



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 41: October 10- October 16

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

SUMMARY:

- During Week 41 a total of 411 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 31914 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 41.
- During Week 41 a total of three Covid-19 associated deaths were reported in Jefferson County. A cumulative total of 320 Covid-19 associated deaths have been reported in Jefferson County as of Week 41.
- Two outbreaks of Covid-19 were reported in long-term care facilities (LTCF) in Jefferson County during Week 41.¹

¹ Outbreaks 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
1	1/3/2021	1219	17708
2	1/10/2021	885	18593
3	1/17/2021	629	19222
4	1/24/2021	519	19741
5	1/31/2021	372	20113
6	2/7/2021	253	20366
7	2/14/2021	210	20576
8	2/21/2021	189	20765
9	2/28/2021	169	20934
10	3/7/2021	174	21108
11	3/14/2021	207	21315
12	3/21/2021	281	21596
13	3/28/2021	313	21909
14	4/4/2021	327	22236
15	4/11/2021	264	22500
16	4/18/2021	202	22702
17	4/25/2021	181	22883
18	5/2/2021	137	23020
19	5/9/2021	112	23132
20	5/16/2021	74	23206
21	5/23/2021	58	23264
22	5/30/2021	57	23321
23	6/6/2021	55	23376
24	6/13/2021	72	23448
25	6/20/2021	88	23536
26	6/27/2021	145	23681
27	7/4/2021	179	23860
28	7/11/2021	294	24154
29	7/18/2021	424	24578
30	7/25/2021	588	25166
31	8/1/2021	610	25776
32	8/8/2021	606	26382
33	8/15/2021	556	26938
34	8/22/2021	584	27522
35	8/29/2021	698	28220
36	9/5/2021	729	28949
37	9/12/2021	777	29726
38	9/19/2021	663	30389
39	9/26/2021	581	30970
40	10/3/2021	533	31503
41	10/10/2021	411	31914

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

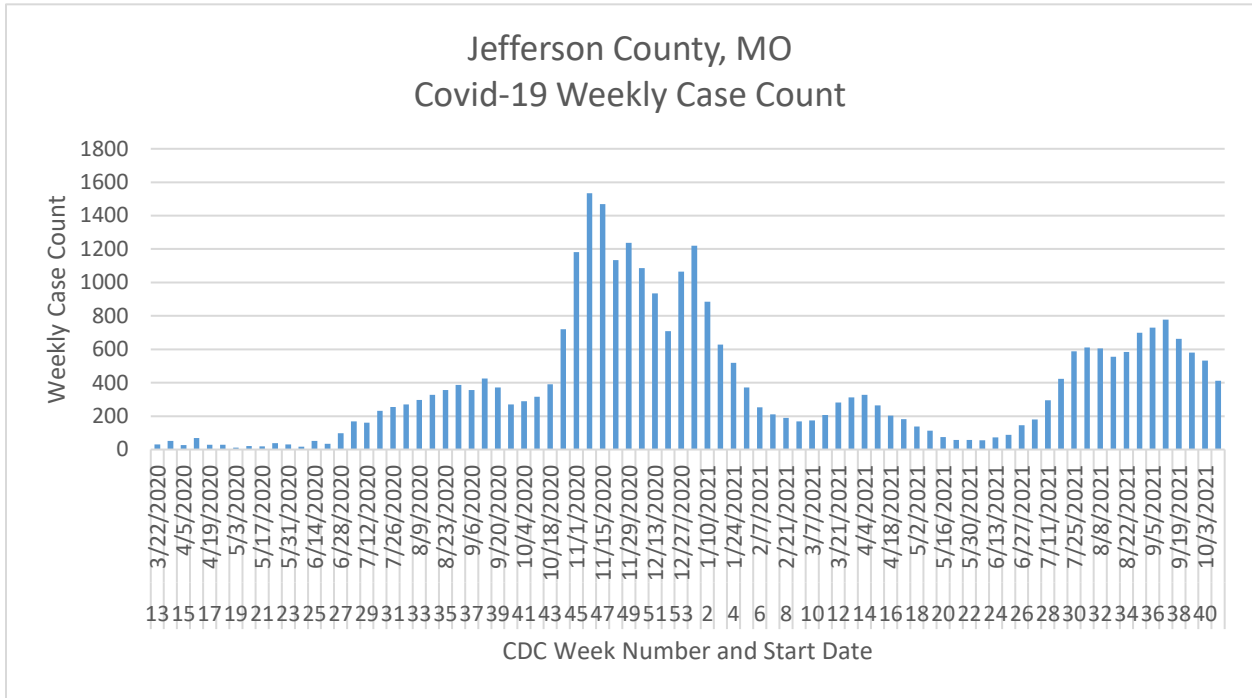


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

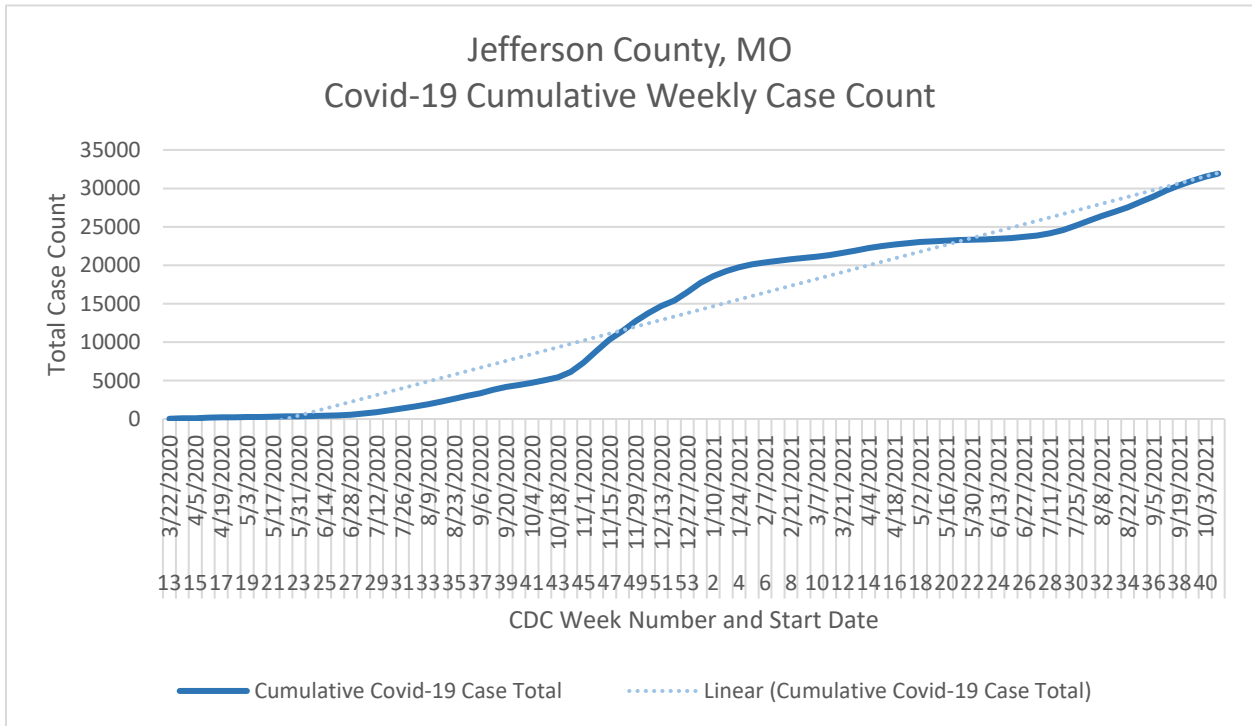


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

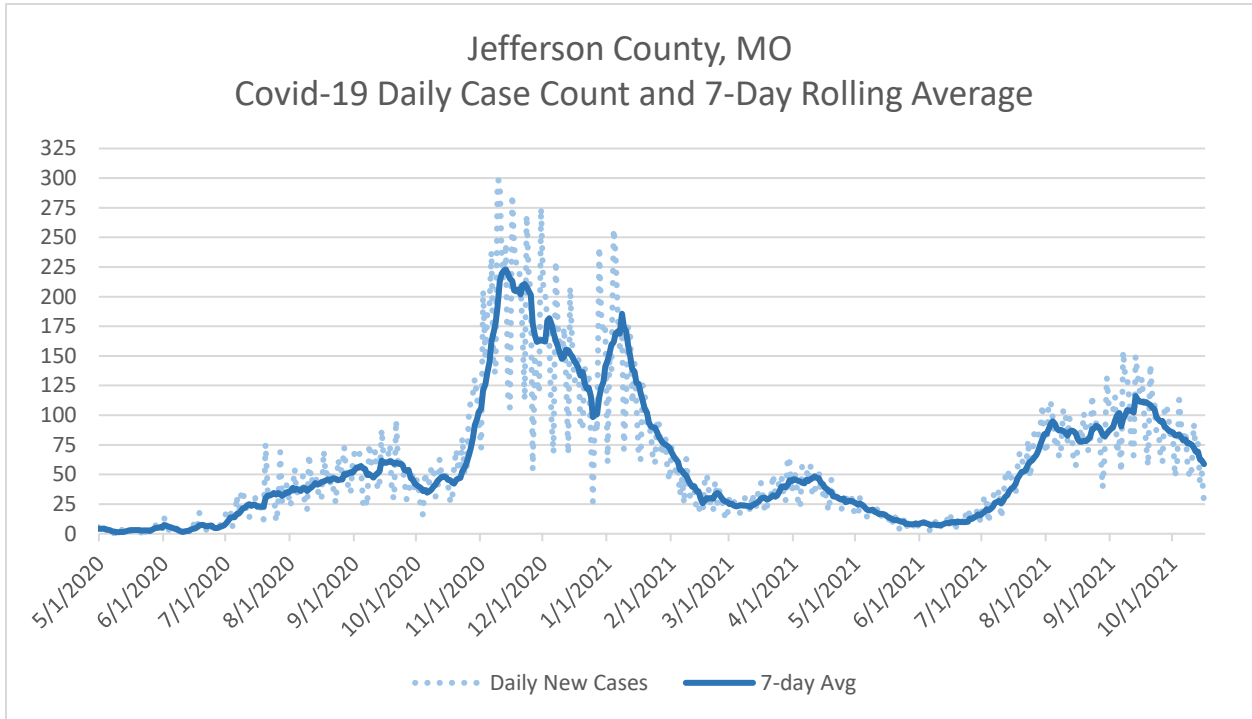


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

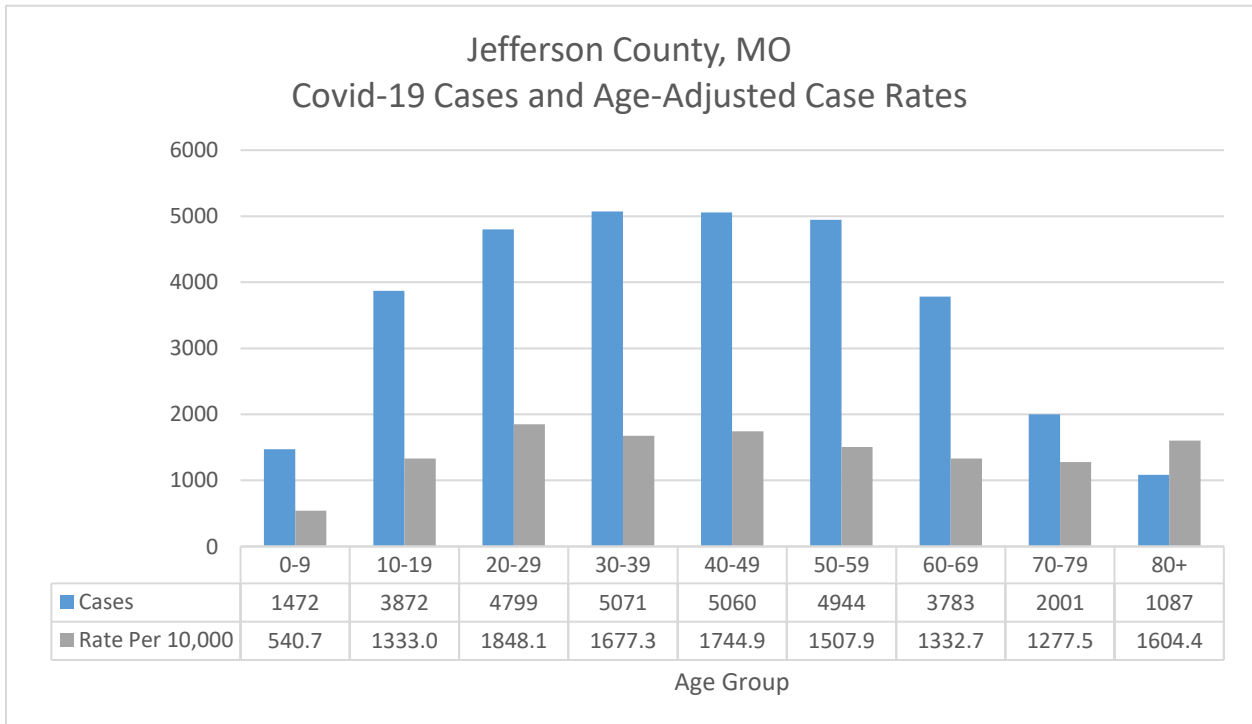


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

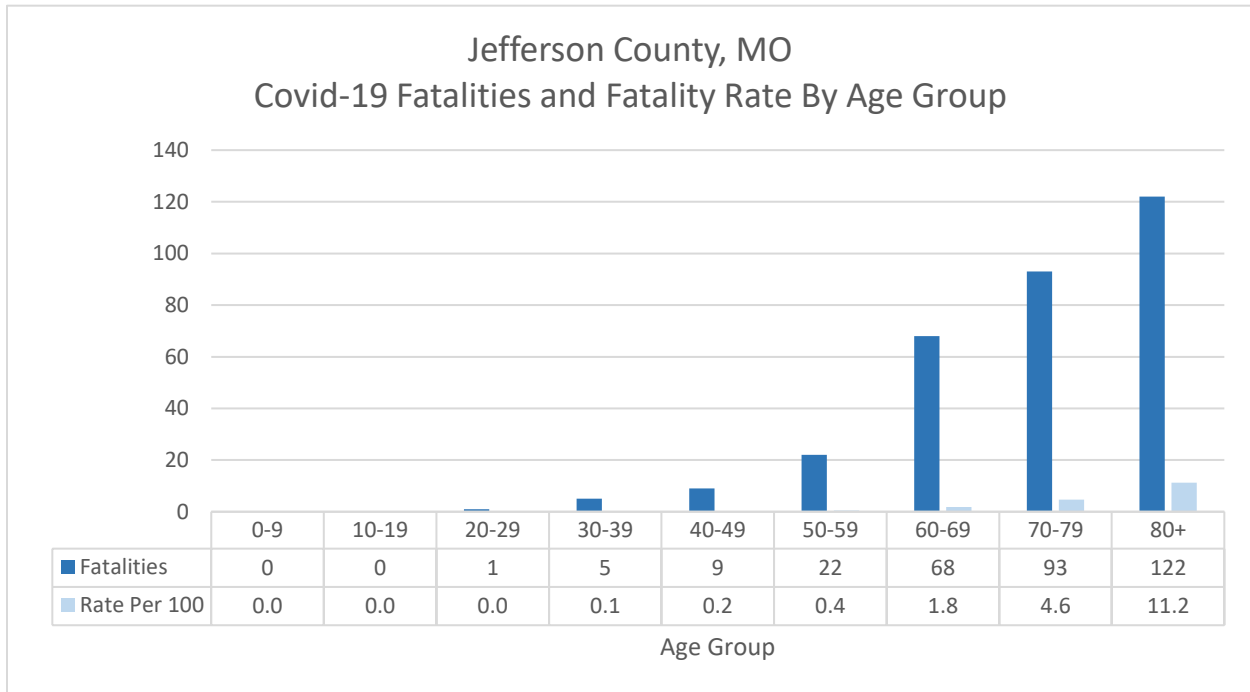


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.00%
Missouri	1.41%
US	1.61%

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

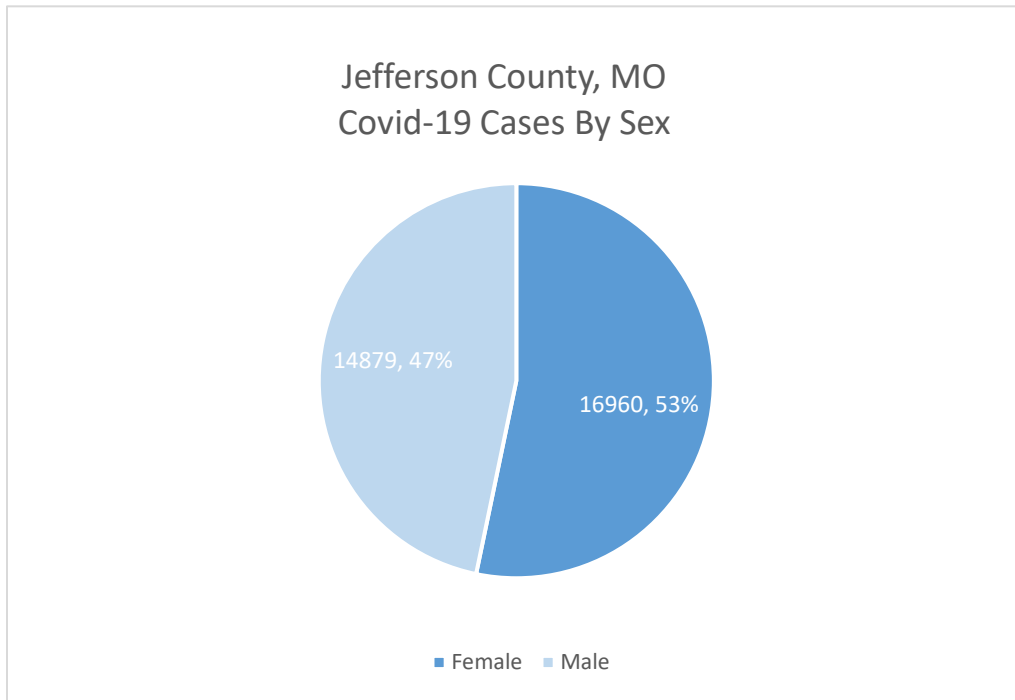


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

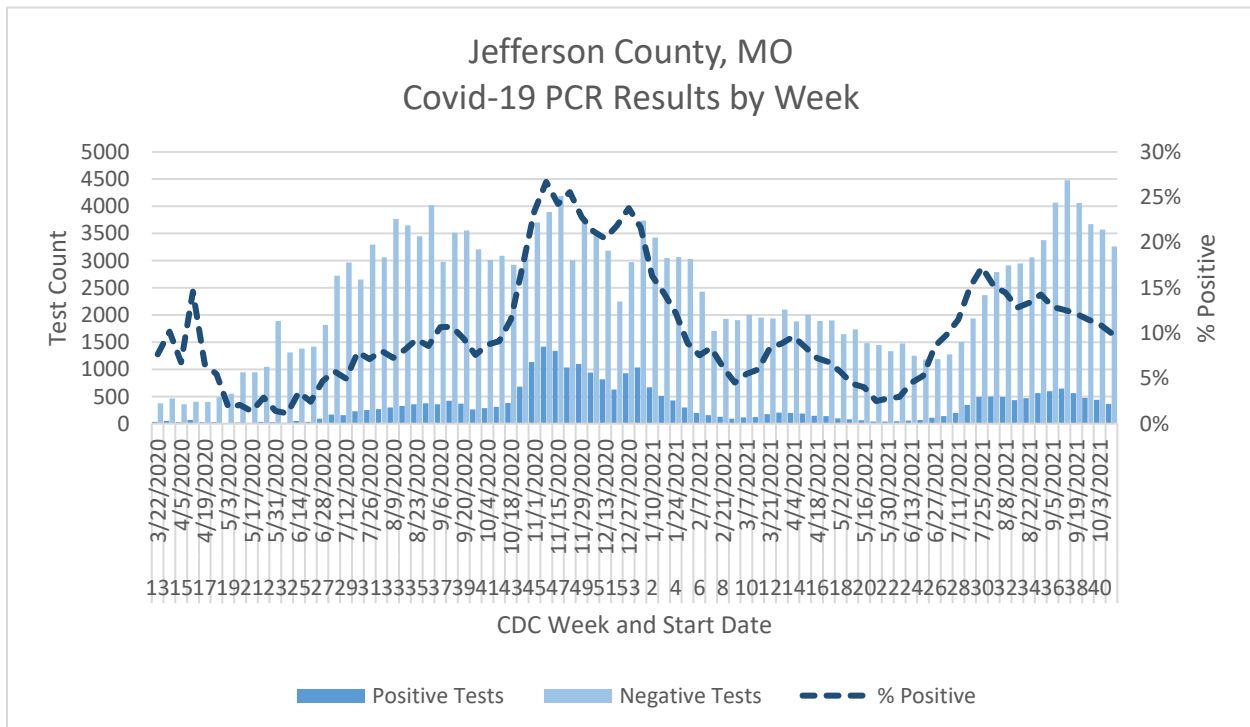


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

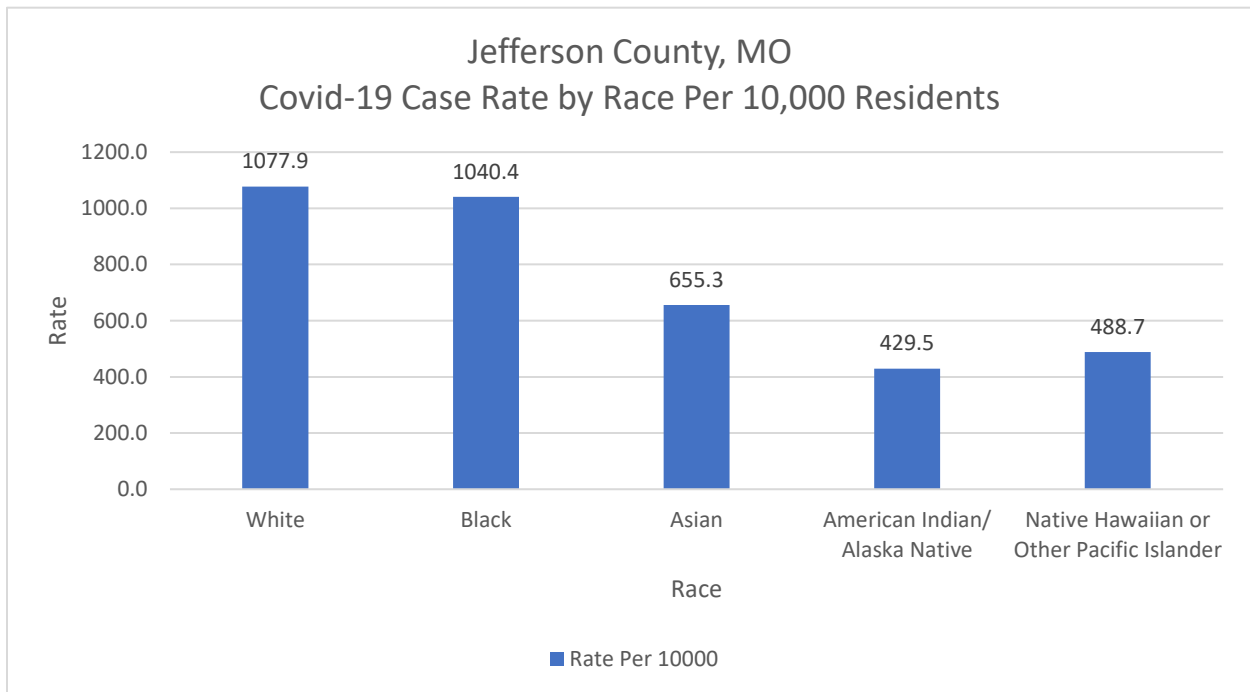
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
52	12/20/2020	629	2247	2876	21.9%
53	12/27/2020	928	2969	3897	23.8%
1	1/3/2021	1035	3737	4772	21.7%
2	1/10/2021	666	3422	4088	16.3%
3	1/17/2021	512	3047	3559	14.4%
4	1/24/2021	426	3067	3493	12.2%
5	1/31/2021	296	3029	3325	8.9%
6	2/7/2021	198	2432	2630	7.5%
7	2/14/2021	155	1703	1858	8.3%
8	2/21/2021	129	1926	2055	6.3%
9	2/28/2021	91	1908	1999	4.6%
10	3/7/2021	117	2008	2125	5.5%
11	3/14/2021	124	1950	2074	6.0%
12	3/21/2021	176	1932	2108	8.3%
13	3/28/2021	204	2099	2303	8.9%
14	4/4/2021	200	1880	2080	9.6%
15	4/11/2021	185	2007	2192	8.4%
16	4/18/2021	147	1886	2033	7.2%
17	4/25/2021	139	1900	2039	6.8%
18	5/2/2021	100	1647	1747	5.7%
19	5/9/2021	80	1732	1812	4.4%
20	5/16/2021	62	1482	1544	4.0%
21	5/23/2021	37	1445	1482	2.5%
22	5/30/2021	38	1334	1372	2.8%
23	6/6/2021	45	1478	1523	3.0%
24	6/13/2021	59	1251	1310	4.5%
25	6/20/2021	66	1181	1247	5.3%
26	6/27/2021	111	1184	1295	8.6%
27	7/4/2021	139	1277	1416	9.8%
28	7/11/2021	196	1507	1703	11.5%
29	7/18/2021	344	1934	2278	15.1%
30	7/25/2021	493	2366	2859	17.2%
31	8/1/2021	499	2790	3289	15.2%
32	8/8/2021	492	2910	3402	14.5%
33	8/15/2021	433	2947	3380	12.8%
34	8/22/2021	471	3057	3528	13.4%
35	8/29/2021	562	3380	3942	14.3%
36	9/5/2021	600	4064	4664	12.9%
37	9/12/2021	644	4481	5125	12.6%
38	9/19/2021	561	4058	4619	12.1%
39	9/26/2021	477	3670	4147	11.5%
40	10/3/2021	441	3574	4015	11.0%
41	10/10/2021	361	3261	3622	10.0%

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

Race	Cases	Rate Per 10000
White	23315	1077.9
Black	281	1040.4
Asian	118	655.3
American Indian/ Alaska Native	29	429.5
Native Hawaiian or Other Pacific Islander	11	488.7
Unknown	3865	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 Active Cases by Zip Code, Jefferson County, Missouri

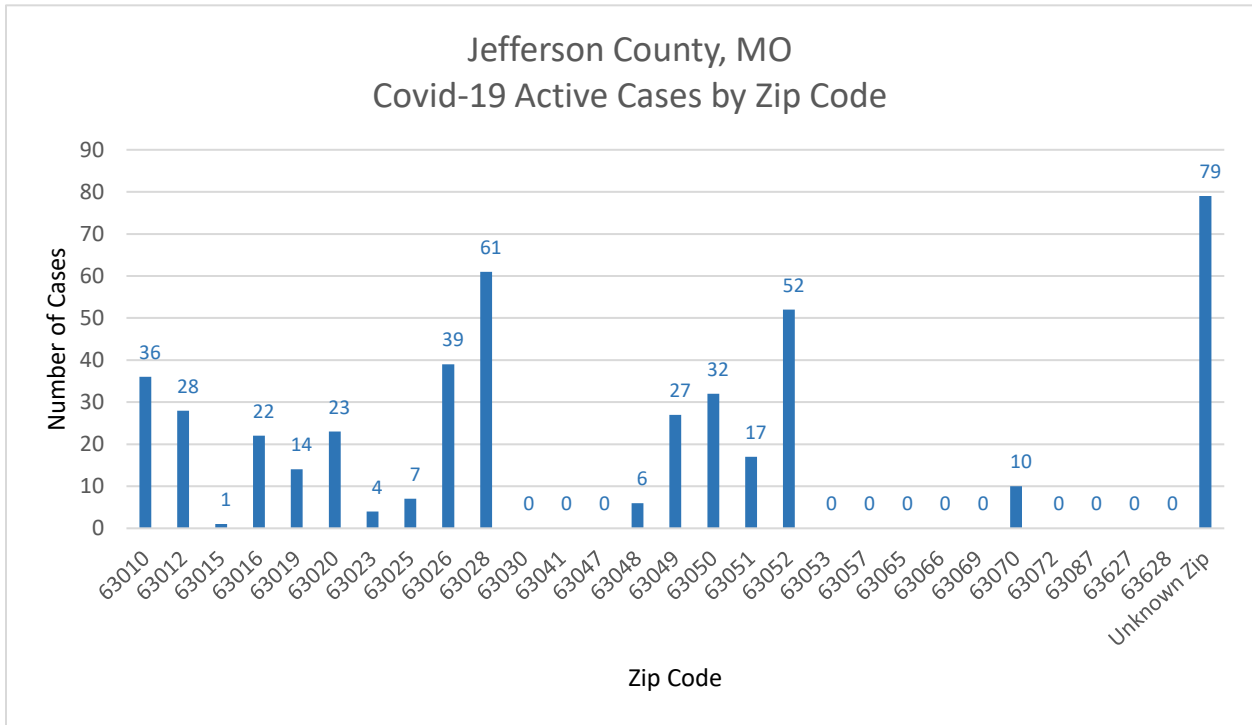
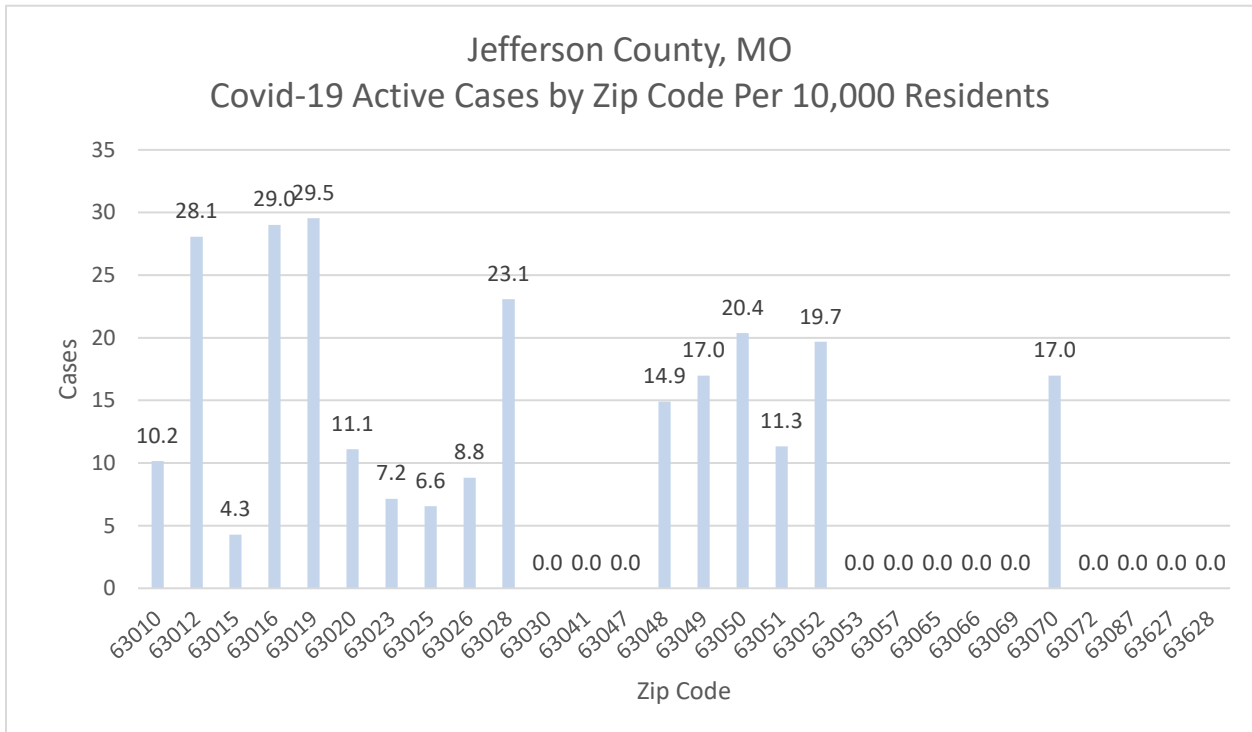


Figure 10. Covid-19 Active Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 41: October 10- October 16

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

SUMMARY:

- During Week 41 a total of 101 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 5288 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
2	1/10/2021	126	2340
3	1/17/2021	73	2413
4	1/24/2021	84	2497
5	1/31/2021	92	2589
6	2/7/2021	28	2617
7	2/14/2021	33	2650
8	2/21/2021	30	2680
9	2/28/2021	32	2712
10	3/7/2021	35	2747
11	3/14/2021	31	2778
12	3/21/2021	44	2822
13	3/28/2021	61	2883
14	4/4/2021	58	2941
15	4/11/2021	48	2989
16	4/18/2021	43	3032
17	4/25/2021	48	3080
18	5/2/2021	34	3114
19	5/9/2021	22	3136
20	5/16/2021	12	3148
21	5/23/2021	6	3154
22	5/30/2021	4	3158
23	6/6/2021	7	3165
24	6/13/2021	13	3178
25	6/20/2021	26	3204
26	6/27/2021	25	3229
27	7/4/2021	34	3263
28	7/11/2021	63	3326
29	7/18/2021	76	3402
30	7/25/2021	104	3506
31	8/1/2021	101	3607
32	8/8/2021	105	3712
33	8/15/2021	112	3824
34	8/22/2021	103	3927
35	8/29/2021	211	4138
36	9/5/2021	241	4379
37	9/12/2021	256	4635
38	9/19/2021	221	4856
39	9/26/2021	173	5029
40	10/3/2021	158	5187
41	10/10/2021	101	5288

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

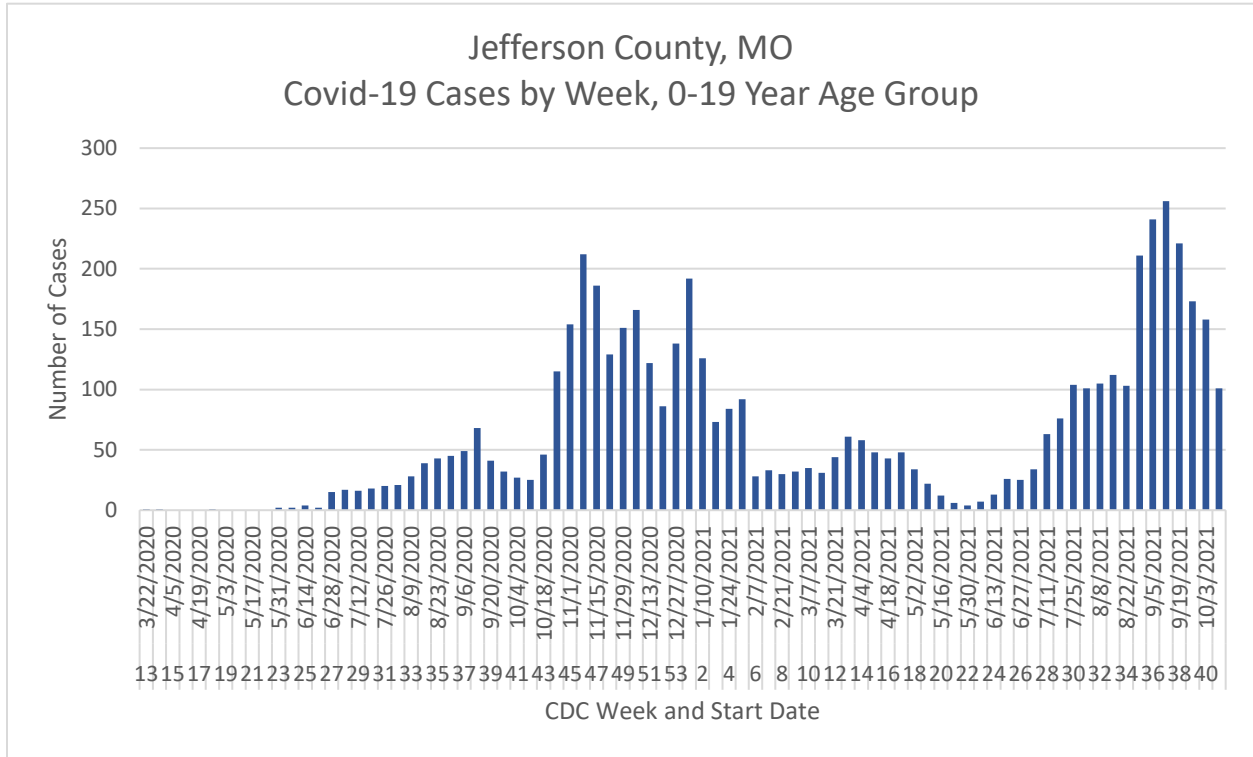


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	1,472	4.59%
10-19	3,872	12.07%
20+	26,745	83.35%

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

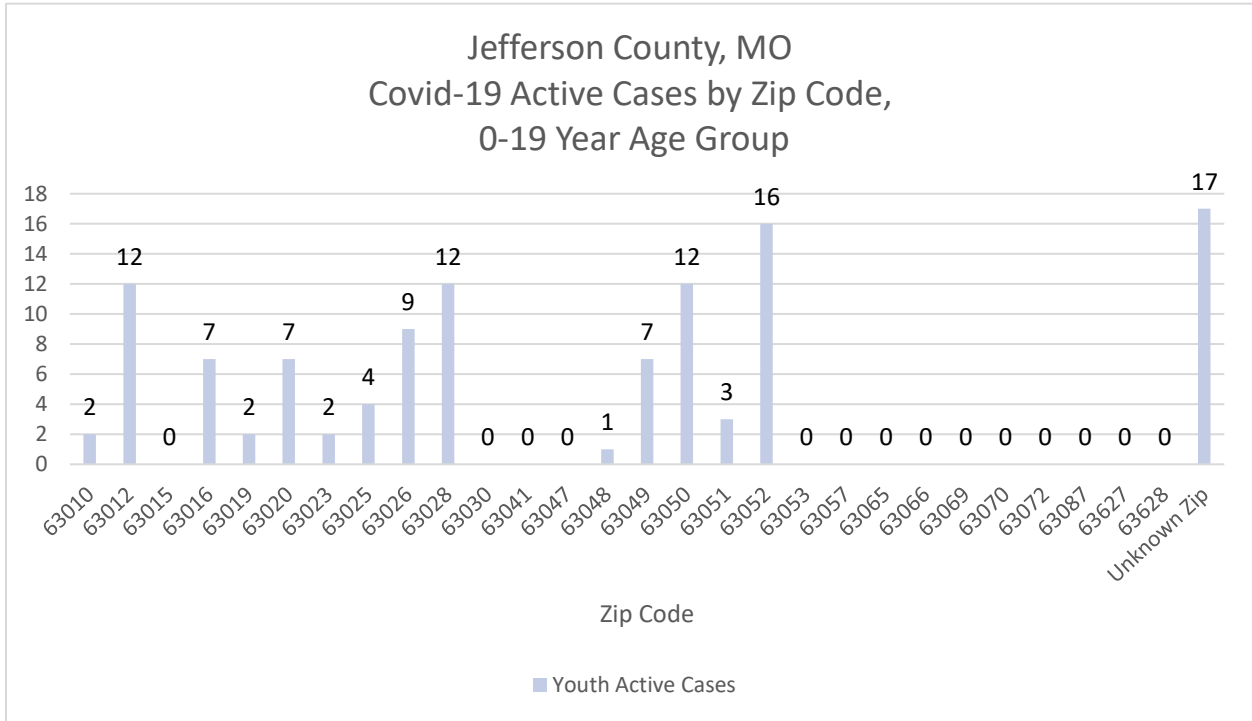


Figure 3. Covid-19 Active and Cumulative Cases by Age-Based Grade Levels, Jefferson County, Missouri

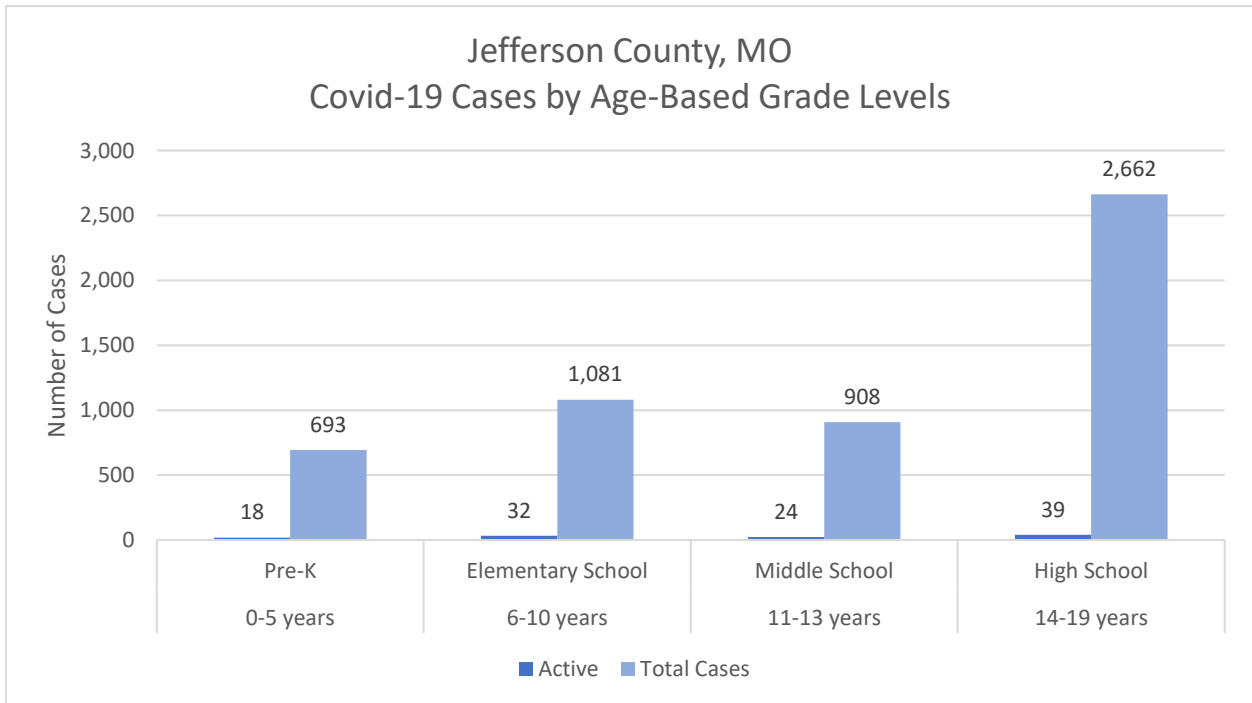


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

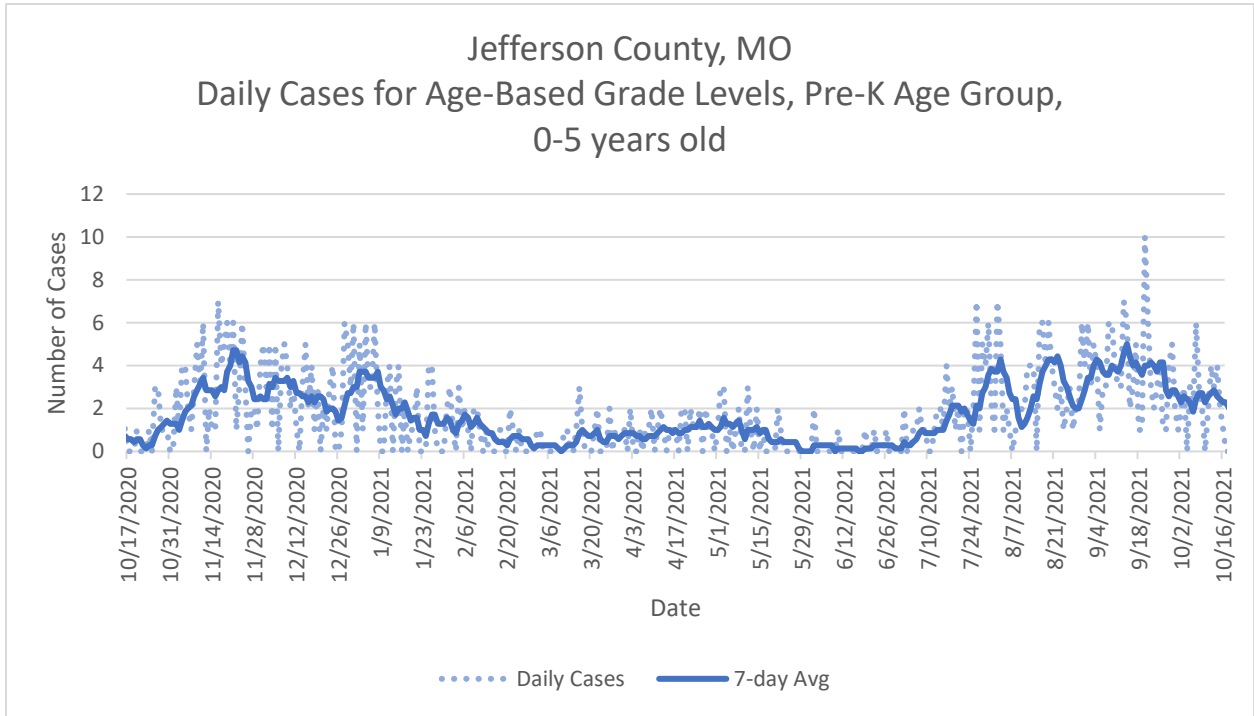


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

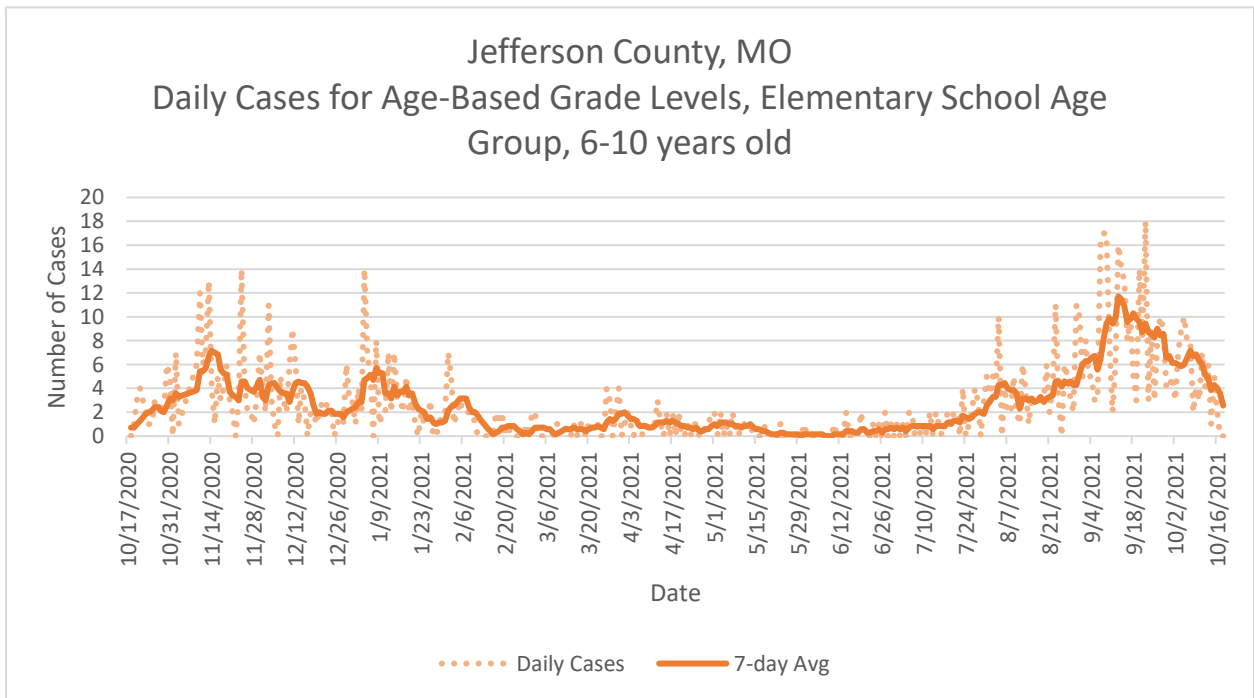


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

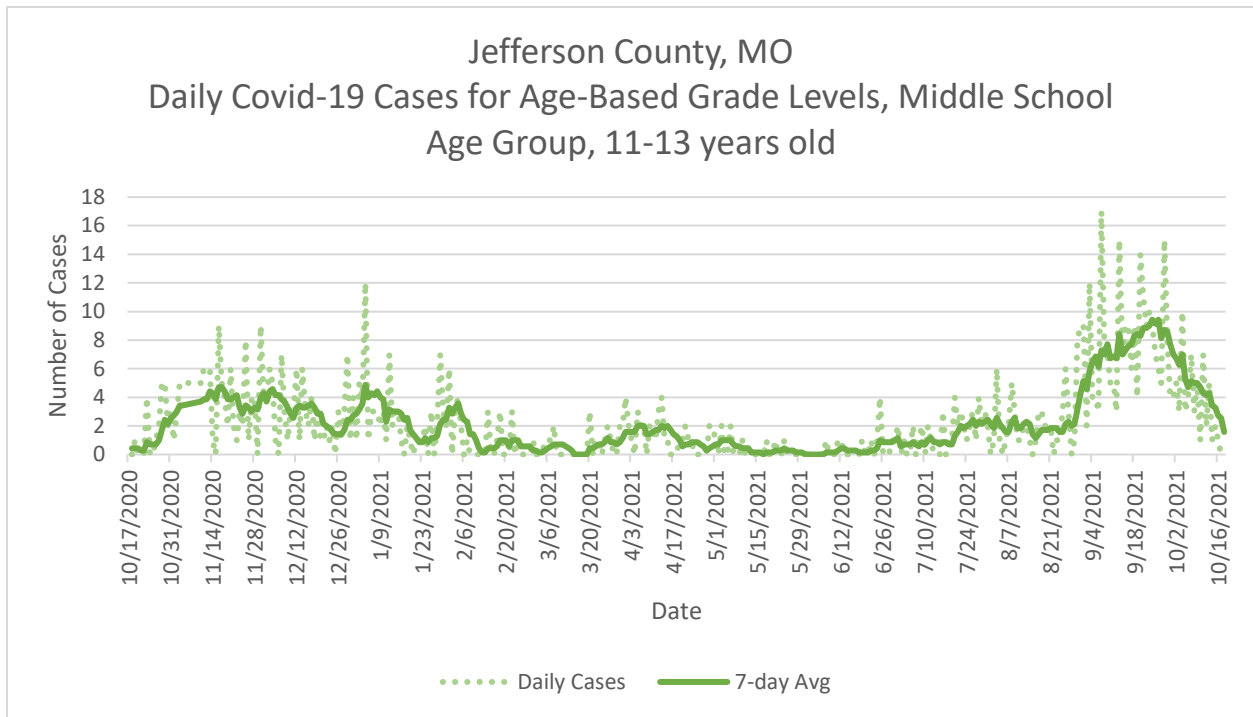


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

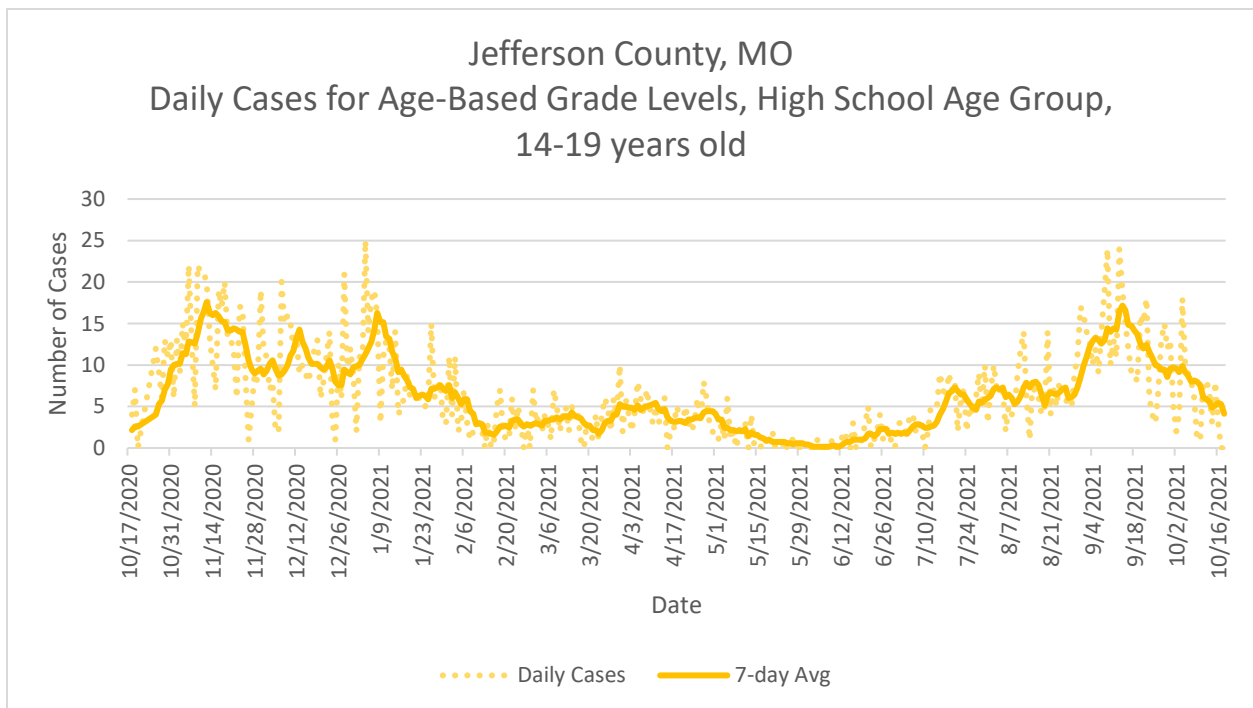


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

