

Epidemiology COVID-19 Summary, St. Lucie County

October 29, 2021

Through the end of day October 28, 2021, St. Lucie County has had 47,749 Florida resident cases of COVID-19 reported. There are an additional 312 non-Florida cases counted in our overall case count, 48,061.

Table 1. Cumulative vaccinations and cases, daily cases in last 7 days, cases per 100,000, totals and by age group in St. Lucie County.

St. Lucie County		Cumulative			Daily new cases							Cases per 100,000 (7-day rolling)
Age Group	2021 population	People vaccinated	Percent vaccinated	Total cases	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct	27-Oct	28-Oct	
12+	281,241	194,548	69%	43,576	22	16	9	11	18	15	19	39
Total	322,154	194,548	60%	47,749	25	17	11	11	24	19	21	40
<12	40,913	0	0%	4173	3	1	2	0	6	4	2	44
12-19	28,523	14,101	49%	4810	3	1	1	0	5	0	0	35
20-29	35,266	15,882	45%	7376	1	1	2	1	1	2	5	37
30-39	36,046	19,051	53%	7986	2	3	2	3	0	2	1	36
40-49	36,321	22,965	63%	7000	3	5	0	3	3	4	2	55
50-59	42,826	31,412	73%	6473	2	3	2	1	4	3	6	49
60-64	22,843	19,544	86%	2806	4	0	0	1	1	0	1	31
65+	79,416	71,593	90%	7120	7	3	2	2	4	4	4	33
Unknown				5								

Figure 1. Daily new COVID-19 cases in St. Lucie County since March 2020.

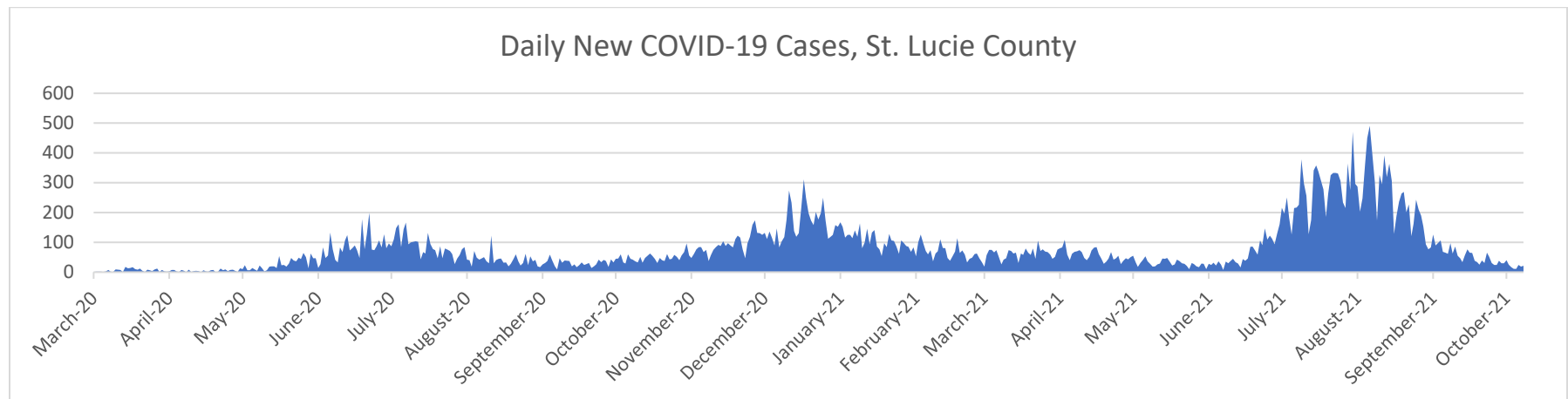


Figure 2. Daily new cases in last 7 days by age group, St. Lucie County.

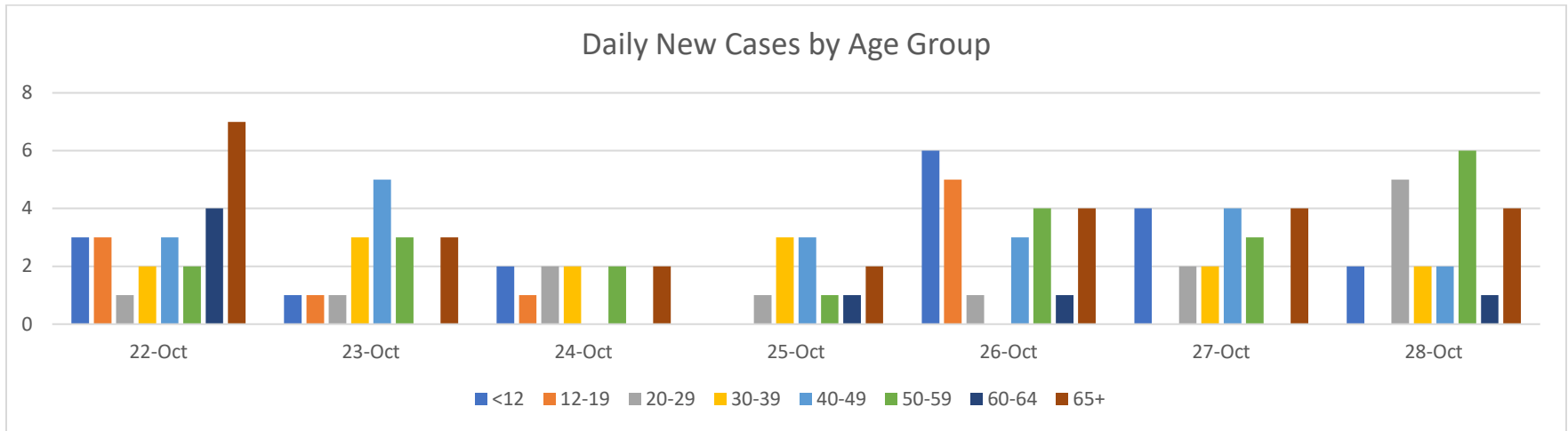


Figure 3. Total cases and breakthrough cases since Feb 2021 (when first residents became fully vaccinated), daily in St. Lucie County.

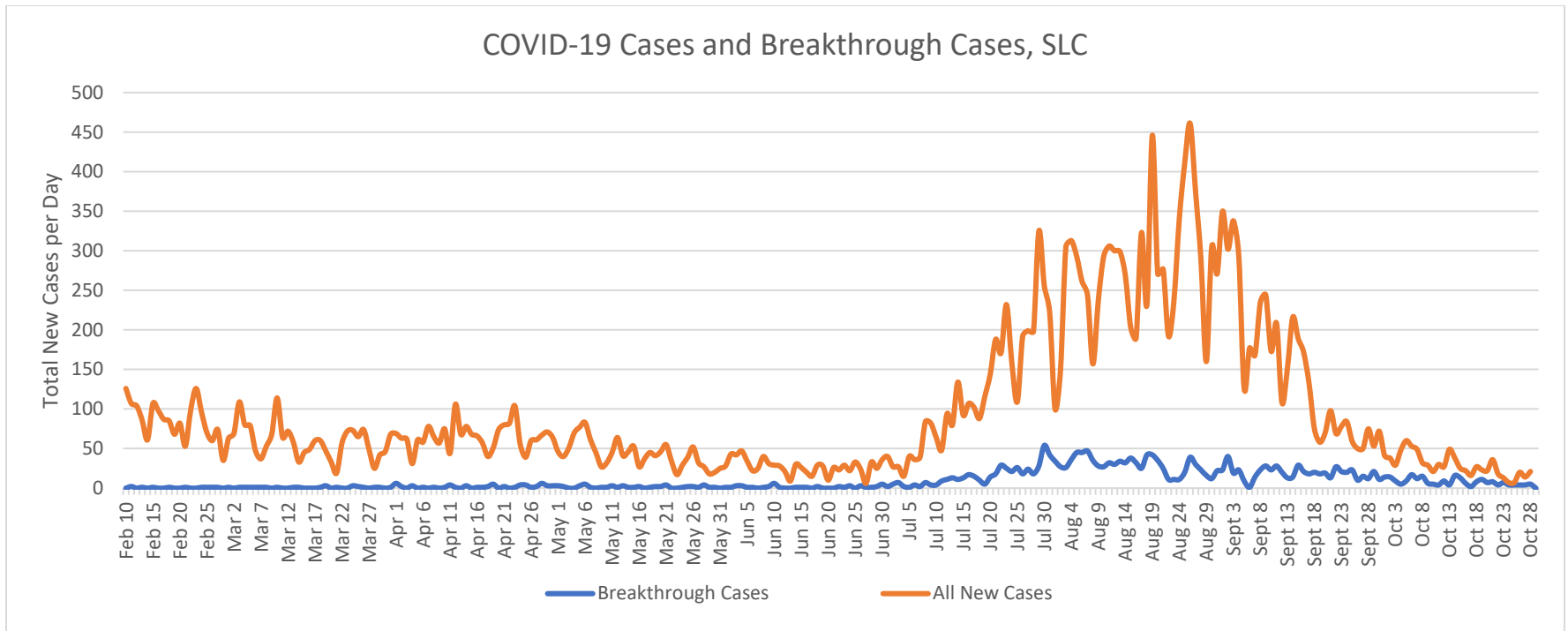


Figure 4. Percent of all emergency department visits in St. Lucie County hospitals who had chief complaints or discharge diagnosis of COVID-19 or COVID-19 like illness since July 1, 2021.

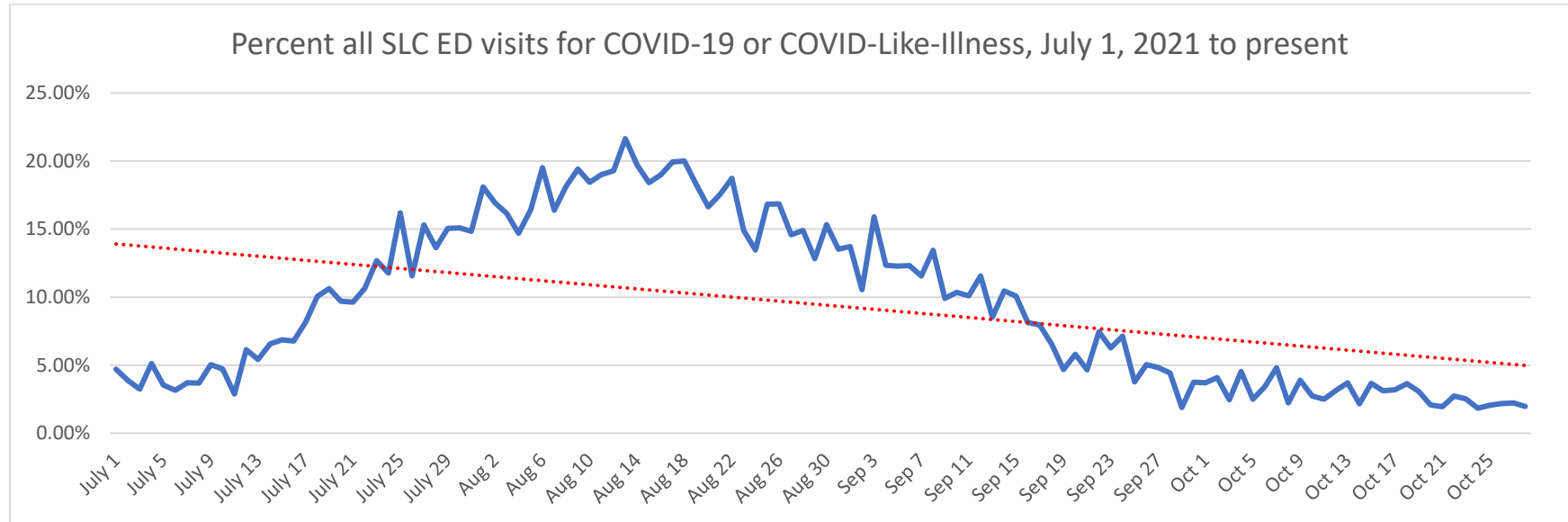


Table 2. CDC community indicators of transmission including 7-day and daily cases per 100,000 population, breakthrough cases total and daily with percent of new cases daily, and daily first dose and series completed vaccines administered by day last 7 days.

	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct	27-Oct	28-Oct
Community indicators of transmission							
Cumulative number of new cases per 100,000 in last 7 days (rolling)							40
Number of new cases per 100,000, daily	8	5	3	3	7	6	7
Percentage of positive PCR or antigen test in last 7 days (rolling)	3.90%	3.61%	3.48%	2.95%	2.74%	2.58%	2.29%
Percentage of positive PCR or antigen test, daily	2.31%	2.26%	2.64%	1.84%	2.88%	1.89%	2.33%
Level of community indicators of transmission *							Moderate

	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct	27-Oct	28-Oct
Breakthrough cases							
Cumulative fully vaccinated cases (breakthrough cases) ^							2,397
New fully vaccinated cases (breakthrough cases) ^	7	4	4	4	4	5	0
Breakthrough cases as a percent of new daily cases^	28.00%	23.53%	36.36%	36.36%	16.67%	26.32%	0.00%
Daily vaccine doses administered							
Number of persons who received their first dose	137	113	70	155	108	127	55
Number of persons who completed the series	184	158	91	178	110	125	51

* <https://www.cdc.gov/coronavirus/2019-ncov/hcp/testing-overview.html>

^Vaccination verification for new cases can take several days from the original report date of the case. Breakthrough cases are defined as cases with their initial positive PCR or antigen test >14 days after vaccine series is complete.

Variants:

Five (5) SARS-CoV2 variants have been identified in St. Lucie County; variants of interest B.427 and B.429 were last identified in April 2021; and variants of concern, B.1.1.7, P.1, B.1.617.2 (Delta), and Delta lineages, are currently circulating. For more information on variants please go to <https://www.cdc.gov/coronavirus/2019-ncov/variants/variant-info.html>

Notes:

All counts are based on reports received by the health department through the date shown. Total case counts may include non-Florida cases (cases tested or identified in St. Lucie County that have permanent addresses outside of Florida) that were counted in St. Lucie. Prior date counts may change as additional information is received.

Cumulative totals are shown for current day only.

Vaccinated and percent vaccinated counts individuals in first dose or series complete categories, a person can be only be in one category and will not be counted twice.