



Champion positive health outcomes and behaviors through innovative programs and community engagement

Jefferson County, Missouri
Weekly Total Covid-19 Surveillance Report
Includes Community Based Cases and Long-Term Care Facility Cases

Week 11: March 14- March 20

All data are preliminary and may change as more reports are received.

SUMMARY:

- During Week 11 a total of 194 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 21562 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 11.
- Two hundred twenty-nine Covid-19 associated deaths have been reported in Jefferson County as of Week 11.
- Twenty-six outbreaks of Covid-19 have been reported in long-term care facilities (LTCF) in Jefferson County.¹

¹Outbreaks are defined as a LTCF with one or more confirmed cases of Covid-19 in residents or staff.

EPIDEMIOLOGIC DATA

Table 1. Number of Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

CDC Week	CDC Week Start Date	Covid-19 Cases	Cumulative Covid-19 Case Total
24	6/7/2020	32	443
25	6/14/2020	57	500
26	6/21/2020	32	532
27	6/28/2020	111	643
28	7/5/2020	193	836
29	7/12/2020	173	1009
30	7/19/2020	220	1229
31	7/26/2020	272	1501
32	8/2/2020	295	1796
33	8/9/2020	321	2117
34	8/16/2020	349	2466
35	8/23/2020	378	2844
36	8/30/2020	399	3243
37	9/6/2020	378	3621
38	9/13/2020	434	4055
39	9/20/2020	380	4435
40	9/27/2020	278	4713
41	10/4/2020	298	5011
42	10/11/2020	337	5348
43	10/18/2020	394	5742
44	10/25/2020	742	6484
45	11/1/2020	1275	7759
46	11/8/2020	1601	9360
47	11/15/2020	1487	10847
48	11/22/2020	1131	11978
49	11/29/2020	1251	13229
50	12/6/2020	1077	14306
51	12/13/2020	909	15215
52	12/20/2020	679	15894
53	12/27/2020	1045	16939
1	1/3/2021	1215	18154
2	1/10/2021	858	19012
3	1/17/2021	606	19618
4	1/24/2021	495	20113
5	1/31/2021	346	20459
6	2/7/2021	229	20688
7	2/14/2021	198	20886
8	2/21/2021	168	21054
9	2/28/2021	155	21209
10	3/7/2021	159	21368
11	3/14/2021	194	21562

Figure 1. Number of Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

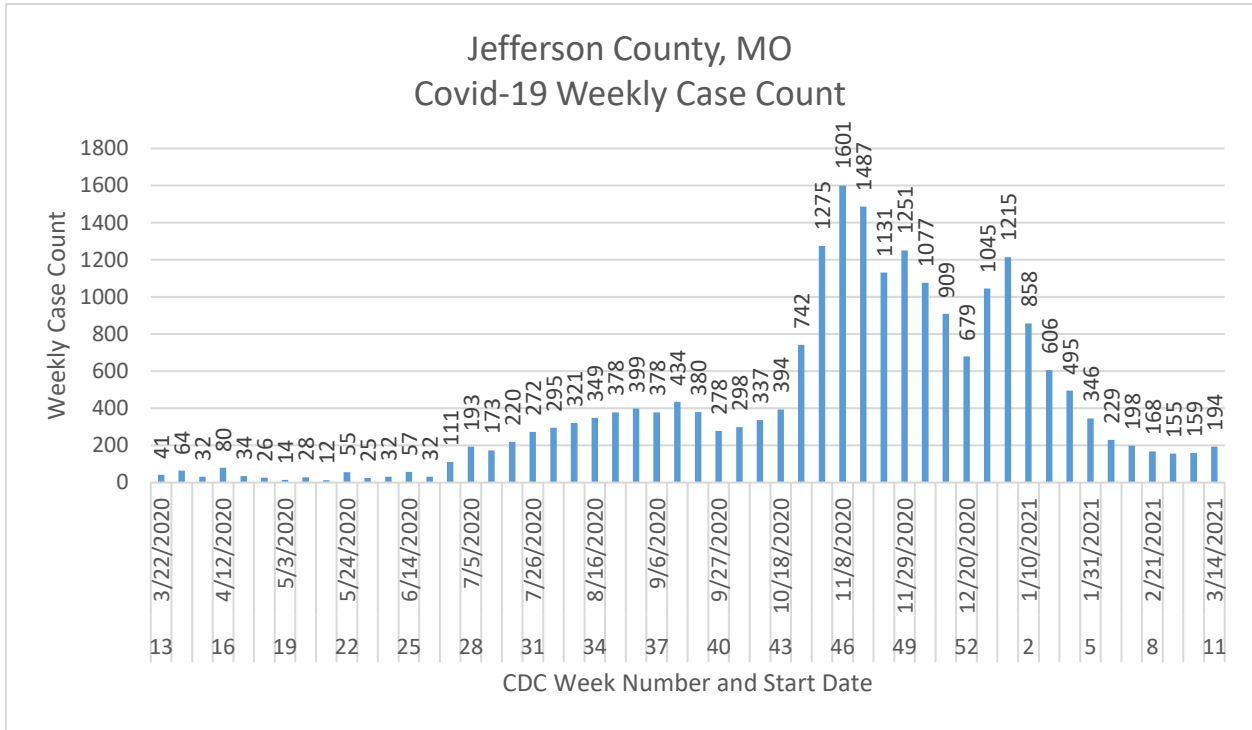


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

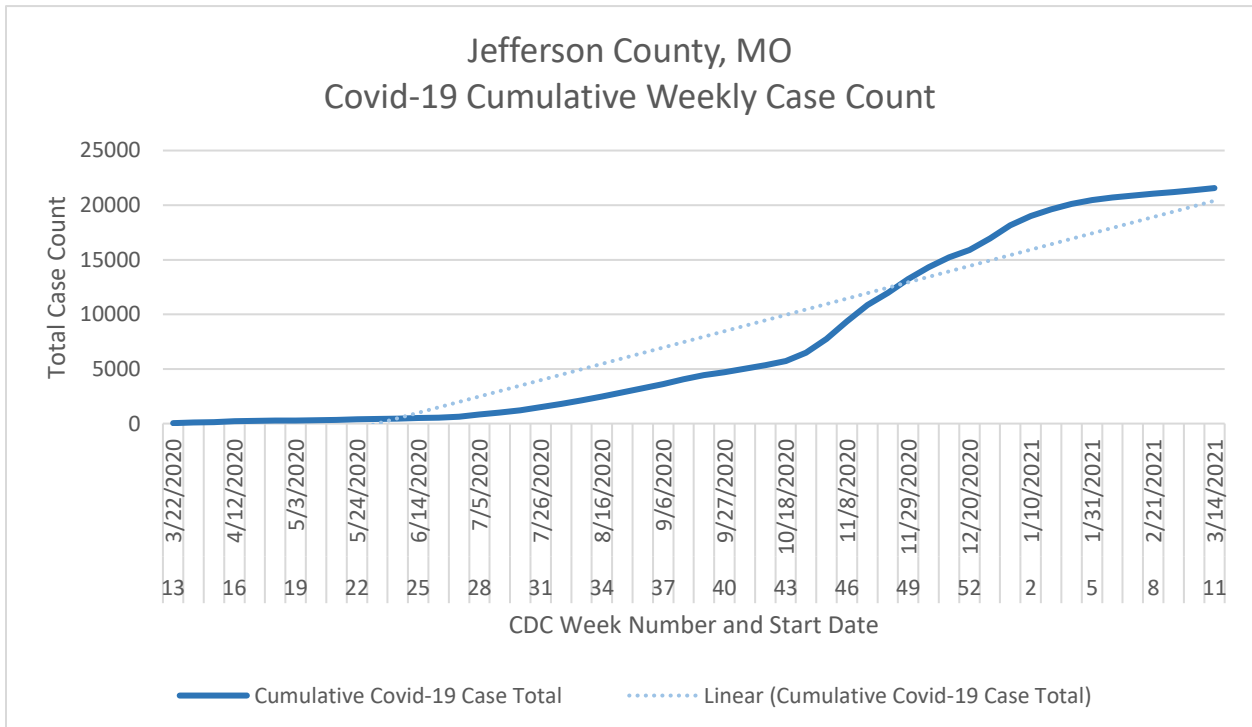


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

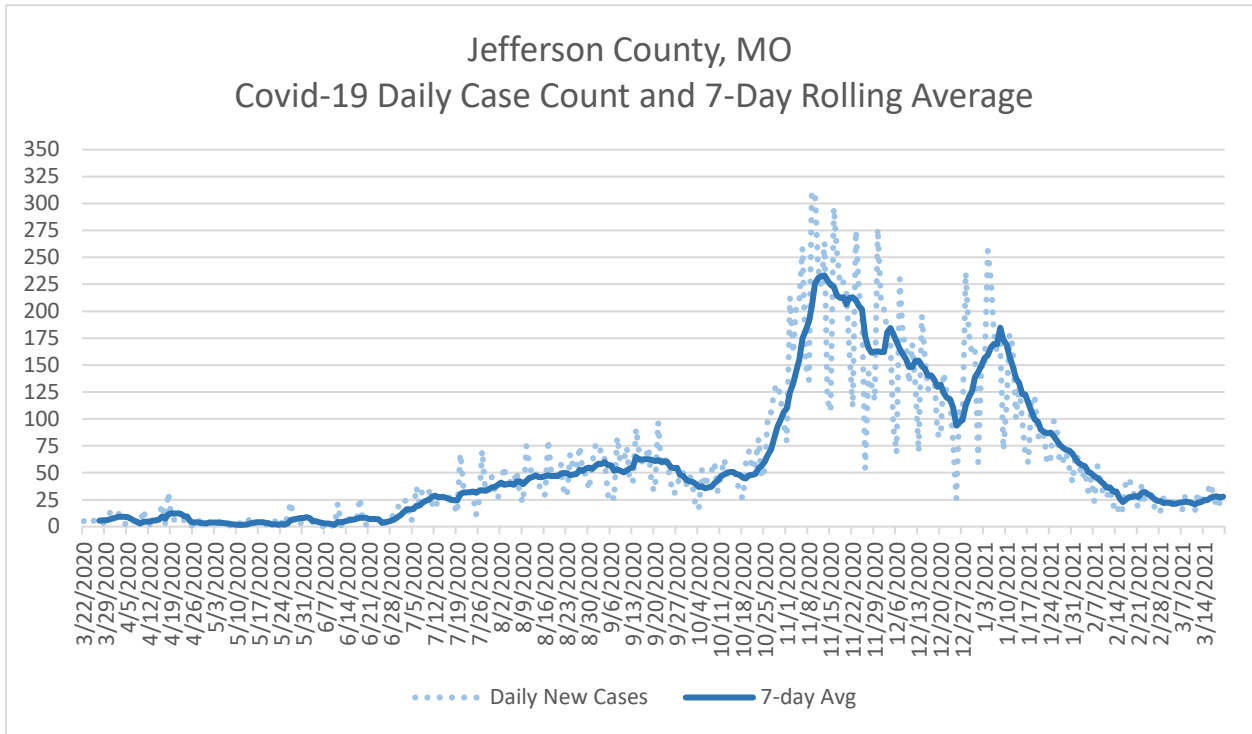


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

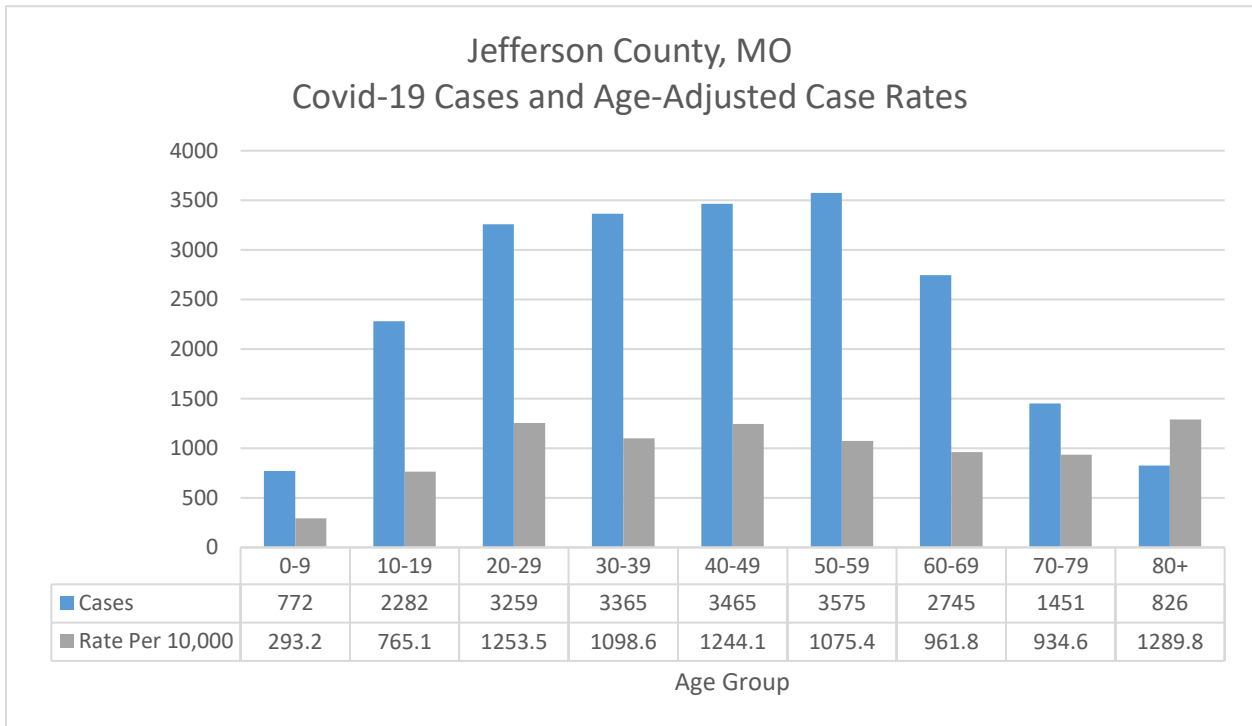


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

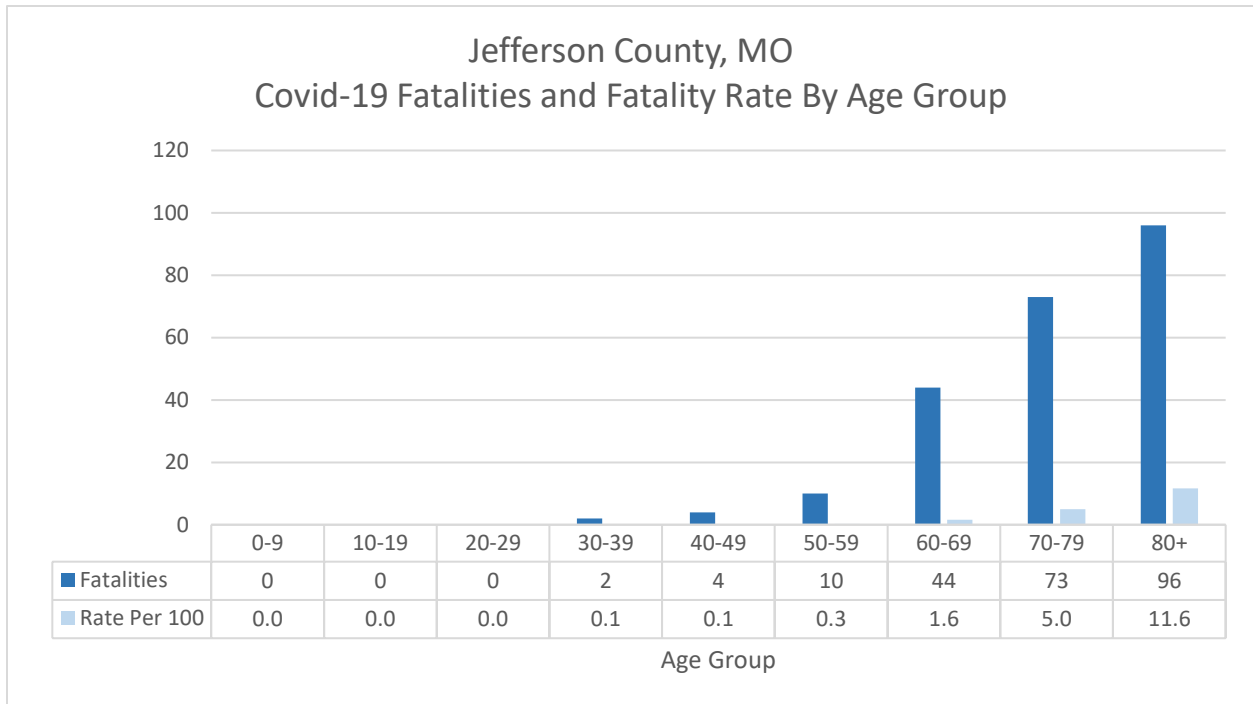


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.05%
Missouri	1.72%
US	1.82%

Figure 6. Covid-19 Cases by Sex, Jefferson County, Missouri

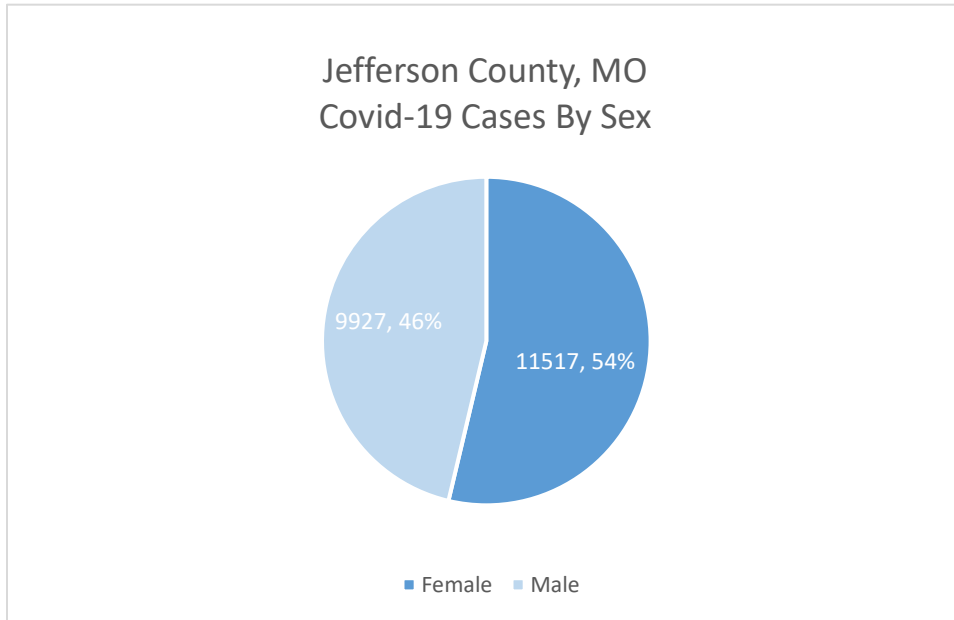


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

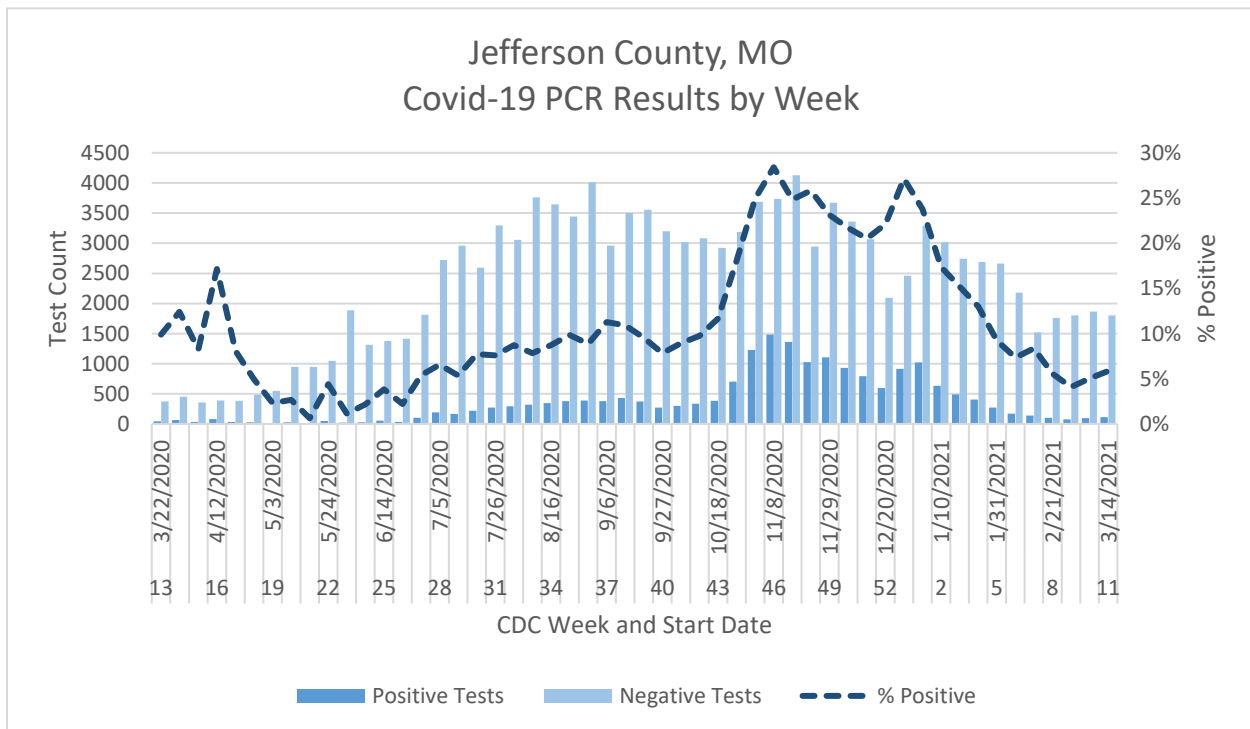


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

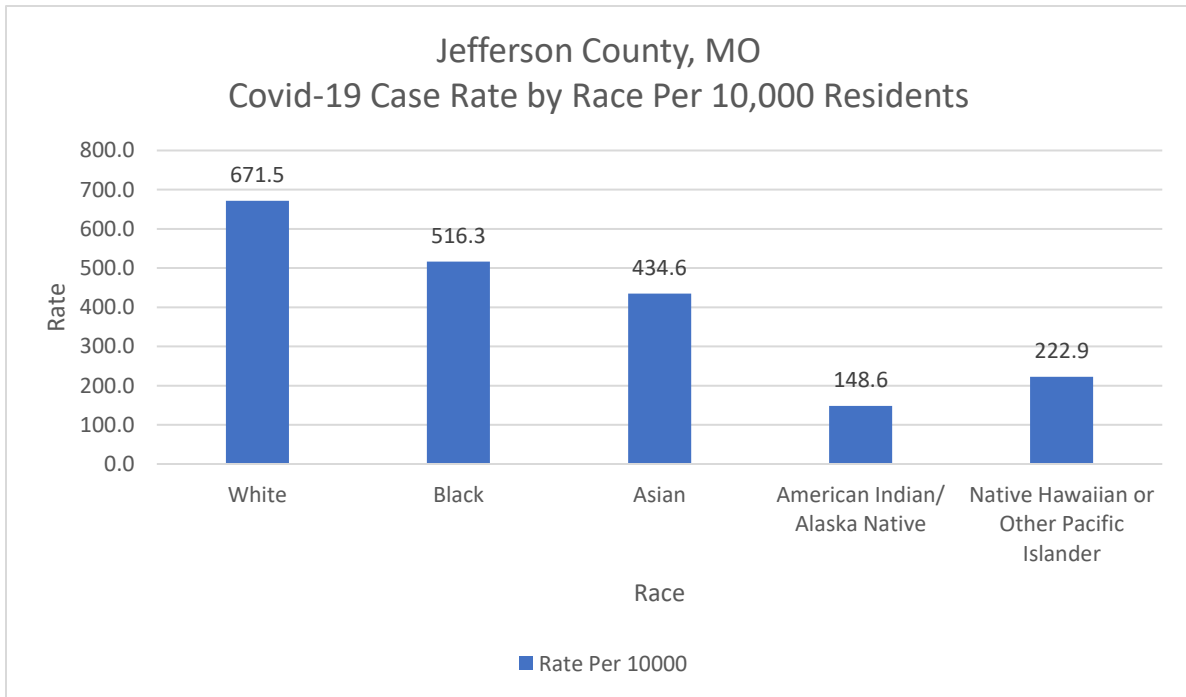
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
22	5/24/2020	48	1045	1093	4.4%
23	5/31/2020	22	1889	1911	1.2%
24	6/7/2020	29	1311	1340	2.2%
25	6/14/2020	55	1377	1432	3.8%
26	6/21/2020	32	1415	1447	2.2%
27	6/28/2020	103	1814	1917	5.4%
28	7/5/2020	191	2721	2912	6.6%
29	7/12/2020	167	2960	3127	5.3%
30	7/19/2020	217	2595	2812	7.7%
31	7/26/2020	270	3292	3562	7.6%
32	8/2/2020	292	3058	3350	8.7%
33	8/9/2020	320	3760	4080	7.8%
34	8/16/2020	348	3645	3993	8.7%
35	8/23/2020	376	3441	3817	9.9%
36	8/30/2020	390	4013	4403	8.9%
37	9/6/2020	376	2961	3337	11.3%
38	9/13/2020	429	3503	3932	10.9%
39	9/20/2020	374	3553	3927	9.5%
40	9/27/2020	272	3199	3471	7.8%
41	10/4/2020	296	3017	3313	8.9%
42	10/11/2020	333	3083	3416	9.7%
43	10/18/2020	386	2924	3310	11.7%
44	10/25/2020	703	3191	3894	18.1%
45	11/1/2020	1227	3690	4917	25.0%
46	11/8/2020	1482	3735	5217	28.4%
47	11/15/2020	1363	4127	5490	24.8%
48	11/22/2020	1026	2945	3971	25.8%
49	11/29/2020	1106	3673	4779	23.1%
50	12/6/2020	930	3360	4290	21.7%
51	12/13/2020	791	3066	3857	20.5%
52	12/20/2020	595	2096	2691	22.1%
53	12/27/2020	917	2463	3380	27.1%
1	1/3/2021	1023	3282	4305	23.8%
2	1/10/2021	634	3018	3652	17.4%
3	1/17/2021	491	2743	3234	15.2%
4	1/24/2021	402	2688	3090	13.0%
5	1/31/2021	271	2664	2935	9.2%
6	2/7/2021	172	2177	2349	7.3%
7	2/14/2021	139	1521	1660	8.4%
8	2/21/2021	104	1759	1863	5.6%
9	2/28/2021	77	1803	1880	4.1%
10	3/7/2021	99	1867	1966	5.0%
11	3/14/2021	112	1802	1914	5.9%

Table 4. Covid-19 Cases and Rate Per 10,000 by Race, Jefferson County, Missouri*

Race	Cases	Rate Per 10000
White	14477	671.5
Black	139	516.3
Asian	78	434.6
American Indian/ Alaska Native	10	148.6
Native Hawaiian or Other Pacific Islander	5	222.9
Unknown	2905	N/A

*Rates calculated using data from the United States Census Bureau for Jefferson County, Missouri (2019)

Figure 8. Covid-19 Case Rate by Race Per 10,000 Residents, Jefferson County, Missouri*



*Case Rates calculated excluding unknown and missing race data.

Figure 9. Covid-19 Cases by Zip Code, Jefferson County, Missouri

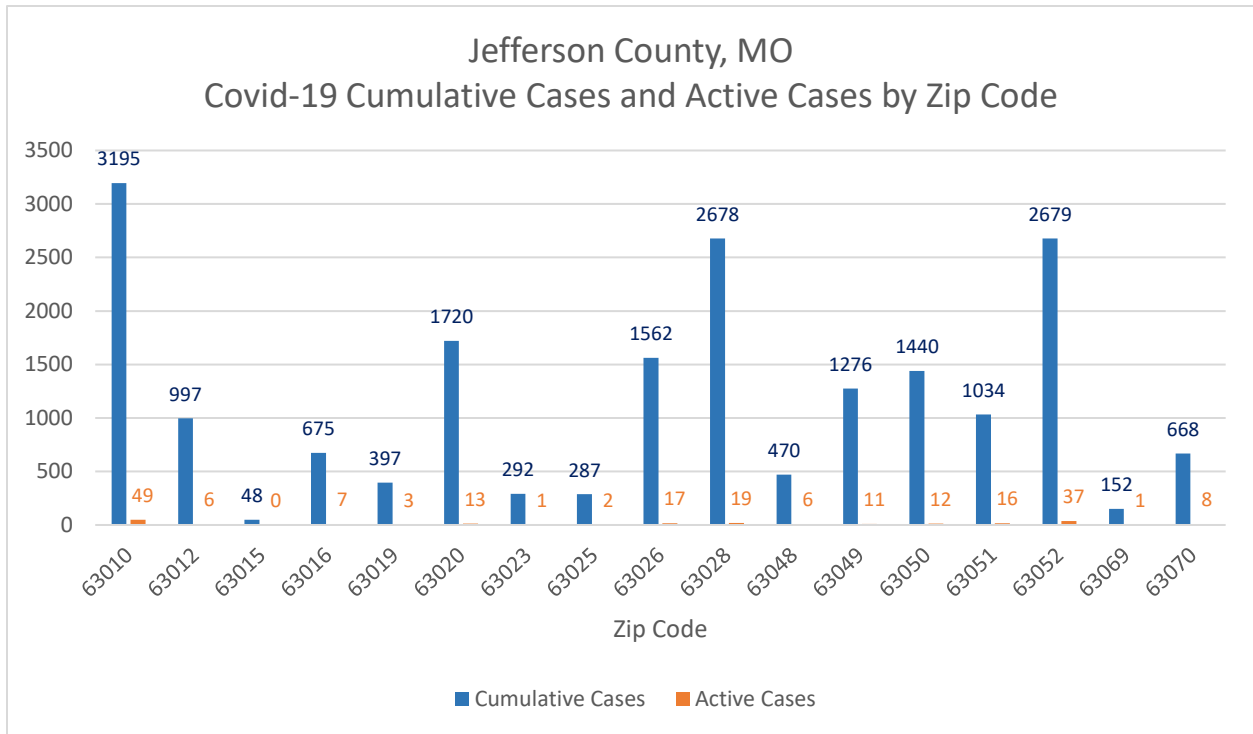
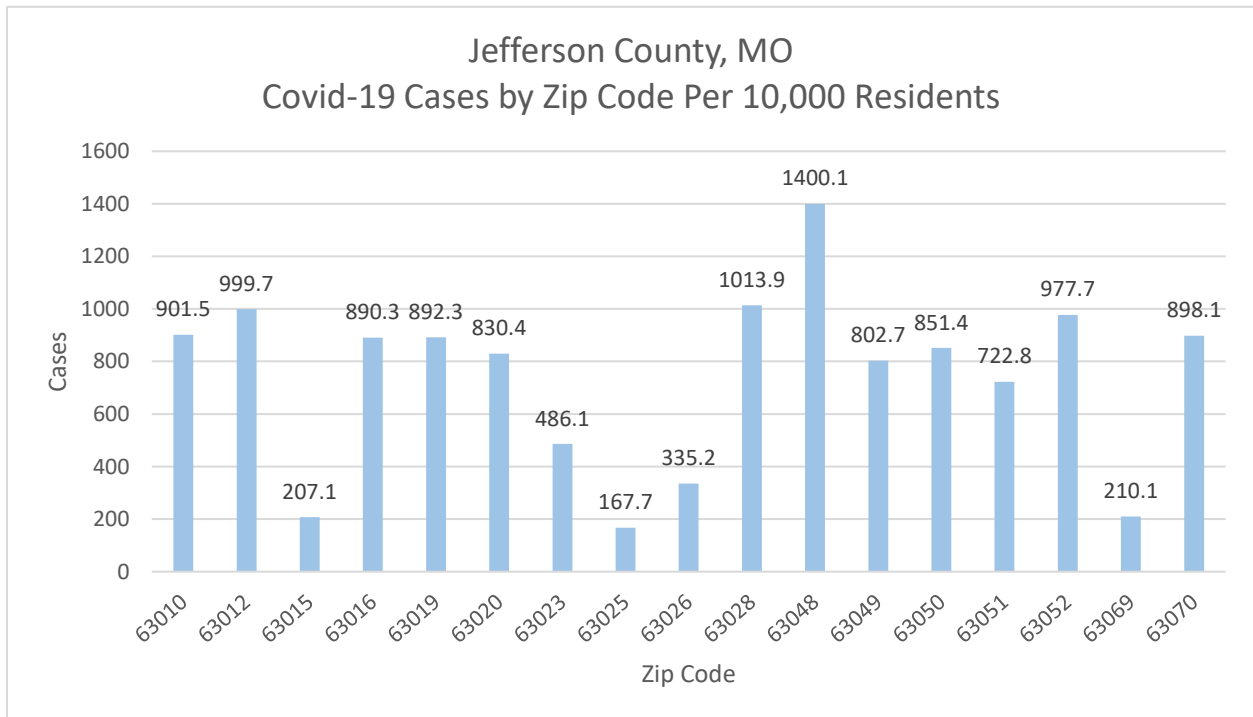


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





Champion positive health outcomes and behaviors through innovative programs and community engagement

Jefferson County, Missouri
Covid-19 Surveillance Report
School Aged Population

Week 11: March 14- March 20

All data are preliminary and may change as more reports are received.

SUMMARY:

- During Week 11 a total of 27 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 2996 confirmed and probable Covid-19 cases have been reported in 0-19 year age group in Jefferson County, Missouri.
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Table 1. Number of Confirmed and Probable Covid-19 Cases by Week,
0-19 Year Age Group,
Jefferson County, Missouri

CDC Week	CDC Week Start Date	Covid-19 Cases	Cumulative Covid-19 Case Total
26	6/21/2020	2	17
27	6/28/2020	18	35
28	7/5/2020	20	55
29	7/12/2020	20	75
30	7/19/2020	21	96
31	7/26/2020	22	118
32	8/2/2020	32	150
33	8/9/2020	31	181
34	8/16/2020	50	231
35	8/23/2020	45	276
36	8/30/2020	56	332
37	9/6/2020	54	386
38	9/13/2020	71	457
39	9/20/2020	46	503
40	9/27/2020	35	538
41	10/4/2020	29	567
42	10/11/2020	31	598
43	10/18/2020	55	653
44	10/25/2020	117	770
45	11/1/2020	173	943
46	11/8/2020	235	1178
47	11/15/2020	207	1385
48	11/22/2020	133	1518
49	11/29/2020	167	1685
50	12/6/2020	171	1856
51	12/13/2020	130	1986
52	12/20/2020	89	2075
53	12/27/2020	143	2218
1	1/3/2021	207	2425
2	1/10/2021	136	2561
3	1/17/2021	73	2634
4	1/24/2021	88	2722
5	1/31/2021	89	2811
6	2/7/2021	29	2840
7	2/14/2021	36	2876
8	2/21/2021	29	2905
9	2/28/2021	31	2936
10	3/7/2021	33	2969
11	3/14/2021	27	2996

Figure 1. Number of Confirmed and Probable Covid-19 Cases by Week, 0-19 Year Age Group, Jefferson County, Missouri

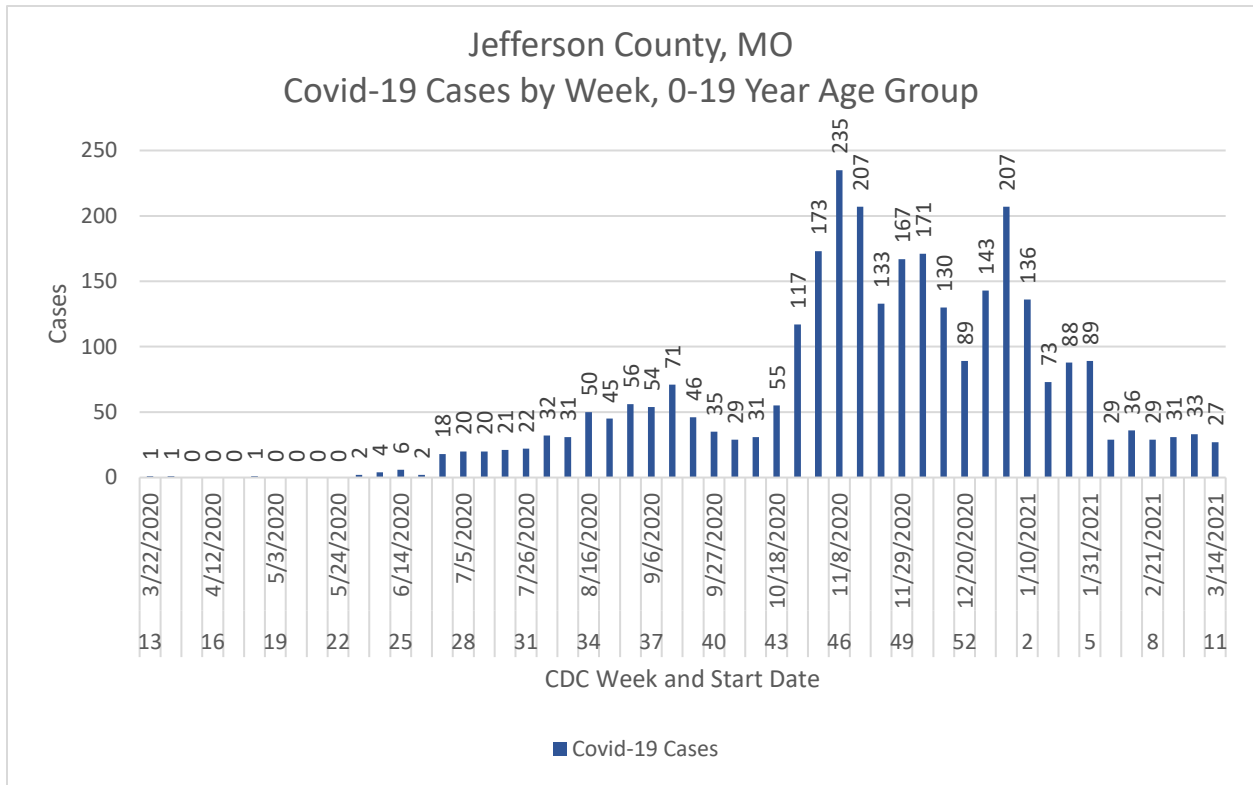


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	772	3.55%
10-19	2,282	10.50%
20+	18,686	85.95%

Figure 2. Covid-19 Cases by Zip Code, 0-19 Year Age Group, Jefferson County, Missouri

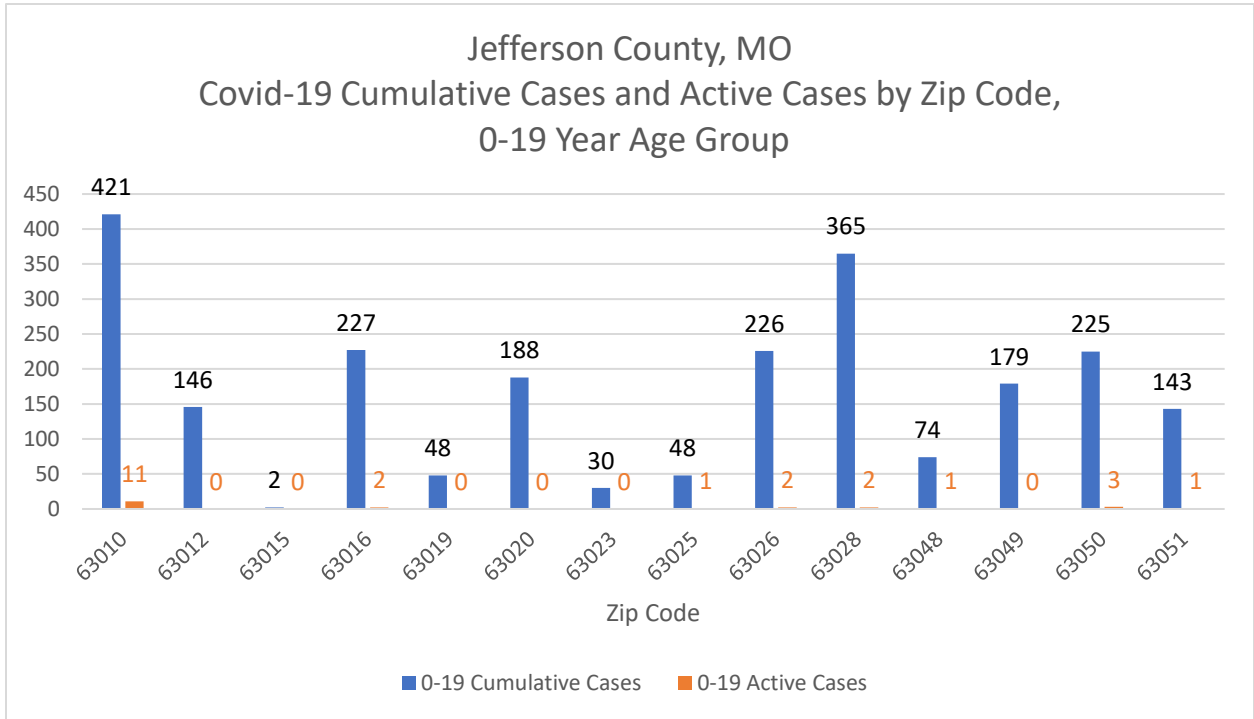


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

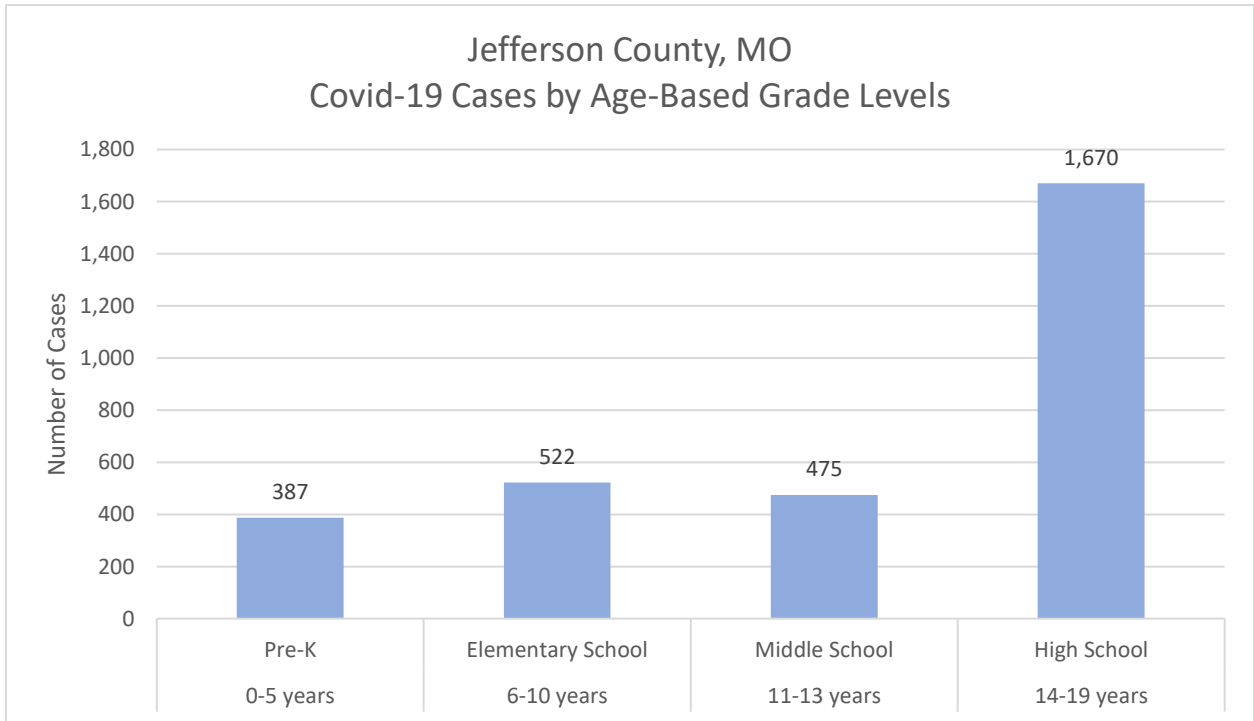


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

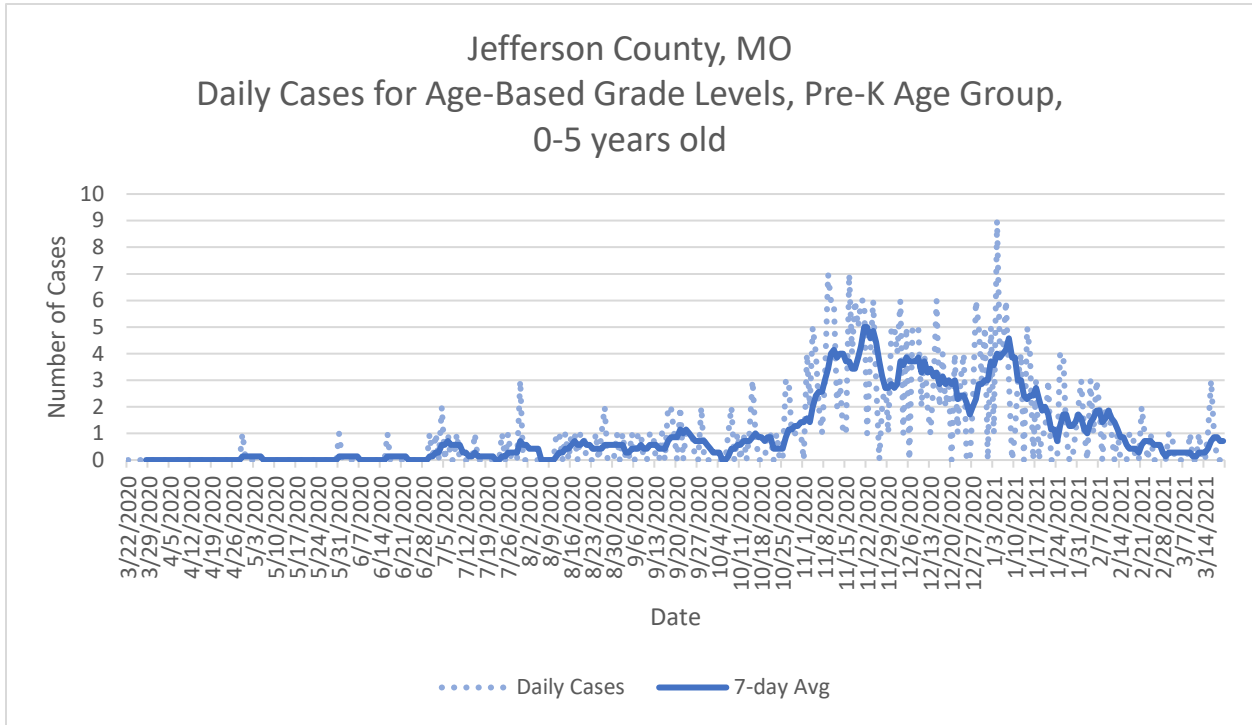


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

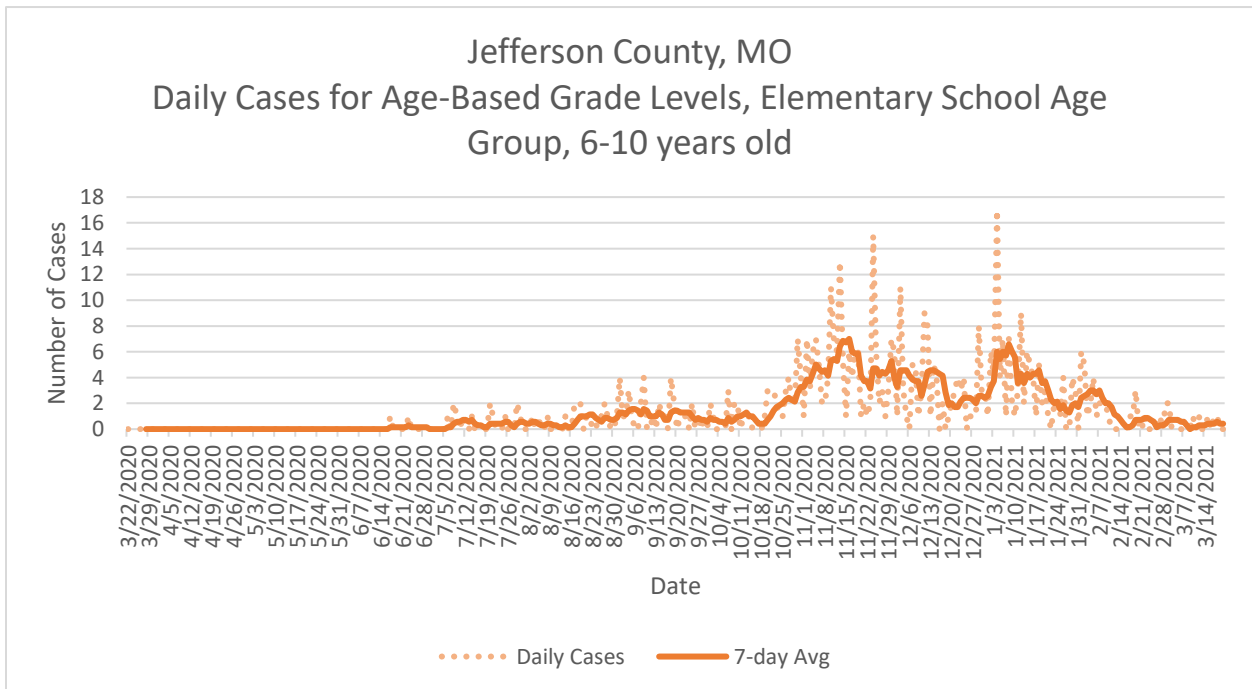


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

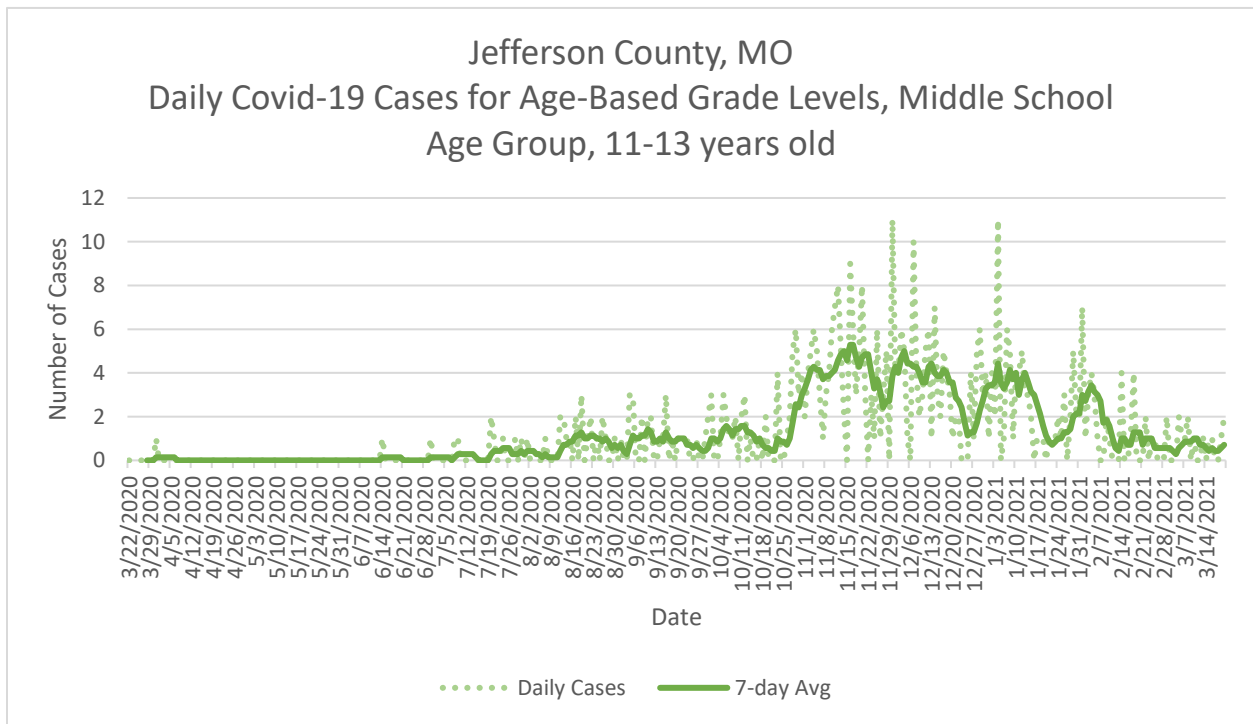


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

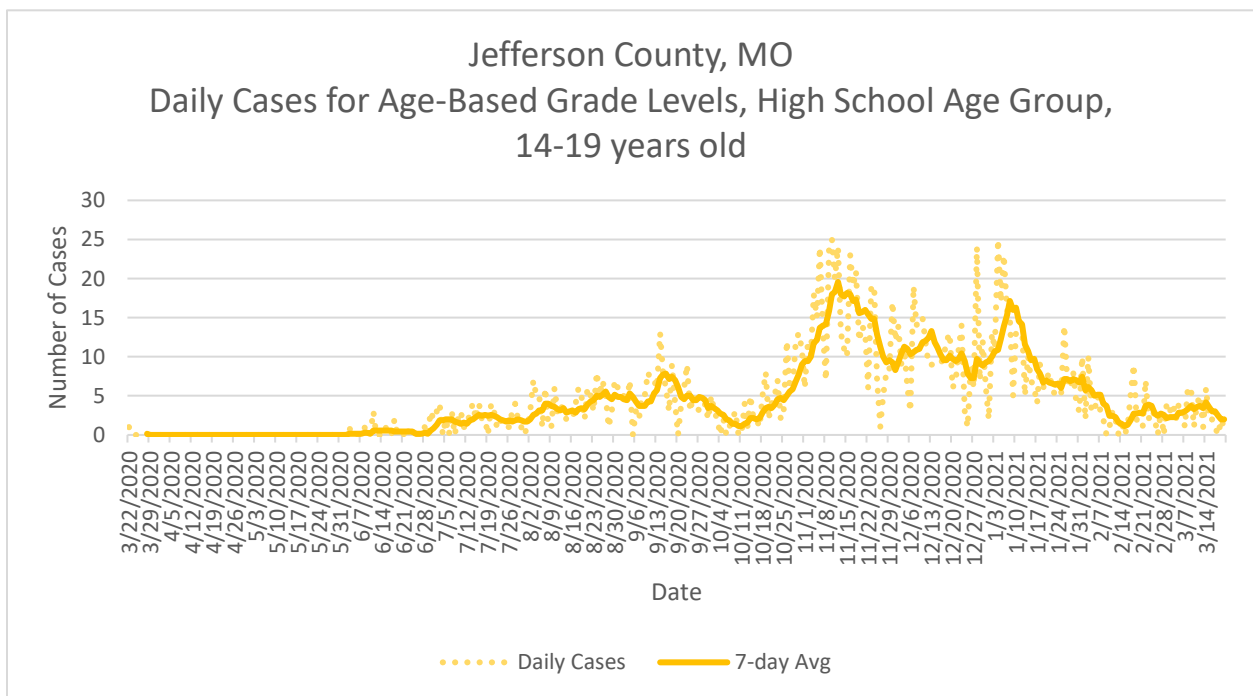


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

