

Epidemiology COVID-19 Summary, St. Lucie County

September 21, 2021

Through the end of day September 20, 2021, St. Lucie County has had 45,927 Florida resident cases of COVID-19 reported. There are an additional 303 non-Florida cases counted in our overall case count, 46,230.

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
Age Group	2021 population	People vaccinated	Percent vaccinated	Total cases	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	100,000 (7-day rolling)
12+	281,241	189,037	67%	42,014	199	168	162	131	85	66	71	314
Total	322,154	189,037	59%	45,927	245	210	190	153	93	77	82	326
<12	40,913	0	0%	3906	46	42	24	20	10	10	10	396
12-19	28,523	13,421	47%	4664	42	26	28	21	13	13	7	526
20-29	35,266	14,923	42%	7131	31	38	19	19	5	10	14	386
30-39	36,046	17,982	50%	7716	24	34	36	22	21	7	9	424
40-49	36,321	22,057	61%	6760	34	20	32	20	16	10	11	394
50-59	42,826	30,566	71%	6236	25	17	27	13	11	9	10	262
60-64	22,843	19,128	84%	2716	16	11	5	10	9	5	4	263
65+	79,416	70,960	89%	6791	27	22	15	26	10	12	16	161
Unknown				7							1	

Figure 1. Daily new cases in last 7 days by age group, St. Lucie County.

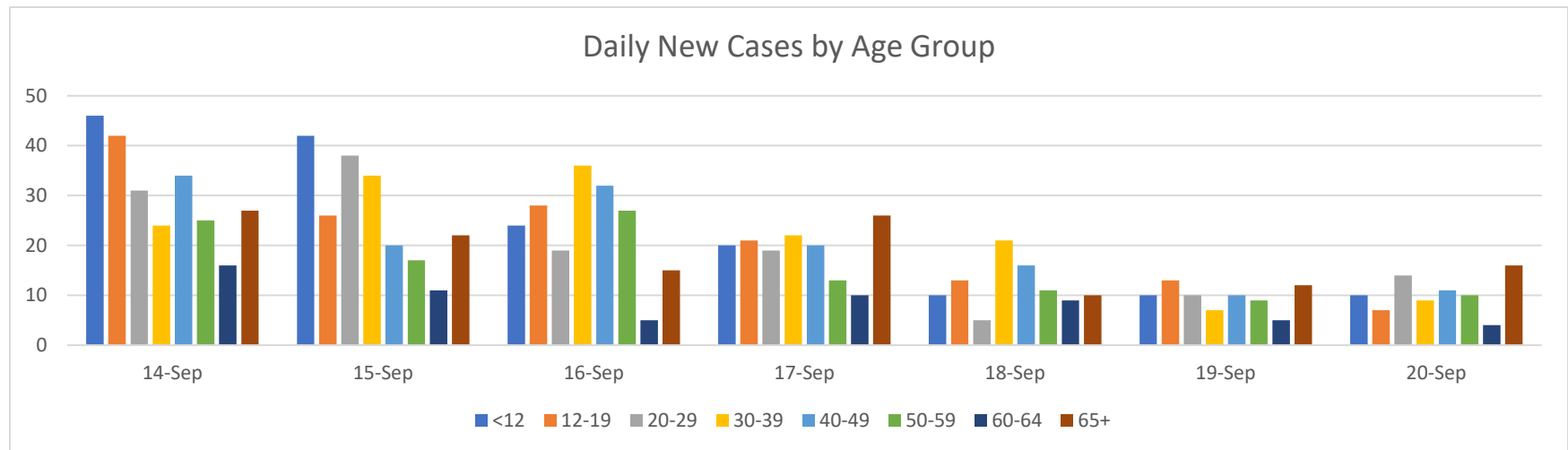


Figure 2. Total cases and breakthrough cases since Feb 2021 (when first residents became fully vaccinated), daily in St. Lucie County.

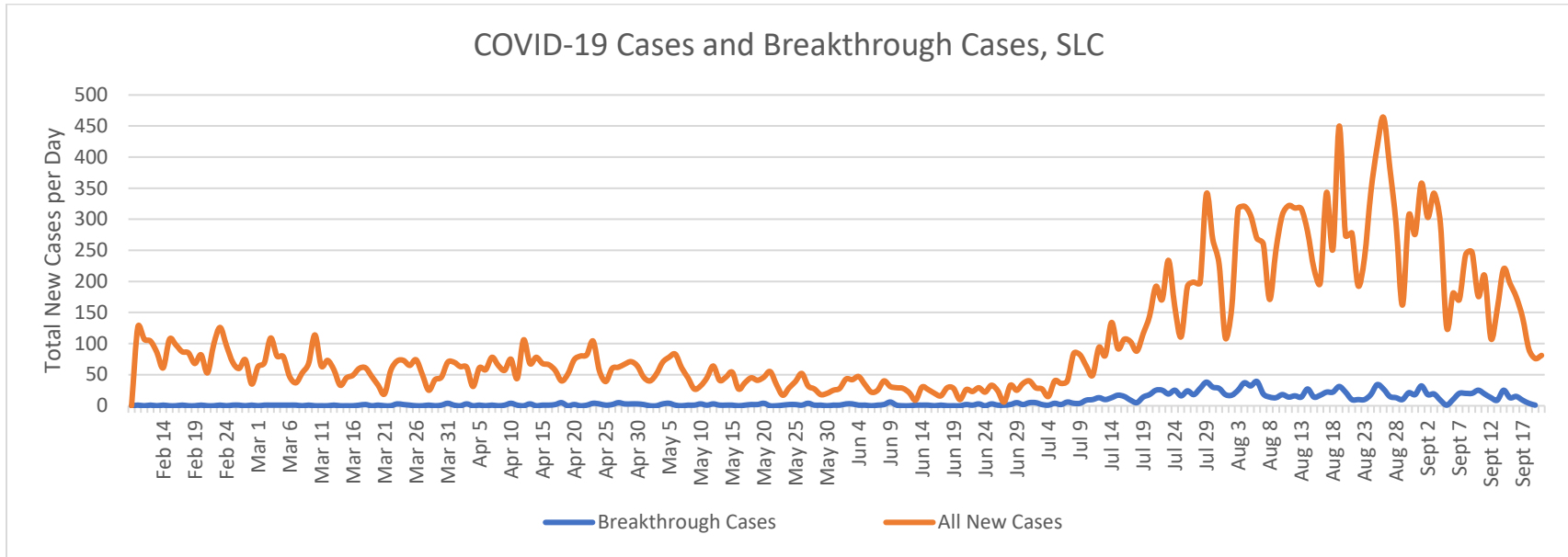


Figure 3. Percent of all emergency department visits in St. Lucie County hospitals who had chief complaints or discharge diagnosis of COVID-19 or COVID-19 like illness since July 1, 2021.

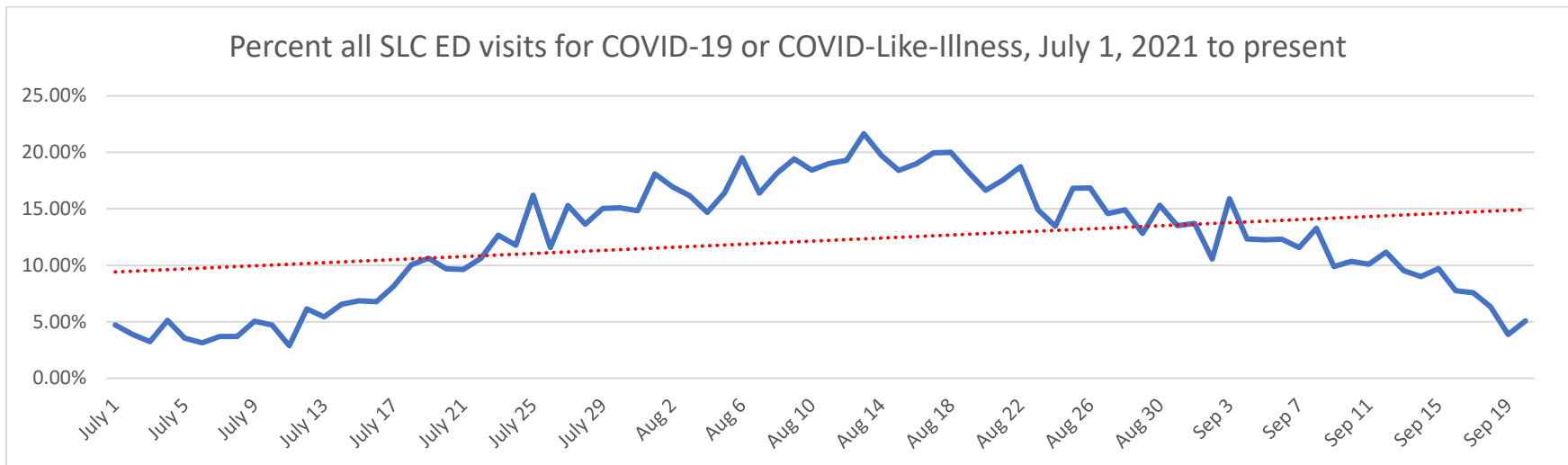


Table 2. CDC community indicators of transmission including 7-day and daily cases per 100,000 population, breakthrough cases total and daily with percent of new cases daily, and daily first dose and series completed vaccines administered by day last 7 days.

	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep
Community indicators of transmission							
Cumulative number of new cases per 100,000 in last 7 days (rolling)							326
Number of new cases per 100,000, daily	76	65	59	47	29	24	25
Percentage of positive PCR or antigen test in last 7 days (rolling)	16.39%	15.14%	14.88%	14.41%	13.68%	13.29%	12.29%
Percentage of positive PCR or antigen test, daily	15.58%	12.91%	14.14%	11.22%	8.85%	11.22%	8.52%
Level of community indicators of transmission *	High	High	High	High	High	High	High
Breakthrough cases							
Cumulative fully vaccinated cases (breakthrough cases) ^							1,513
New fully vaccinated cases (breakthrough cases) ^	25	13	15	9	4	1	1
Breakthrough cases as a percent of new daily cases^	10.20%	6.19%	7.89%	5.88%	4.30%	1.30%	1.22%
Daily vaccine doses administered							
Number of persons who received their first dose	255	271	229	305	240	79	65
Number of persons who completed the series	405	377	406	491	382	145	113

* <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 a positive PCR or antigen test (antigen tests included starting August 13, 2021) >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.