



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 10: March 7- March 13

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

SUMMARY:

- During Week 10 a total of 136 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 21343 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 10.
- Two hundred twenty-nine Covid-19 associated deaths have been reported in Jefferson County as of Week 10.
- 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
23	5/31/2020	25	411
24	6/7/2020	32	443
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	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	378	3621
38	9/13/2020	434	4055
39	9/20/2020	380	4435
40	9/27/2020	278	4713
41	10/4/2020	298	5011
42	10/11/2020	337	5348
43	10/18/2020	394	5742
44	10/25/2020	742	6484
45	11/1/2020	1275	7759
46	11/8/2020	1601	9360
47	11/15/2020	1487	10847
48	11/22/2020	1131	11978
49	11/29/2020	1251	13229
50	12/6/2020	1077	14306
51	12/13/2020	909	15215
52	12/20/2020	679	15894
53	12/27/2020	1045	16939
1	1/3/2021	1215	18154
2	1/10/2021	858	19012
3	1/17/2021	606	19618
4	1/24/2021	495	20113
5	1/31/2021	346	20459
6	2/7/2021	229	20688
7	2/14/2021	198	20886
8	2/21/2021	168	21054
9	2/28/2021	153	21207
10	3/7/2021	136	21343

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

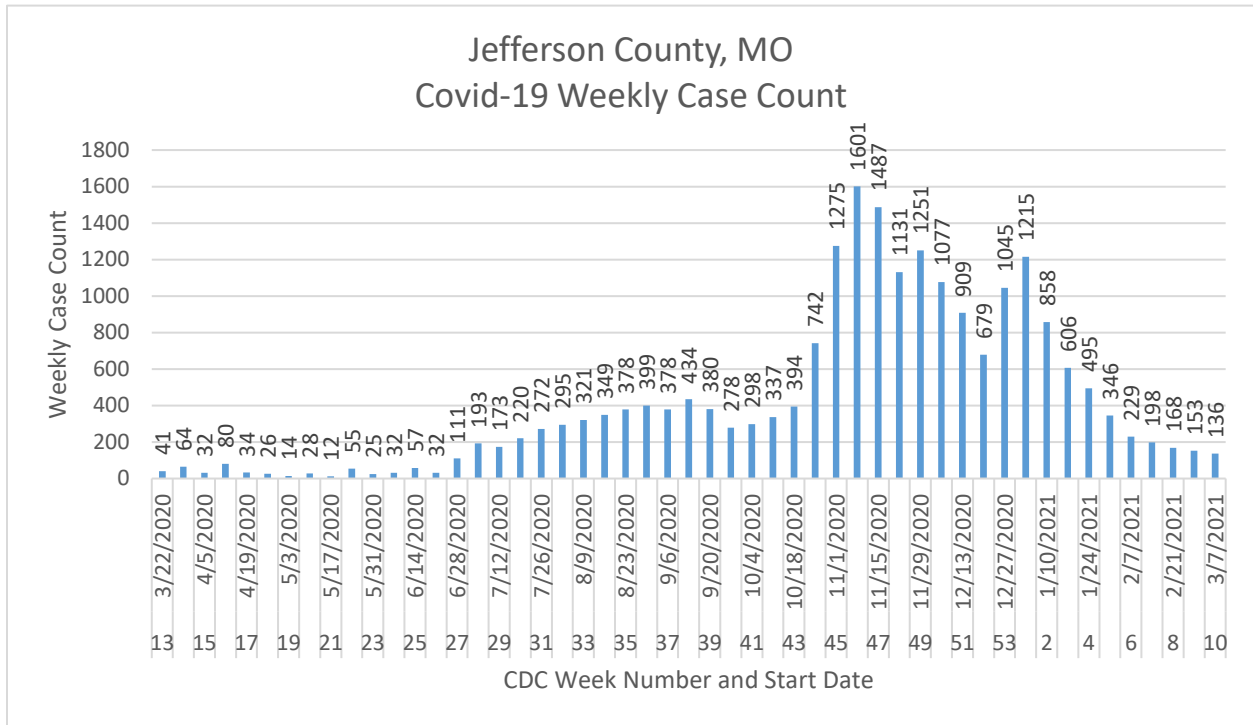


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

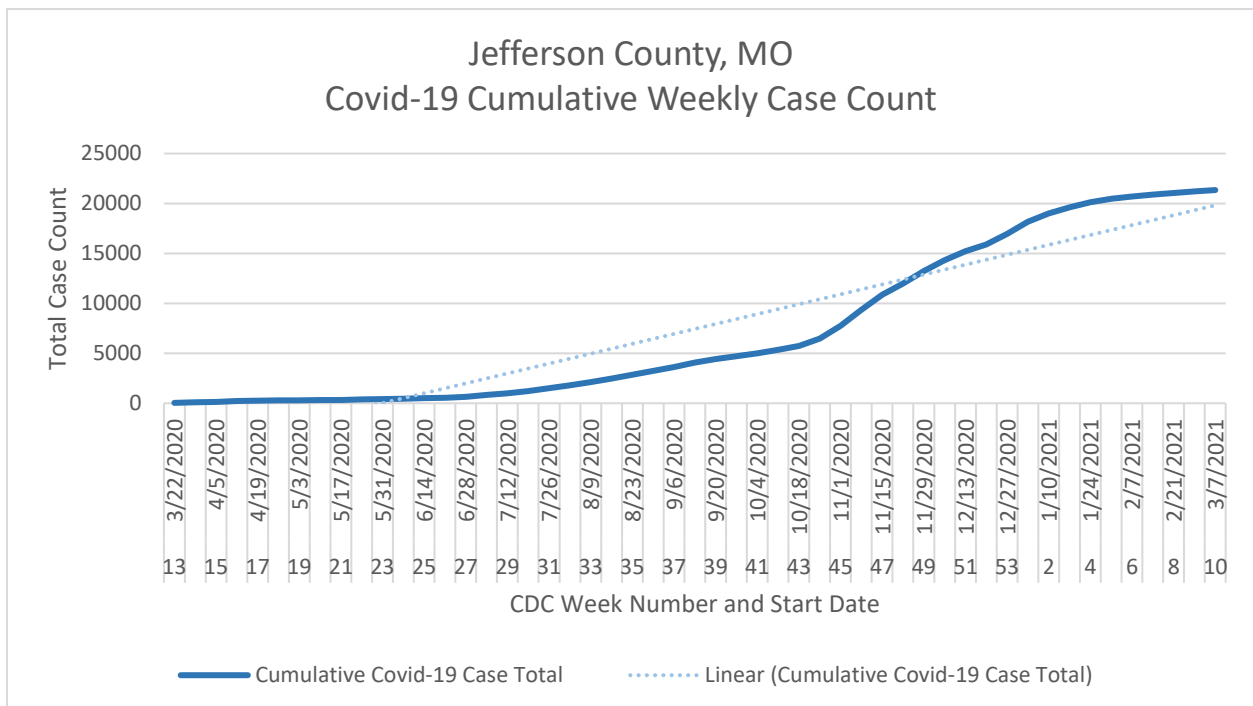


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

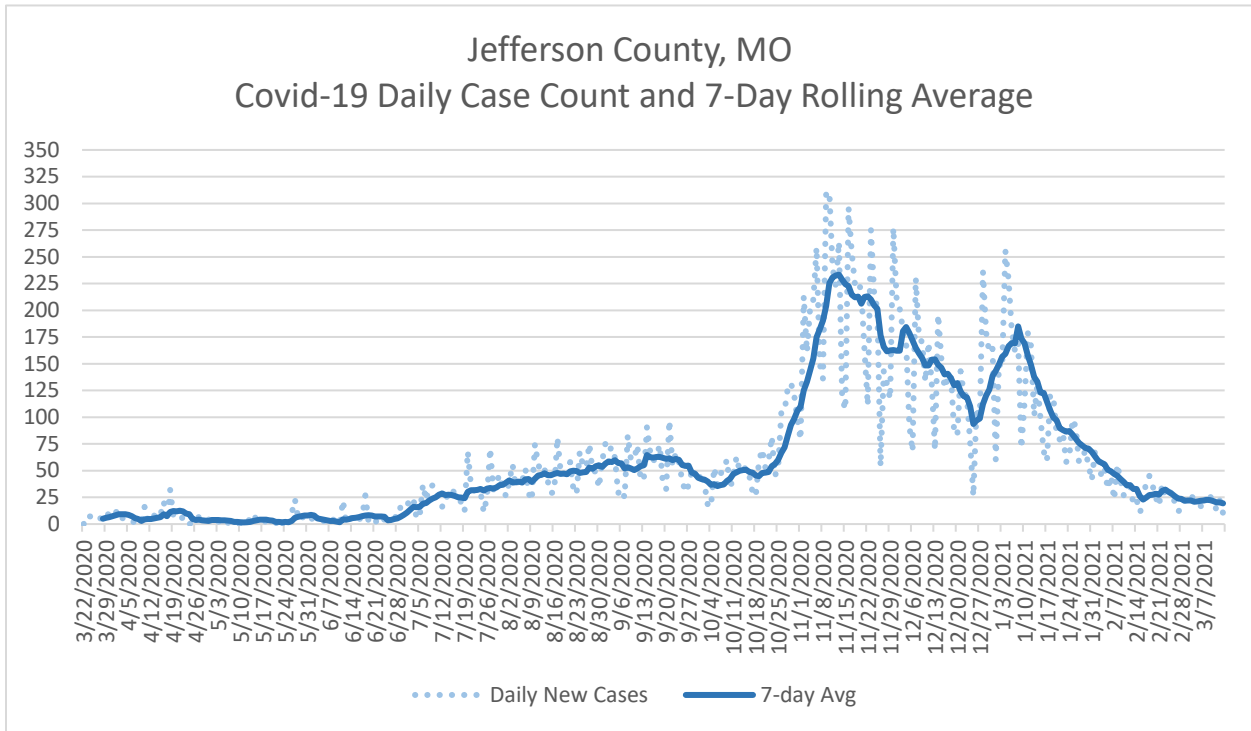


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

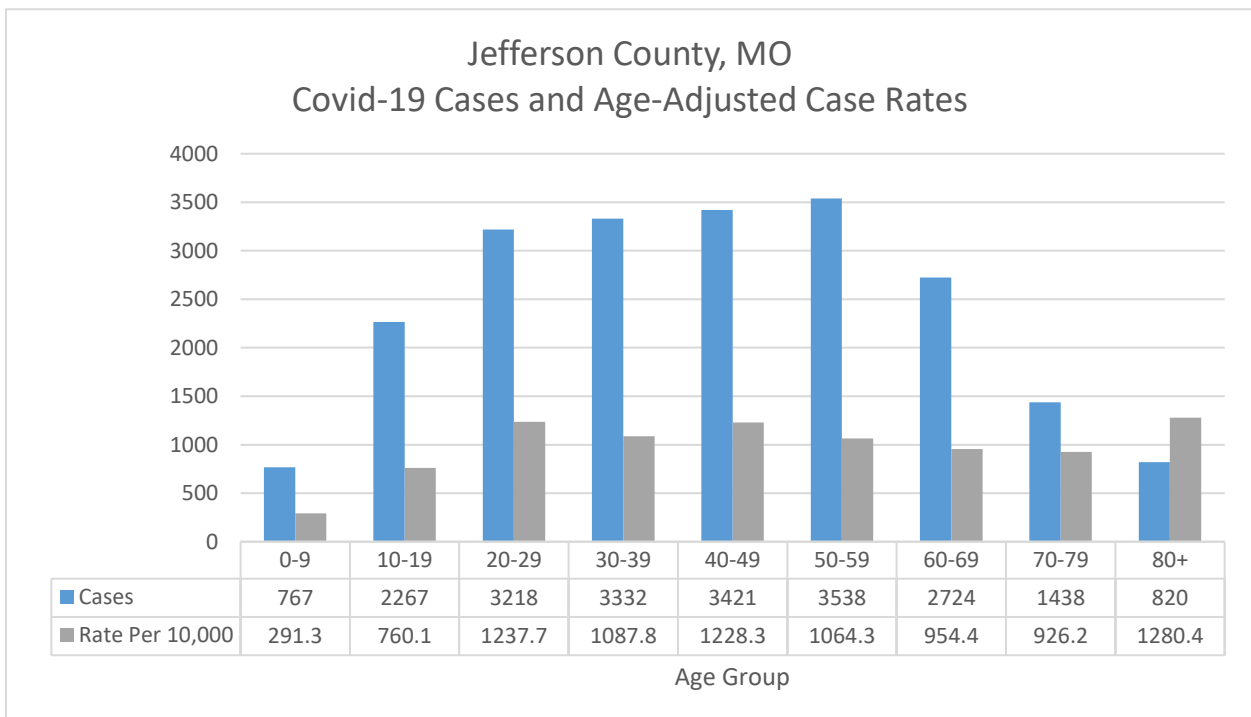


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

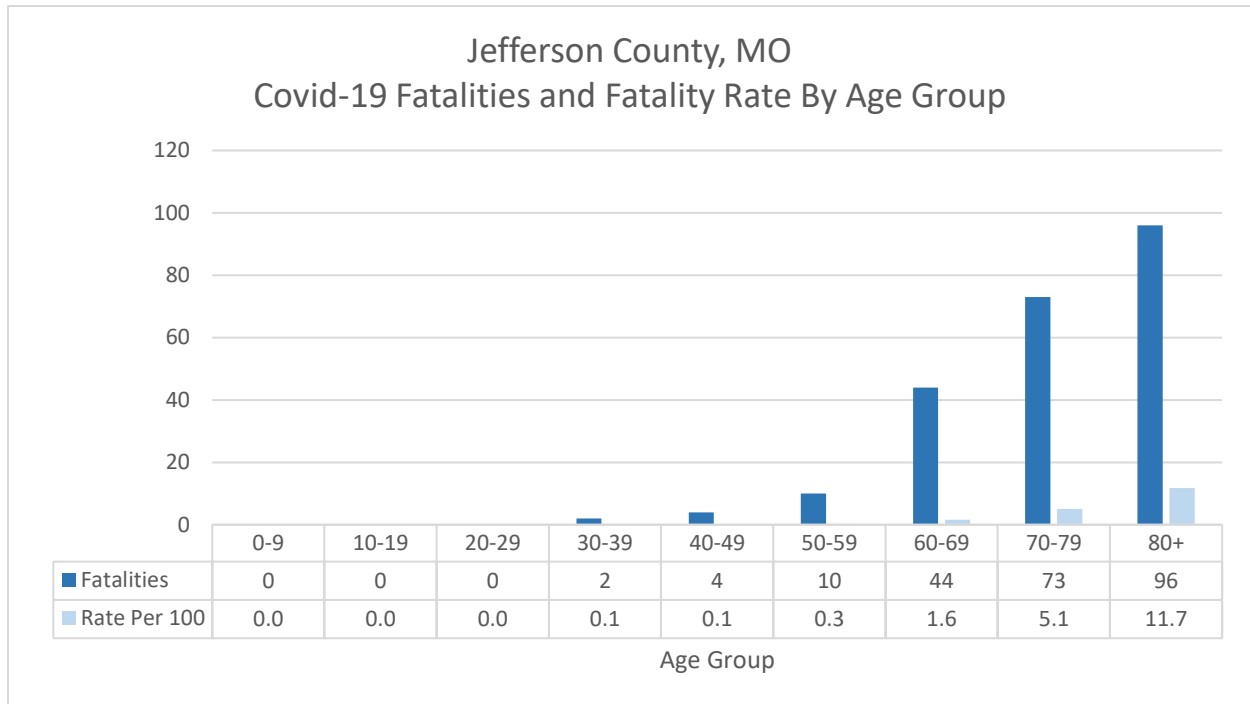


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.06%
Missouri	1.72%
US	1.82%

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

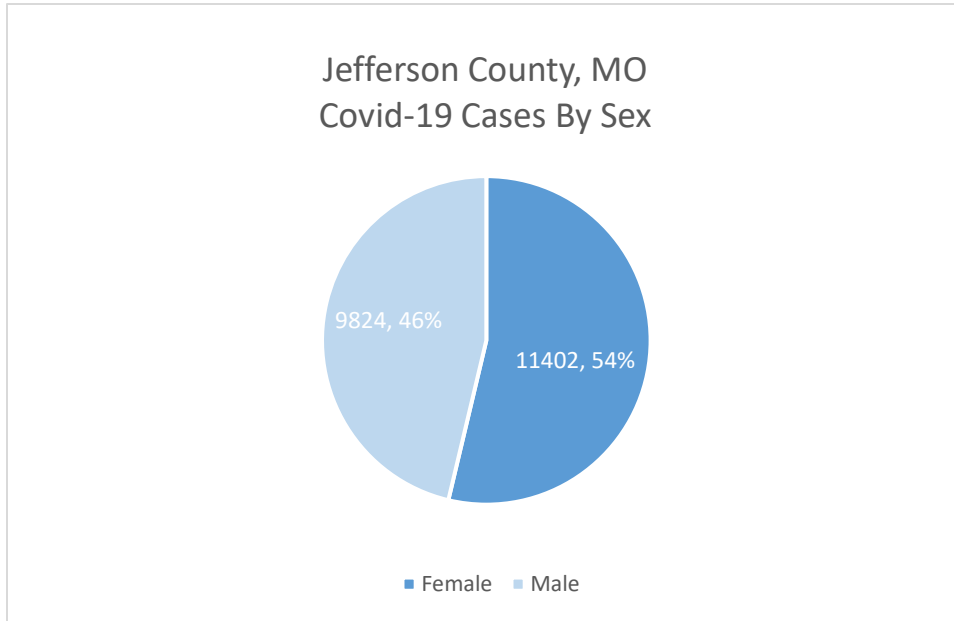


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

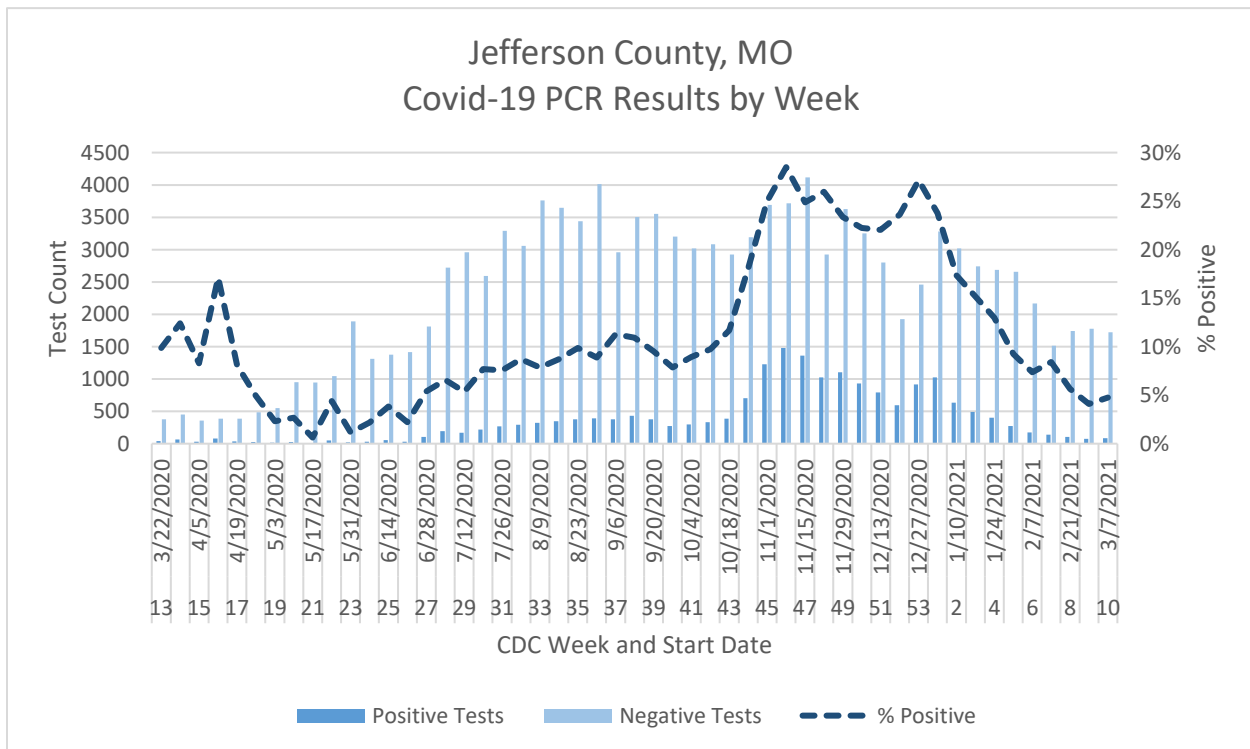


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

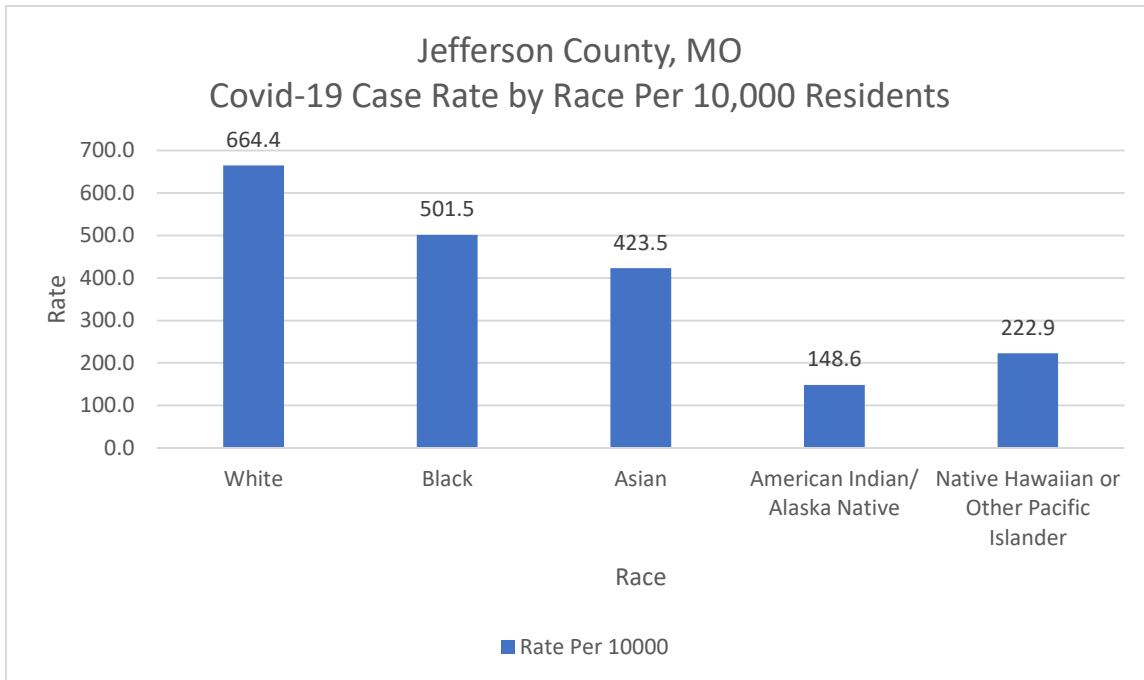
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
21	5/17/2020	6	947	953	0.6%
22	5/24/2020	48	1045	1093	4.4%
23	5/31/2020	22	1889	1911	1.2%
24	6/7/2020	29	1311	1340	2.2%
25	6/14/2020	55	1377	1432	3.8%
26	6/21/2020	32	1415	1447	2.2%
27	6/28/2020	103	1813	1916	5.4%
28	7/5/2020	191	2720	2911	6.6%
29	7/12/2020	167	2959	3126	5.3%
30	7/19/2020	216	2594	2810	7.7%
31	7/26/2020	269	3291	3560	7.6%
32	8/2/2020	292	3058	3350	8.7%
33	8/9/2020	320	3759	4079	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	376	2960	3336	11.3%
38	9/13/2020	429	3501	3930	10.9%
39	9/20/2020	374	3552	3926	9.5%
40	9/27/2020	272	3199	3471	7.8%
41	10/4/2020	296	3016	3312	8.9%
42	10/11/2020	332	3081	3413	9.7%
43	10/18/2020	386	2922	3308	11.7%
44	10/25/2020	703	3191	3894	18.1%
45	11/1/2020	1227	3689	4916	25.0%
46	11/8/2020	1482	3718	5200	28.5%
47	11/15/2020	1363	4118	5481	24.9%
48	11/22/2020	1026	2925	3951	26.0%
49	11/29/2020	1106	3628	4734	23.4%
50	12/6/2020	930	3251	4181	22.2%
51	12/13/2020	791	2799	3590	22.0%
52	12/20/2020	595	1923	2518	23.6%
53	12/27/2020	917	2459	3376	27.2%
1	1/3/2021	1023	3282	4305	23.8%
2	1/10/2021	634	3018	3652	17.4%
3	1/17/2021	491	2743	3234	15.2%
4	1/24/2021	402	2688	3090	13.0%
5	1/31/2021	271	2658	2929	9.3%
6	2/7/2021	172	2169	2341	7.3%
7	2/14/2021	139	1513	1652	8.4%
8	2/21/2021	104	1740	1844	5.6%
9	2/28/2021	76	1779	1855	4.1%
10	3/7/2021	86	1721	1807	4.8%

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

Race	Cases	Rate Per 10000
White	14325	664.4
Black	135	501.5
Asian	76	423.5
American Indian/ Alaska Native	10	148.6
Native Hawaiian or Other Pacific Islander	5	222.9
Unknown	2865	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

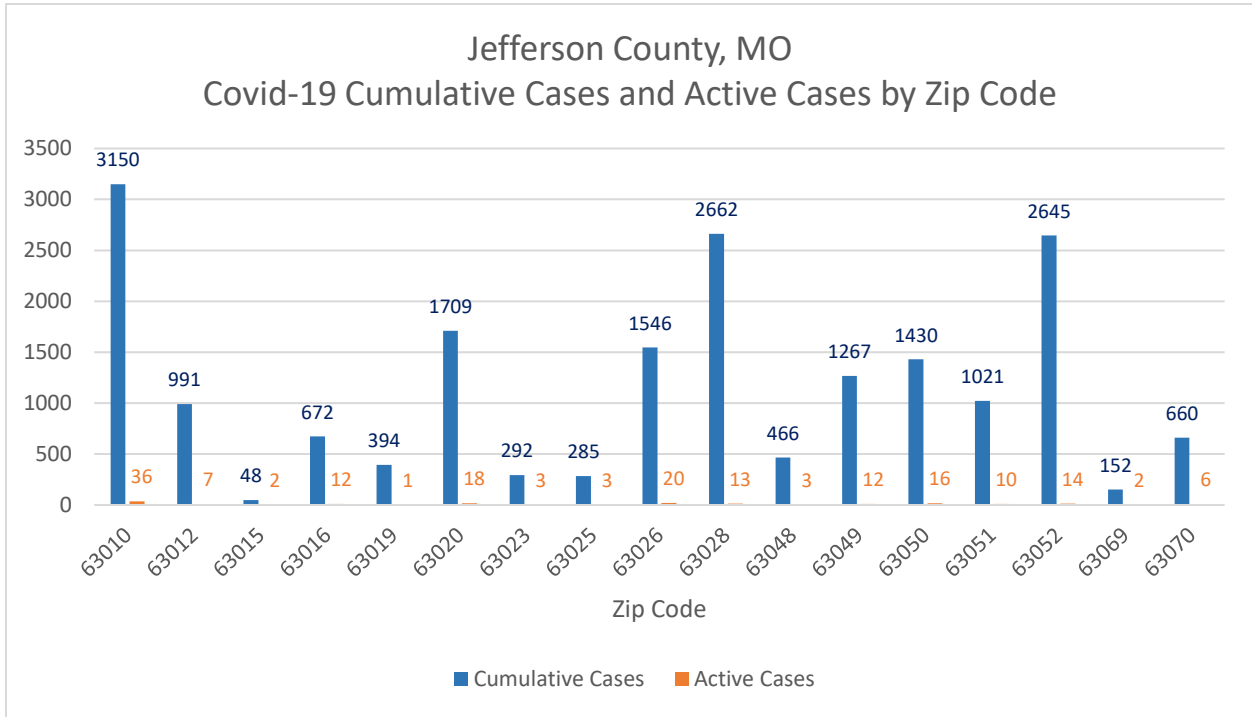
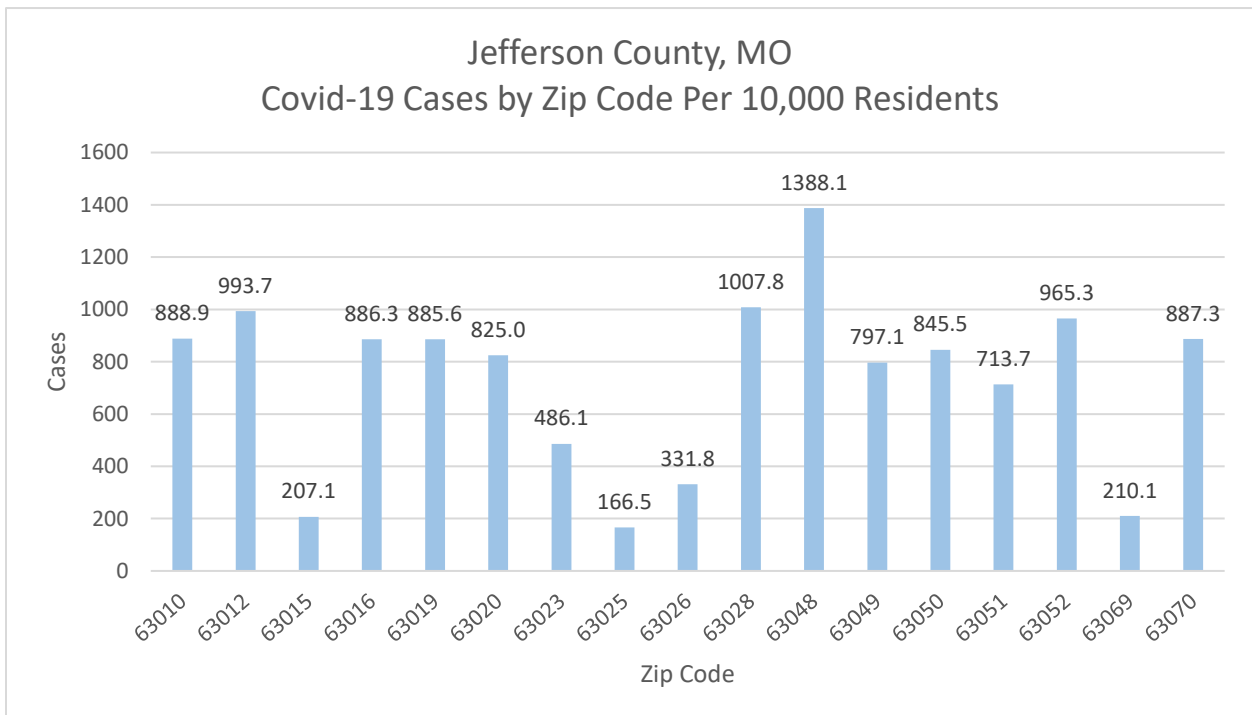


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 10: March 7- March 13

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

SUMMARY:

- During Week 10 a total of 26 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 2972 confirmed and probable Covid-19 cases have been reported in 0-19 year age group in Jefferson County, Missouri.
-

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
24	6/7/2020	4	9
25	6/14/2020	6	15
26	6/21/2020	2	17
27	6/28/2020	18	35
28	7/5/2020	20	55
29	7/12/2020	20	75
30	7/19/2020	21	96
31	7/26/2020	22	118
32	8/2/2020	32	150
33	8/9/2020	32	182
34	8/16/2020	50	232
35	8/23/2020	46	278
36	8/30/2020	57	335
37	9/6/2020	55	390
38	9/13/2020	71	461
39	9/20/2020	47	508
40	9/27/2020	35	543
41	10/4/2020	29	572
42	10/11/2020	32	604
43	10/18/2020	55	659
44	10/25/2020	117	776
45	11/1/2020	173	949
46	11/8/2020	236	1185
47	11/15/2020	207	1392
48	11/22/2020	133	1525
49	11/29/2020	170	1695
50	12/6/2020	171	1866
51	12/13/2020	130	1996
52	12/20/2020	89	2085
53	12/27/2020	143	2228
1	1/3/2021	207	2435
2	1/10/2021	136	2571
3	1/17/2021	74	2645
4	1/24/2021	88	2733
5	1/31/2021	89	2822
6	2/7/2021	29	2851
7	2/14/2021	36	2887
8	2/21/2021	29	2916
9	2/28/2021	30	2946
10	3/7/2021	26	2972

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

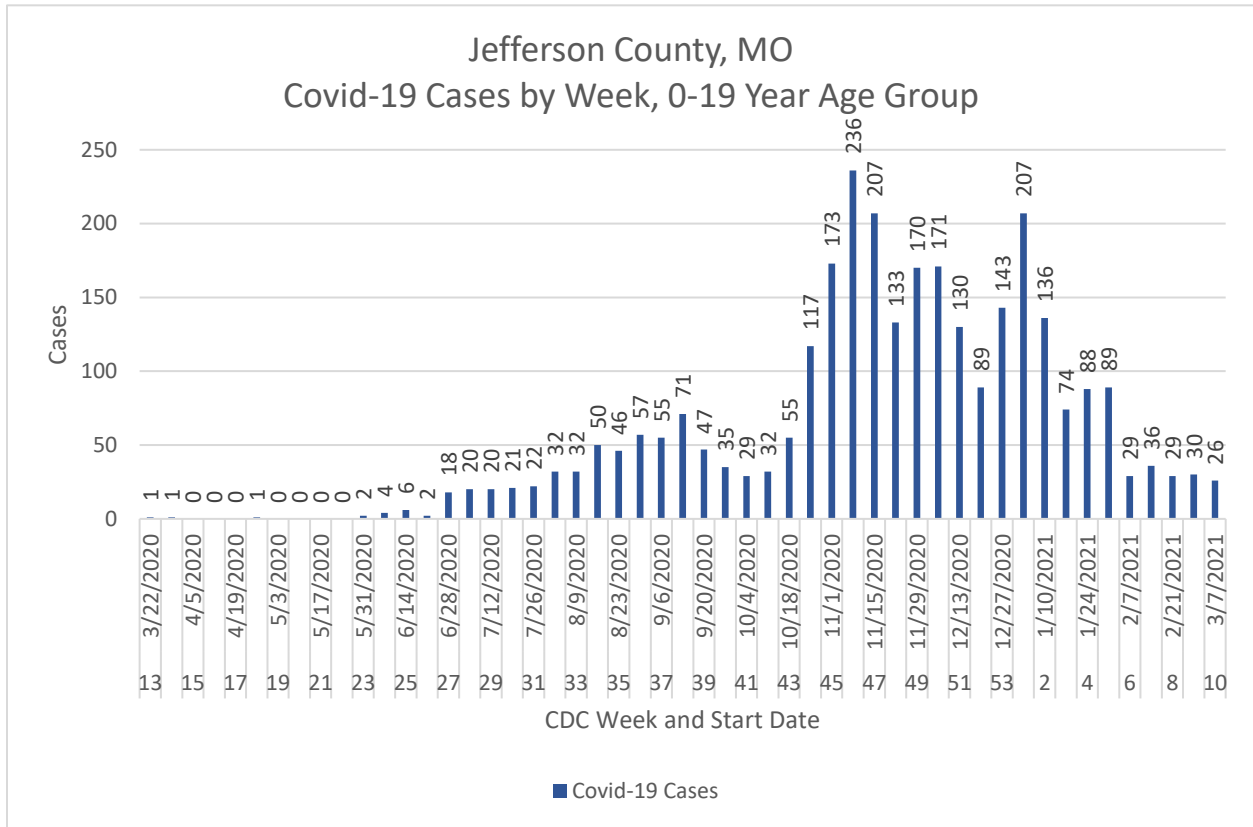


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	767	3.56%
10-19	2,267	10.53%
20+	18,488	85.90%

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

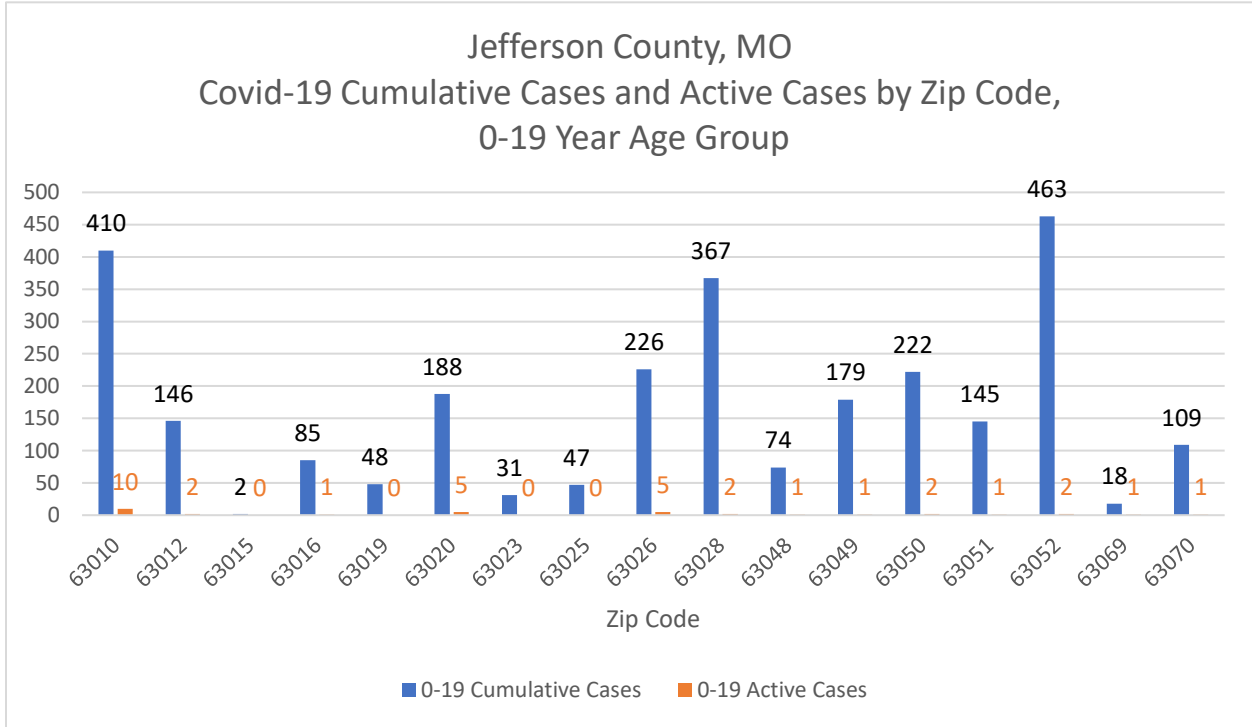


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

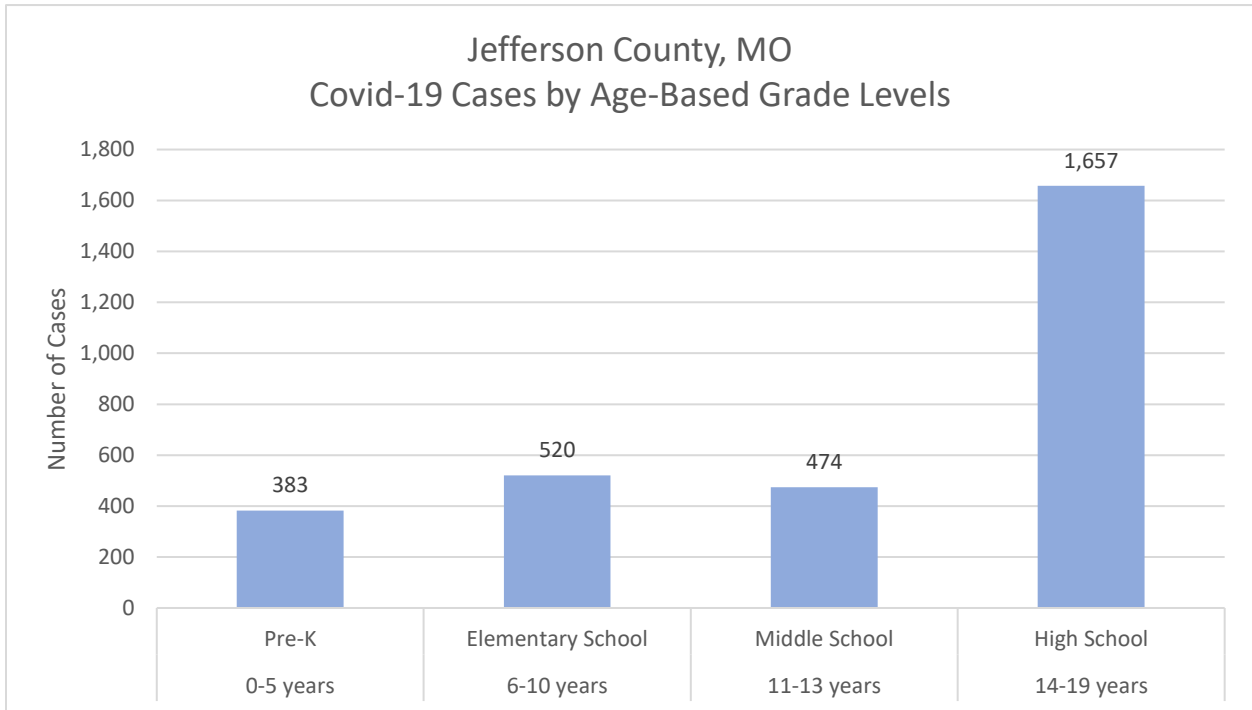


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

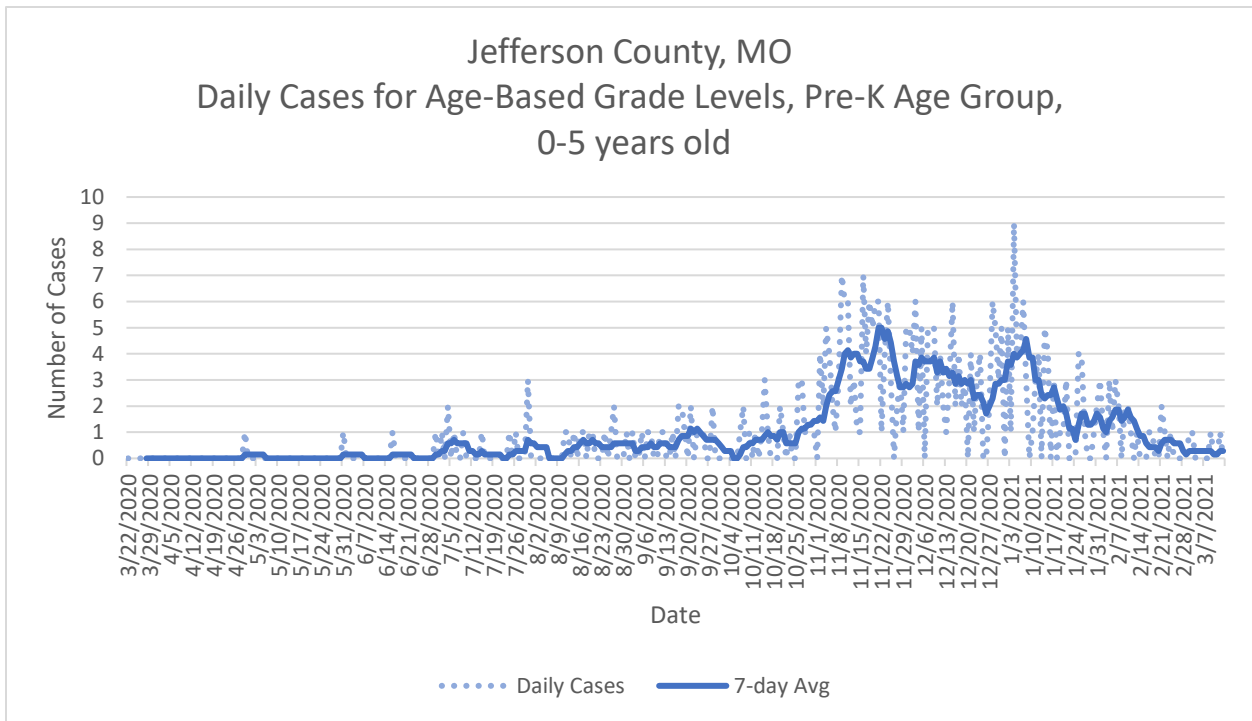


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

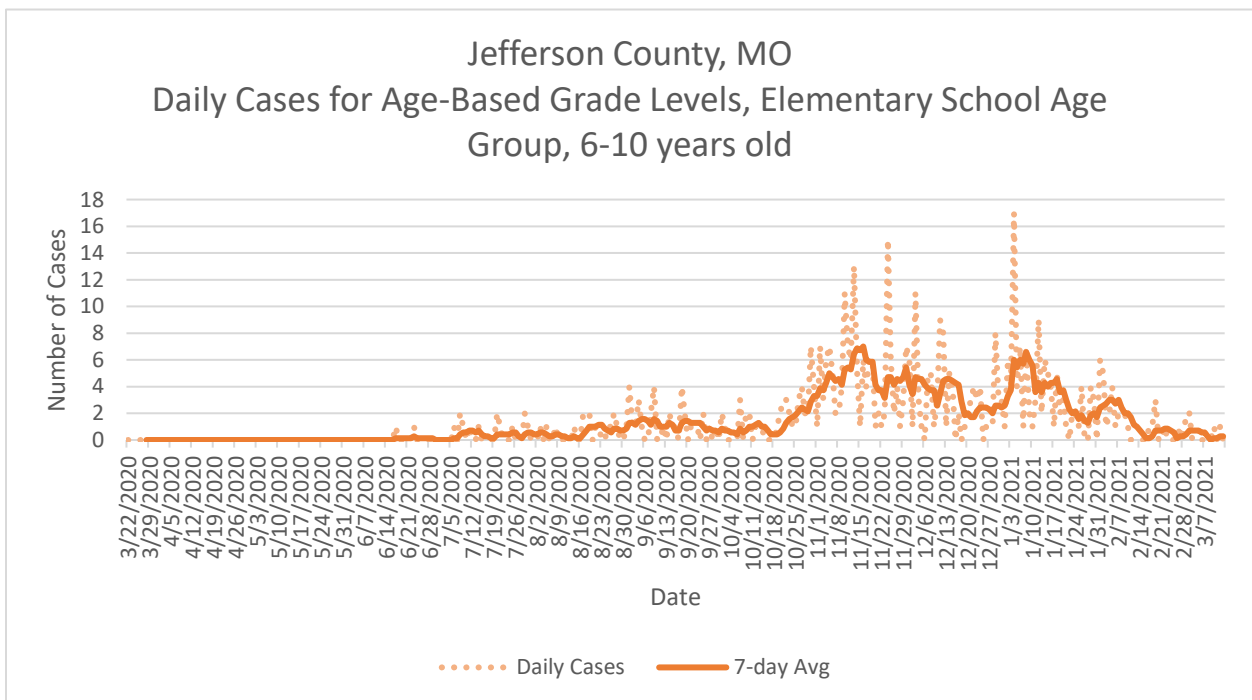


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

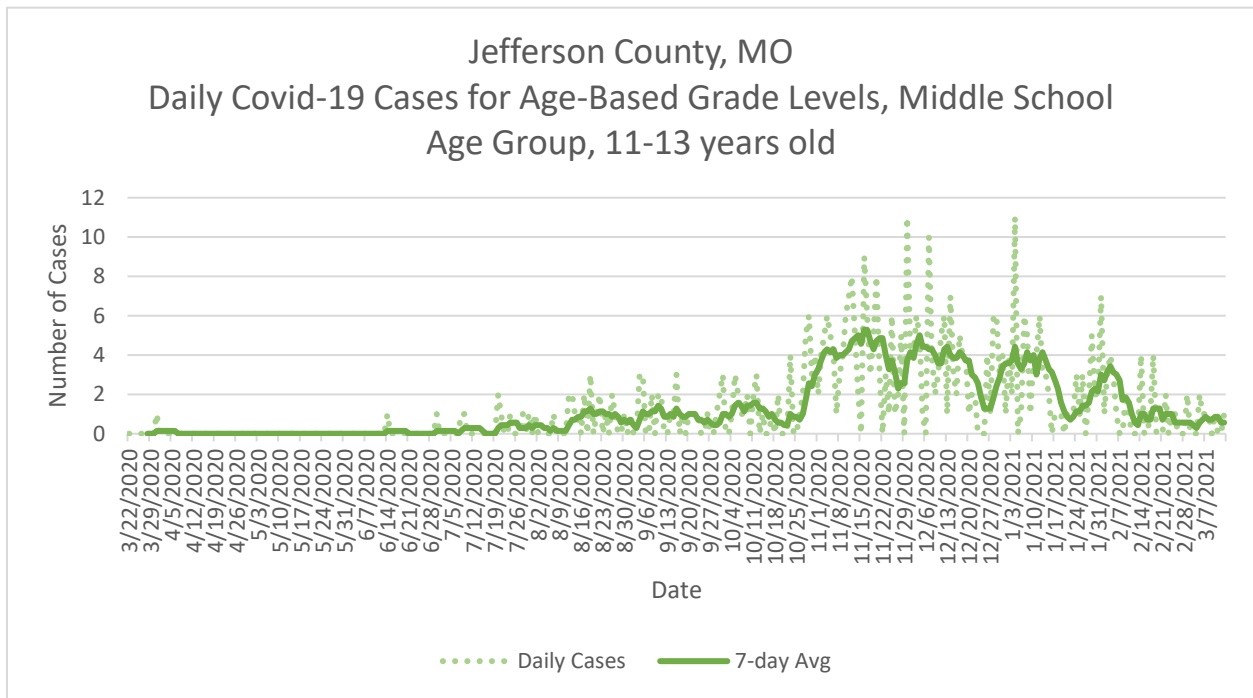


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

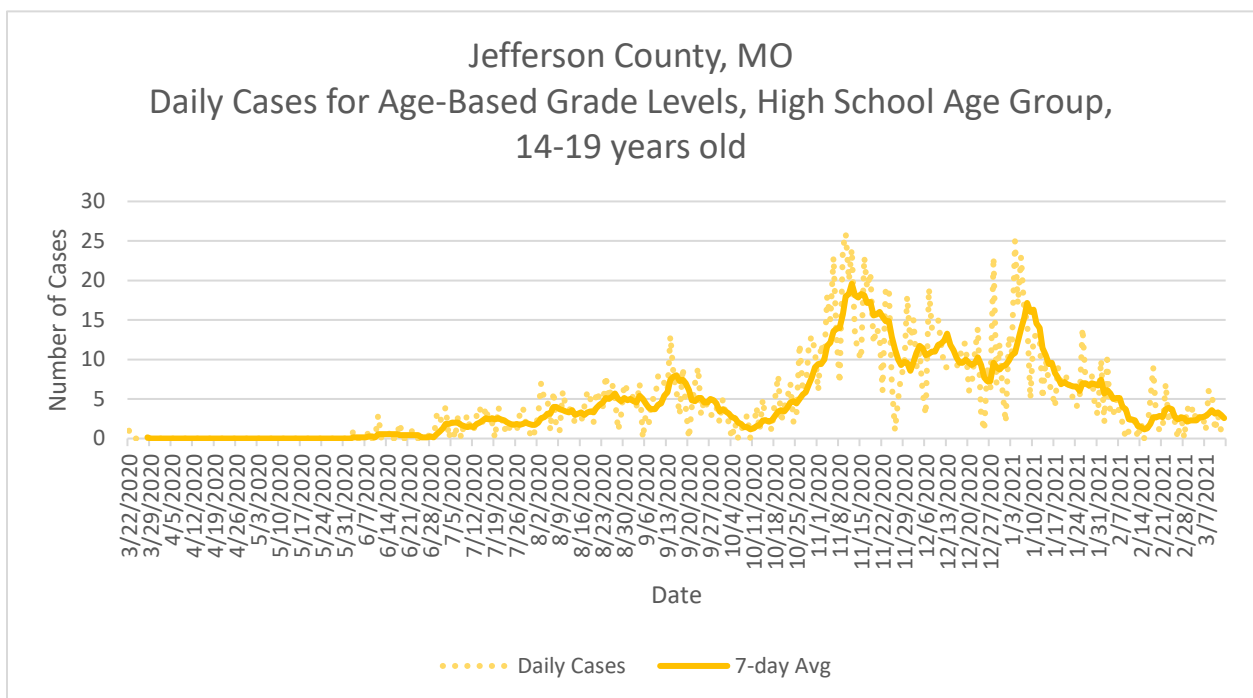


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

