



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 30: July 25- July 31

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

SUMMARY:

- During Week 30 a total of 497 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 25302 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 30.
- Two hundred fifty-five Covid-19 associated deaths have been reported in Jefferson County as of Week 30.
- 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
43	10/18/2020	394	5477
44	10/25/2020	723	6200
45	11/1/2020	1202	7402
46	11/8/2020	1539	8941
47	11/15/2020	1481	10422
48	11/22/2020	1139	11561
49	11/29/2020	1251	12812
50	12/6/2020	1096	13908
51	12/13/2020	942	14850
52	12/20/2020	718	15568
53	12/27/2020	1065	16633
1	1/3/2021	1228	17861
2	1/10/2021	889	18750
3	1/17/2021	635	19385
4	1/24/2021	523	19908
5	1/31/2021	377	20285
6	2/7/2021	257	20542
7	2/14/2021	213	20755
8	2/21/2021	190	20945
9	2/28/2021	171	21116
10	3/7/2021	176	21292
11	3/14/2021	211	21503
12	3/21/2021	283	21786
13	3/28/2021	315	22101
14	4/4/2021	329	22430
15	4/11/2021	270	22700
16	4/18/2021	205	22905
17	4/25/2021	185	23090
18	5/2/2021	143	23233
19	5/9/2021	116	23349
20	5/16/2021	76	23425
21	5/23/2021	63	23488
22	5/30/2021	60	23548
23	6/6/2021	59	23607
24	6/13/2021	74	23681
25	6/20/2021	86	23767
26	6/27/2021	146	23913
27	7/4/2021	181	24094
28	7/11/2021	301	24395
29	7/18/2021	410	24805
30	7/25/2021	497	25302

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

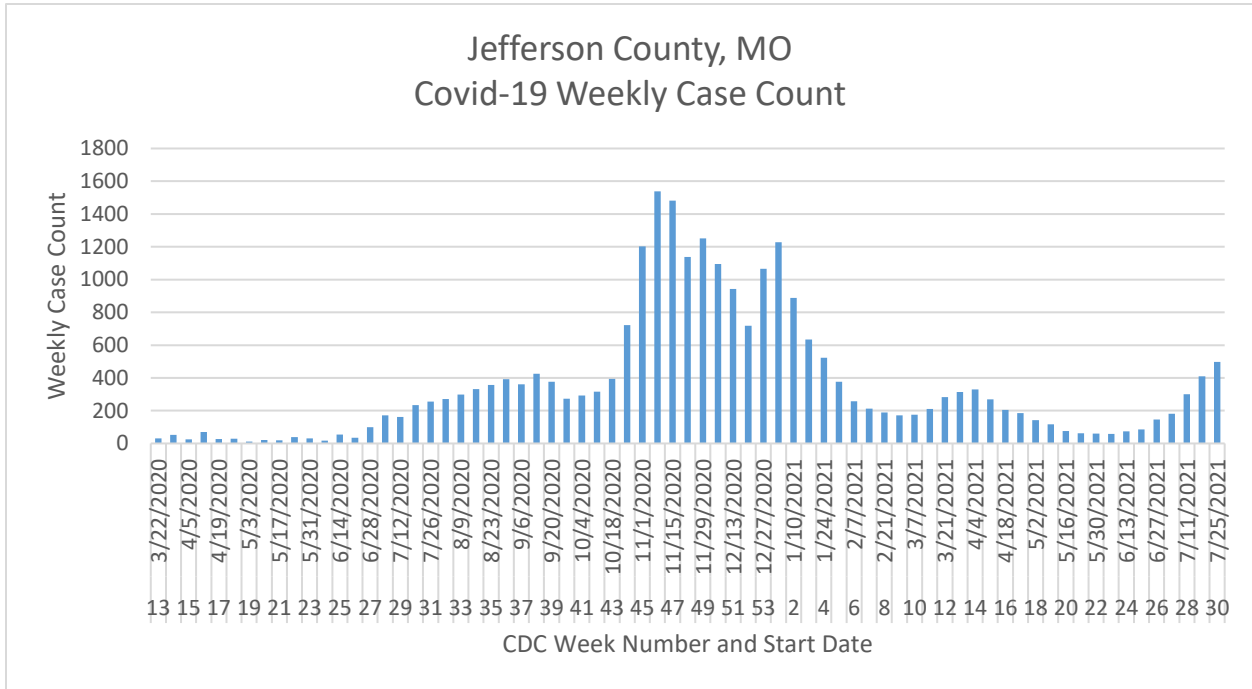


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

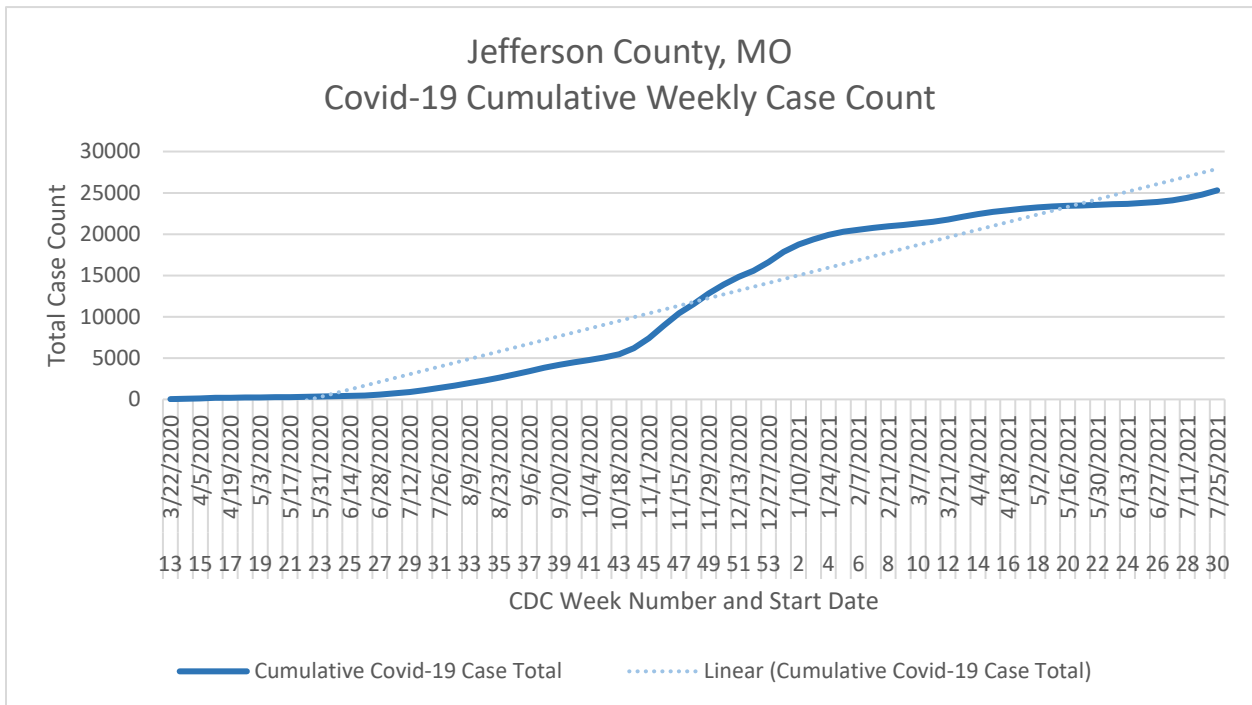


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

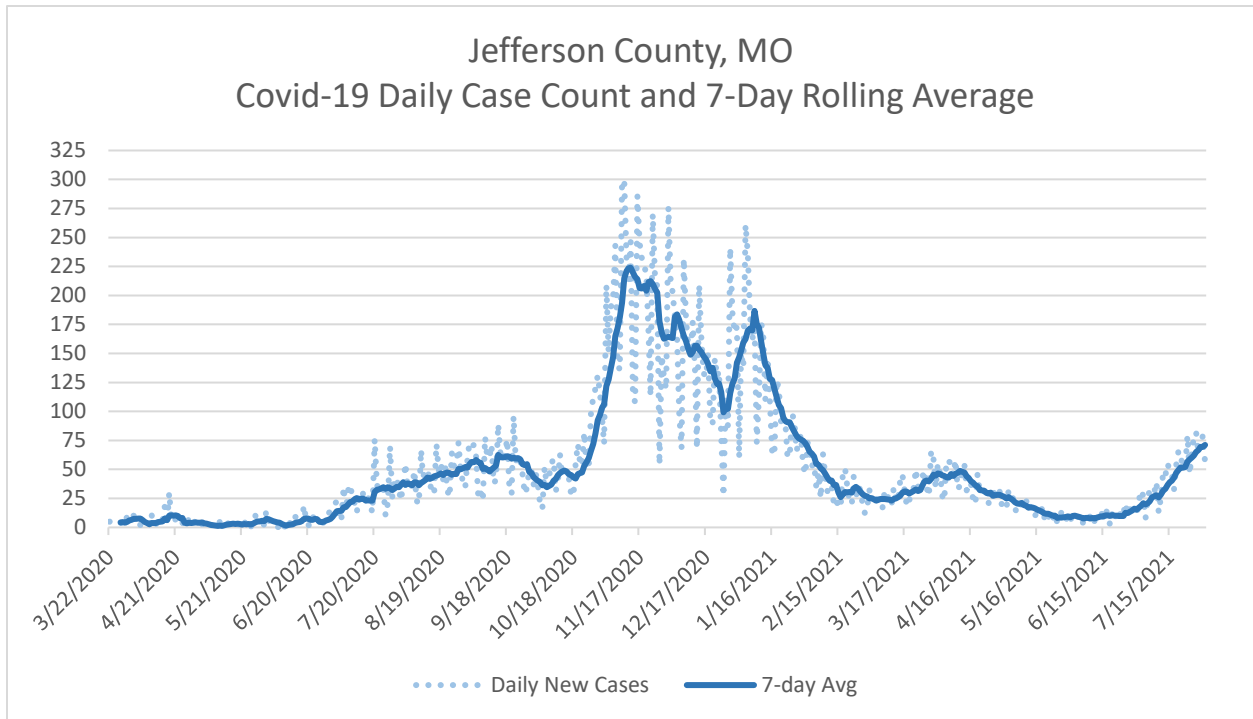


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

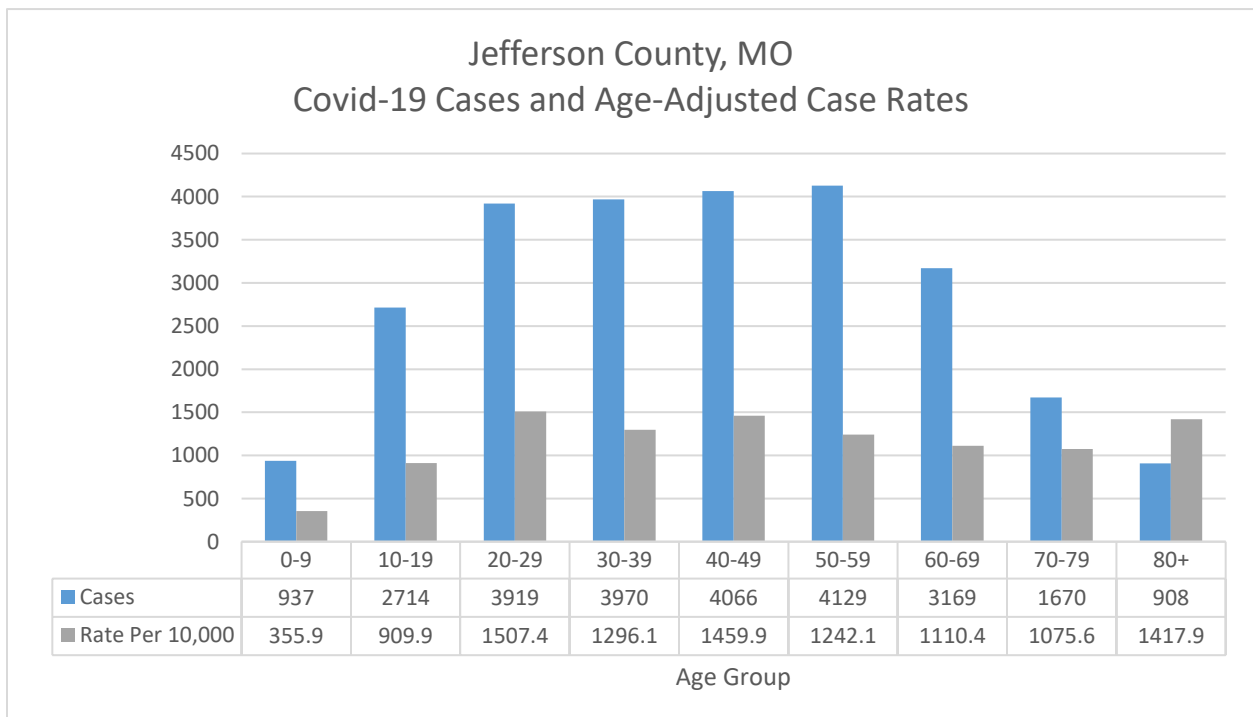


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

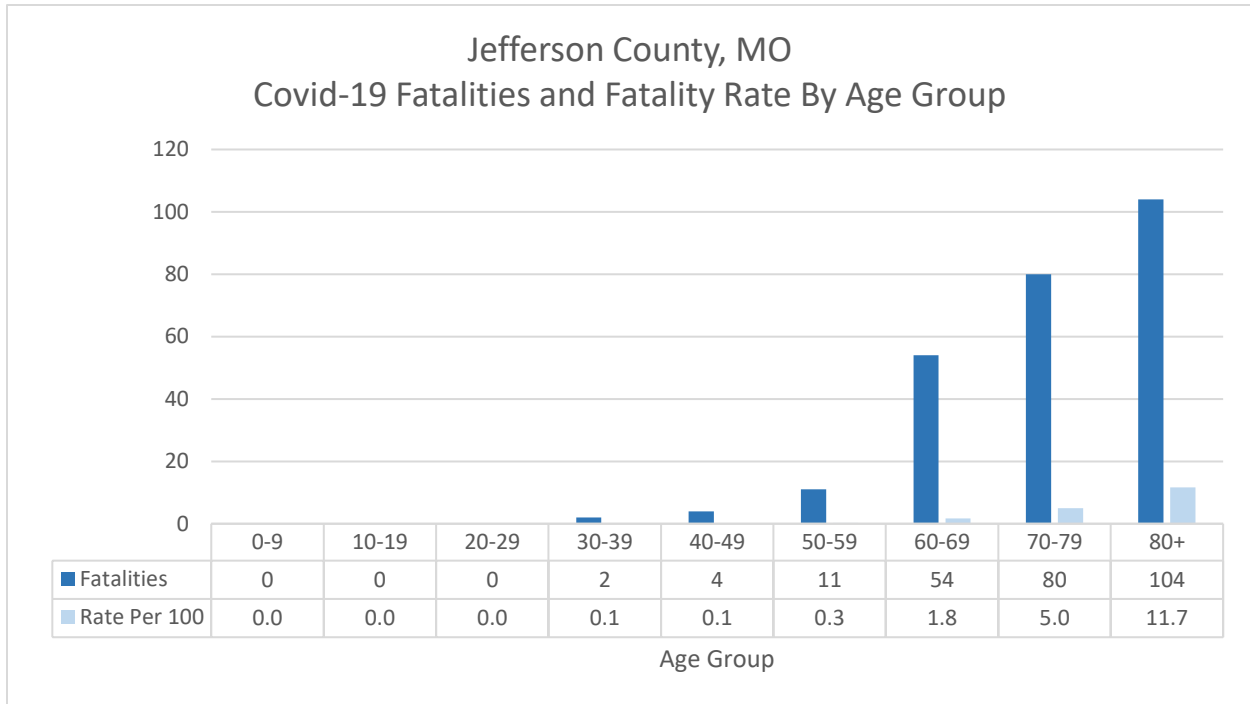


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.00%
Missouri	1.42%
US	1.75%

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

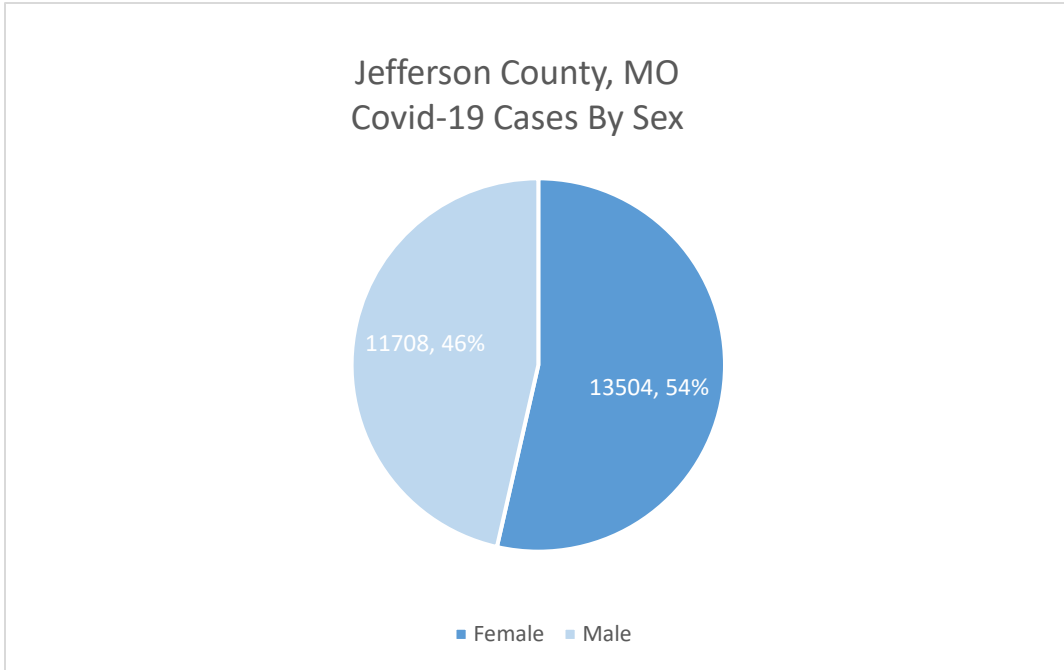


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

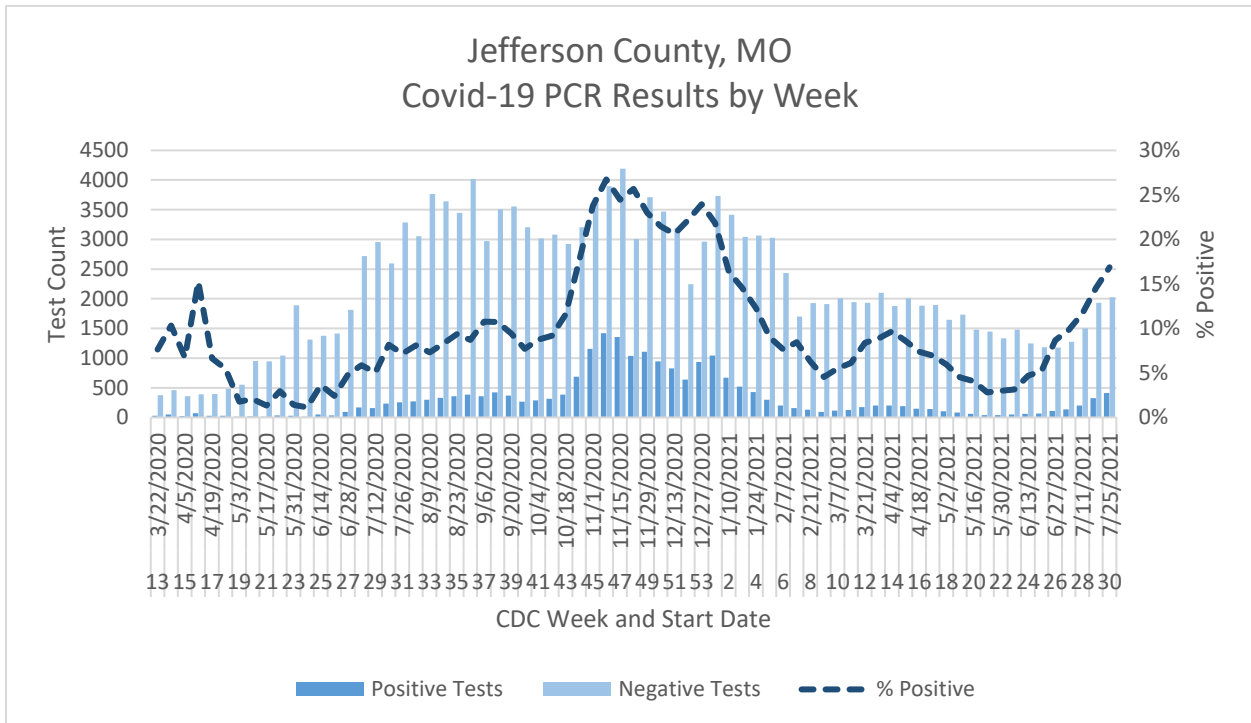


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

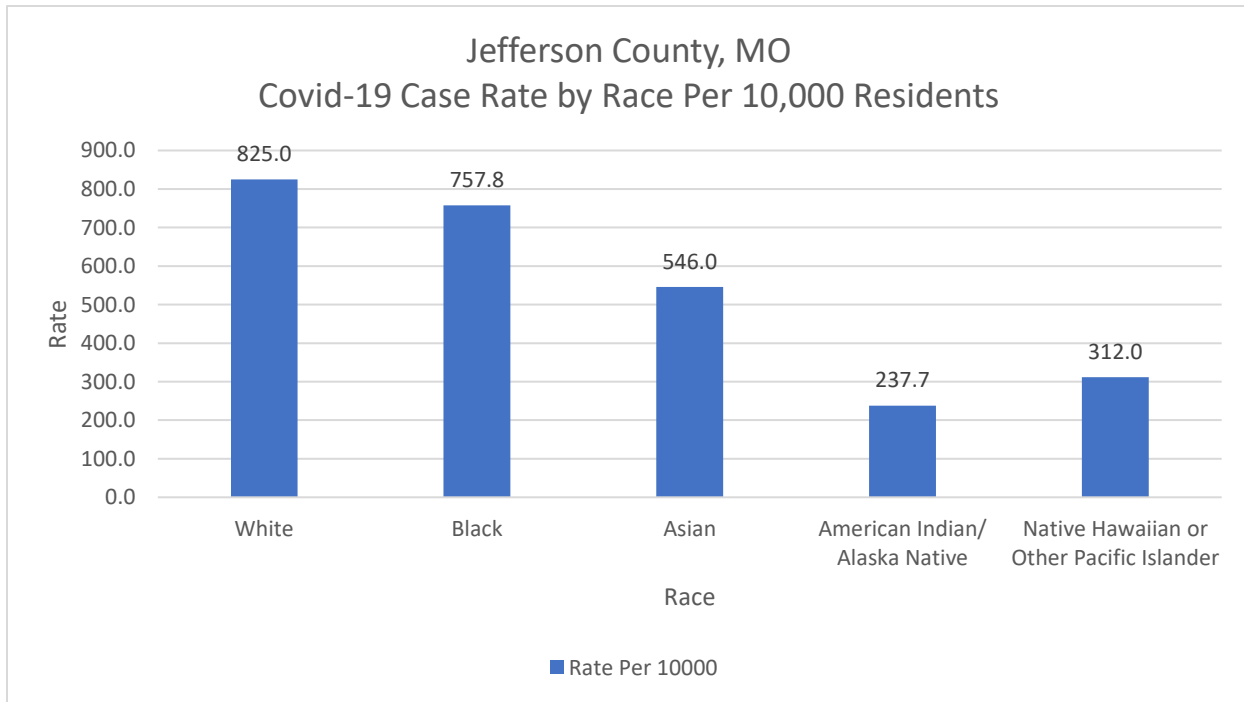
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
41	10/4/2020	289	3016	3305	8.7%
42	10/11/2020	312	3082	3394	9.2%
43	10/18/2020	384	2926	3310	11.6%
44	10/25/2020	684	3205	3889	17.6%
45	11/1/2020	1153	3700	4853	23.8%
46	11/8/2020	1422	3896	5318	26.7%
47	11/15/2020	1357	4194	5551	24.4%
48	11/22/2020	1038	3005	4043	25.7%
49	11/29/2020	1106	3710	4816	23.0%
50	12/6/2020	947	3467	4414	21.5%
51	12/13/2020	826	3185	4011	20.6%
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	3042	3559	14.5%
4	1/24/2021	428	3062	3490	12.3%
5	1/31/2021	301	3025	3326	9.0%
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	177	1931	2108	8.4%
13	3/28/2021	204	2097	2301	8.9%
14	4/4/2021	201	1878	2079	9.7%
15	4/11/2021	189	2008	2197	8.6%
16	4/18/2021	150	1885	2035	7.4%
17	4/25/2021	142	1897	2039	7.0%
18	5/2/2021	104	1646	1750	5.9%
19	5/9/2021	82	1733	1815	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	1332	1373	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	1180	1245	5.2%
26	6/27/2021	112	1179	1291	8.7%
27	7/4/2021	139	1274	1413	9.8%
28	7/11/2021	199	1503	1702	11.7%
29	7/18/2021	328	1931	2259	14.5%
30	7/25/2021	411	2025	2436	16.9%

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

Race	Cases	Rate Per 10000
White	17786	825.0
Black	204	757.8
Asian	98	546.0
American Indian/ Alaska Native	16	237.7
Native Hawaiian or Other Pacific Islander	7	312.0
Unknown	3273	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

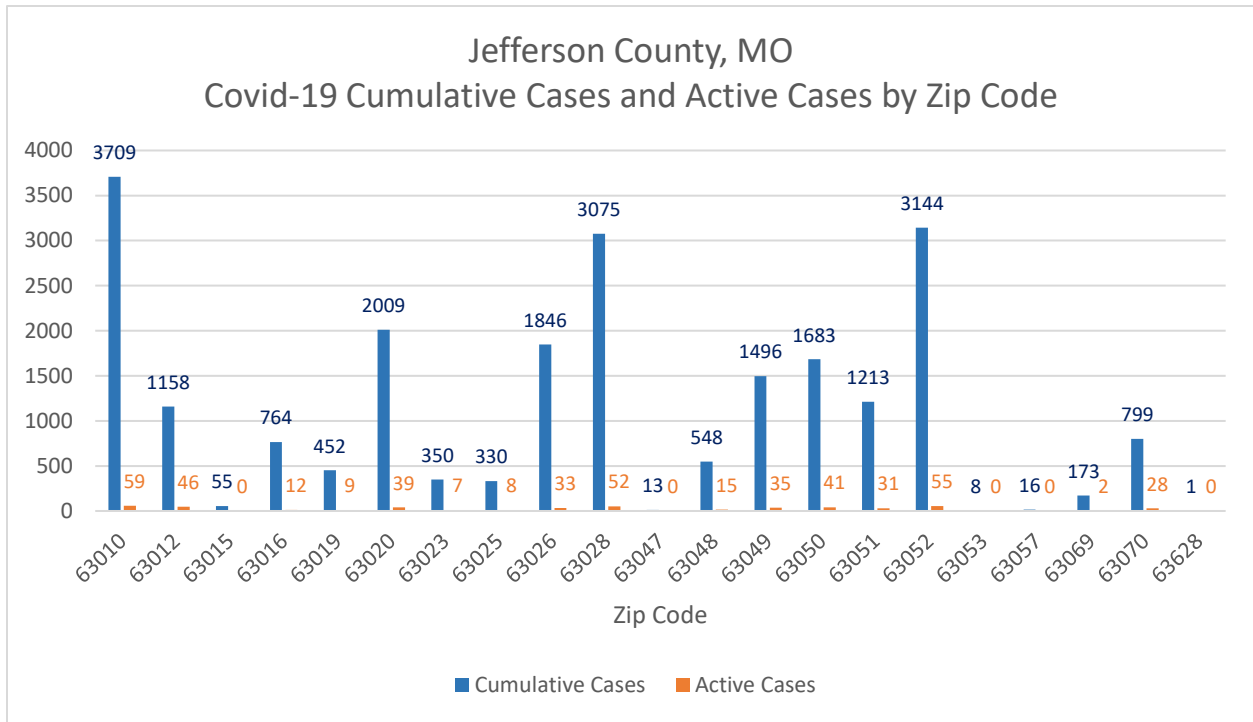
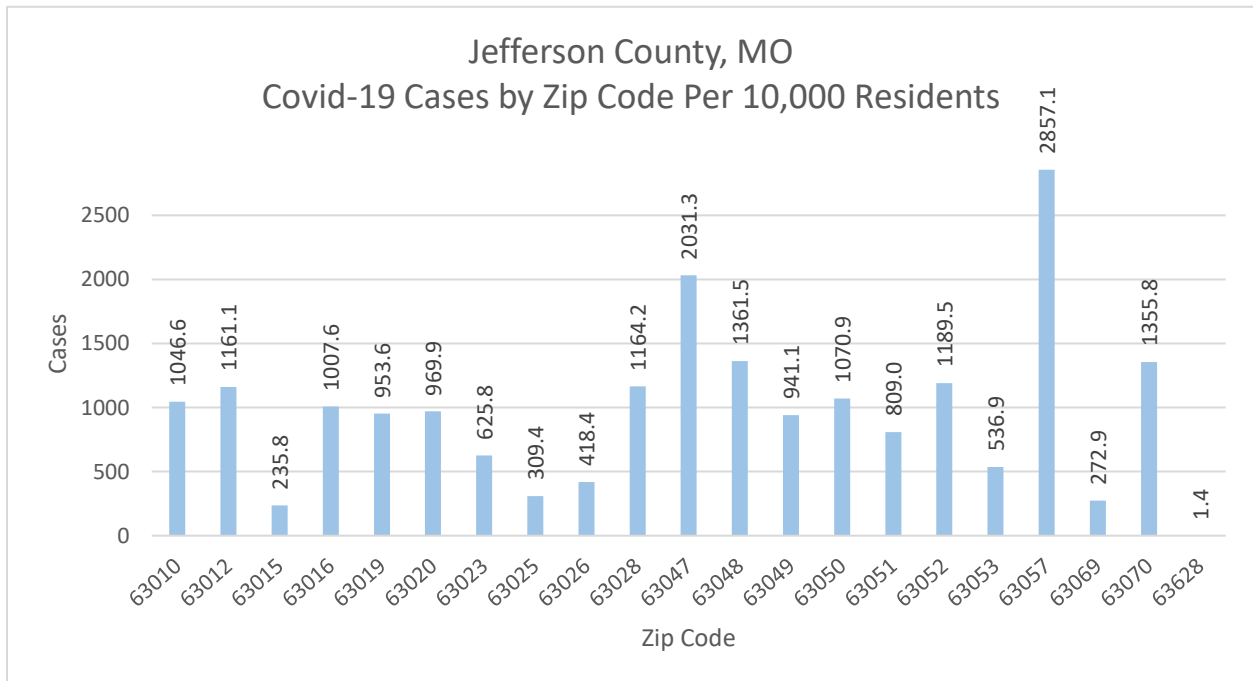


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 30: July 25- July 31

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

SUMMARY:

- During Week 30 a total of 88 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3591 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
45	11/1/2020	164	870
46	11/8/2020	219	1089
47	11/15/2020	192	1281
48	11/22/2020	133	1414
49	11/29/2020	157	1571
50	12/6/2020	175	1746
51	12/13/2020	127	1873
52	12/20/2020	88	1961
53	12/27/2020	141	2102
1	1/3/2021	197	2299
2	1/10/2021	129	2428
3	1/17/2021	75	2503
4	1/24/2021	85	2588
5	1/31/2021	92	2680
6	2/7/2021	28	2708
7	2/14/2021	33	2741
8	2/21/2021	30	2771
9	2/28/2021	33	2804
10	3/7/2021	36	2840
11	3/14/2021	31	2871
12	3/21/2021	46	2917
13	3/28/2021	62	2979
14	4/4/2021	58	3037
15	4/11/2021	48	3085
16	4/18/2021	43	3128
17	4/25/2021	49	3177
18	5/2/2021	35	3212
19	5/9/2021	22	3234
20	5/16/2021	12	3246
21	5/23/2021	6	3252
22	5/30/2021	4	3256
23	6/6/2021	8	3264
24	6/13/2021	13	3277
25	6/20/2021	25	3302
26	6/27/2021	25	3327
27	7/4/2021	34	3361
28	7/11/2021	66	3427
29	7/18/2021	76	3503
30	7/25/2021	88	3591

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

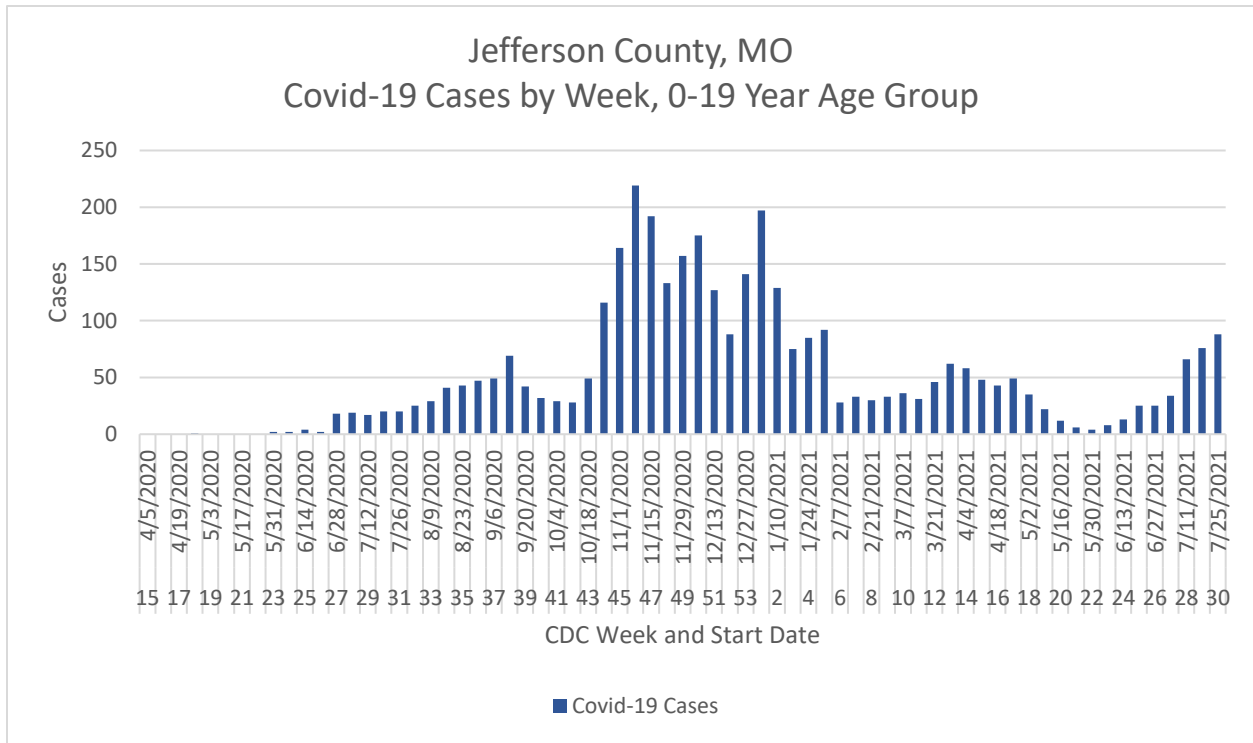


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	937	3.68%
10-19	2,714	10.65%
20+	21,831	85.67%

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

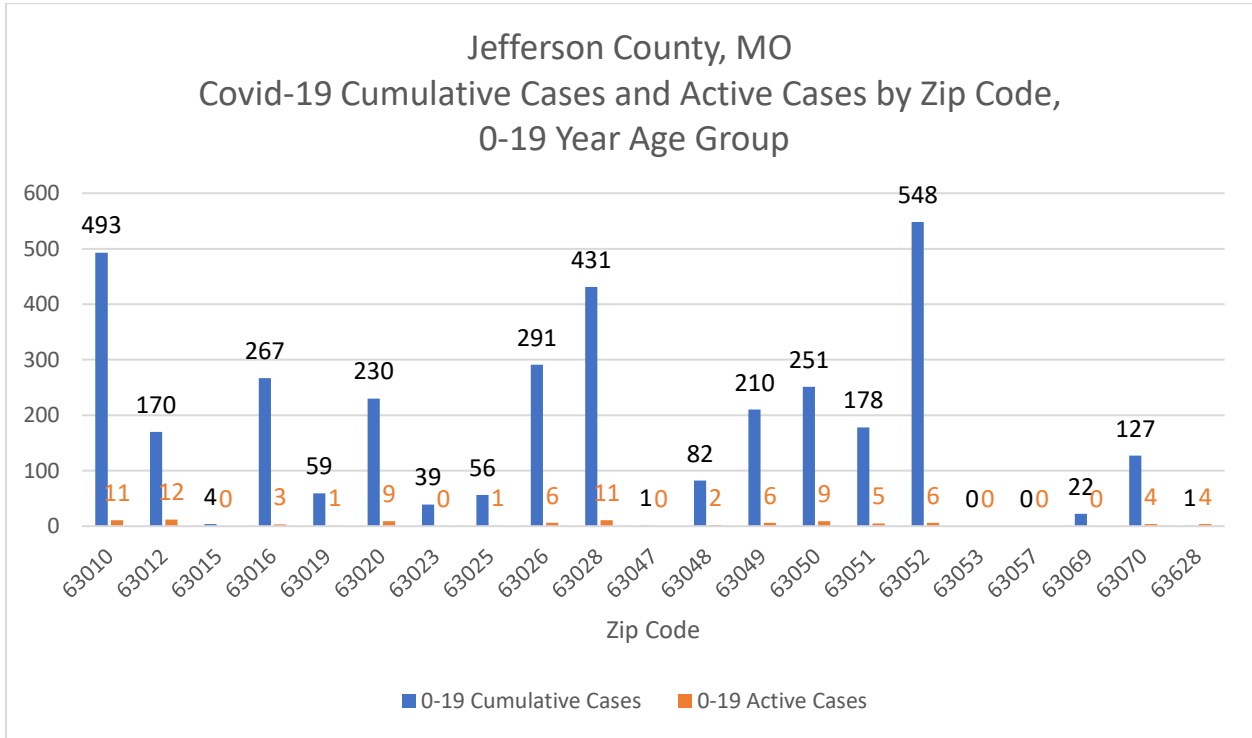


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

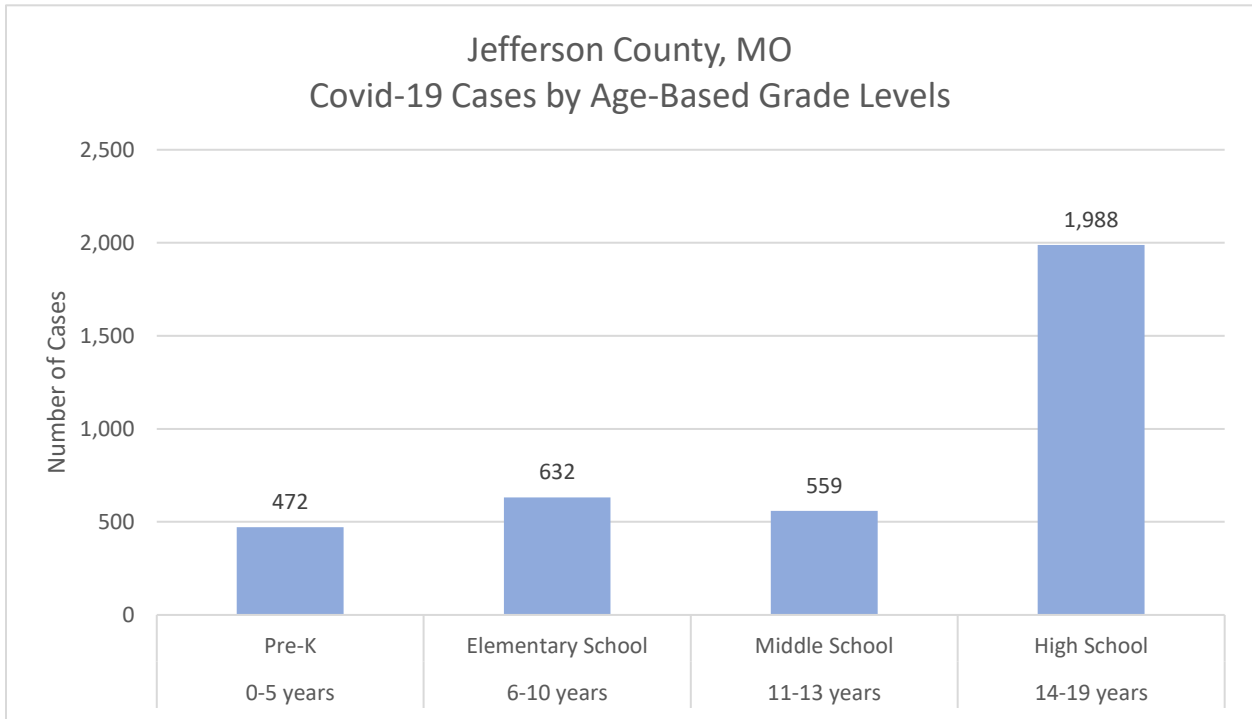


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

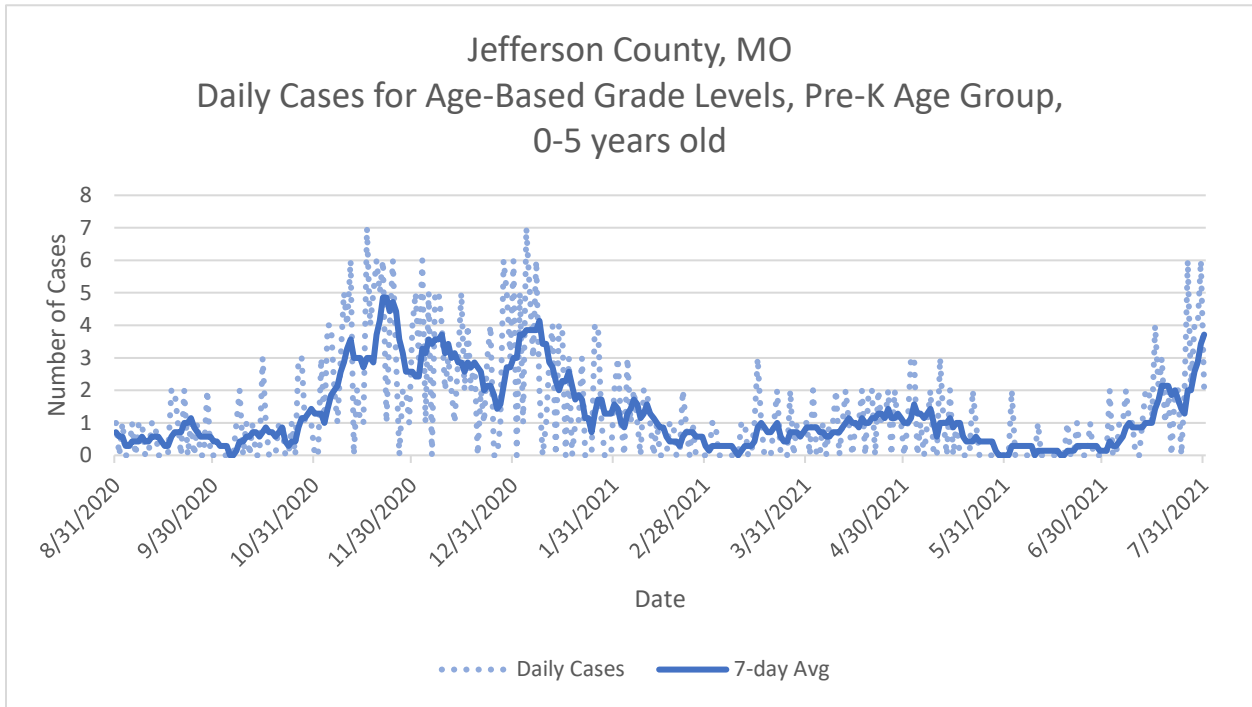


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

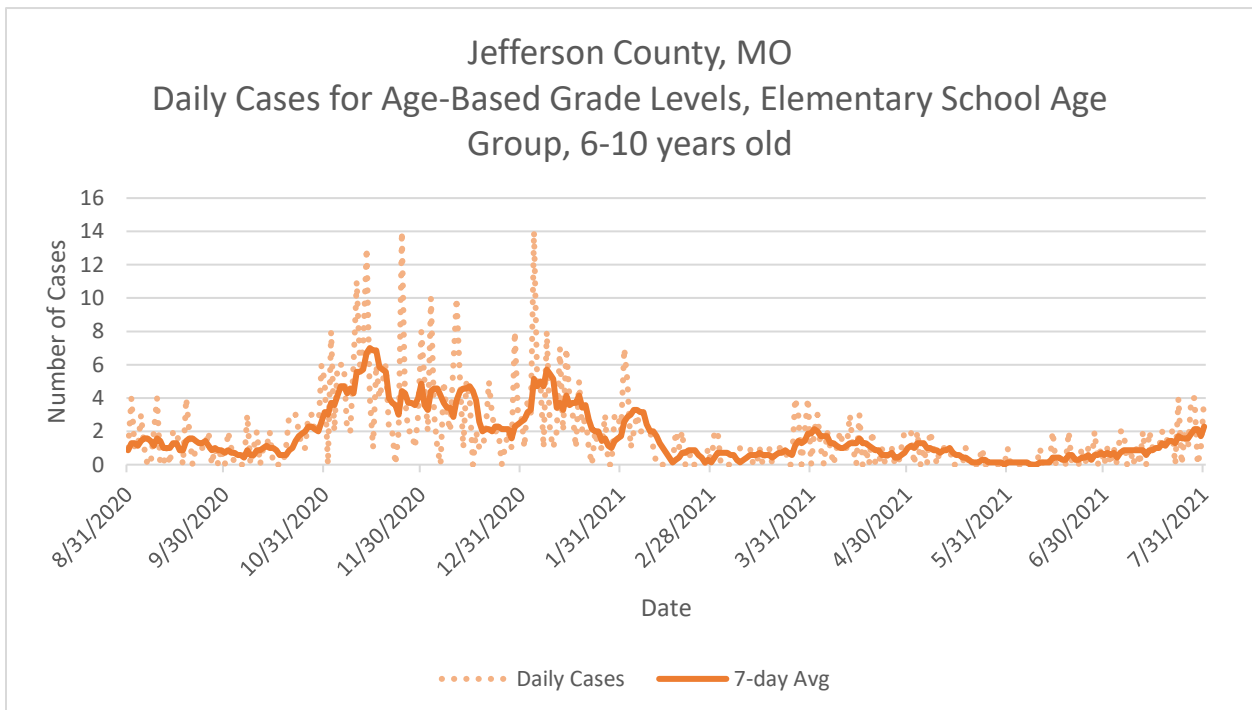


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

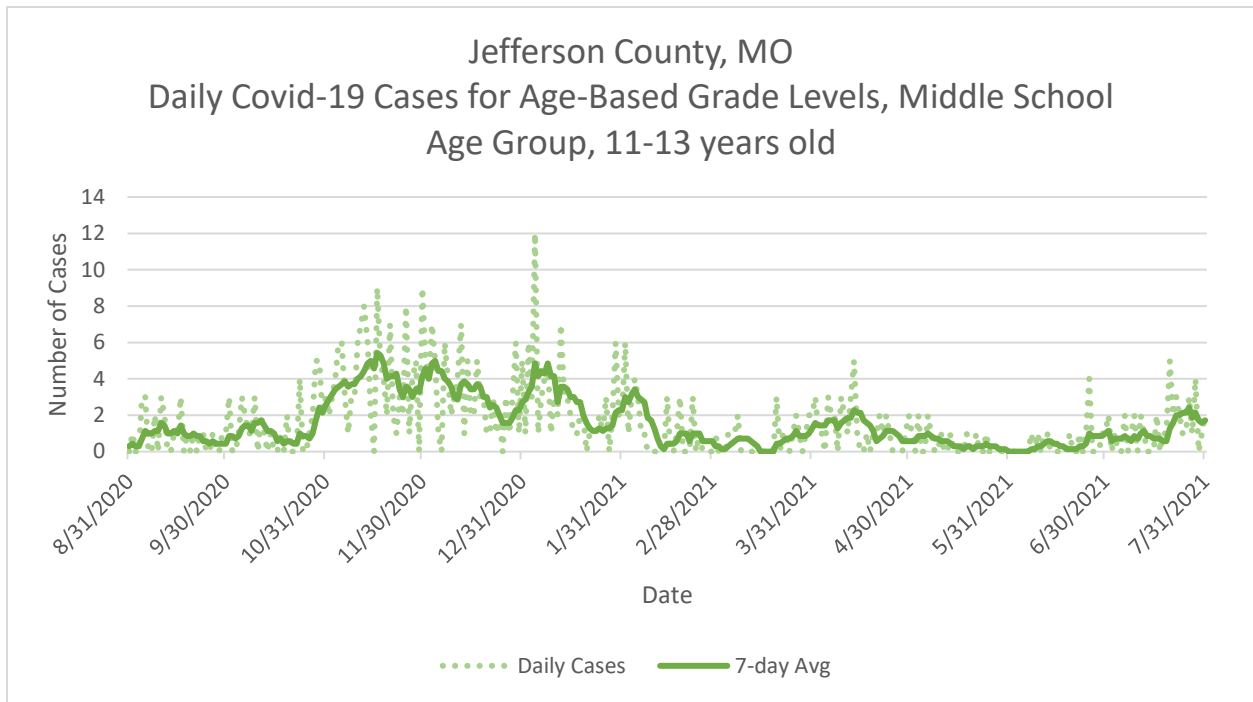


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

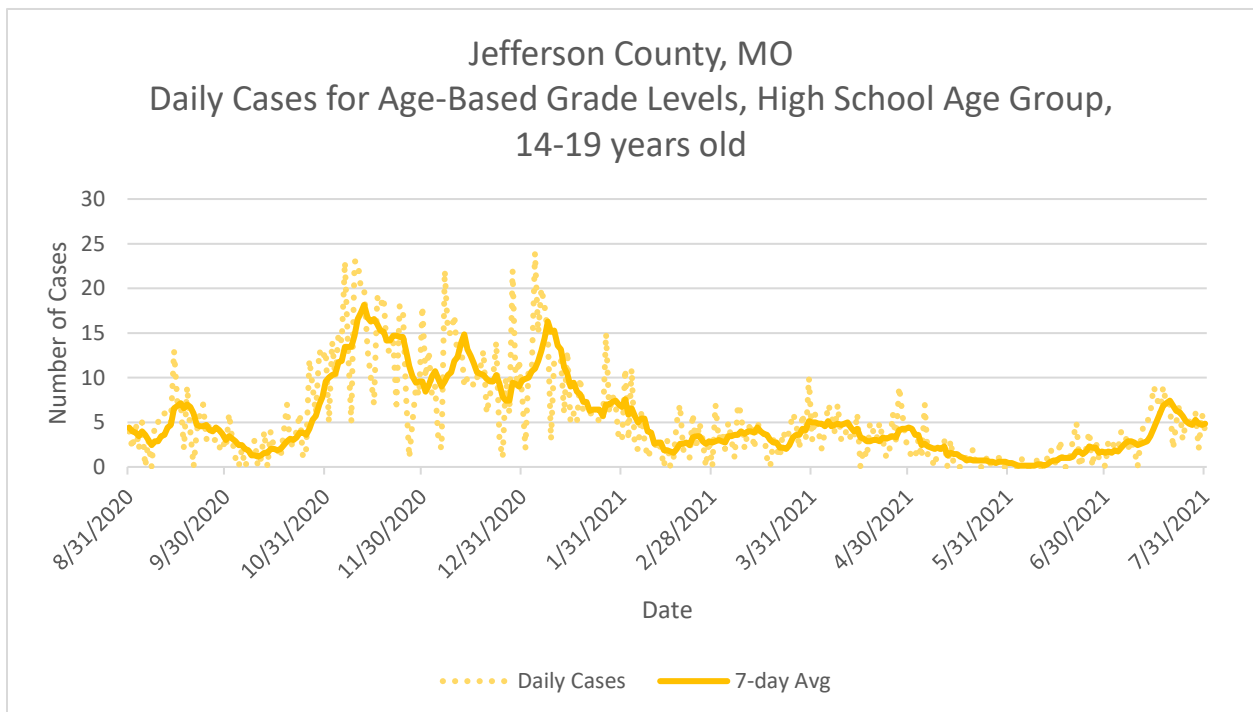


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

