

## COVID-19 Trends, Clark County, NV

### (FOR OFFICIAL USE ONLY)

Document creation date: June 25, 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 June 25, 2023 at 12:00 AM, and data is reported up through June 21, 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.

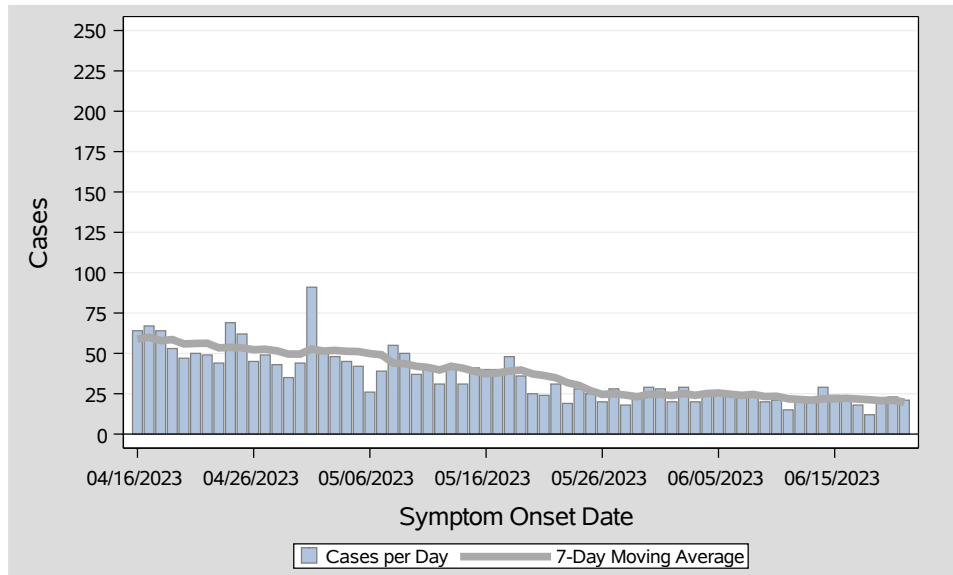


Table 1: COVID-19 Cases per Day, Clark County, NV

Date	Cases Per Day	7-Day Moving Average
Jun 08	24	24.6
Jun 09	20	23.3
Jun 10	21	23.4
Jun 11	15	21.9
Jun 12	23	21.4
Jun 13	21	21.0
Jun 14	29	21.9
Jun 15	24	21.9
Jun 16	22	22.1
Jun 17	18	21.7
Jun 18	12	21.3
Jun 19	19	20.7
Jun 20	23	21.0
Jun 21	21	19.9

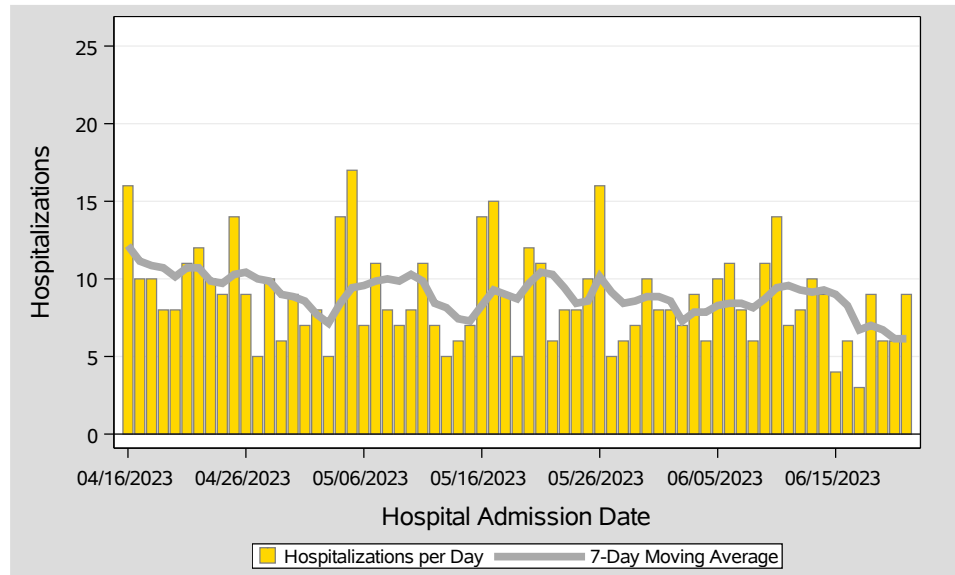


Table 2: COVID-19 Hospitalizations per Day, Clark County, NV

Date	Hospitalizations Per Day	7-Day Moving Average	7-Day Total Hospitalizations per 100K	Hospital Admission Level
Jun 08	6	8.1	2.46	Low
Jun 09	11	8.7	2.63	Low
Jun 10	14	9.4	2.85	Low
Jun 11	7	9.6	2.89	Low
Jun 12	8	9.3	2.80	Low
Jun 13	10	9.1	2.76	Low
Jun 14	9	9.3	2.80	Low
Jun 15	4	9.0	2.72	Low
Jun 16	6	8.3	2.50	Low
Jun 17	3	6.7	2.03	Low
Jun 18	9	7.0	2.11	Low
Jun 19	6	6.7	2.03	Low
Jun 20	6	6.1	1.85	Low
Jun 21	9	6.1	1.85	Low

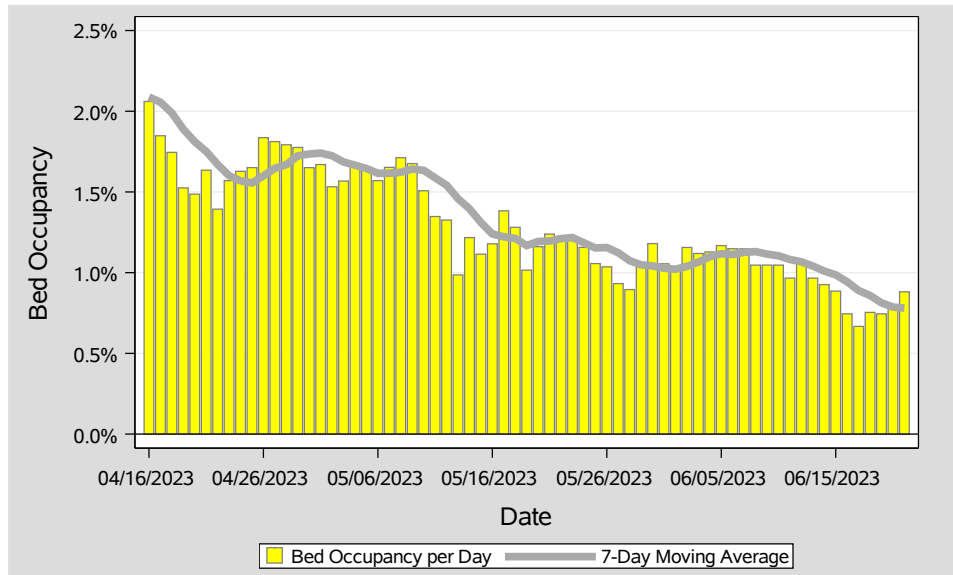


Table 3: Percent of Bed Occupancy per Day, Clark County, NV

Date	Bed Occupancy Per Day	7-Day Moving Average
Jun 08	1.05%	1.13%
Jun 09	1.05%	1.11%
Jun 10	1.05%	1.10%
Jun 11	0.97%	1.08%
Jun 12	1.07%	1.07%
Jun 13	0.97%	1.04%
Jun 14	0.93%	1.01%
Jun 15	0.89%	0.99%
Jun 16	0.74%	0.94%
Jun 17	0.67%	0.89%
Jun 18	0.75%	0.86%
Jun 19	0.74%	0.81%
Jun 20	0.79%	0.79%
Jun 21	0.88%	0.78%

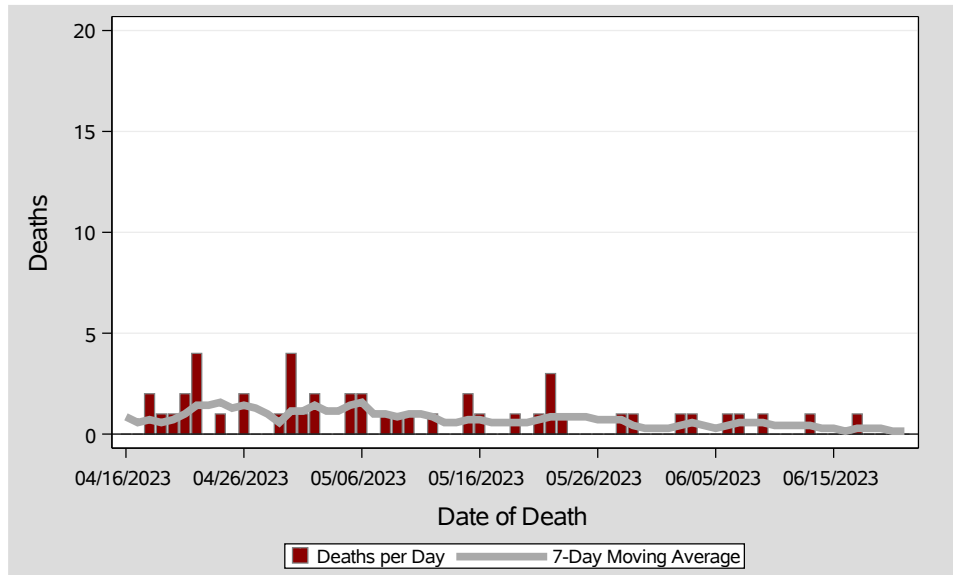


Table 4: COVID-19 Deaths per Day, Clark County, NV

Date	Deaths Per Day	7-Day Moving Average
Jun 08	0	0.6
Jun 09	1	0.6
Jun 10	0	0.4
Jun 11	0	0.4
Jun 12	0	0.4
Jun 13	1	0.4
Jun 14	0	0.3
Jun 15	0	0.3
Jun 16	0	0.1
Jun 17	1	0.3
Jun 18	0	0.3
Jun 19	0	0.3
Jun 20	0	0.1
Jun 21	0	0.1

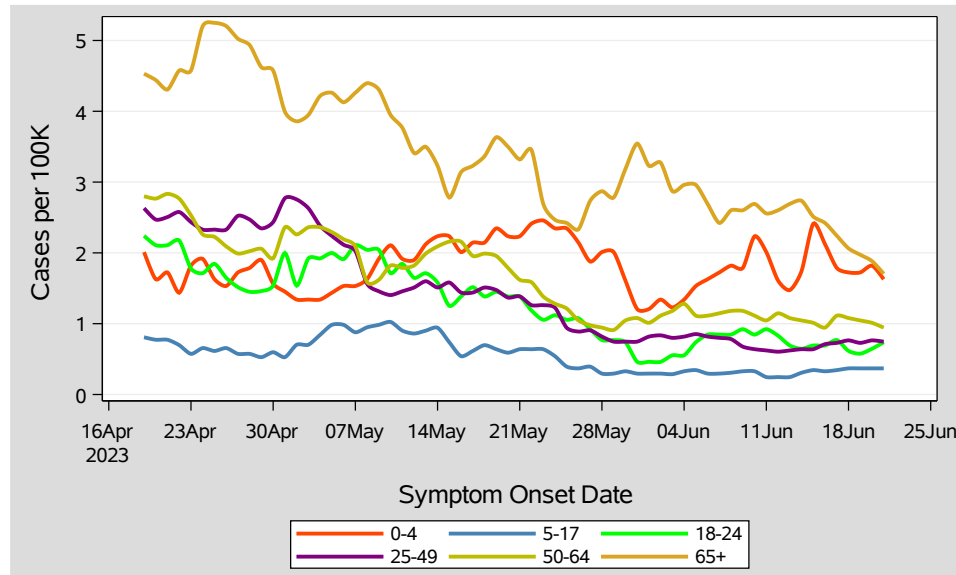


Table 5: 7-Day Average of Daily New Cases per 100K, by Age Group (Years)

Date	0-4	5-17	18-24	25-49	50-64	65+
Jun 08	1.8	0.3	0.8	0.8	1.2	2.6
Jun 09	1.8	0.3	0.9	0.7	1.2	2.6
Jun 10	2.2	0.3	0.8	0.6	1.1	2.7
Jun 11	2.0	0.2	0.9	0.6	1.0	2.6
Jun 12	1.6	0.2	0.8	0.6	1.1	2.6
Jun 13	1.5	0.2	0.7	0.6	1.1	2.7
Jun 14	1.7	0.3	0.6	0.6	1.0	2.7
Jun 15	2.4	0.3	0.7	0.6	1.0	2.5
Jun 16	2.1	0.3	0.7	0.7	0.9	2.4
Jun 17	1.8	0.3	0.8	0.7	1.1	2.2
Jun 18	1.7	0.4	0.6	0.8	1.1	2.1
Jun 19	1.7	0.4	0.6	0.7	1.0	2.0
Jun 20	1.8	0.4	0.6	0.8	1.0	1.9
Jun 21	1.6	0.4	0.7	0.7	0.9	1.7

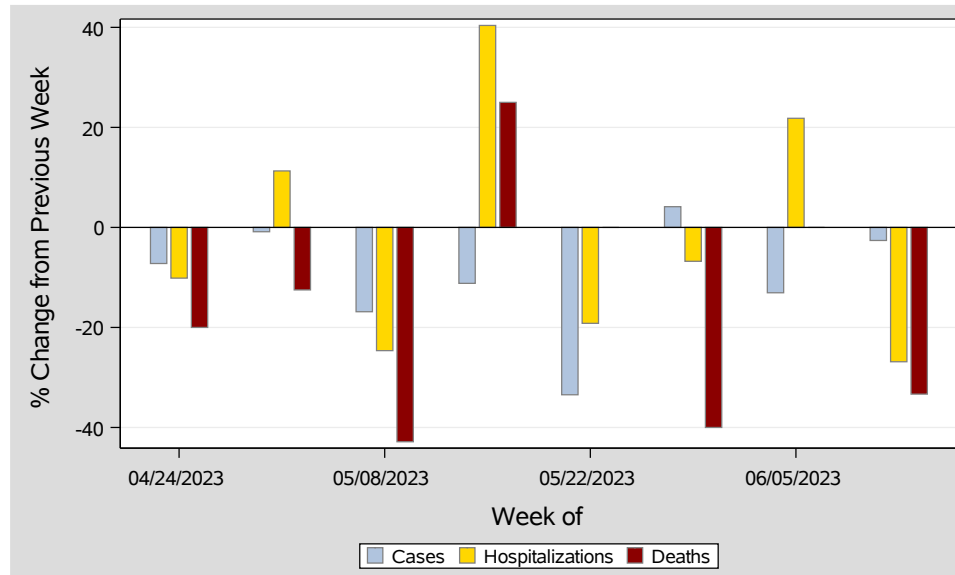


Table 6: Percent Change in Weekly Totals from Previous Week

Week	Case(n)	Cases(%)	Hosp(n)	Hosp(%)	Deaths(n)	Deaths(%)
Apr 24 - Apr 30	347	-7.2	62	-10.1	8	-20.0
May 01 - May 07	344	-0.9	69	11.3	7	-12.5
May 08 - May 14	286	-16.9	52	-24.6	4	-42.9
May 15 - May 21	254	-11.2	73	40.4	5	25.0
May 22 - May 28	169	-33.5	59	-19.2	5	0.0
May 29 - Jun 04	176	4.1	55	-6.8	3	-40.0
Jun 05 - Jun 11	153	-13.1	67	21.8	3	0.0
Jun 12 - Jun 18	149	-2.6	49	-26.9	2	-33.3



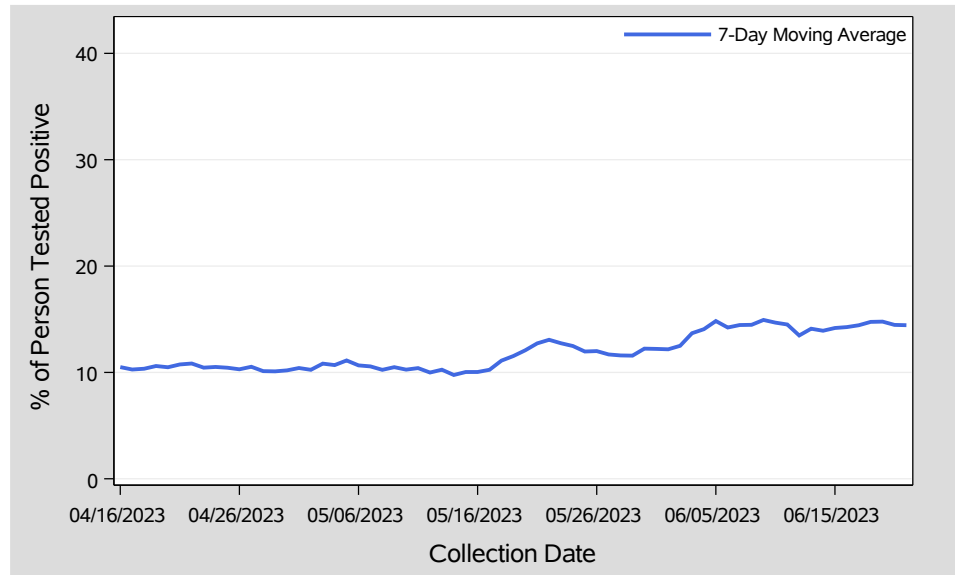


Table 7: Percent of People Receiving COVID-19 PCR Tests Who Have Positive Results

Collection Date	Positive	Negative	Equivocal Unknown	Total	Positive (%)	7-Day Average (%)
Jun 08	40	295	.	335	11.9	14.5
Jun 09	40	190	.	230	17.4	14.9
Jun 10	33	147	.	180	18.3	14.7
Jun 11	24	164	.	188	12.8	14.5
Jun 12	39	314	.	353	11.0	13.5
Jun 13	37	210	.	247	15.0	14.1
Jun 14	35	284	.	319	11.0	13.9
Jun 15	36	226	.	262	13.7	14.2
Jun 16	36	164	.	200	18.0	14.3
Jun 17	34	140	.	174	19.5	14.4
Jun 18	28	159	.	187	15.0	14.8
Jun 19	31	245	.	276	11.2	14.8
Jun 20	45	305	1	351	12.8	14.5
Jun 21	35	290	.	325	10.8	14.4

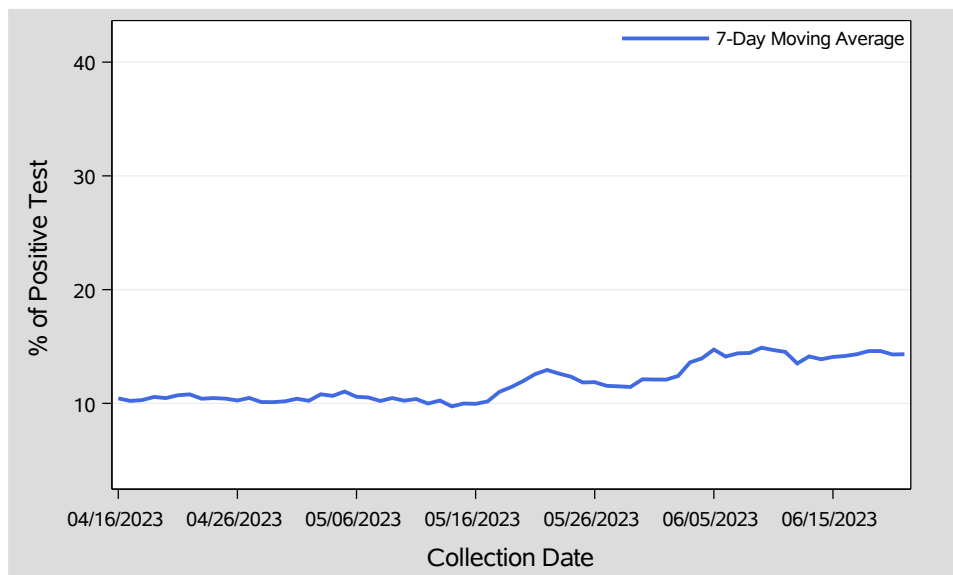


Table 8.1: Percent of Total COVID-19 PCR Tests With Positive Results

Collection Date	Positive	Negative	Equivocal Unknown	Total	Positive (%)	7-Day Average (%)
Jun 08	41	298	.	339	12.1	14.4
Jun 09	40	193	.	233	17.2	14.9
Jun 10	34	149	.	183	18.6	14.7
Jun 11	24	166	.	190	12.6	14.5
Jun 12	40	320	.	360	11.1	13.5
Jun 13	37	213	.	250	14.8	14.1
Jun 14	35	290	.	325	10.8	13.9
Jun 15	36	230	.	266	13.5	14.1
Jun 16	36	167	.	203	17.7	14.2
Jun 17	35	143	.	178	19.7	14.3
Jun 18	28	164	.	192	14.6	14.6
Jun 19	31	248	.	279	11.1	14.6
Jun 20	45	308	1	354	12.7	14.3
Jun 21	36	294	.	330	10.9	14.3

Table 8.2: COVID-19 PCR Test Totals Since Outbreak Start

Positive	Negative	Equivocal Unknown	Total	Positive(%)
832,135	4,833,354	17,436	5,682,925	14.6

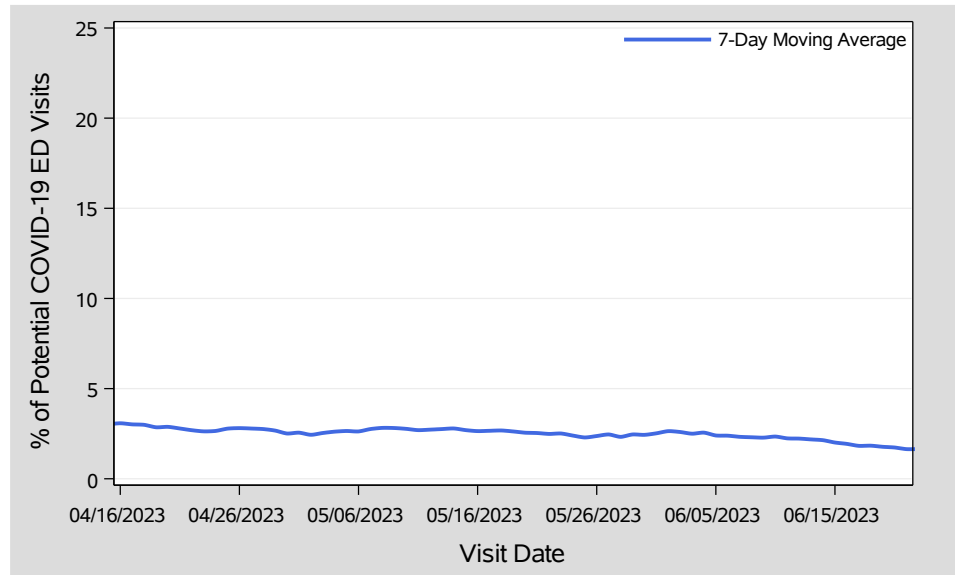


Table 9: Syndromic Surveillance: Percent of ED Visits Potentially Related to COVID-19

Visit Date	Possible COVID Visits	Total ED Visits	(%)	7-Day Average (%)
Jun 08	101	3,955	2.6	2.3
Jun 09	89	4,048	2.2	2.3
Jun 10	91	3,673	2.5	2.3
Jun 11	72	3,758	1.9	2.2
Jun 12	78	4,020	1.9	2.2
Jun 13	69	3,680	1.9	2.2
Jun 14	80	3,968	2.0	2.1
Jun 15	65	3,938	1.7	2.0
Jun 16	65	3,888	1.7	1.9
Jun 17	63	3,669	1.7	1.8
Jun 18	70	3,531	2.0	1.8
Jun 19	63	4,180	1.5	1.8
Jun 20	63	3,937	1.6	1.7
Jun 21	55	3,965	1.4	1.6

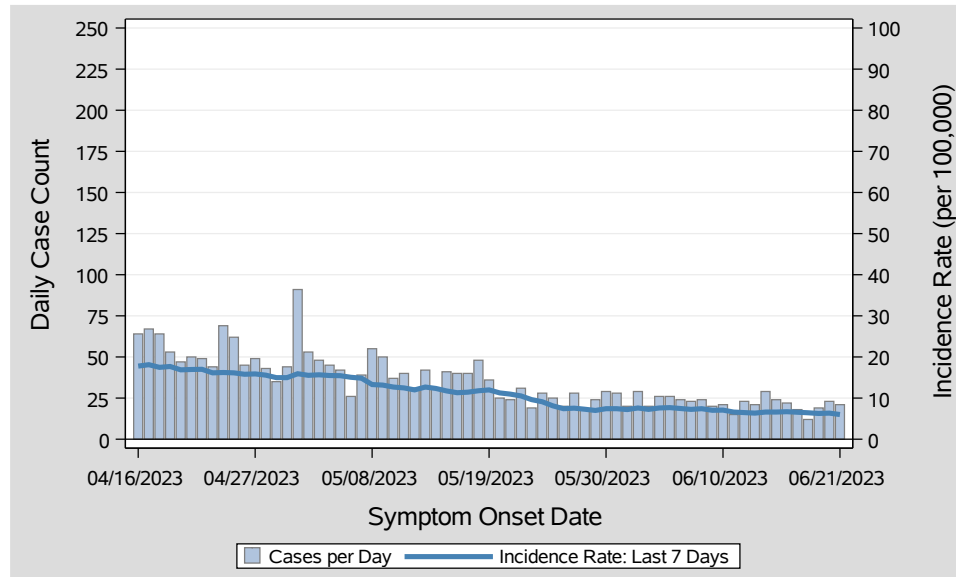


Table 10: COVID-19 Cases per Day and Incidence Rate in the Last 7 Days, Clark County, NV

Onset Date	Cases Per Day	Last 7 Days	
		Total Case Count	Incidence Rate
Jun 08	24	172	7.4
Jun 09	20	163	7.0
Jun 10	21	164	7.1
Jun 11	15	153	6.6
Jun 12	23	150	6.5
Jun 13	21	147	6.3
Jun 14	29	153	6.6
Jun 15	24	153	6.6
Jun 16	22	155	6.7
Jun 17	18	152	6.6
Jun 18	12	149	6.4
Jun 19	19	145	6.3
Jun 20	23	147	6.3
Jun 21	21	139	6.0

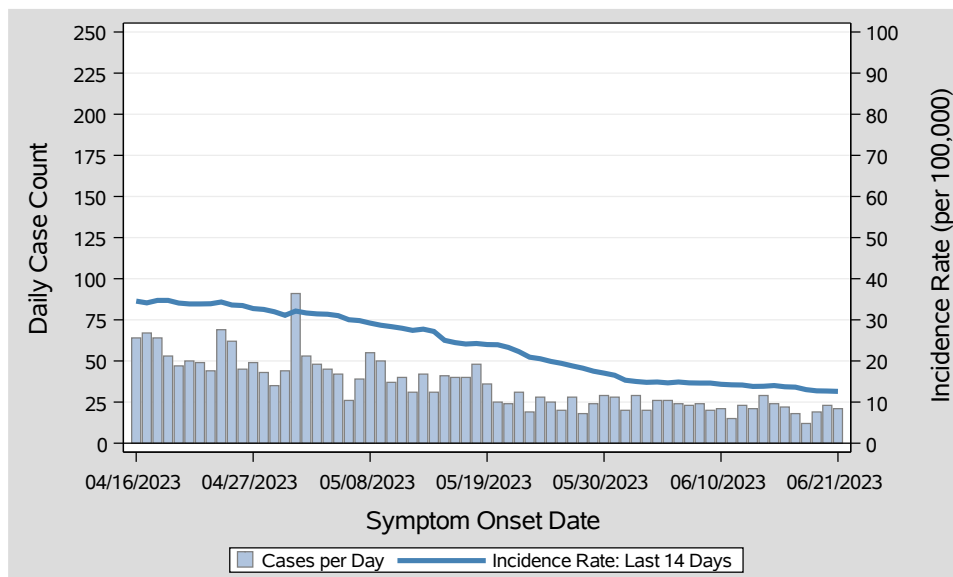


Table 11: COVID-19 Cases per Day and Incidence Rate in the Last 14 Days, Clark County, NV

Onset Date	Cases Per Day	Last 14 Days	
		Total Case Count	Incidence Rate
Jun 08	24	339	14.6
Jun 09	20	339	14.6
Jun 10	21	332	14.3
Jun 11	15	329	14.2
Jun 12	23	328	14.1
Jun 13	21	320	13.8
Jun 14	29	321	13.8
Jun 15	24	325	14.0
Jun 16	22	318	13.7
Jun 17	18	316	13.6
Jun 18	12	302	13.0
Jun 19	19	295	12.7
Jun 20	23	294	12.7
Jun 21	21	292	12.6

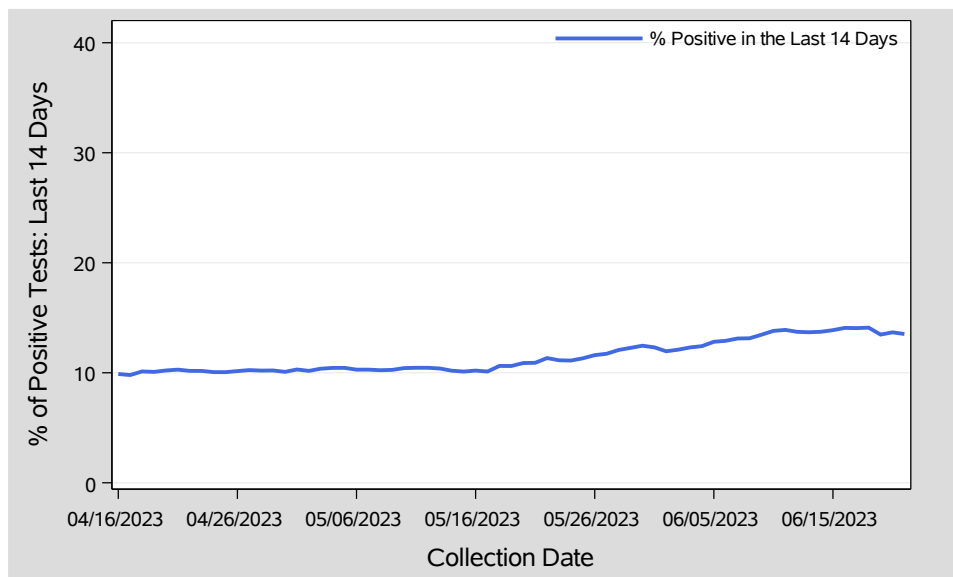


Table 12: Percent of Total COVID-19 PCR Tests With Positive Results in the Last 14 Days, Clark County, NV

Collection Date	Last 14 Days		
	# of Positive Tests	# of Total Tests	% of Positive Tests
Jun 08	536	4,081	13.1
Jun 09	545	4,049	13.5
Jun 10	551	3,991	13.8
Jun 11	548	3,943	13.9
Jun 12	555	4,045	13.7
Jun 13	531	3,881	13.7
Jun 14	528	3,846	13.7
Jun 15	525	3,784	13.9
Jun 16	527	3,743	14.1
Jun 17	526	3,741	14.1
Jun 18	526	3,730	14.1
Jun 19	492	3,652	13.5
Jun 20	502	3,671	13.7
Jun 21	498	3,682	13.5

Report prepared by: Ying Zhang, PhD, MPH (Office of Epidemiology) and Lei Zhang, MS (Office of Informatics)