

COVID-19 Trends, Clark County, NV

(FOR OFFICIAL USE ONLY)

Document creation date: February 6, 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 6, 2024 at 12:00 AM, and data is reported up through February 5, 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.

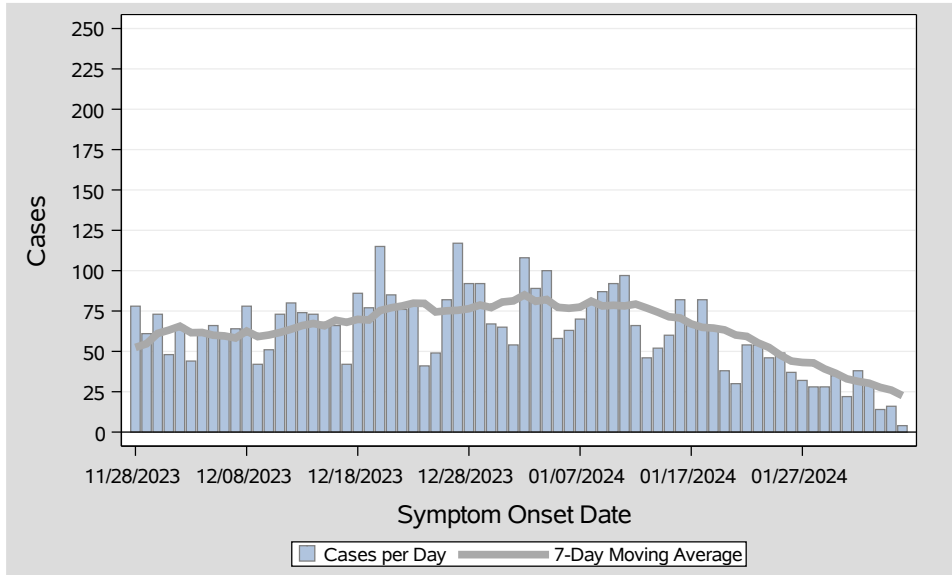


Table 1: COVID-19 Cases per Day, Clark County, NV

Date	Cases Per Day	7-Day Moving Average
Jan 20	38	63.3
Jan 21	30	60.1
Jan 22	54	59.3
Jan 23	54	55.3
Jan 24	46	52.4
Jan 25	49	47.7
Jan 26	37	44.0
Jan 27	32	43.1
Jan 28	28	42.9
Jan 29	28	39.1
Jan 30	35	36.4
Jan 31	22	33.0
Feb 01	38	31.4
Feb 02	29	30.3
Feb 03	14	27.7
Feb 04	16	26.0
Feb 05	4	22.6

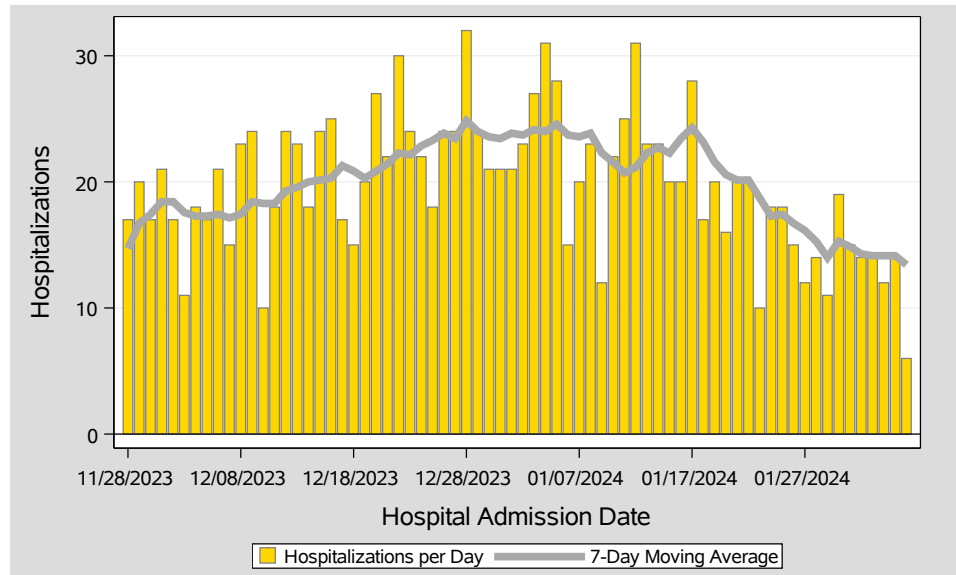


Table 2: COVID-19 Hospitalizations per Day, Clark County, NV

Date	Hospitalizations Per Day	7-Day Moving Average	7-Day Total Hospitalizations per 100K	Hospital Admission Level
Jan 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
Feb 03	12	14.1	4.27	Low
Feb 04	14	14.1	4.27	Low
Feb 05	6	13.4	4.05	Low

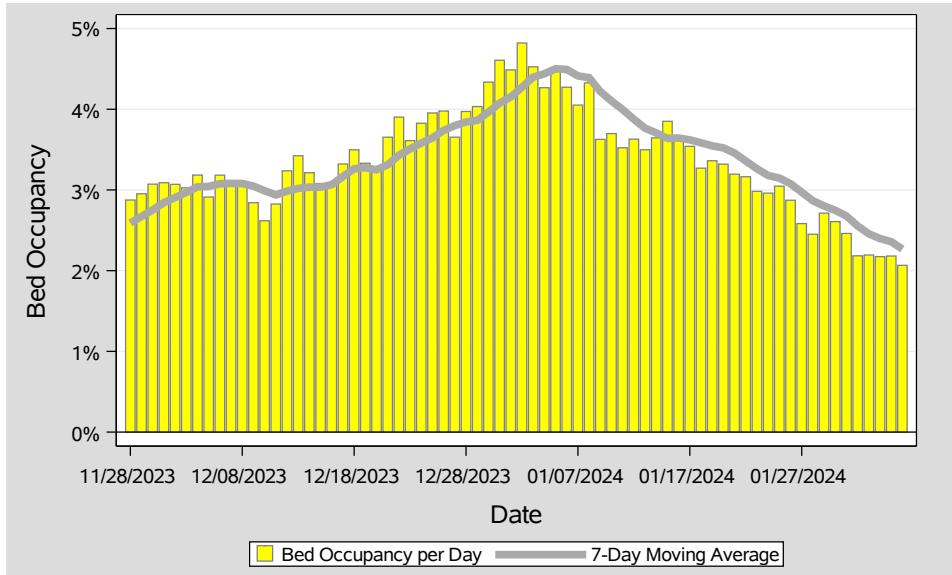


Table 3: Percent of Bed Occupancy per Day, Clark County, NV

Date	Bed Occupancy Per Day	7-Day Moving Average
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	2.58%	2.97%
Jan 28	2.45%	2.87%
Jan 29	2.71%	2.80%
Jan 30	2.61%	2.75%
Jan 31	2.46%	2.68%
Feb 01	2.18%	2.55%
Feb 02	2.19%	2.46%
Feb 03	2.17%	2.40%
Feb 04	2.18%	2.36%
Feb 05	2.07%	2.27%

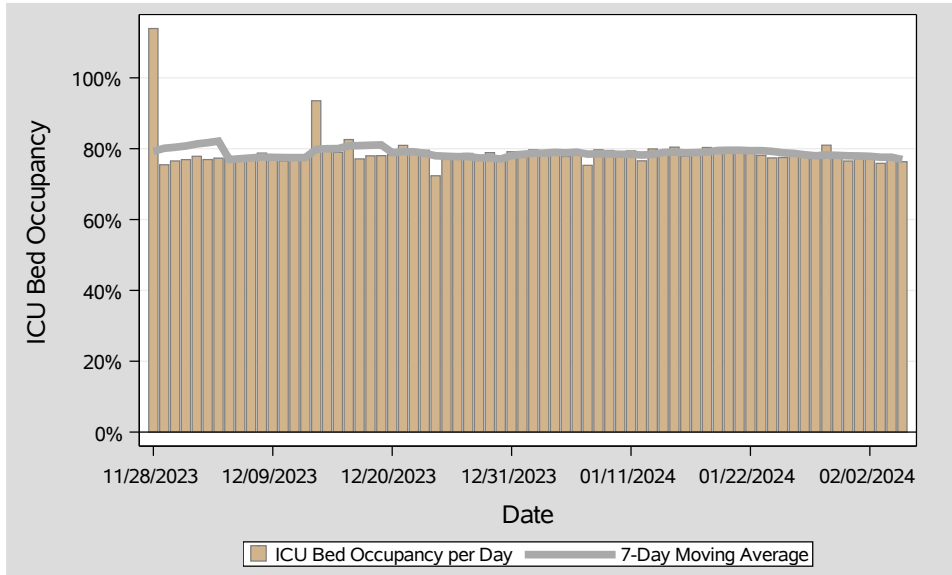


Table 4: Percent of ICU Bed Occupancy per Day, Clark County, NV

Date	ICU Bed Occupancy Per Day	7-Day Moving Average
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	77.68%	78.29%
Jan 28	77.40%	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	77.78%	77.85%
Feb 03	75.87%	77.59%
Feb 04	77.44%	77.59%
Feb 05	76.32%	76.92%

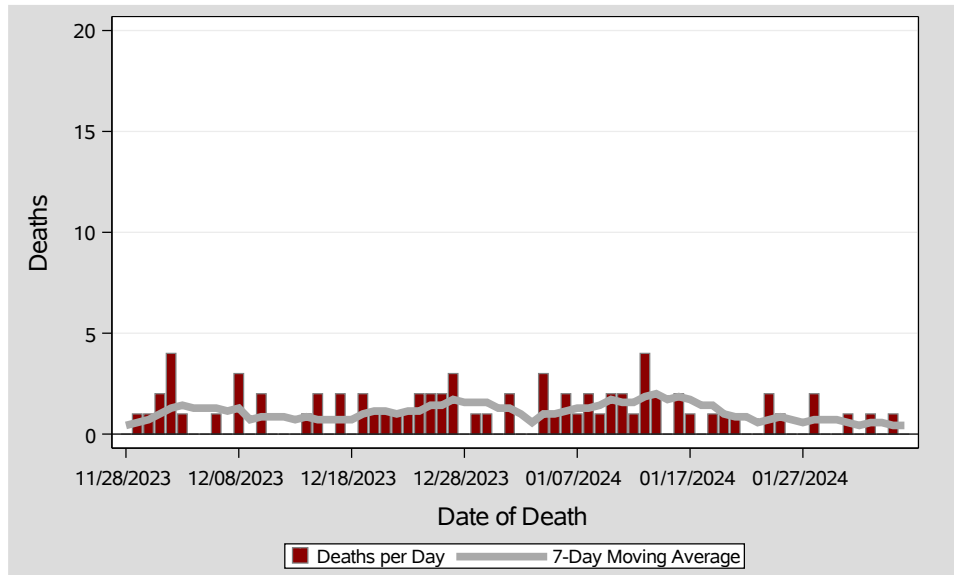


Table 5: COVID-19 Deaths per Day, Clark County, NV

Date	Deaths Per Day	7-Day Moving Average
Jan 20	1	1.0
Jan 21	1	0.9
Jan 22	0	0.9
Jan 23	0	0.6
Jan 24	2	0.7
Jan 25	1	0.9
Jan 26	0	0.7
Jan 27	0	0.6
Jan 28	2	0.7
Jan 29	0	0.7
Jan 30	0	0.7
Jan 31	1	0.6
Feb 01	0	0.4
Feb 02	1	0.6
Feb 03	0	0.6
Feb 04	1	0.4
Feb 05	0	0.4

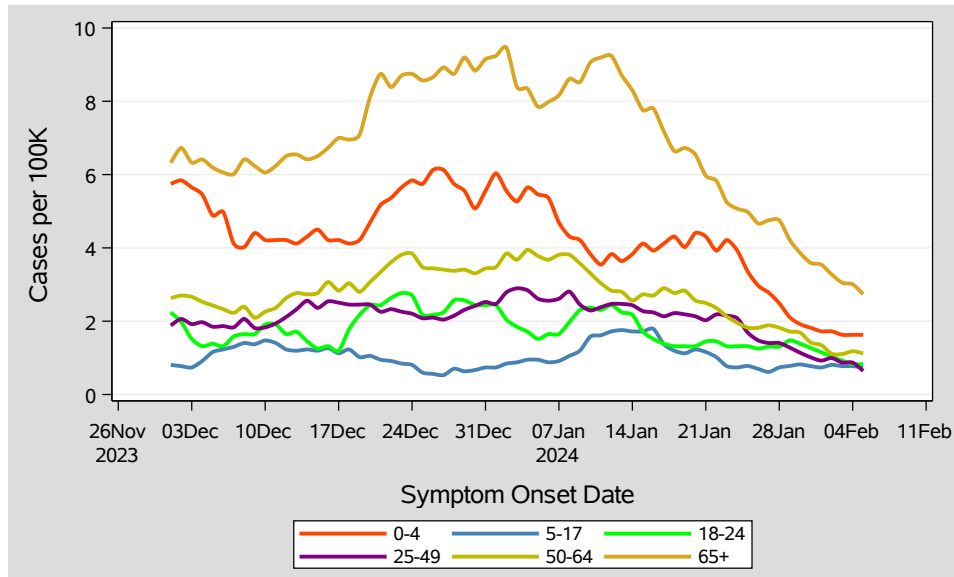


Table 6: 7-Day Average of Daily New Cases per 100K, by Age Group (Years)

Date	0-4	5-17	18-24	25-49	50-64	65+
Jan 20	4.4	1.2	1.3	2.1	2.6	6.5
Jan 21	4.3	1.2	1.4	2.0	2.5	6.0
Jan 22	3.9	1.0	1.4	2.2	2.4	5.8
Jan 23	4.2	0.8	1.3	2.2	2.1	5.2
Jan 24	3.9	0.7	1.3	2.1	2.0	5.1
Jan 25	3.4	0.8	1.3	1.7	1.8	5.0
Jan 26	3.0	0.7	1.3	1.5	1.8	4.7
Jan 27	2.8	0.6	1.3	1.4	1.9	4.8
Jan 28	2.5	0.7	1.3	1.4	1.8	4.8
Jan 29	2.1	0.8	1.5	1.3	1.7	4.2
Jan 30	1.9	0.8	1.4	1.1	1.7	3.9
Jan 31	1.8	0.8	1.3	1.0	1.4	3.6
Feb 01	1.7	0.7	1.2	0.9	1.3	3.5
Feb 02	1.7	0.8	1.0	1.0	1.1	3.3
Feb 03	1.6	0.8	0.9	0.9	1.1	3.1
Feb 04	1.6	0.8	0.8	0.9	1.2	3.0
Feb 05	1.6	0.7	0.8	0.6	1.1	2.7

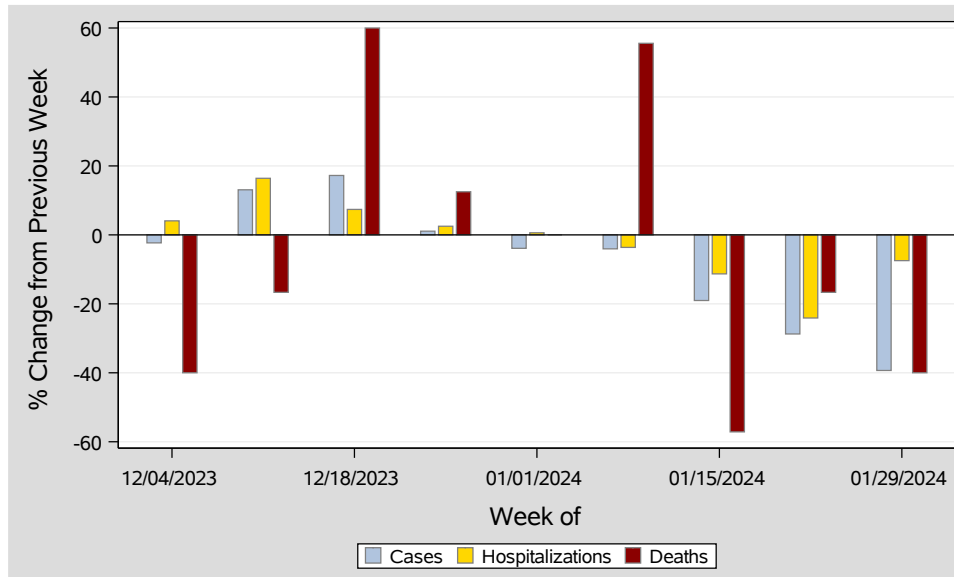


Table 7: Percent Change in Weekly Totals from Previous Week

Week	Case(n)	Cases(%)	Hosp(n)	Hosp(%)	Deaths(n)	Deaths(%)
Dec 04 - Dec 10	421	-2.3	128	4.1	6	-40.0
Dec 11 - Dec 17	476	13.1	149	16.4	5	-16.7
Dec 18 - Dec 24	558	17.2	160	7.4	8	60.0
Dec 25 - Dec 31	564	1.1	164	2.5	9	12.5
Jan 01 - Jan 07	542	-3.9	165	0.6	9	0.0
Jan 08 - Jan 14	520	-4.1	159	-3.6	14	55.6
Jan 15 - Jan 21	421	-19.0	141	-11.3	6	-57.1
Jan 22 - Jan 28	300	-28.7	107	-24.1	5	-16.7
Jan 29 - Feb 04	182	-39.3	99	-7.5	3	-40.0

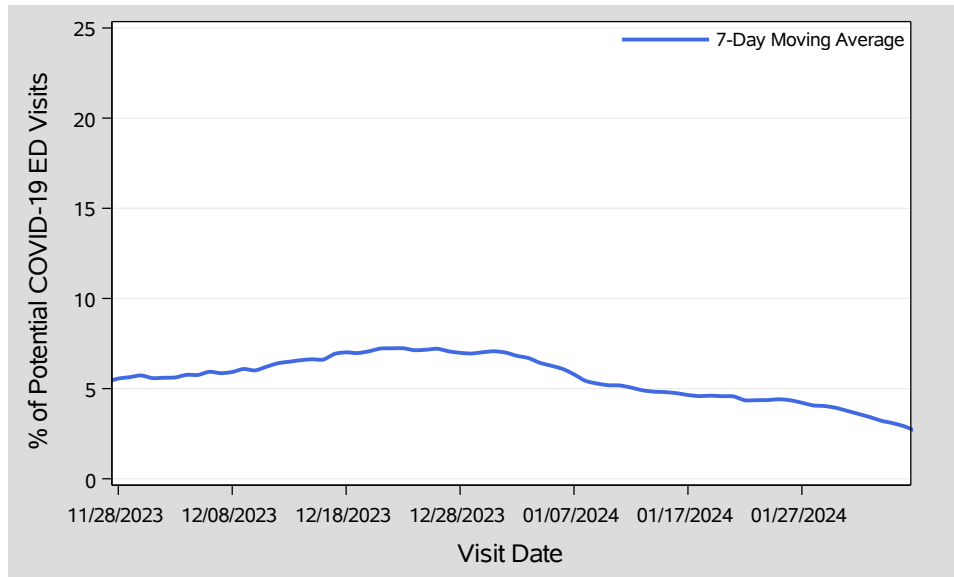


Table 8: Syndromic Surveillance: Percent of ED Visits Potentially Related to COVID-19

Visit Date	Possible COVID Visits	Total ED Visits	(%)	7-Day Average (%)
Jan 20	141	2,955	4.8	4.6
Jan 21	145	2,864	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	3,360	4.3	4.4
Jan 25	144	3,294	4.4	4.4
Jan 26	127	3,179	4.0	4.4
Jan 27	113	2,953	3.8	4.2
Jan 28	115	2,865	4.0	4.1
Jan 29	116	3,432	3.4	4.0
Jan 30	122	3,336	3.7	3.9
Jan 31	100	3,230	3.1	3.8
Feb 01	96	3,024	3.2	3.6
Feb 02	84	3,042	2.8	3.4
Feb 03	68	2,821	2.4	3.2
Feb 04	81	2,623	3.1	3.1
Feb 05	49	2,264	2.2	2.9

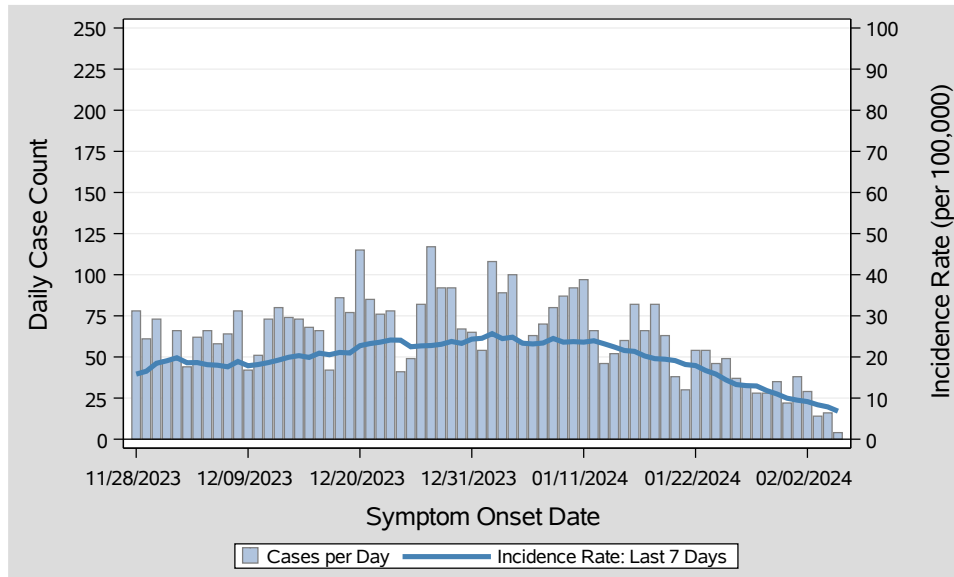


Table 9: COVID-19 Cases per Day and Incidence Rate in the Last 7 Days, Clark County, NV

Onset Date	Cases Per Day	Last 7 Days	
		Total Case Count	Incidence Rate
Jan 20	38	443	19.1
Jan 21	30	421	18.2
Jan 22	54	415	17.9
Jan 23	54	387	16.7
Jan 24	46	367	15.8
Jan 25	49	334	14.4
Jan 26	37	308	13.3
Jan 27	32	302	13.0
Jan 28	28	300	12.9
Jan 29	28	274	11.8
Jan 30	35	255	11.0
Jan 31	22	231	10.0
Feb 01	38	220	9.5
Feb 02	29	212	9.1
Feb 03	14	194	8.4
Feb 04	16	182	7.9
Feb 05	4	158	6.8

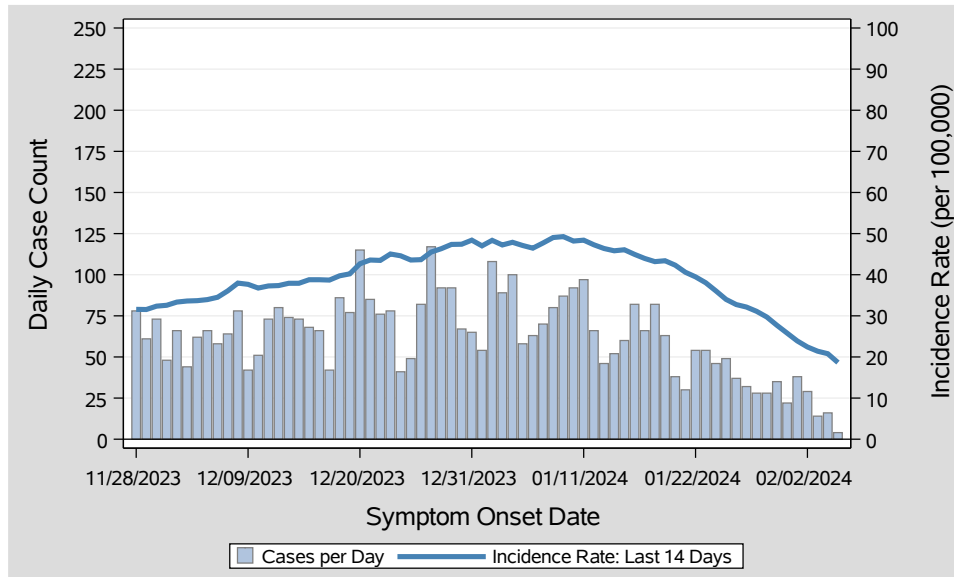


Table 10: COVID-19 Cases per Day and Incidence Rate in the Last 14 Days, Clark County, NV

Onset Date	Cases Per Day	Last 14 Days	
		Total Case Count	Incidence Rate
Jan 20	38	981	42.3
Jan 21	30	941	40.6
Jan 22	54	915	39.5
Jan 23	54	882	38.0
Jan 24	46	836	36.1
Jan 25	49	788	34.0
Jan 26	37	759	32.7
Jan 27	32	745	32.1
Jan 28	28	721	31.1
Jan 29	28	689	29.7
Jan 30	35	642	27.7
Jan 31	22	598	25.8
Feb 01	38	554	23.9
Feb 02	29	520	22.4
Feb 03	14	496	21.4
Feb 04	16	482	20.8
Feb 05	4	432	18.6