



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 42: October 17- October 23

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

SUMMARY:

- During Week 42 a total of 341 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 32267 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 42.
- During Week 42 a total of four Covid-19 associated deaths were reported in Jefferson County. A cumulative total of 324 Covid-19 associated deaths have been reported in Jefferson County as of Week 42.
- Two outbreaks of Covid-19 were reported in long-term care facilities (LTCF) in Jefferson County during Week 42.¹

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
2	1/10/2021	885	18586
3	1/17/2021	629	19215
4	1/24/2021	519	19734
5	1/31/2021	372	20106
6	2/7/2021	253	20359
7	2/14/2021	210	20569
8	2/21/2021	189	20758
9	2/28/2021	169	20927
10	3/7/2021	174	21101
11	3/14/2021	207	21308
12	3/21/2021	280	21588
13	3/28/2021	313	21901
14	4/4/2021	327	22228
15	4/11/2021	263	22491
16	4/18/2021	201	22692
17	4/25/2021	181	22873
18	5/2/2021	137	23010
19	5/9/2021	112	23122
20	5/16/2021	74	23196
21	5/23/2021	57	23253
22	5/30/2021	57	23310
23	6/6/2021	55	23365
24	6/13/2021	72	23437
25	6/20/2021	88	23525
26	6/27/2021	145	23670
27	7/4/2021	178	23848
28	7/11/2021	294	24142
29	7/18/2021	399	24541
30	7/25/2021	598	25139
31	8/1/2021	614	25753
32	8/8/2021	610	26363
33	8/15/2021	559	26922
34	8/22/2021	586	27508
35	8/29/2021	699	28207
36	9/5/2021	731	28938
37	9/12/2021	777	29715
38	9/19/2021	668	30383
39	9/26/2021	588	30971
40	10/3/2021	537	31508
41	10/10/2021	418	31926
42	10/17/2021	341	32267

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

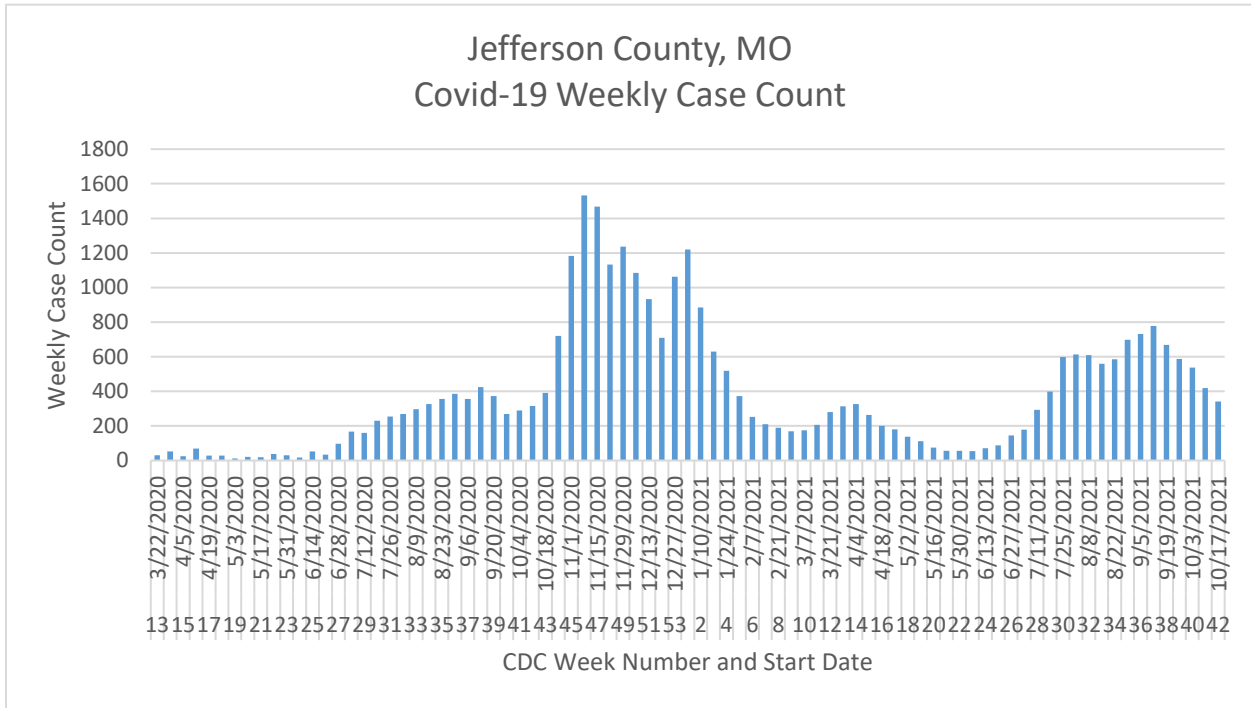


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

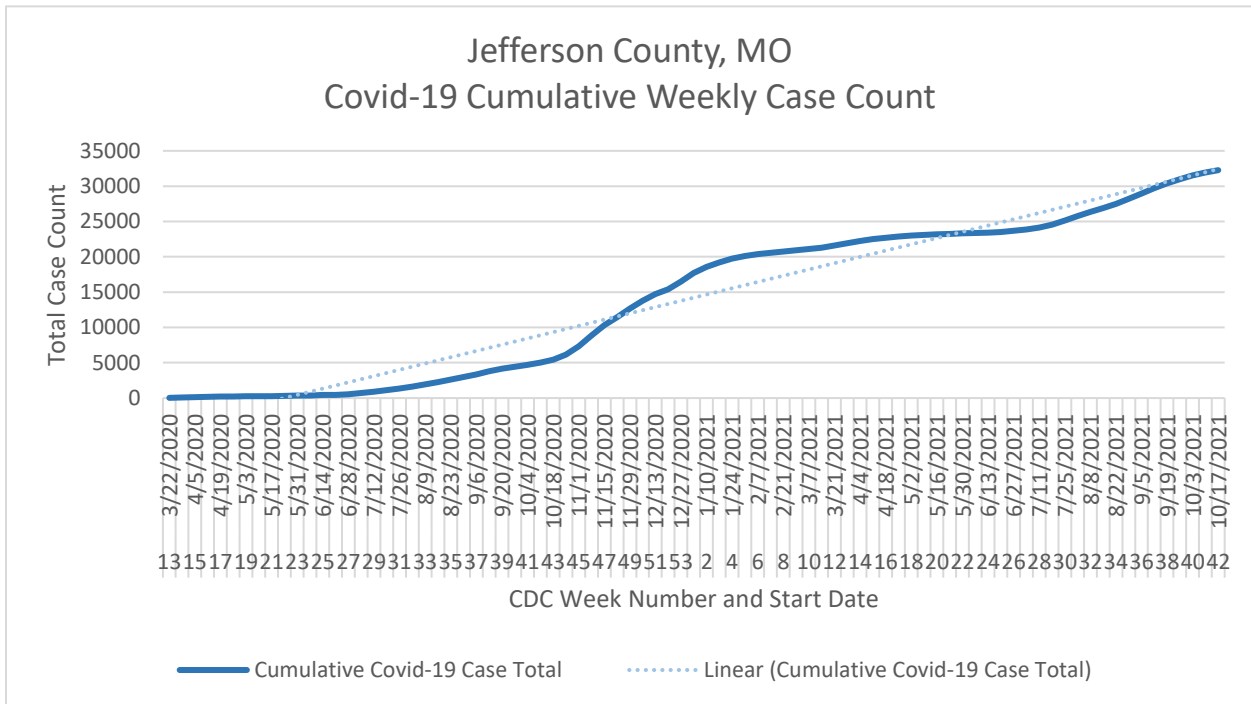


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

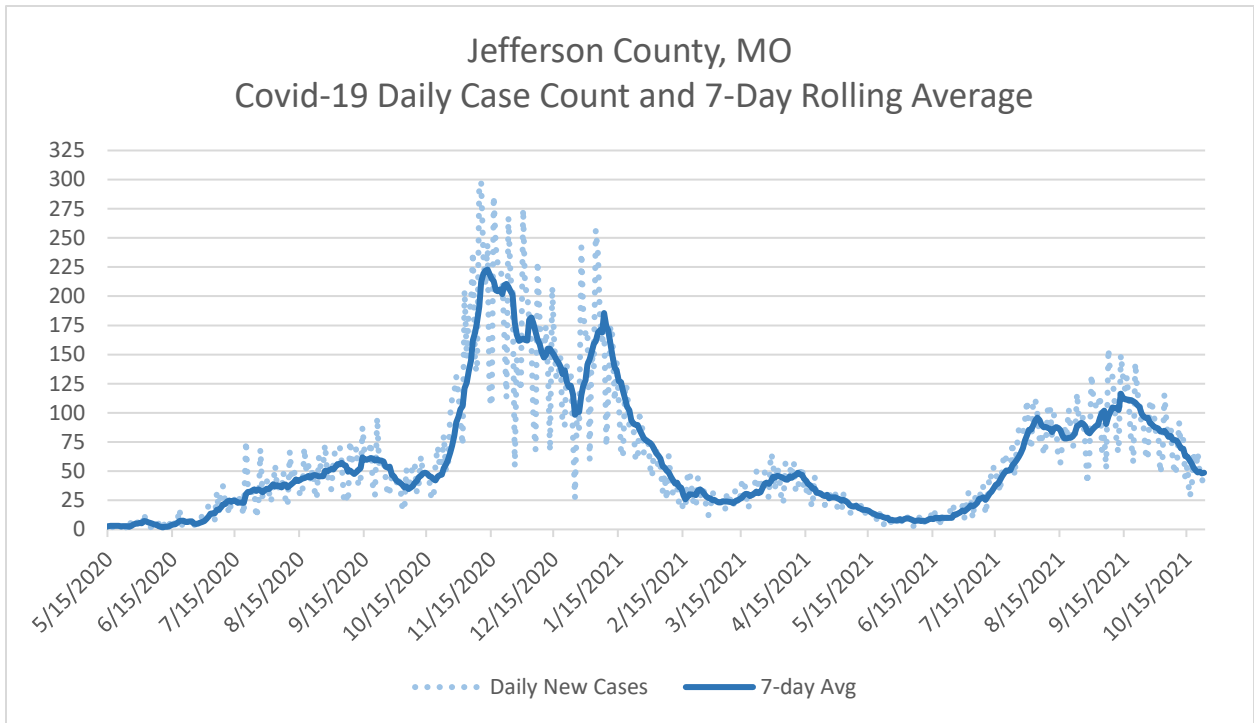


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

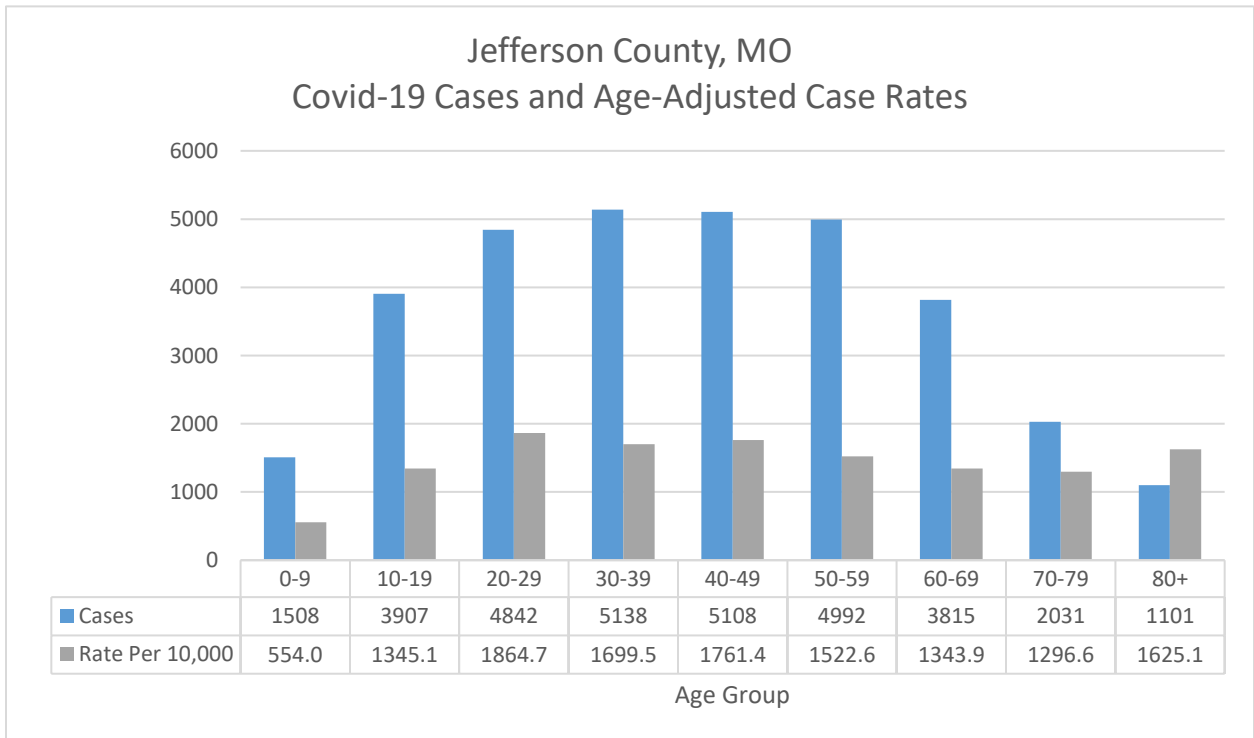


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

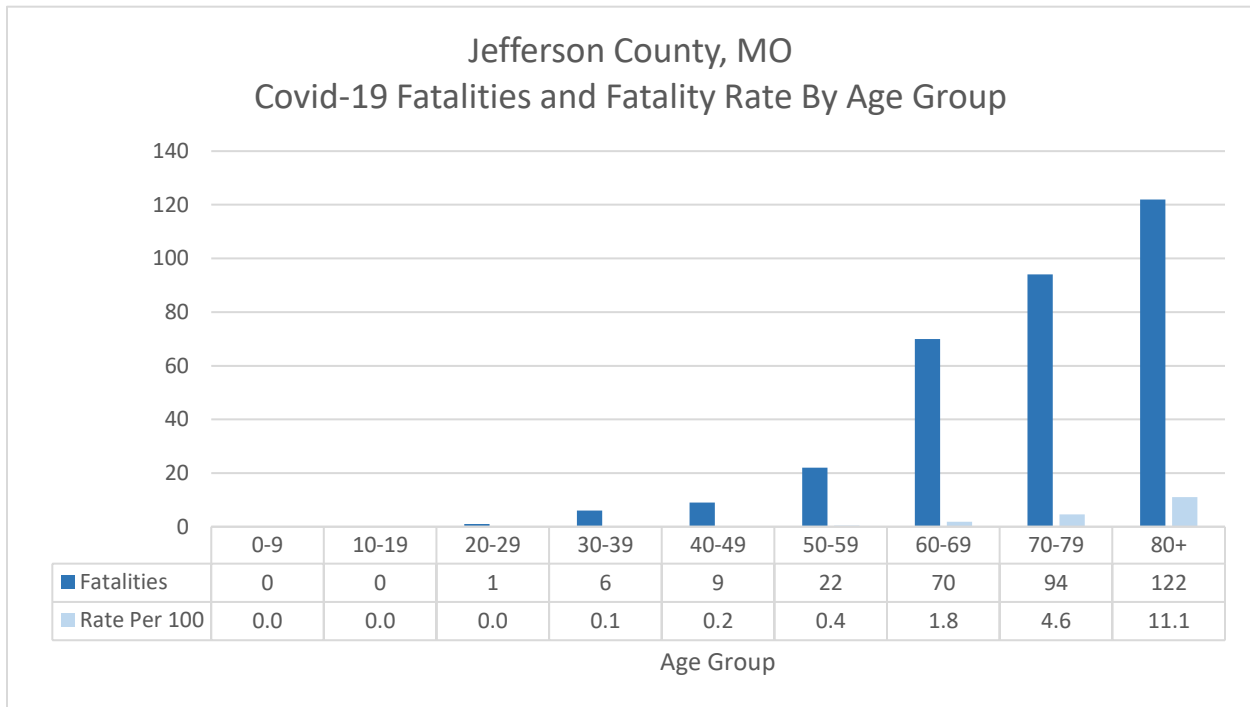


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.00%
Missouri	1.41%
US	1.62%

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

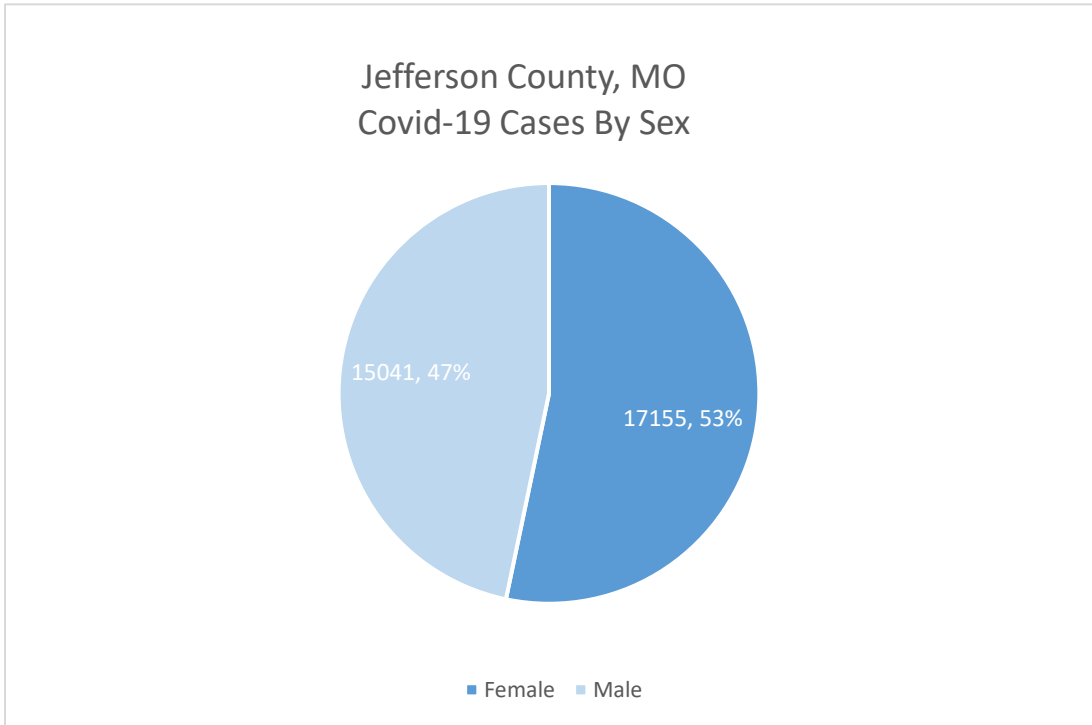


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

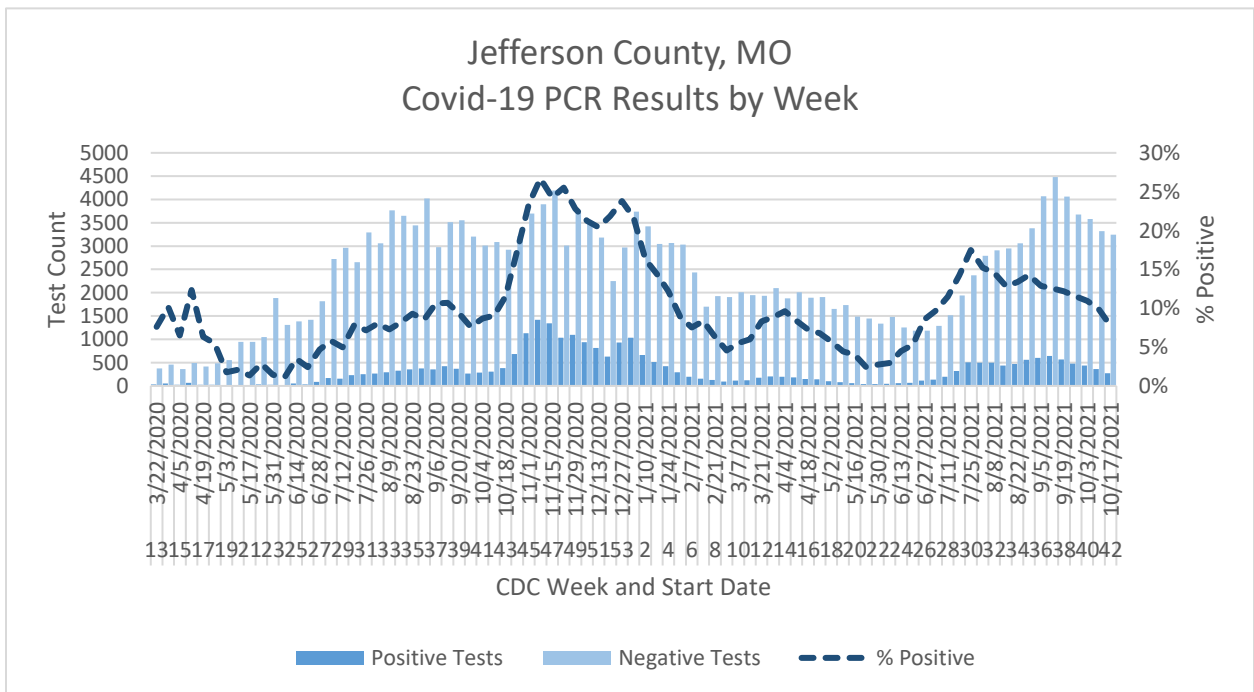


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

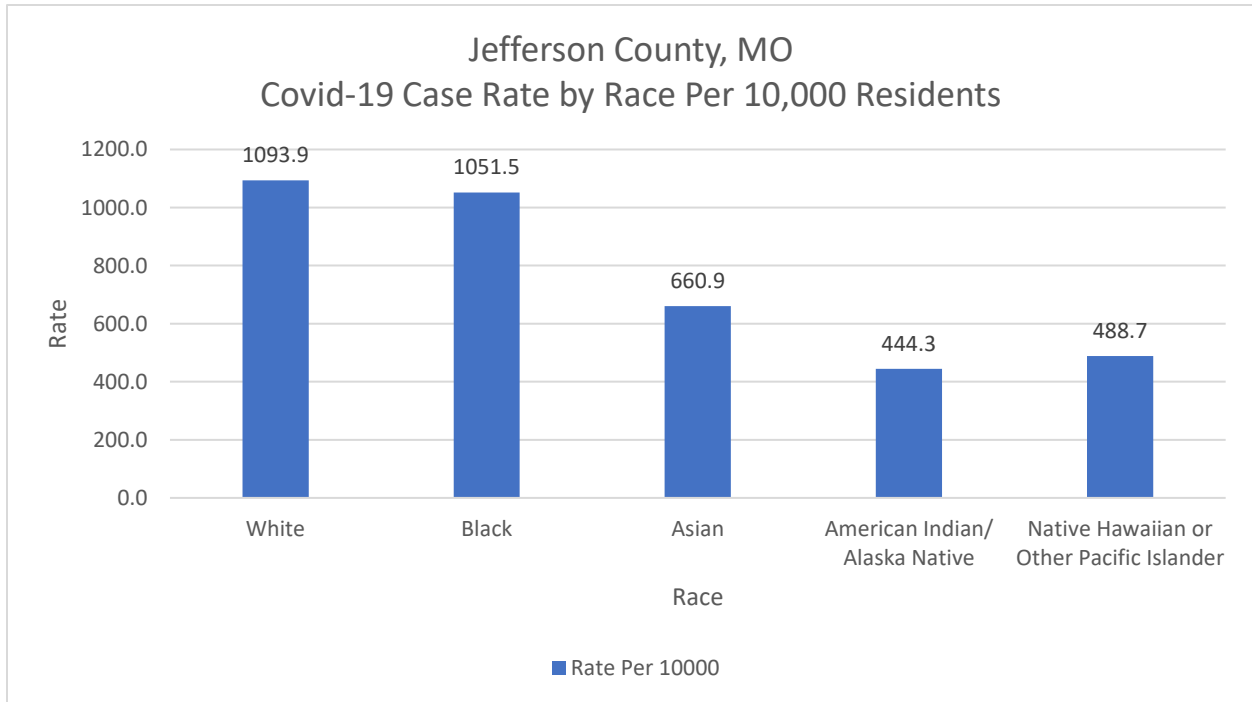
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
53	12/27/2020	928	2970	3898	23.8%
1	1/3/2021	1035	3738	4773	21.7%
2	1/10/2021	666	3422	4088	16.3%
3	1/17/2021	512	3047	3559	14.4%
4	1/24/2021	426	3067	3493	12.2%
5	1/31/2021	296	3029	3325	8.9%
6	2/7/2021	198	2434	2632	7.5%
7	2/14/2021	155	1703	1858	8.3%
8	2/21/2021	129	1927	2056	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	175	1932	2107	8.3%
13	3/28/2021	204	2099	2303	8.9%
14	4/4/2021	200	1880	2080	9.6%
15	4/11/2021	184	2009	2193	8.4%
16	4/18/2021	147	1889	2036	7.2%
17	4/25/2021	139	1908	2047	6.8%
18	5/2/2021	100	1650	1750	5.7%
19	5/9/2021	80	1732	1812	4.4%
20	5/16/2021	62	1485	1547	4.0%
21	5/23/2021	36	1448	1484	2.4%
22	5/30/2021	38	1338	1376	2.8%
23	6/6/2021	45	1478	1523	3.0%
24	6/13/2021	59	1255	1314	4.5%
25	6/20/2021	66	1182	1248	5.3%
26	6/27/2021	111	1188	1299	8.5%
27	7/4/2021	138	1285	1423	9.7%
28	7/11/2021	196	1512	1708	11.5%
29	7/18/2021	323	1943	2266	14.3%
30	7/25/2021	503	2371	2874	17.5%
31	8/1/2021	502	2792	3294	15.2%
32	8/8/2021	496	2910	3406	14.6%
33	8/15/2021	434	2949	3383	12.8%
34	8/22/2021	472	3058	3530	13.4%
35	8/29/2021	563	3384	3947	14.3%
36	9/5/2021	602	4066	4668	12.9%
37	9/12/2021	644	4482	5126	12.6%
38	9/19/2021	564	4061	4625	12.2%
39	9/26/2021	478	3676	4154	11.5%
40	10/3/2021	440	3583	4023	10.9%
41	10/10/2021	364	3318	3682	9.9%
42	10/17/2021	272	3247	3519	7.7%

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

Race	Cases	Rate Per 10000
White	23662	1093.9
Black	284	1051.5
Asian	119	660.9
American Indian/ Alaska Native	30	444.3
Native Hawaiian or Other Pacific Islander	11	488.7
Unknown	3861	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

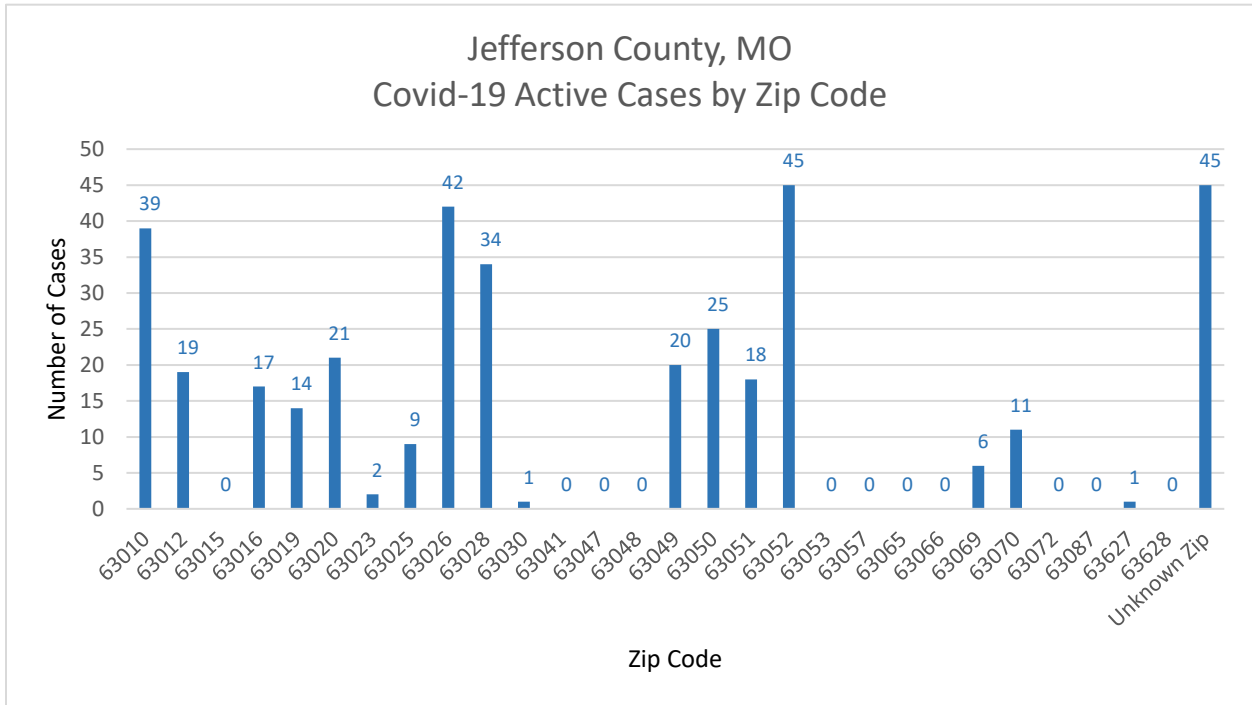
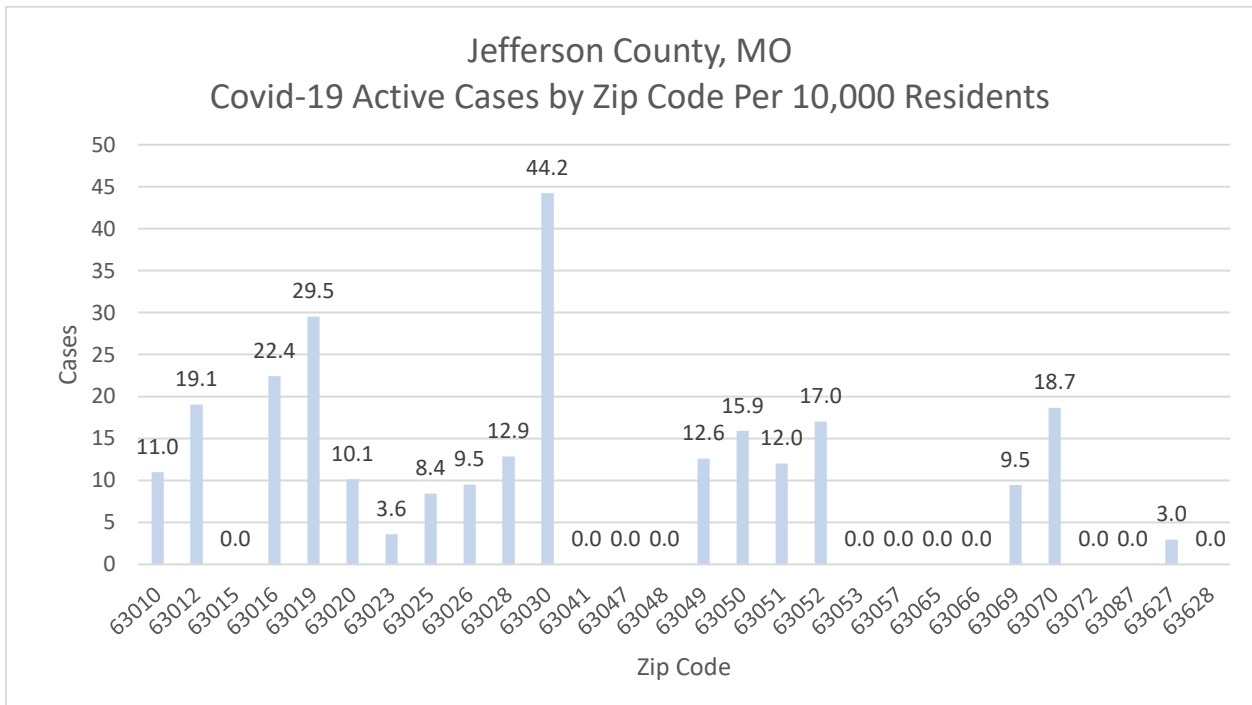


Figure 10. Covid-19 Active Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 42: October 17- October 23

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

SUMMARY:

- During Week 42 a total of 82 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 5359 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
3	1/17/2021	73	2407
4	1/24/2021	84	2491
5	1/31/2021	92	2583
6	2/7/2021	28	2611
7	2/14/2021	33	2644
8	2/21/2021	29	2673
9	2/28/2021	32	2705
10	3/7/2021	35	2740
11	3/14/2021	31	2771
12	3/21/2021	44	2815
13	3/28/2021	61	2876
14	4/4/2021	58	2934
15	4/11/2021	48	2982
16	4/18/2021	43	3025
17	4/25/2021	48	3073
18	5/2/2021	34	3107
19	5/9/2021	22	3129
20	5/16/2021	12	3141
21	5/23/2021	6	3147
22	5/30/2021	4	3151
23	6/6/2021	7	3158
24	6/13/2021	13	3171
25	6/20/2021	26	3197
26	6/27/2021	24	3221
27	7/4/2021	34	3255
28	7/11/2021	63	3318
29	7/18/2021	74	3392
30	7/25/2021	105	3497
31	8/1/2021	100	3597
32	8/8/2021	105	3702
33	8/15/2021	111	3813
34	8/22/2021	103	3916
35	8/29/2021	210	4126
36	9/5/2021	241	4367
37	9/12/2021	255	4622
38	9/19/2021	220	4842
39	9/26/2021	175	5017
40	10/3/2021	158	5175
41	10/10/2021	102	5277
42	10/17/2021	82	5359

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

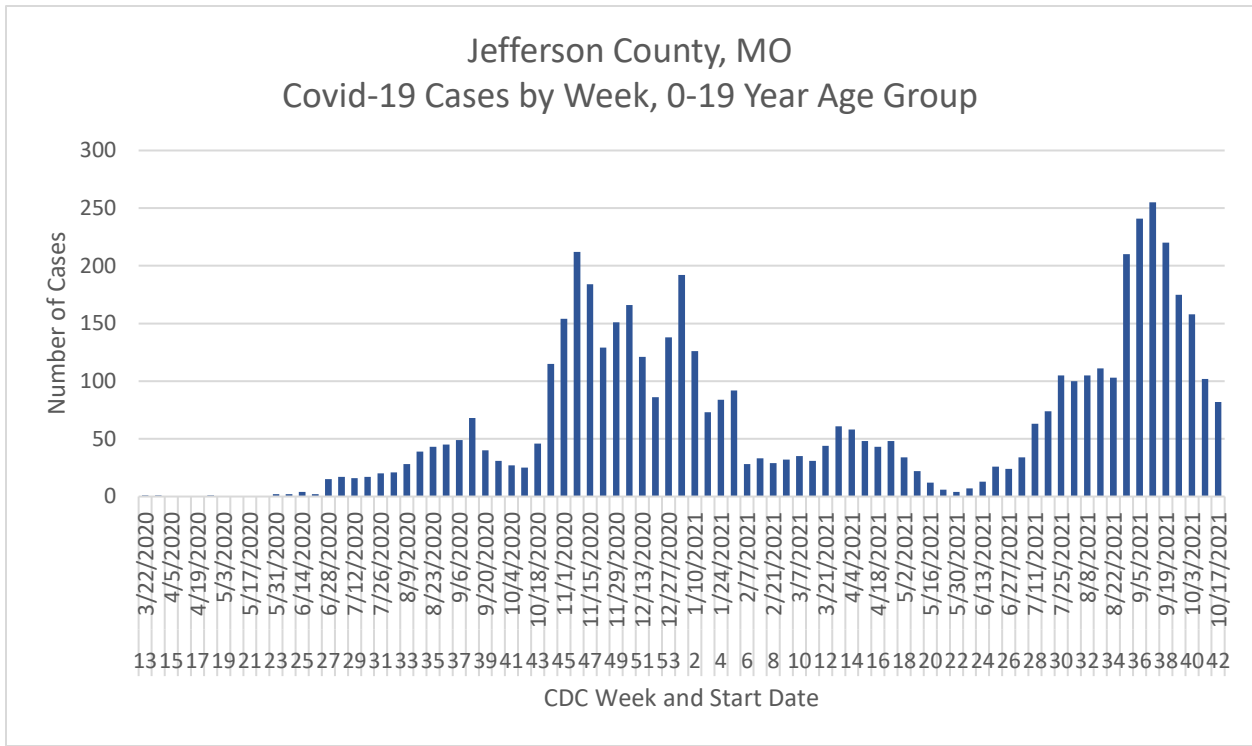


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	1,508	4.65%
10-19	3,907	12.04%
20+	27,027	83.31%

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

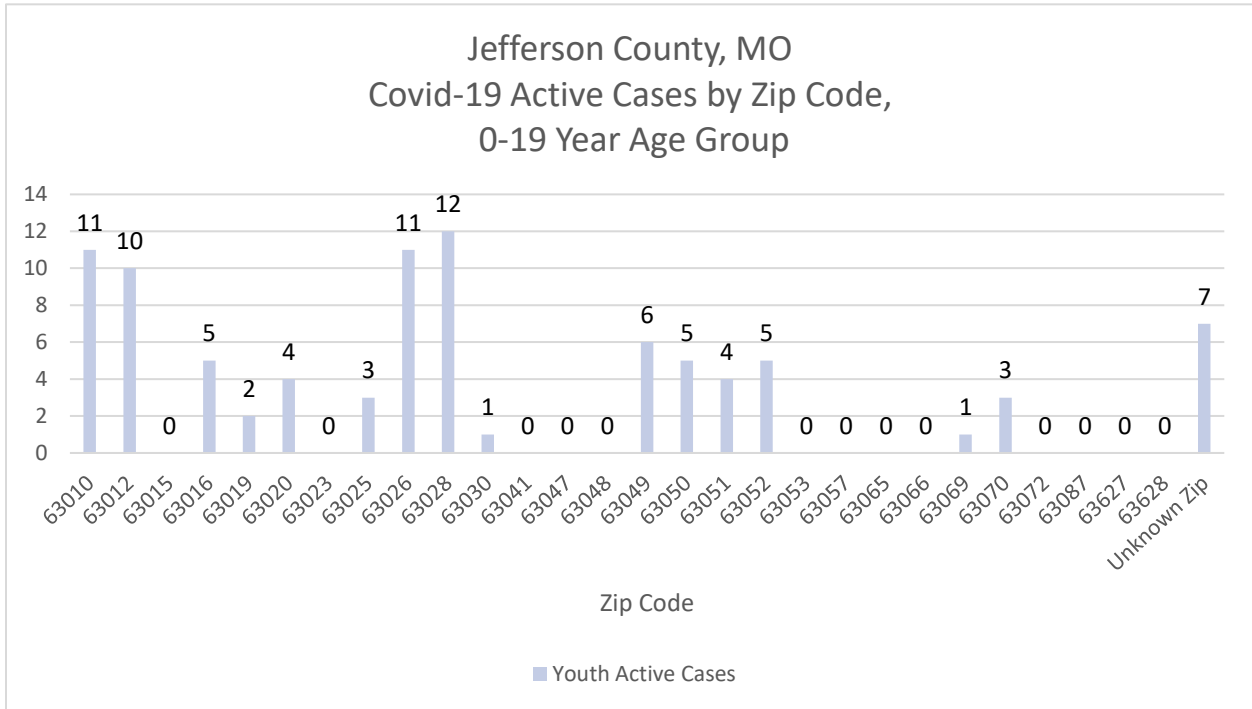


Figure 3. Covid-19 Active and Cumulative Cases by Age-Based Grade Levels, Jefferson County, Missouri

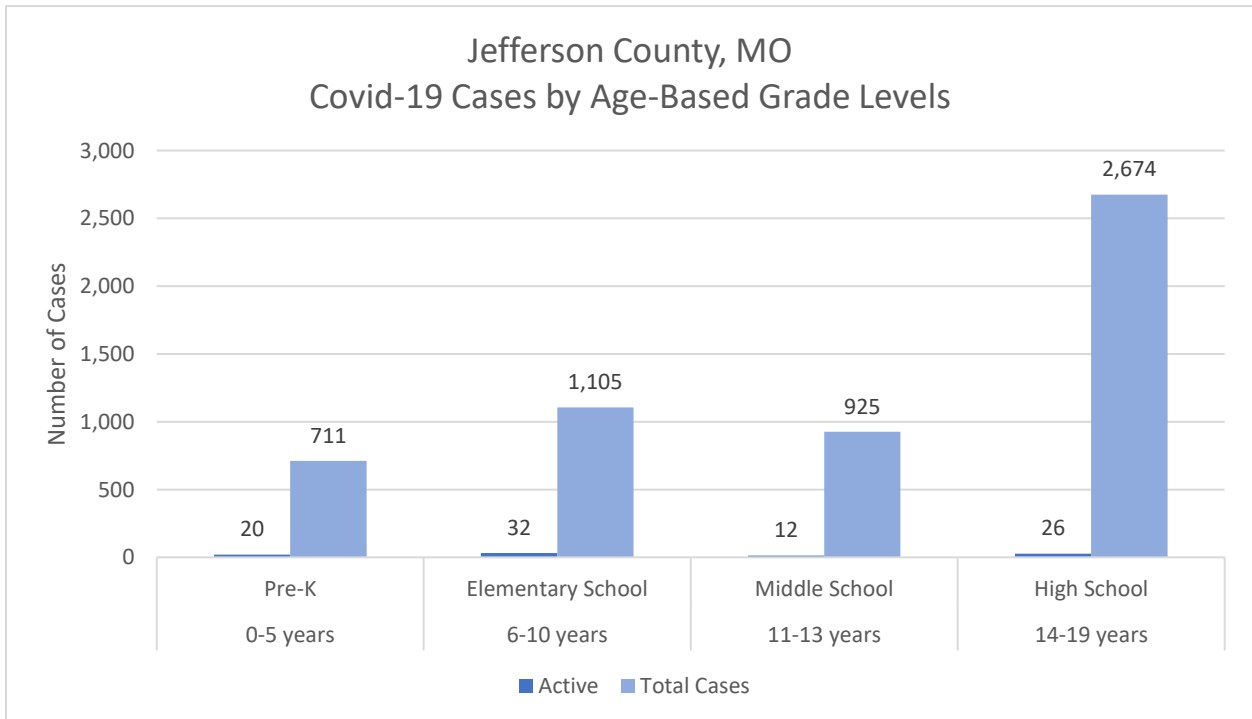


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

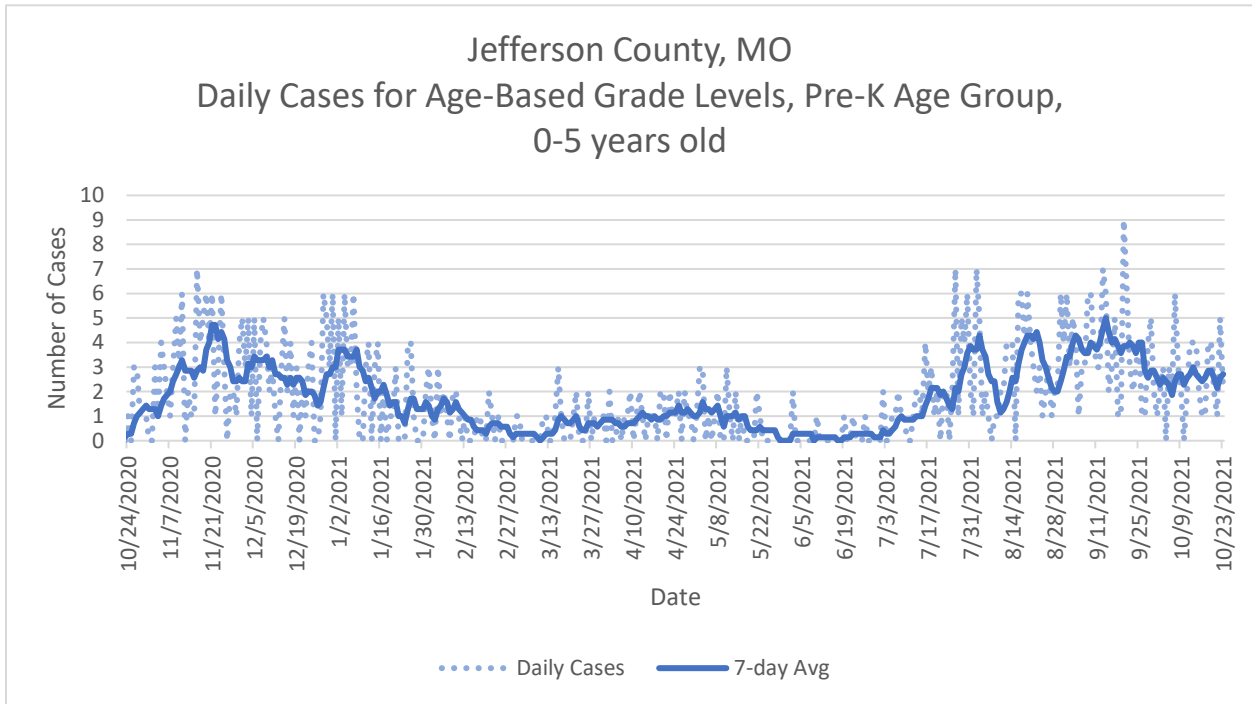


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

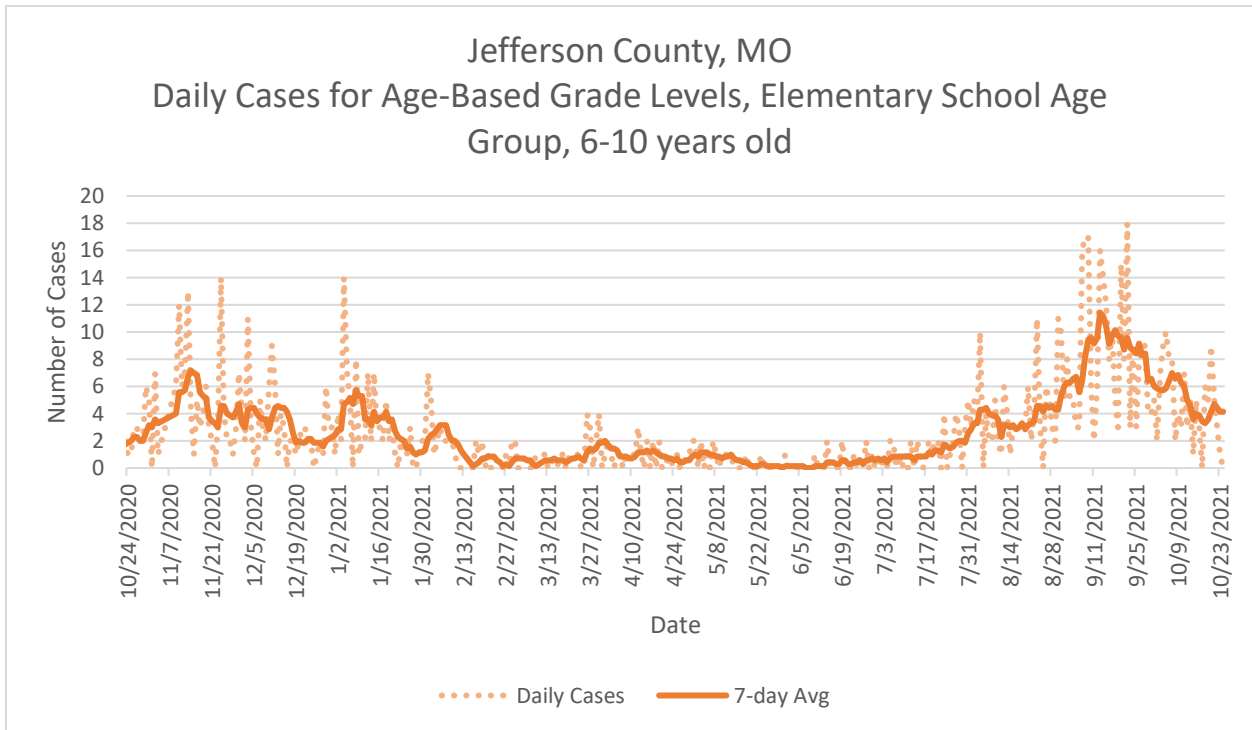


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

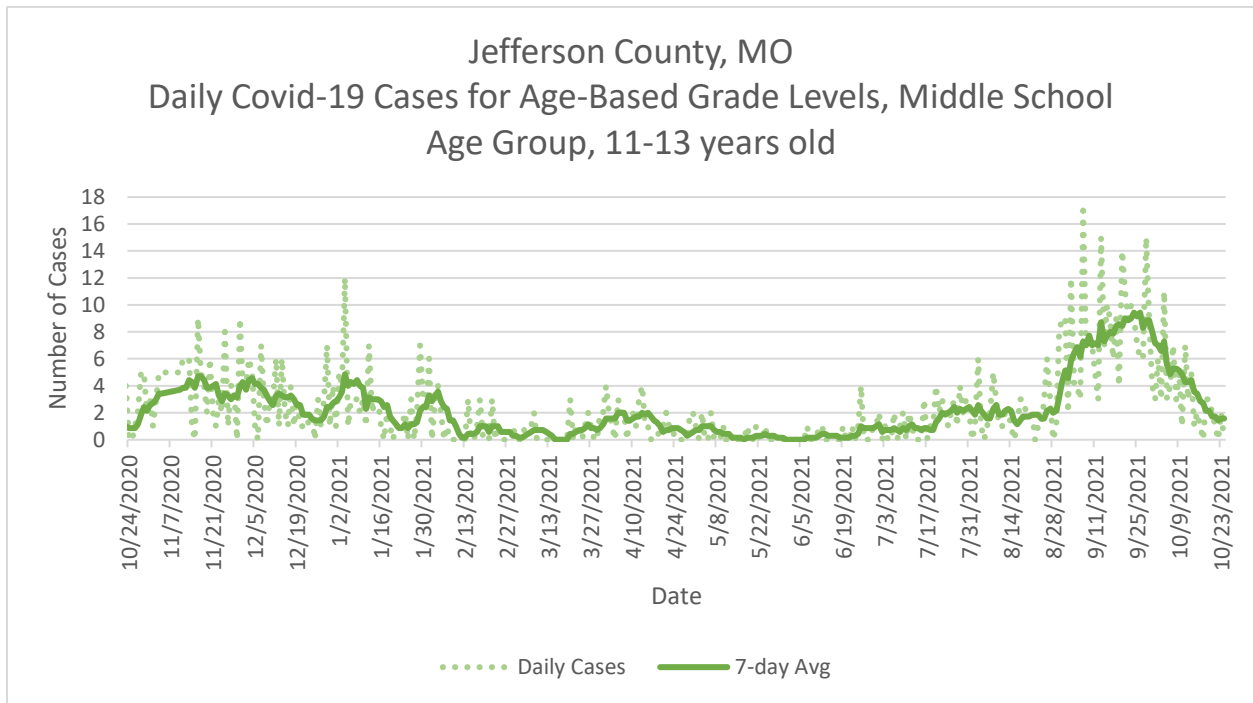


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

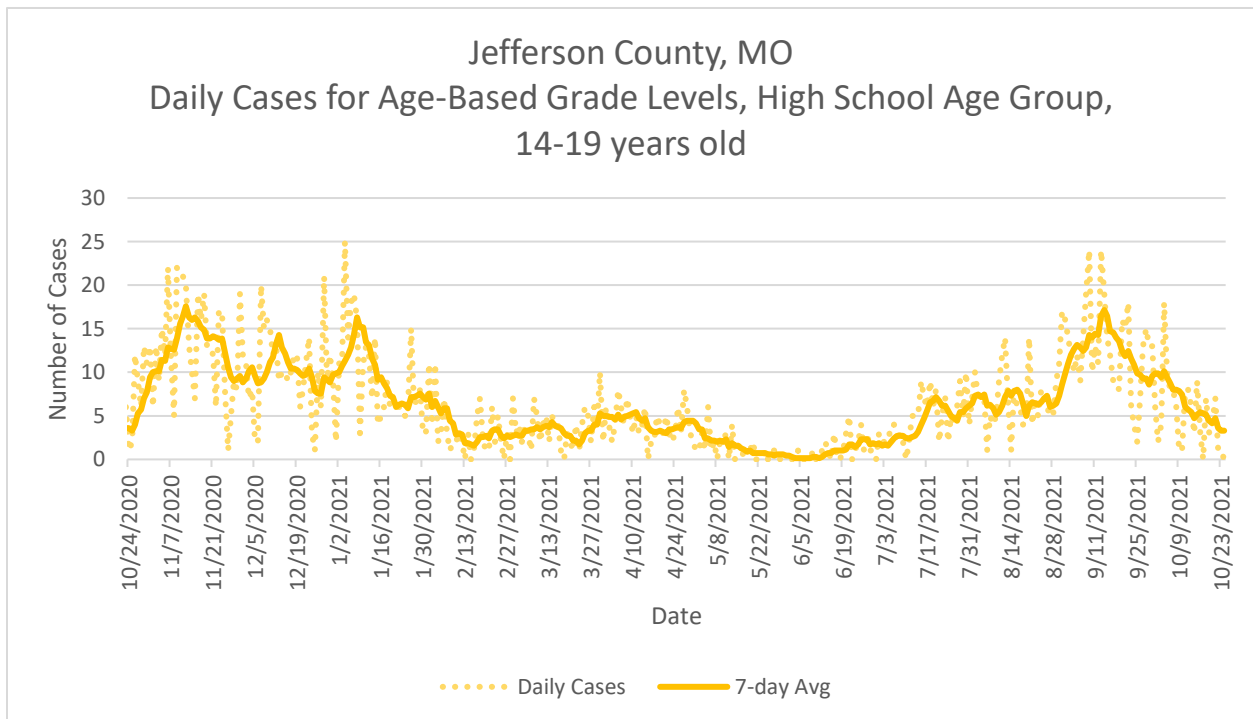


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

