



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 29: July 18- July 24**

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

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**SUMMARY:**

- During Week 29 a total of 370 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 24792 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 29.
- Two hundred fifty-five Covid-19 associated deaths have been reported in Jefferson County as of Week 29.
- Twenty-six outbreaks of Covid-19 have been reported in long-term care facilities (LTCF) in Jefferson County.<sup>1</sup>

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<sup>1</sup>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
42	10/11/2020	317	5085
43	10/18/2020	394	5479
44	10/25/2020	723	6202
45	11/1/2020	1202	7404
46	11/8/2020	1539	8943
47	11/15/2020	1483	10426
48	11/22/2020	1139	11565
49	11/29/2020	1251	12816
50	12/6/2020	1098	13914
51	12/13/2020	946	14860
52	12/20/2020	718	15578
53	12/27/2020	1065	16643
1	1/3/2021	1229	17872
2	1/10/2021	889	18761
3	1/17/2021	635	19396
4	1/24/2021	524	19920
5	1/31/2021	378	20298
6	2/7/2021	257	20555
7	2/14/2021	214	20769
8	2/21/2021	190	20959
9	2/28/2021	171	21130
10	3/7/2021	176	21306
11	3/14/2021	211	21517
12	3/21/2021	284	21801
13	3/28/2021	315	22116
14	4/4/2021	329	22445
15	4/11/2021	273	22718
16	4/18/2021	206	22924
17	4/25/2021	186	23110
18	5/2/2021	144	23254
19	5/9/2021	116	23370
20	5/16/2021	76	23446
21	5/23/2021	63	23509
22	5/30/2021	60	23569
23	6/6/2021	59	23628
24	6/13/2021	74	23702
25	6/20/2021	86	23788
26	6/27/2021	146	23934
27	7/4/2021	181	24115
28	7/11/2021	307	24422
29	7/18/2021	370	24792

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

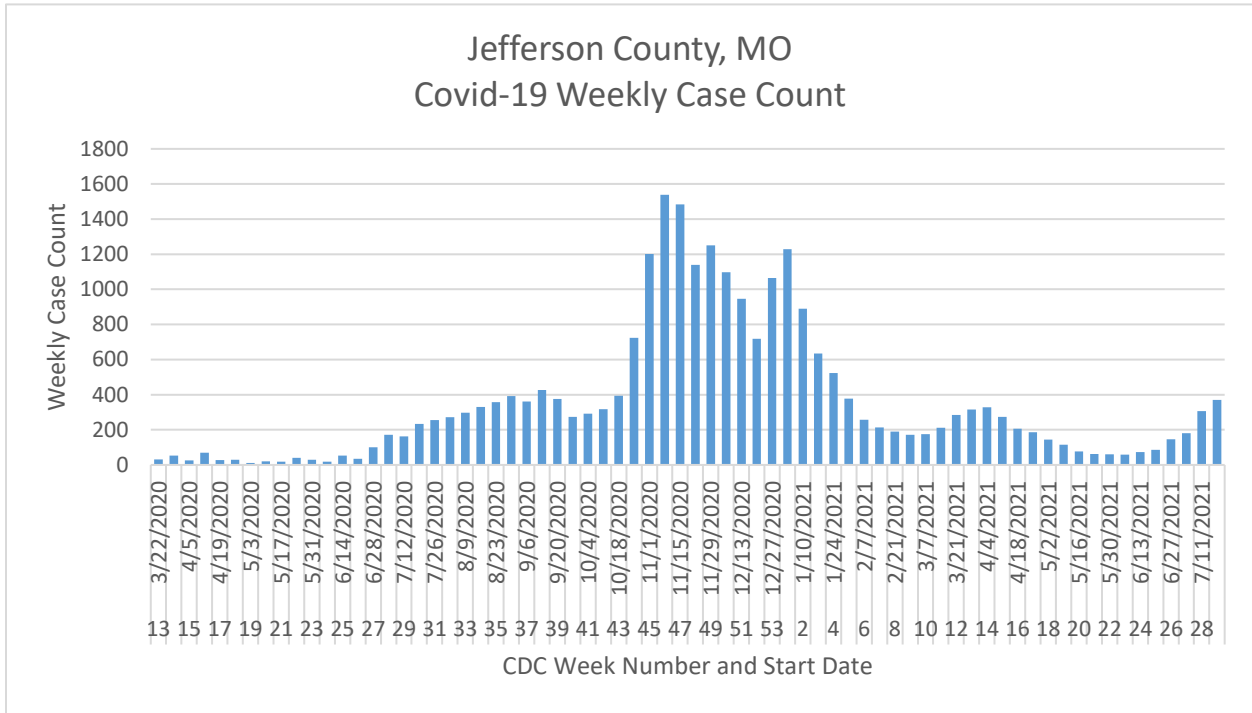


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

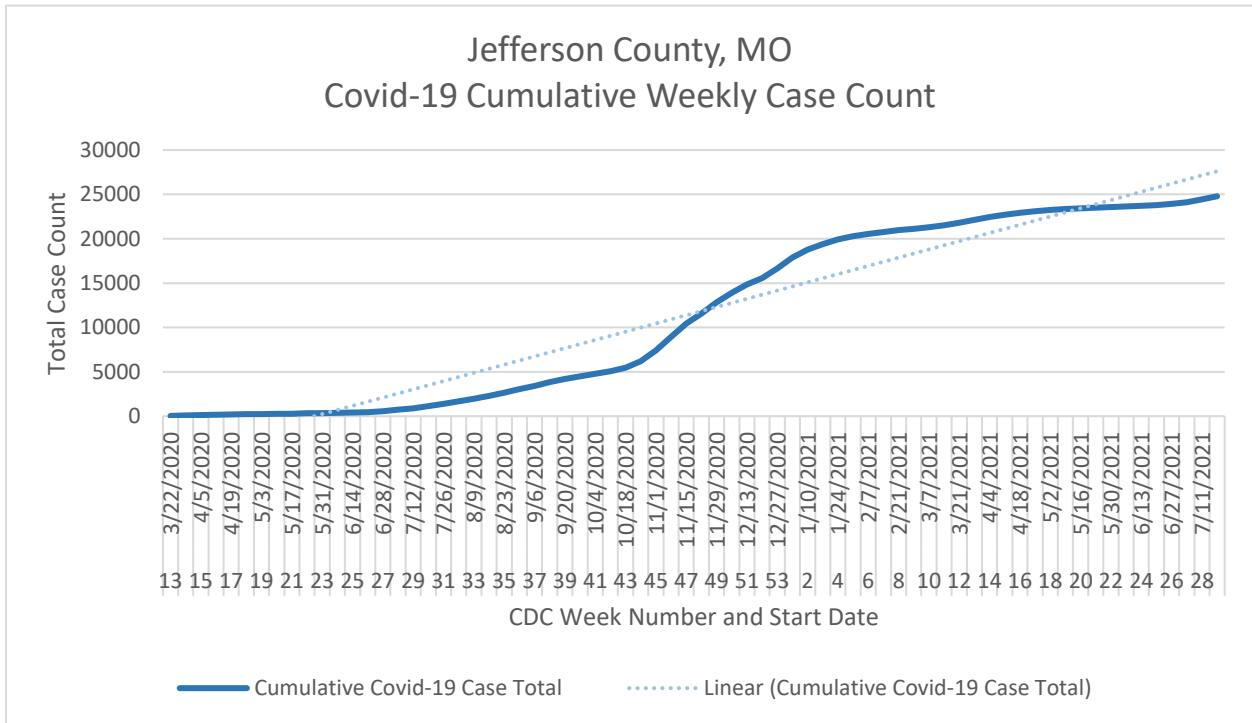


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

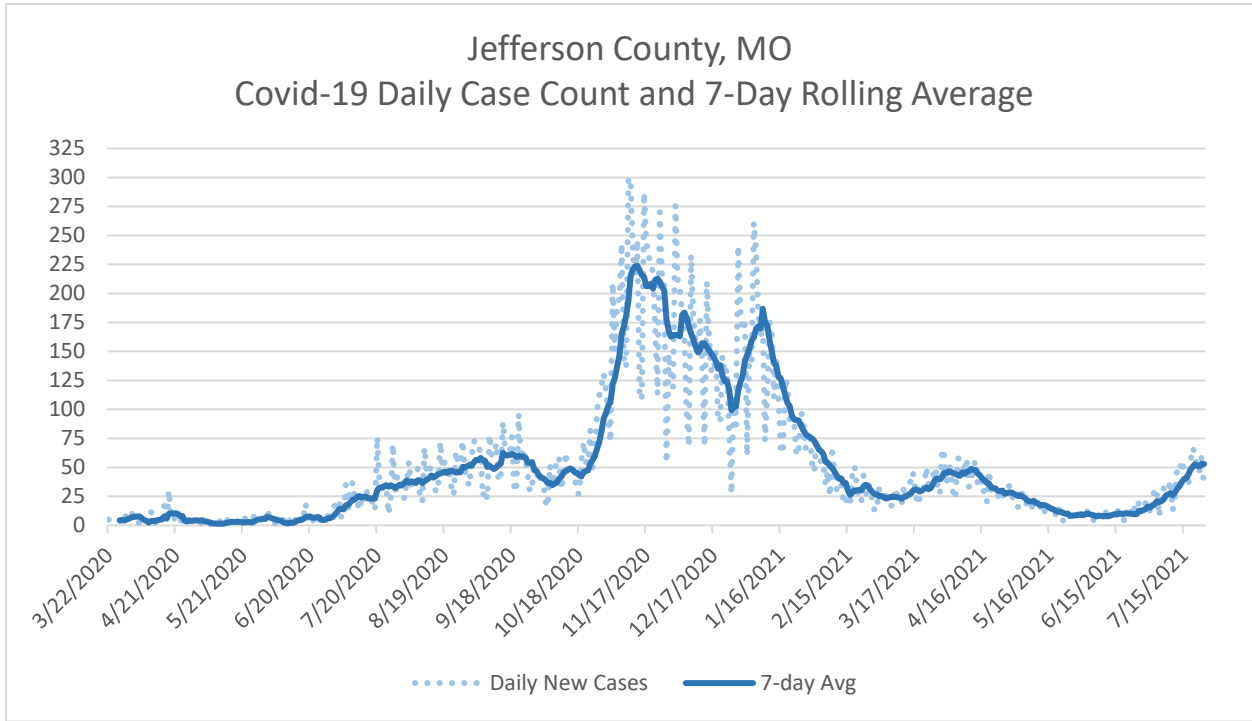


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

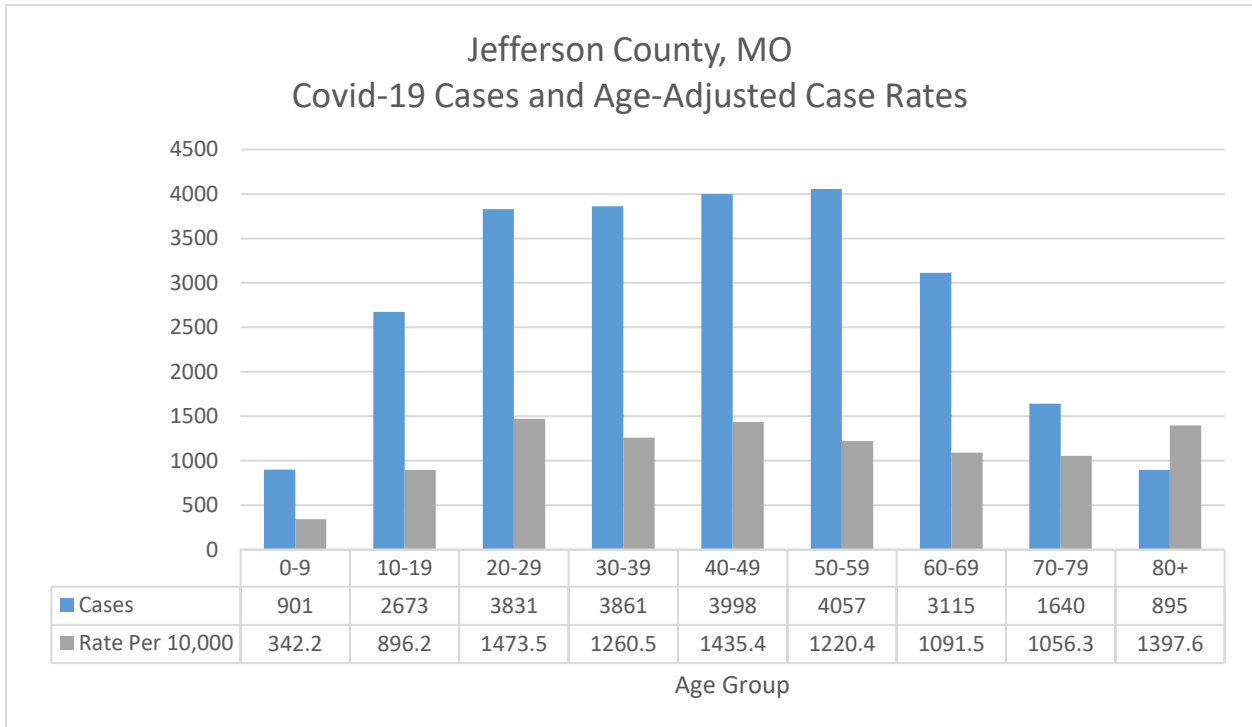


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

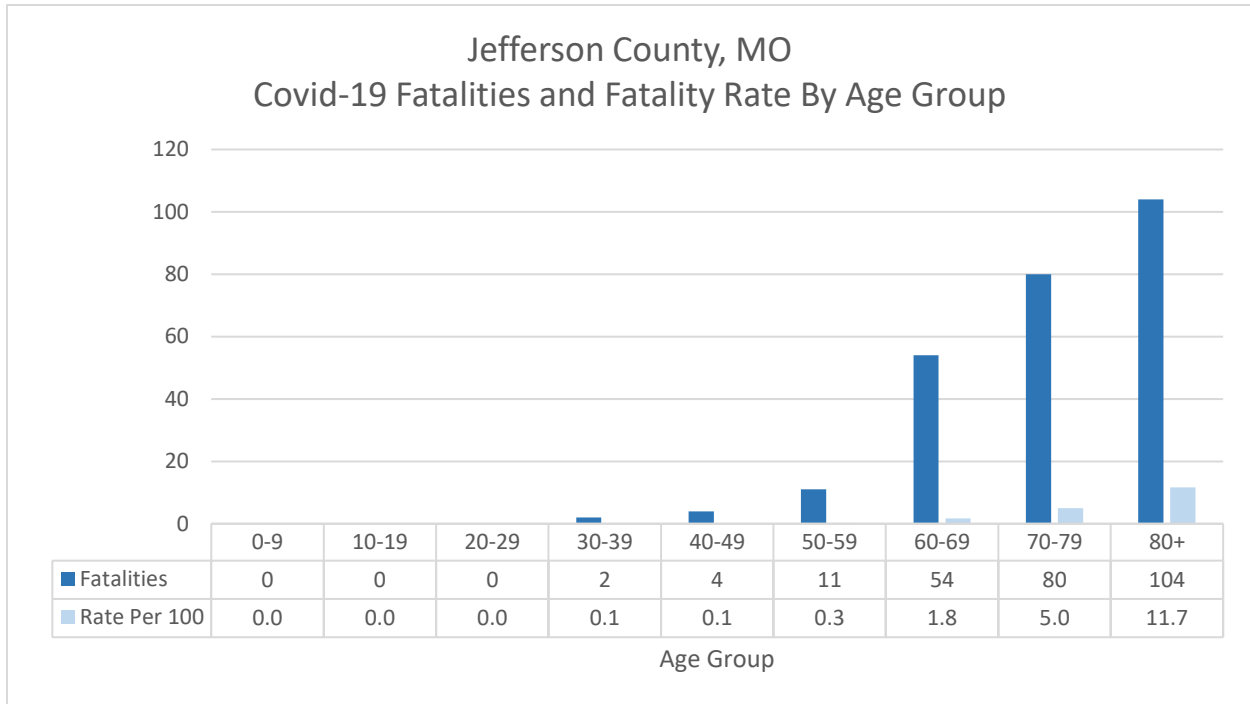


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.02%
Missouri	1.44%
US	1.77%

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

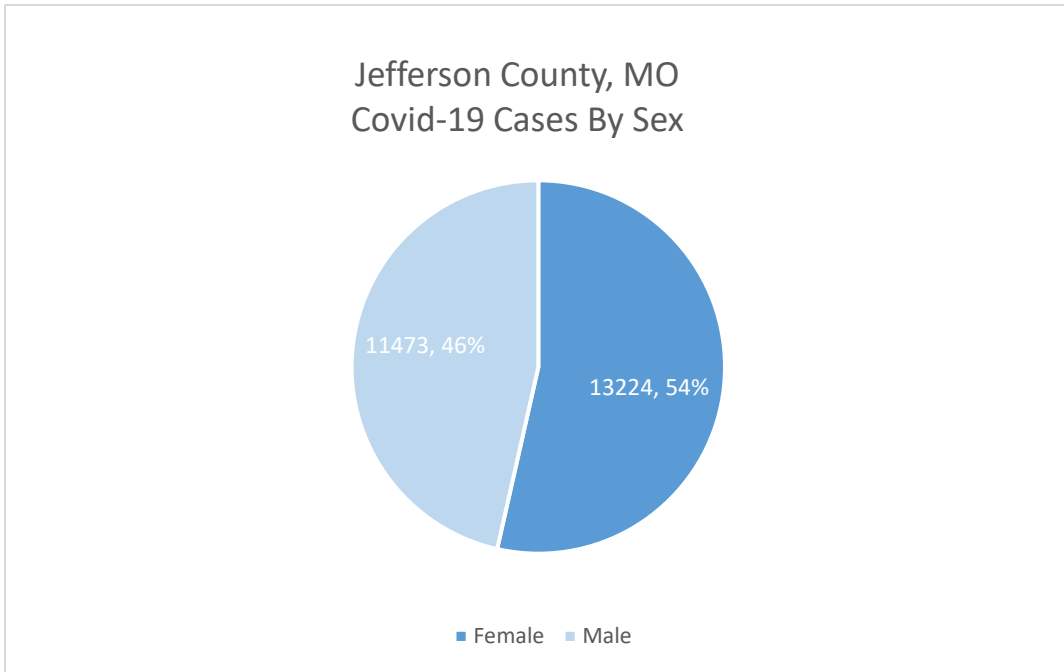


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

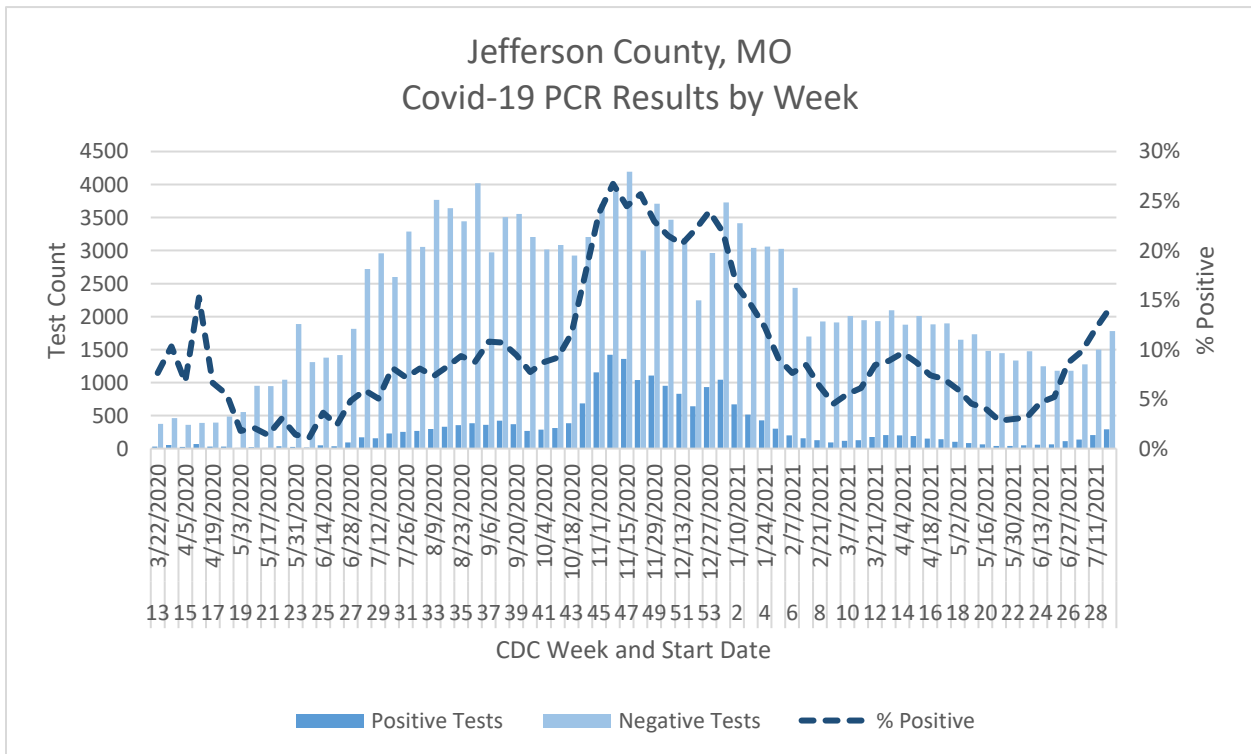


Table 3. Covid-19 PCR Test Results and Percent Positive  
by Week, Jefferson County, Missouri

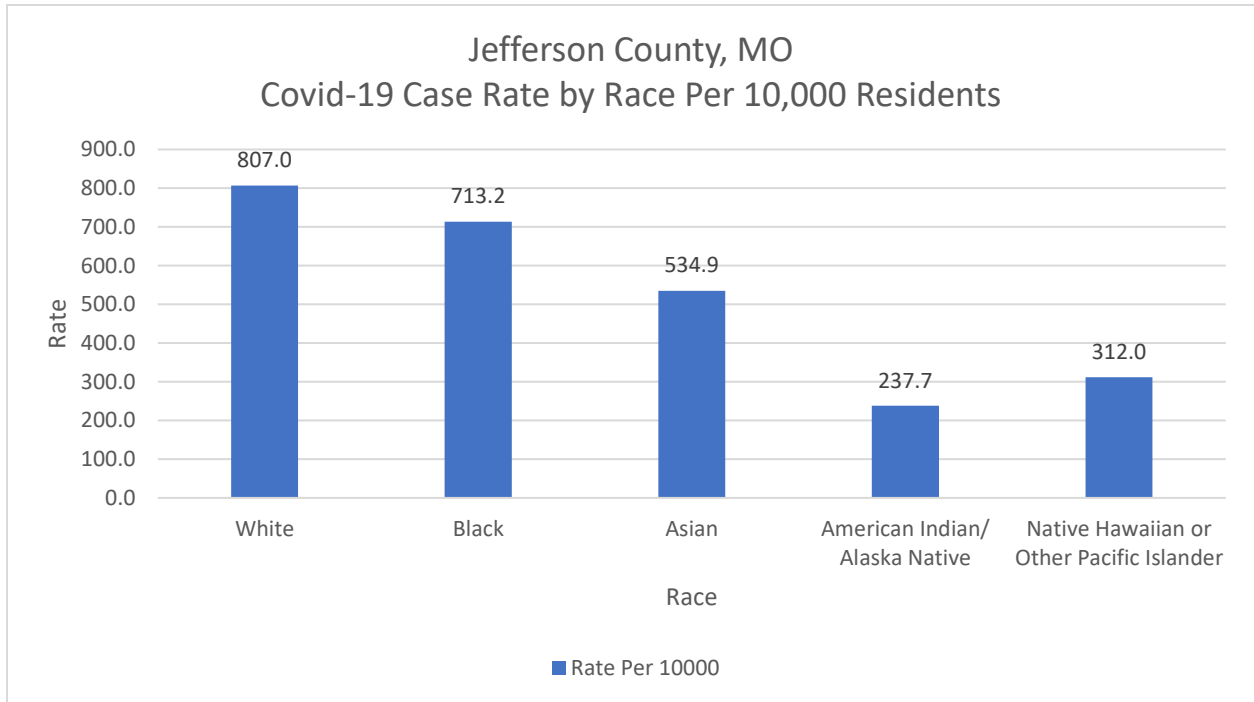
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
40	9/27/2020	268	3203	3471	7.7%
41	10/4/2020	289	3017	3306	8.7%
42	10/11/2020	312	3082	3394	9.2%
43	10/18/2020	384	2926	3310	11.6%
44	10/25/2020	684	3204	3888	17.6%
45	11/1/2020	1153	3699	4852	23.8%
46	11/8/2020	1422	3896	5318	26.7%
47	11/15/2020	1359	4192	5551	24.5%
48	11/22/2020	1038	3003	4041	25.7%
49	11/29/2020	1106	3710	4816	23.0%
50	12/6/2020	949	3466	4415	21.5%
51	12/13/2020	830	3185	4015	20.7%
52	12/20/2020	639	2245	2884	22.2%
53	12/27/2020	933	2962	3895	24.0%
1	1/3/2021	1042	3731	4773	21.8%
2	1/10/2021	669	3415	4084	16.4%
3	1/17/2021	517	3043	3560	14.5%
4	1/24/2021	429	3062	3491	12.3%
5	1/31/2021	302	3024	3326	9.1%
6	2/7/2021	201	2435	2636	7.6%
7	2/14/2021	157	1700	1857	8.5%
8	2/21/2021	129	1925	2054	6.3%
9	2/28/2021	91	1910	2001	4.5%
10	3/7/2021	117	2006	2123	5.5%
11	3/14/2021	127	1945	2072	6.1%
12	3/21/2021	178	1931	2109	8.4%
13	3/28/2021	204	2097	2301	8.9%
14	4/4/2021	201	1878	2079	9.7%
15	4/11/2021	191	2008	2199	8.7%
16	4/18/2021	151	1884	2035	7.4%
17	4/25/2021	143	1897	2040	7.0%
18	5/2/2021	105	1647	1752	6.0%
19	5/9/2021	82	1732	1814	4.5%
20	5/16/2021	63	1480	1543	4.1%
21	5/23/2021	42	1445	1487	2.8%
22	5/30/2021	41	1333	1374	3.0%
23	6/6/2021	48	1477	1525	3.1%
24	6/13/2021	61	1246	1307	4.7%
25	6/20/2021	65	1179	1244	5.2%
26	6/27/2021	112	1179	1291	8.7%
27	7/4/2021	139	1274	1413	9.8%
28	7/11/2021	206	1498	1704	12.1%
29	7/18/2021	293	1781	2074	14.1%

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

Race	Cases	Rate Per 10000
White	17399	807.0
Black	192	713.2
Asian	96	534.9
American Indian/ Alaska Native	16	237.7
Native Hawaiian or Other Pacific Islander	7	312.0
Unknown	3207	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

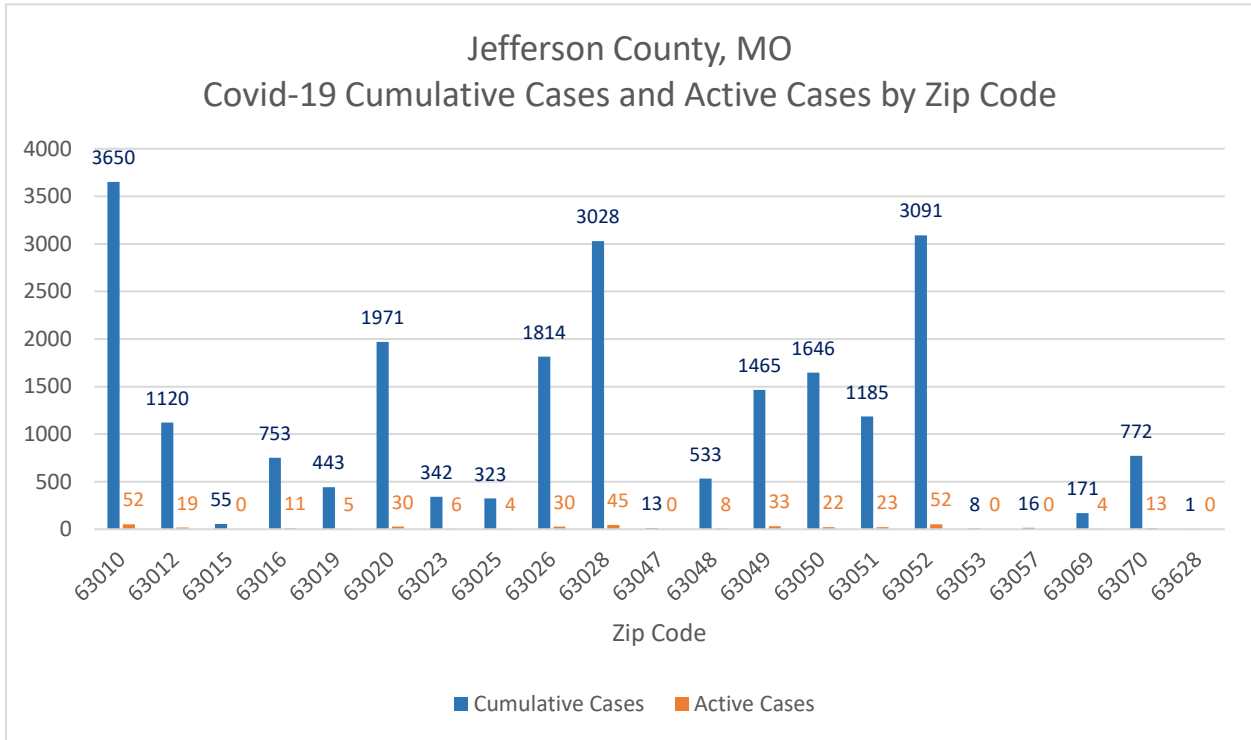
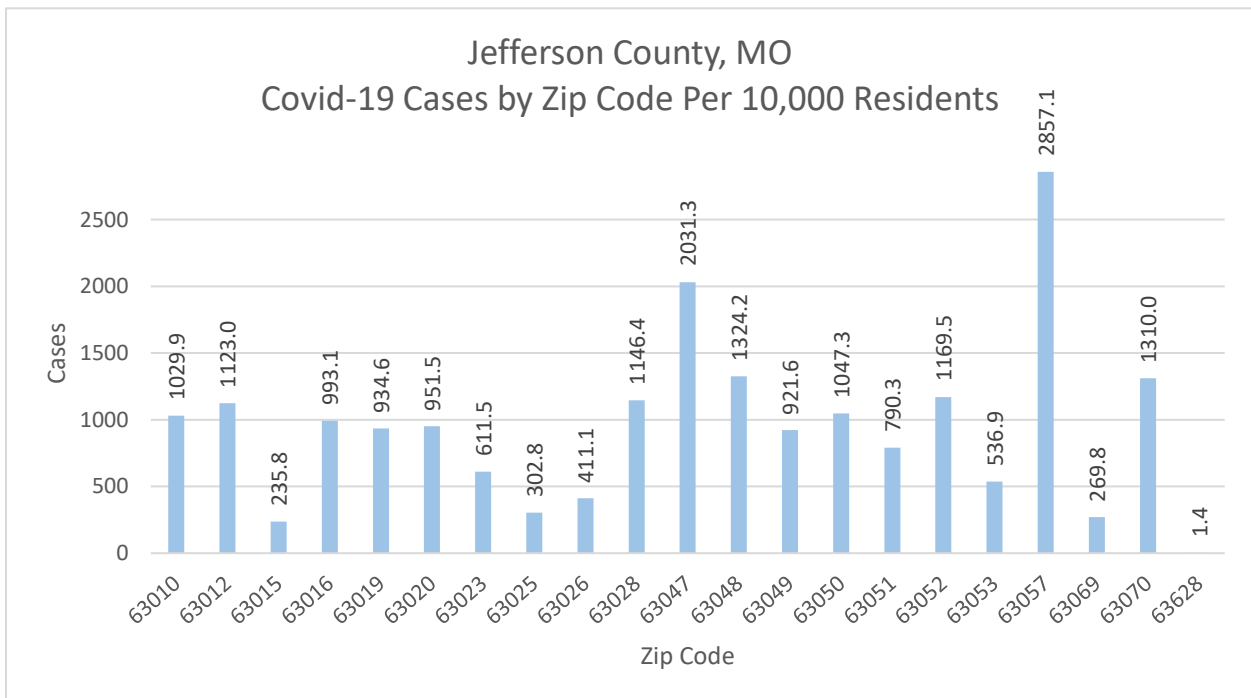


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

**Week 29: July 18- July 24**

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

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**SUMMARY:**

- During Week 29 a total of 75 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3515 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
44	10/25/2020	116	711
45	11/1/2020	164	875
46	11/8/2020	220	1095
47	11/15/2020	192	1287
48	11/22/2020	133	1420
49	11/29/2020	158	1578
50	12/6/2020	175	1753
51	12/13/2020	127	1880
52	12/20/2020	88	1968
53	12/27/2020	141	2109
1	1/3/2021	198	2307
2	1/10/2021	129	2436
3	1/17/2021	75	2511
4	1/24/2021	86	2597
5	1/31/2021	92	2689
6	2/7/2021	28	2717
7	2/14/2021	33	2750
8	2/21/2021	30	2780
9	2/28/2021	33	2813
10	3/7/2021	36	2849
11	3/14/2021	31	2880
12	3/21/2021	46	2926
13	3/28/2021	62	2988
14	4/4/2021	58	3046
15	4/11/2021	48	3094
16	4/18/2021	44	3138
17	4/25/2021	49	3187
18	5/2/2021	38	3225
19	5/9/2021	22	3247
20	5/16/2021	12	3259
21	5/23/2021	6	3265
22	5/30/2021	4	3269
23	6/6/2021	8	3277
24	6/13/2021	13	3290
25	6/20/2021	25	3315
26	6/27/2021	25	3340
27	7/4/2021	34	3374
28	7/11/2021	66	3440
29	7/18/2021	75	3515

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

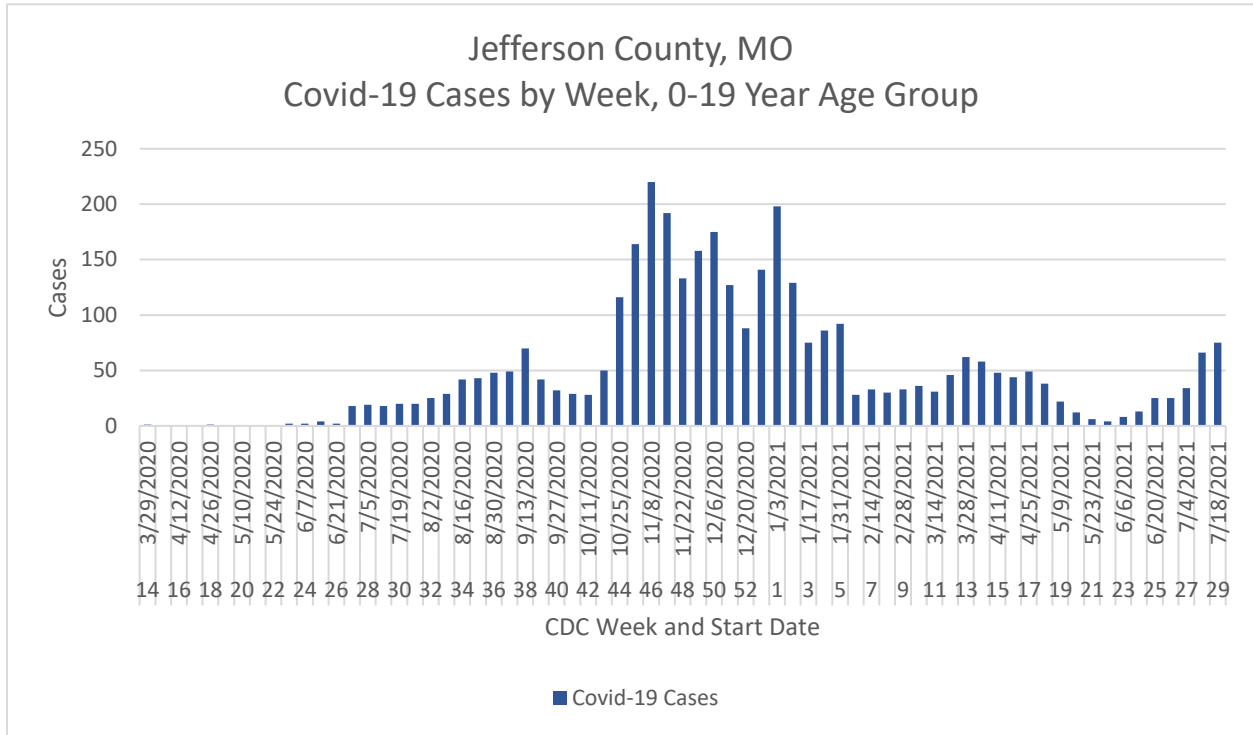


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	901	3.61%
10-19	2,673	10.70%
20+	21,397	85.69%

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

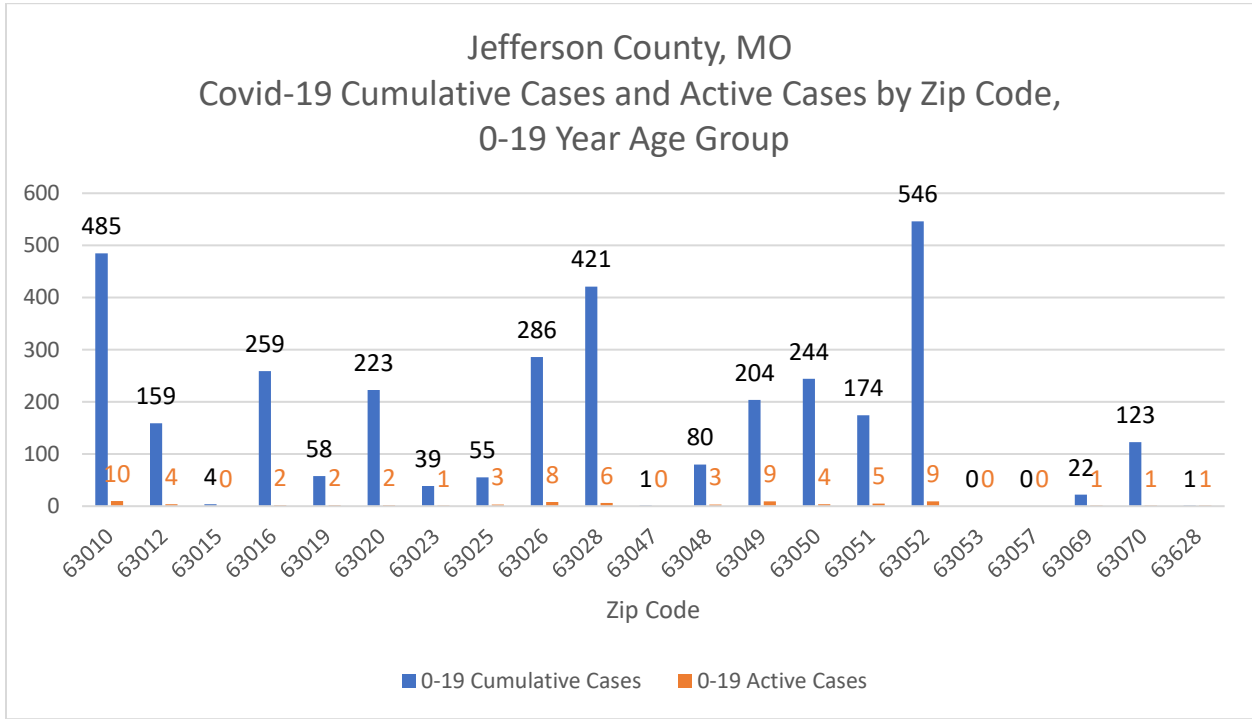


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

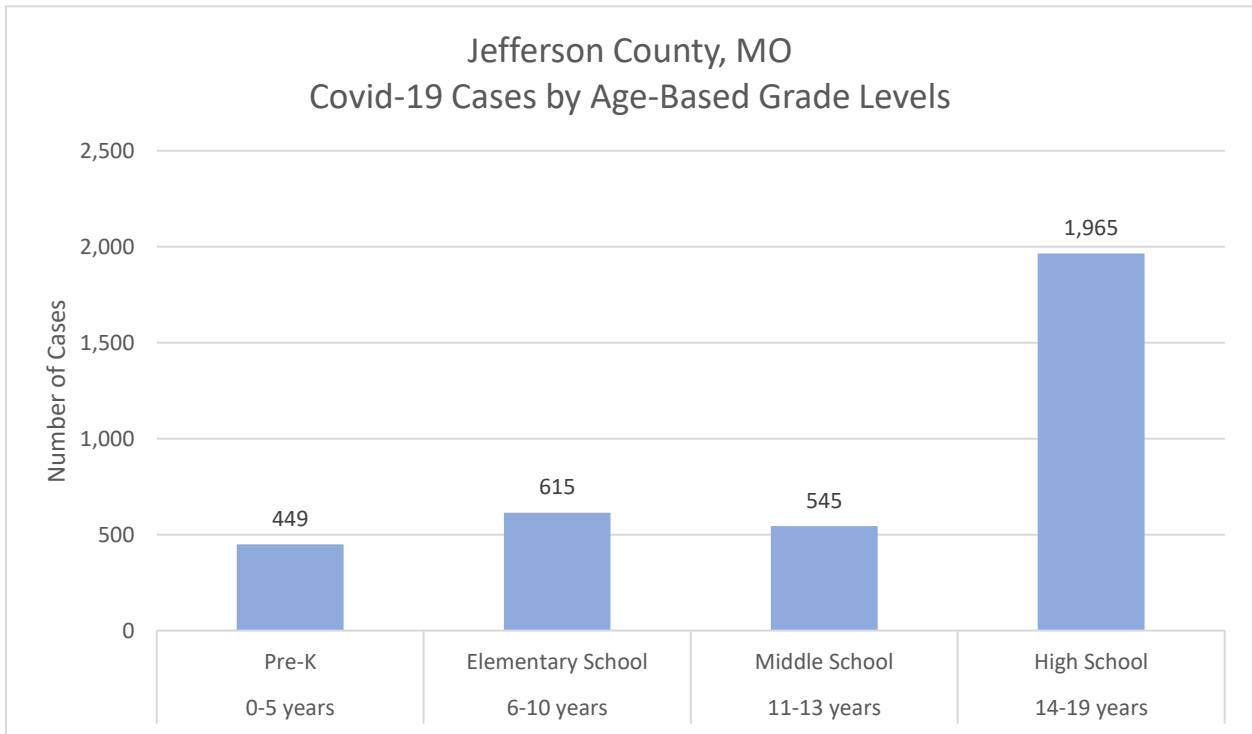


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

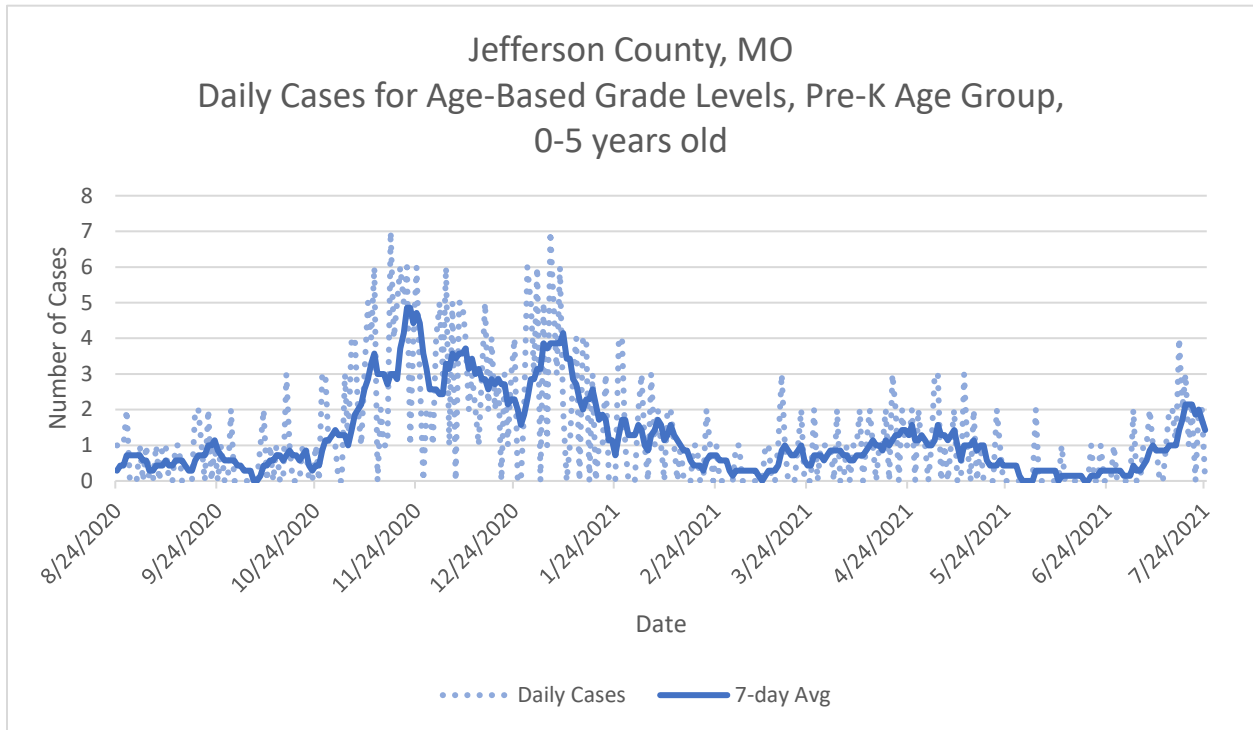


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

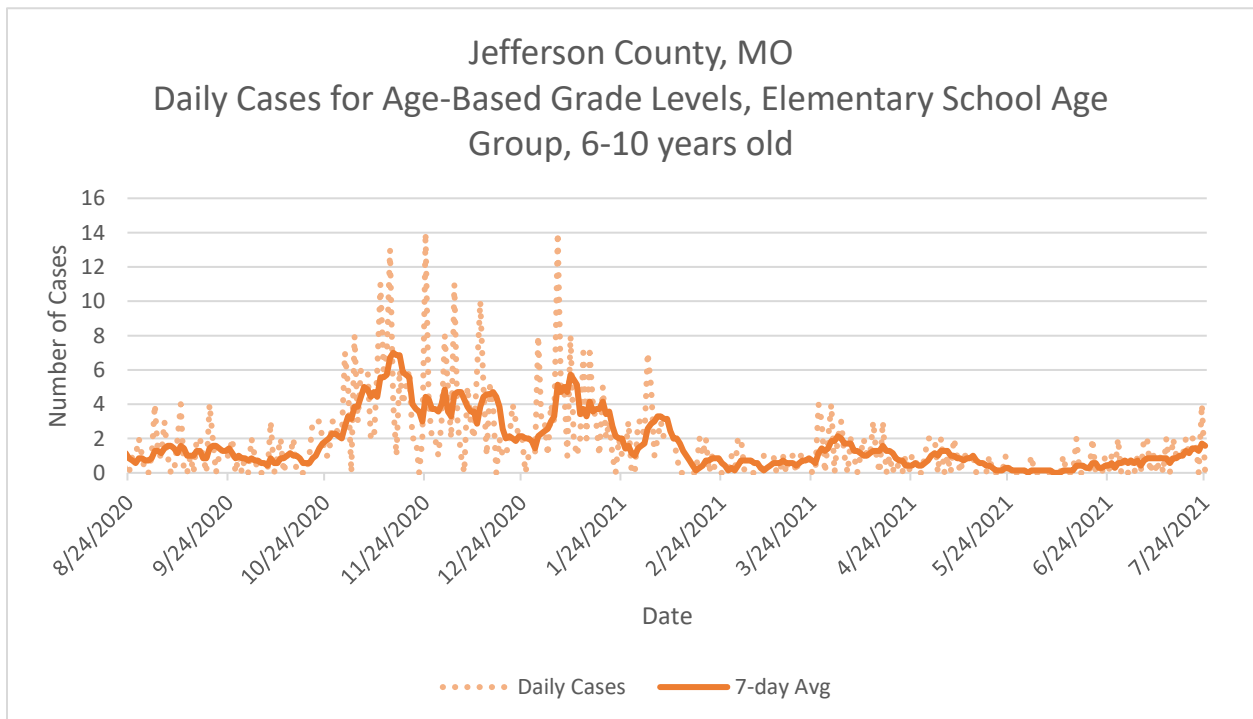


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

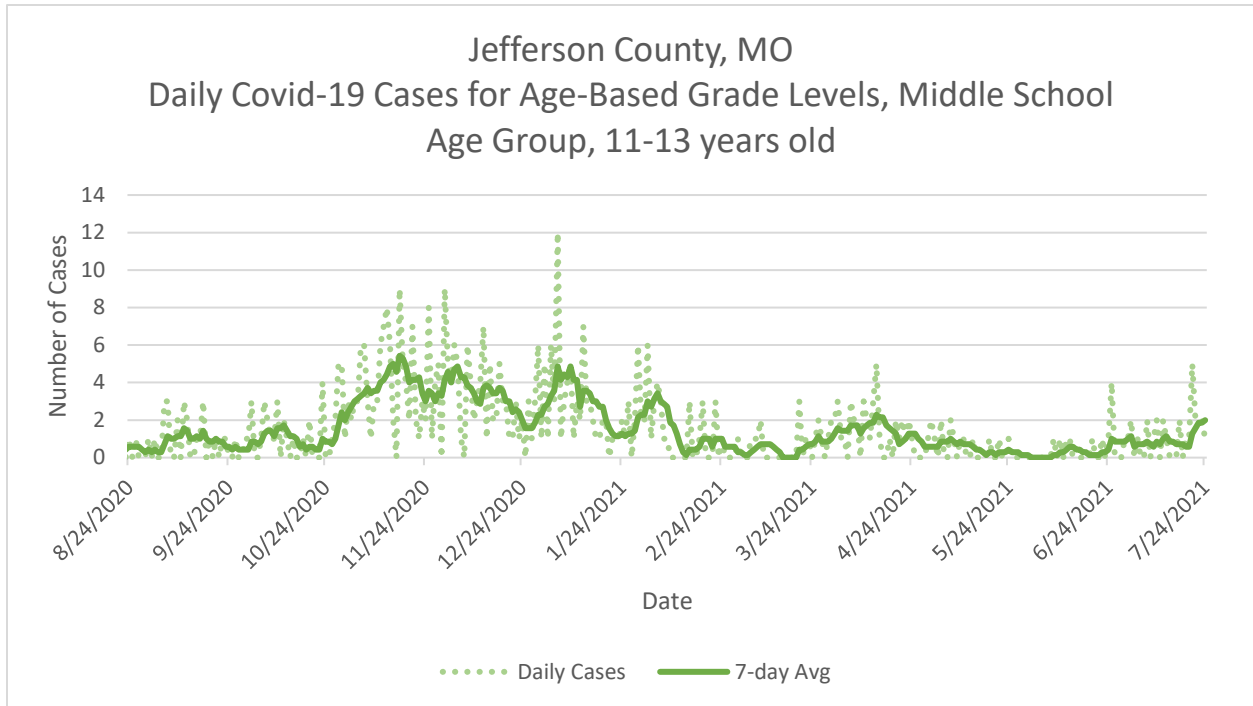


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

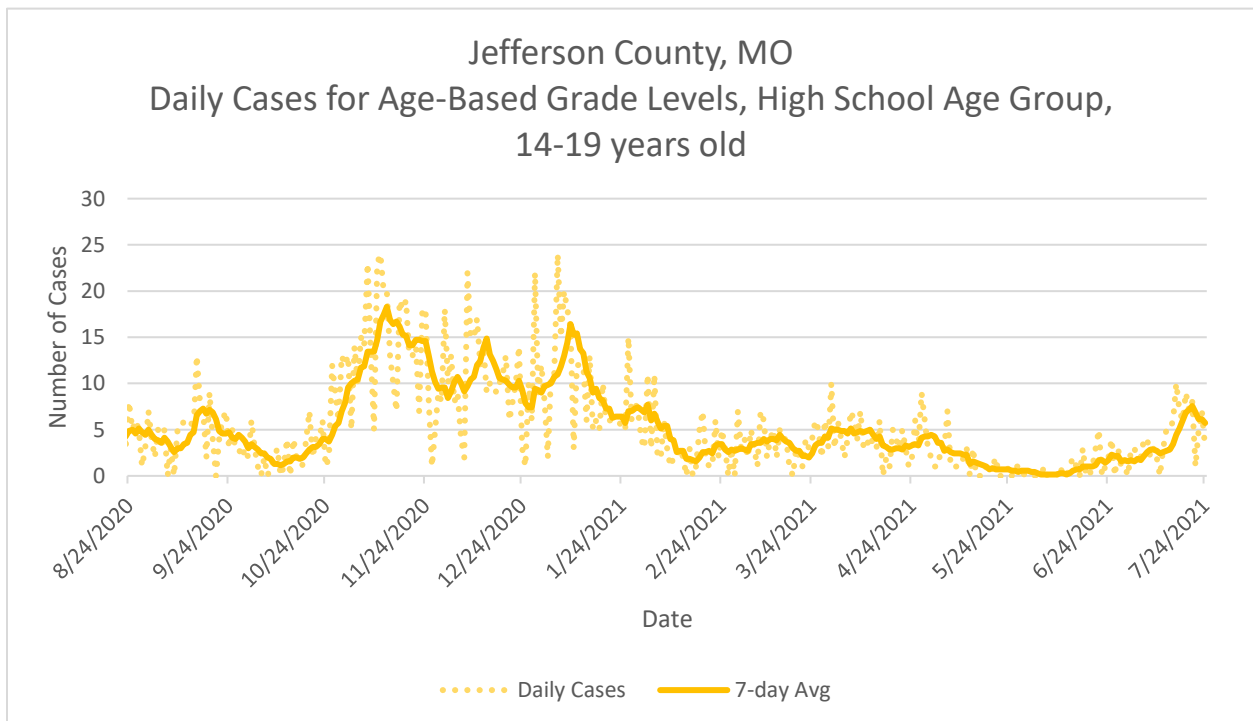


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

