



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 15: April 11- April 17

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

SUMMARY:

- During Week 15 a total of 219 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 22709 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 15.
- Two hundred thirty-six Covid-19 associated deaths have been reported in Jefferson County as of Week 15.
- 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
28	7/5/2020	193	836
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	378	2846
36	8/30/2020	399	3245
37	9/6/2020	377	3622
38	9/13/2020	434	4056
39	9/20/2020	380	4436
40	9/27/2020	278	4714
41	10/4/2020	298	5012
42	10/11/2020	337	5349
43	10/18/2020	396	5745
44	10/25/2020	742	6487
45	11/1/2020	1275	7762
46	11/8/2020	1601	9363
47	11/15/2020	1488	10851
48	11/22/2020	1140	11991
49	11/29/2020	1257	13248
50	12/6/2020	1086	14334
51	12/13/2020	910	15244
52	12/20/2020	678	15922
53	12/27/2020	1044	16966
1	1/3/2021	1215	18181
2	1/10/2021	857	19038
3	1/17/2021	609	19647
4	1/24/2021	500	20147
5	1/31/2021	351	20498
6	2/7/2021	230	20728
7	2/14/2021	197	20925
8	2/21/2021	168	21093
9	2/28/2021	157	21250
10	3/7/2021	164	21414
11	3/14/2021	203	21617
12	3/21/2021	269	21886
13	3/28/2021	301	22187
14	4/4/2021	303	22490
15	4/11/2021	219	22709

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

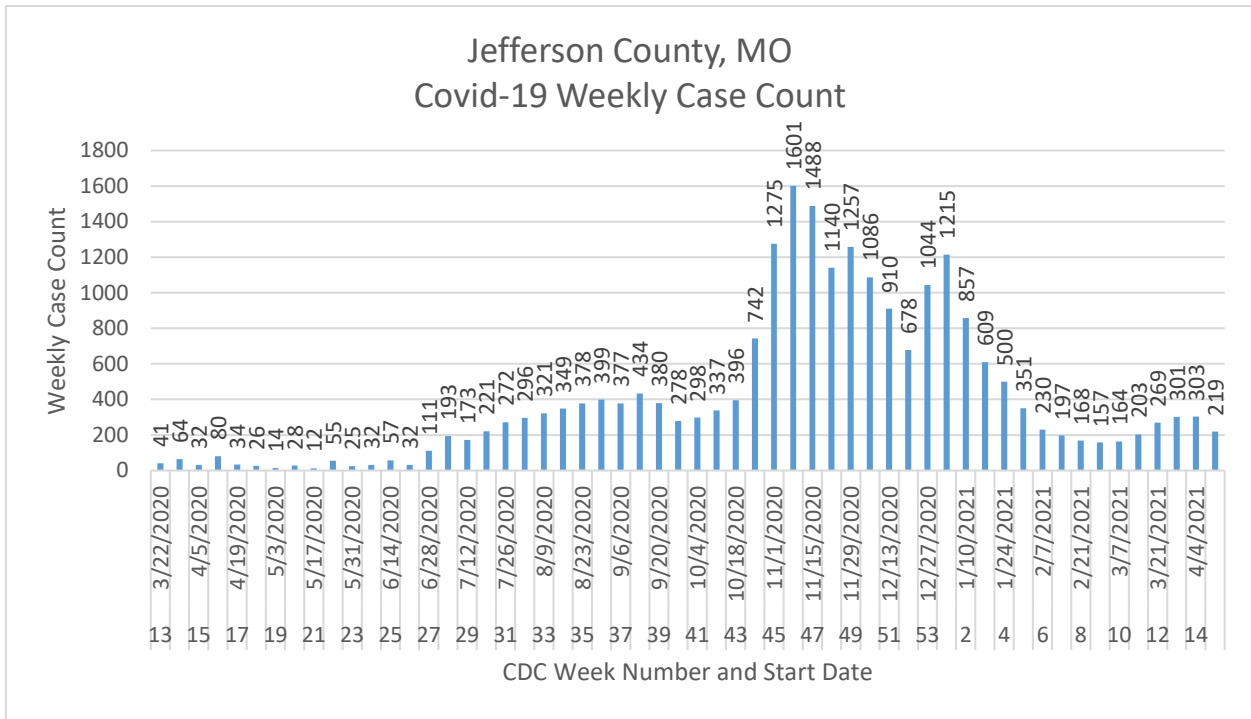


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

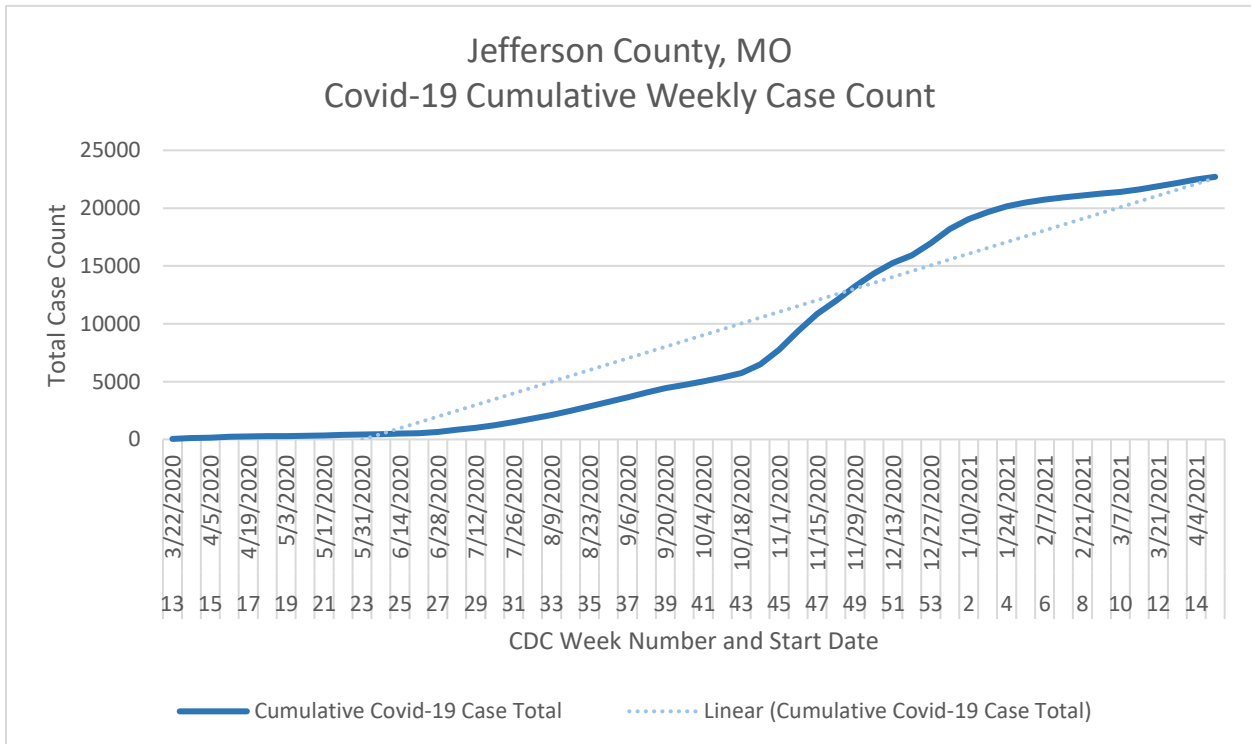


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

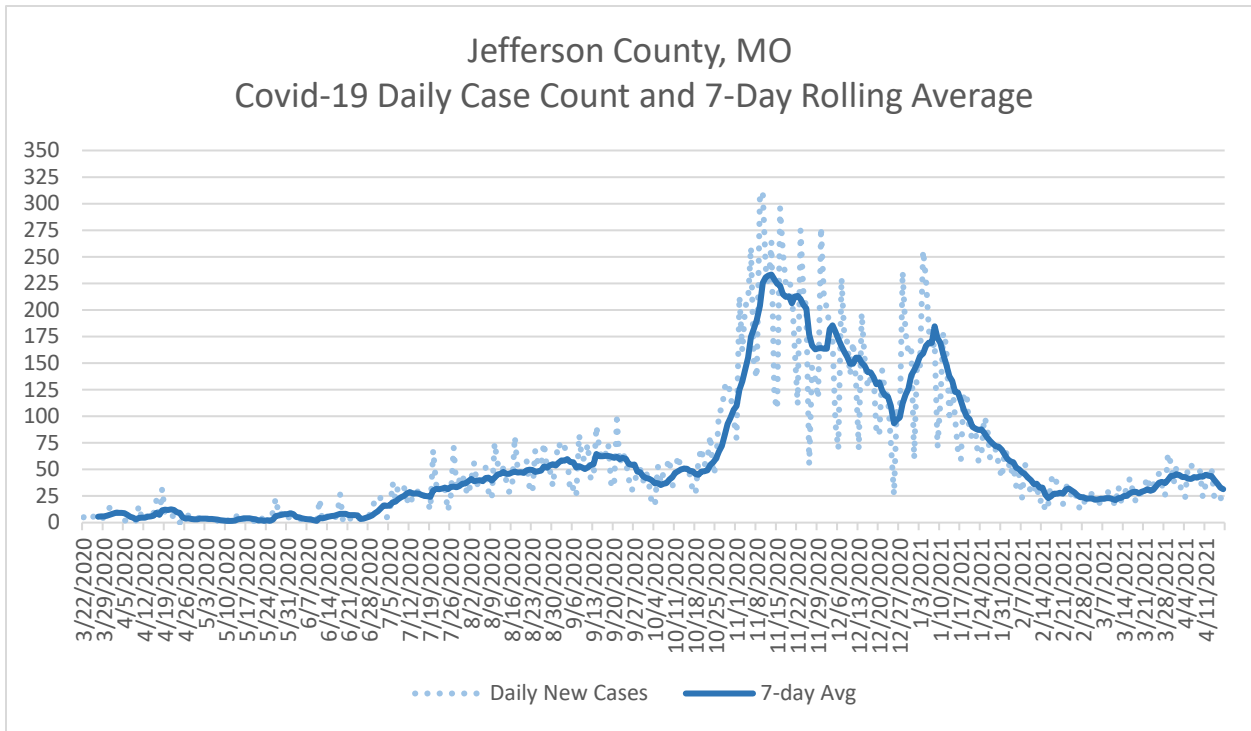


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

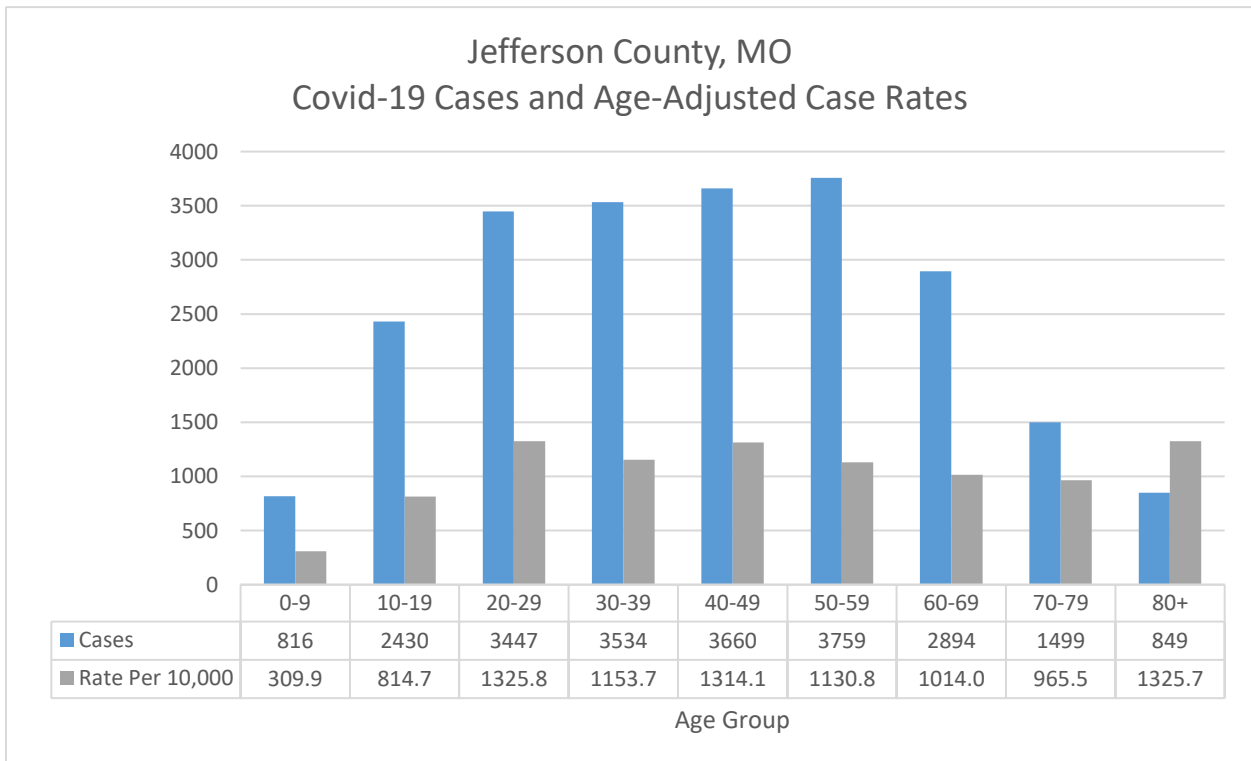


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

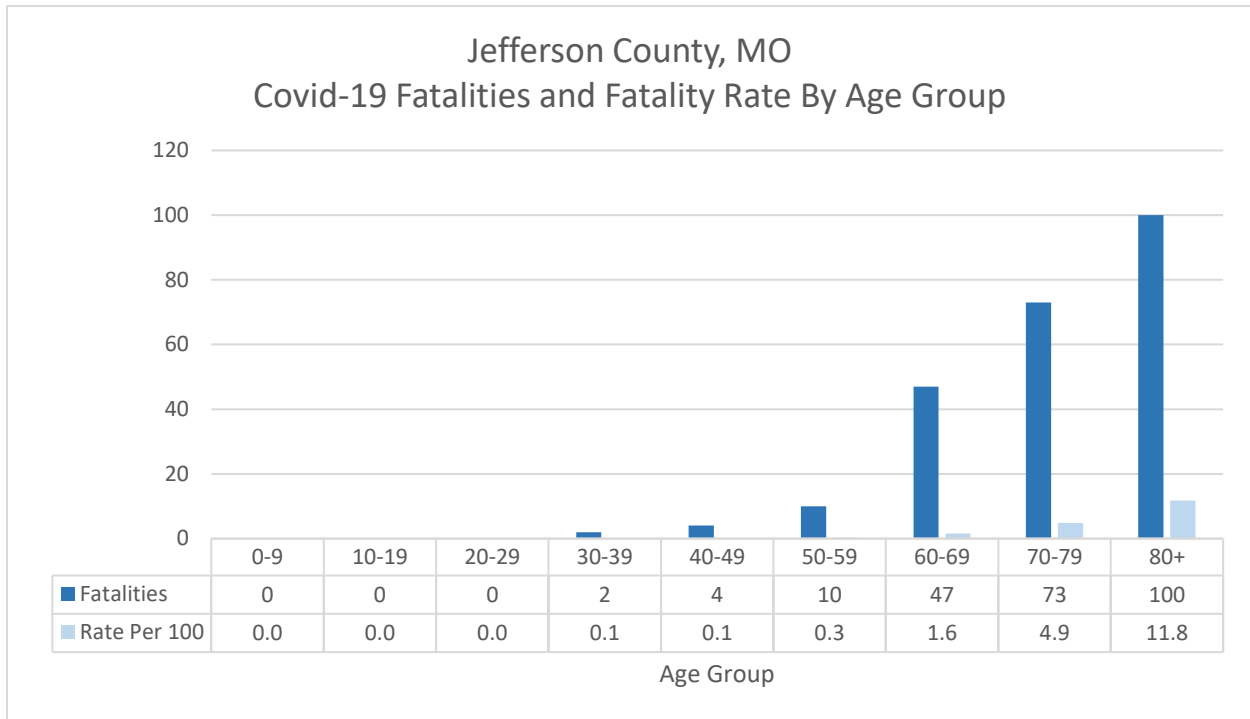


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.03%
Missouri	1.75%
US	1.79%

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

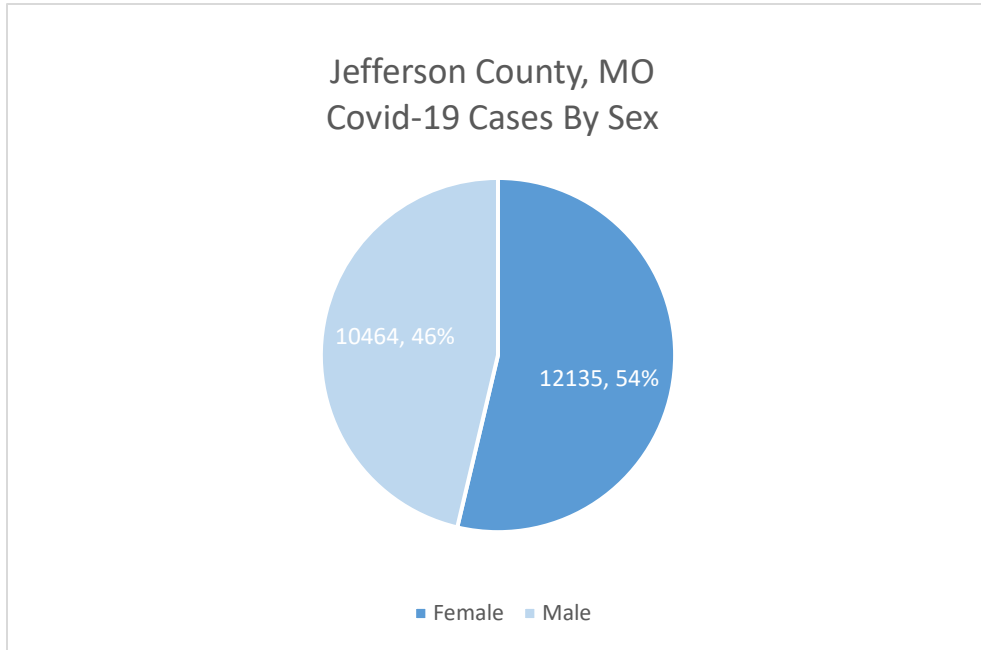


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

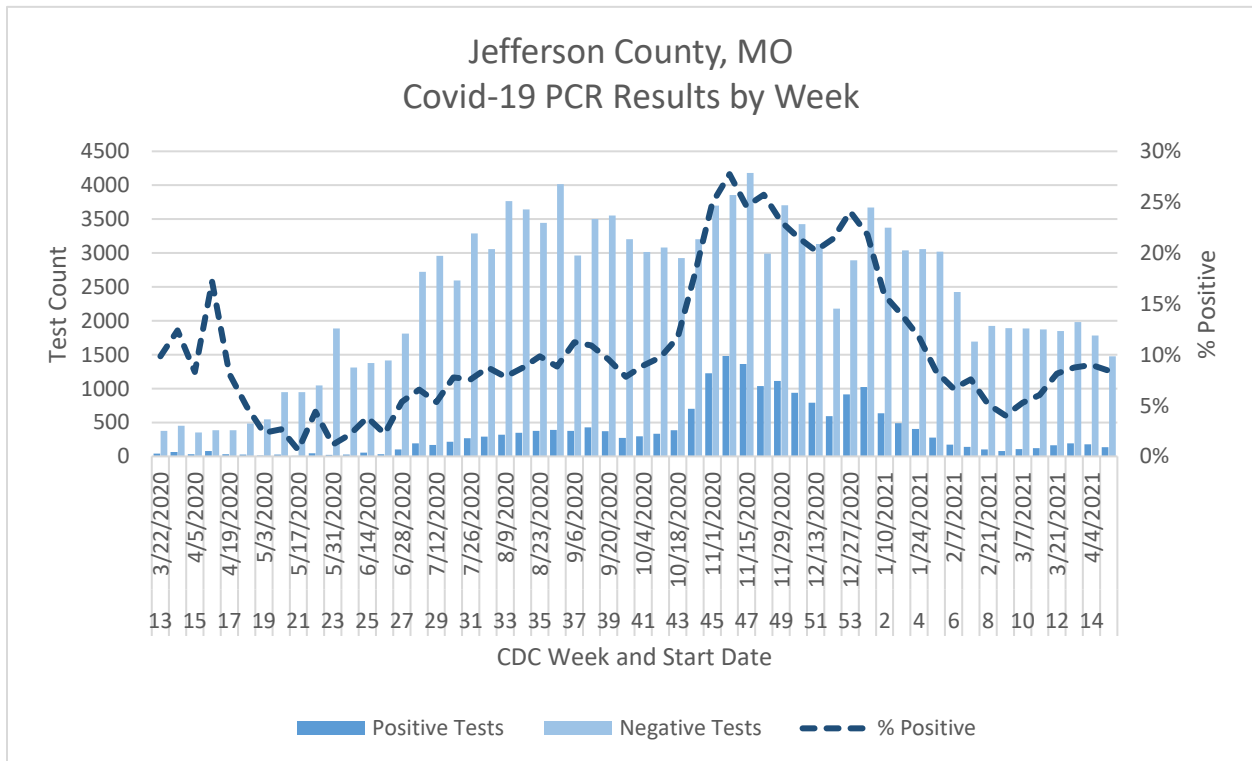


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

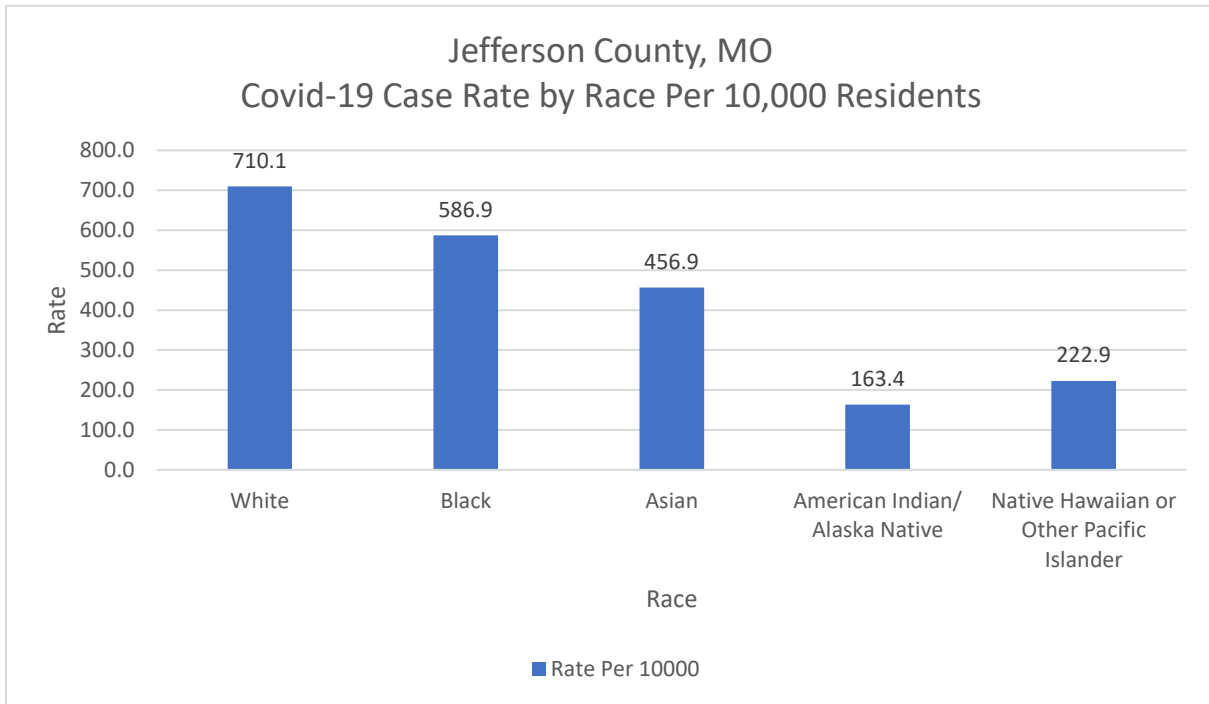
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
26	6/21/2020	32	1413	1445	2.2%
27	6/28/2020	103	1813	1916	5.4%
28	7/5/2020	191	2722	2913	6.6%
29	7/12/2020	167	2959	3126	5.3%
30	7/19/2020	218	2595	2813	7.7%
31	7/26/2020	270	3290	3560	7.6%
32	8/2/2020	293	3058	3351	8.7%
33	8/9/2020	320	3766	4086	7.8%
34	8/16/2020	348	3645	3993	8.7%
35	8/23/2020	376	3445	3821	9.8%
36	8/30/2020	390	4017	4407	8.8%
37	9/6/2020	375	2962	3337	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	3083	3416	9.7%
43	10/18/2020	387	2924	3311	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	3857	5339	27.8%
47	11/15/2020	1364	4182	5546	24.6%
48	11/22/2020	1036	2992	4028	25.7%
49	11/29/2020	1112	3703	4815	23.1%
50	12/6/2020	939	3426	4365	21.5%
51	12/13/2020	794	3134	3928	20.2%
52	12/20/2020	594	2181	2775	21.4%
53	12/27/2020	916	2892	3808	24.1%
1	1/3/2021	1023	3672	4695	21.8%
2	1/10/2021	635	3372	4007	15.8%
3	1/17/2021	492	3037	3529	13.9%
4	1/24/2021	406	3058	3464	11.7%
5	1/31/2021	275	3021	3296	8.3%
6	2/7/2021	173	2427	2600	6.7%
7	2/14/2021	139	1692	1831	7.6%
8	2/21/2021	104	1924	2028	5.1%
9	2/28/2021	79	1892	1971	4.0%
10	3/7/2021	105	1887	1992	5.3%
11	3/14/2021	120	1872	1992	6.0%
12	3/21/2021	164	1849	2013	8.1%
13	3/28/2021	190	1983	2173	8.7%
14	4/4/2021	176	1781	1957	9.0%
15	4/11/2021	136	1478	1614	8.4%

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

Race	Cases	Rate Per 10000
White	15309	710.1
Black	158	586.9
Asian	82	456.9
American Indian/ Alaska Native	11	163.4
Native Hawaiian or Other Pacific Islander	5	222.9
Unknown	3108	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

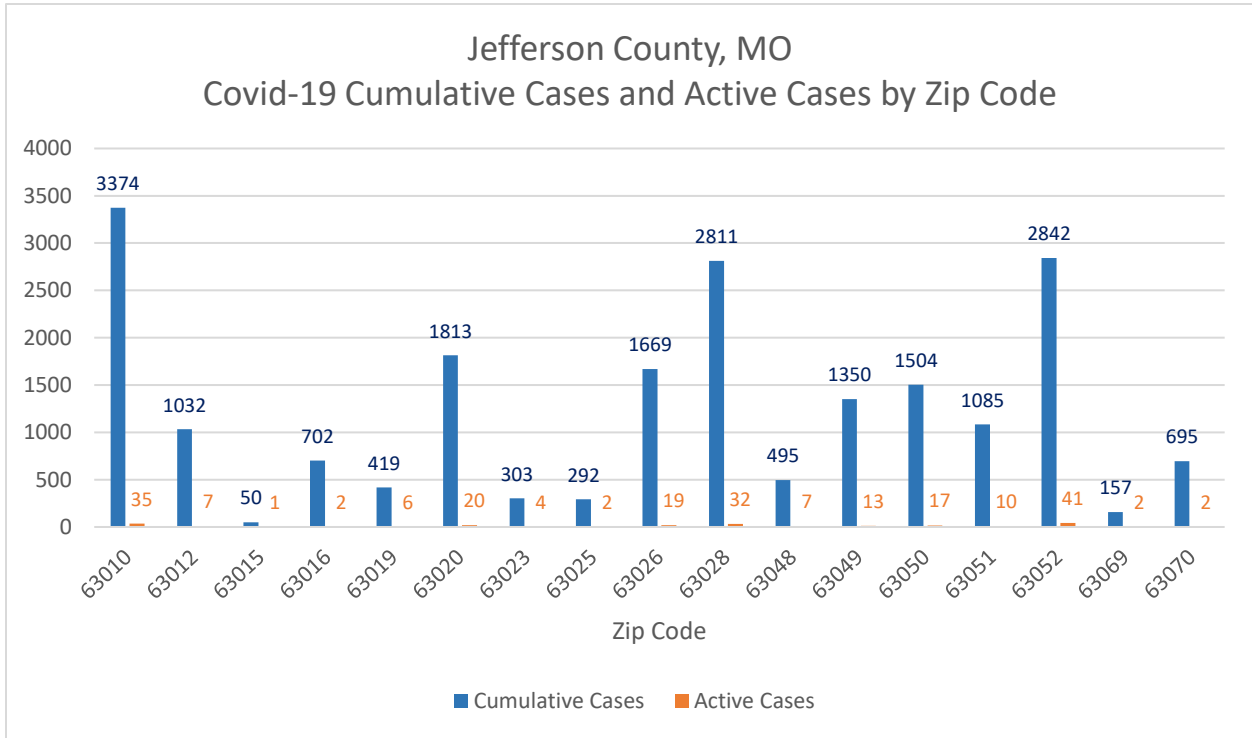
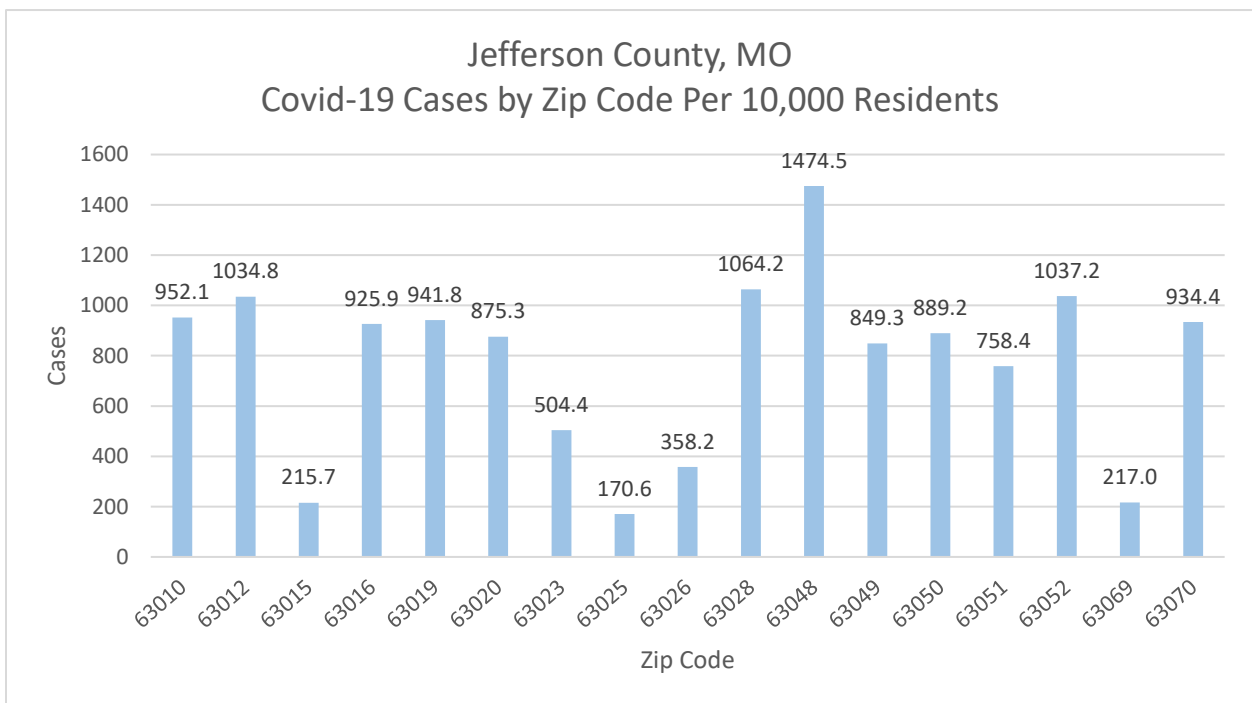


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 15: April 11- April 17

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

SUMMARY:

- During Week 15 a total of 40 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3190 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
30	7/19/2020	21	94
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	53	637
44	10/25/2020	116	753
45	11/1/2020	171	924
46	11/8/2020	232	1156
47	11/15/2020	205	1361
48	11/22/2020	134	1495
49	11/29/2020	166	1661
50	12/6/2020	179	1840
51	12/13/2020	130	1970
52	12/20/2020	88	2058
53	12/27/2020	143	2201
1	1/3/2021	205	2406
2	1/10/2021	136	2542
3	1/17/2021	74	2616
4	1/24/2021	88	2704
5	1/31/2021	91	2795
6	2/7/2021	29	2824
7	2/14/2021	33	2857
8	2/21/2021	29	2886
9	2/28/2021	31	2917
10	3/7/2021	35	2952
11	3/14/2021	32	2984
12	3/21/2021	46	3030
13	3/28/2021	62	3092
14	4/4/2021	58	3150
15	4/11/2021	40	3190

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

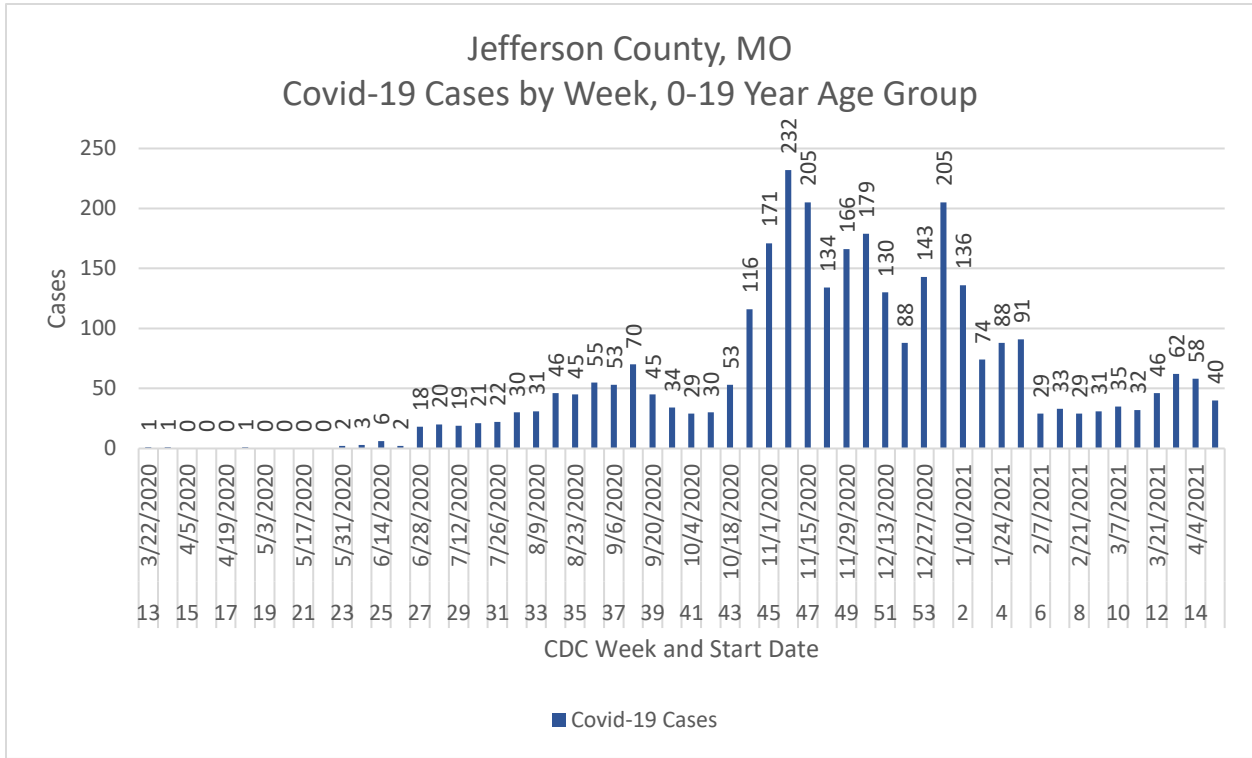


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	816	3.57%
10-19	2,430	10.62%
20+	19,642	85.82%

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

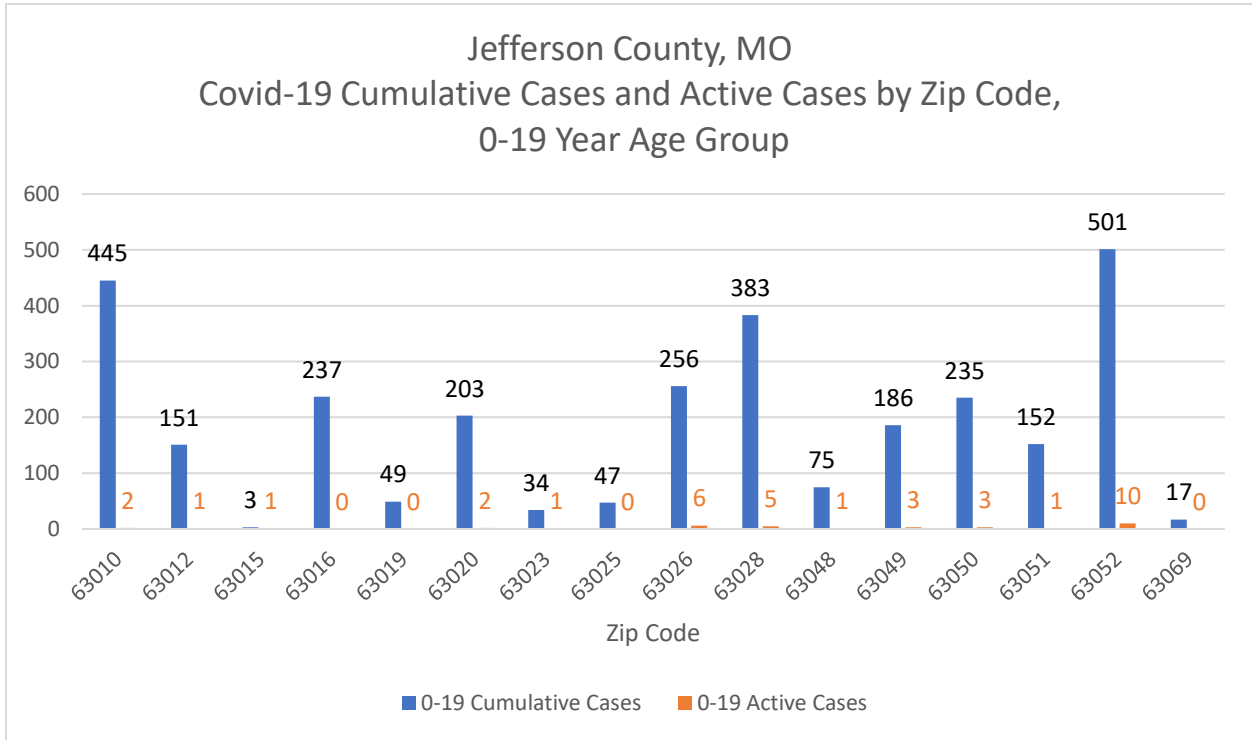


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

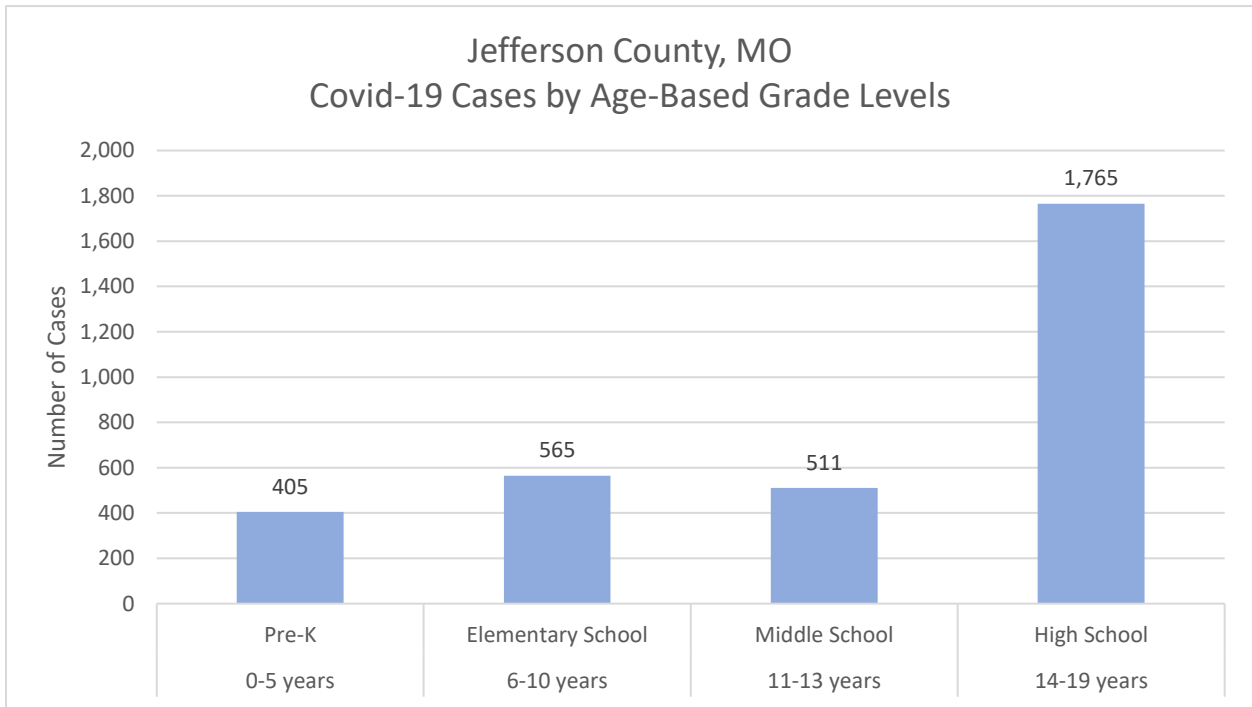


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

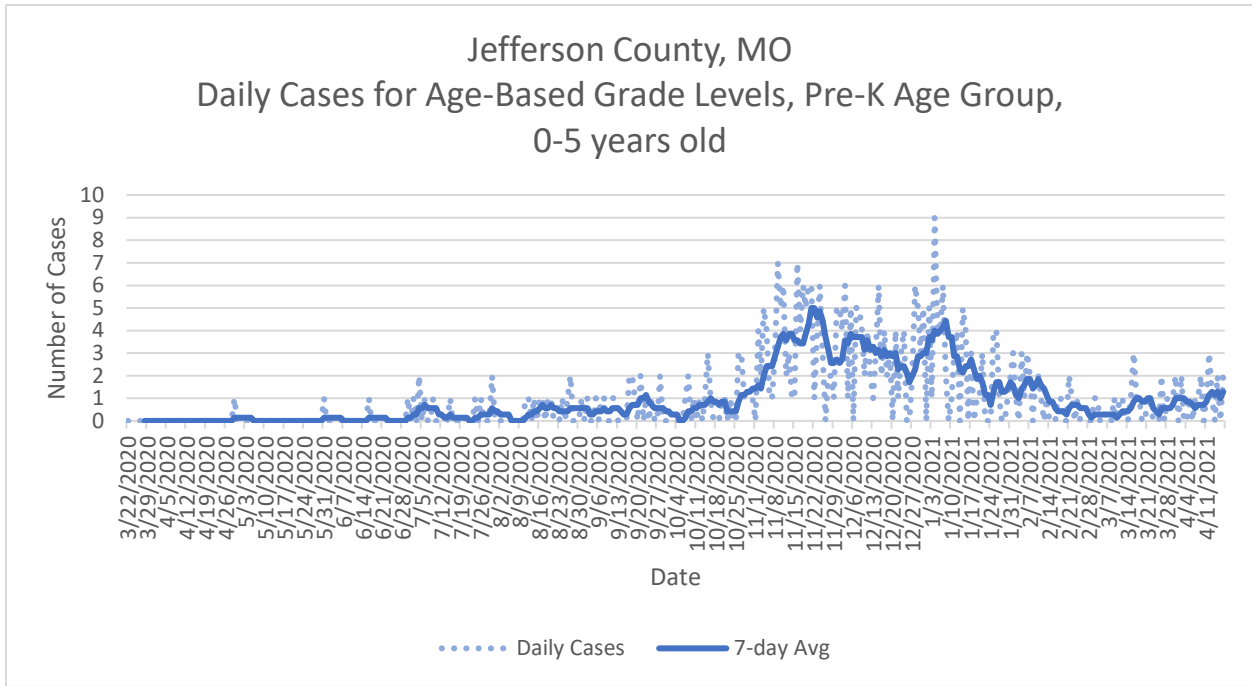


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

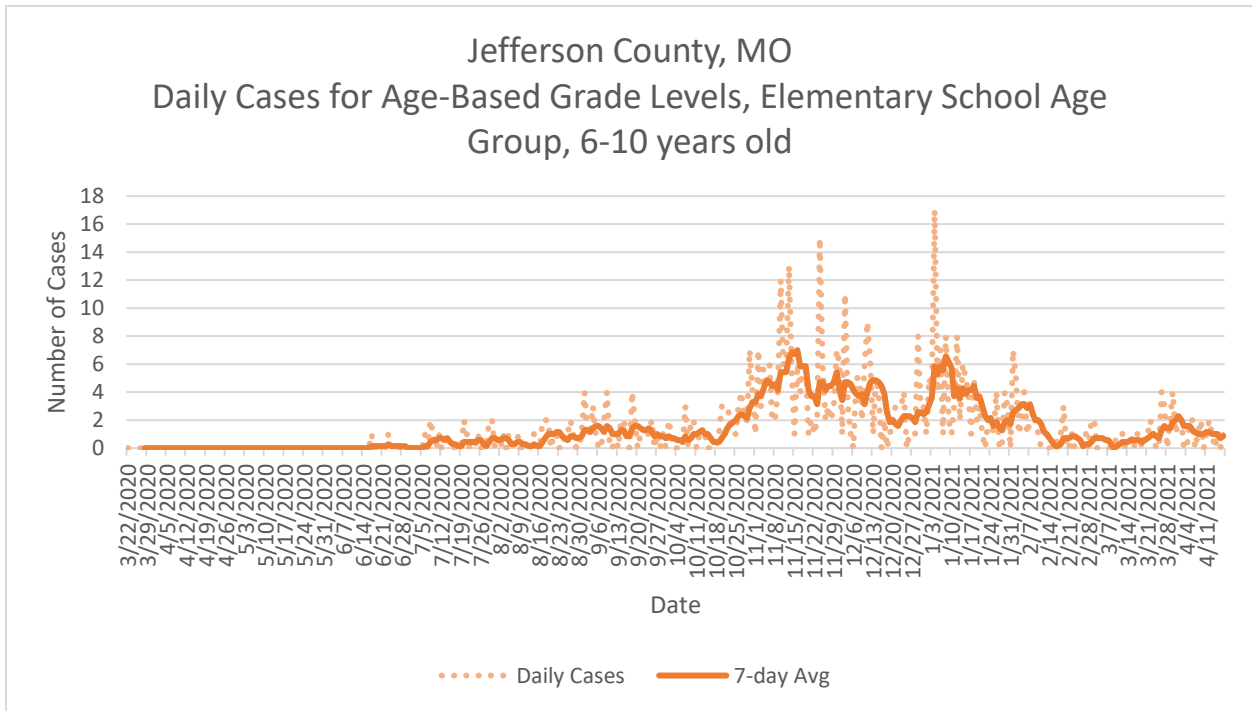


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

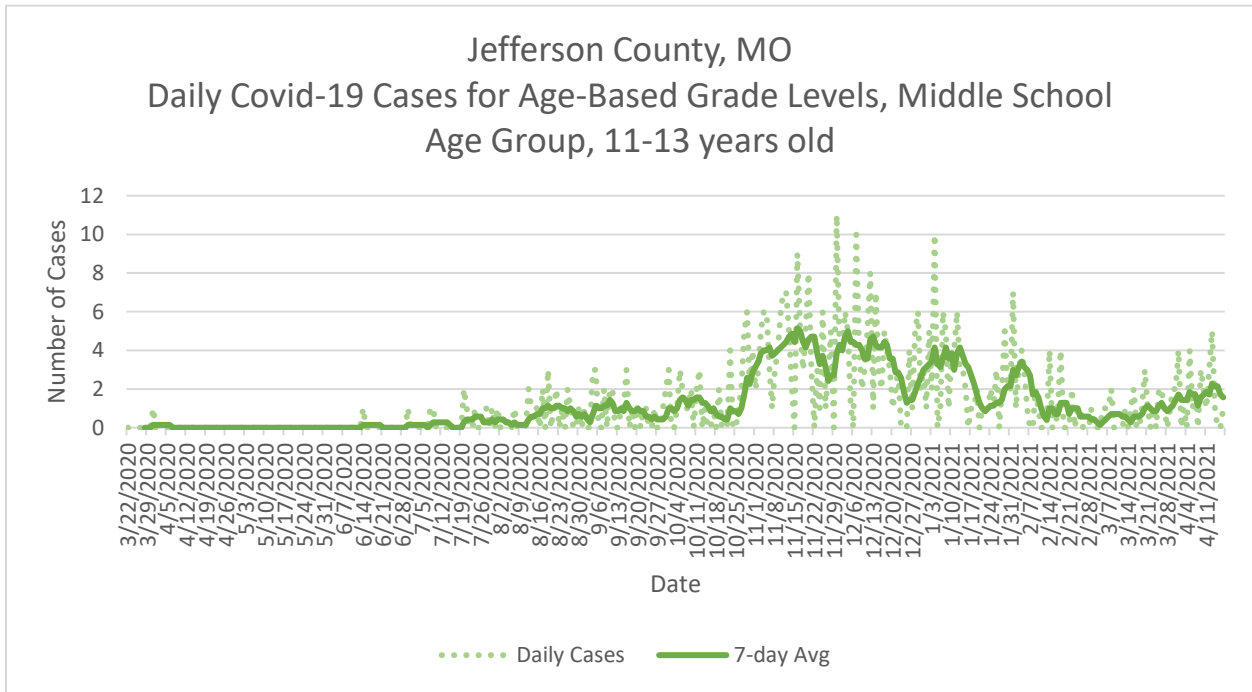


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

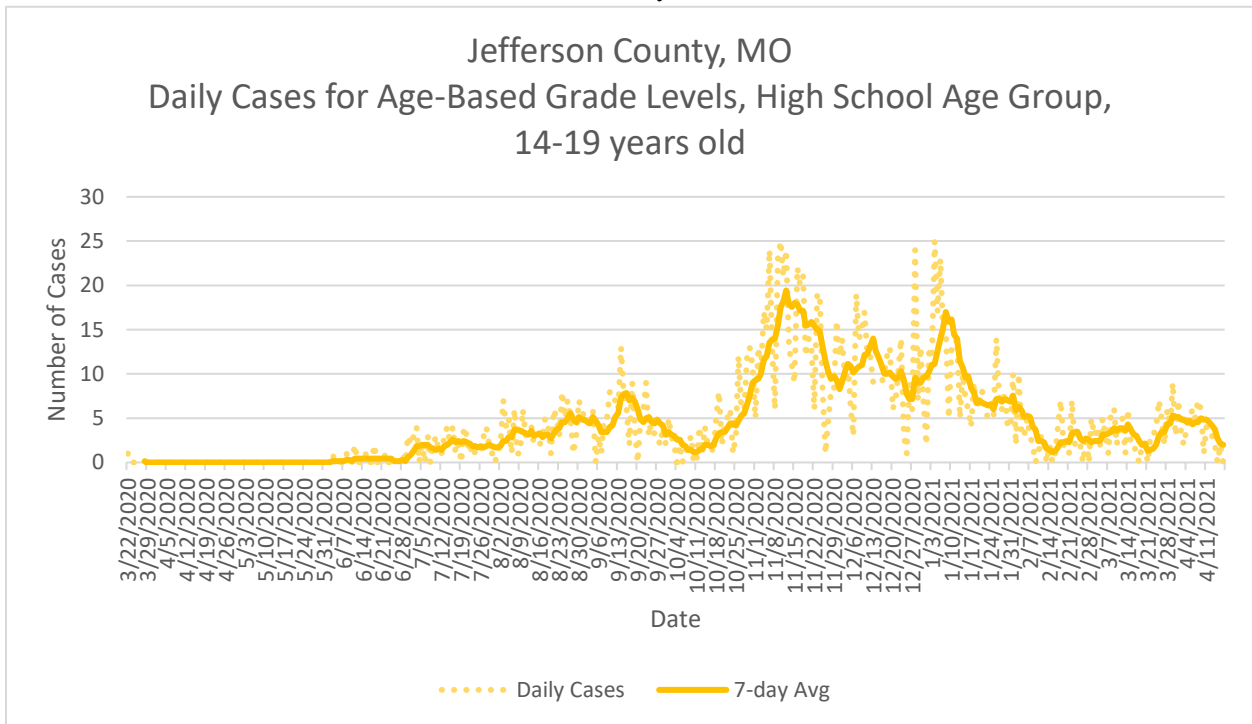


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

