



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 16: April 18- April 24

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

SUMMARY:

- During Week 16 a total of 118 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 22957 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 16.
- Two hundred thirty-nine Covid-19 associated deaths have been reported in Jefferson County as of Week 16.
- 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
29	7/12/2020	173	1009
30	7/19/2020	221	1230
31	7/26/2020	272	1502
32	8/2/2020	296	1798
33	8/9/2020	321	2119
34	8/16/2020	349	2468
35	8/23/2020	379	2847
36	8/30/2020	399	3246
37	9/6/2020	377	3623
38	9/13/2020	434	4057
39	9/20/2020	380	4437
40	9/27/2020	278	4715
41	10/4/2020	298	5013
42	10/11/2020	337	5350
43	10/18/2020	396	5746
44	10/25/2020	742	6488
45	11/1/2020	1275	7763
46	11/8/2020	1601	9364
47	11/15/2020	1489	10853
48	11/22/2020	1145	11998
49	11/29/2020	1261	13259
50	12/6/2020	1097	14356
51	12/13/2020	928	15284
52	12/20/2020	698	15982
53	12/27/2020	1070	17052
1	1/3/2021	1231	18283
2	1/10/2021	865	19148
3	1/17/2021	609	19757
4	1/24/2021	501	20258
5	1/31/2021	351	20609
6	2/7/2021	230	20839
7	2/14/2021	197	21036
8	2/21/2021	168	21204
9	2/28/2021	157	21361
10	3/7/2021	164	21525
11	3/14/2021	203	21728
12	3/21/2021	269	21997
13	3/28/2021	301	22298
14	4/4/2021	307	22605
15	4/11/2021	234	22839
16	4/18/2021	118	22957

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

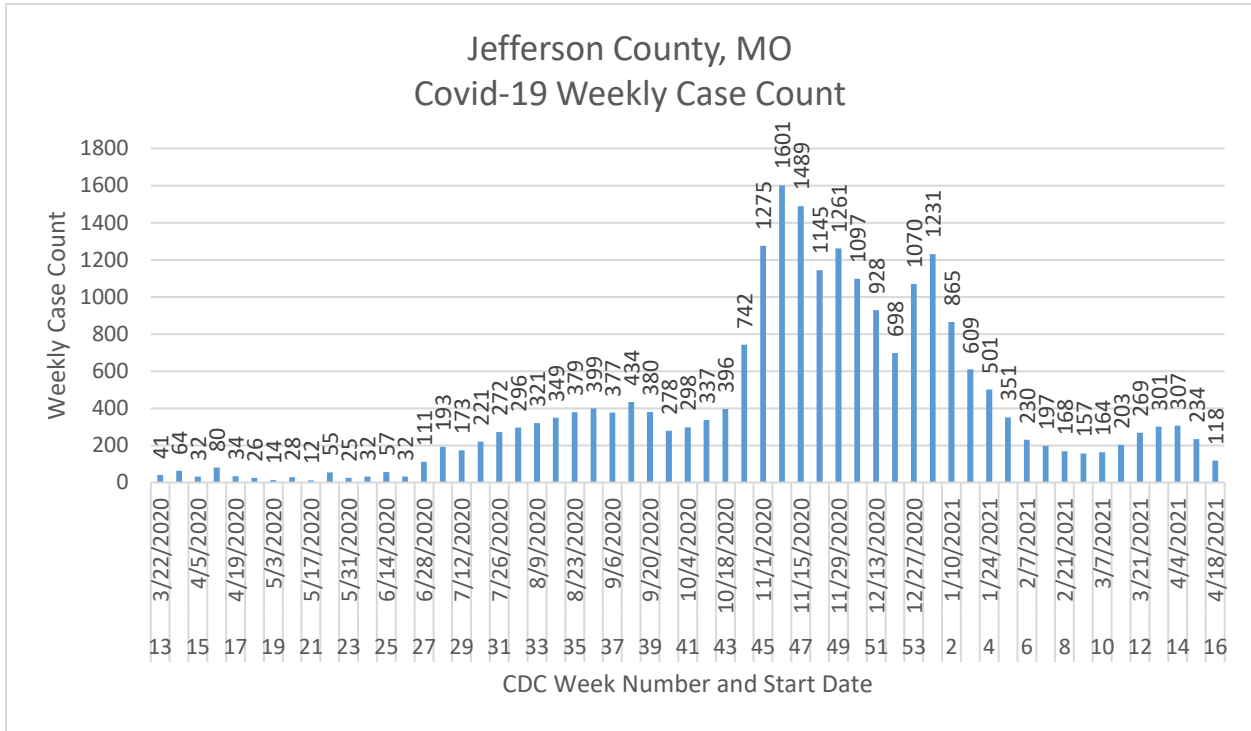


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

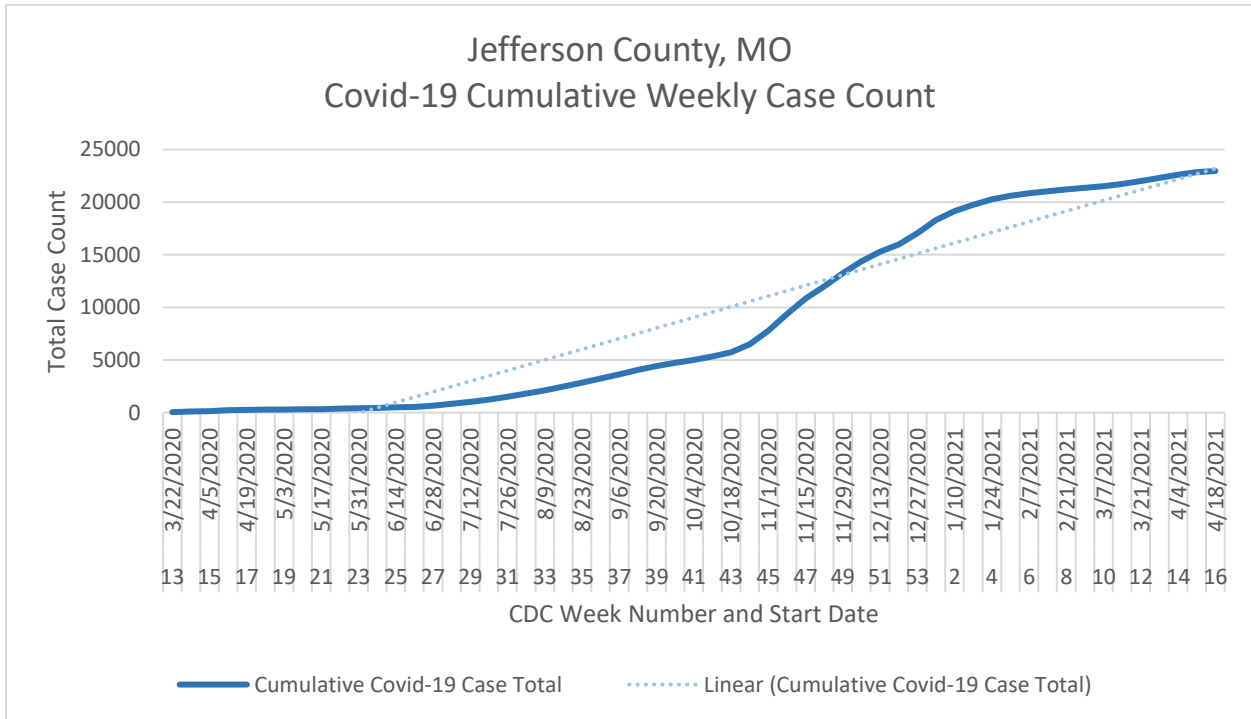


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

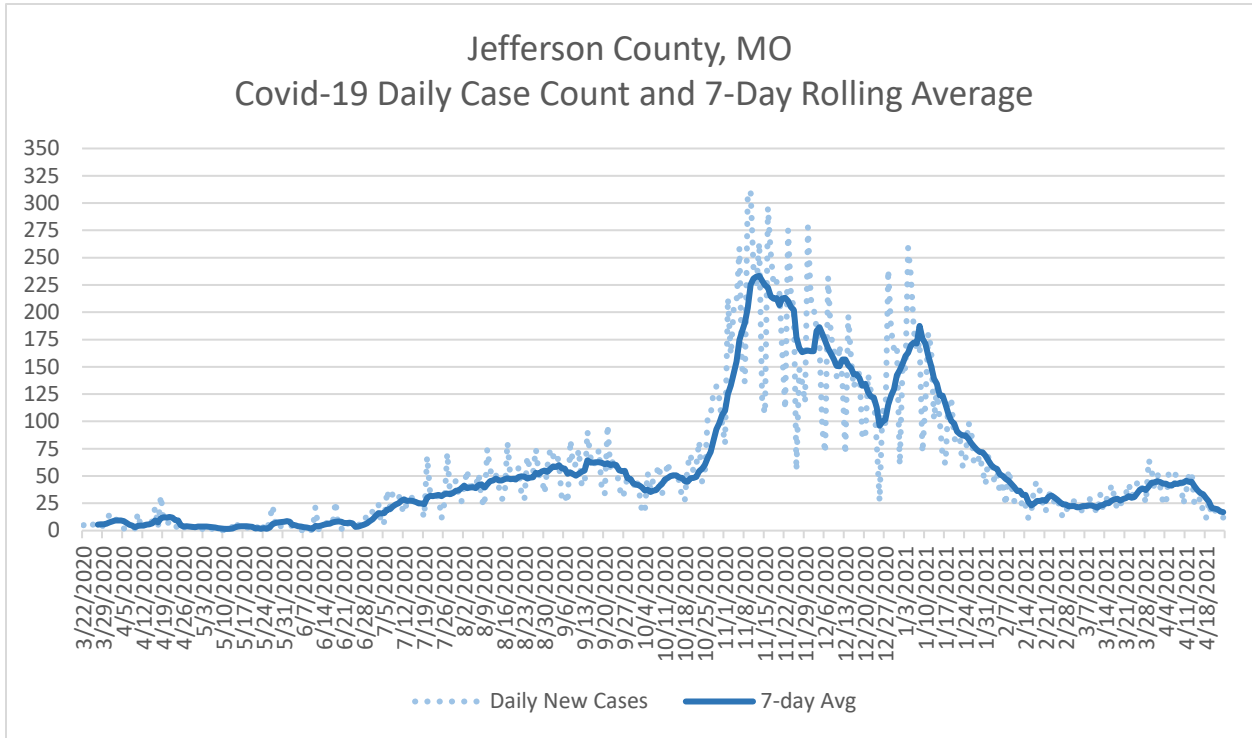


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

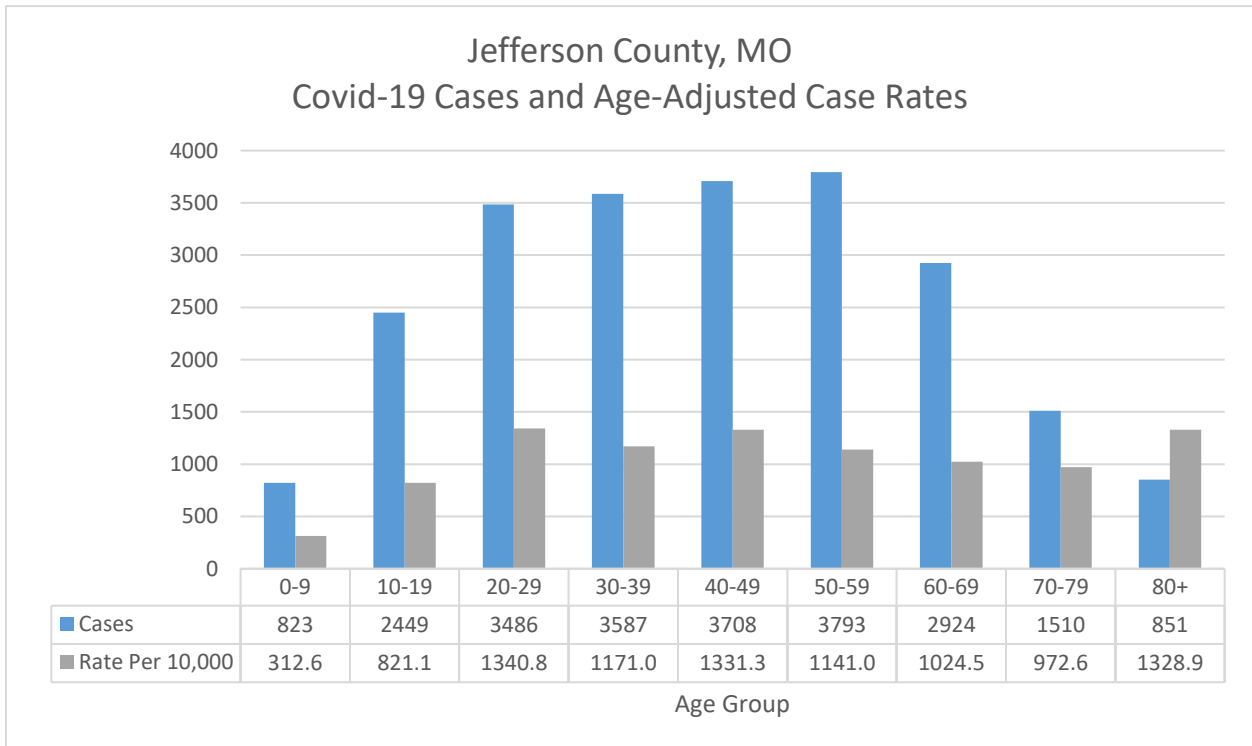


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

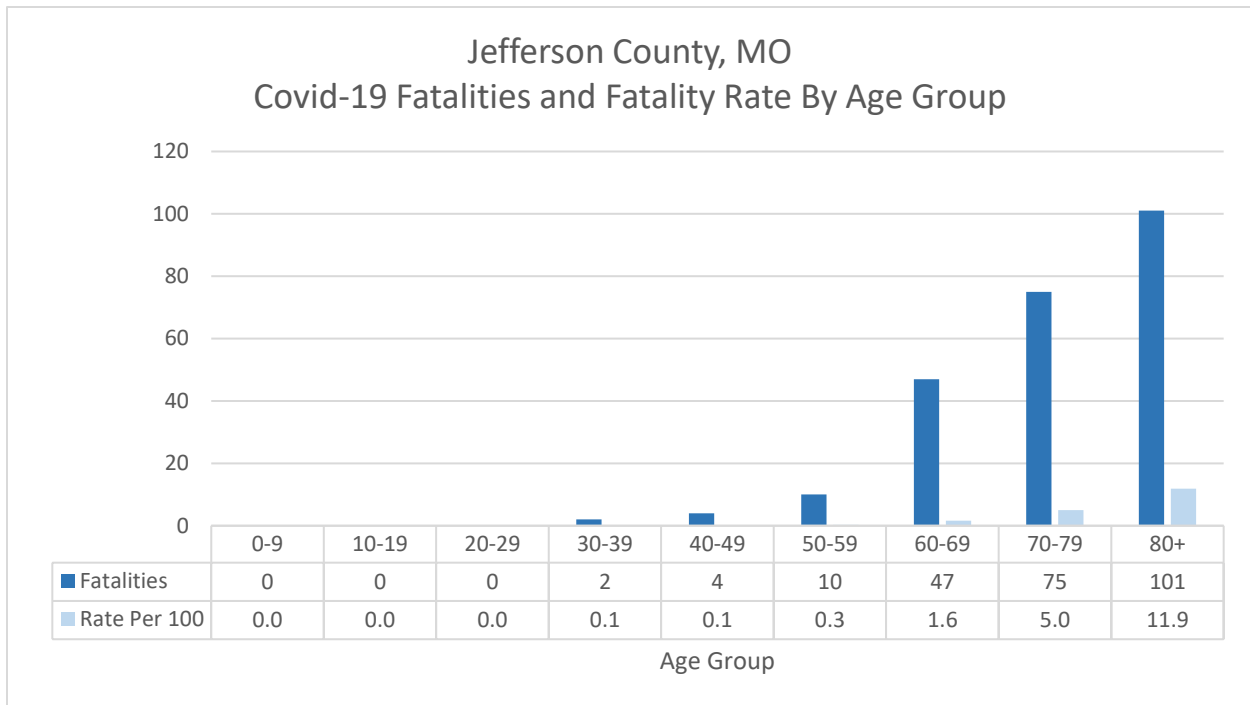


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.03%
Missouri	1.75%
US	1.79%

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

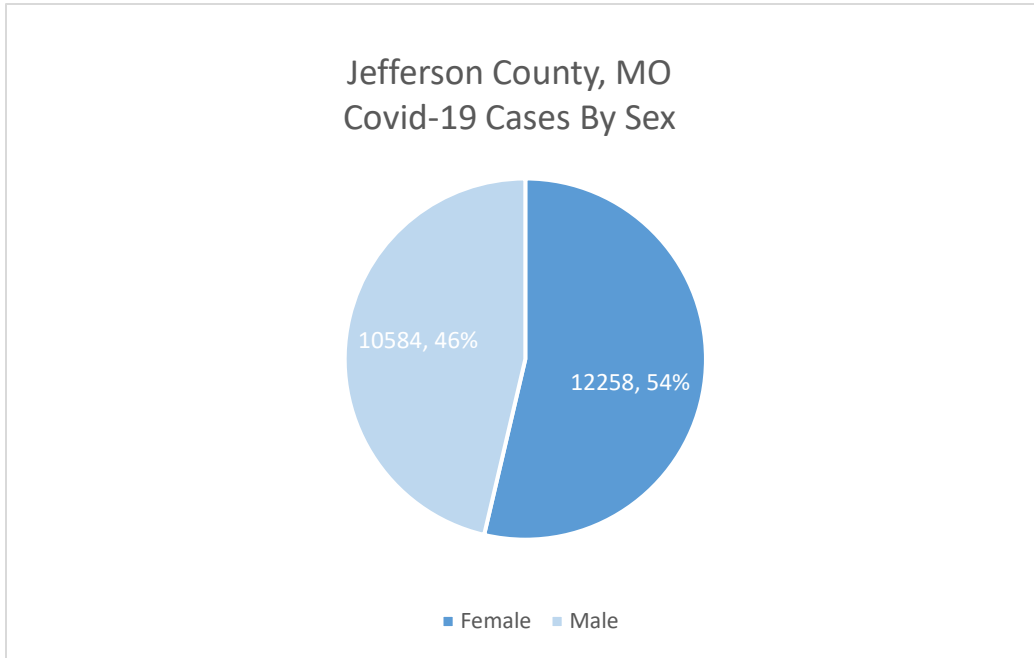


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

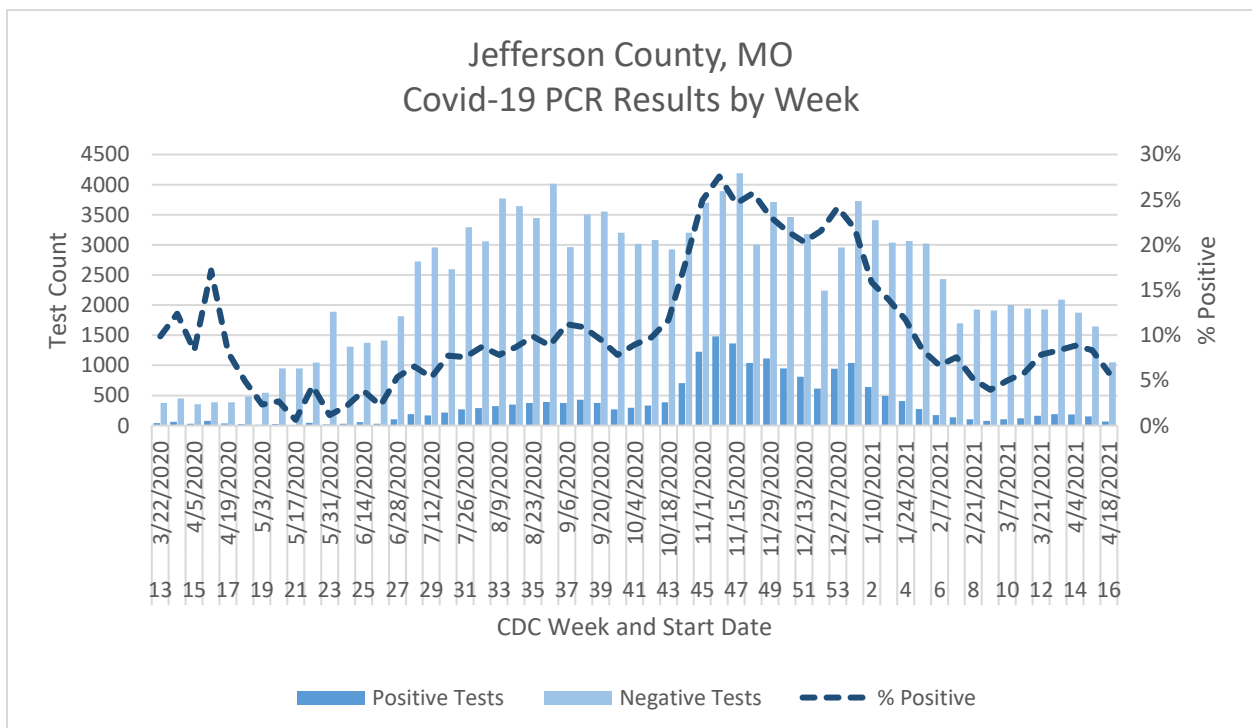


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

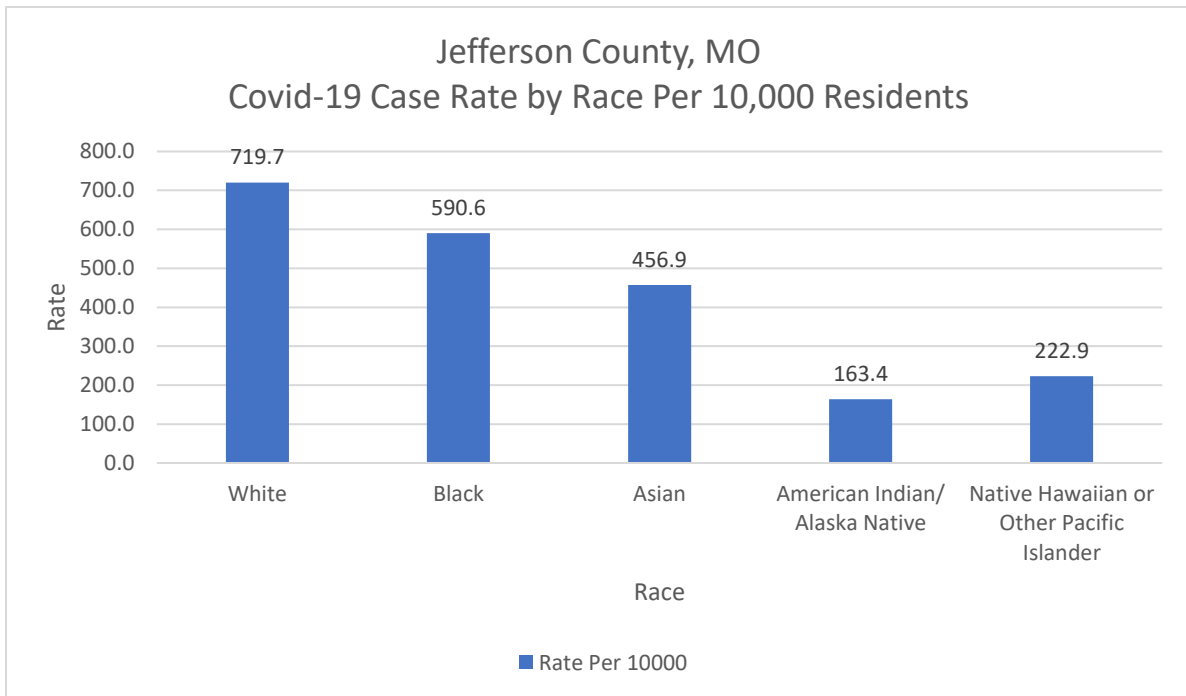
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
27	6/28/2020	103	1813	1916	5.4%
28	7/5/2020	191	2722	2913	6.6%
29	7/12/2020	167	2959	3126	5.3%
30	7/19/2020	218	2595	2813	7.7%
31	7/26/2020	270	3290	3560	7.6%
32	8/2/2020	293	3058	3351	8.7%
33	8/9/2020	320	3768	4088	7.8%
34	8/16/2020	348	3645	3993	8.7%
35	8/23/2020	377	3445	3822	9.9%
36	8/30/2020	390	4017	4407	8.8%
37	9/6/2020	375	2963	3338	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	3202	3474	7.8%
41	10/4/2020	296	3017	3313	8.9%
42	10/11/2020	333	3082	3415	9.8%
43	10/18/2020	387	2925	3312	11.7%
44	10/25/2020	703	3203	3906	18.0%
45	11/1/2020	1227	3699	4926	24.9%
46	11/8/2020	1482	3893	5375	27.6%
47	11/15/2020	1365	4191	5556	24.6%
48	11/22/2020	1041	3004	4045	25.7%
49	11/29/2020	1116	3710	4826	23.1%
50	12/6/2020	950	3464	4414	21.5%
51	12/13/2020	811	3180	3991	20.3%
52	12/20/2020	615	2239	2854	21.5%
53	12/27/2020	942	2960	3902	24.1%
1	1/3/2021	1039	3728	4767	21.8%
2	1/10/2021	643	3408	4051	15.9%
3	1/17/2021	492	3039	3531	13.9%
4	1/24/2021	406	3062	3468	11.7%
5	1/31/2021	275	3021	3296	8.3%
6	2/7/2021	173	2430	2603	6.6%
7	2/14/2021	139	1697	1836	7.6%
8	2/21/2021	104	1928	2032	5.1%
9	2/28/2021	79	1910	1989	4.0%
10	3/7/2021	105	2000	2105	5.0%
11	3/14/2021	120	1943	2063	5.8%
12	3/21/2021	164	1926	2090	7.8%
13	3/28/2021	190	2092	2282	8.3%
14	4/4/2021	182	1875	2057	8.8%
15	4/11/2021	150	1646	1796	8.4%
16	4/18/2021	65	1049	1114	5.8%

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

Race	Cases	Rate Per 10000
White	15517	719.7
Black	159	590.6
Asian	82	456.9
American Indian/ Alaska Native	11	163.4
Native Hawaiian or Other Pacific Islander	5	222.9
Unknown	3123	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

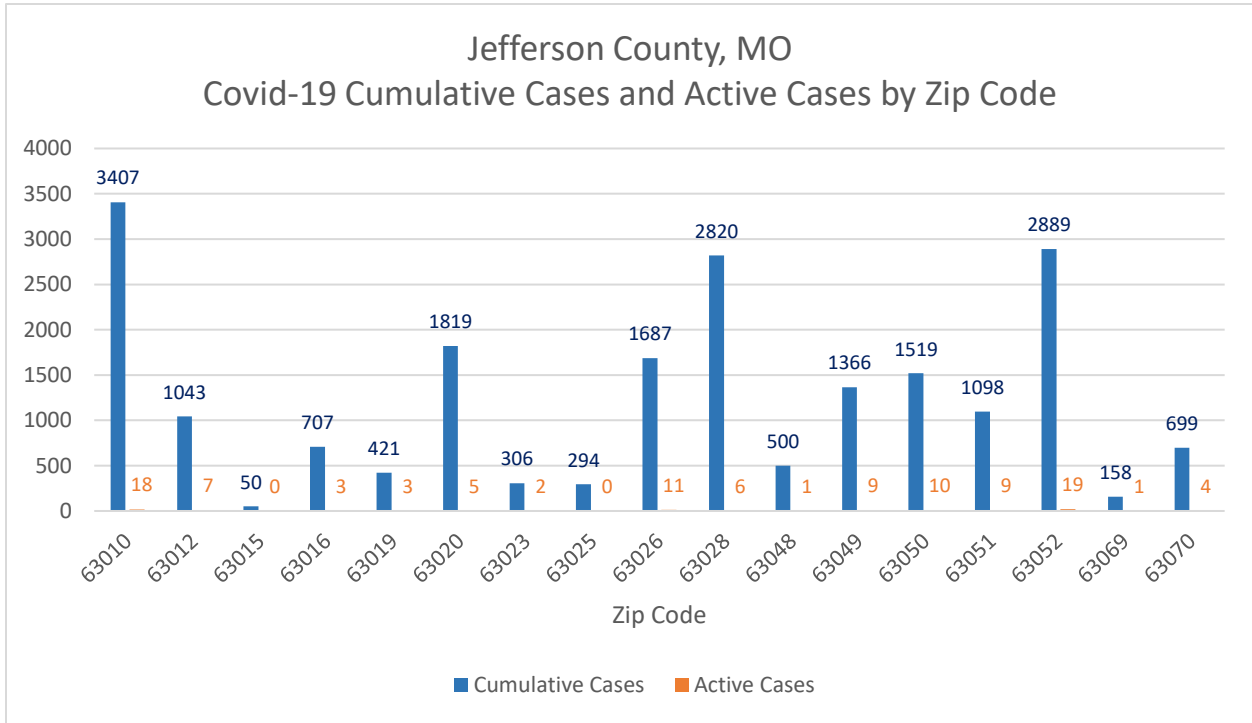
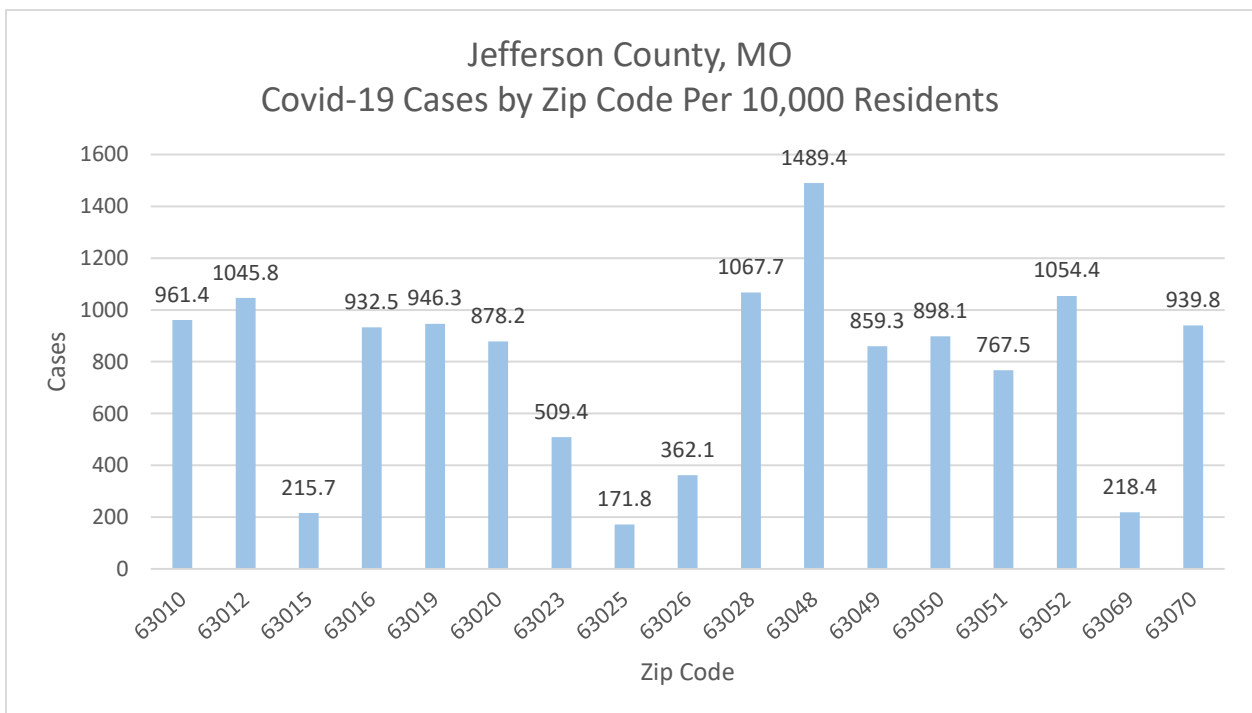


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 16: April 18- April 24

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

SUMMARY:

- During Week 16 a total of 23 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3217 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
31	7/26/2020	22	116
32	8/2/2020	30	146
33	8/9/2020	31	177
34	8/16/2020	46	223
35	8/23/2020	45	268
36	8/30/2020	55	323
37	9/6/2020	53	376
38	9/13/2020	70	446
39	9/20/2020	45	491
40	9/27/2020	34	525
41	10/4/2020	29	554
42	10/11/2020	30	584
43	10/18/2020	52	636
44	10/25/2020	116	752
45	11/1/2020	170	922
46	11/8/2020	232	1154
47	11/15/2020	205	1359
48	11/22/2020	134	1493
49	11/29/2020	166	1659
50	12/6/2020	180	1839
51	12/13/2020	131	1970
52	12/20/2020	88	2058
53	12/27/2020	145	2203
1	1/3/2021	207	2410
2	1/10/2021	135	2545
3	1/17/2021	74	2619
4	1/24/2021	88	2707
5	1/31/2021	91	2798
6	2/7/2021	29	2827
7	2/14/2021	33	2860
8	2/21/2021	29	2889
9	2/28/2021	31	2920
10	3/7/2021	35	2955
11	3/14/2021	32	2987
12	3/21/2021	46	3033
13	3/28/2021	62	3095
14	4/4/2021	58	3153
15	4/11/2021	41	3194
16	4/18/2021	23	3217

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

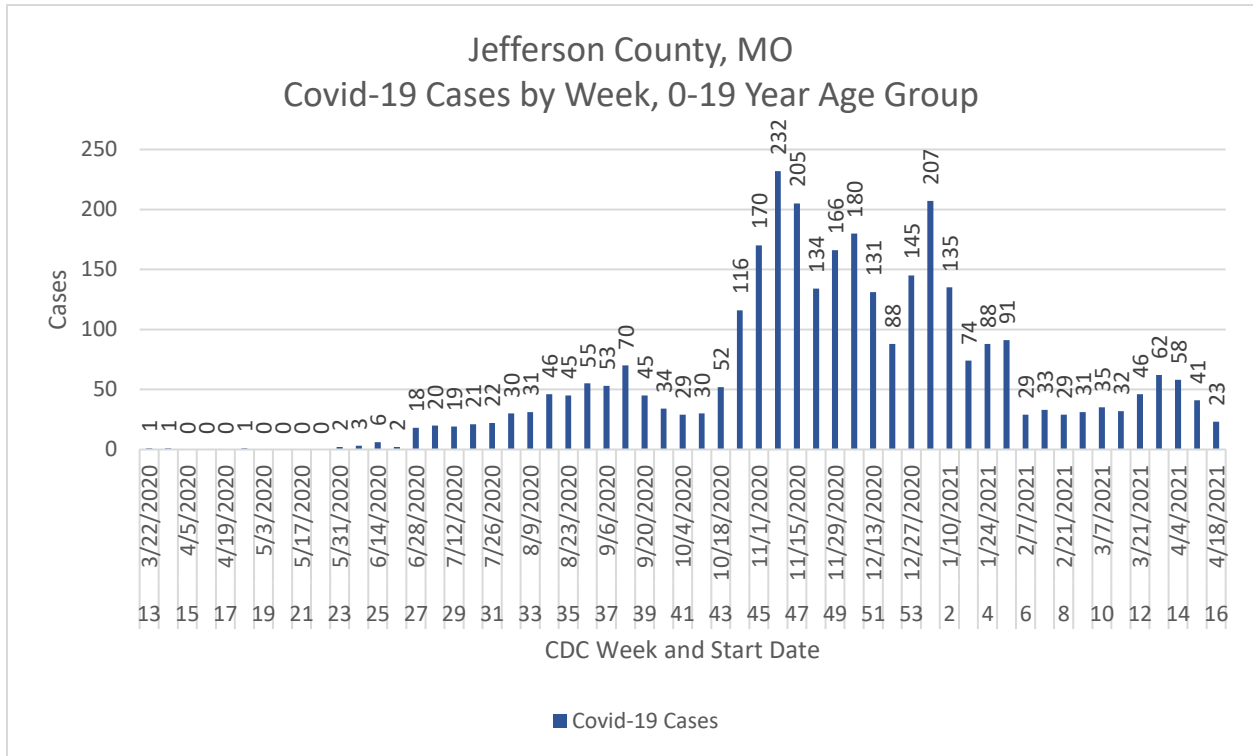


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	823	3.56%
10-19	2,449	10.59%
20+	19,859	85.85%

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

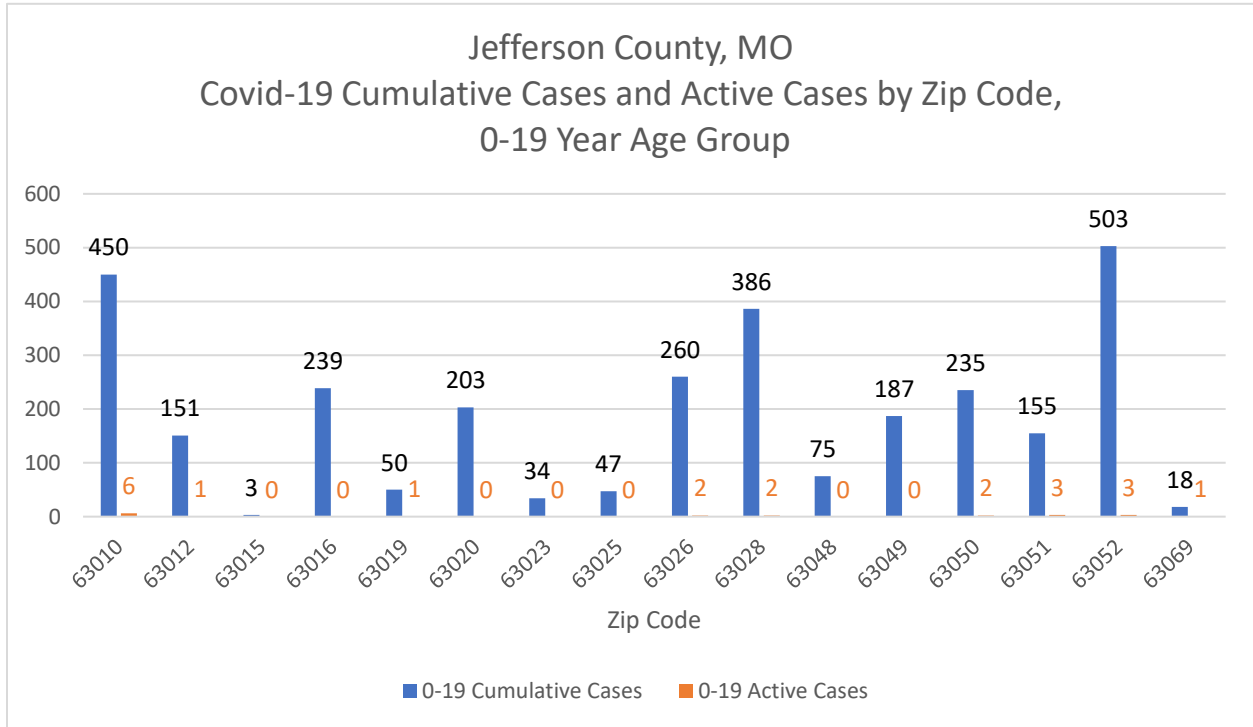


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

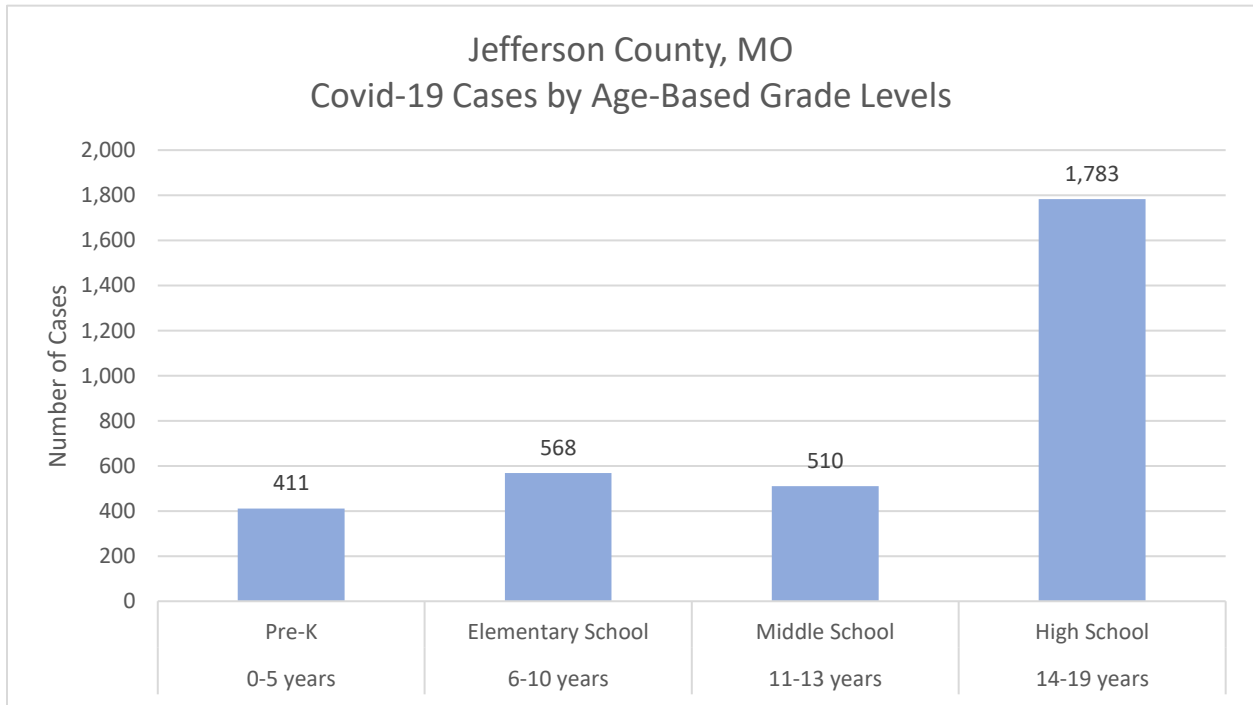


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

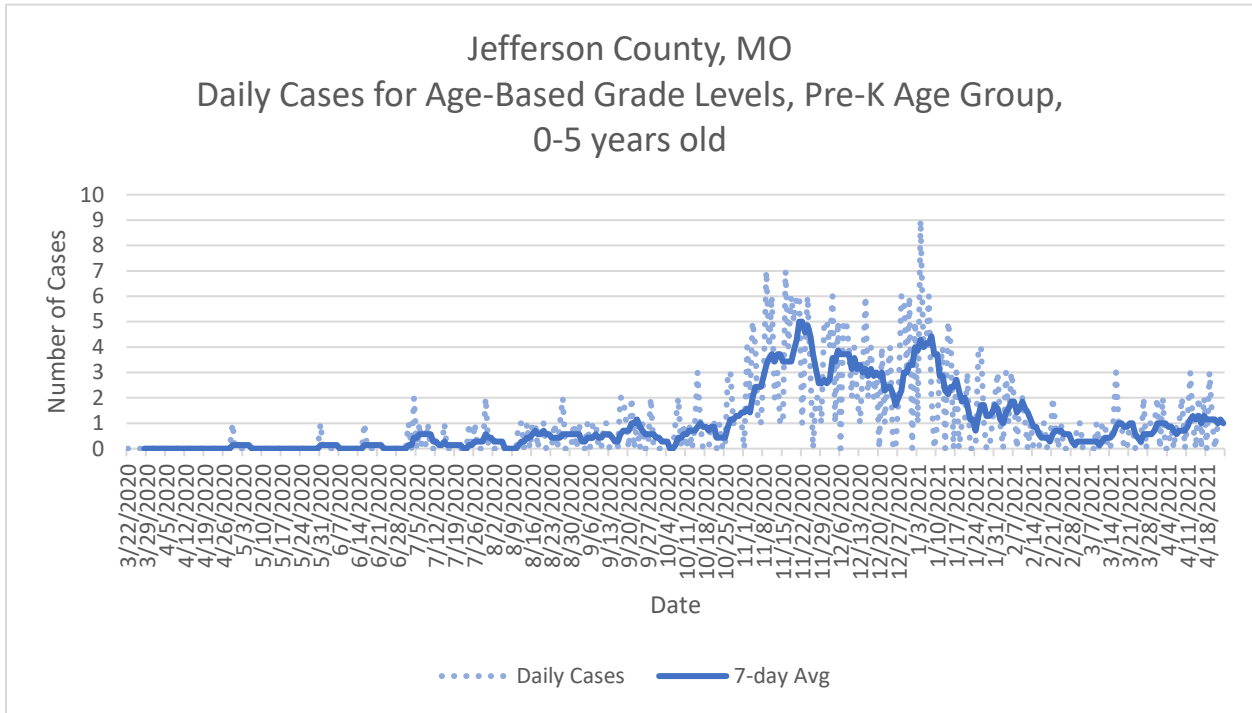


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

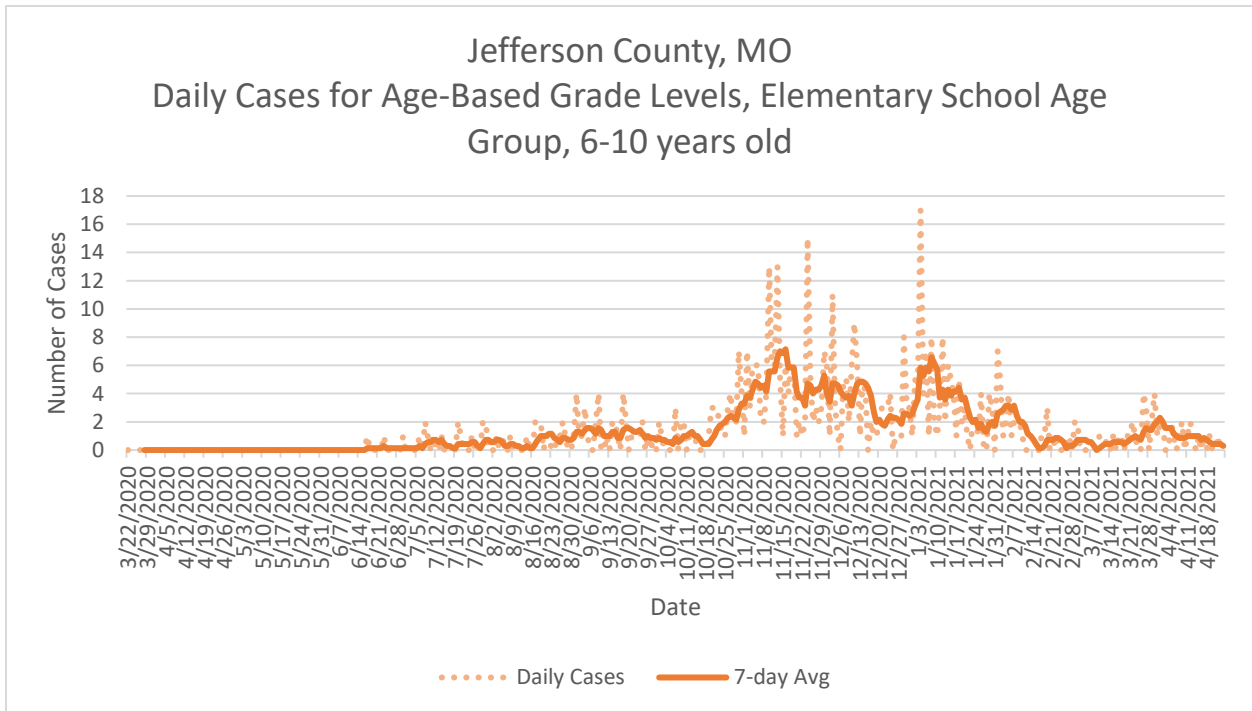


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

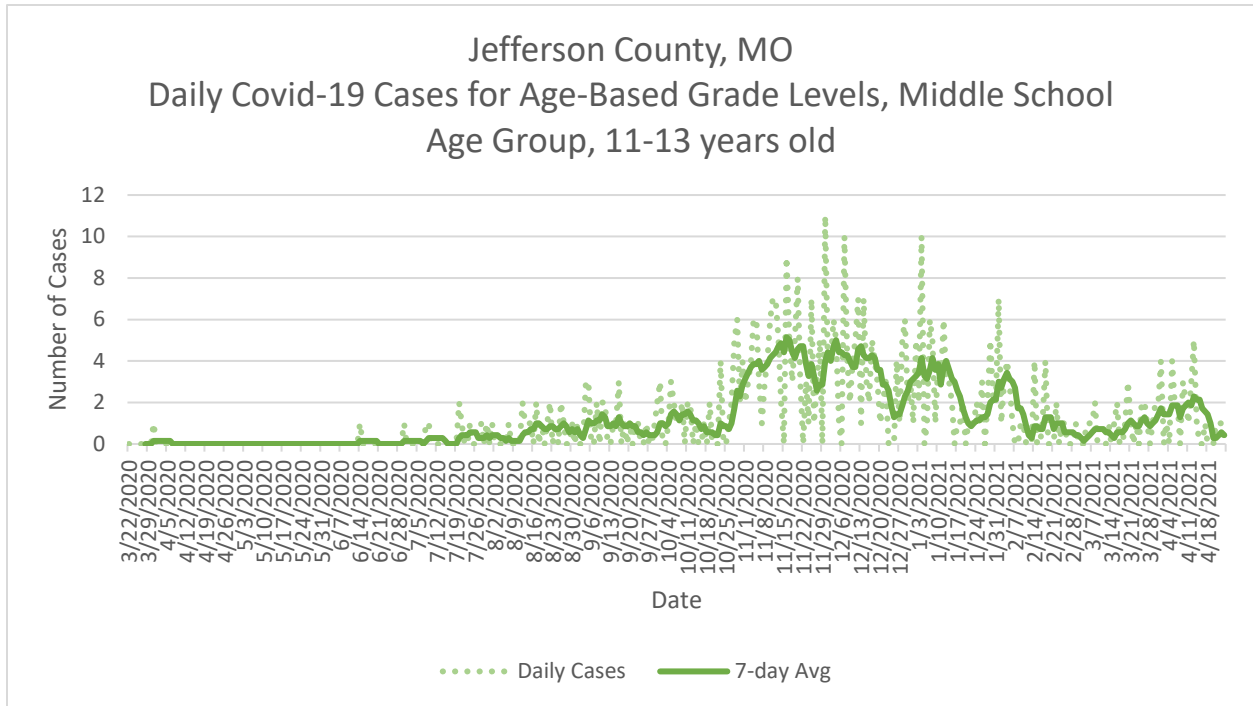


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

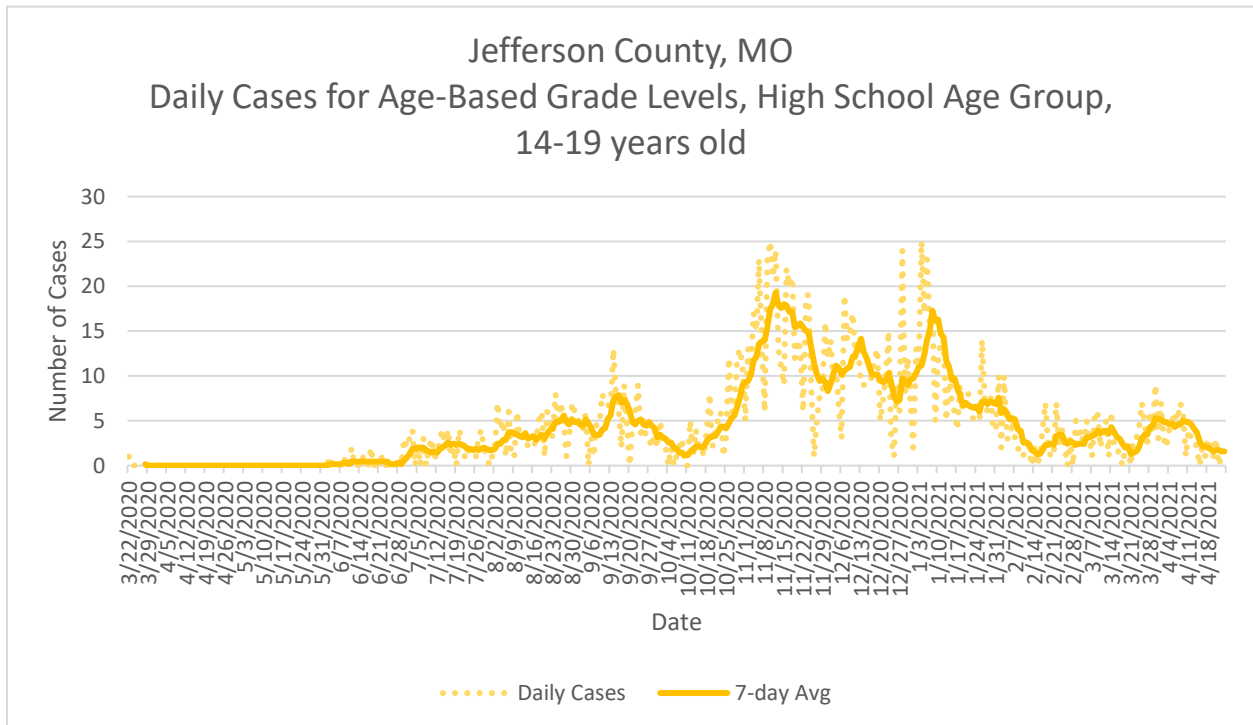


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

