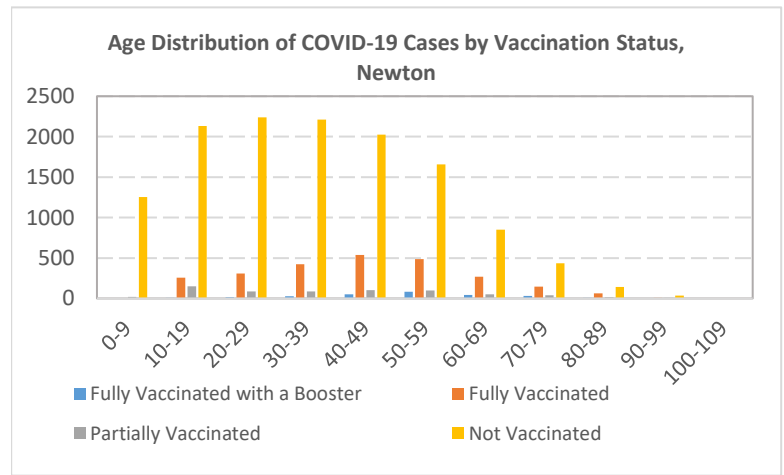


Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Cases among Vaccinated Newton Residents, *data as of 8am January 20, 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	268 (1.6)	2,505 (15.3)	654 (4.0)	12,994 (79.1)	16,421	
Deaths	0	13 (6.9)	12 (6.4)	163 (86.7)	188	
Illness Characteristics N (%), n (%)						
	Fully Vaccinated with a booster		Fully Vaccinated		Partially Vaccinated	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Gender						
Female	180 (67.2)	-	1,596 (63.7)	8 (61.5)	403 (61.6)	7 (58.3)
Male	88 (32.8)	-	909 (36.3)	5 (38.5)	251 (38.4)	5 (41.7)
Median Age (years)	53	-	44	72	38	77
Age range (years)	14-99	-	5-94	37-90	5-97	56-93
Median of days between last dose and test date	-	-	190	141	20	16
Range of days between last dose and test date	-	-	14-369	31-312	0-322	7-153
Outbreak related	7	-	66	<5	28	<5
Hospitalizations	8 (3.0)	-	173 (6.9)	12 (92.3)	62 (9.5)	10 (83.3)
	Fully Vaccinated w/ a Booster		Fully Vaccinated		Partially Vaccinated	
Race	Cases	Deaths	Cases	Deaths	Cases	Deaths
American Indian/Alaskan Native	0 (0.0)	-	<5 (0.2)	0 (0)	0 (0.0)	0 (0)
Asian	<5 (0.4)	-	29 (1.2)	0 (0)	40 (6.1)	<5 (8.3)
Black	138 (51.5)	-	1,187 (47.4)	5 (38.5)	283 (43.3)	6 (50.0)
Native Hawaiian/Pacific Islander	0 (0.0)	-	<5 (0.0)	0 (0)	0 (0.0)	0 (0)
Other	7 (2.6)	-	69 (2.8)	0 (0)	35 (5.4)	0 (0)
Unknown	51 (19.0)	-	468 (18.7)	0 (0)	88 (13.5)	0 (0)
White	71 (26.5)	-	747 (29.8)	8 (61.5)	208 (31.8)	5 (41.7)
Ethnicity						
Hispanic/Latino	7 (2.6)	-	129 (5.2)	0 (0)	27 (4.1)	0 (0)
Non-Hispanic/Latino	194 (72.4)	-	1,785 (71.3)	13 (100)	511 (78.1)	12 (100)
Not Specified	67 (25.0)	-	591 (23.6)	0 (0)	116 (17.4)	0 (0)

Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validation are ongoing

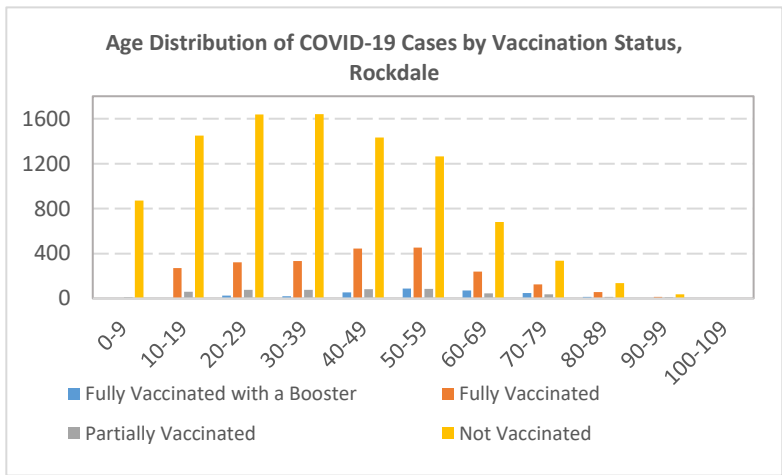


Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Cases among Vaccinated Rockdale Residents, *data as of 8am January 20, 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	323 (2.6)	2,260 (18.0)	496 (3.9)	9,498 (75.5)	12,577	
Deaths	<5 (2.0)	17 (11.6)	15 (10.2)	112 (76.2)	147	
Illness Characteristics N (%), n (%)						
	Fully Vaccinated w/ a booster		Fully Vaccinated		Partially Vaccinated	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Gender						
Female	192 (59.4)	<5 (66.7)	1,465 (64.8)	12 (70.6)	312 (62.9)	8 (53.3)
Male	131 (40.6)	<5 (33.3)	795 (35.2)	5 (29.4)	184 (37.1)	7 (46.7)
Median Age (years)	56	76	44	74	44	84
Age range (years)	17-97	65-83	7-98	50-91	5-100	57-100
Median of days between last dose and test date	-	-	194	141	28	15
Range of days between last dose and test date	-	-	14-362	67-241	0-352	0-352
Outbreak related	11	<5	81	0	40	7
Hospitalizations	15 (4.6)	<5 (66.7)	153 (6.8)	14 (82.4)	59 (11.9)	10 (66.7)
	Fully Vaccinated with a booster		Fully Vaccinated		Partially Vaccinated	
Race	Cases	Deaths	Cases	Deaths	Cases	Deaths
American Indian/Alaskan Native	<5 (0.3)	0 (0)	9 (0.4)	0 (0)	<5 (0.6)	0 (0)
Asian	7 (2.2)	0 (0)	25 (1.1)	<5 (5.9)	8 (1.6)	<5 (6.7)
Black	181 (56.0)	<5 (33.3)	1,235 (54.7)	6 (35.3)	272 (54.8)	6 (40.0)
Native Hawaiian/Pacific Islander	0 (0.0)	0 (0)	<5 (0.2)	0 (0)	<5 (0.4)	0 (0)
Other	15 (4.6)	0 (0)	140 (6.2)	0 (0)	36 (7.3)	0 (0)
Unknown	59 (18.3)	0 (0)	447 (19.8)	0 (0)	69 (13.9)	0 (0%)
White	60 (18.6)	<5 (66.7)	400 (17.7)	10 (58.8)	106 (21.4)	8 (53.3)
Ethnicity						
Hispanic/Latino	17 (5.3)	0 (0)	174 (7.7)	<5 (5.9)	39 (7.9)	0 (0)
Non-Hispanic/Latino	226 (70.0)	<5 (100)	1,495 (66.2)	16 (94.1)	347 (70.0)	15 (100)
Not Specified	80 (24.8)	0 (0)	591 (26.2)	0 (0)	110 (22.2)	0 (0)

Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validation are ongoing