

COVID-19 Trends, Clark County, NV

(FOR OFFICIAL USE ONLY)

Document creation date: November 29, 2023

Technical Notes:

- **General notes:** This report uses surveillance data collected by the Southern Nevada Health District. Due to delays related to laboratory processing, reporting, and case investigations, data from the most recent days are less complete than data from older time points. For this reason, as of June 10, 2020 this report will not display data from the previous three days prior to the date that the report was created. As many case investigations are ongoing, all data presented in this report are considered preliminary and subject to change. Data regarding cases, hospitalizations, deaths, and labs were last updated November 29, 2023 at 12:00 AM, and data is reported up through November 28, 2023.
- **Cases:** Symptom onset date was used for aggregating cases. If symptom onset date was missing, the following dates were substituted in this order: diagnosis date, lab collection date, report date (date case was reported to SNHD), event creation date (date case was entered into EpiTrax, SNHD's surveillance system).
- **Hospitalizations:** Admission date reported the the Nevada Hospital Association was used for aggregating hospitalizations. One person could have more than one admissions.
- **Hospital admission levels** were based on 7-day total of new COVID-19 hospital admissions per 100,000 population: high means greater than or equal to 20.0 per 100,000, medium means less than 20.0 but greater than or equal to 10.0 per 100,000, low means less than 10.0 per 100,000.
- **Deaths:** Date of death was used for aggregating deaths. If date of death was missing, report date was used.
- The population data source for calculating rate estimates was from Nevada State Demographer "2019 ASRHO Estimates and Projections Summary 2000 to 2038", 2020 projection, vintage 2019. Rates for individual age categories may be based on small numbers, which may give unstable estimates.

- The "Percent Change in Weekly Totals from Previous Week" graph and table display the percentage change in weekly totals of cases, hospitalizations, and deaths from the previous weekly totals. For the purpose of calculating weekly totals, weeks start on Monday and end on Sunday. A particular week will only be displayed in the report if data of every day in that week has been released. For example, if the report was created on June 10, 2020, the last day of reported data will be from Saturday June 6. Since data is only available for six of the seven days in that particular week, that week will not be included in the report.
- All graphs in this report show data from approximately 60 days prior to the date of the report.
- All tables show data from the last 14 days before the current date, with the exception of the "Percent Change in Weekly Totals from Previous Week", which displays data from the previous eight completed weeks.
- For the "Percent of People Receiving COVID-19 PCR Tests Who Have Positive Results" graph, one person who has multiple specimens collected in one day is only reported once. If any test of that person is positive, that person counts as a positive result. If all tests of that individual are negative, that person counts as a negative result. Laboratory tests were included if they were a test assessing for the presence of SARS-CoV-2 viral RNA, for example PCR tests. Antibody and antigen tests were excluded.
- For the "Percent of Total COVID-19 PCR Tests With Positive Results" graph, the numerator is the total number of positive tests, and the denominator is the total number of tests performed. Multiple tests are possible for each individual per day if more than one sample was collected. Laboratory tests were included if they were a test assessing for the presence of SARS-CoV-2 viral RNA, for example PCR tests. Antibody and antigen tests were excluded. Laboratory test results were included if they were reported electronically by laboratories or providers. Tests were excluded if entered by SNHD surveillance staff manually, as surveillance staff do not typically enter negative results, and this would bias the results of the graph in the positive direction.
- Syndromic Surveillance: Data source is the Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE) Nevada. These data capture the Percent of emergency department visits that could presumptively be related to COVID-19 at non-federal acute care hospitals in Clark County. This includes visits where 1) the chief complaint of the patient was a symptom of coronavirus-like illness (i.e., fever and chills, cough, shortness of breath); or 2) a patient was diagnosed with symptoms of coronavirus-like illness; or 3) a patient was diagnosed with COVID-19. Visits among patients who were diagnosed with Influenza were excluded.

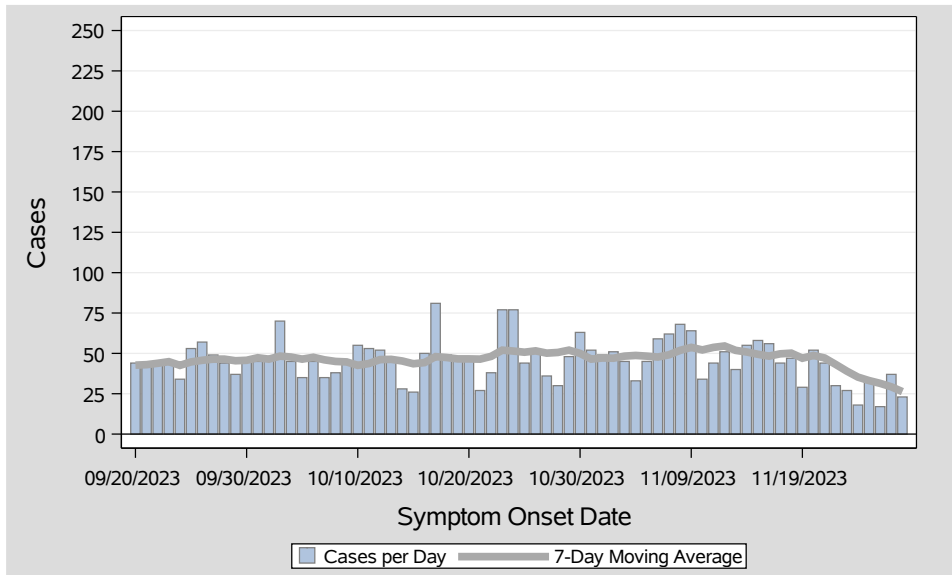


Table 1: COVID-19 Cases per Day, Clark County, NV

Date	Cases Per Day	7-Day Moving Average
Nov 12	51	54.6
Nov 13	40	51.9
Nov 14	55	50.9
Nov 15	58	49.4
Nov 16	56	48.3
Nov 17	44	49.7
Nov 18	47	50.1
Nov 19	29	47.0
Nov 20	52	48.7
Nov 21	44	47.1
Nov 22	30	43.1
Nov 23	27	39.0
Nov 24	18	35.3
Nov 25	32	33.1
Nov 26	17	31.4
Nov 27	37	29.3
Nov 28	23	26.3

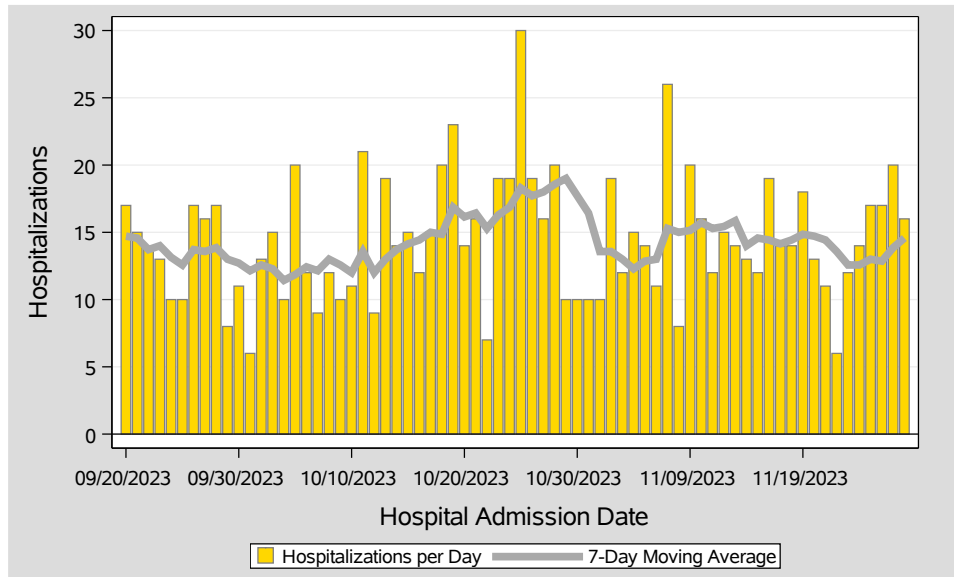


Table 2: COVID-19 Hospitalizations per Day, Clark County, NV

Date	Hospitalizations Per Day	7-Day Moving Average	7-Day Total Hospitalizations per 100K	Hospital Admission Level
Nov 12	15	15.4	4.66	Low
Nov 13	14	15.9	4.79	Low
Nov 14	13	14.0	4.23	Low
Nov 15	12	14.6	4.40	Low
Nov 16	19	14.4	4.36	Low
Nov 17	14	14.1	4.27	Low
Nov 18	14	14.4	4.36	Low
Nov 19	18	14.9	4.49	Low
Nov 20	13	14.7	4.44	Low
Nov 21	11	14.4	4.36	Low
Nov 22	6	13.6	4.10	Low
Nov 23	12	12.6	3.80	Low
Nov 24	14	12.6	3.80	Low
Nov 25	17	13.0	3.93	Low
Nov 26	17	12.9	3.88	Low
Nov 27	20	13.9	4.18	Low
Nov 28	16	14.6	4.40	Low

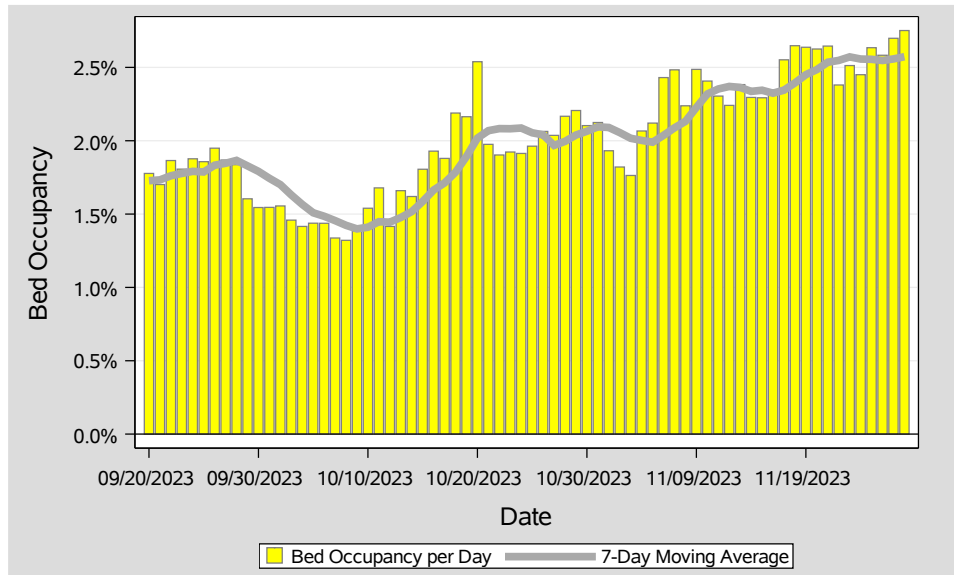


Table 3: Percent of Bed Occupancy per Day, Clark County, NV

Date	Bed Occupancy Per Day	7-Day Moving Average
Nov 12	2.24%	2.37%
Nov 13	2.38%	2.36%
Nov 14	2.30%	2.34%
Nov 15	2.29%	2.34%
Nov 16	2.35%	2.32%
Nov 17	2.55%	2.34%
Nov 18	2.65%	2.39%
Nov 19	2.64%	2.45%
Nov 20	2.63%	2.49%
Nov 21	2.65%	2.54%
Nov 22	2.38%	2.55%
Nov 23	2.51%	2.57%
Nov 24	2.45%	2.56%
Nov 25	2.63%	2.56%
Nov 26	2.58%	2.55%
Nov 27	2.70%	2.56%
Nov 28	2.75%	2.57%

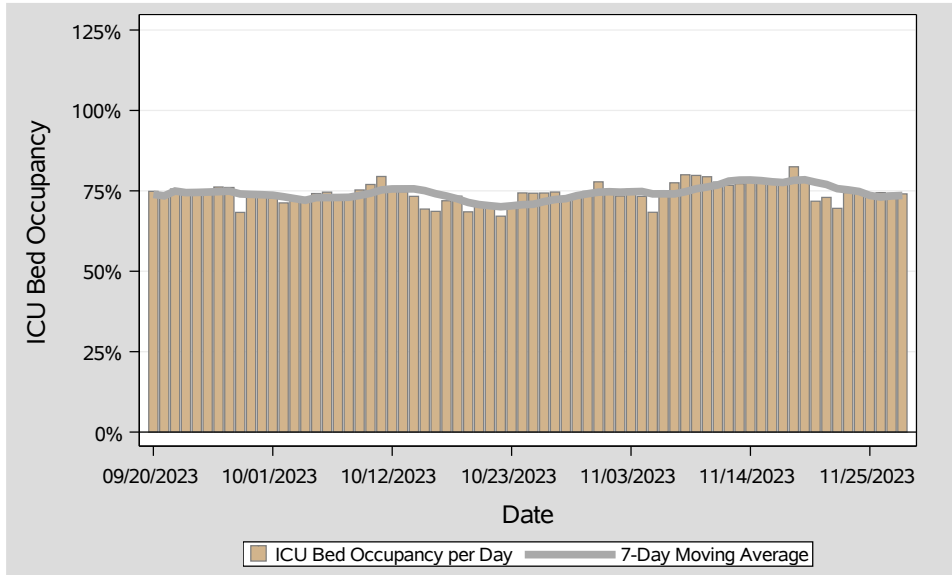


Table 4: Percent of ICU Bed Occupancy per Day, Clark County, NV

Date	ICU Bed Occupancy Per Day	7-Day Moving Average
Nov 12	76.74%	78.03%
Nov 13	77.23%	78.34%
Nov 14	77.74%	78.37%
Nov 15	78.63%	78.18%
Nov 16	77.24%	77.81%
Nov 17	77.82%	77.59%
Nov 18	82.49%	78.27%
Nov 19	78.00%	78.45%
Nov 20	71.78%	77.67%
Nov 21	72.96%	76.99%
Nov 22	69.56%	75.69%
Nov 23	74.47%	75.30%
Nov 24	74.37%	74.80%
Nov 25	73.86%	73.57%
Nov 26	74.44%	73.06%
Nov 27	74.26%	73.42%
Nov 28	74.05%	73.57%

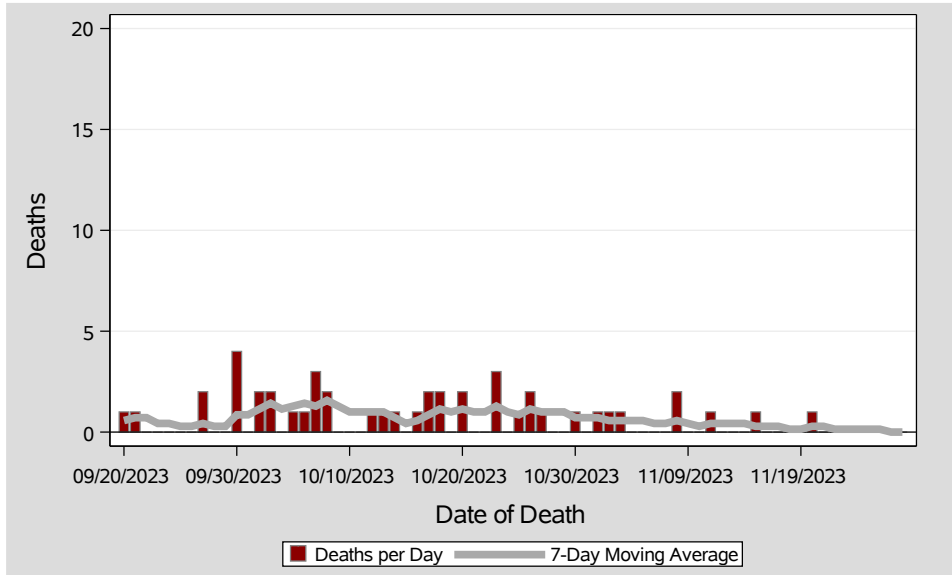


Table 5: COVID-19 Deaths per Day, Clark County, NV

Date	Deaths Per Day	7-Day Moving Average
Nov 12	0	0.4
Nov 13	0	0.4
Nov 14	0	0.4
Nov 15	1	0.3
Nov 16	0	0.3
Nov 17	0	0.3
Nov 18	0	0.1
Nov 19	0	0.1
Nov 20	1	0.3
Nov 21	0	0.3
Nov 22	0	0.1
Nov 23	0	0.1
Nov 24	0	0.1
Nov 25	0	0.1
Nov 26	0	0.1
Nov 27	0	0.0
Nov 28	0	0.0

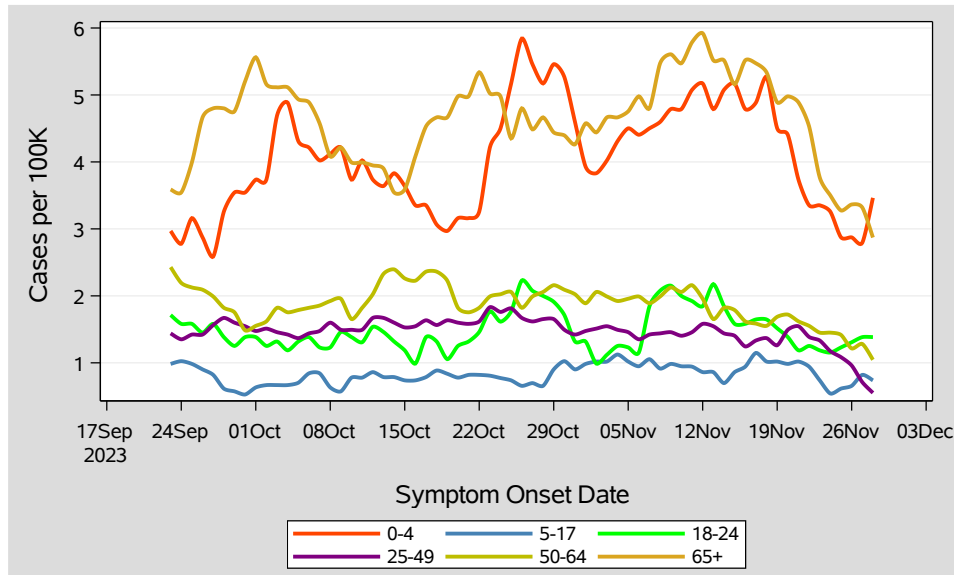


Table 6: 7-Day Average of Daily New Cases per 100K, by Age Group (Years)

Date	0-4	5-17	18-24	25-49	50-64	65+
Nov 12	5.2	0.9	1.8	1.6	2.0	5.9
Nov 13	4.8	0.9	2.2	1.5	1.7	5.5
Nov 14	5.1	0.7	1.8	1.4	1.8	5.5
Nov 15	5.2	0.9	1.6	1.4	1.8	5.2
Nov 16	4.8	0.9	1.6	1.2	1.6	5.5
Nov 17	4.9	1.1	1.6	1.3	1.6	5.5
Nov 18	5.3	1.0	1.6	1.4	1.6	5.3
Nov 19	4.5	1.0	1.5	1.3	1.7	4.9
Nov 20	4.4	1.0	1.4	1.5	1.7	5.0
Nov 21	3.7	1.0	1.2	1.5	1.6	4.9
Nov 22	3.4	0.9	1.3	1.4	1.6	4.5
Nov 23	3.4	0.7	1.2	1.3	1.5	3.8
Nov 24	3.3	0.5	1.2	1.2	1.5	3.5
Nov 25	2.9	0.6	1.2	1.1	1.4	3.3
Nov 26	2.9	0.7	1.3	1.0	1.2	3.4
Nov 27	2.8	0.8	1.4	0.7	1.3	3.3
Nov 28	3.5	0.7	1.4	0.6	1.0	2.9

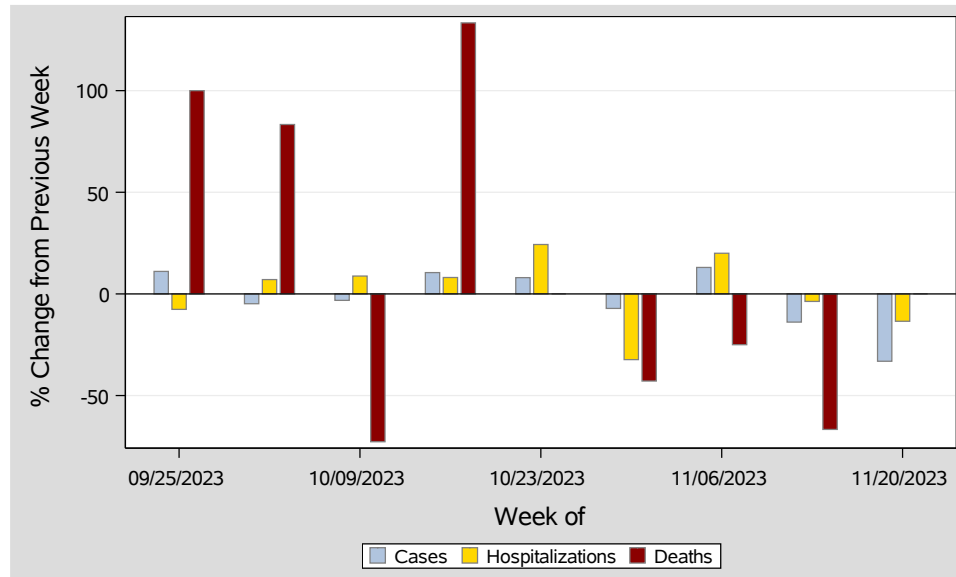


Table 7: Percent Change in Weekly Totals from Previous Week

Week	Case(n)	Cases(%)	Hosp(n)	Hosp(%)	Deaths(n)	Deaths(%)
Sep 25 - Oct 01	331	11.1	85	-7.6	6	100.0
Oct 02 - Oct 08	315	-4.8	91	7.1	11	83.3
Oct 09 - Oct 15	305	-3.2	99	8.8	3	-72.7
Oct 16 - Oct 22	337	10.5	107	8.1	7	133.3
Oct 23 - Oct 29	364	8.0	133	24.3	7	0.0
Oct 30 - Nov 05	338	-7.1	90	-32.3	4	-42.9
Nov 06 - Nov 12	382	13.0	108	20.0	3	-25.0
Nov 13 - Nov 19	329	-13.9	104	-3.7	1	-66.7
Nov 20 - Nov 26	220	-33.1	90	-13.5	1	0.0

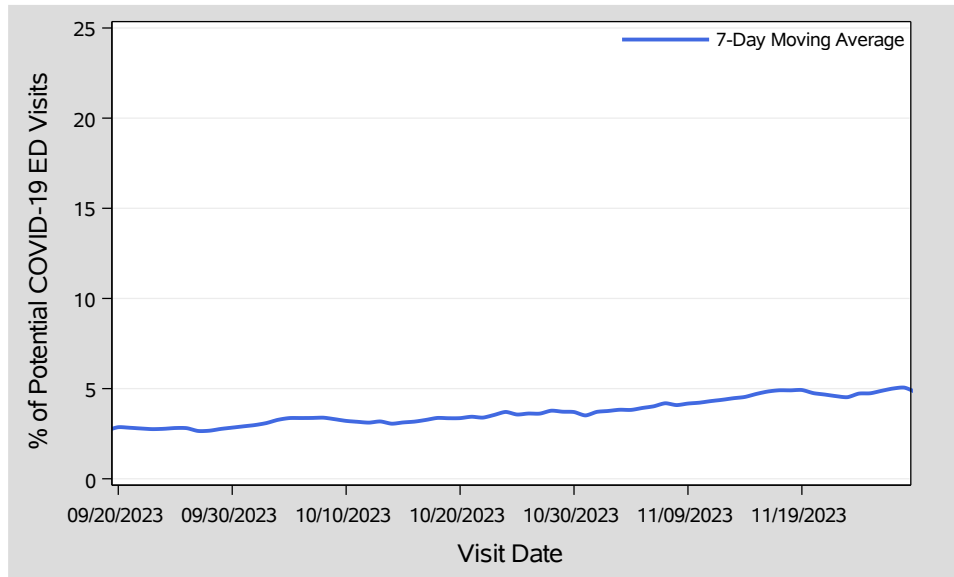


Table 8: Syndromic Surveillance: Percent of ED Visits Potentially Related to COVID-19

Visit Date	Possible COVID Visits	Total ED Visits	(%)	7-Day Average (%)
Nov 12	133	2,802	4.7	4.4
Nov 13	167	3,240	5.2	4.5
Nov 14	158	3,207	4.9	4.5
Nov 15	158	3,198	4.9	4.7
Nov 16	162	3,124	5.2	4.8
Nov 17	144	3,186	4.5	4.9
Nov 18	138	2,839	4.9	4.9
Nov 19	135	2,768	4.9	4.9
Nov 20	128	3,239	4.0	4.8
Nov 21	135	3,091	4.4	4.7
Nov 22	131	3,032	4.3	4.6
Nov 23	120	2,508	4.8	4.5
Nov 24	111	1,881	5.9	4.7
Nov 25	74	1,484	5.0	4.7
Nov 26	107	1,833	5.8	4.9
Nov 27	144	2,975	4.8	5.0
Nov 28	108	2,291	4.7	5.1

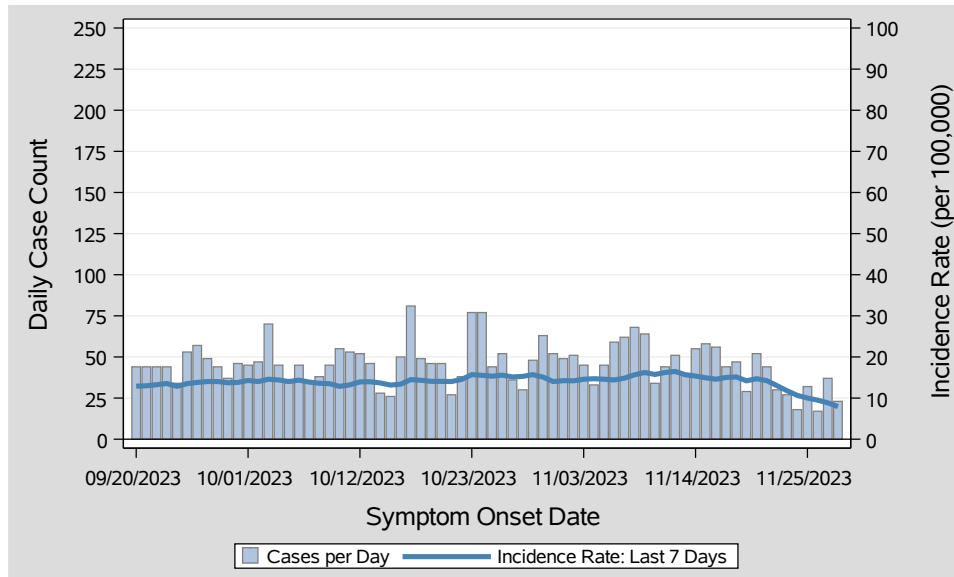


Table 9: COVID-19 Cases per Day and Incidence Rate in the Last 7 Days, Clark County, NV

Onset Date	Cases Per Day	Last 7 Days	
		Total Case Count	Incidence Rate
Nov 12	51	382	16.5
Nov 13	40	363	15.7
Nov 14	55	356	15.4
Nov 15	58	346	14.9
Nov 16	56	338	14.6
Nov 17	44	348	15.0
Nov 18	47	351	15.1
Nov 19	29	329	14.2
Nov 20	52	341	14.7
Nov 21	44	330	14.2
Nov 22	30	302	13.0
Nov 23	27	273	11.8
Nov 24	18	247	10.7
Nov 25	32	232	10.0
Nov 26	17	220	9.5
Nov 27	37	205	8.8
Nov 28	23	184	7.9

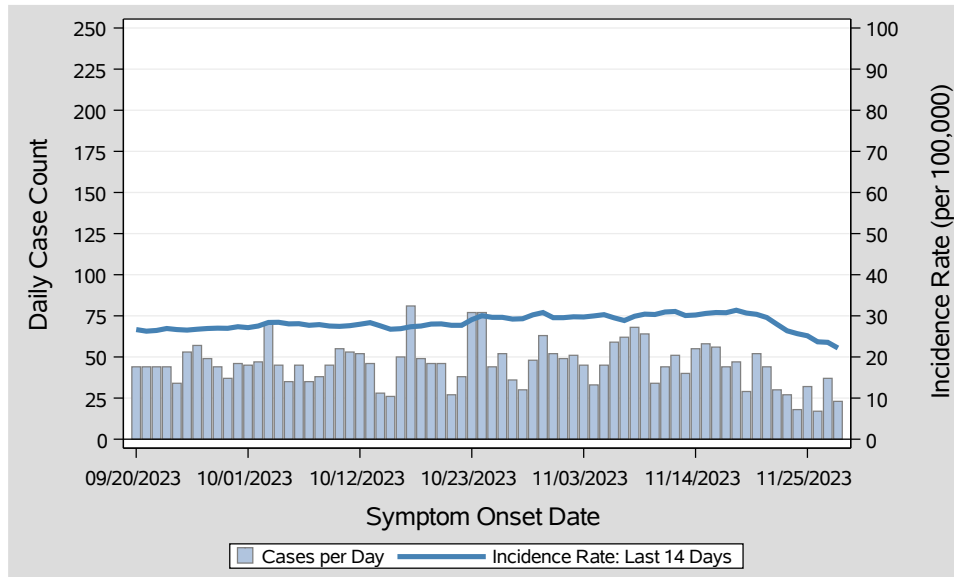


Table 10: COVID-19 Cases per Day and Incidence Rate in the Last 14 Days, Clark County, NV

Onset Date	Cases Per Day	Last 14 Days	
		Total Case Count	Incidence Rate
Nov 12	51	720	31.1
Nov 13	40	697	30.1
Nov 14	55	700	30.2
Nov 15	58	709	30.6
Nov 16	56	714	30.8
Nov 17	44	713	30.8
Nov 18	47	727	31.4
Nov 19	29	711	30.7
Nov 20	52	704	30.4
Nov 21	44	686	29.6
Nov 22	30	648	28.0
Nov 23	27	611	26.4
Nov 24	18	595	25.7
Nov 25	32	583	25.1
Nov 26	17	549	23.7
Nov 27	37	546	23.6
Nov 28	23	514	22.2