



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 31: August 1- August 7

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

SUMMARY:

- During Week 31 a total of 554 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 25913 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 31.
- Two hundred sixty Covid-19 associated deaths have been reported in Jefferson County as of Week 31.
- 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
44	10/25/2020	722	6190
45	11/1/2020	1203	7393
46	11/8/2020	1539	8932
47	11/15/2020	1483	10415
48	11/22/2020	1139	11554
49	11/29/2020	1247	12801
50	12/6/2020	1096	13897
51	12/13/2020	942	14839
52	12/20/2020	717	15556
53	12/27/2020	1065	16621
1	1/3/2021	1227	17848
2	1/10/2021	888	18736
3	1/17/2021	635	19371
4	1/24/2021	523	19894
5	1/31/2021	377	20271
6	2/7/2021	257	20528
7	2/14/2021	213	20741
8	2/21/2021	190	20931
9	2/28/2021	171	21102
10	3/7/2021	176	21278
11	3/14/2021	210	21488
12	3/21/2021	283	21771
13	3/28/2021	315	22086
14	4/4/2021	327	22413
15	4/11/2021	270	22683
16	4/18/2021	204	22887
17	4/25/2021	184	23071
18	5/2/2021	143	23214
19	5/9/2021	115	23329
20	5/16/2021	76	23405
21	5/23/2021	63	23468
22	5/30/2021	60	23528
23	6/6/2021	59	23587
24	6/13/2021	74	23661
25	6/20/2021	88	23749
26	6/27/2021	145	23894
27	7/4/2021	182	24076
28	7/11/2021	298	24374
29	7/18/2021	409	24783
30	7/25/2021	576	25359
31	8/1/2021	554	25913

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

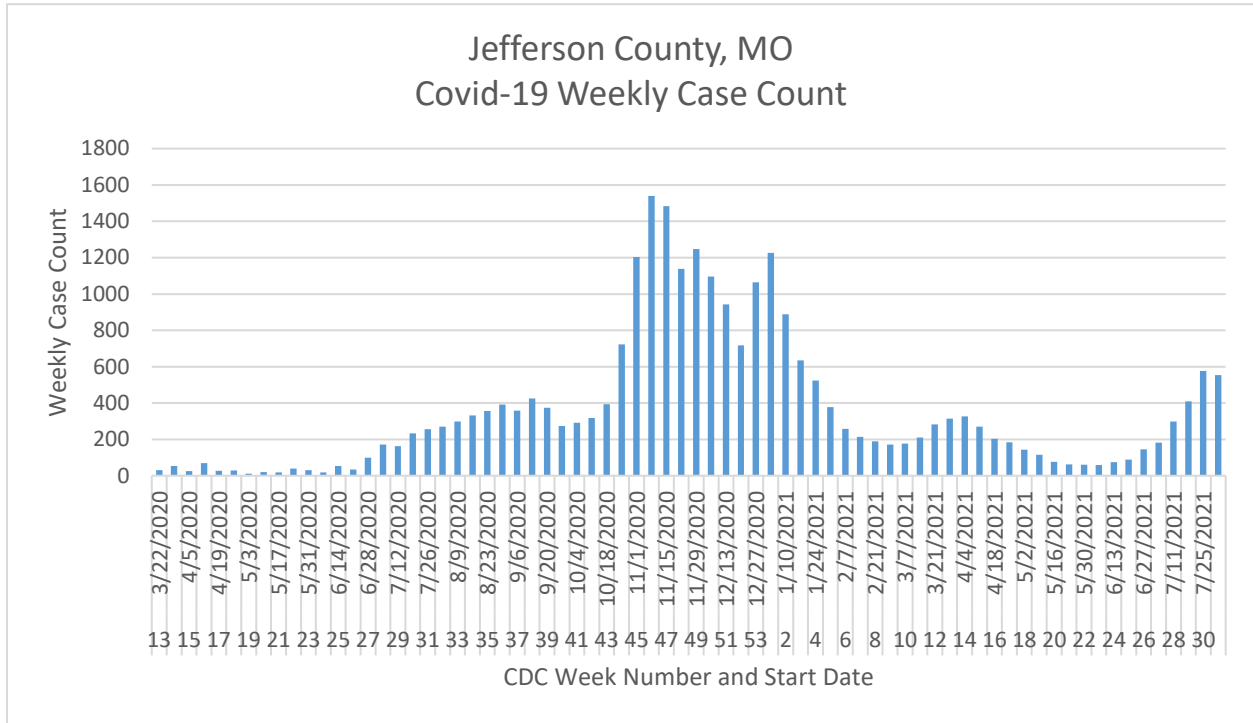


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

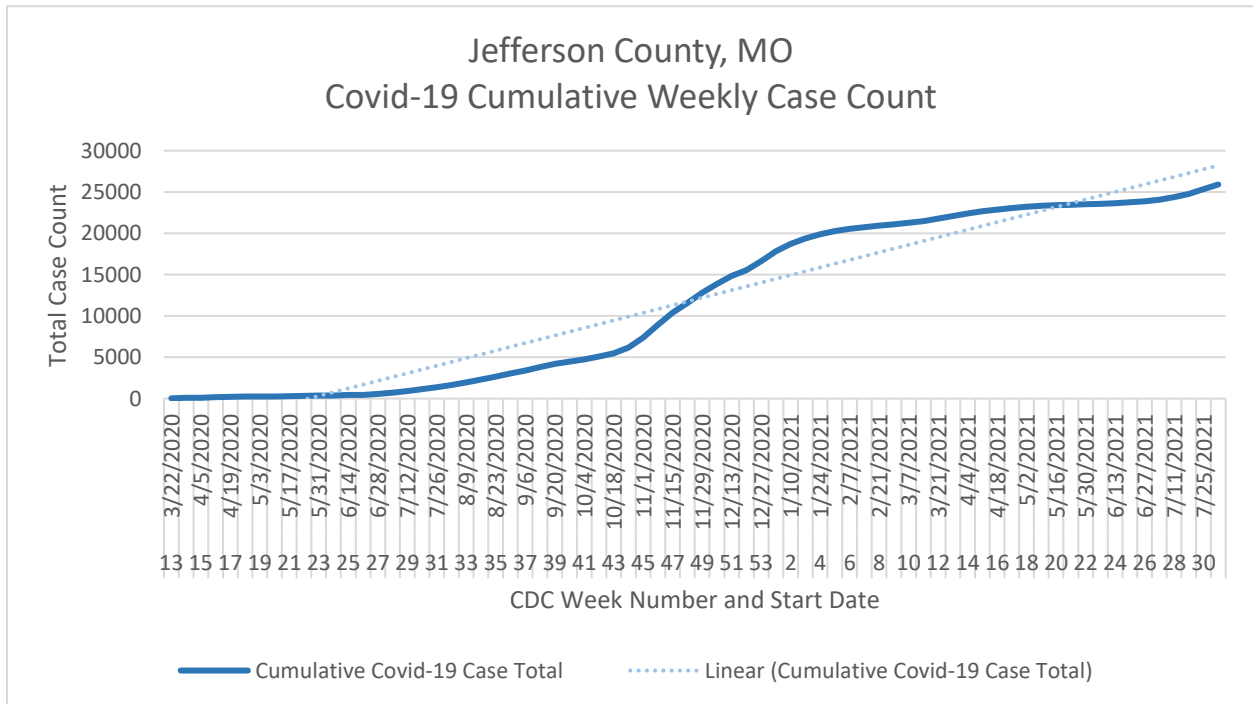


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

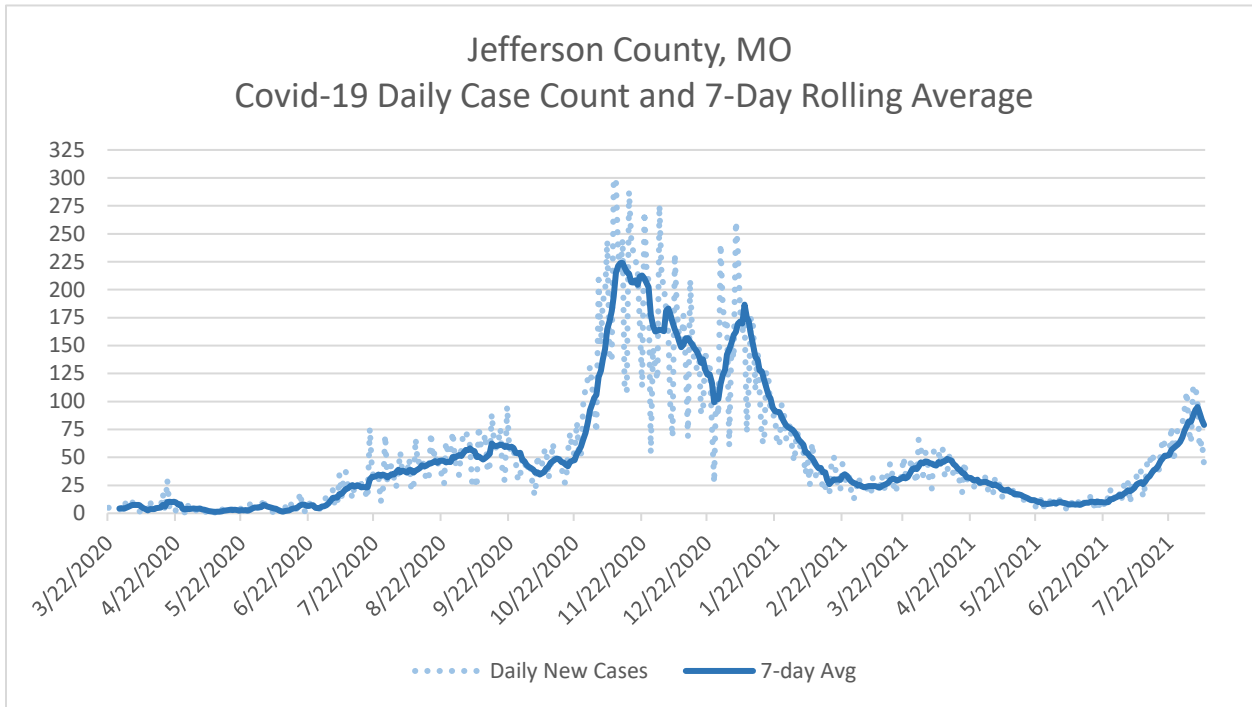


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

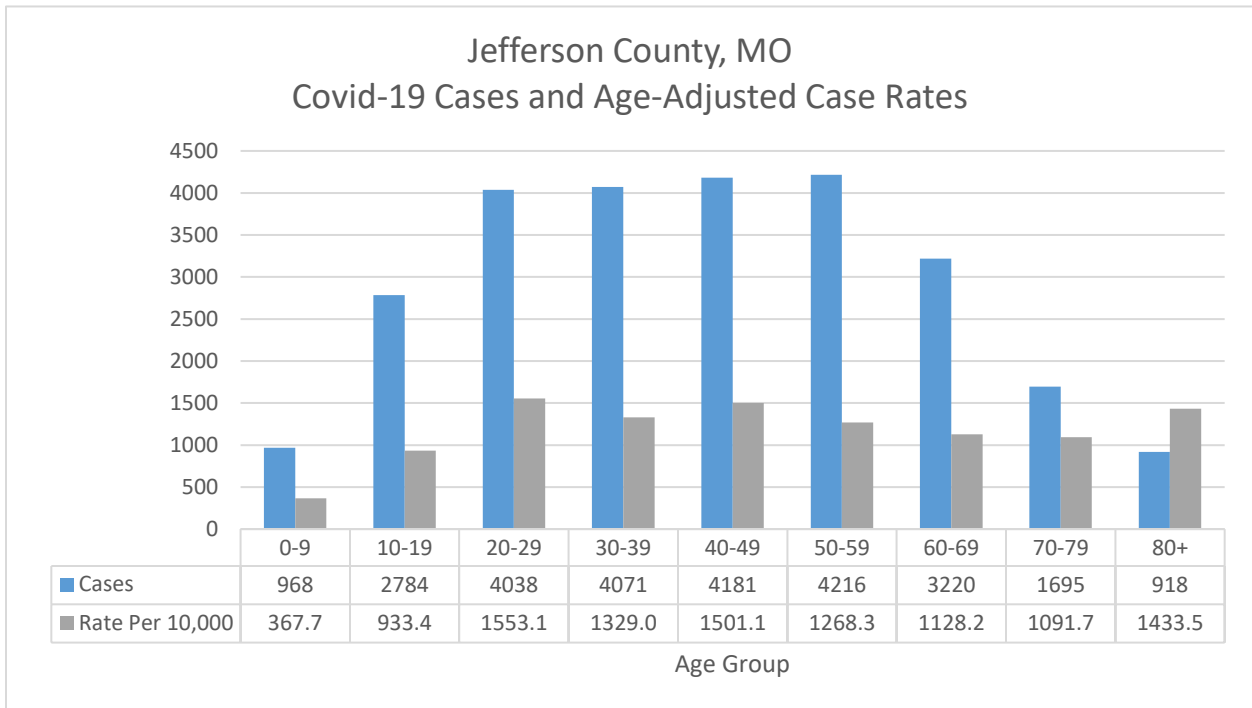


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

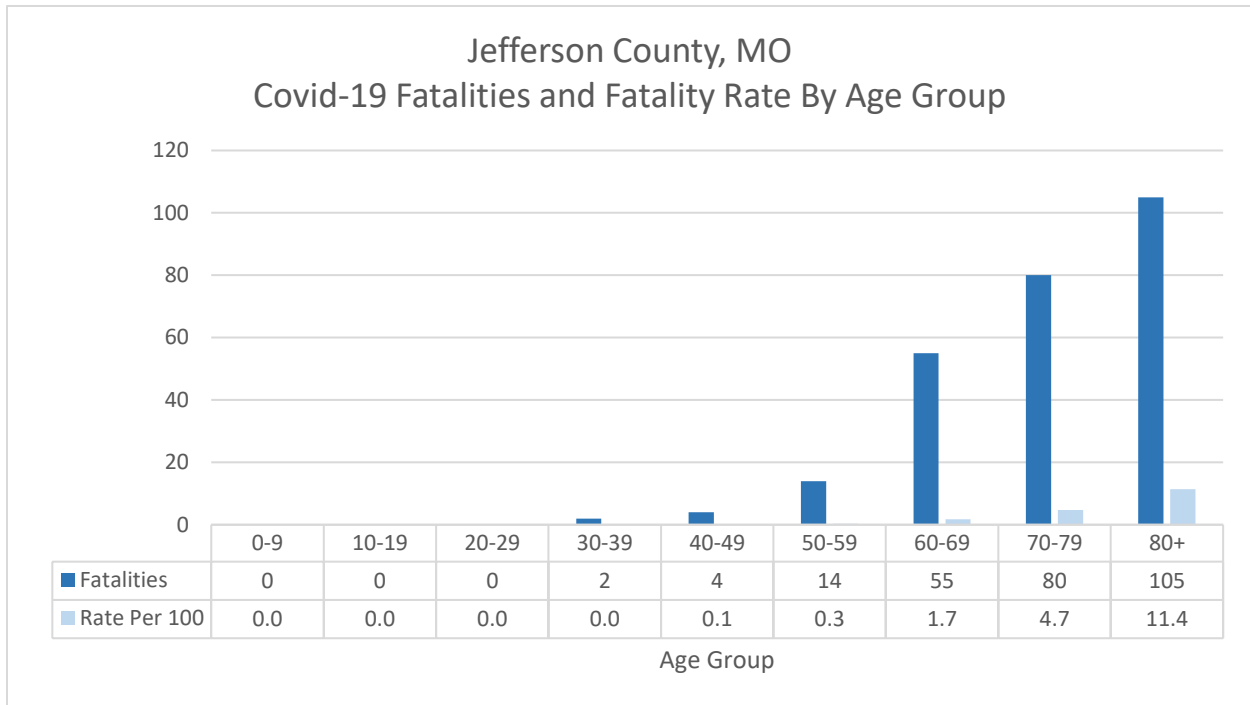


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.00%
Missouri	1.41%
US	1.71%

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

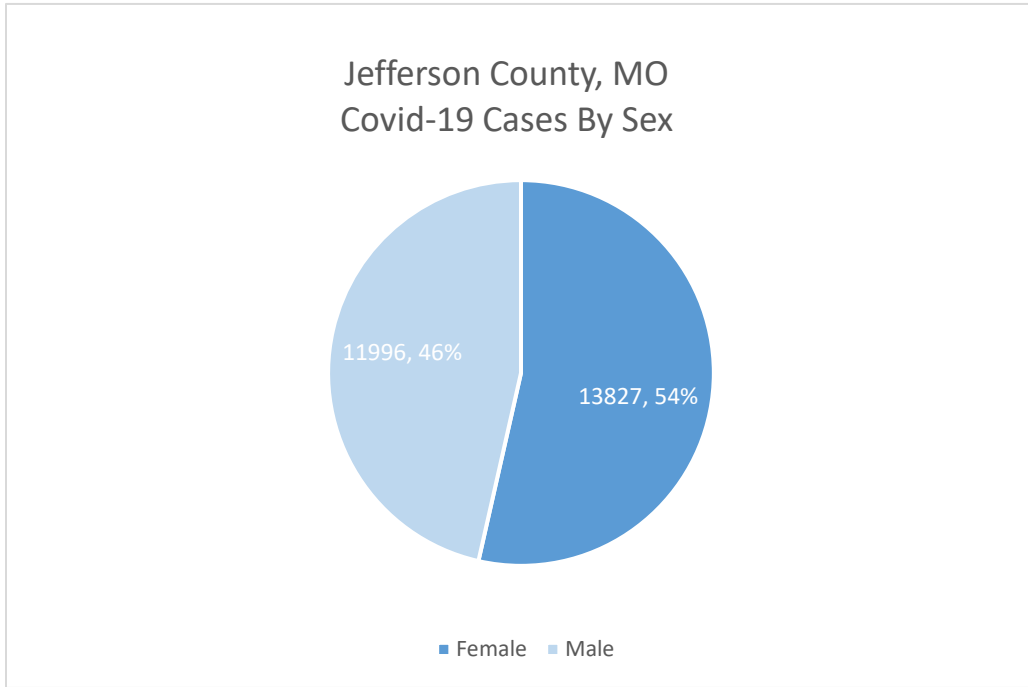


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

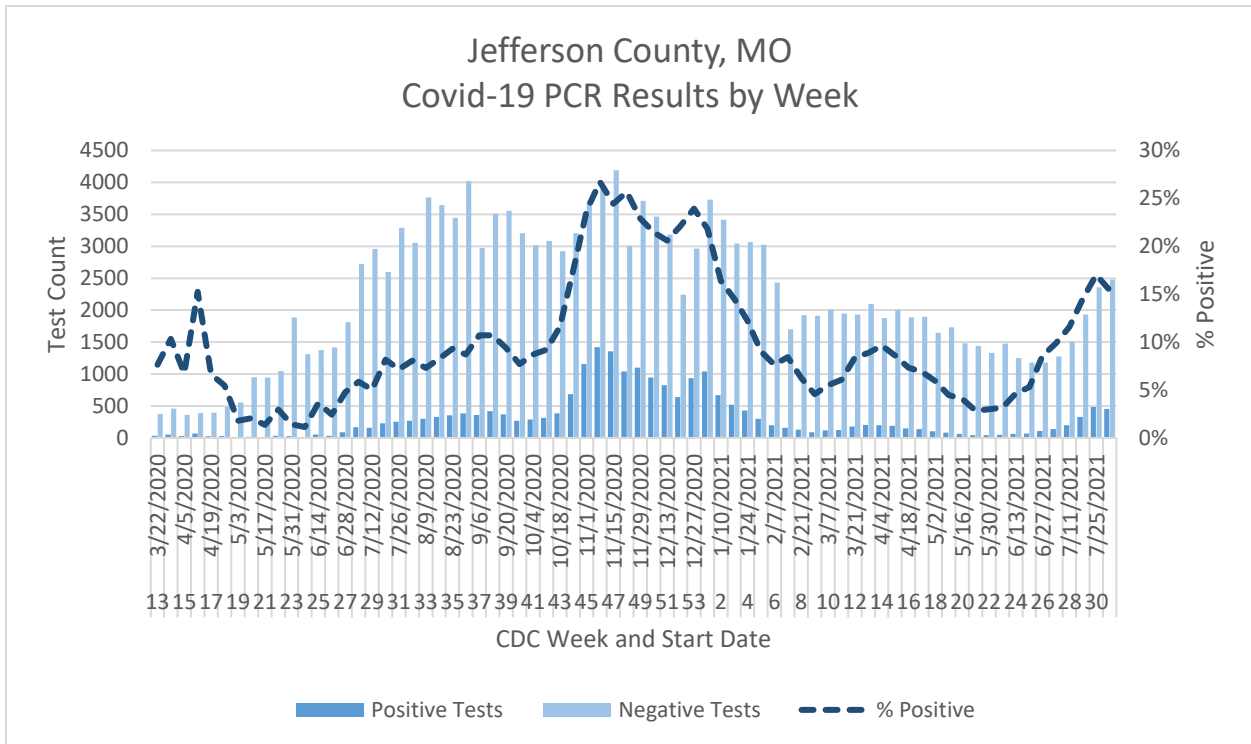


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

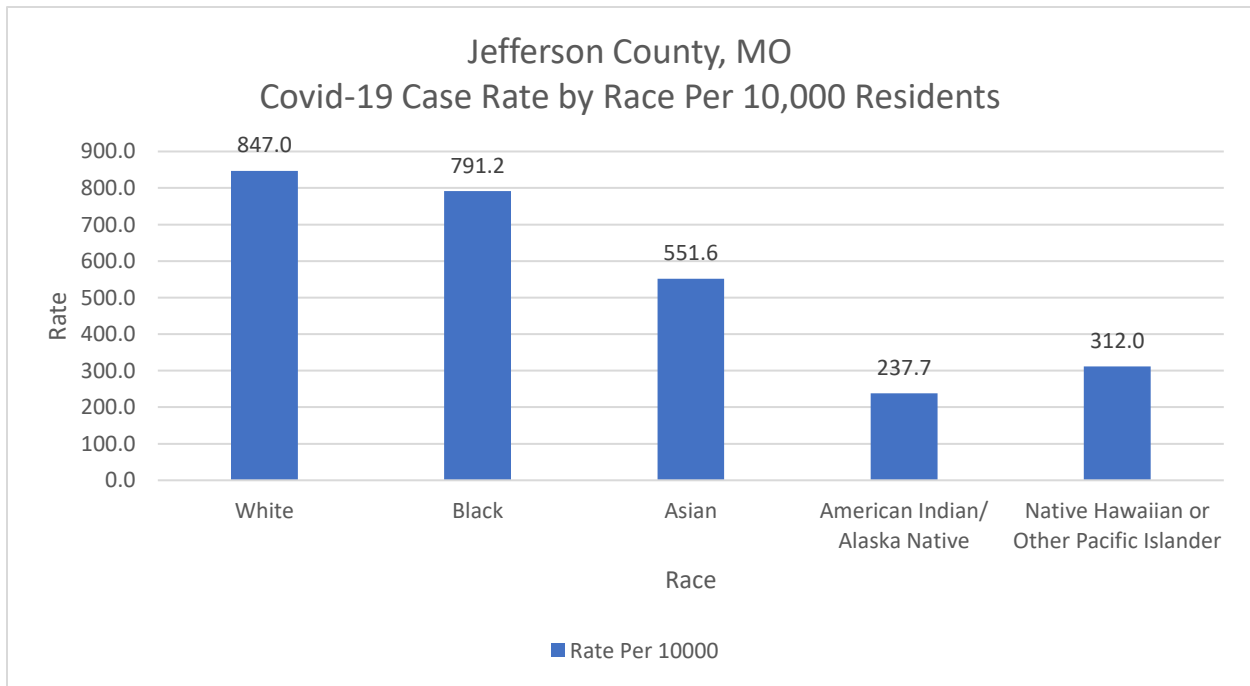
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
42	10/11/2020	312	3082	3394	9.2%
43	10/18/2020	384	2926	3310	11.6%
44	10/25/2020	683	3206	3889	17.6%
45	11/1/2020	1154	3701	4855	23.8%
46	11/8/2020	1421	3897	5318	26.7%
47	11/15/2020	1357	4193	5550	24.5%
48	11/22/2020	1038	3005	4043	25.7%
49	11/29/2020	1102	3710	4812	22.9%
50	12/6/2020	947	3467	4414	21.5%
51	12/13/2020	826	3185	4011	20.6%
52	12/20/2020	638	2245	2883	22.1%
53	12/27/2020	933	2964	3897	23.9%
1	1/3/2021	1041	3731	4772	21.8%
2	1/10/2021	669	3415	4084	16.4%
3	1/17/2021	517	3043	3560	14.5%
4	1/24/2021	428	3063	3491	12.3%
5	1/31/2021	301	3025	3326	9.0%
6	2/7/2021	201	2434	2635	7.6%
7	2/14/2021	157	1700	1857	8.5%
8	2/21/2021	129	1924	2053	6.3%
9	2/28/2021	91	1910	2001	4.5%
10	3/7/2021	117	2006	2123	5.5%
11	3/14/2021	126	1946	2072	6.1%
12	3/21/2021	177	1932	2109	8.4%
13	3/28/2021	204	2097	2301	8.9%
14	4/4/2021	200	1877	2077	9.6%
15	4/11/2021	189	2008	2197	8.6%
16	4/18/2021	149	1885	2034	7.3%
17	4/25/2021	141	1899	2040	6.9%
18	5/2/2021	104	1647	1751	5.9%
19	5/9/2021	81	1733	1814	4.5%
20	5/16/2021	63	1480	1543	4.1%
21	5/23/2021	42	1443	1485	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	1251	1312	4.6%
25	6/20/2021	66	1181	1247	5.3%
26	6/27/2021	111	1182	1293	8.6%
27	7/4/2021	140	1276	1416	9.9%
28	7/11/2021	197	1504	1701	11.6%
29	7/18/2021	328	1933	2261	14.5%
30	7/25/2021	483	2356	2839	17.0%
31	8/1/2021	452	2478	2930	15.4%

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

Race	Cases	Rate Per 10000
White	18261	847.0
Black	213	791.2
Asian	99	551.6
American Indian/ Alaska Native	16	237.7
Native Hawaiian or Other Pacific Islander	7	312.0
Unknown	3350	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

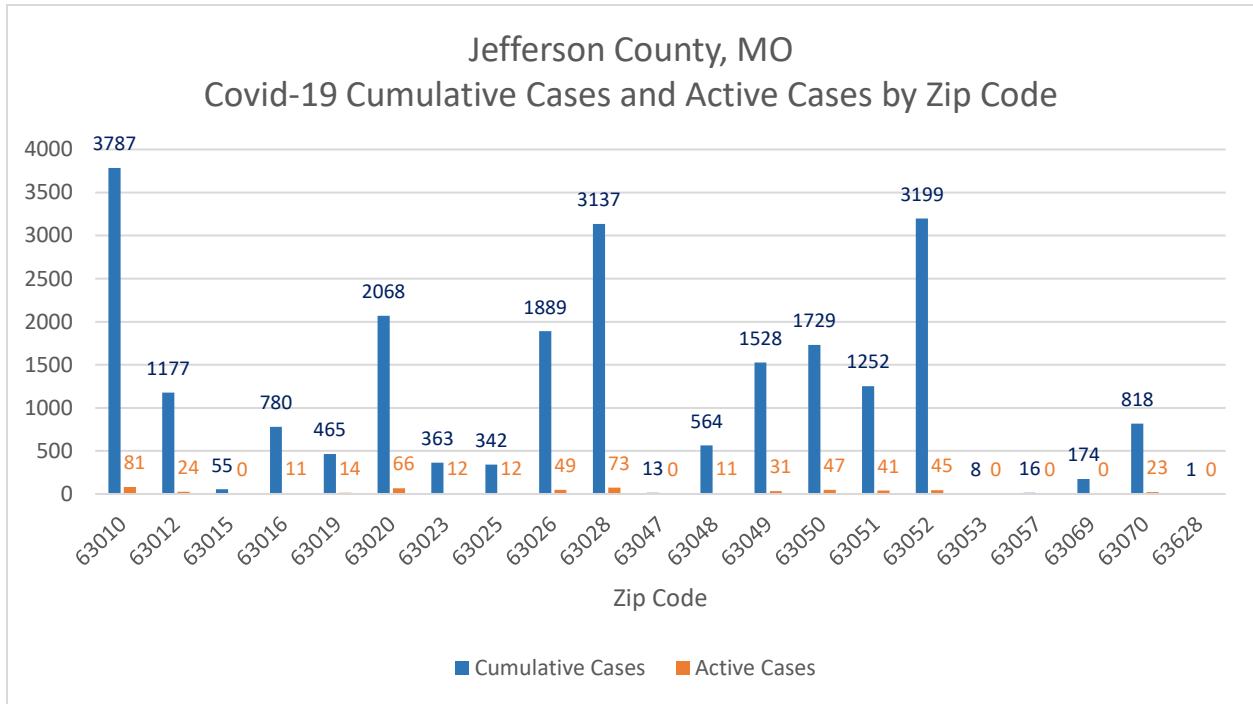
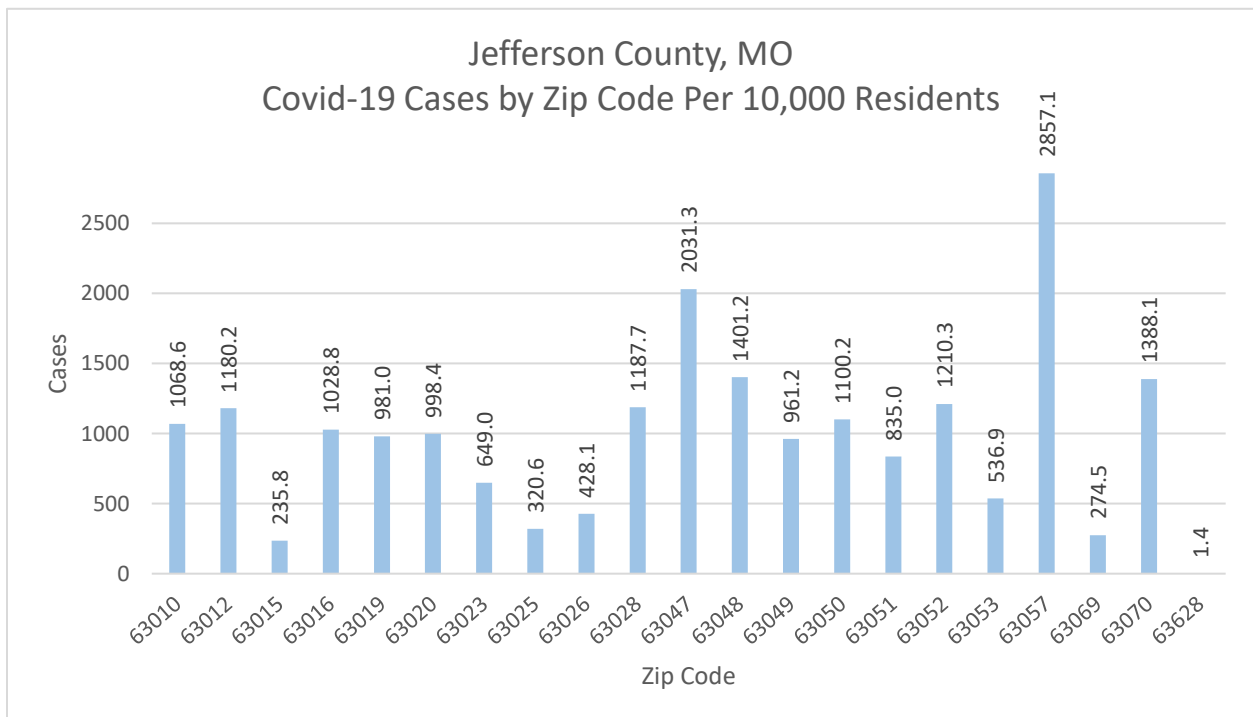


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 31: August 1- August 7

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

SUMMARY:

- During Week 31 a total of 93 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3692 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
46	11/8/2020	219	1085
47	11/15/2020	191	1276
48	11/22/2020	133	1409
49	11/29/2020	157	1566
50	12/6/2020	172	1738
51	12/13/2020	127	1865
52	12/20/2020	88	1953
53	12/27/2020	140	2093
1	1/3/2021	196	2289
2	1/10/2021	129	2418
3	1/17/2021	75	2493
4	1/24/2021	85	2578
5	1/31/2021	92	2670
6	2/7/2021	28	2698
7	2/14/2021	33	2731
8	2/21/2021	30	2761
9	2/28/2021	33	2794
10	3/7/2021	36	2830
11	3/14/2021	31	2861
12	3/21/2021	46	2907
13	3/28/2021	62	2969
14	4/4/2021	58	3027
15	4/11/2021	48	3075
16	4/18/2021	43	3118
17	4/25/2021	49	3167
18	5/2/2021	35	3202
19	5/9/2021	22	3224
20	5/16/2021	12	3236
21	5/23/2021	6	3242
22	5/30/2021	4	3246
23	6/6/2021	8	3254
24	6/13/2021	13	3267
25	6/20/2021	26	3293
26	6/27/2021	25	3318
27	7/4/2021	34	3352
28	7/11/2021	66	3418
29	7/18/2021	76	3494
30	7/25/2021	105	3599
31	8/1/2021	93	3692

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

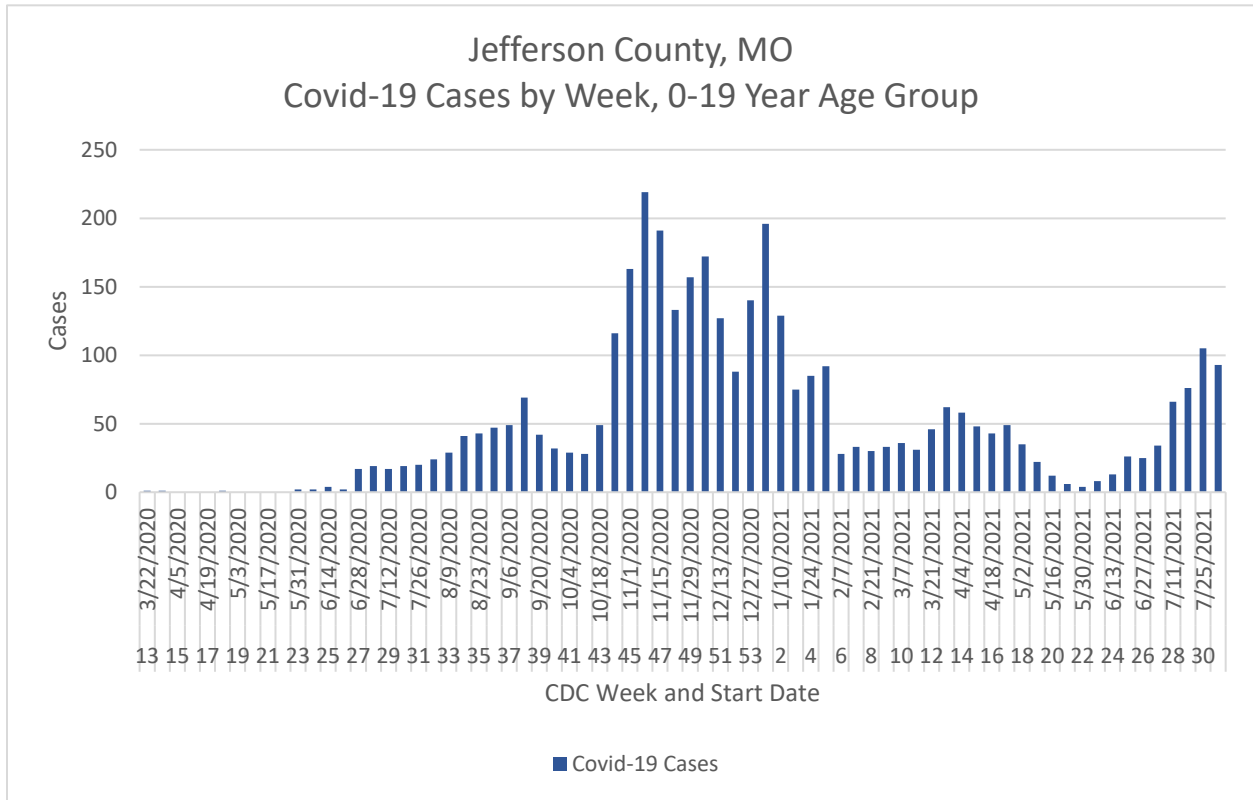


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	968	3.71%
10-19	2,784	10.67%
20+	22,339	85.62%

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

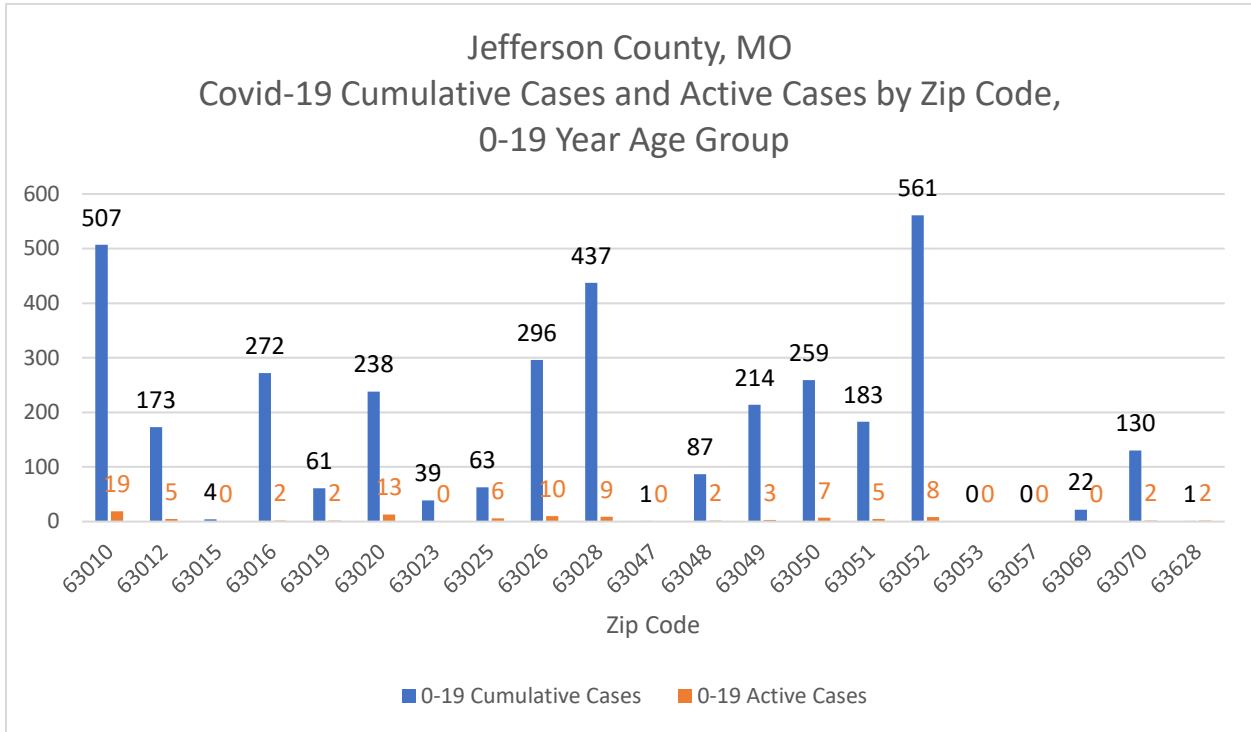


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

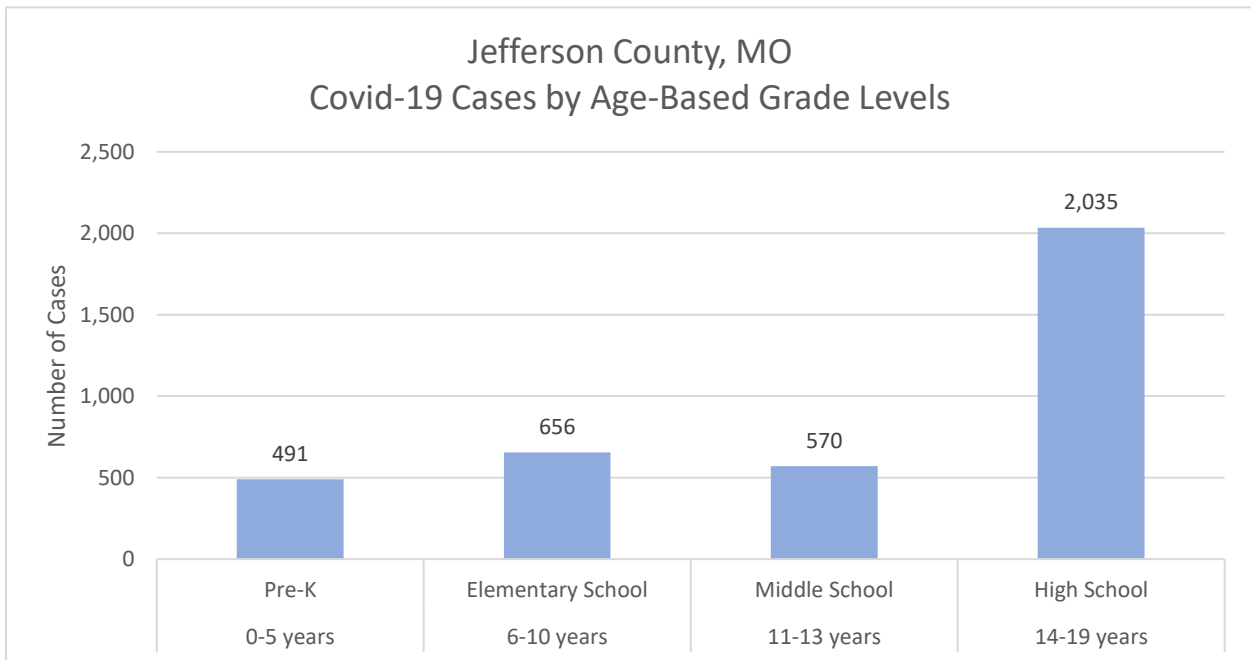


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

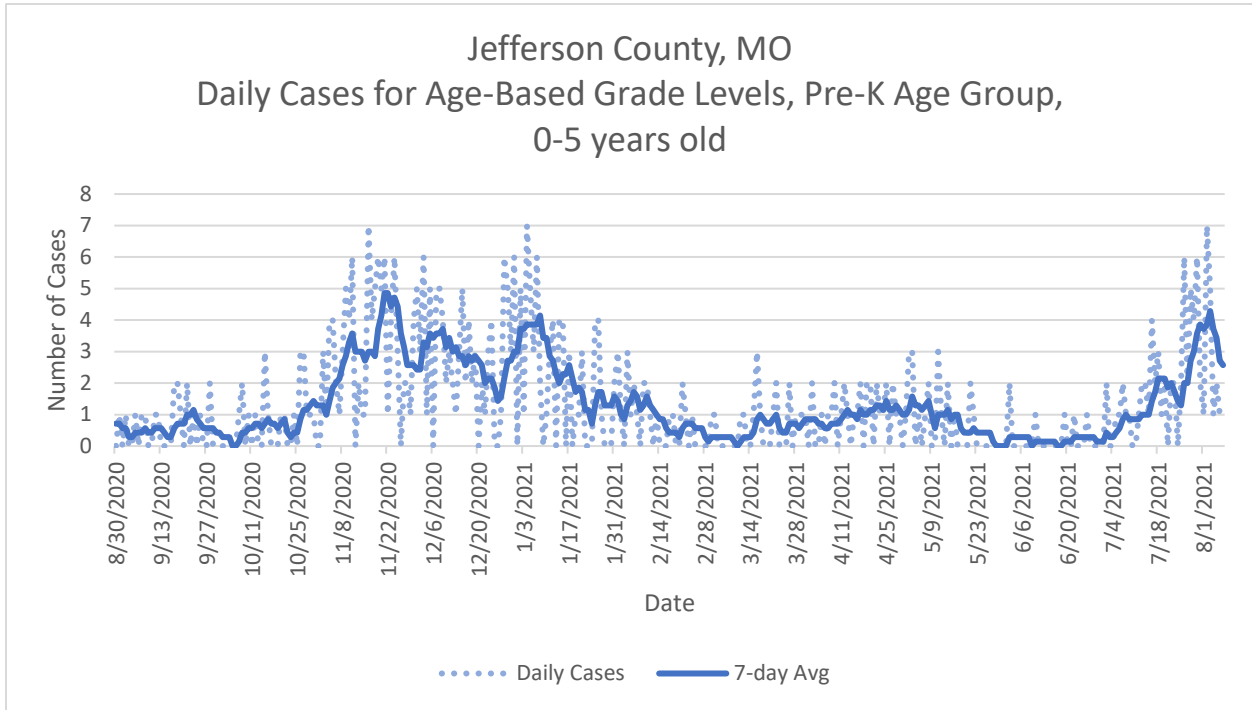


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

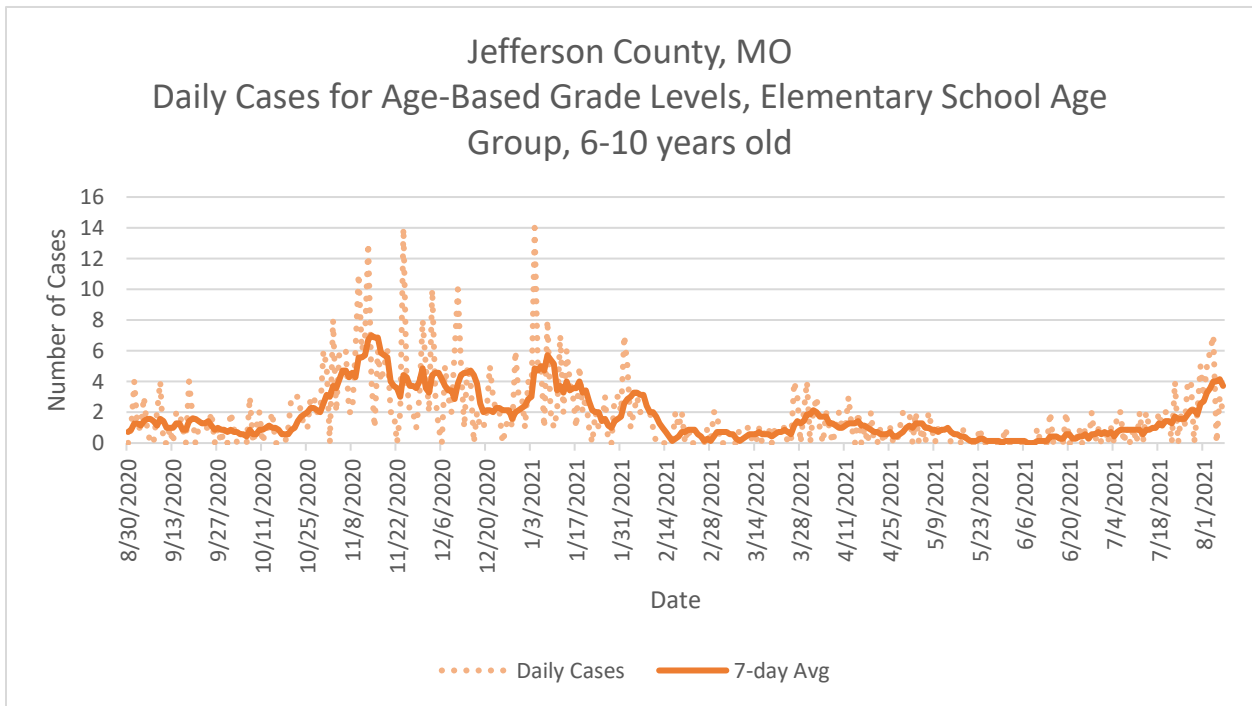


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

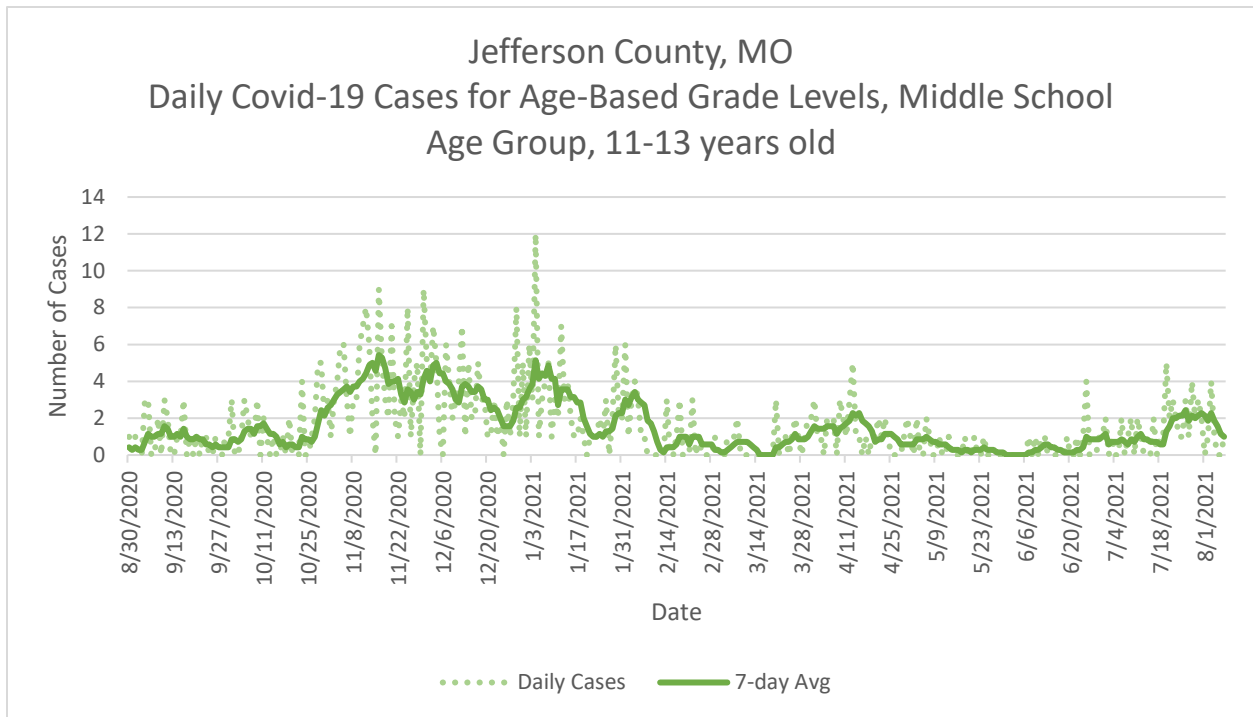


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

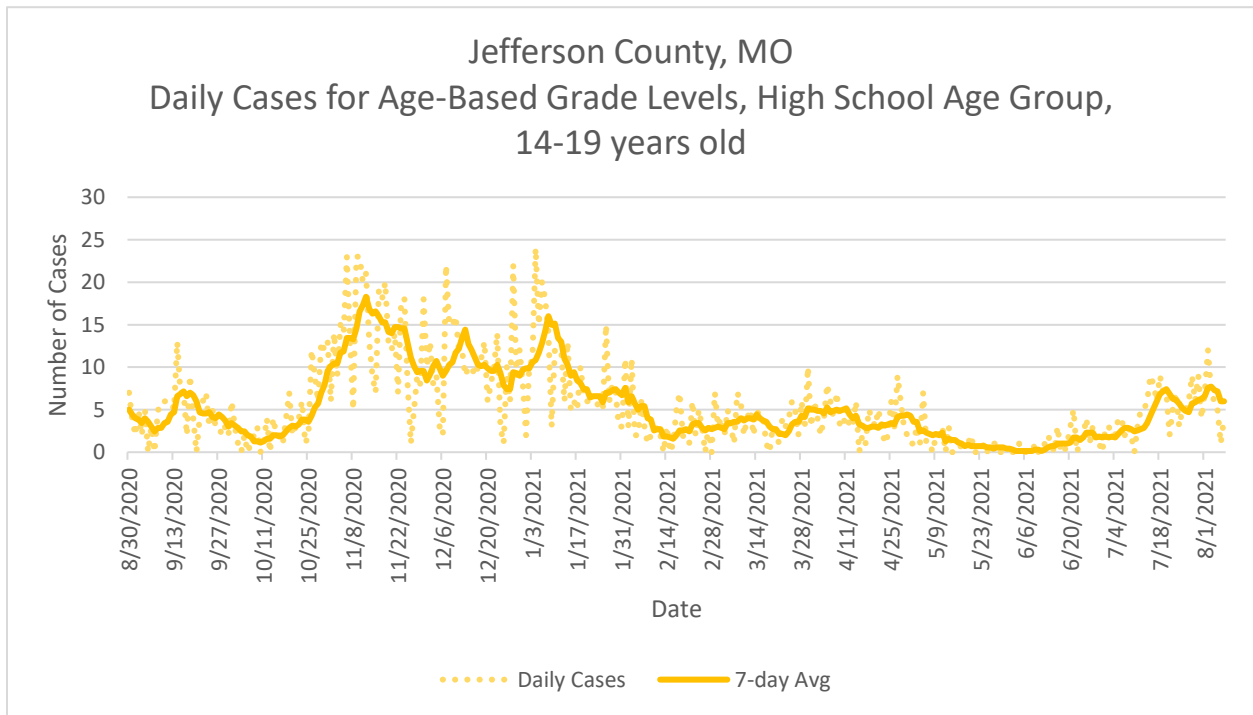


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

