



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 12: March 21- March 27

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

SUMMARY:

- During Week 12 a total of 255 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 21821 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 12.
- Two hundred thirty-one Covid-19 associated deaths have been reported in Jefferson County as of Week 12.
- 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
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	219	1228
31	7/26/2020	271	1499
32	8/2/2020	295	1794
33	8/9/2020	321	2115
34	8/16/2020	349	2464
35	8/23/2020	378	2842
36	8/30/2020	399	3241
37	9/6/2020	377	3618
38	9/13/2020	434	4052
39	9/20/2020	380	4432
40	9/27/2020	278	4710
41	10/4/2020	298	5008
42	10/11/2020	336	5344
43	10/18/2020	394	5738
44	10/25/2020	742	6480
45	11/1/2020	1275	7755
46	11/8/2020	1601	9356
47	11/15/2020	1488	10844
48	11/22/2020	1131	11975
49	11/29/2020	1252	13227
50	12/6/2020	1078	14305
51	12/13/2020	909	15214
52	12/20/2020	679	15893
53	12/27/2020	1045	16938
1	1/3/2021	1215	18153
2	1/10/2021	857	19010
3	1/17/2021	607	19617
4	1/24/2021	495	20112
5	1/31/2021	345	20457
6	2/7/2021	229	20686
7	2/14/2021	198	20884
8	2/21/2021	168	21052
9	2/28/2021	155	21207
10	3/7/2021	159	21366
11	3/14/2021	200	21566
12	3/21/2021	255	21821

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

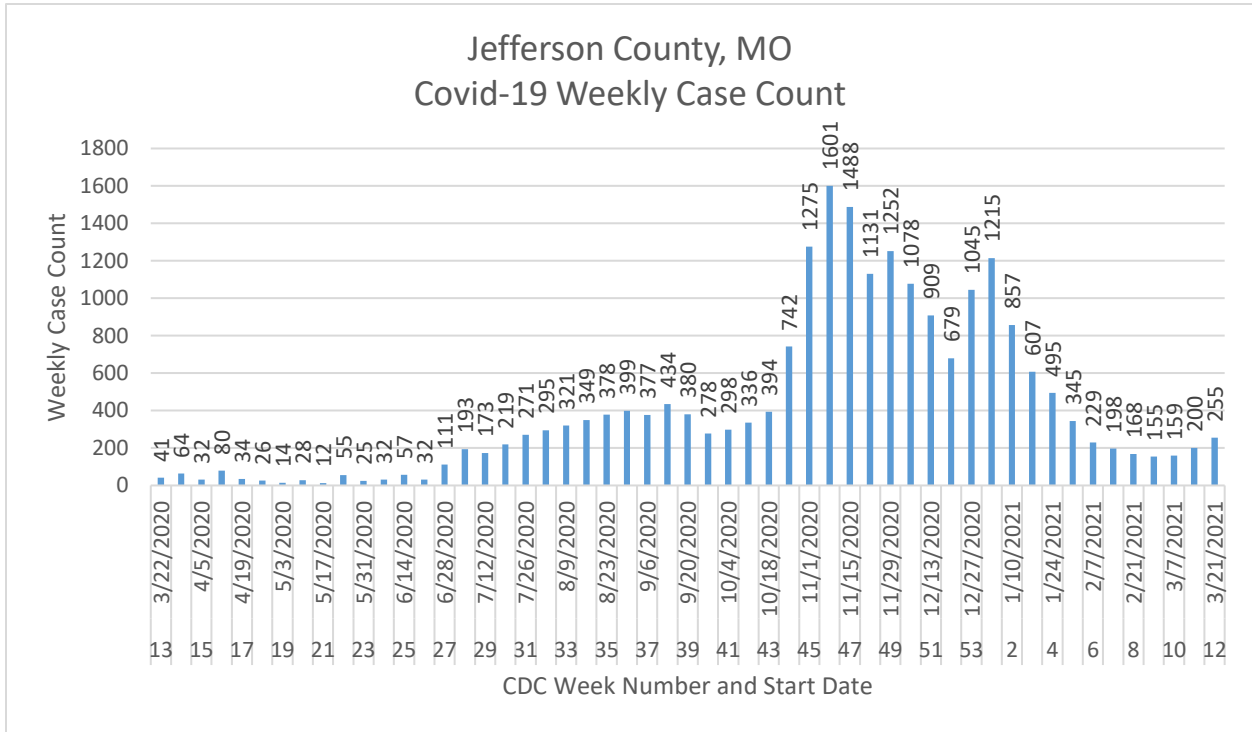


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

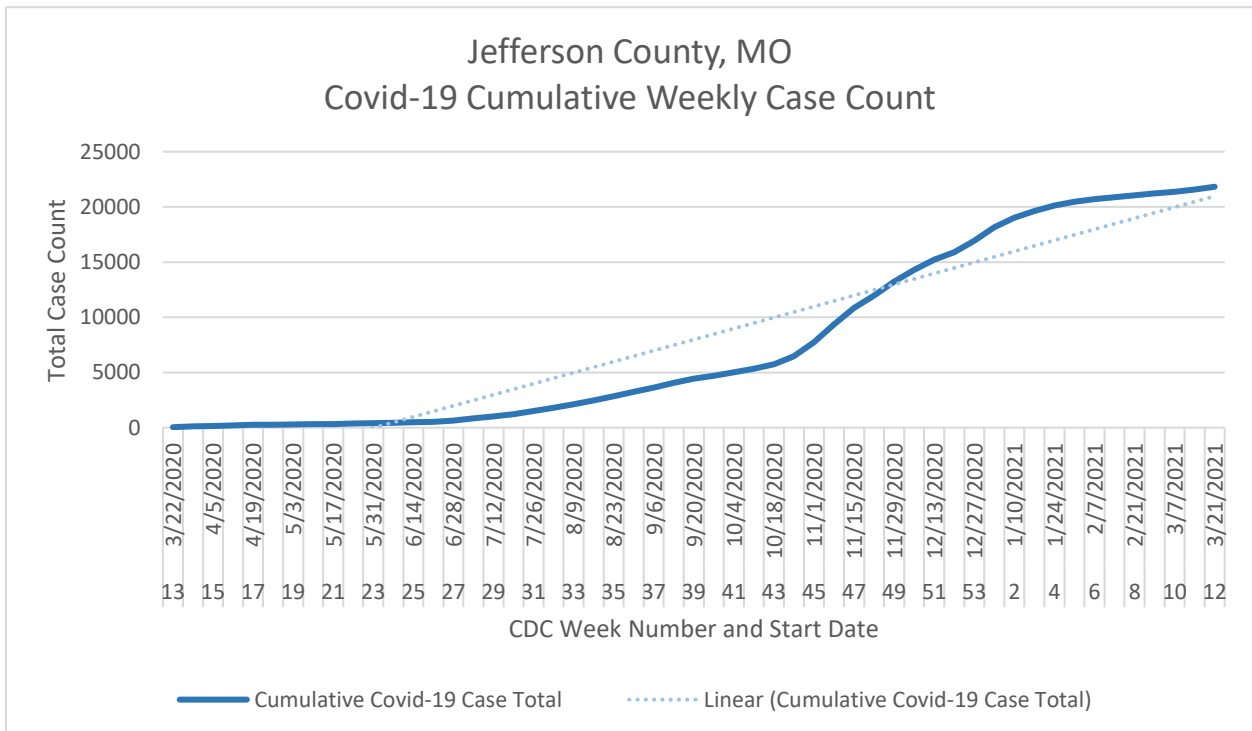


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

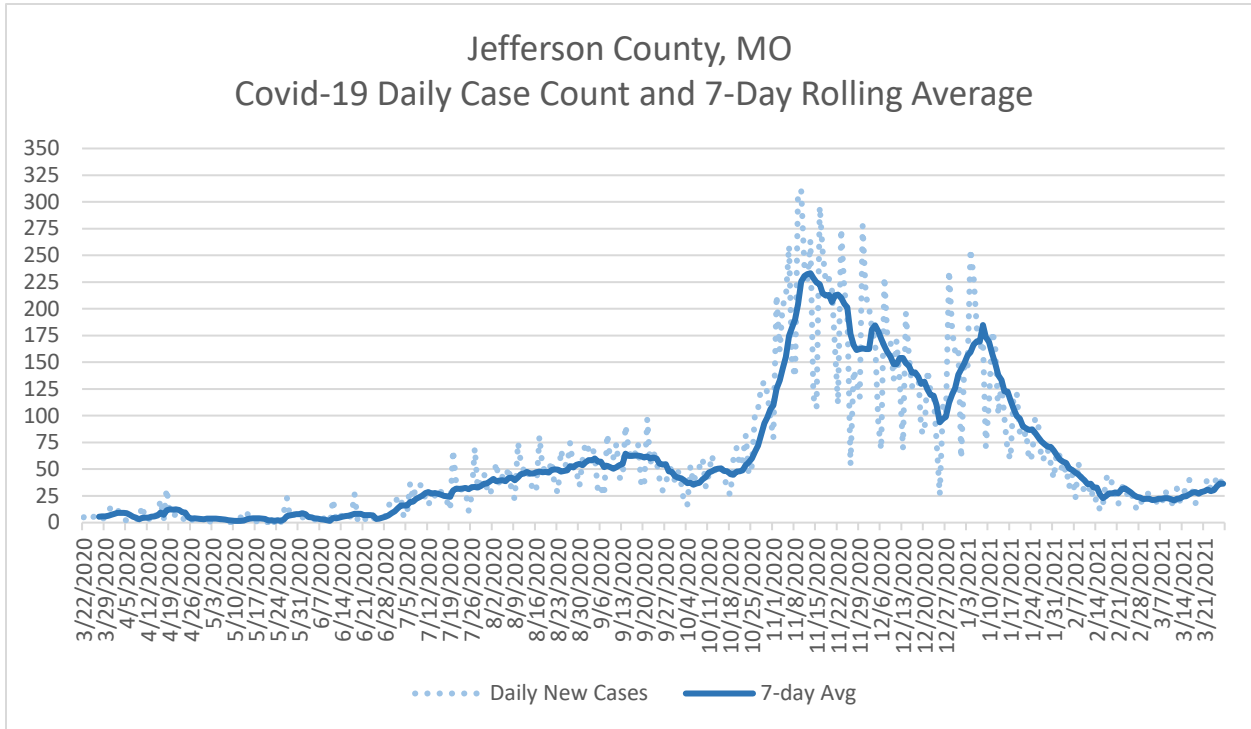


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

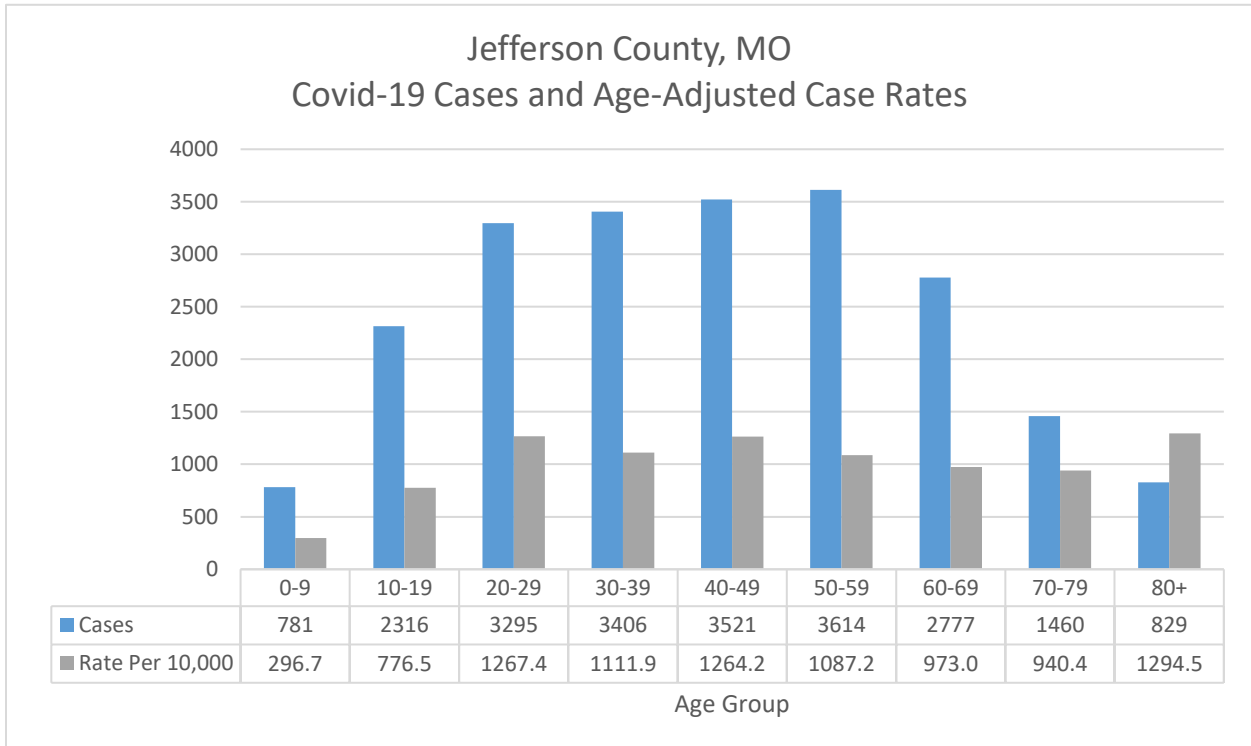


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

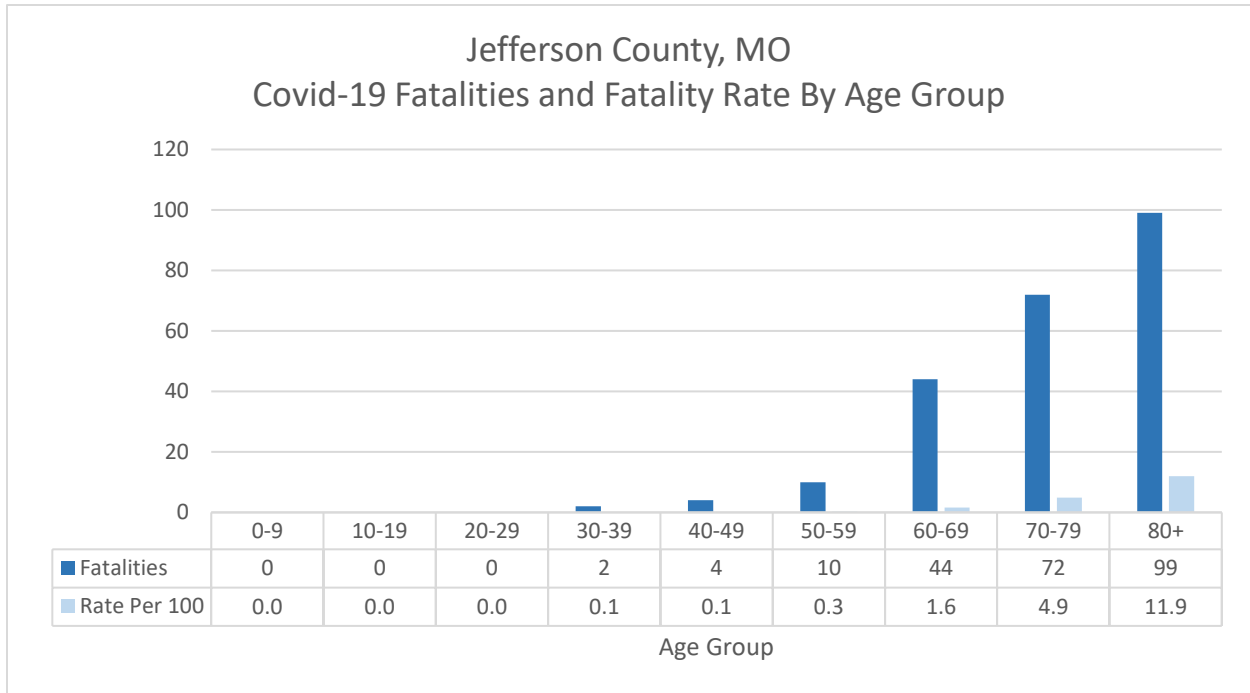


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.05%
Missouri	1.74%
US	1.82%

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

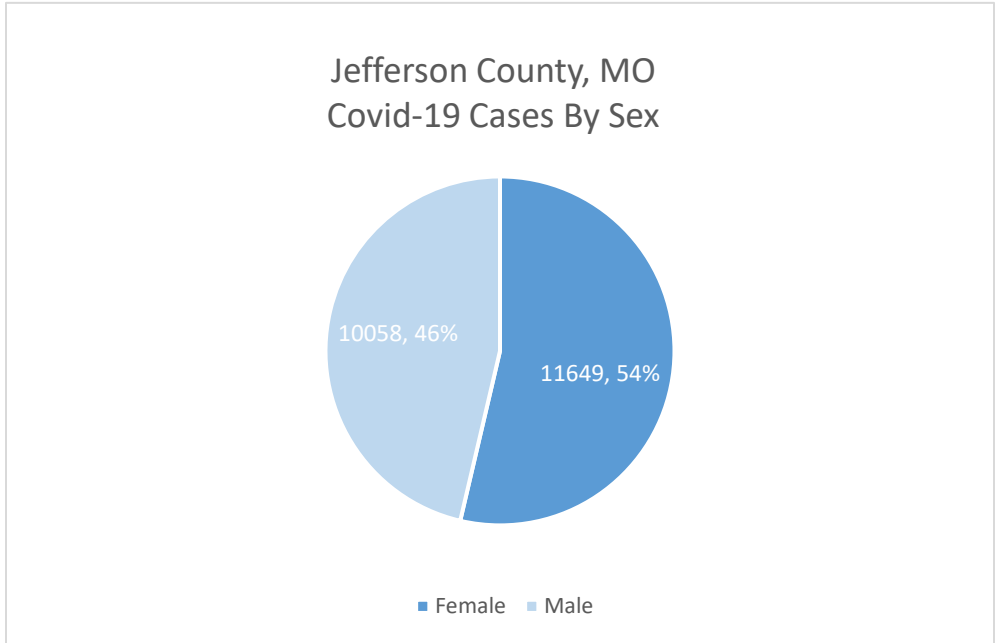


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

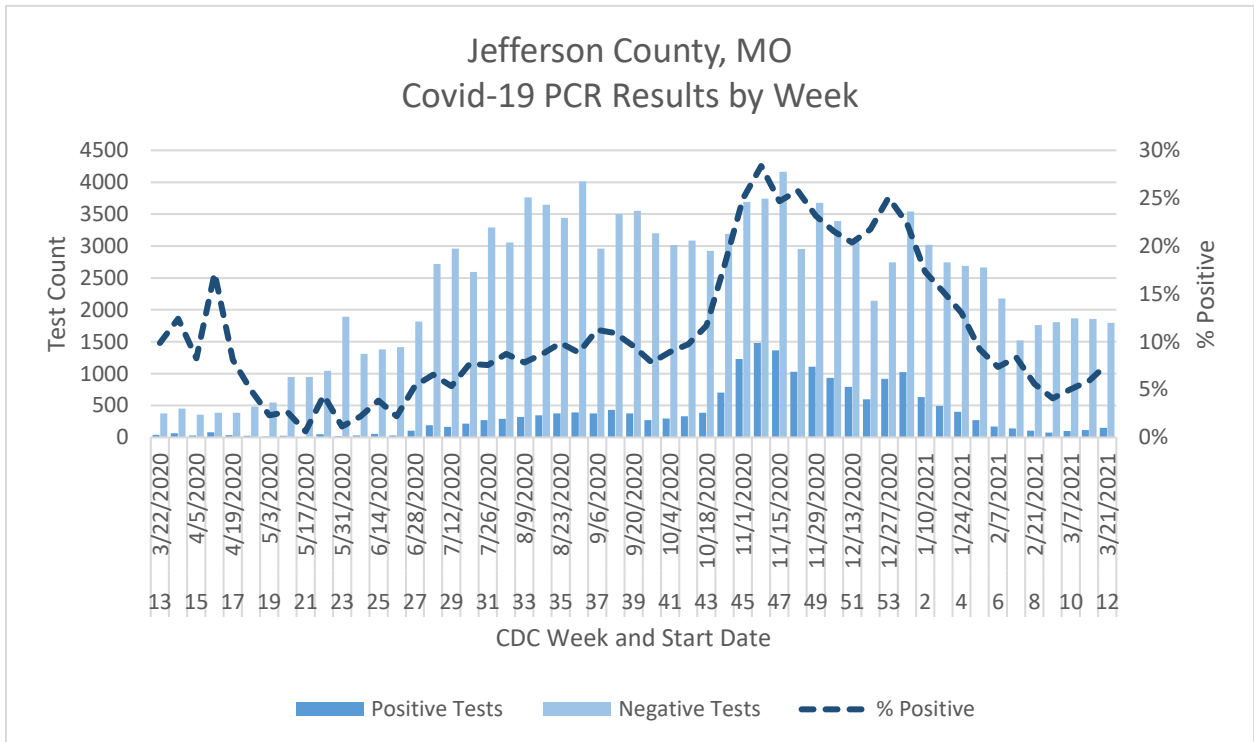


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

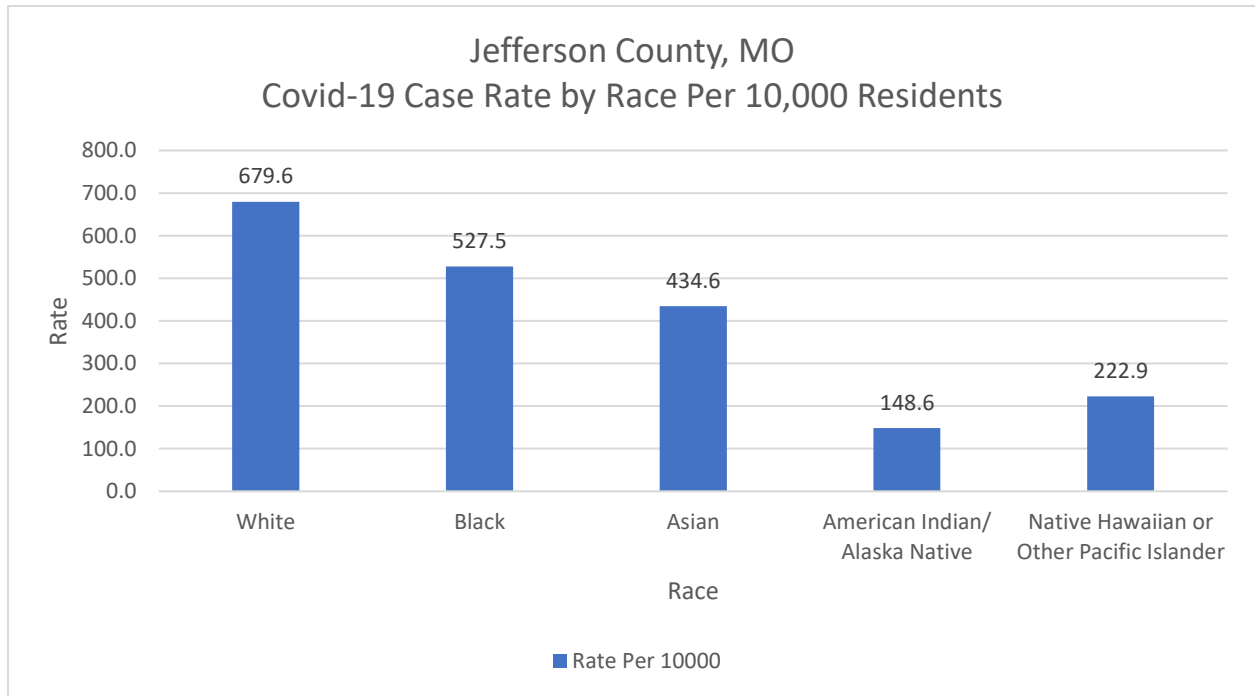
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
23	5/31/2020	22	1889	1911	1.2%
24	6/7/2020	29	1311	1340	2.2%
25	6/14/2020	55	1377	1432	3.8%
26	6/21/2020	32	1415	1447	2.2%
27	6/28/2020	103	1814	1917	5.4%
28	7/5/2020	191	2720	2911	6.6%
29	7/12/2020	167	2961	3128	5.3%
30	7/19/2020	216	2595	2811	7.7%
31	7/26/2020	269	3293	3562	7.6%
32	8/2/2020	292	3057	3349	8.7%
33	8/9/2020	320	3762	4082	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	4012	4402	8.9%
37	9/6/2020	375	2961	3336	11.2%
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	332	3083	3415	9.7%
43	10/18/2020	386	2923	3309	11.7%
44	10/25/2020	703	3192	3895	18.0%
45	11/1/2020	1227	3690	4917	25.0%
46	11/8/2020	1482	3743	5225	28.4%
47	11/15/2020	1364	4164	5528	24.7%
48	11/22/2020	1026	2953	3979	25.8%
49	11/29/2020	1107	3675	4782	23.1%
50	12/6/2020	931	3390	4321	21.5%
51	12/13/2020	793	3099	3892	20.4%
52	12/20/2020	595	2143	2738	21.7%
53	12/27/2020	917	2743	3660	25.1%
1	1/3/2021	1023	3541	4564	22.4%
2	1/10/2021	633	3018	3651	17.3%
3	1/17/2021	492	2745	3237	15.2%
4	1/24/2021	402	2689	3091	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	1759	1863	5.6%
9	2/28/2021	77	1805	1882	4.1%
10	3/7/2021	99	1868	1967	5.0%
11	3/14/2021	117	1857	1974	5.9%
12	3/21/2021	149	1797	1946	7.7%

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

Race	Cases	Rate Per 10000
White	14653	679.6
Black	142	527.5
Asian	78	434.6
American Indian/ Alaska Native	10	148.6
Native Hawaiian or Other Pacific Islander	5	222.9
Unknown	2960	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

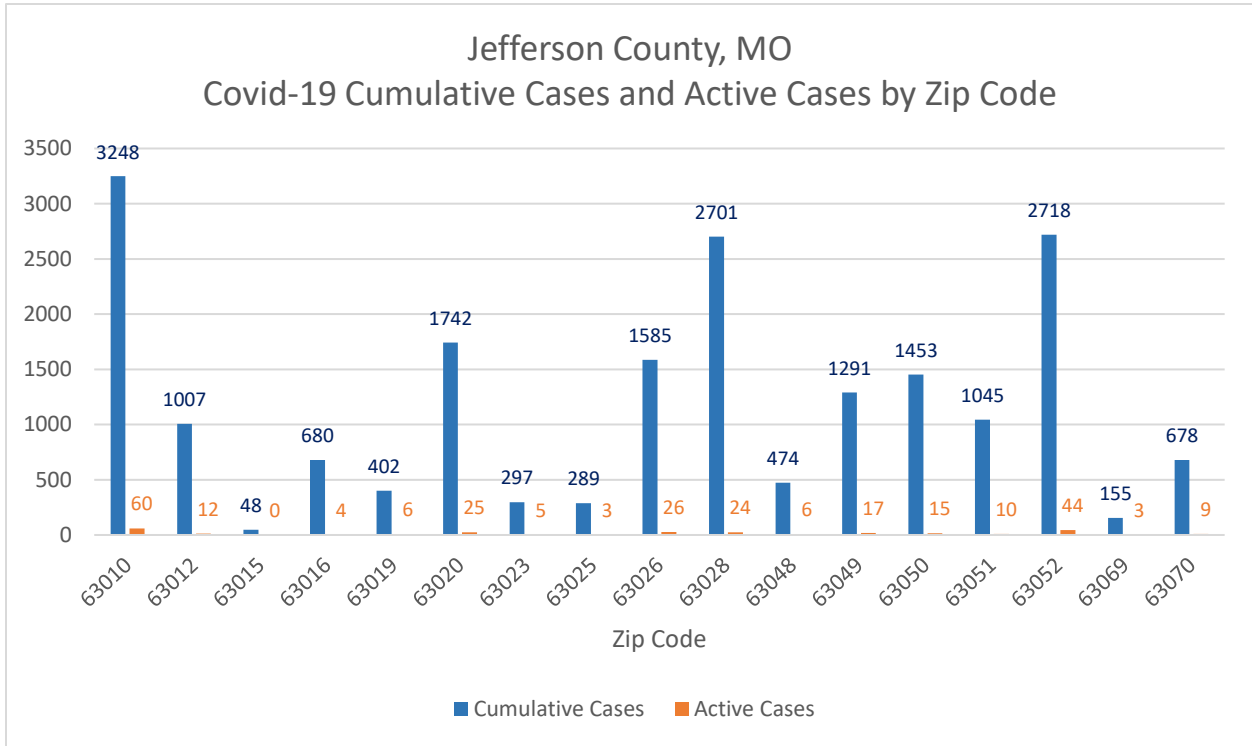
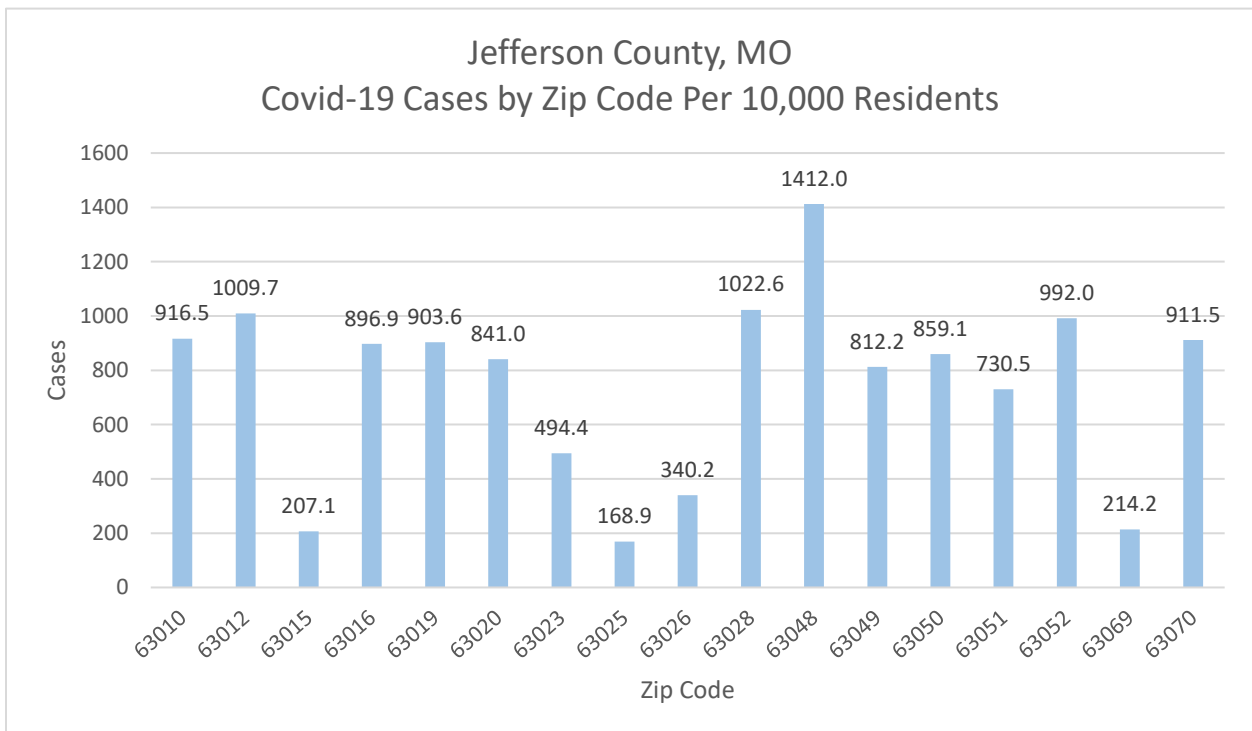


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 12: March 21- March 27

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

SUMMARY:

- During Week 12 a total of 47 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3039 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
27	6/28/2020	18	34
28	7/5/2020	20	54
29	7/12/2020	20	74
30	7/19/2020	21	95
31	7/26/2020	22	117
32	8/2/2020	31	148
33	8/9/2020	31	179
34	8/16/2020	48	227
35	8/23/2020	45	272
36	8/30/2020	55	327
37	9/6/2020	54	381
38	9/13/2020	71	452
39	9/20/2020	46	498
40	9/27/2020	35	533
41	10/4/2020	29	562
42	10/11/2020	31	593
43	10/18/2020	55	648
44	10/25/2020	117	765
45	11/1/2020	172	937
46	11/8/2020	235	1172
47	11/15/2020	206	1378
48	11/22/2020	133	1511
49	11/29/2020	167	1678
50	12/6/2020	171	1849
51	12/13/2020	130	1979
52	12/20/2020	88	2067
53	12/27/2020	143	2210
1	1/3/2021	206	2416
2	1/10/2021	136	2552
3	1/17/2021	74	2626
4	1/24/2021	88	2714
5	1/31/2021	89	2803
6	2/7/2021	29	2832
7	2/14/2021	36	2868
8	2/21/2021	29	2897
9	2/28/2021	31	2928
10	3/7/2021	33	2961
11	3/14/2021	31	2992
12	3/21/2021	47	3039

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

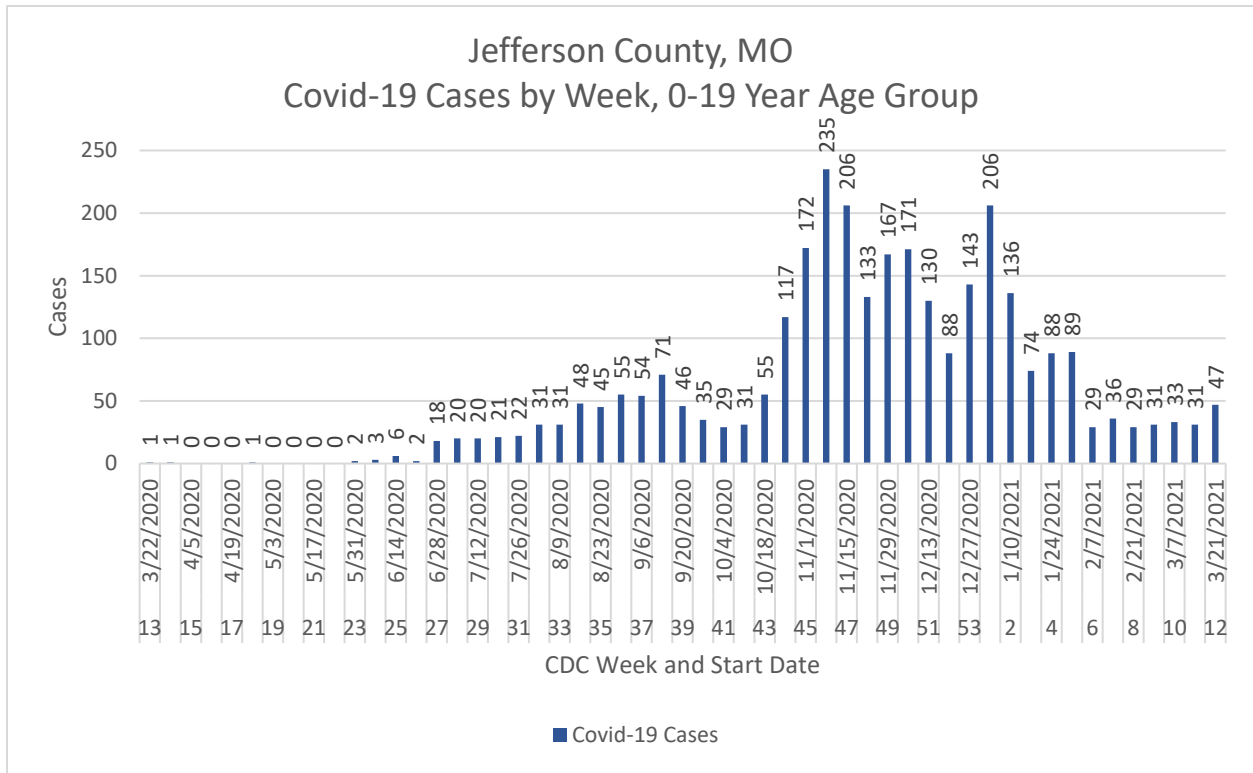


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	781	3.55%
10-19	2,316	10.53%
20+	18,902	85.92%

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

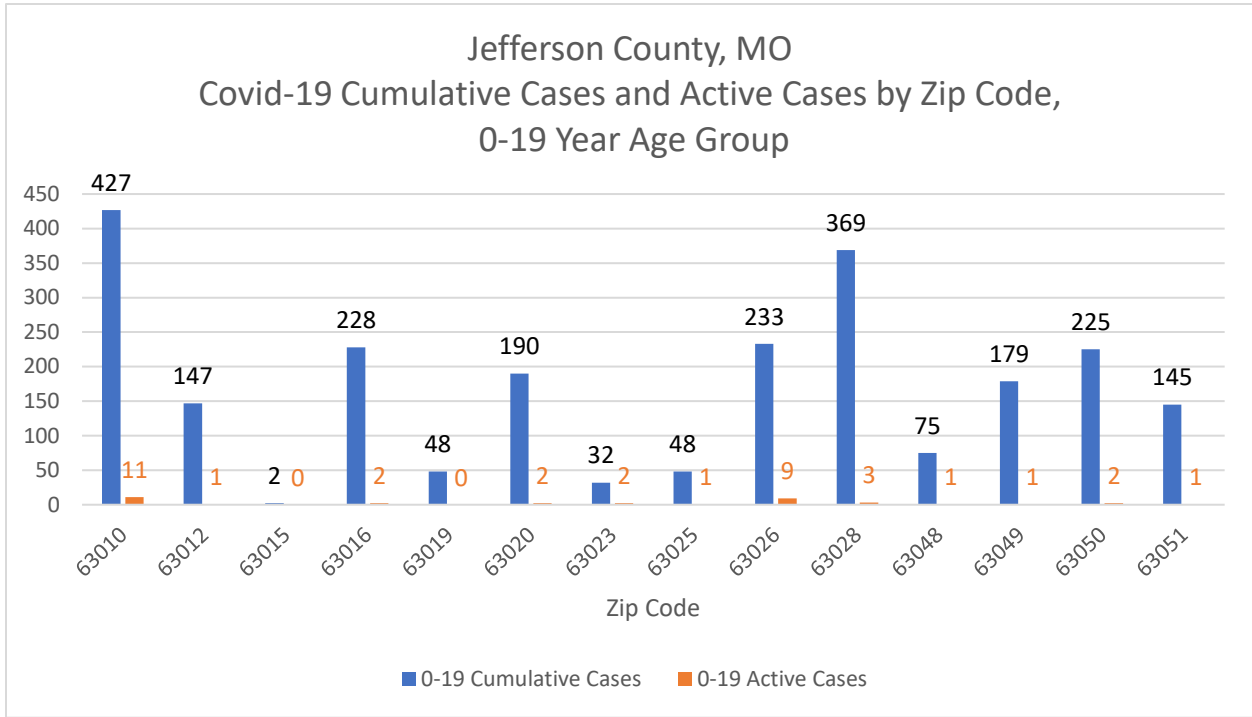


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

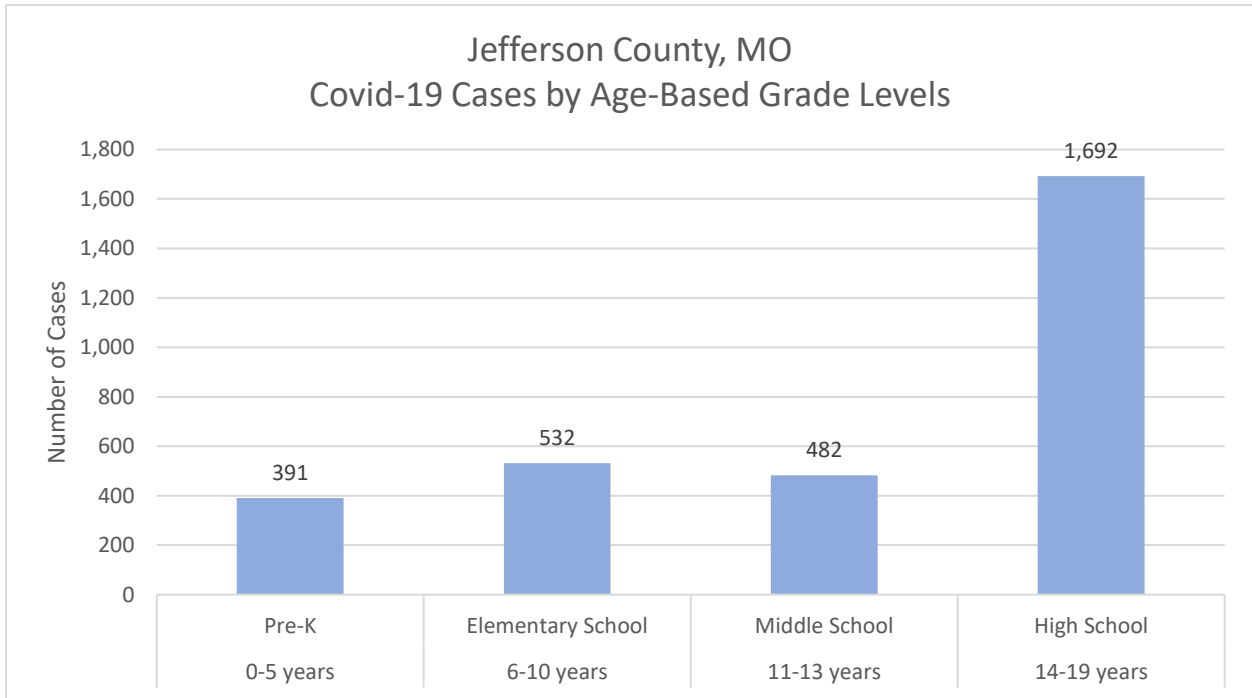


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

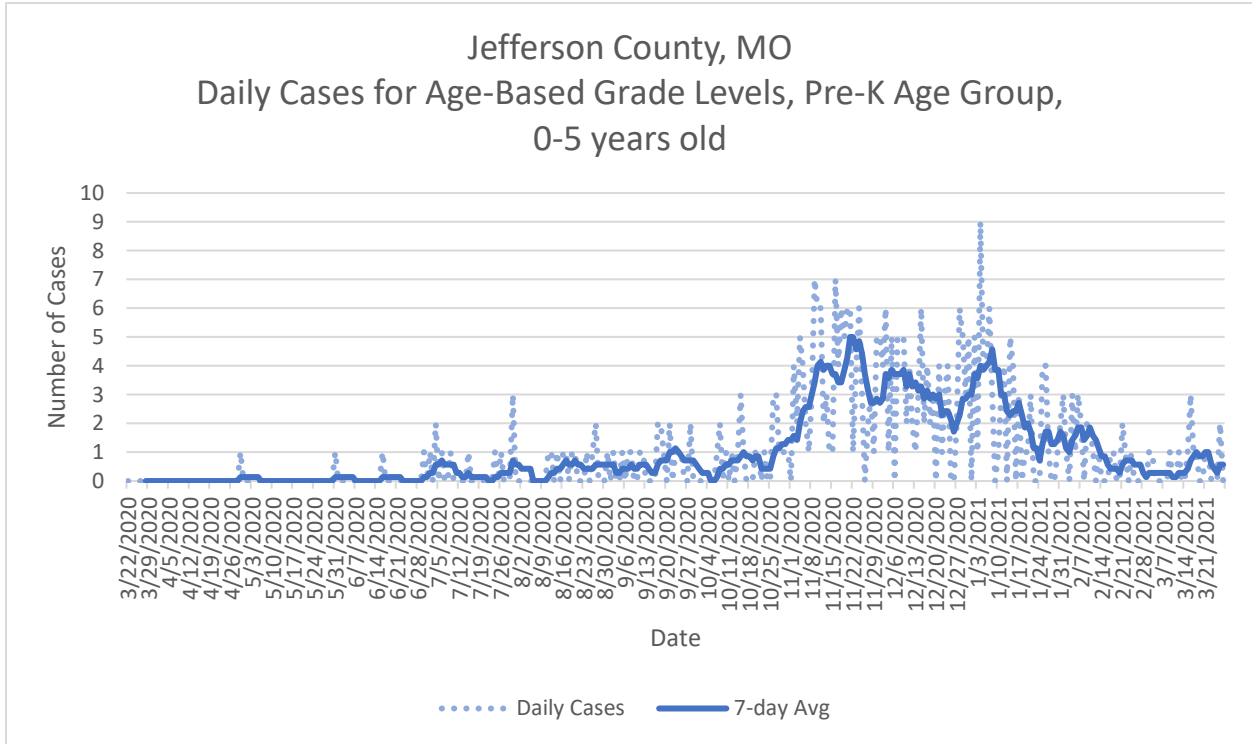


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

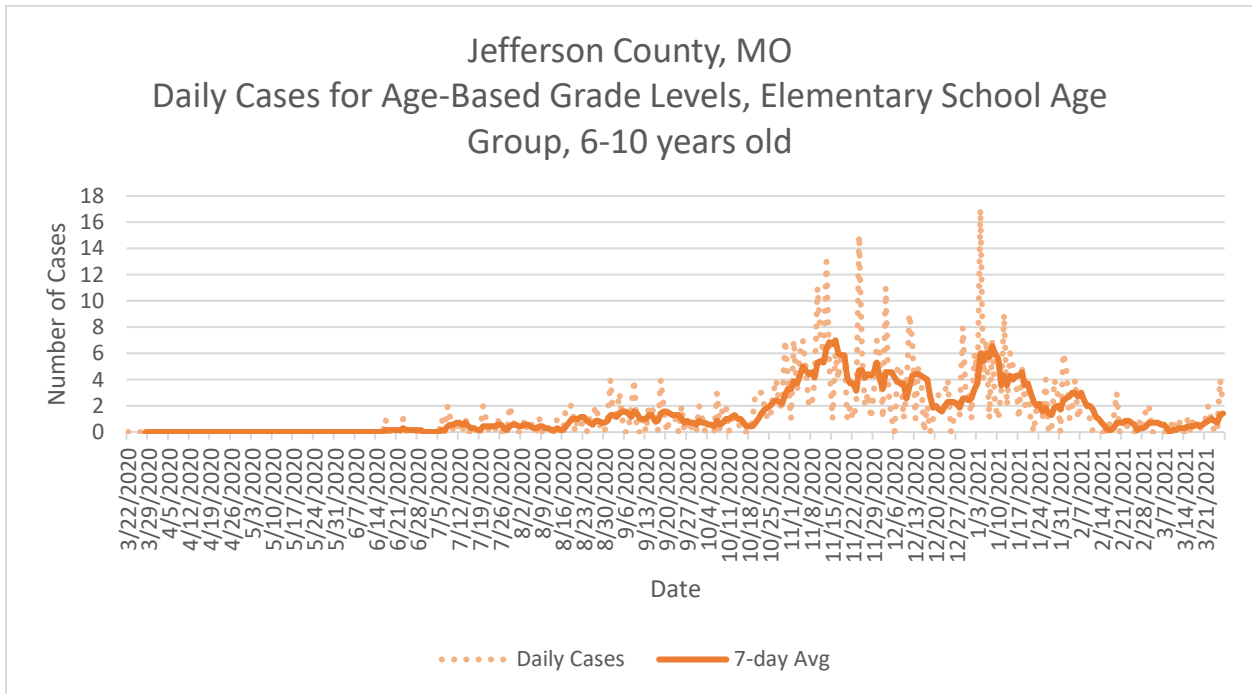


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

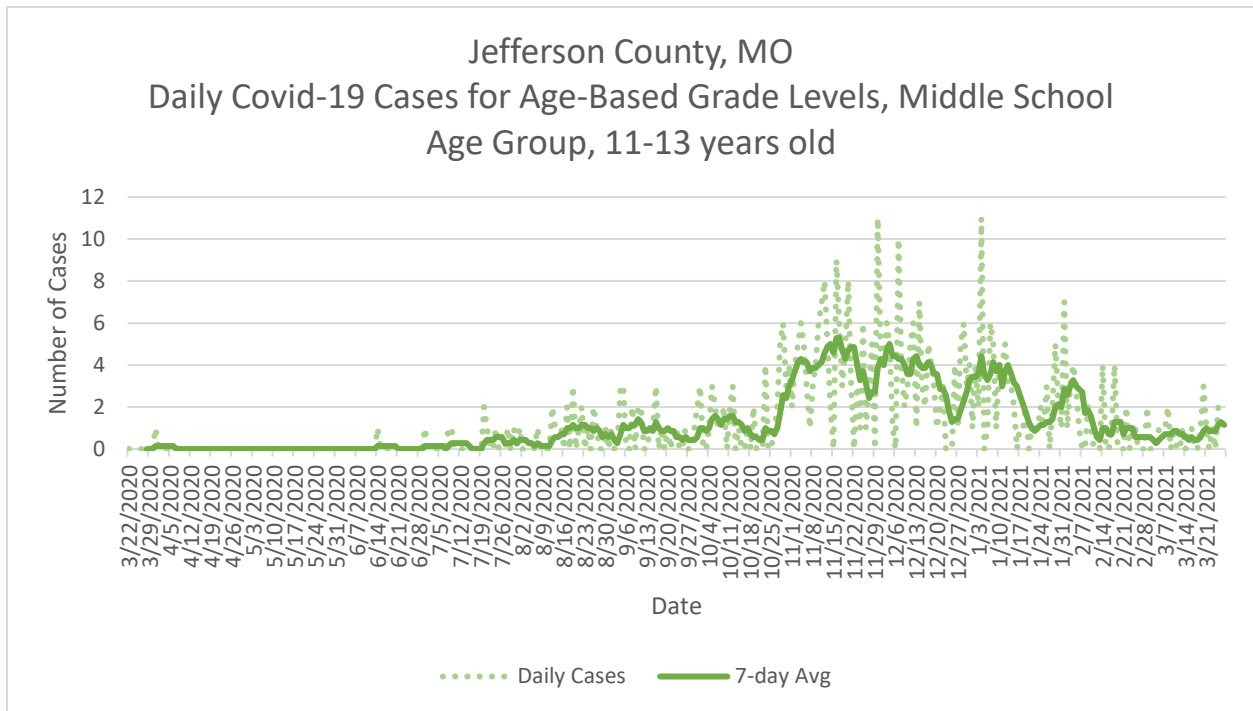


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

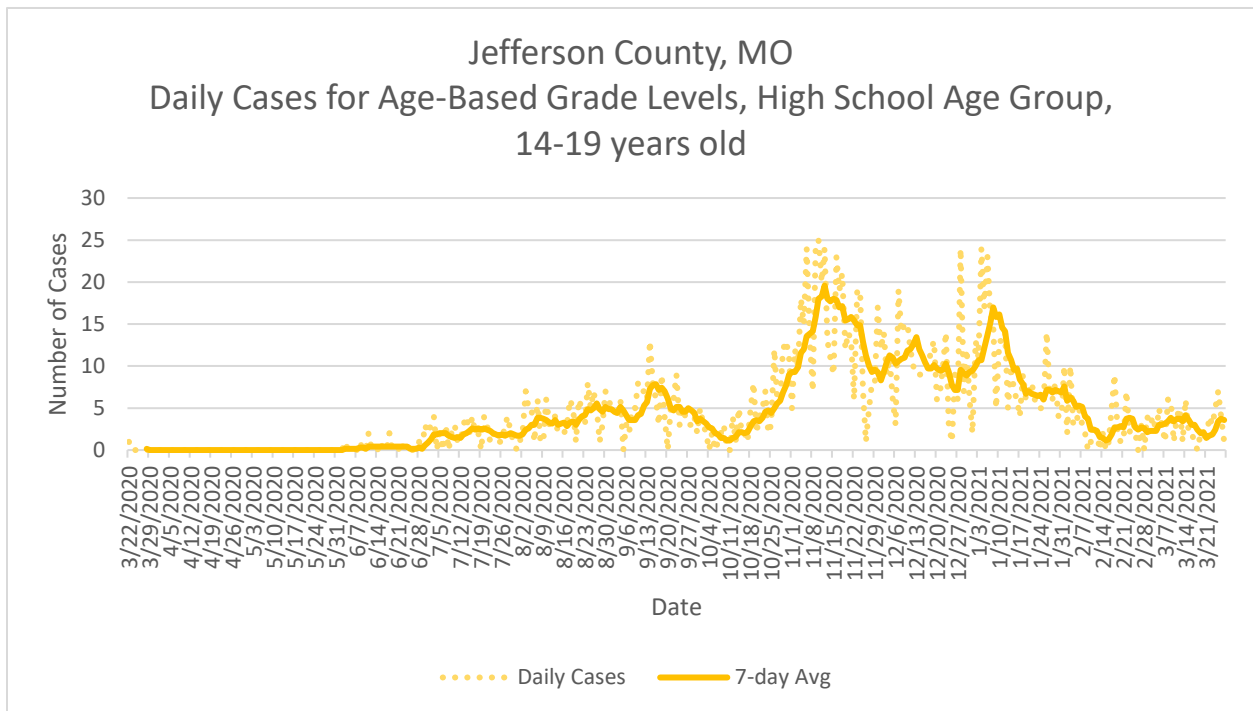


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

