



COVID-19 Trends, Clark County, NV

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Technical Notes

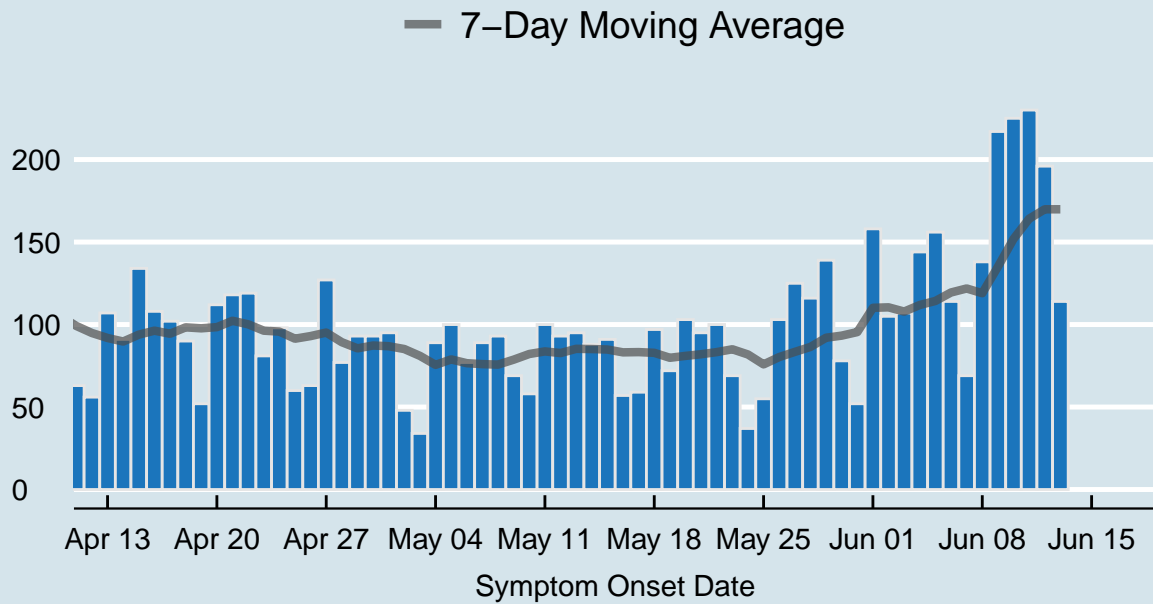
- General notes: This report uses surveillance data collected by the Southern Nevada Health District. Due to delays related to laboratory processing, reporting, and case investigations, data from the most recent days are less complete than data from older time points. For this reason, as of June 10, 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 17 at 12:00 AM, and data is reported up through June 13, 2020.
- 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 TriSano, SNHD's surveillance system).
- Hospitalizations: Admission date was used for aggregating hospitalizations. If admission date was missing, report date was substituted. If a person had more than one hospitalization after his/her COVID-19 diagnosis, only the first admission date was used.
- Deaths: Date of death was used for aggregating deaths. If date of death was missing, report date was used.
- 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 every day of that week's data 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 Viral Tests Who Have Positive Results” graph, one person who has multiple specimens collected in one day is only reported once. If any of that person’s tests are positive, that person counts as a positive result. If all of that individual’s tests 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 tests were excluded.
- For the “Percent of Total COVID-19 Viral 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 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.

COVID-19 Cases

Clark County, NV



Data source: SNHD Office of Epidemiology and Disease Surveillance

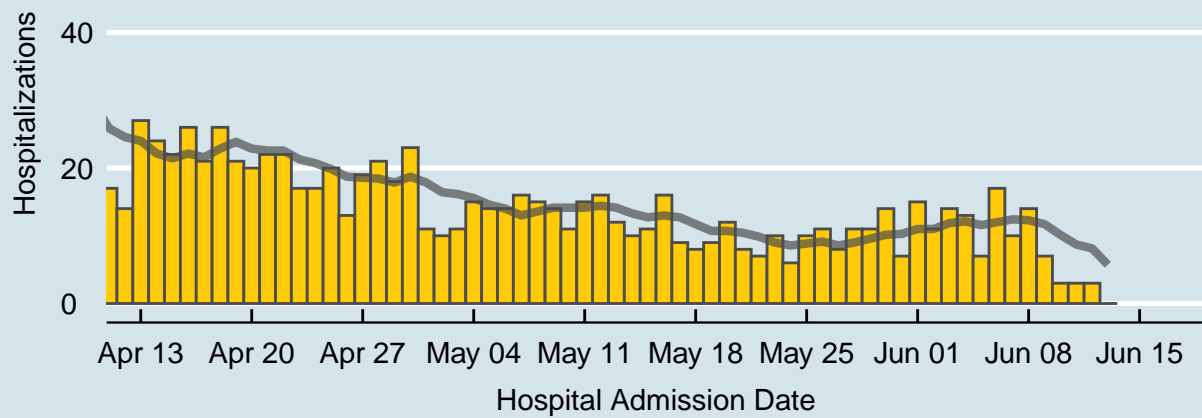
Table 1: COVID-19 Cases per Day, Clark County, NV

Date	Cases per Day	7-Day Moving Average
May 31	52	95.4
Jun 01	158	110.1
Jun 02	105	110.4
Jun 03	107	107.9
Jun 04	144	111.9
Jun 05	156	114.3
Jun 06	114	119.4
Jun 07	69	121.9
Jun 08	138	119.0
Jun 09	217	135.0
Jun 10	225	151.9
Jun 11	230	164.1
Jun 12	196	169.9
Jun 13	114	169.9

COVID-19 Hospitalizations

Clark County, NV

— 7-Day Moving Average



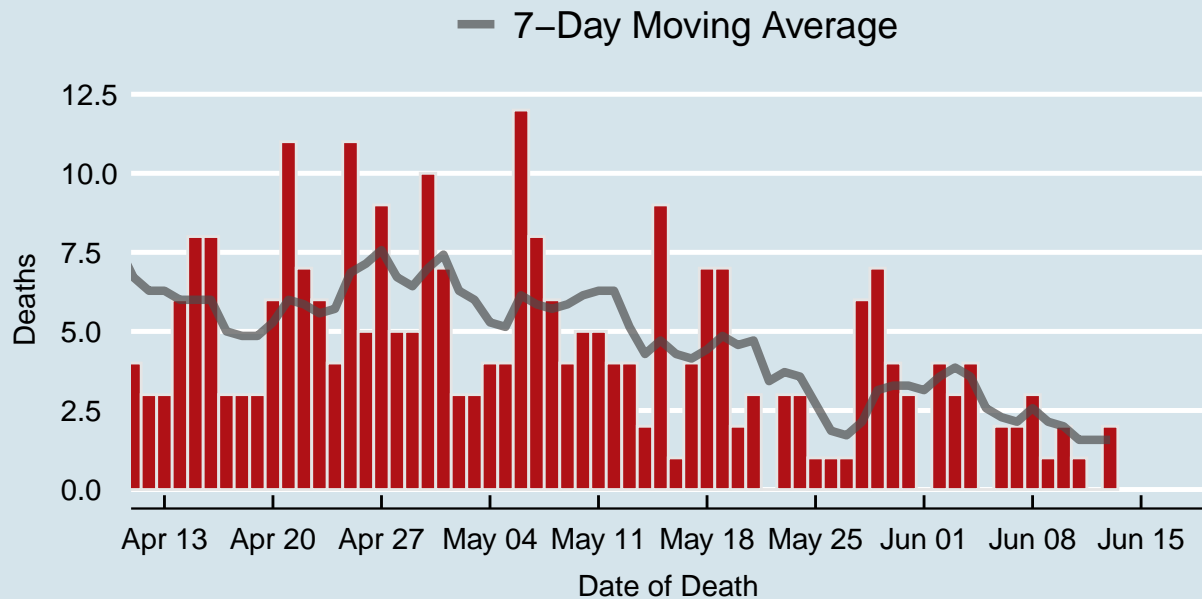
Data source: SNHD Office of Epidemiology and Disease Surveillance

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

Date	Hospitalizations per Day	7-Day Moving Average
May 31	7	10.3
Jun 01	15	11.0
Jun 02	11	11.0
Jun 03	14	11.9
Jun 04	13	12.1
Jun 05	7	11.6
Jun 06	17	12.0
Jun 07	10	12.4
Jun 08	14	12.3
Jun 09	7	11.7
Jun 10	3	10.1
Jun 11	3	8.7
Jun 12	3	8.1
Jun 13	0	5.7

COVID-19 Deaths

Clark County, NV



Data source: SNHD Office of Epidemiology and Disease Surveillance

Table 3: COVID-19 Deaths per Day, Clark County, NV

Date	Deaths per Day	7-Day Moving Average
May 31	3	3.3
Jun 01	0	3.1
Jun 02	4	3.6
Jun 03	3	3.9
Jun 04	4	3.6
Jun 05	0	2.6
Jun 06	2	2.3
Jun 07	2	2.1
Jun 08	3	2.6
Jun 09	1	2.1
Jun 10	2	2.0
Jun 11	1	1.6
Jun 12	0	1.6
Jun 13	2	1.6

Percent Change in Weekly Totals from Previous Week

Clark County, NV

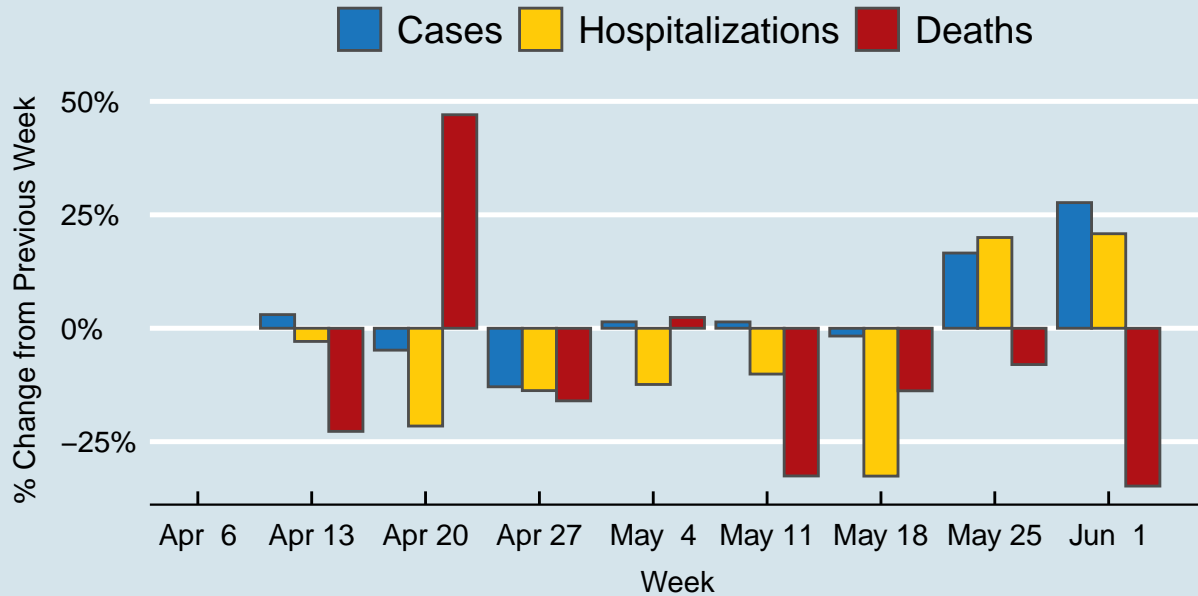


Table 4: Percent Change in Weekly Totals from Previous Week

Week	Cases (n)	Cases (%)	Hosp (n)	Hosp (%)	Deaths (n)	Deaths (%)
Apr 13 - Apr 19	684	3.0	167	-2.9	34	-22.7
Apr 20 - Apr 26	651	-4.8	131	-21.6	50	47.1
Apr 27 - May 3	567	-12.9	113	-13.7	42	-16.0
May 4 - May 10	575	1.4	99	-12.4	43	2.4
May 11 - May 17	583	1.4	89	-10.1	29	-32.6
May 18 - May 24	573	-1.7	60	-32.6	25	-13.8
May 25 - May 31	668	16.6	72	20.0	23	-8.0
Jun 1 - Jun 7	853	27.7	87	20.8	15	-34.8

Percent of People Receiving COVID-19 Viral Tests Who Have Positive Results

Clark County, NV

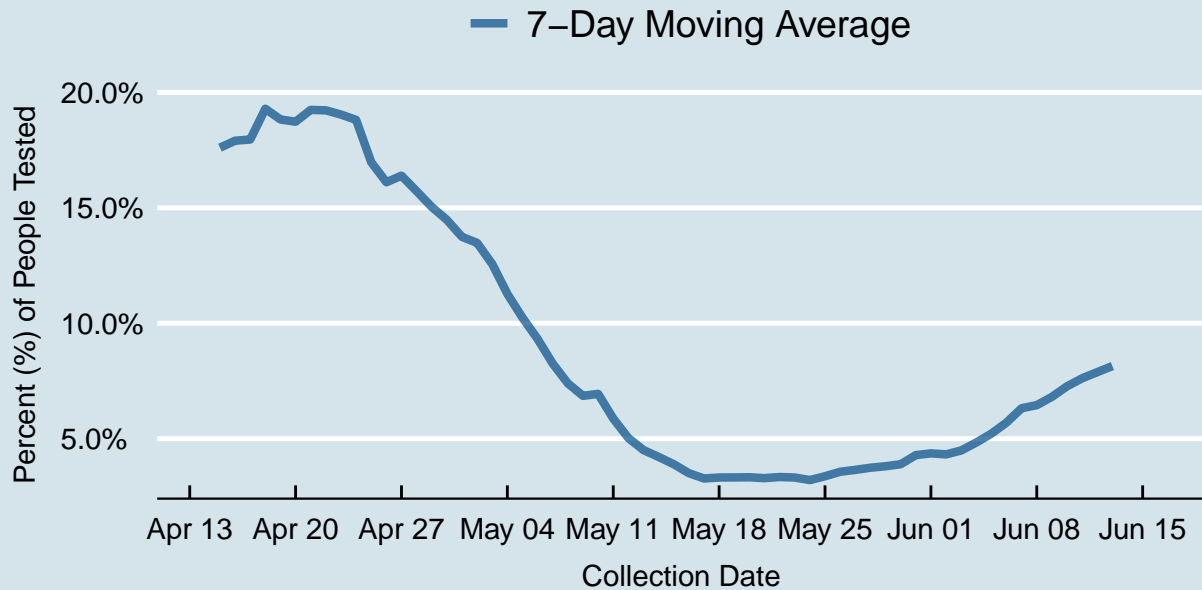
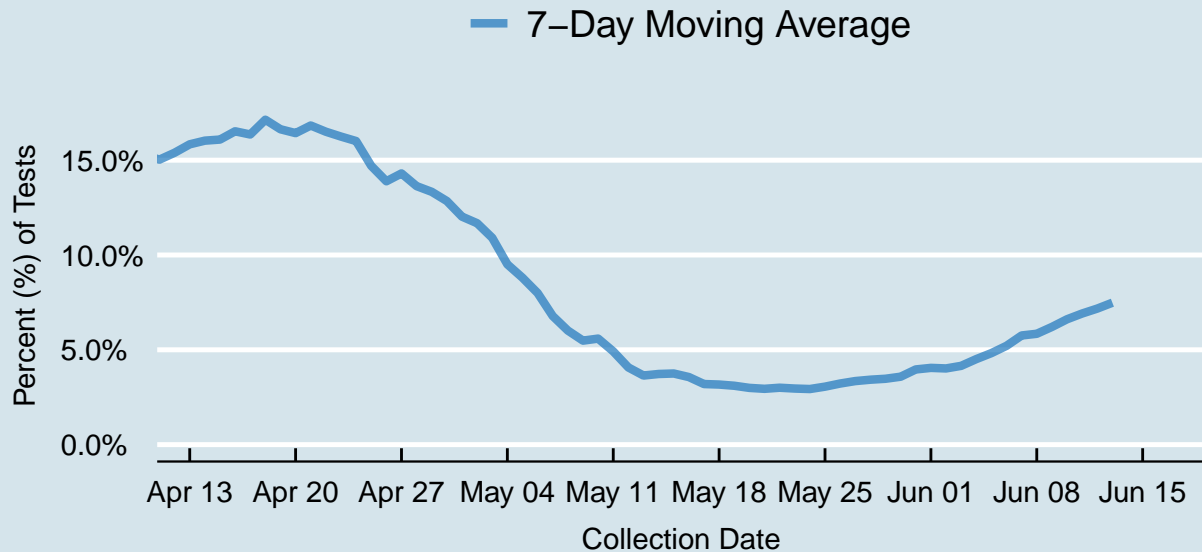


Table 5: Percent of People Receiving COVID-19 Viral Tests Who Have Positive Results

Collection Date	Positive	Negative	Equivocal/Unknown	Total	Positive (%)	7-Day Average (%)
May 31	45	582	0	627	7.2	4.3
Jun 01	233	3,918	1	4,152	5.6	4.4
Jun 02	179	4,689	2	4,870	3.7	4.3
Jun 03	193	3,989	3	4,185	4.6	4.5
Jun 04	204	3,300	1	3,505	5.8	4.8
Jun 05	236	3,727	4	3,967	6.0	5.2
Jun 06	136	1,791	1	1,928	7.0	5.7
Jun 07	82	630	0	712	11.5	6.3
Jun 08	209	2,986	1	3,196	6.5	6.4
Jun 09	289	4,386	3	4,678	6.2	6.8
Jun 10	276	3,245	2	3,523	7.8	7.3
Jun 11	278	3,092	1	3,371	8.2	7.6
Jun 12	236	2,785	3	3,024	7.8	7.9
Jun 13	139	1,422	0	1,561	8.9	8.2

Percent of Total COVID-19 Viral Tests With Positive Results

Clark County, NV



Note: One person may have more than one laboratory test result if multiple samples were collected.

Table 6: Percent of Total COVID-19 Viral Tests With Positive Results

Collection Date	Positive	Negative	Equivocal/Unknown	Total	Positive (%)	7-Day Average
May 31	48	652	0	700	6.9	4.0
Jun 01	224	4,352	1	4,577	4.9	4.0
Jun 02	171	5,032	2	5,205	3.3	4.0
Jun 03	190	4,206	3	4,399	4.3	4.2
Jun 04	210	3,583	1	3,794	5.5	4.5
Jun 05	230	4,157	4	4,391	5.2	4.8
Jun 06	130	1,917	1	2,048	6.3	5.2
Jun 07	85	711	1	797	10.7	5.8
Jun 08	196	3,348	1	3,545	5.5	5.8
Jun 09	283	4,588	3	4,874	5.8	6.2
Jun 10	262	3,402	2	3,666	7.2	6.6
Jun 11	278	3,346	2	3,626	7.7	6.9
Jun 12	237	3,115	4	3,356	7.1	7.2
Jun 13	133	1,430	0	1,563	8.5	7.5

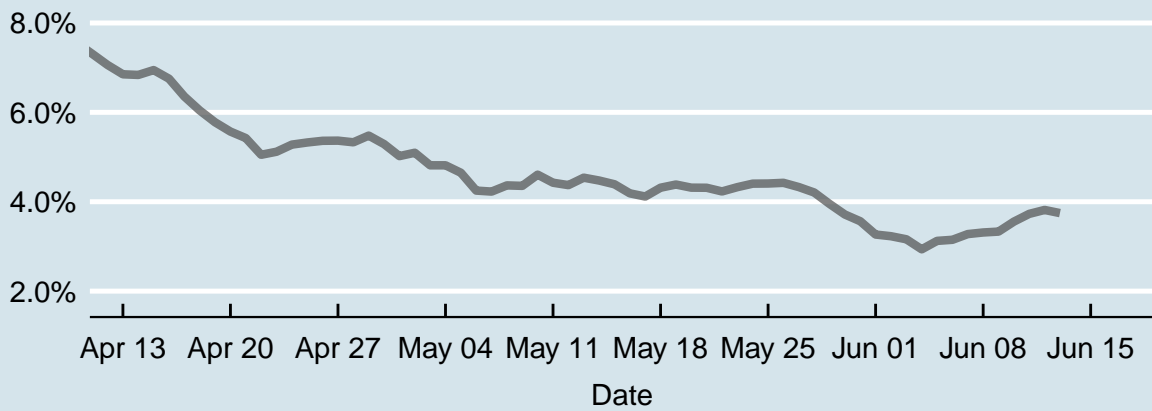
Table 7: COVID-19 Viral Test Totals Since Outbreak Start

Positive	Negative	Equivocal/Unknown	Positive (%)	Total
13,534	202,522	505	6.2	216,561

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

Clark County, NV

— 7-Day Moving Average



Data source: ESSENCE-Nevada



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

Visit Date	Possible COVID Visit	Total ED Visits	(%)	7-Day Average (%)
May 31	58	1,764	3.3	3.6
Jun 01	55	2,250	2.4	3.3
Jun 02	79	2,068	3.8	3.2
Jun 03	63	1,953	3.2	3.2
Jun 04	49	1,991	2.5	2.9
Jun 05	75	2,123	3.5	3.1
Jun 06	61	1,867	3.3	3.1
Jun 07	75	1,793	4.2	3.3
Jun 08	58	2,150	2.7	3.3
Jun 09	83	2,098	4.0	3.3
Jun 10	99	2,068	4.8	3.6
Jun 11	78	2,122	3.7	3.7
Jun 12	86	2,074	4.2	3.8
Jun 13	53	1,908	2.8	3.8



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