



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 13: March 28- April 3

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

SUMMARY:

- During Week 13 a total of 284 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 22124 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 13.
- Two hundred thirty-three Covid-19 associated deaths have been reported in Jefferson County as of Week 13.
- 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
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	377	3620
38	9/13/2020	434	4054
39	9/20/2020	380	4434
40	9/27/2020	278	4712
41	10/4/2020	298	5010
42	10/11/2020	337	5347
43	10/18/2020	396	5743
44	10/25/2020	742	6485
45	11/1/2020	1275	7760
46	11/8/2020	1601	9361
47	11/15/2020	1488	10849
48	11/22/2020	1131	11980
49	11/29/2020	1252	13232
50	12/6/2020	1078	14310
51	12/13/2020	909	15219
52	12/20/2020	679	15898
53	12/27/2020	1044	16942
1	1/3/2021	1215	18157
2	1/10/2021	857	19014
3	1/17/2021	607	19621
4	1/24/2021	496	20117
5	1/31/2021	345	20462
6	2/7/2021	230	20692
7	2/14/2021	198	20890
8	2/21/2021	168	21058
9	2/28/2021	155	21213
10	3/7/2021	160	21373
11	3/14/2021	201	21574
12	3/21/2021	266	21840
13	3/28/2021	284	22124

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

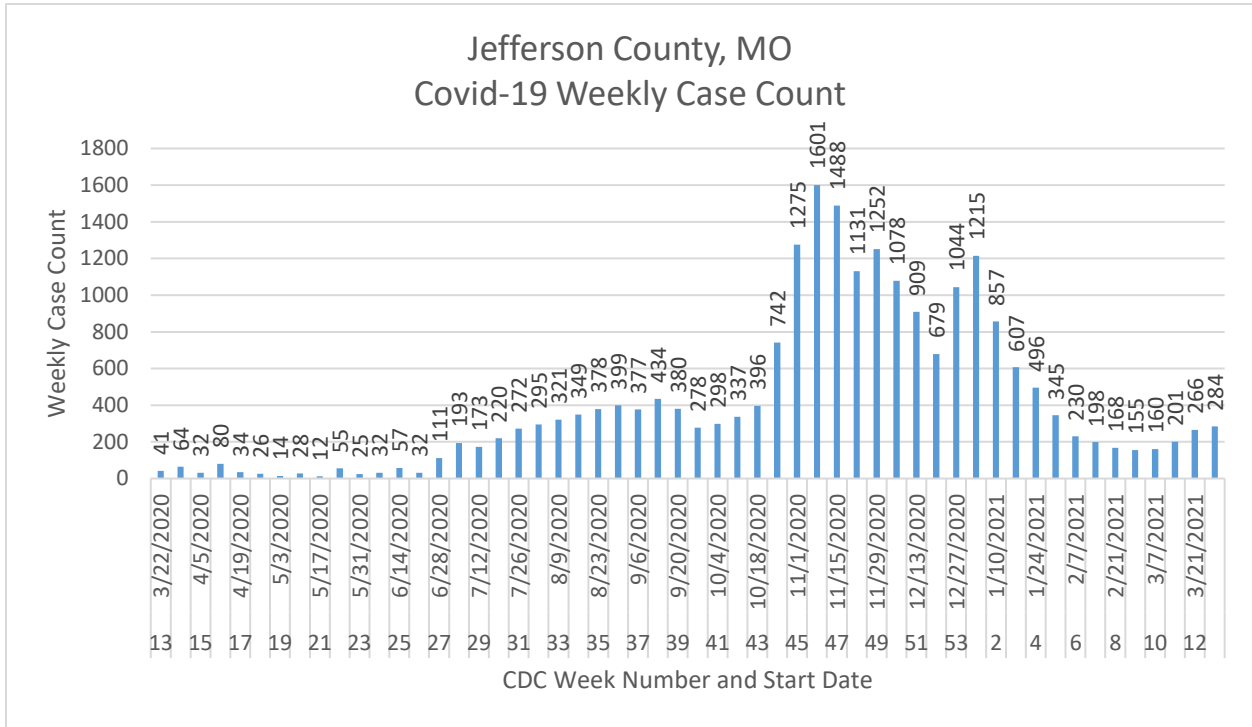


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

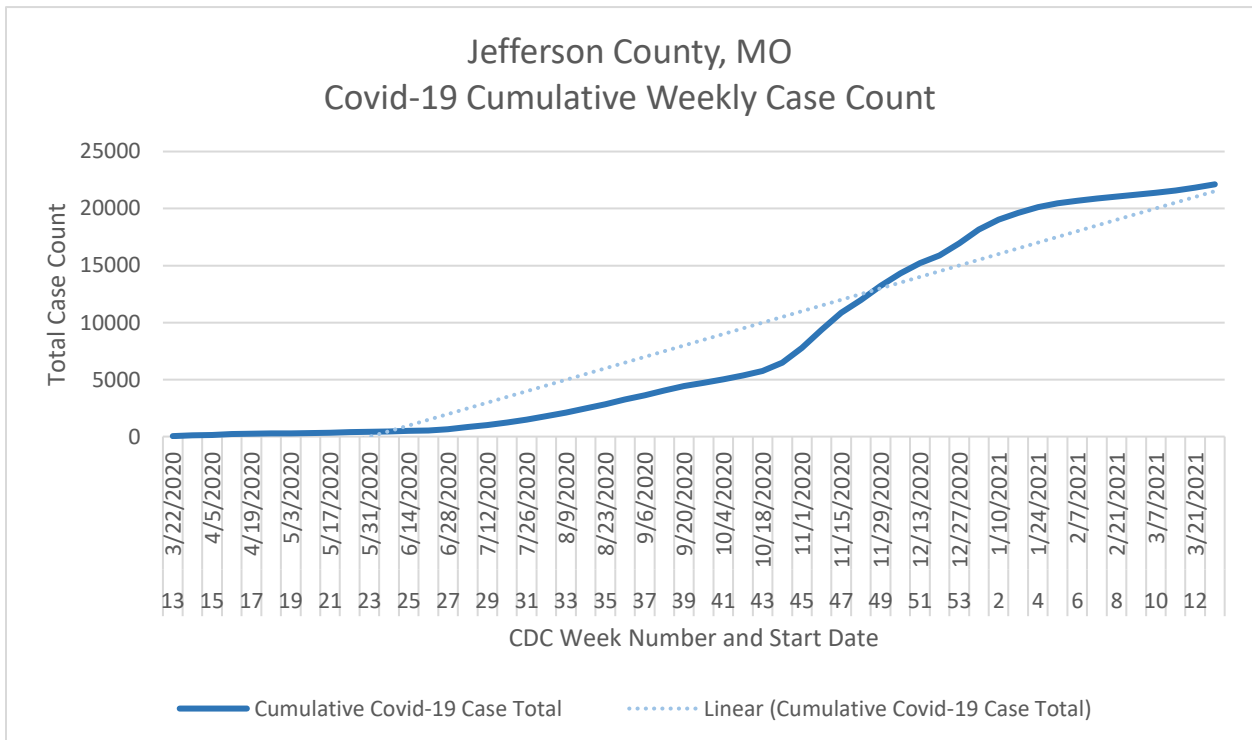


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

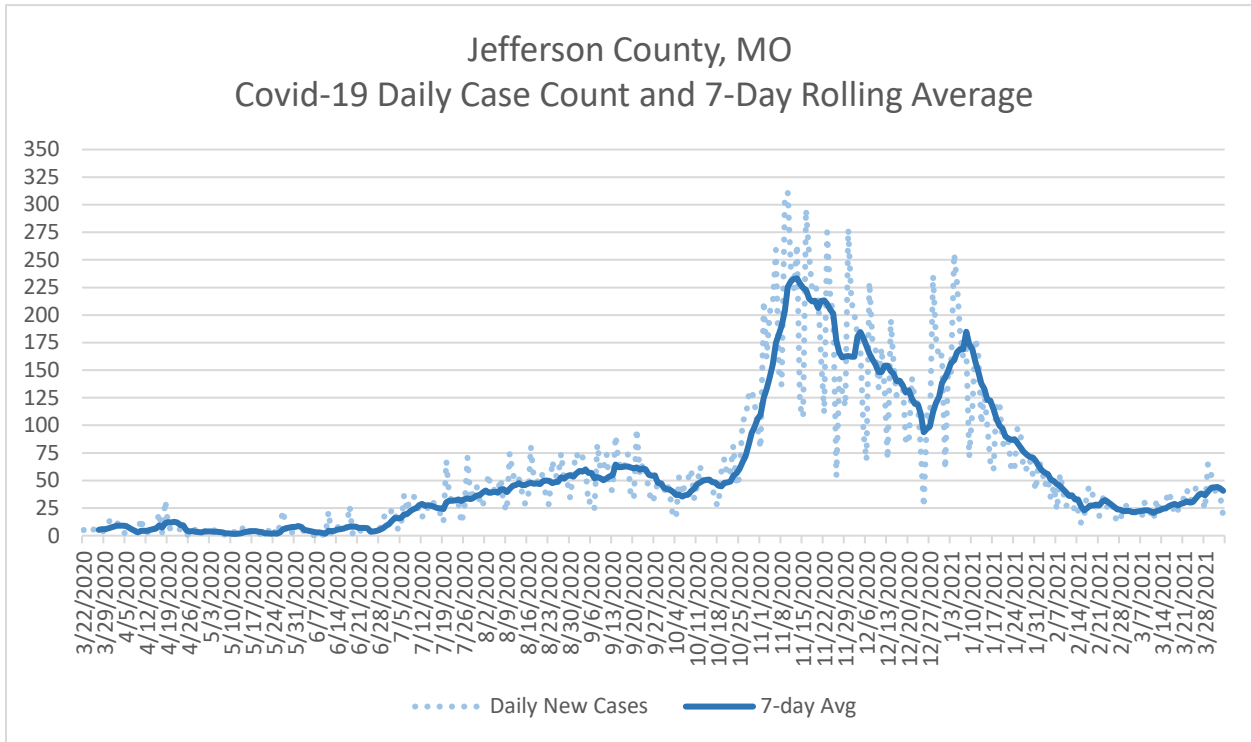


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

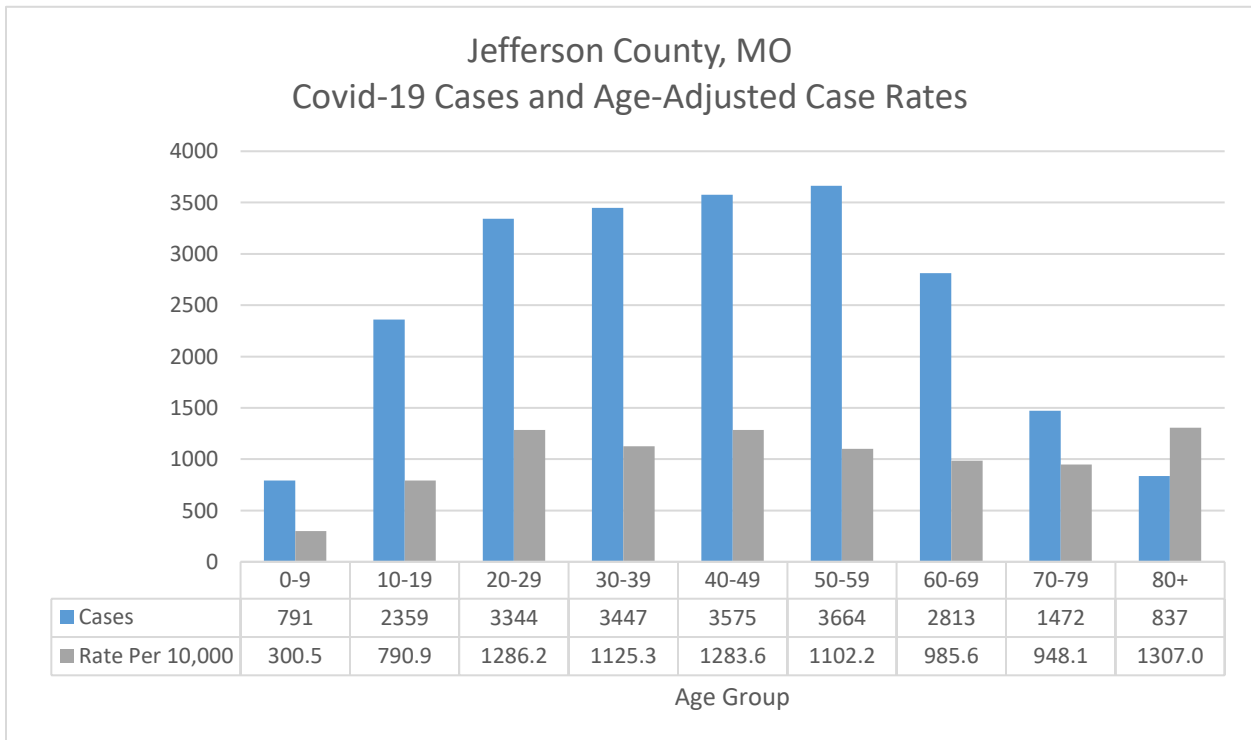


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

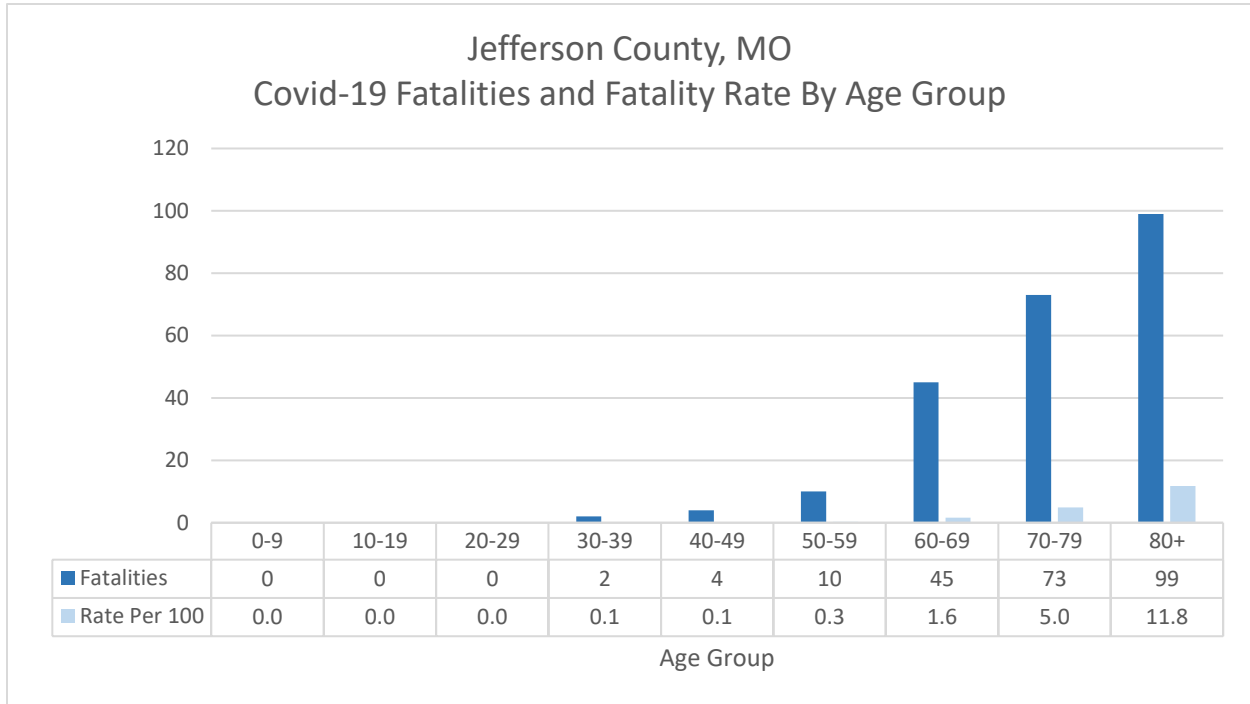


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.04%
Missouri	1.73%
US	1.81%

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

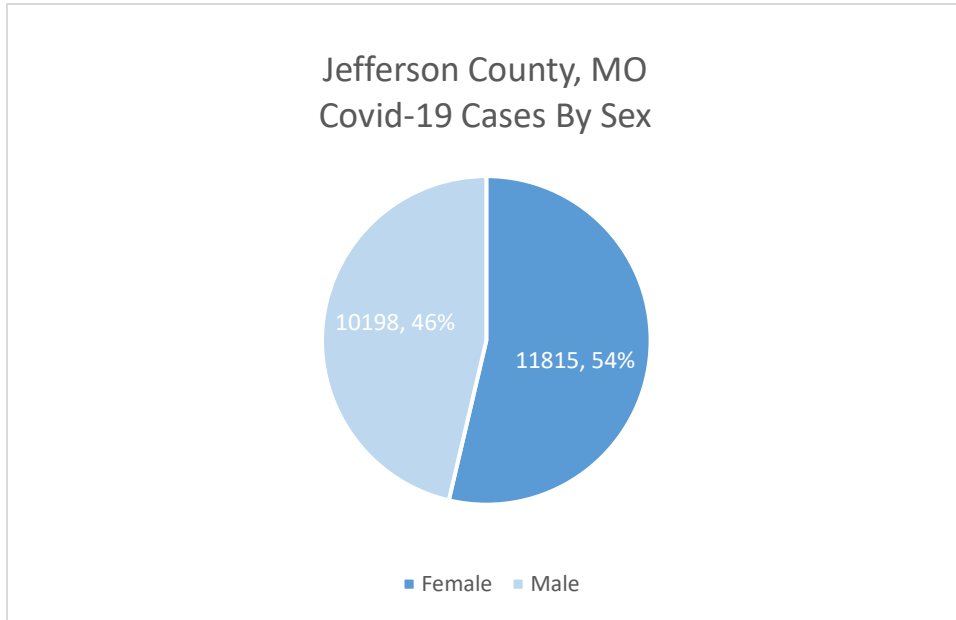


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

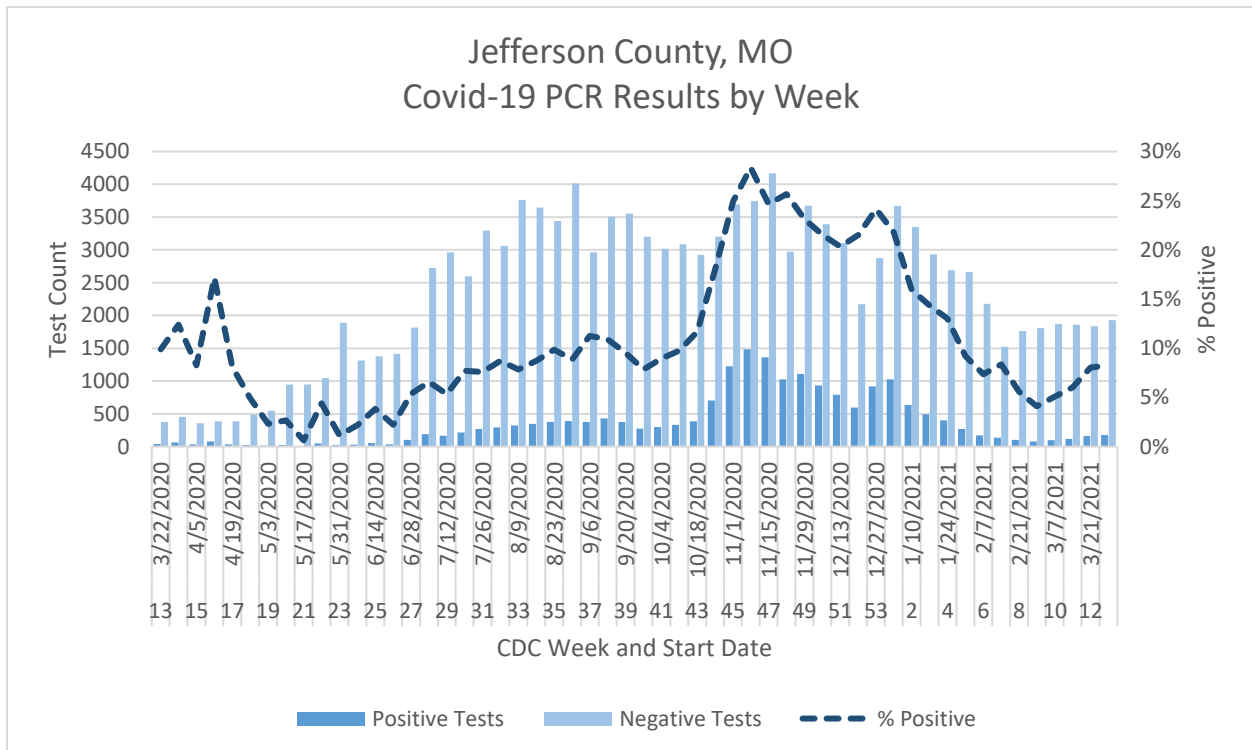


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

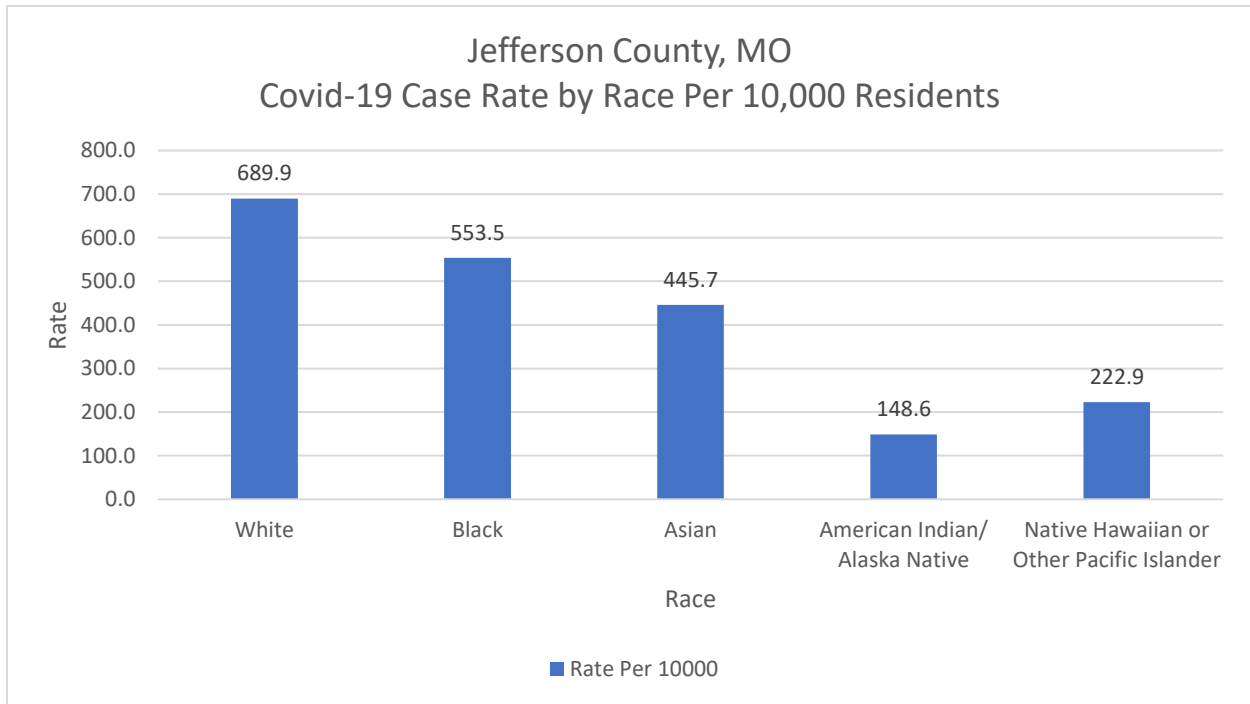
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
24	6/7/2020	29	1311	1340	2.2%
25	6/14/2020	55	1377	1432	3.8%
26	6/21/2020	32	1415	1447	2.2%
27	6/28/2020	103	1814	1917	5.4%
28	7/5/2020	191	2721	2912	6.6%
29	7/12/2020	167	2961	3128	5.3%
30	7/19/2020	217	2595	2812	7.7%
31	7/26/2020	270	3293	3563	7.6%
32	8/2/2020	292	3058	3350	8.7%
33	8/9/2020	320	3764	4084	7.8%
34	8/16/2020	348	3645	3993	8.7%
35	8/23/2020	376	3442	3818	9.8%
36	8/30/2020	390	4013	4403	8.9%
37	9/6/2020	375	2961	3336	11.2%
38	9/13/2020	429	3504	3933	10.9%
39	9/20/2020	374	3553	3927	9.5%
40	9/27/2020	272	3201	3473	7.8%
41	10/4/2020	296	3017	3313	8.9%
42	10/11/2020	333	3083	3416	9.7%
43	10/18/2020	387	2924	3311	11.7%
44	10/25/2020	703	3200	3903	18.0%
45	11/1/2020	1227	3694	4921	24.9%
46	11/8/2020	1482	3743	5225	28.4%
47	11/15/2020	1364	4168	5532	24.7%
48	11/22/2020	1026	2971	3997	25.7%
49	11/29/2020	1107	3676	4783	23.1%
50	12/6/2020	931	3392	4323	21.5%
51	12/13/2020	793	3104	3897	20.3%
52	12/20/2020	595	2170	2765	21.5%
53	12/27/2020	916	2876	3792	24.2%
1	1/3/2021	1023	3668	4691	21.8%
2	1/10/2021	634	3346	3980	15.9%
3	1/17/2021	491	2934	3425	14.3%
4	1/24/2021	402	2690	3092	13.0%
5	1/31/2021	270	2664	2934	9.2%
6	2/7/2021	173	2177	2350	7.4%
7	2/14/2021	139	1521	1660	8.4%
8	2/21/2021	104	1760	1864	5.6%
9	2/28/2021	77	1805	1882	4.1%
10	3/7/2021	100	1868	1968	5.1%
11	3/14/2021	119	1859	1978	6.0%
12	3/21/2021	160	1834	1994	8.0%
13	3/28/2021	174	1928	2102	8.3%

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

Race	Cases	Rate Per 10000
White	14874	689.9
Black	149	553.5
Asian	80	445.7
American Indian/ Alaska Native	10	148.6
Native Hawaiian or Other Pacific Islander	5	222.9
Unknown	3003	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

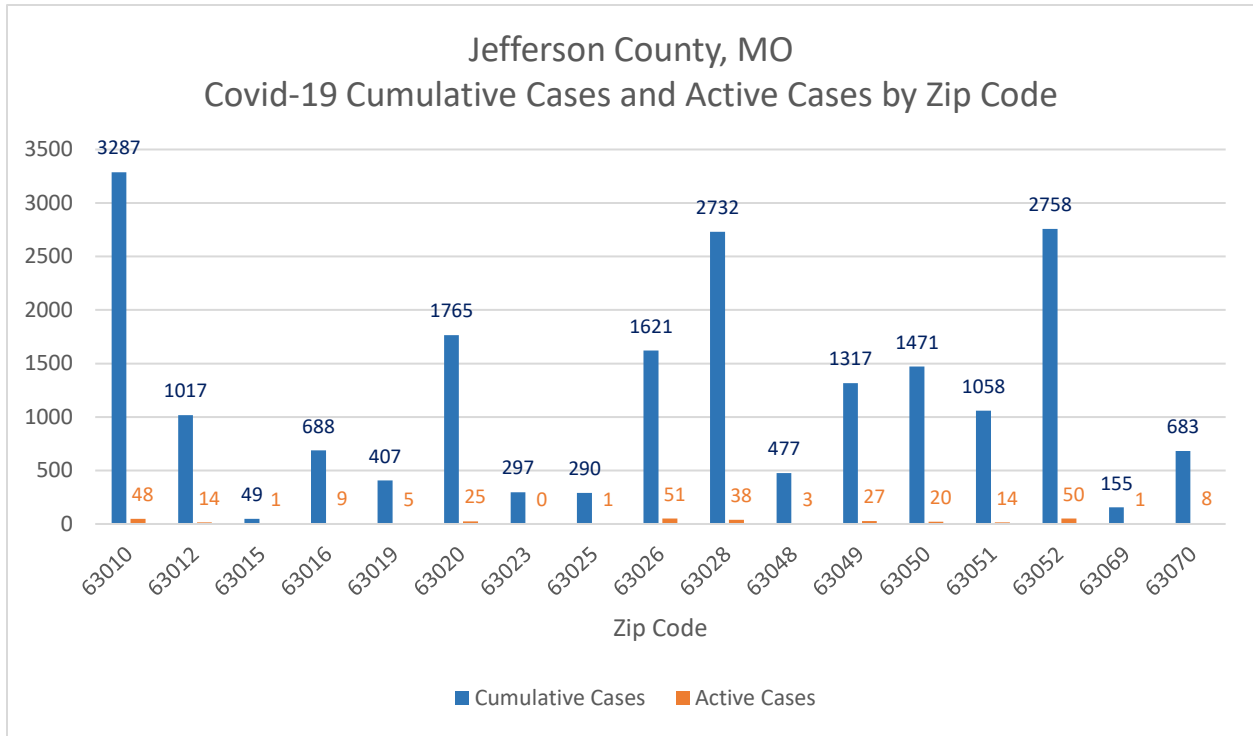
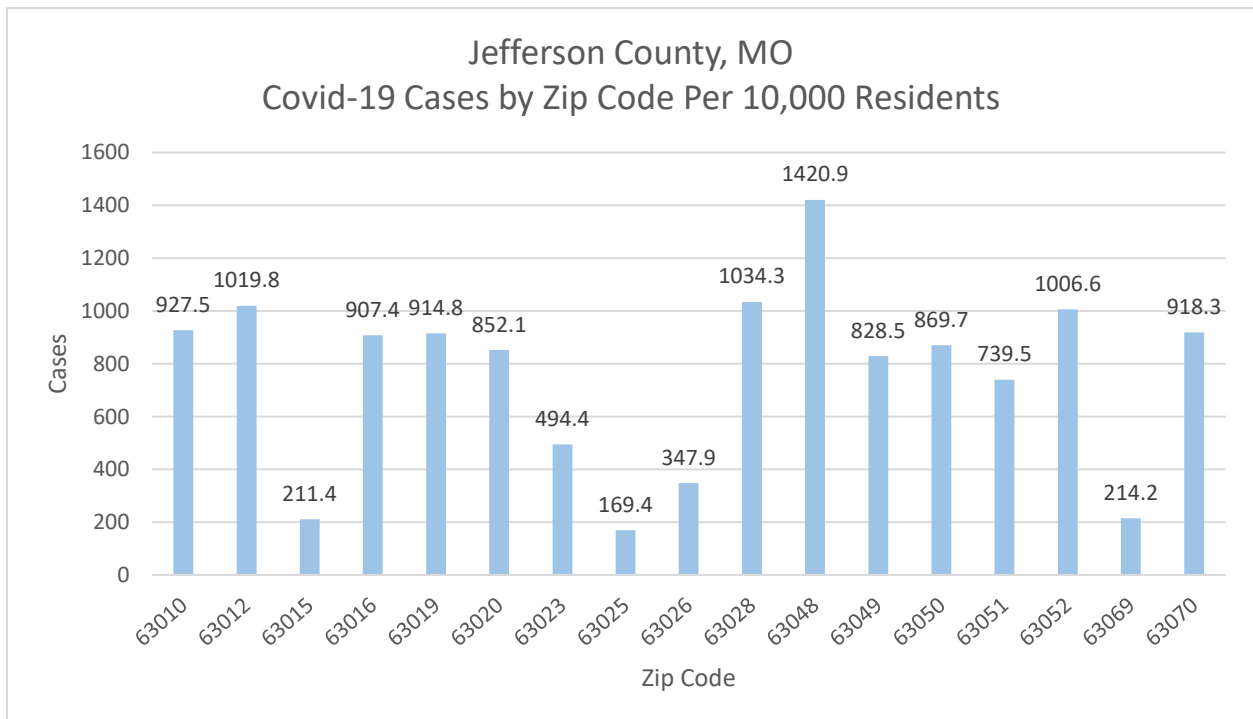


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 13: March 28- April 3

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

SUMMARY:

- During Week 13 a total of 60 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3092 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
28	7/5/2020	20	54
29	7/12/2020	19	73
30	7/19/2020	21	94
31	7/26/2020	22	116
32	8/2/2020	31	147
33	8/9/2020	31	178
34	8/16/2020	47	225
35	8/23/2020	45	270
36	8/30/2020	55	325
37	9/6/2020	54	379
38	9/13/2020	71	450
39	9/20/2020	46	496
40	9/27/2020	35	531
41	10/4/2020	29	560
42	10/11/2020	31	591
43	10/18/2020	54	645
44	10/25/2020	117	762
45	11/1/2020	171	933
46	11/8/2020	234	1167
47	11/15/2020	206	1373
48	11/22/2020	133	1506
49	11/29/2020	166	1672
50	12/6/2020	171	1843
51	12/13/2020	130	1973
52	12/20/2020	88	2061
53	12/27/2020	143	2204
1	1/3/2021	206	2410
2	1/10/2021	136	2546
3	1/17/2021	74	2620
4	1/24/2021	88	2708
5	1/31/2021	89	2797
6	2/7/2021	29	2826
7	2/14/2021	36	2862
8	2/21/2021	29	2891
9	2/28/2021	31	2922
10	3/7/2021	33	2955
11	3/14/2021	31	2986
12	3/21/2021	46	3032
13	3/28/2021	60	3092

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

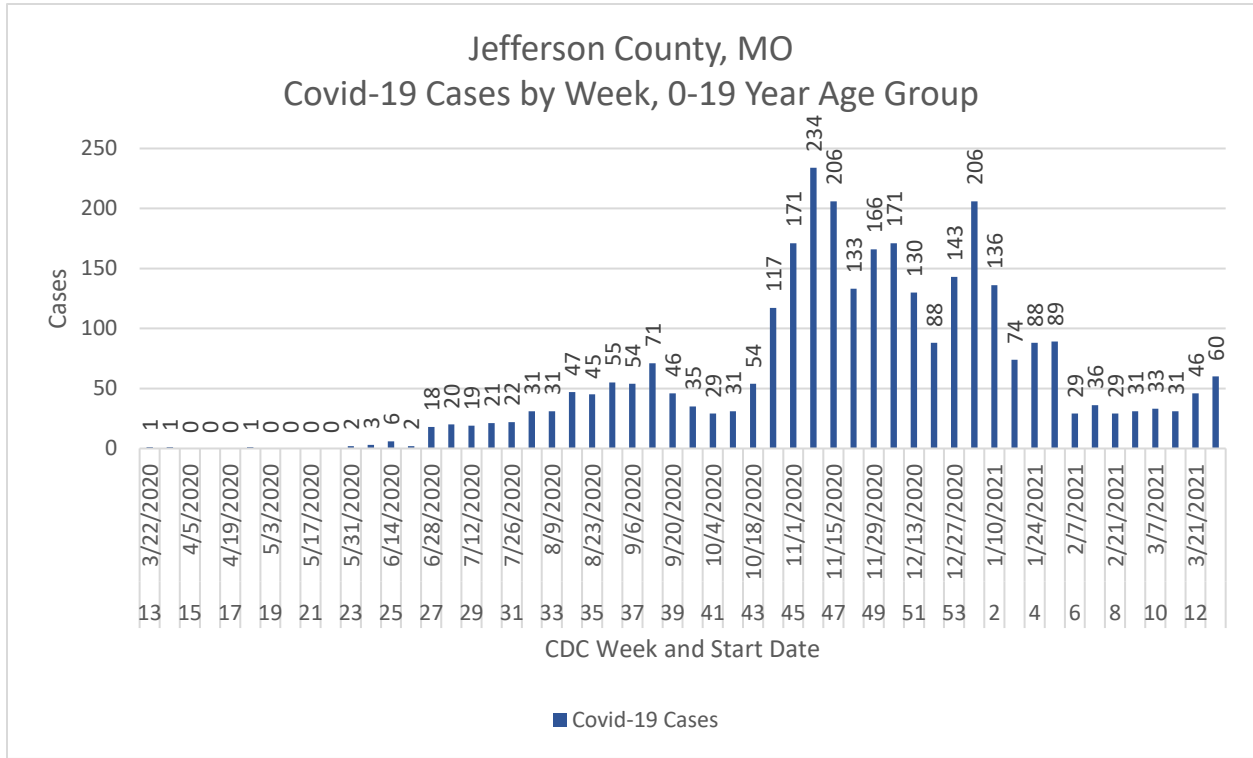


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	791	3.55%
10-19	2,359	10.58%
20+	19,152	85.88%

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

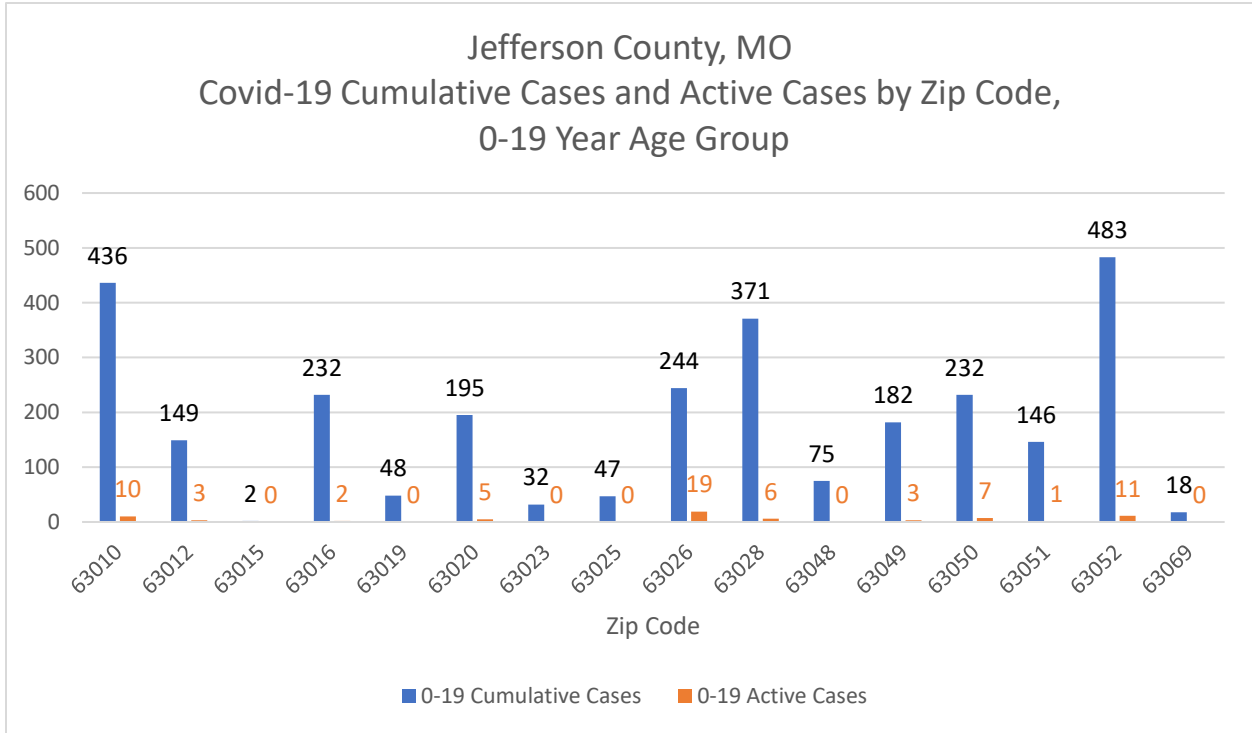


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

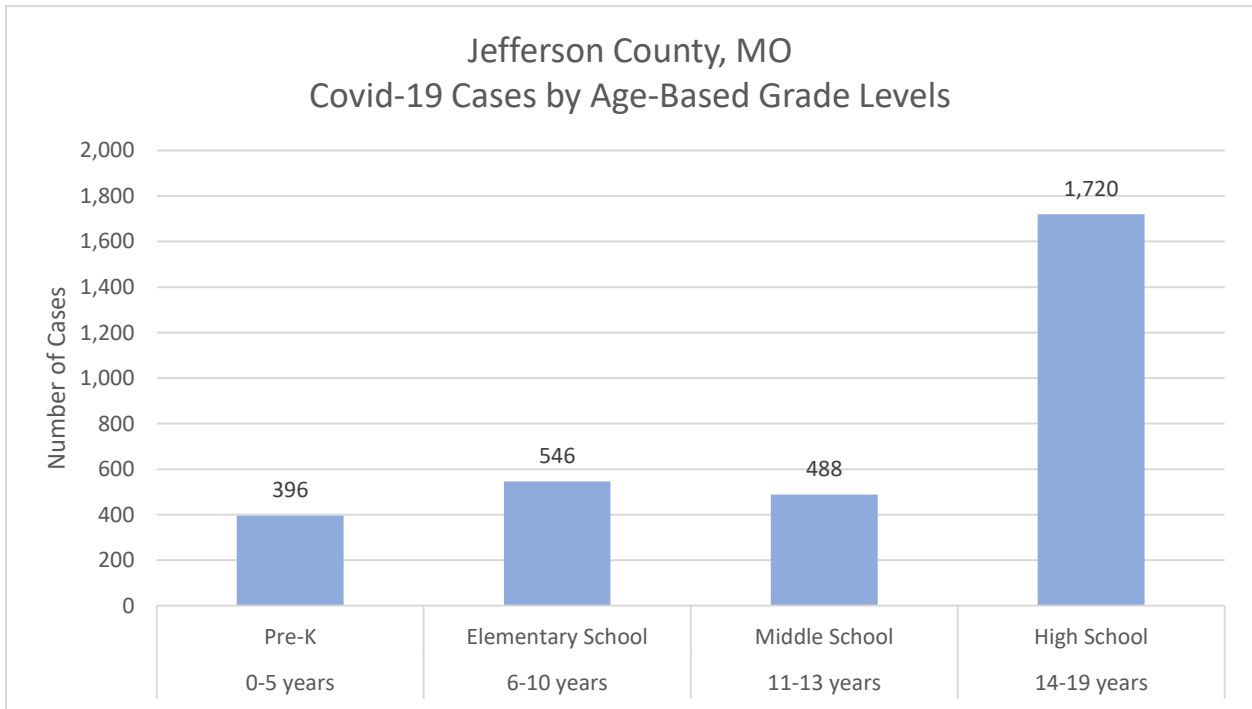


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

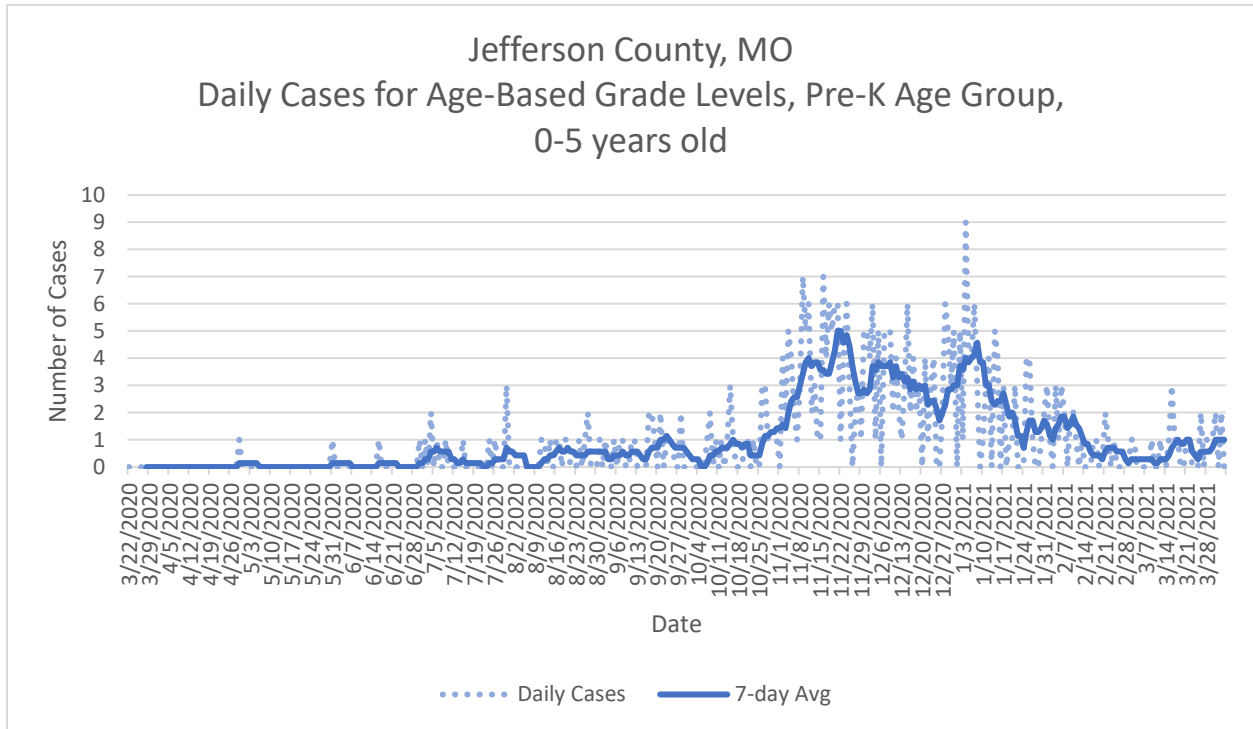


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

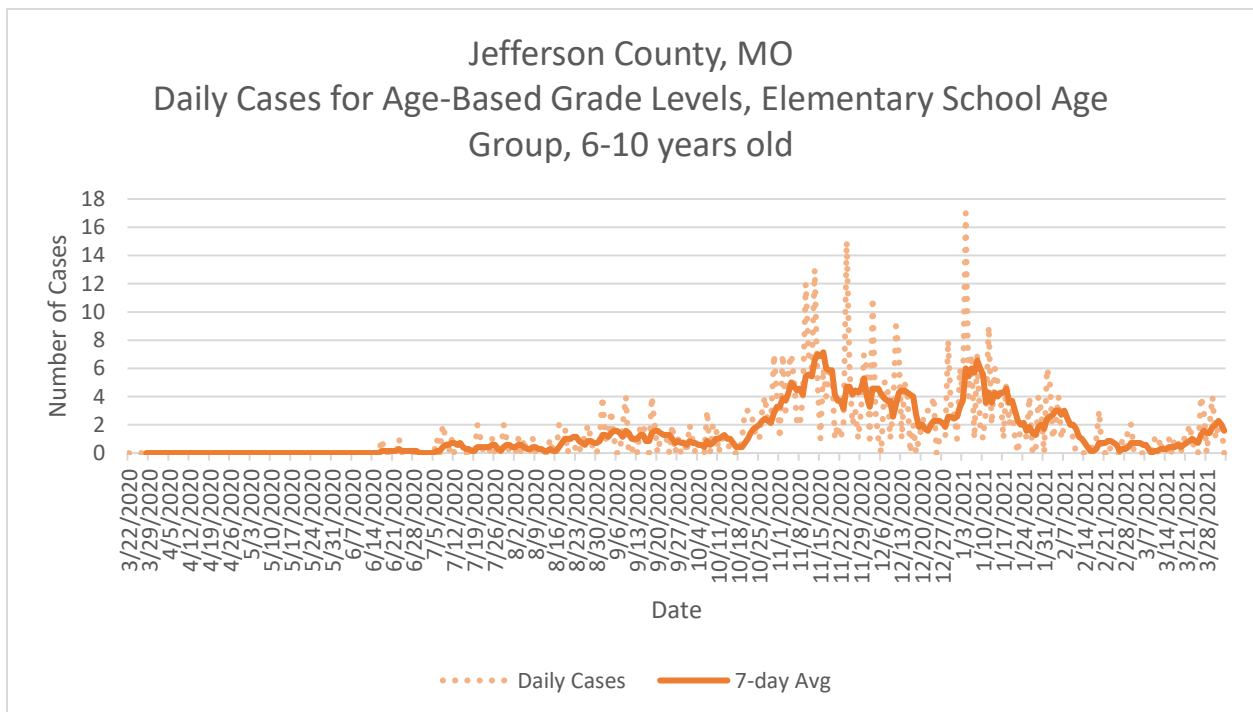


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

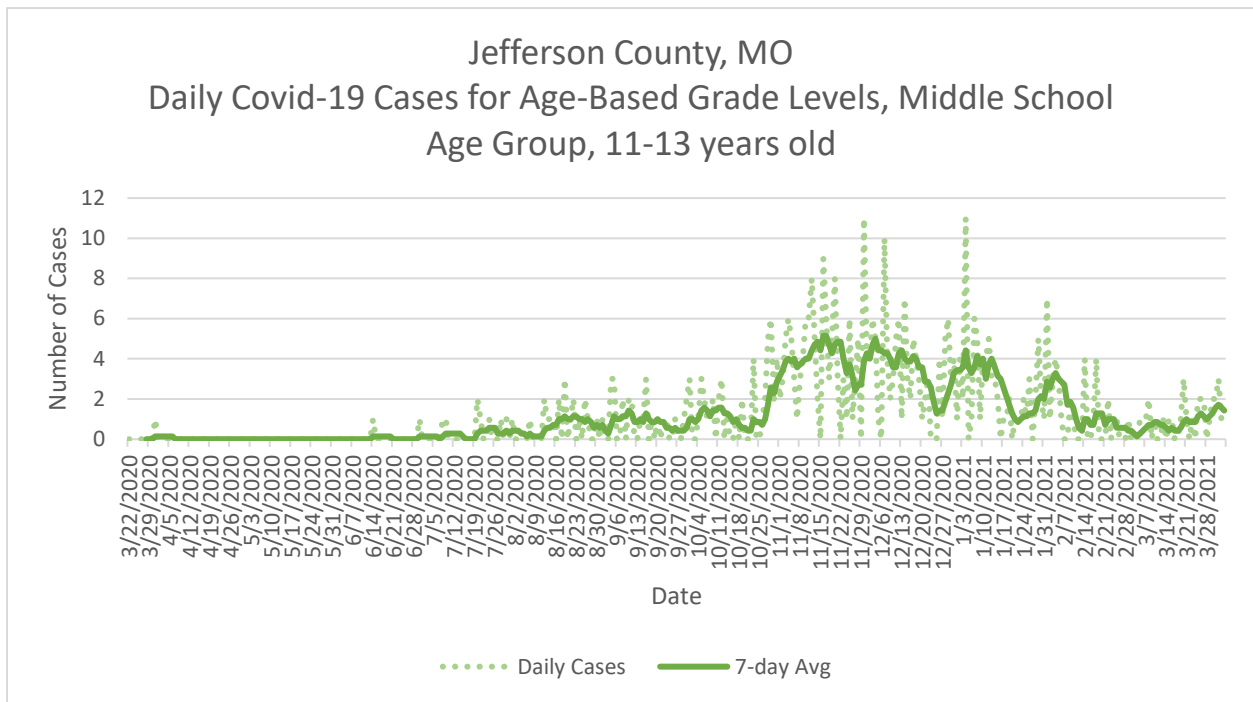


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

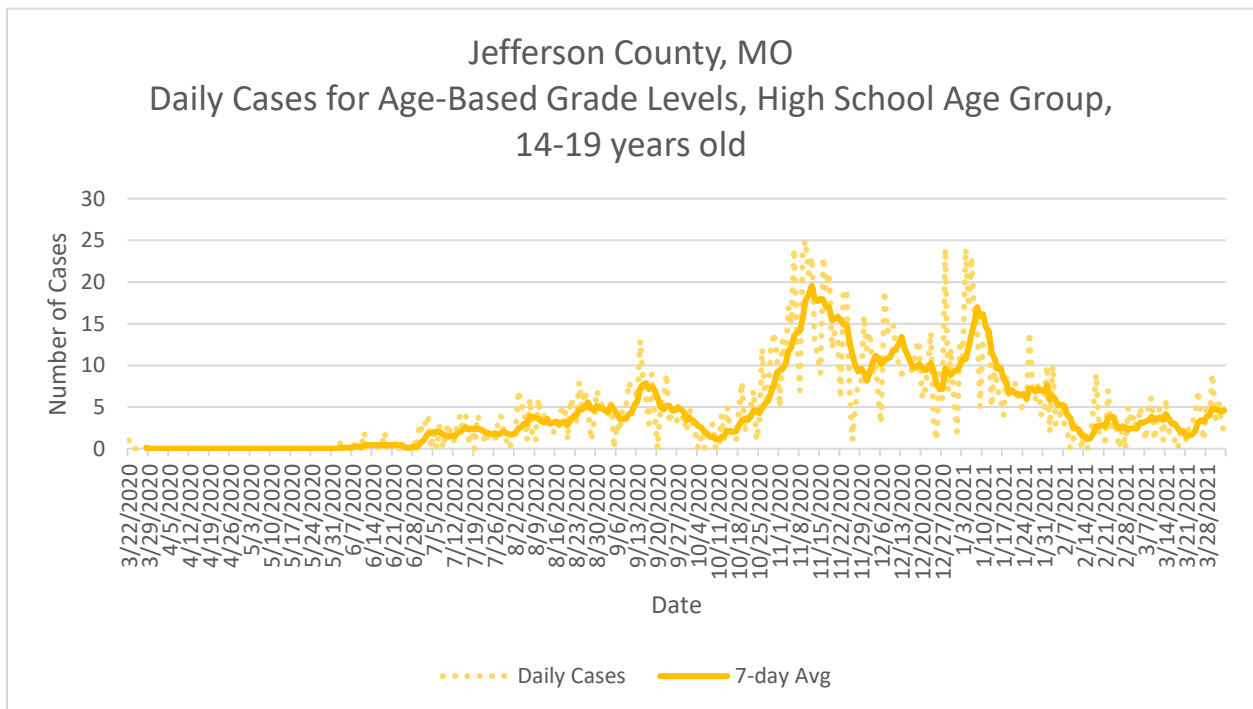


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

