

COVID-19 Trends, Clark County, NV

(FOR OFFICIAL USE ONLY)

Document creation date: February 3, 2024

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 February 3, 2024 at 12:00 AM, and data is reported up through February 2, 2024.
- **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.

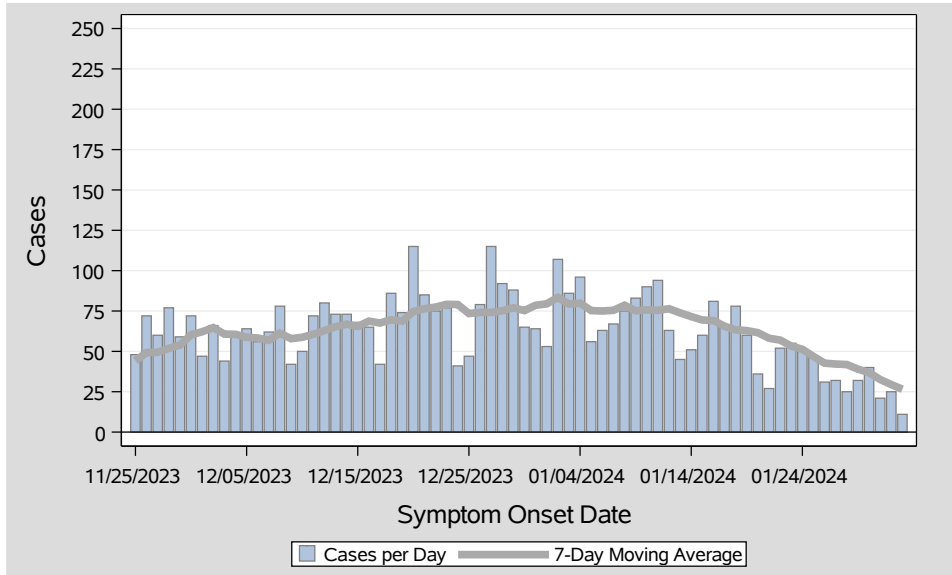


Table 1: COVID-19 Cases per Day, Clark County, NV

Date	Cases Per Day	7-Day Moving Average
Jan 17	65	65.6
Jan 18	78	63.3
Jan 19	60	62.9
Jan 20	36	61.6
Jan 21	27	58.1
Jan 22	52	57.0
Jan 23	55	53.3
Jan 24	51	51.3
Jan 25	47	46.9
Jan 26	31	42.7
Jan 27	32	42.1
Jan 28	25	41.9
Jan 29	32	39.0
Jan 30	40	36.9
Jan 31	21	32.6
Feb 01	25	29.4
Feb 02	11	26.6

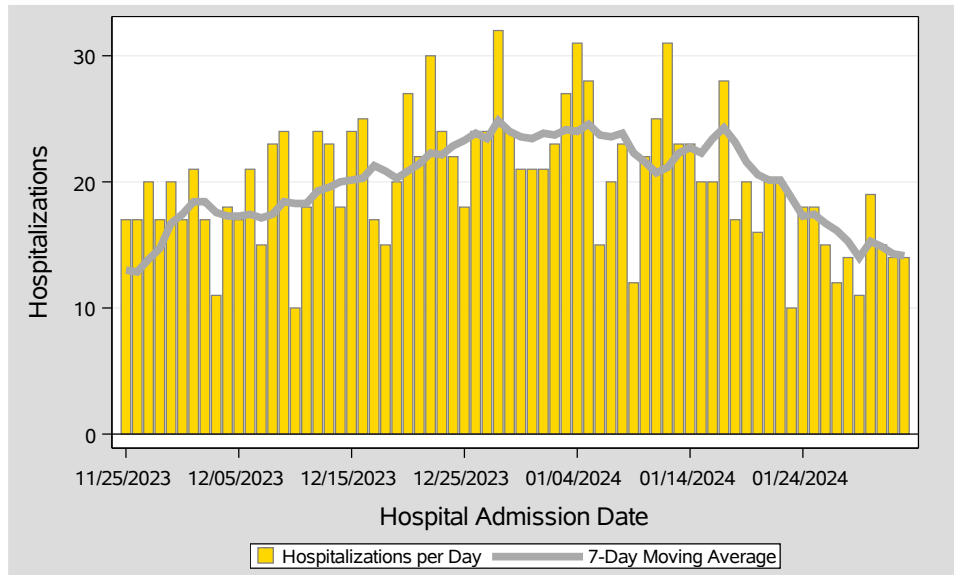


Table 2: COVID-19 Hospitalizations per Day, Clark County, NV

Date	Hospitalizations Per Day	7-Day Moving Average	7-Day Total Hospitalizations per 100K	Hospital Admission Level
Jan 17	28	24.3	7.33	Low
Jan 18	17	23.1	6.99	Low
Jan 19	20	21.6	6.51	Low
Jan 20	16	20.6	6.21	Low
Jan 21	20	20.1	6.08	Low
Jan 22	20	20.1	6.08	Low
Jan 23	10	18.7	5.65	Low
Jan 24	18	17.3	5.22	Low
Jan 25	18	17.4	5.26	Low
Jan 26	15	16.7	5.05	Low
Jan 27	12	16.1	4.87	Low
Jan 28	14	15.3	4.62	Low
Jan 29	11	14.0	4.23	Low
Jan 30	19	15.3	4.62	Low
Jan 31	15	14.9	4.49	Low
Feb 01	14	14.3	4.31	Low
Feb 02	14	14.1	4.27	Low

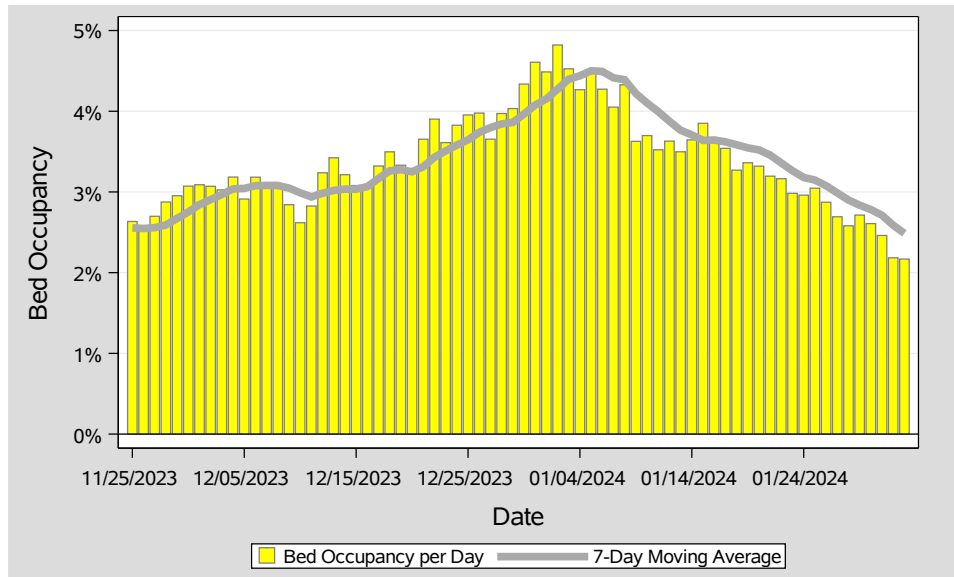


Table 3: Percent of Bed Occupancy per Day, Clark County, NV

Date	Bed Occupancy Per Day	7-Day Moving Average
Jan 17	3.54%	3.62%
Jan 18	3.27%	3.58%
Jan 19	3.36%	3.55%
Jan 20	3.32%	3.52%
Jan 21	3.20%	3.46%
Jan 22	3.16%	3.36%
Jan 23	2.98%	3.26%
Jan 24	2.96%	3.18%
Jan 25	3.05%	3.15%
Jan 26	2.87%	3.08%
Jan 27	2.69%	2.99%
Jan 28	2.58%	2.90%
Jan 29	2.71%	2.84%
Jan 30	2.61%	2.78%
Jan 31	2.46%	2.71%
Feb 01	2.18%	2.59%
Feb 02	2.17%	2.49%

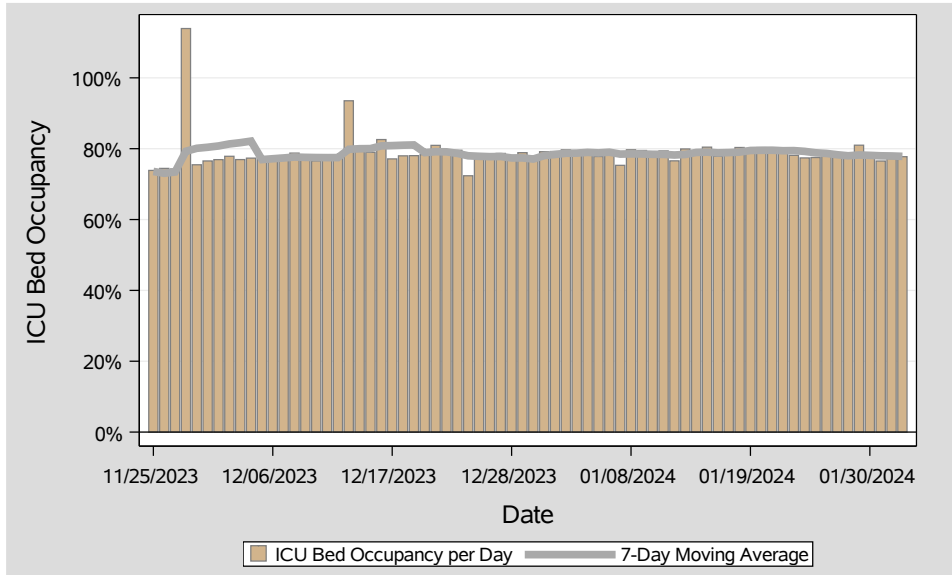


Table 4: Percent of ICU Bed Occupancy per Day, Clark County, NV

Date	ICU Bed Occupancy Per Day	7-Day Moving Average
Jan 17	78.92%	78.90%
Jan 18	80.34%	79.04%
Jan 19	79.73%	79.50%
Jan 20	80.32%	79.55%
Jan 21	79.39%	79.57%
Jan 22	79.41%	79.43%
Jan 23	78.12%	79.46%
Jan 24	77.40%	79.24%
Jan 25	77.51%	78.84%
Jan 26	78.49%	78.66%
Jan 27	77.71%	78.29%
Jan 28	77.37%	78.00%
Jan 29	80.99%	78.23%
Jan 30	77.34%	78.12%
Jan 31	76.51%	77.99%
Feb 01	77.21%	77.95%
Feb 02	77.74%	77.84%

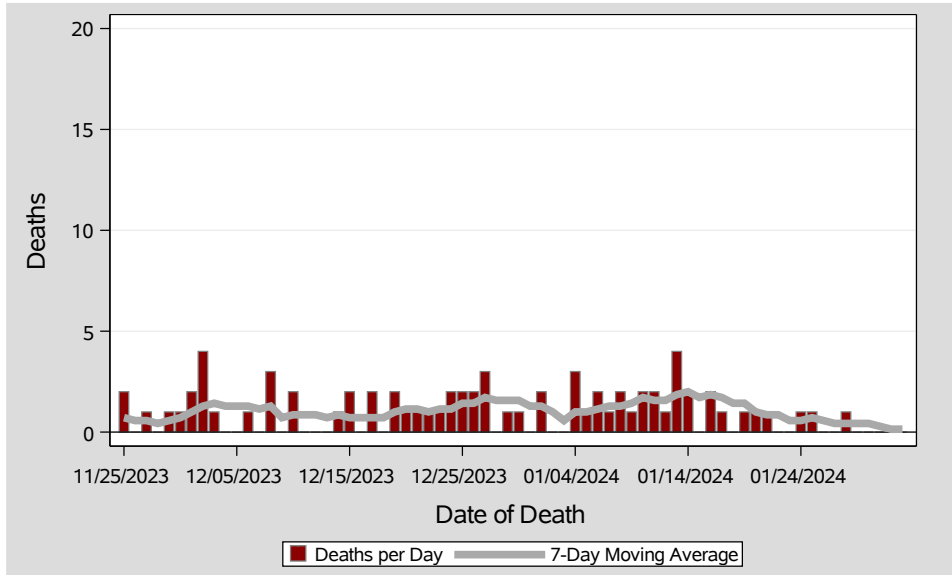


Table 5: COVID-19 Deaths per Day, Clark County, NV

Date	Deaths Per Day	7-Day Moving Average
Jan 17	1	1.7
Jan 18	0	1.4
Jan 19	1	1.4
Jan 20	1	1.0
Jan 21	1	0.9
Jan 22	0	0.9
Jan 23	0	0.6
Jan 24	1	0.6
Jan 25	1	0.7
Jan 26	0	0.6
Jan 27	0	0.4
Jan 28	1	0.4
Jan 29	0	0.4
Jan 30	0	0.4
Jan 31	0	0.3
Feb 01	0	0.1
Feb 02	0	0.1

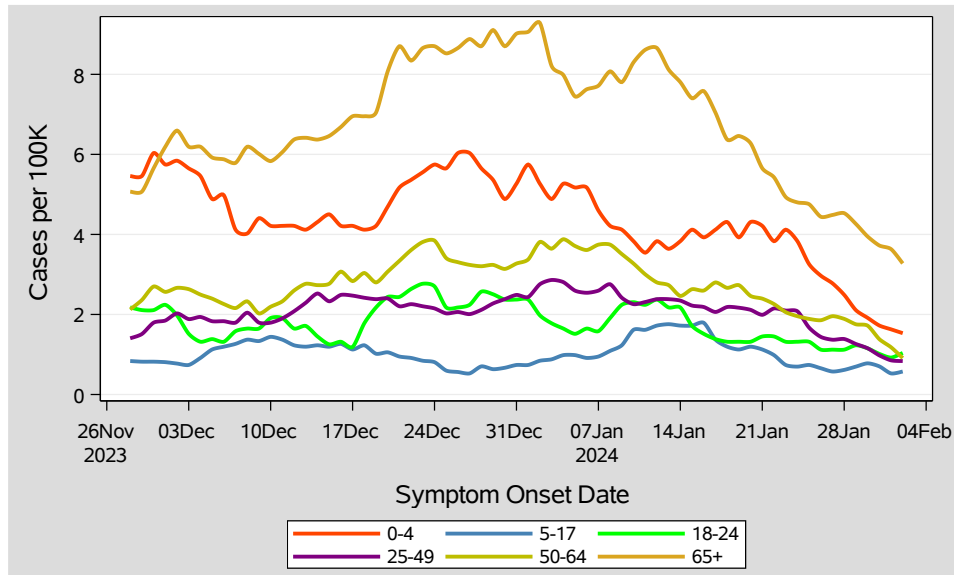


Table 6: 7-Day Average of Daily New Cases per 100K, by Age Group (Years)

Date	0-4	5-17	18-24	25-49	50-64	65+
Jan 17	4.1	1.4	1.4	2.1	2.8	7.0
Jan 18	4.3	1.2	1.3	2.2	2.7	6.4
Jan 19	3.9	1.1	1.3	2.2	2.7	6.5
Jan 20	4.3	1.2	1.3	2.1	2.5	6.3
Jan 21	4.2	1.1	1.4	2.0	2.4	5.7
Jan 22	3.8	1.0	1.4	2.2	2.3	5.4
Jan 23	4.1	0.7	1.3	2.1	2.1	4.9
Jan 24	3.8	0.7	1.3	2.1	2.0	4.8
Jan 25	3.3	0.7	1.3	1.7	1.9	4.8
Jan 26	3.0	0.7	1.1	1.4	1.9	4.4
Jan 27	2.8	0.6	1.1	1.4	2.0	4.5
Jan 28	2.5	0.6	1.1	1.4	1.9	4.5
Jan 29	2.1	0.7	1.2	1.3	1.8	4.3
Jan 30	1.9	0.8	1.2	1.2	1.7	3.9
Jan 31	1.7	0.7	1.0	1.0	1.4	3.7
Feb 01	1.6	0.5	0.9	0.9	1.2	3.6
Feb 02	1.5	0.6	1.0	0.8	0.9	3.3

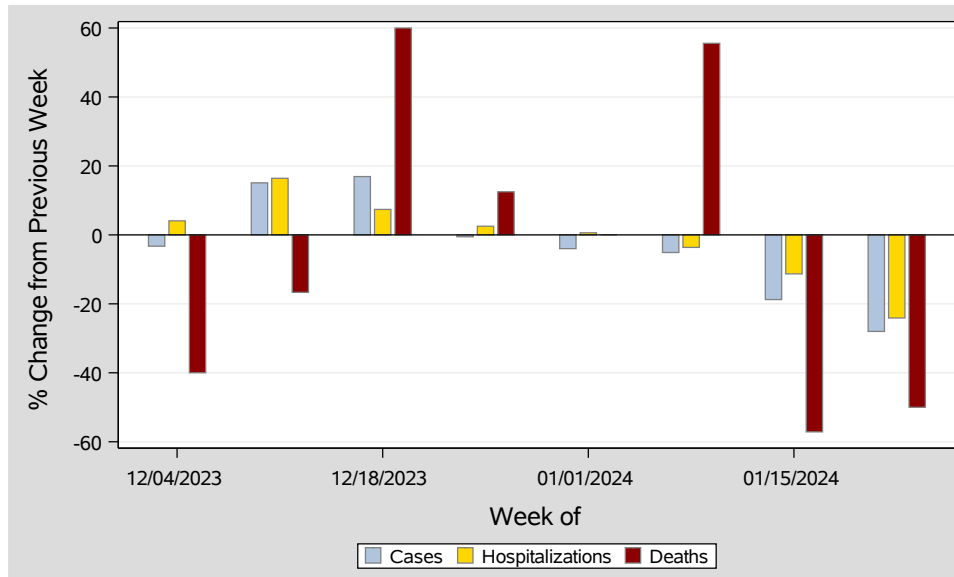


Table 7: Percent Change in Weekly Totals from Previous Week

Week	Case(n)	Cases(%)	Hosp(n)	Hosp(%)	Deaths(n)	Deaths(%)
Dec 04 - Dec 10	411	-3.3	128	4.1	6	-40.0
Dec 11 - Dec 17	473	15.1	149	16.4	5	-16.7
Dec 18 - Dec 24	553	16.9	160	7.4	8	60.0
Dec 25 - Dec 31	550	-0.5	164	2.5	9	12.5
Jan 01 - Jan 07	528	-4.0	165	0.6	9	0.0
Jan 08 - Jan 14	501	-5.1	159	-3.6	14	55.6
Jan 15 - Jan 21	407	-18.8	141	-11.3	6	-57.1
Jan 22 - Jan 28	293	-28.0	107	-24.1	3	-50.0

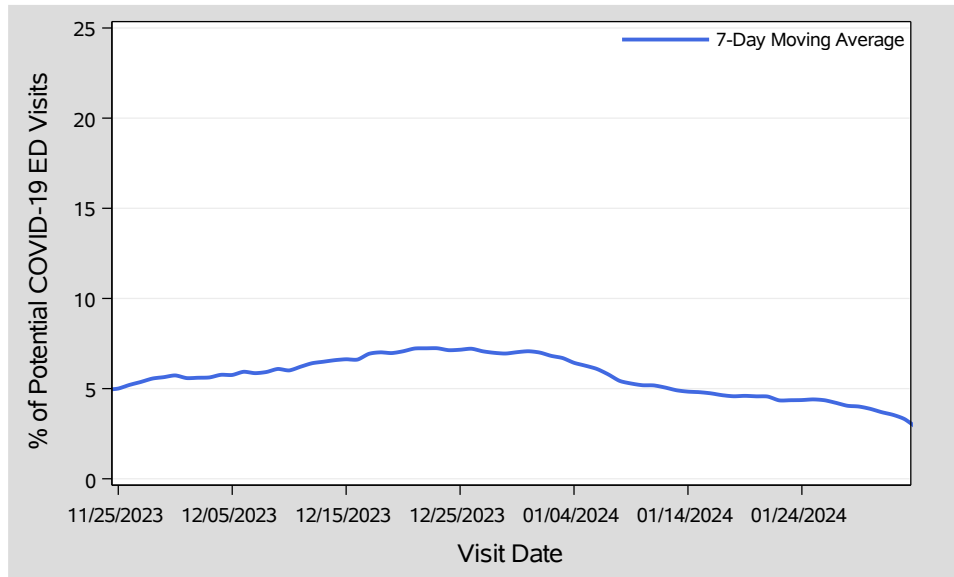


Table 8: Syndromic Surveillance: Percent of ED Visits Potentially Related to COVID-19

Visit Date	Possible COVID Visits	Total ED Visits	(%)	7-Day Average (%)
Jan 17	137	3,241	4.2	4.6
Jan 18	128	3,149	4.1	4.6
Jan 19	145	3,302	4.4	4.6
Jan 20	141	2,954	4.8	4.6
Jan 21	145	2,863	5.1	4.6
Jan 22	122	3,369	3.6	4.4
Jan 23	149	3,416	4.4	4.4
Jan 24	144	3,359	4.3	4.4
Jan 25	142	3,293	4.3	4.4
Jan 26	129	3,178	4.1	4.4
Jan 27	111	2,953	3.8	4.2
Jan 28	113	2,865	3.9	4.0
Jan 29	114	3,425	3.3	4.0
Jan 30	115	3,321	3.5	3.9
Jan 31	96	3,208	3.0	3.7
Feb 01	98	2,993	3.3	3.5
Feb 02	53	2,183	2.4	3.3

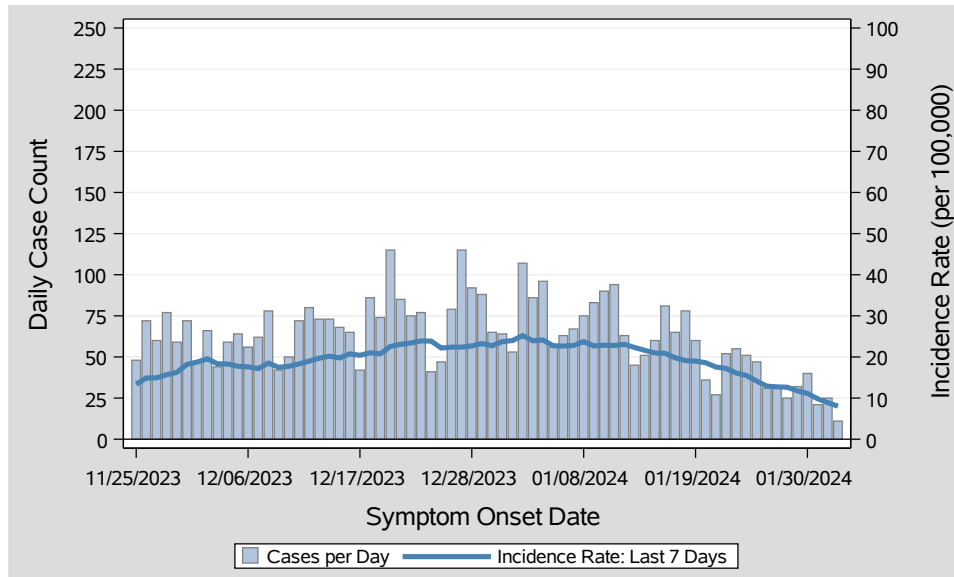


Table 9: COVID-19 Cases per Day and Incidence Rate in the Last 7 Days, Clark County, NV

Onset Date	Cases Per Day	Last 7 Days	
		Total Case Count	Incidence Rate
Jan 17	65	459	19.8
Jan 18	78	443	19.1
Jan 19	60	440	19.0
Jan 20	36	431	18.6
Jan 21	27	407	17.6
Jan 22	52	399	17.2
Jan 23	55	373	16.1
Jan 24	51	359	15.5
Jan 25	47	328	14.1
Jan 26	31	299	12.9
Jan 27	32	295	12.7
Jan 28	25	293	12.6
Jan 29	32	273	11.8
Jan 30	40	258	11.1
Jan 31	21	228	9.8
Feb 01	25	206	8.9
Feb 02	11	186	8.0

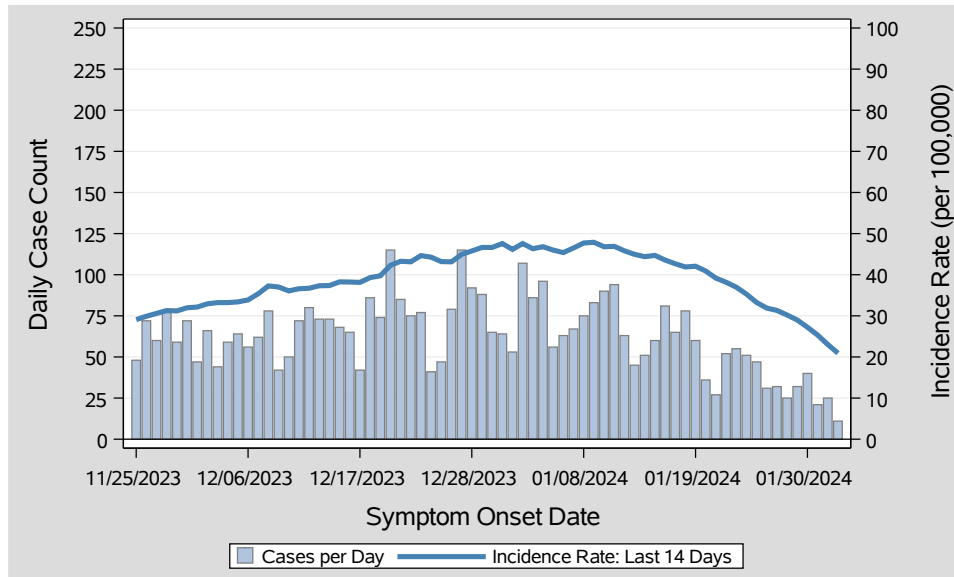


Table 10: COVID-19 Cases per Day and Incidence Rate in the Last 14 Days, Clark County, NV

Onset Date	Cases Per Day	Last 14 Days	
		Total Case Count	Incidence Rate
Jan 17	65	989	42.7
Jan 18	78	971	41.9
Jan 19	60	975	42.1
Jan 20	36	948	40.9
Jan 21	27	908	39.2
Jan 22	52	885	38.2
Jan 23	55	857	37.0
Jan 24	51	818	35.3
Jan 25	47	771	33.3
Jan 26	31	739	31.9
Jan 27	32	726	31.3
Jan 28	25	700	30.2
Jan 29	32	672	29.0
Jan 30	40	631	27.2
Jan 31	21	587	25.3
Feb 01	25	534	23.0
Feb 02	11	485	20.9