

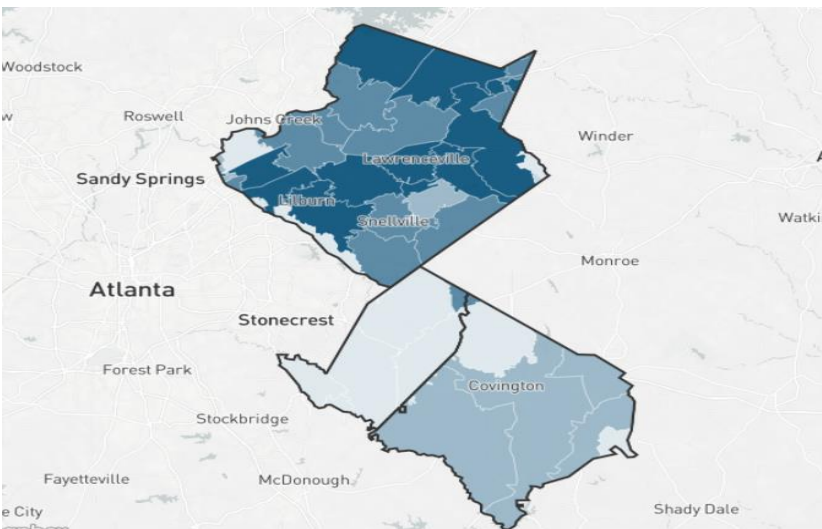
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 District Overview, data as of 1pm October 8, 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!



COVID-19 Cases & Deaths*					
	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths‡ (%)	
A	Gwinnett	108,253	20,571	128,824	1,644(1.3%)
	Newton	10,651	4,920	15,571	379 (2.4%)
n	Rockdale	8,574	2,319	10,893	262 (2.4%)
	Total	127,723	27,947	155,670	2,285 (1.5%)
Illness Characteristics*† N=155,670 n=2,285					
			Among all Cases	Among Deaths	
Gender					
	Female	83,409 (53.6%)		1,082 (47.4%)	
	Male	71,547 (46.0%)		1,202 (52.6%)	
Median Age (years)		37		74	
Age range (years)		0 – 107		10 – 102	
Total Hospitalizations		8,497 (5.5%)		1,565 (68.5%)	
Total with Underlying Conditions		20,468 (48.7%)**		1,239 (96.0%)**	
Underlying Conditions unknown		113,992		992	

	Georgia	Gwinnett	Newton	Rockdale
Total Tests†	15,154,823	1,288,328	149,808	117,961
Total Positive†	1,558,820 (10.4%)	139,758 (10.8%)	17,080 (11.4%)	12,199 (10.3%)
Seven Day***	20,169 (8.1%)	3,675 (10.9%)	185 (10.7%)	155 (8.9%)

Total Cases & Deaths by Race*† N = 155,671; Total Deaths n=2,285

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	8,481	5.45%	157	6.87%	White	54,067	34.84%	1,303	55.48%
Hispanic/Latino	103	0.07%	<5	0.04%	Hispanic/Latino	12,894	8.28%	159	6.96%
Non-Hispanic/ Latino	6,655	4.28%	156	6.83%	Non-Hispanic/ Latino	36,900	23.70%	1,142	49.98%
Not Specified	1,723	1.11%	0	0%	Not Specified	4,273	2.74%	<5	0.09%
Black	39,273	25.29%	657	28.75%	Other	19,511	12.63%	158	6.91%
Hispanic/Latino	944	0.61%	5	0.22%	Hispanic/Latino	7,499	4.82%	140	6.13%
Non-Hispanic/ Latino	34,680	22.28%	651	28.49%	Non-Hispanic/ Latino	2,205	1.42%	16	0.70%
Not Specified	3,649	2.34%	<5	0.04%	Not Specified	9,807	6.30%	2	0.09%
Native Hawaiian/Pacific Islander	200	0.13%	<5	0.18%	Unknown	33,877	21.51%	<5	0.18%
Hispanic/Latino	58	0.04%	<5	0.04%	Hispanic/Latino	6,331	4.07%	<5	0.13%
Non-Hispanic/ Latino	111	0.07%	<5	0.13%	Non-Hispanic/ Latino	2,171	1.39%	0	0%
Not Specified	31	0.02%	0	0%	Not Specified	25,375	16.30%	<5	0.04%
American Indian/Alaskan Native	262	0.17%	<5	0.09%	*Data Source: GA DPH, State Electronic Disease Surveillance System				
Hispanic/Latino	90	0.06%	0	0%	**Among patients with underlying conditions information available				
Non-Hispanic/ Latino	111	0.07%	<5	0.09%	***7-day positivity data represents the percentage of positive PCR test results in the district, by county, for the previous 7-day period. 9/30/2021 – 10/07/2021.				
Not Specified	61	0.04%	0	0%	† 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

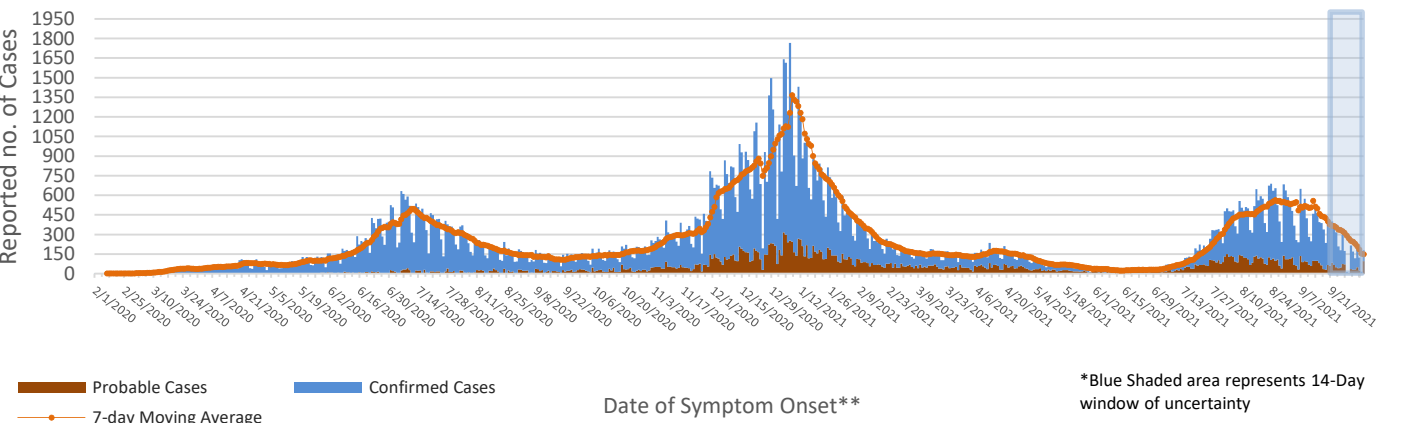


COVID-19 District Overview, data as of 1pm October 7, 2021

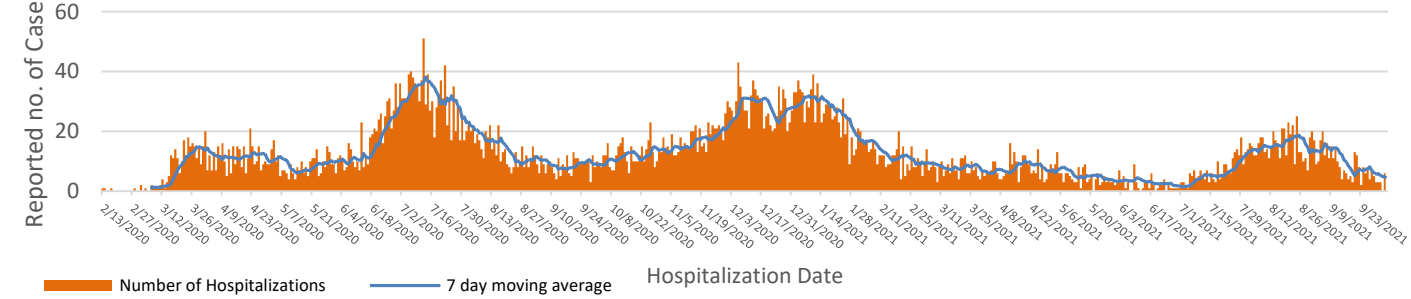
Gwinnett, Newton, and Rockdale County Health Department’s Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program’s activities and provides a portrayal of the current situation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

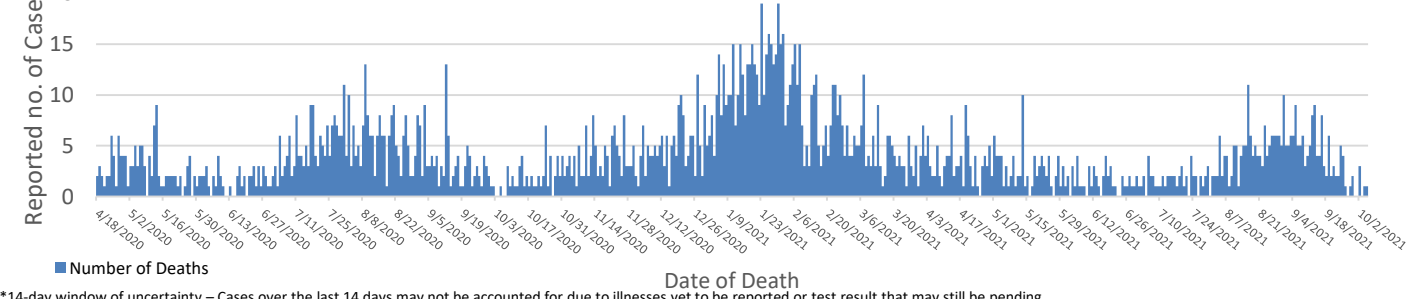
Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 10/7/2021[†]



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

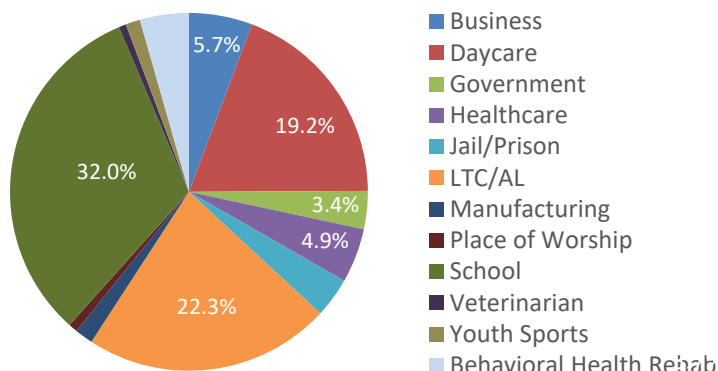
Epidemiology Overview of Outbreaks



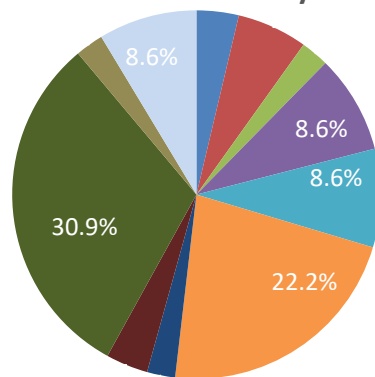
COVID-19 Snapshot, data as 1pm October 7, 2021

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.

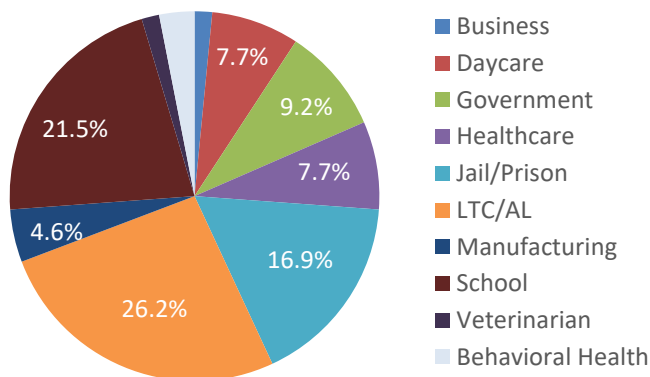
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County

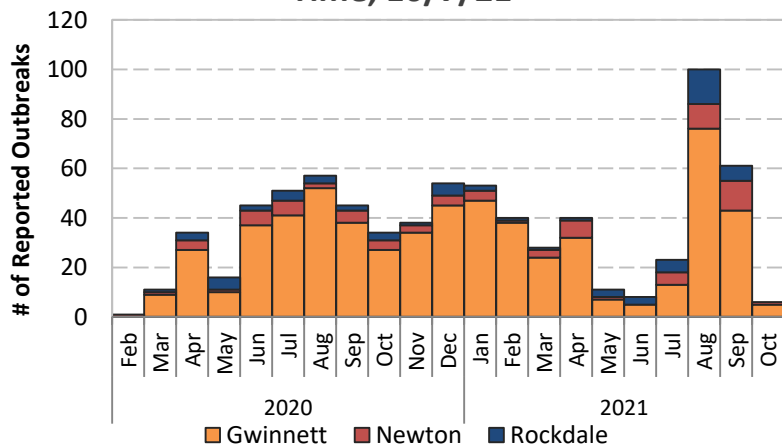


Number of Outbreaks by Facility Type for Rockdale County



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

Number of Outbreaks by County Over Time, 10/7/21



Number of Outbreaks by Facility Type N=756

Facility Type	Gwinnett n=610	Newton n=81	Rockdale n=65
Business	5.74%	3.70%	1.54%
Daycare	19.18%	6.17%	7.69%
Government	3.44%	2.47%	9.23%
Healthcare	4.92%	8.64%	7.69%
Jail/Prison	3.61%	8.64%	16.92%
LTC/AL	22.30%	22.22%	26.15%
Manufacturing	1.64%	2.47%	4.62%
Place of Worship	0.82%	3.70%	0.00%
Schools	31.97%	30.86%	21.54%
Veterinarian	0.66%	0.00%	1.54%
Youth Sports	1.31%	2.47%	0.00%
Behavioral Health Rehab	4.43%	8.64%	3.08%

Epidemiology Overview of COVID-19 Vaccinations Among District Residents

Data as of 1pm October 7, 2021



Epidemiology Overview of COVID-19 Vaccinations

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

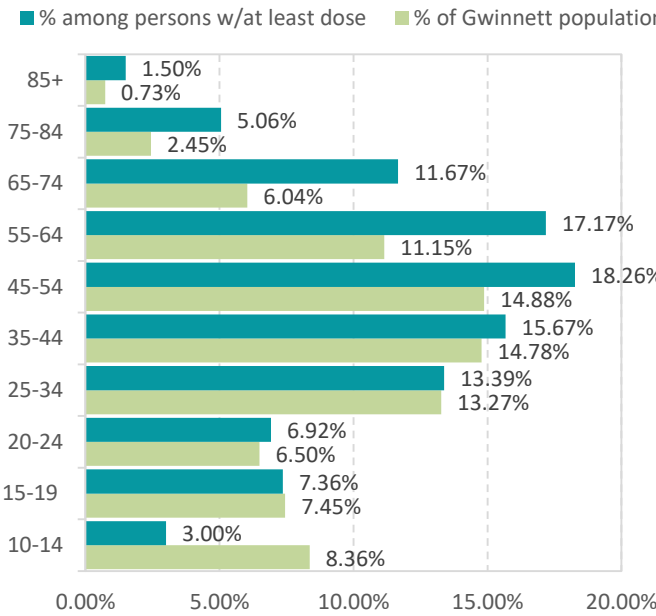
Data as of 1pm October 7, 2021



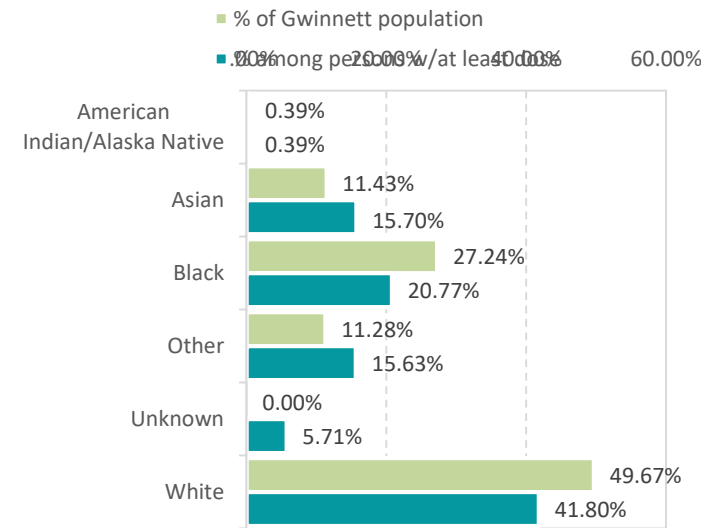
The data on this page compares the demographic characteristics among Gwinnett residents who have received at least one vaccine dose to the demographic characteristics of the Gwinnett population. The light green bar represents the % of individuals identifying as that group living in Gwinnett. The blue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

531,057 (58.0%) Residents have received at least one dose.
480,997 (52.6%) Residents are fully vaccinated.

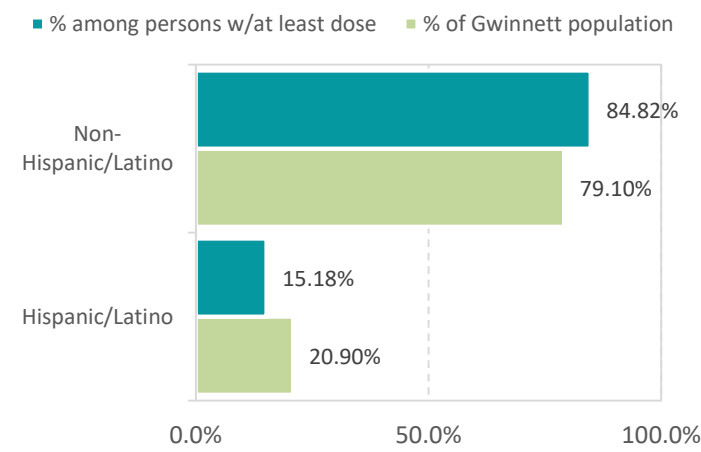
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by age group



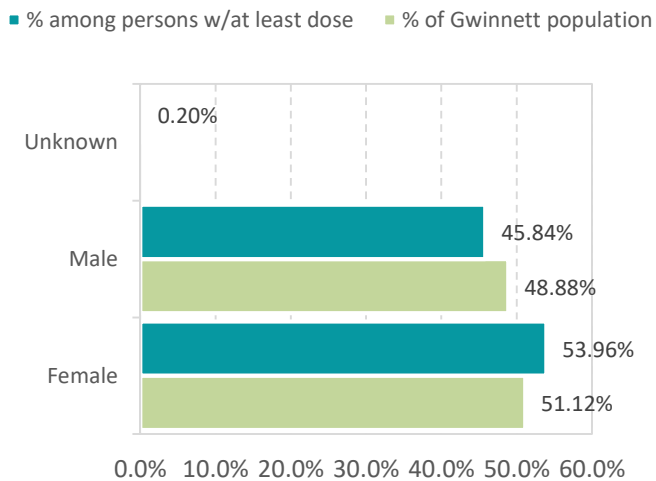
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by race



% 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

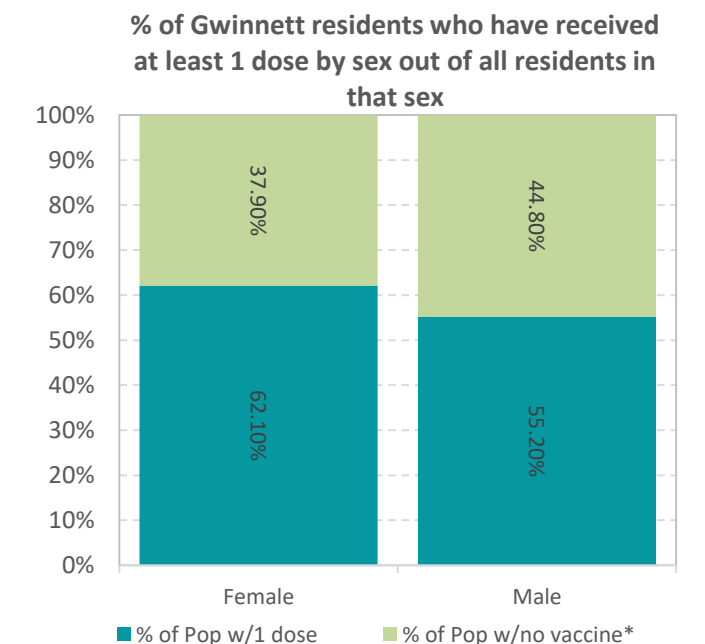
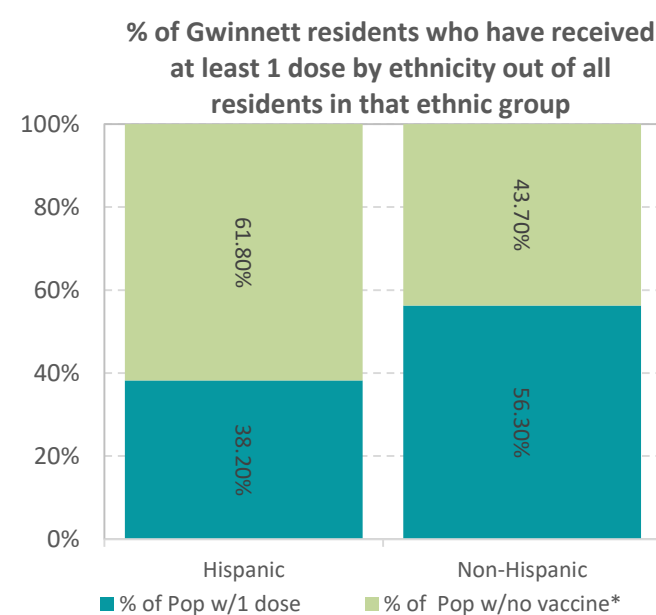
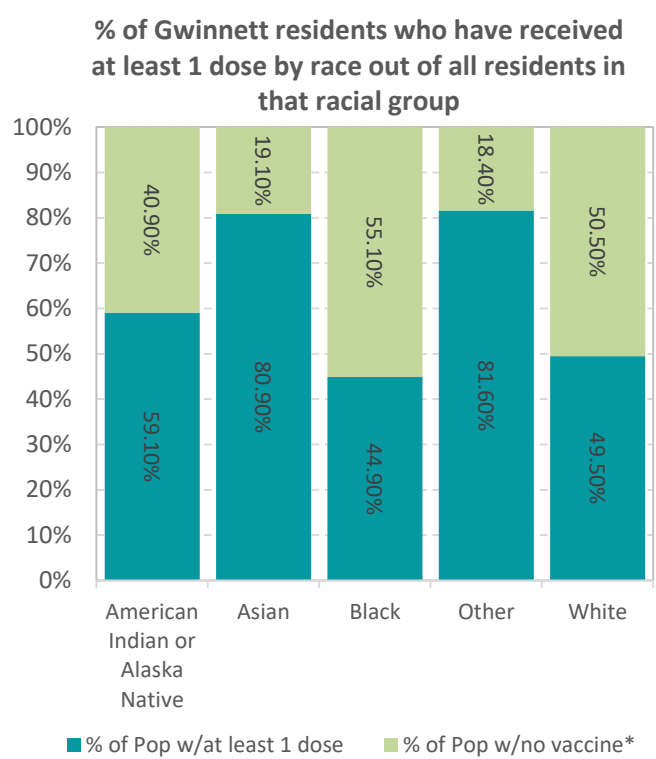


Epidemiology Overview for COVID-19 Vaccinations



Gwinnett Residents, data as of 1pm October 7, 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 October 7, 2021

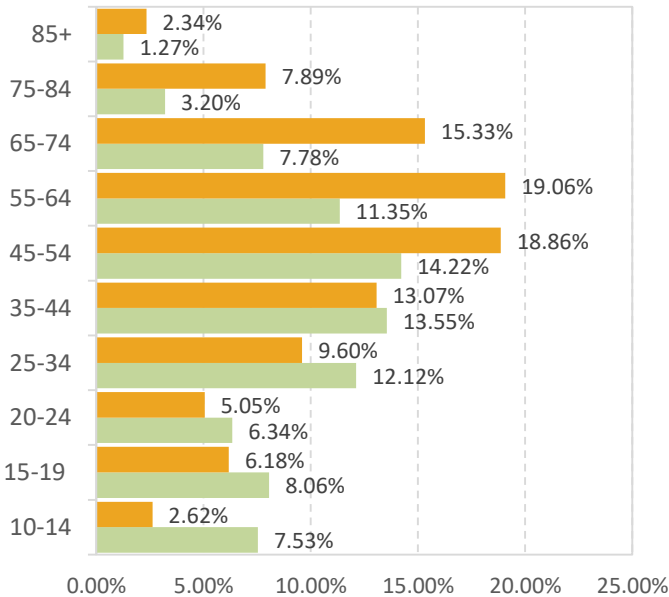


The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar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

49,118 (45.4%) Residents have received at least one dose.
43,570 (40.3%) Residents are fully vaccinated.

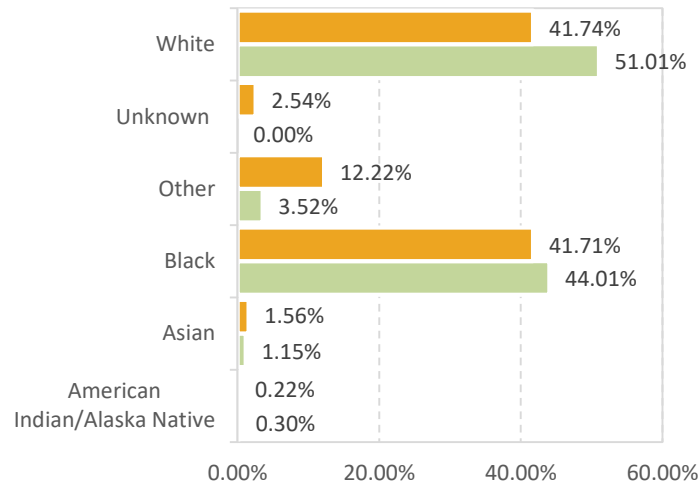
% Newton residents with at least 1 dose compared with % of Newton Pop by age group

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



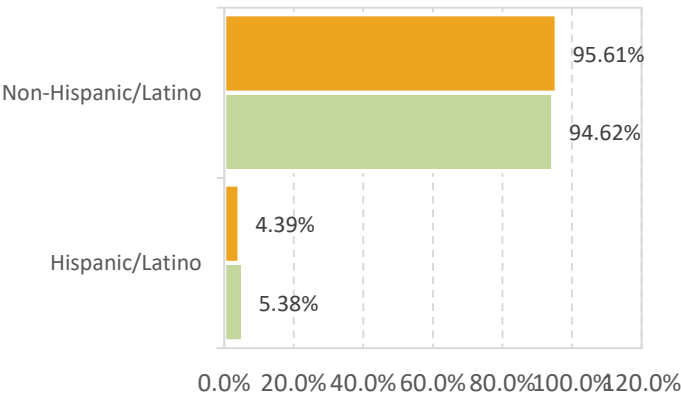
% Newton residents with at least 1 dose compared with % of Newton Pop by race

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



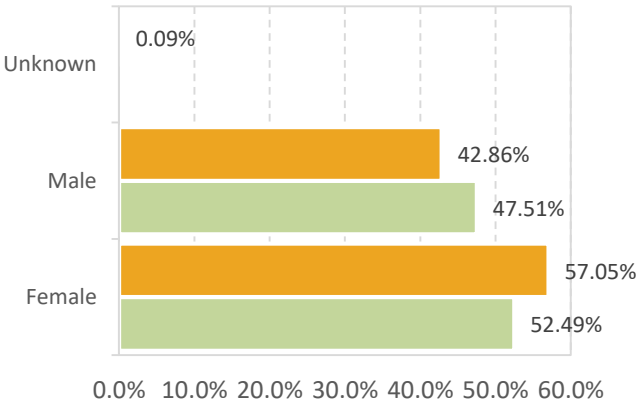
% of Newton residents with at least 1 dose compared with % of Newton Pop by ethnicity

■ % 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

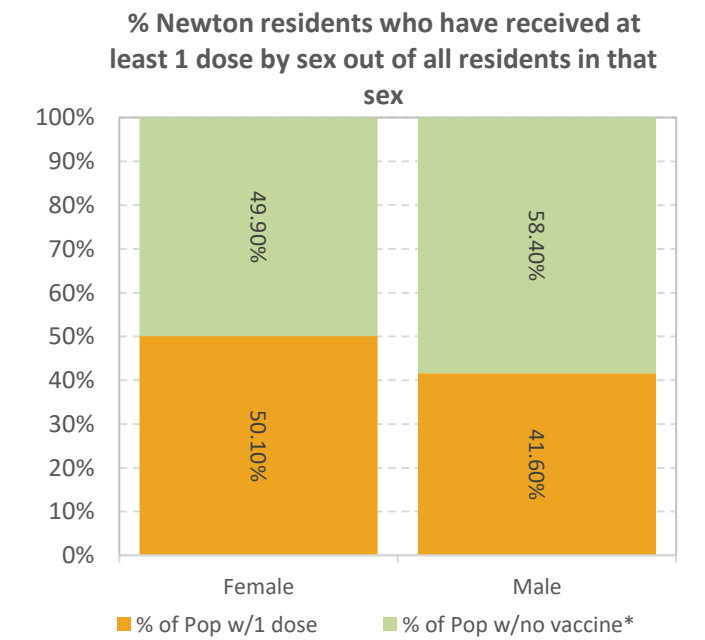
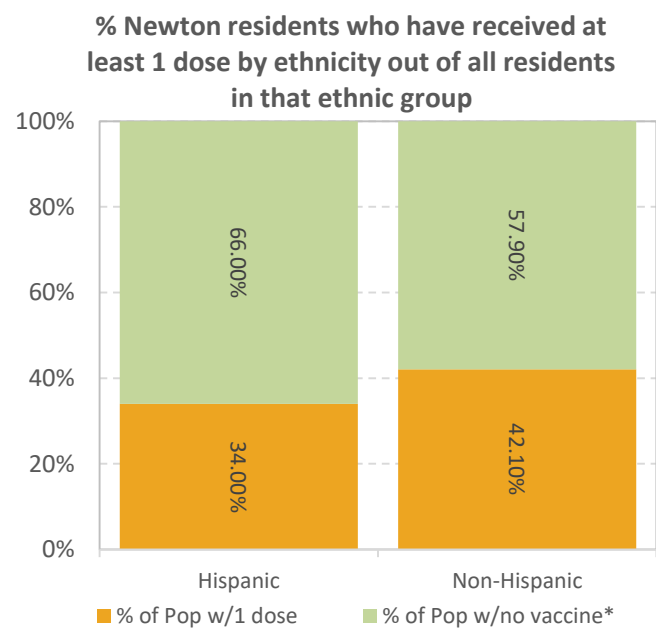
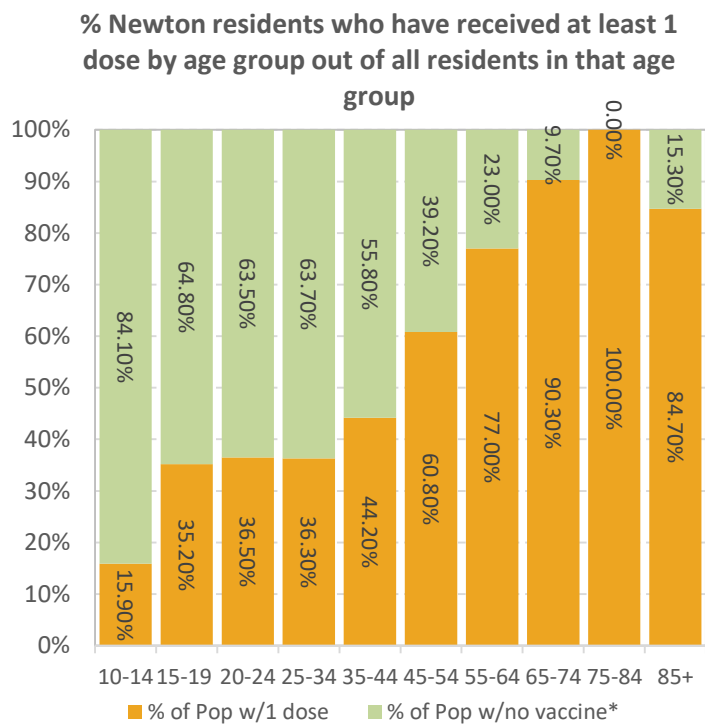
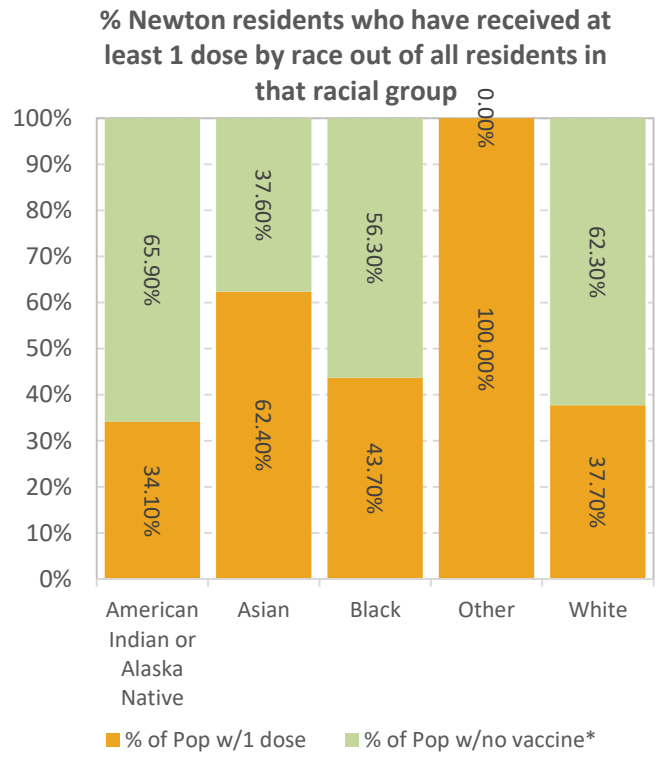


Epidemiology Overview for COVID-19 Vaccinations



Newton Residents, data as of 1pm October 7, 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

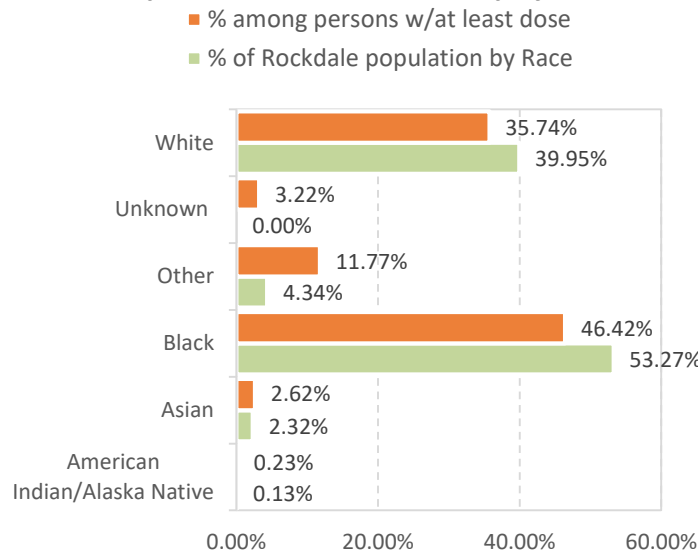
Data as of 1pm October 7, 2021



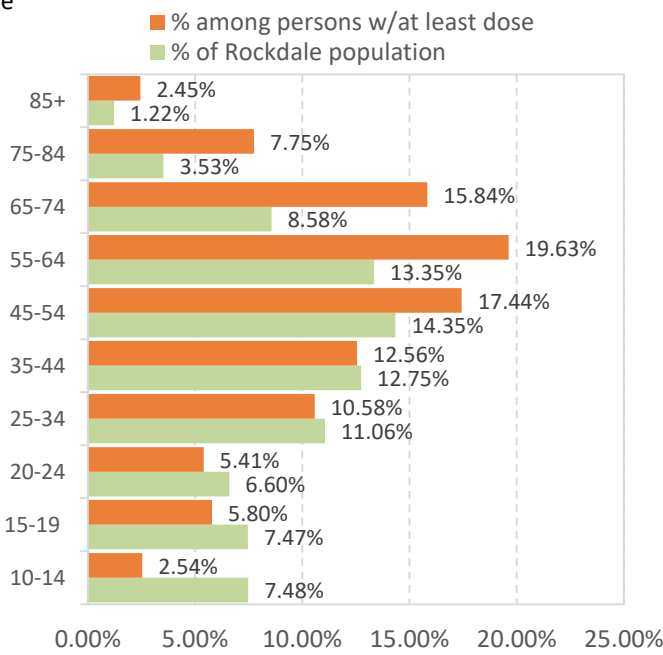
The data on this page compares the demographic characteristics among Rockdale residents who have received at least one vaccine dose to the demographic characteristics of the Rockdale population. The light green bar represents the % of individuals identifying as that group living in Newton. The orange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

47,767 (53.2%) Residents have received at least one dose.
42,554 (47.4%) Residents are fully vaccinated.

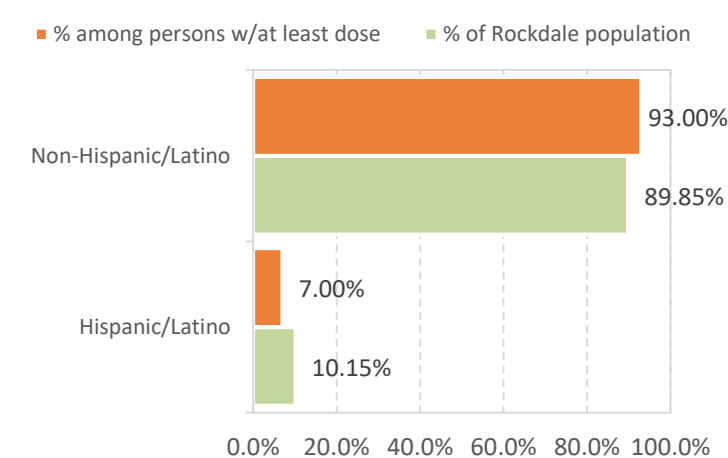
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race



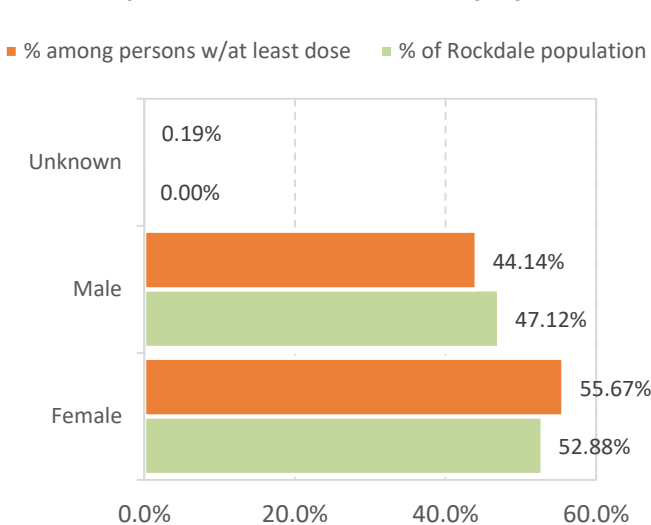
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by age group



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



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

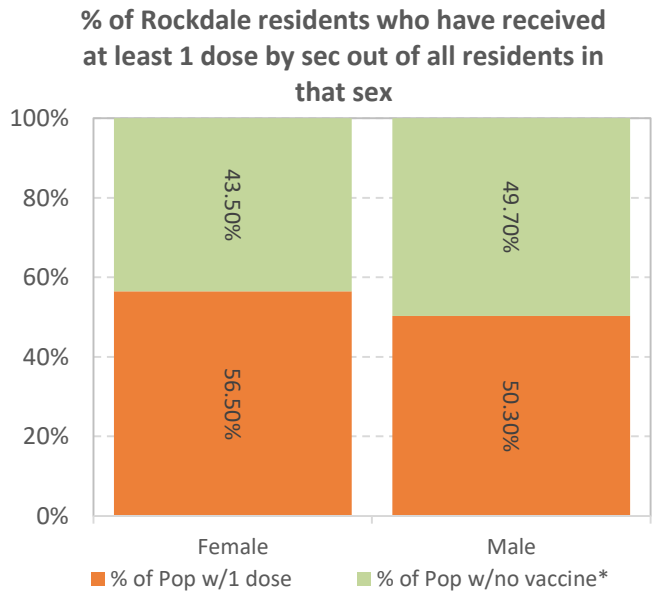
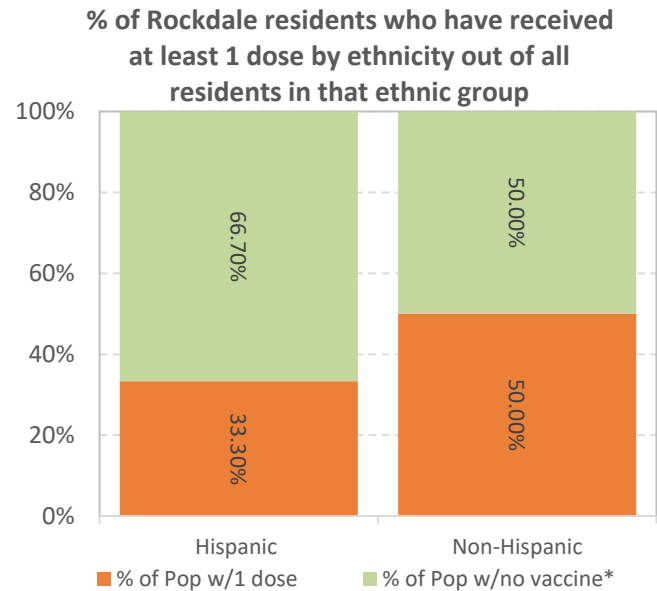
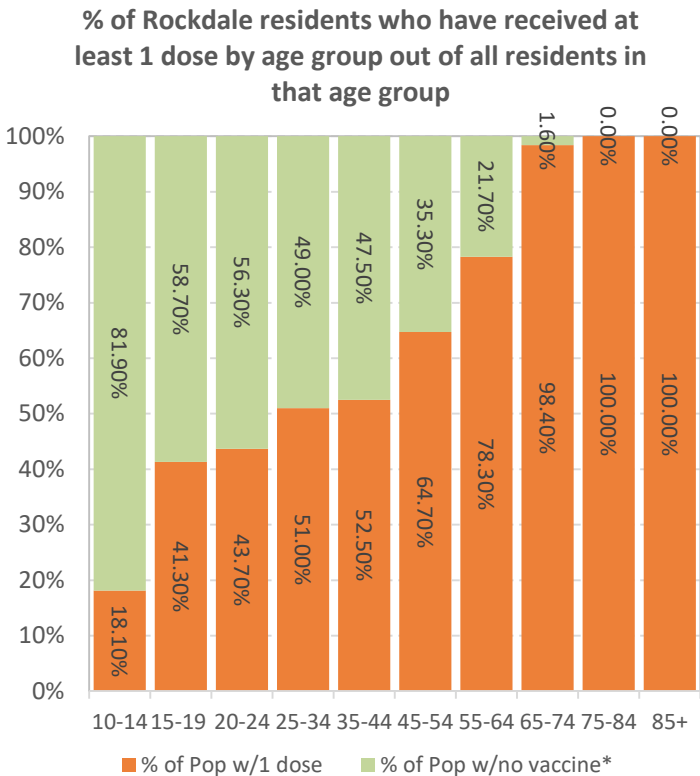
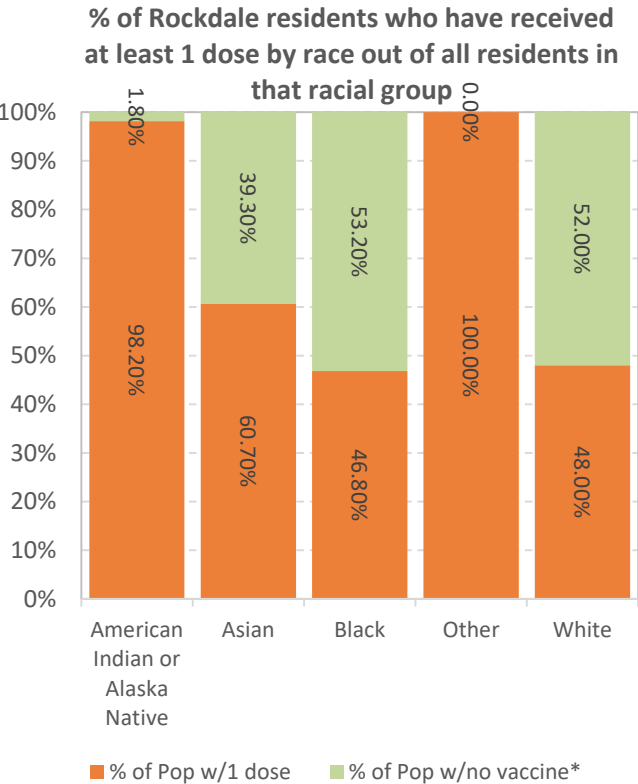


Epidemiology Overview for COVID-19 Vaccinations



Rockdale Residents, data as of 1pm October 7, 2021

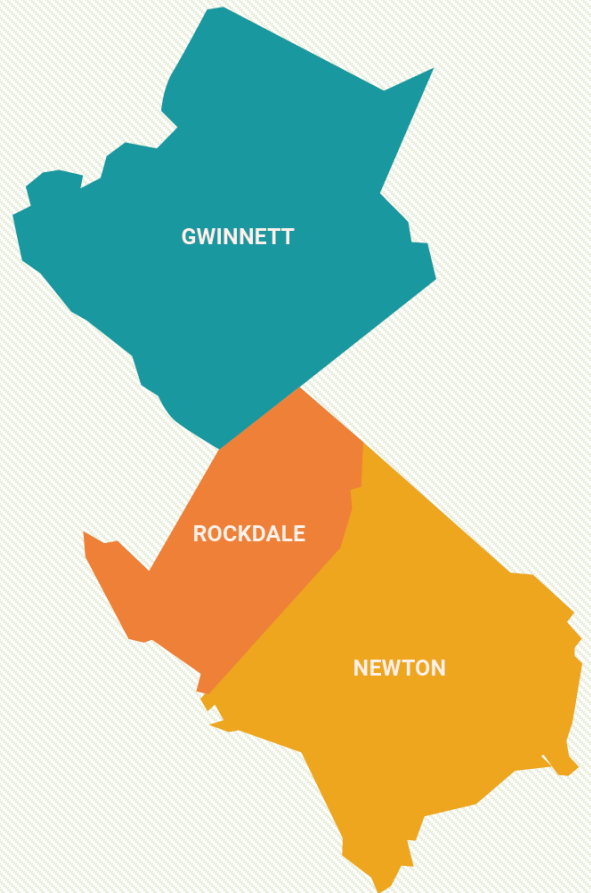
The data on this page represents the percentage of Rockdale residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Rockdale that identify as black, and 20 of them have received at least one dose, the percentage 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.



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

*Data as of 1pm October 7,
2021*



Epidemiology Overview of Gwinnett County



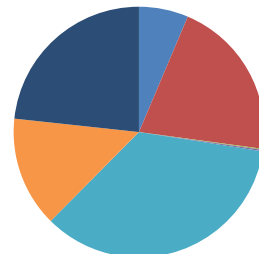
COVID-19 County Overview, data as of 1pm October 7, 2021

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.

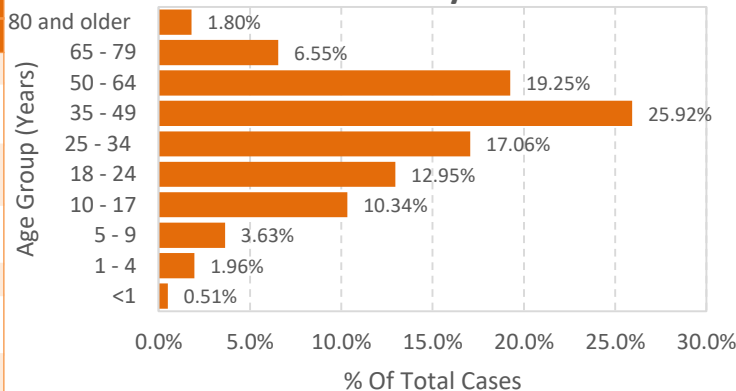
In Gwinnett County there has been a 1.8% increase in newly confirmed COVID-19 Cases between the week of 9/23/2021 – 9/30/2021 (N=126,525) to 9/30/2021 – 10/7/2021 (N=128,824).

Race Distribution of Cases in Gwinnett County

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



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Probable Cases	Total Cases† Total Deathst (%)
Outbreak	3,773	653	4,426 352 (7.9%)
Total	108,253	20,571	128,824 2,285 (1.3%)
Illness Characteristics*† N=128,824; n=1,644			
	Among all Cases		Among Deaths
Gender			
Female	68,361 (53.1%)		796 (46.8%)
Male	59,853 (46.5%)		874 (53.2%)
Median Age (years)	37		74
Age range (years)	0 – 107		10 – 102
Total Hospitalizations	6,079 (4.7%)		1,153 (70.1%)
Total with Underlying Conditions	16,116 (46.8%)**		849 (95.7%)**
Underlying Conditions unknown	94,650		753

Total Cases & Deaths by Race*† N =128,824; Total Deaths n=1,644

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	8,204	6.37%	152	9.90%	White	45,055	34.97%	944	57.42%
Hispanic/Latino	97	0.08%	<5	0.06%	Hispanic/Latino	11,996	9.31%	145	8.82%
Non-Hispanic/ Latino	6,415	4.98%	151	9.18%	Non-Hispanic/Latino	29,490	22.89%	797	48.48%
Not Specified	1,692	1.31%	0	0%	Not Specified	3,569	2.77%	<5	0.12%
Black	26,773	20.78%	392	23.84%	Other	18,383	14.39%	149	9.06%
Hispanic/Latino	753	0.58%	<5	0.24%	Hispanic/Latino	7,015	5.45%	132	8.03%
Non-Hispanic/Latino	23,419	18.18%	387	23.54%	Non-Hispanic/Latino	1,891	1.47%	15	0.91%
Not Specified	2,601	2.02%	<5	0.06%	Not Specified	9,477	7.36%	<5	0.12%
Native Hawaiian/Pacific Islander	178	0.14%	<5	0.18%	Unknown	30,003	23.29%	<5	0.24%
Hispanic/Latino	56	0.04%	<5	0.06%	Hispanic/Latino	5,937	4.61%	<5	0.18%
Non-Hispanic/Latino	93	0.07%	<5	0.12%	Non-Hispanic/Latino	1,793	1.39%	0	0%
Not Specified	29	0.02%	0	0%	Not Specified	22,273	17.29%	<5	0.06%
American Indian/Alaskan Native	229	0.18%	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				
Hispanic/Latino	88	0.07%	0	0%					
Non-Hispanic/Latino	91	0.07%	0	0%					
Not Specified	50	0.04%	0	0%					

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

Epidemiology Overview of Newton County



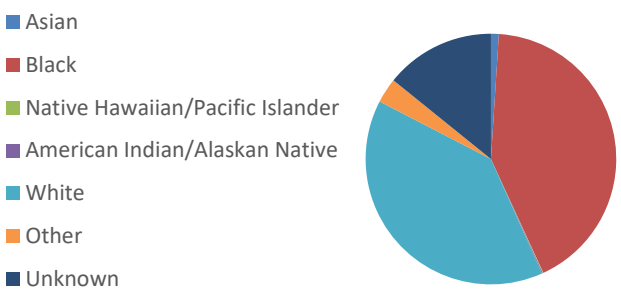
COVID-19 County Overview, data as of 1pm October 7, 2021

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.

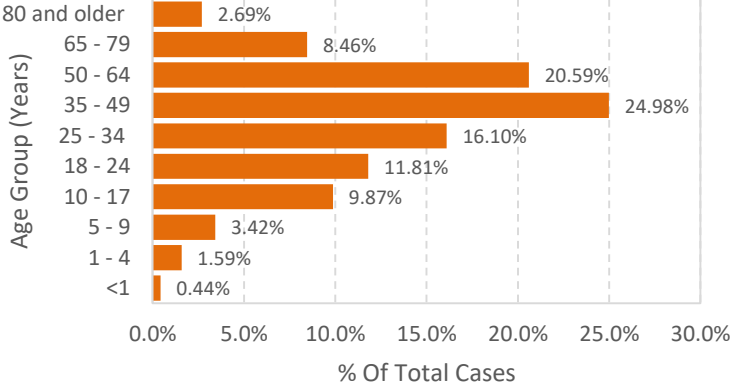
In Newton County there has been a 1.4% increase in newly confirmed COVID-19 Cases between the week of **9/23/2021 – 9/30/2021 (N=15,571) to 9/30/2021 – 10/7/2021 (N=15,792).**

COVID-19 Cases & Deaths*			
	Confirmed Cases	Probable Cases	Total Cases† Total Deathst (%)
Outbreak	523	139	662 103 (15.5%)
Total	10,787	5,005	15,792 379 (2.4%)
Illness Characteristics*† N=15,792; n=379			
	Among all Cases		Among Deaths
Gender			
Female	8,805 (55.8%)		186 (49.1%)
Male	6,930 (43.9%)		193 (50.9%)
Median Age (years)	39		73
Age range (years)	0 – 102		21 – 100
Total Hospitalizations	1,098 (7.0%)		212 (55.9%)
Total with Underlying Conditions	2,251 (54.6%)**		196 (95.6%)**
Underlying Conditions unknown	11,706		177

Race Distribution of Cases in Newton County



Age Distribution of Cases in Newton County



Total Cases & Deaths by Race*† N =15,792; Total Deaths n=379								
	Total Cases	%	Deaths	%		Total Cases	%	Deaths
Asian	159	1.01%	<5	0.79%	White	6,201	39.27%	227
Hispanic/Latino	5	0.03%	0	0%	Hispanic/Latino	435	2.75%	5
Non-Hispanic/ Latino	138	0.87%	<5	0.79%	Non-Hispanic/Latino	5,296	33.54%	222
Not Specified	16	0.10%	0	0%	Not Specified	470	2.98%	0
Black	6,653	42.13%	142	37.47%	Other	508	3.22%	5
Hispanic/Latino	98	0.62%	1	0.26%	Hispanic/Latino	171	1.08%	<5
Non-Hispanic/Latino	6,006	38.03%	141	37.20%	Non-Hispanic/Latino	174	1.10%	<5
Not Specified	549	3.48%	0	0%	Not Specified	163	1.03%	0
Native Hawaiian/Pacific Islander	12	0.08%	1	0.26%	Unknown	2,241	14.19%	0
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	181	1.15%	0
Non-Hispanic/Latino	10	0.06%	1	0.26%	Non-Hispanic/Latino	217	1.37%	0
Not Specified	<5	0.01%	0	0%	Not Specified	1,843	11.67%	0
American Indian/Alaskan Native	18	0.11%	<5	0.26%	*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			
Hispanic/Latino	0	0%	0	0%				
Non-Hispanic/Latino	11	0.07%	<5	0.26%				
Not Specified	7	0.04%	0	0%				

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

Epidemiology Overview of Rockdale County



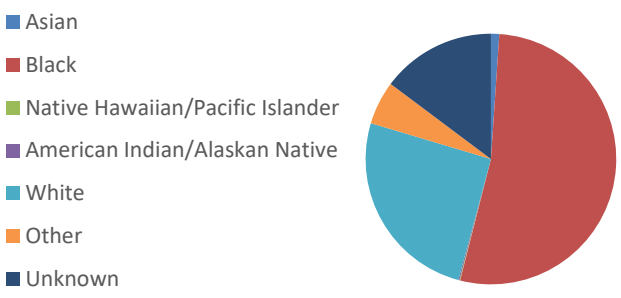
COVID-19 County Overview, data as of 1pm October 7, 2021

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.

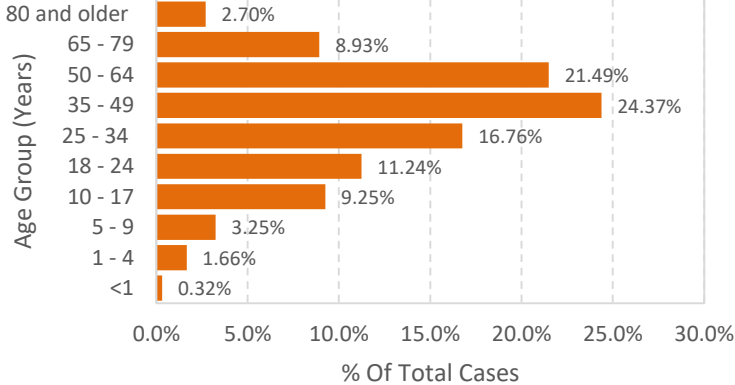
In Rockdale County there has been a 1.5% increase in newly confirmed COVID-19 Cases between the week of **9/23/2021 – 9/30/2021 (N=10,893) to 9/30/2021 – 10/7/2021 (N=11,054).**

COVID-19 Cases & Deaths*			
	Confirmed Cases	Probable Cases	Total Cases† Total Deaths† (%)
Outbreak	410	91	501 66 (13.1%)
Total	8,683	2,371	11,054 262 (2.4%)
Illness Characteristics*† N=11,054; n=262			
	Among all Cases		Among Deaths
Gender			
Female	6,243 (56.5%)		127 (48.5%)
Male	4,764 (43.1%)		135 (51.5%)
Median Age (years)	39		73
Age range (years)	0 – 100		24 – 100
Total Hospitalizations	1,320 (11.9%)		200 (76.3%)
Total with Underlying Conditions	2,101 (60.7%)**		194 (96.4%)**
Underlying Conditions unknown	7,636		62

Race Distribution of Cases in Rockdale County



Age Distribution of Cases in Rockdale County

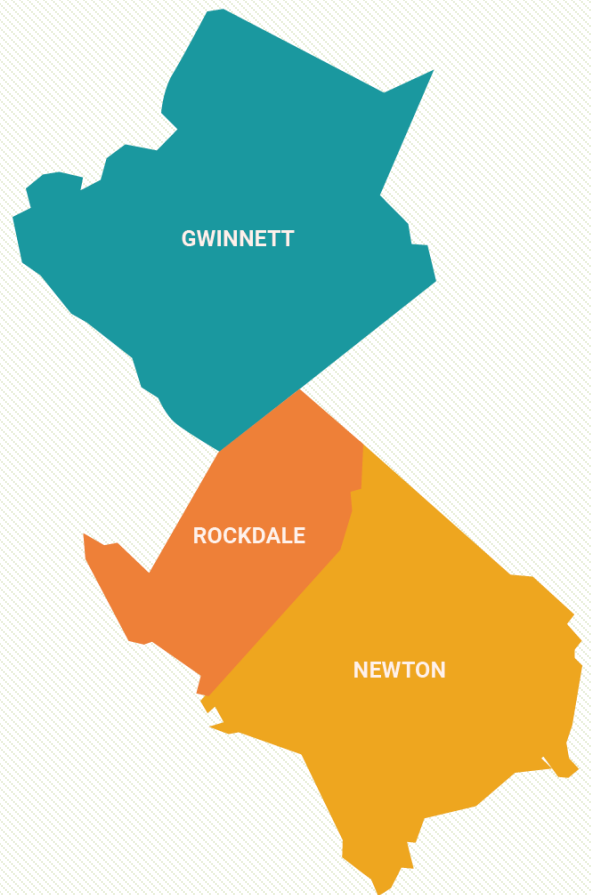


Total Cases & Deaths by Race*† N=11,054; Total Deaths n=262								
	Total Cases	%	Deaths	%		Total Cases	%	Deaths
Asian	118	1.07%	<5	0.76%	White	2,811	25.43%	132
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	463	4.19%	7
Non-Hispanic/Latino	102	0.92%	<5	0.76%	Non-Hispanic/Latino	2,114	19.12%	104
Not Specified	15	0.14%	0	0%	Not Specified	234	2.12%	0
Black	5,847	52.89%	123	46.95%	Other	620	5.60%	<5
Hispanic/Latino	93	0.84%	0	0%	Hispanic/Latino	313	2.83%	<5
Non-Hispanic/Latino	5,255	47.54%	123	46.95%	Non-Hispanic/Latino	140	1.27%	0
Not Specified	499	4.51%	0	0%	Not Specified	167	1.51%	0
Native Hawaiian/Pacific Islander	10	0.09%	0	0%	Unknown	1,633	14.77%	0
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	213	1.93%	0
Non-Hispanic/Latino	8	0.07%	0	0%	Non-Hispanic/Latino	161	1.46%	0
Not Specified	<5	0.01%	0	0%	Not Specified	1,259	11.39%	0
American Indian/Alaskan Native	15	0.14%	<5	0.38%	*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			
Hispanic/Latino	<5	0.02%	0	0%				
Non-Hispanic/Latino	9	0.08%	<5	0.38%				
Not Specified	<5	0.04%	0	0%				

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 October 7,
2021**



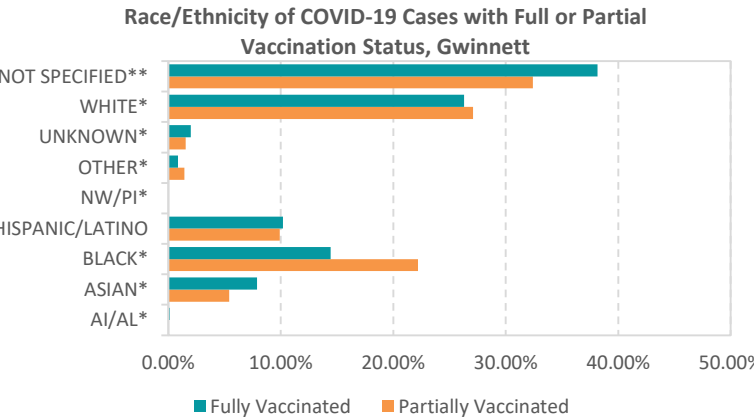
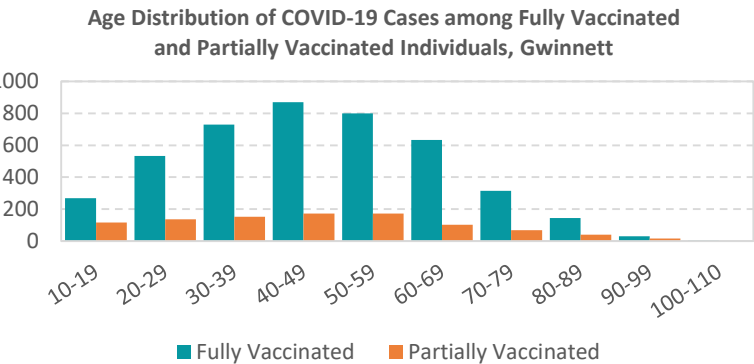
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Gwinnett Residents, data as of 8am October 7, 2021

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** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination 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 both 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.



Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	13 (0.3%)	<5 (0.3%)	0 (0%)	0 (0%)
Asian	412 (9.5%)	60 (6.1%)	<5 (17.7%)	8 (17.4%)
Black	730 (16.9%)	251 (25.7%)	<5 (11.8%)	6 (13.0%)
Native Hawaiian/Pacific Islander	<5 (0.1%)	<5 (0.1%)	0 (0%)	0 (0%)
Other	243 (5.6%)	61 (6.2%)	<5 (11.8%)	<5 (2.2%)
Unknown	1,441 (33.3%)	256 (26.2%)	0 (0%)	0 (0%)
White	1,485 (34.3%)	346 (35.4%)	10 (58.8%)	31 (67.4%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	441 (10.2%)	97 (9.9%)	<5 (5.9%)	<5 (2.2%)
Non-Hispanic/Latino	2,235 (51.6%)	564 (57.7%)	16 (94.1%)	45 (97.8%)
Not Specified	1,652 (38.2%)	317 (32.4%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths			
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated
Cases	4,328 (6.3%)	978 (1.4%)	63,315 (92.9%)
Deaths	17 (2.9%)	46 (8.0%)	515 (89.1%)
Illness Characteristics N=4,328 n=17			
Fully Vaccinated		Cases	Deaths
Gender			
Female		2,487 (57.5%)	8 (47.1%)
Male		1,841 (42.5%)	9 (52.9%)
Median Age (years)		47	78
Age range (years)		12-101	42-95
Median of days between last dose and test date		134	114
Range of days between last dose and test date		15-264	17-199
Outbreak related		139	5
Hospitalizations		112 (2.6%)	12 (70.6%)
Illness Characteristics N=978 n=46			
Partially Vaccinated		Cases	Deaths
Gender			
Female		553 (55.5%)	22 (47.8%)
Male		425 (43.5%)	24 (52.2%)
Median Age (years)		44	81
Age range (years)		12-96	36-95
Median of days between last dose and test date		13	11
Range of days between last dose and test date		0-268	2-192
Outbreak related		40	6
Hospitalizations		78 (8.0%)	34 (73.9%)

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity.

*Races with non-Hispanic Ethnicity

**All races with not specified ethnicity

HW/PI = Native Hawaiian/Pacific Islander

AI/AL = American Indian/Alaskan Native

Gwinnett, Newton, & Rockdale County Health Departments

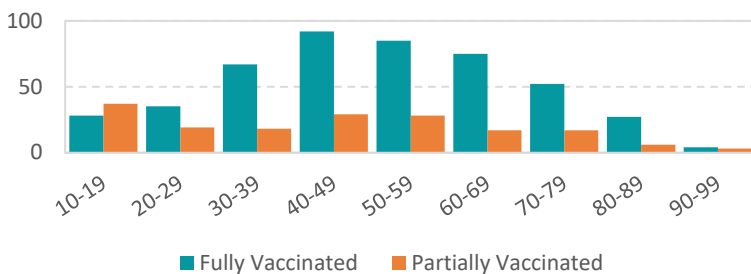


COVID-19 Cases among Vaccinated Newton Residents, data as of 8am October 7, 2021

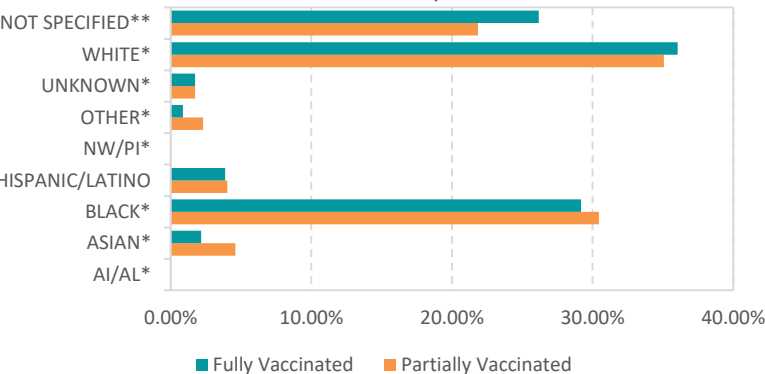
The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination 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 both 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.

Age Distribution of COVID-19 Cases among Fully Vaccinated and Partially Vaccinated Individuals, Newton



Race/Ethnicity of COVID-19 Cases with Full or Partial Vaccination Status, Newton



COVID-19 Cases & Deaths

	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	466 (4.9%)	174 (1.8%)	8,902 (93.3%)	9,542
Deaths	<5 (2.9%)	8 (5.8%)	126 (91.3%)	138

Illness Characteristics N=466 n<5

Fully Vaccinated	Cases	Deaths
Gender		
Female	287 (61.6%)	<5 (75.0%)
Male	179 (38.4%)	<5 (25.0%)
Median Age (years)	50	64.5
Age range (years)	12-93	40-76
Median of days between last dose and test date	1245	112.5
Range of days between last dose and test date	15-238	92-223
Outbreak related	11	0
Hospitalizations	34 (7.3%)	<5 (75.0%)

Illness Characteristics N=171 n= 8

Partially Vaccinated	Cases	Deaths
Gender		
Female	103 (59.2%)	6 (75.0%)
Male	71 (40.8%)	<5 (25.0%)
Median Age (years)	43	76.5
Age range (years)	12-94	56-93
Median of days between last dose and test date	10	11
Range of days between last dose and test date	0-223	7-153
Outbreak related	11	<5
Hospitalizations	32 (18.4%)	7 (87.5%)

Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Asian	12 (2.6%)	8 (4.6%)	0 (0%)	<5 (12.5%)
Black	158 (33.9%)	58 (33.3%)	<5 (25.0%)	5 (62.5%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	7 (1.5%)	7 (4.0%)	0 (0%)	0 (0%)
Unknown	97 (20.8%)	32 (18.4%)	0 (0%)	0 (0%)
White	192 (41.2%)	69 (39.6%)	<5 (75.0%)	<5 (25.0%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	18 (3.9%)	7 (4.0%)	0 (0%)	0 (0%)
Non-Hispanic/Latino	326 (70.0%)	129 (74.1%)	<5 (100.0%)	8 (100.0%)
Not Specified	122 (26.2%)	38 (21.8%)	0 (0%)	0 (0%)

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity.

*Races with non-Hispanic Ethnicity

**All races with not specified ethnicity

HW/PI = Native Hawaiian/Pacific Islander

AI/AL = American Indian/Alaskan Native

Gwinnett, Newton, & Rockdale County Health Departments

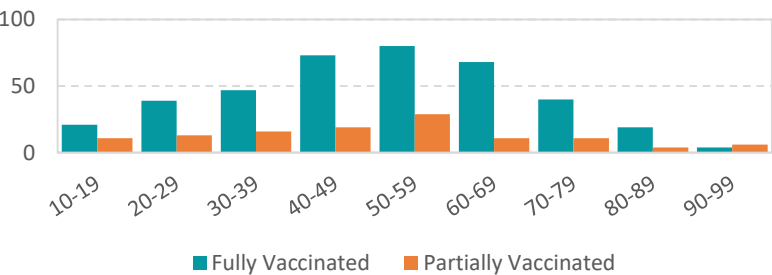


COVID-19 Cases among Vaccinated Rockdale Residents, data as of 8am October 7, 2021

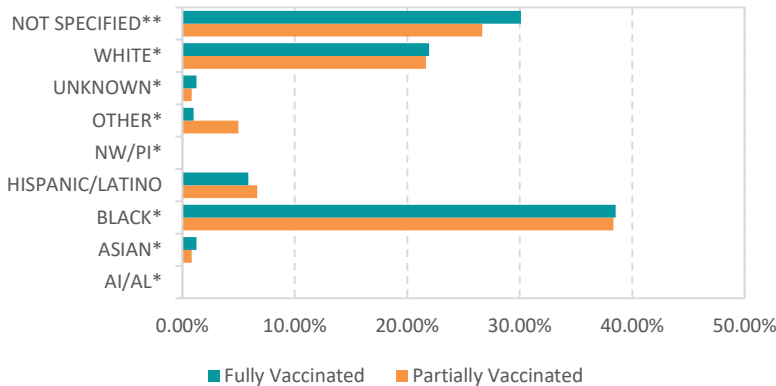
The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination 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 both 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.

Age Distribution of COVID-19 Cases among Fully Vaccinated and Partially Vaccinated Individuals, Rockdale



Race/Ethnicity of COVID-19 Cases with Full or Partial Vaccination Status, Rockdale



Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	<5 (0.5%)	0 (0%)	0 (0%)	0 (0%)
Asian	5 (1.3%)	<5 (0.8%)	0 (0%)	<5 (9.1%)
Black	173 (44.1%)	57 (47.5%)	<5 (40.0%)	5 (45.5%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	15 (3.8%)	12 (10.0%)	0 (0%)	0(0%)
Unknown	95 (24.2%)	22 (18.3%)	0 (0%)	0 (0%)
White	102 (26.0%)	28 (23.3%)	6 (60.0%)	5 (45.5%)

Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	23 (5.9%)	8 (6.7%)	<5 (10.0%)	0 (0%)
Non-Hispanic/Latino	251 (64.0%)	80 (66.7%)	9 (90.0%)	11 (100.0%)
Not Specified	118 (30.1%)	32 (26.7%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths			
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated
Cases	392 (5.8%)	120 (1.8%)	6,277 (92.5%)
Deaths	10 (10.0%)	11 (11.0%)	79 (79.0%)

Illness Characteristics N=392 n=10		
Fully Vaccinated	Cases	Deaths
Gender		
Female	257 (65.6%)	8 (80.0%)
Male	135 (34.4%)	<5 (20.0%)
Median Age (years)	51	76
Age range (years)	14-92	58-90
Median of days between last dose and test date	131.5	130
Range of days between last dose and test date	15-263	67-201
Outbreak related	9	0
Hospitalizations	41 (10.5%)	8 (80.0%)

Illness Characteristics N=120 n=11		
Partially Vaccinated	Cases	Deaths
Gender		
Female	66 (55.0%)	6 (54.6%)
Male	54 (45.0%)	5 (45.5%)
Median Age (years)	50	82
Age range (years)	12-99	57-99
Median of days between last dose and test date	10.5	14
Range of days between last dose and test date	1-260	3-147
Outbreak related	12	5
Hospitalizations	24 (20.0%)	8 (72.7%)

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity.
*Races with non-Hispanic Ethnicity
**All races with not specified ethnicity
HW/PI = Native Hawaiian/Pacific Islander
AI/AL = American Indian/Alaskan Native