



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 27: July 4- July 10

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

SUMMARY:

- During Week 27 a total of 164 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 24,125 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 27.
- Two hundred fifty-five Covid-19 associated deaths have been reported in Jefferson County as of Week 27.
- 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
40	9/27/2020	274	4480
41	10/4/2020	292	4772
42	10/11/2020	318	5090
43	10/18/2020	393	5483
44	10/25/2020	724	6207
45	11/1/2020	1202	7409
46	11/8/2020	1540	8949
47	11/15/2020	1484	10433
48	11/22/2020	1139	11572
49	11/29/2020	1254	12826
50	12/6/2020	1101	13927
51	12/13/2020	947	14874
52	12/20/2020	718	15592
53	12/27/2020	1068	16660
1	1/3/2021	1229	17889
2	1/10/2021	888	18777
3	1/17/2021	636	19413
4	1/24/2021	525	19938
5	1/31/2021	379	20317
6	2/7/2021	257	20574
7	2/14/2021	214	20788
8	2/21/2021	190	20978
9	2/28/2021	171	21149
10	3/7/2021	176	21325
11	3/14/2021	213	21538
12	3/21/2021	285	21823
13	3/28/2021	317	22140
14	4/4/2021	329	22469
15	4/11/2021	274	22743
16	4/18/2021	208	22951
17	4/25/2021	186	23137
18	5/2/2021	144	23281
19	5/9/2021	116	23397
20	5/16/2021	76	23473
21	5/23/2021	63	23536
22	5/30/2021	60	24140
23	6/6/2021	59	23655
24	6/13/2021	74	23729
25	6/20/2021	86	23815
26	6/27/2021	146	23961
27	7/4/2021	164	24125

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

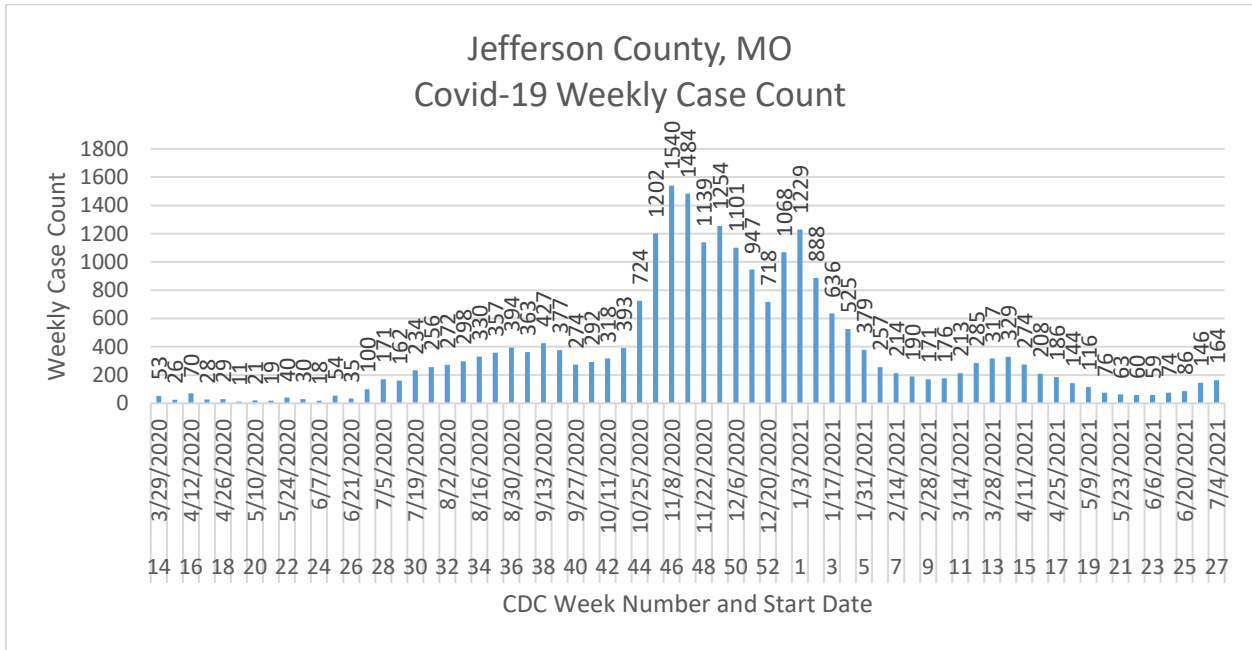


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

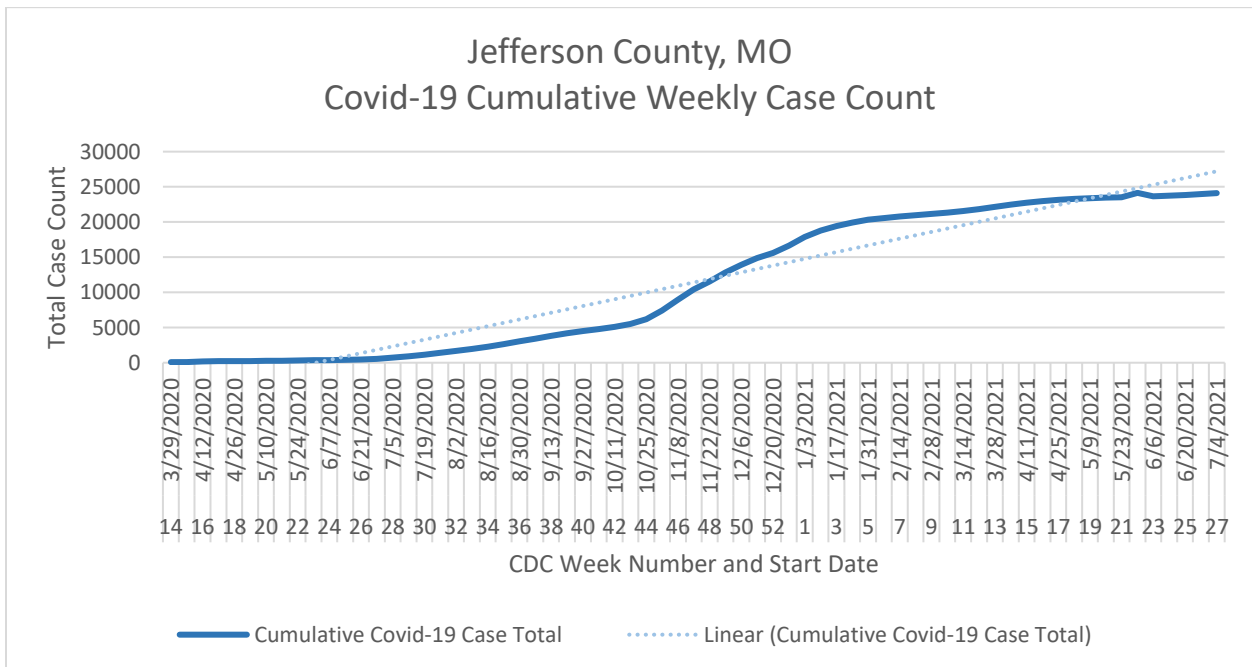


Figure 3. Covid-19 Daily Case Count and 7-Day Average
Jefferson County, Missouri

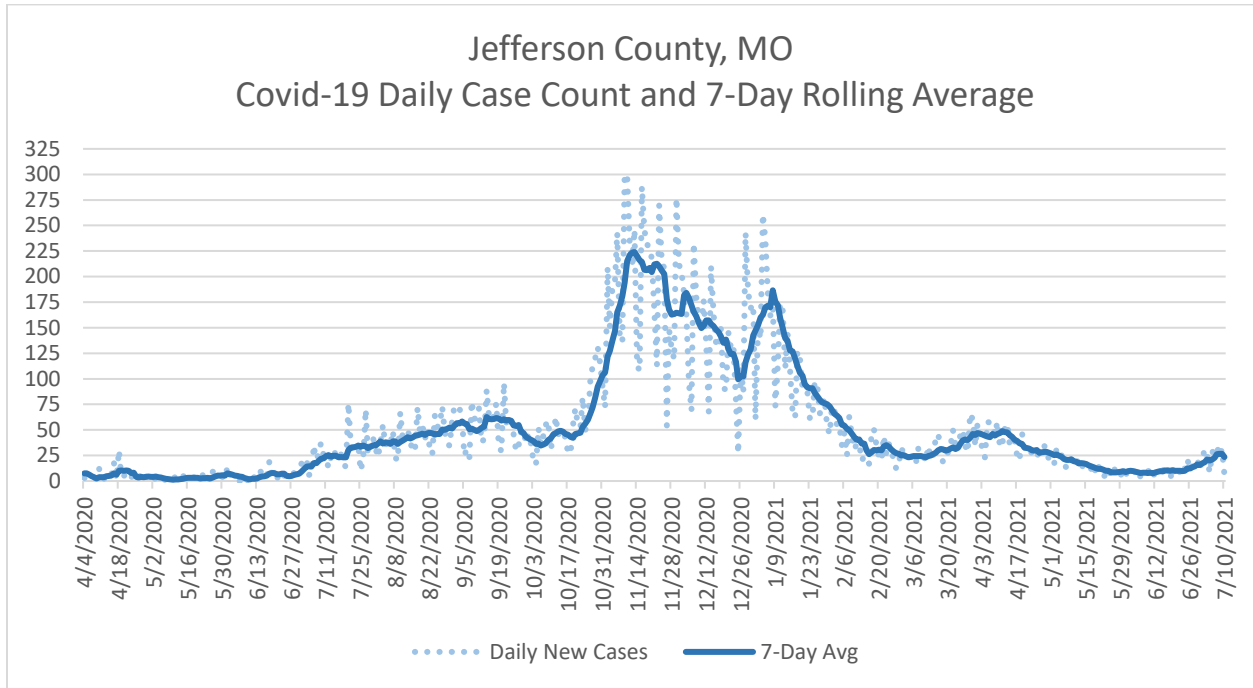


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

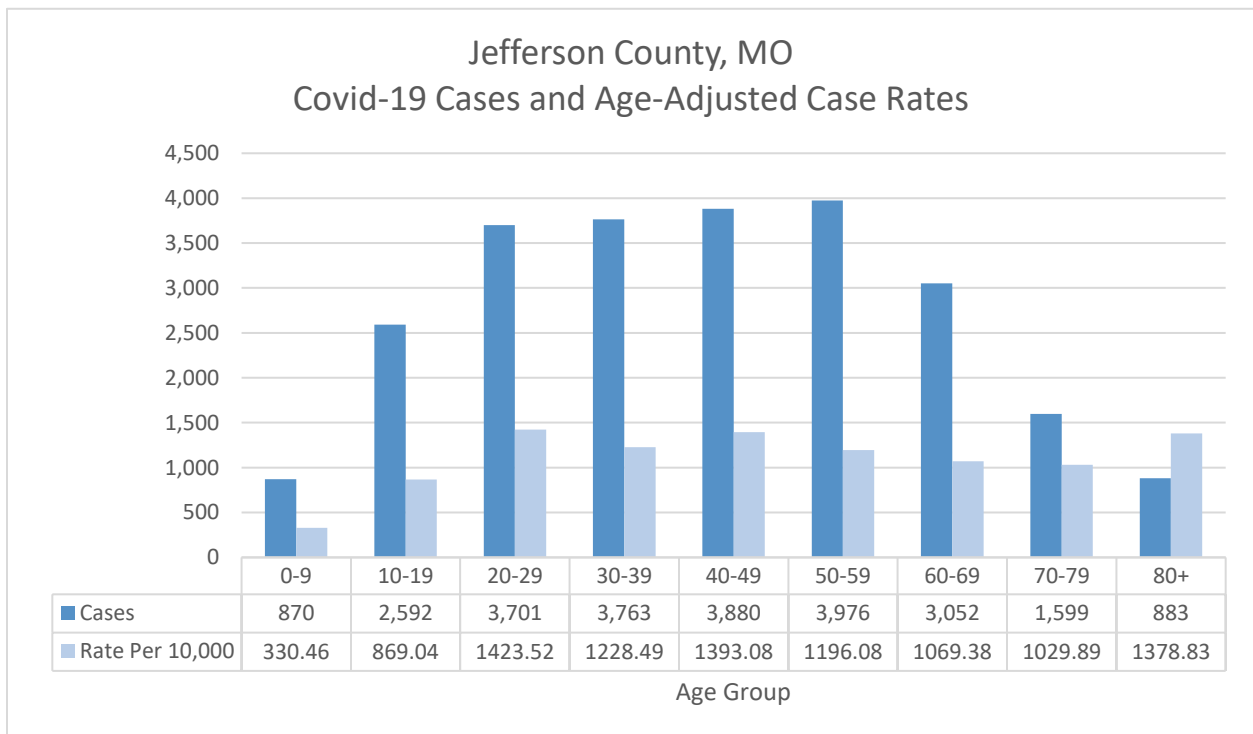


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

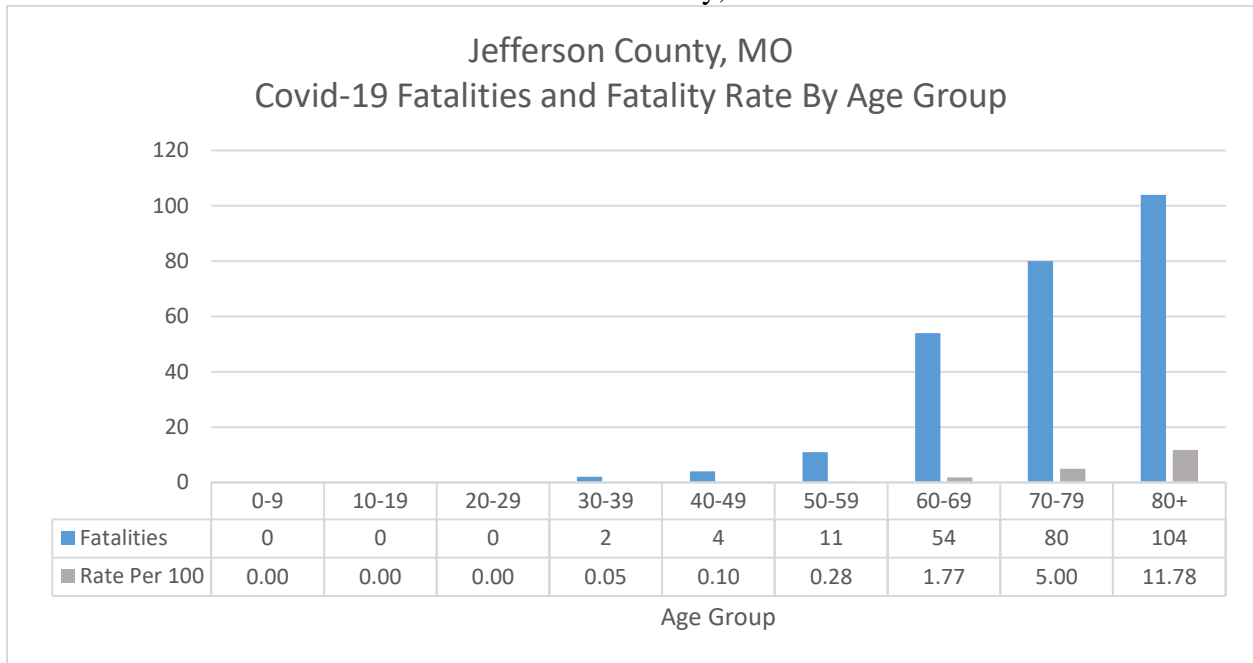


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.05%
Missouri	1.39%
US	1.74%

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

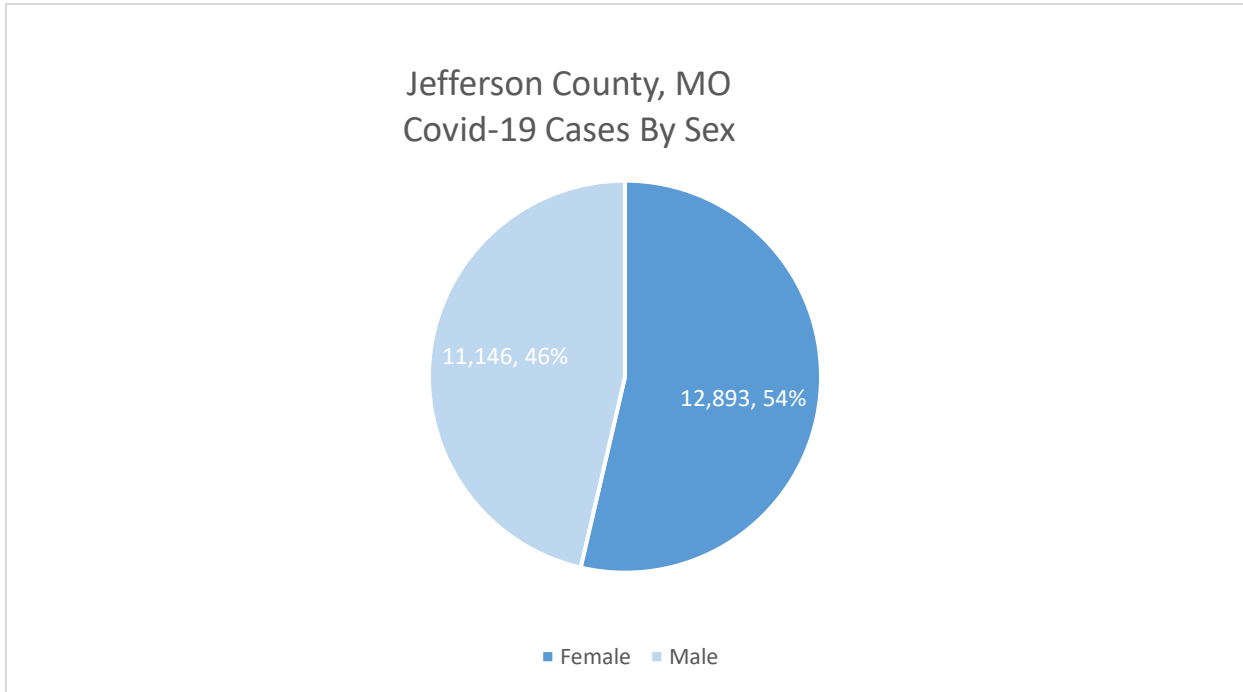


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

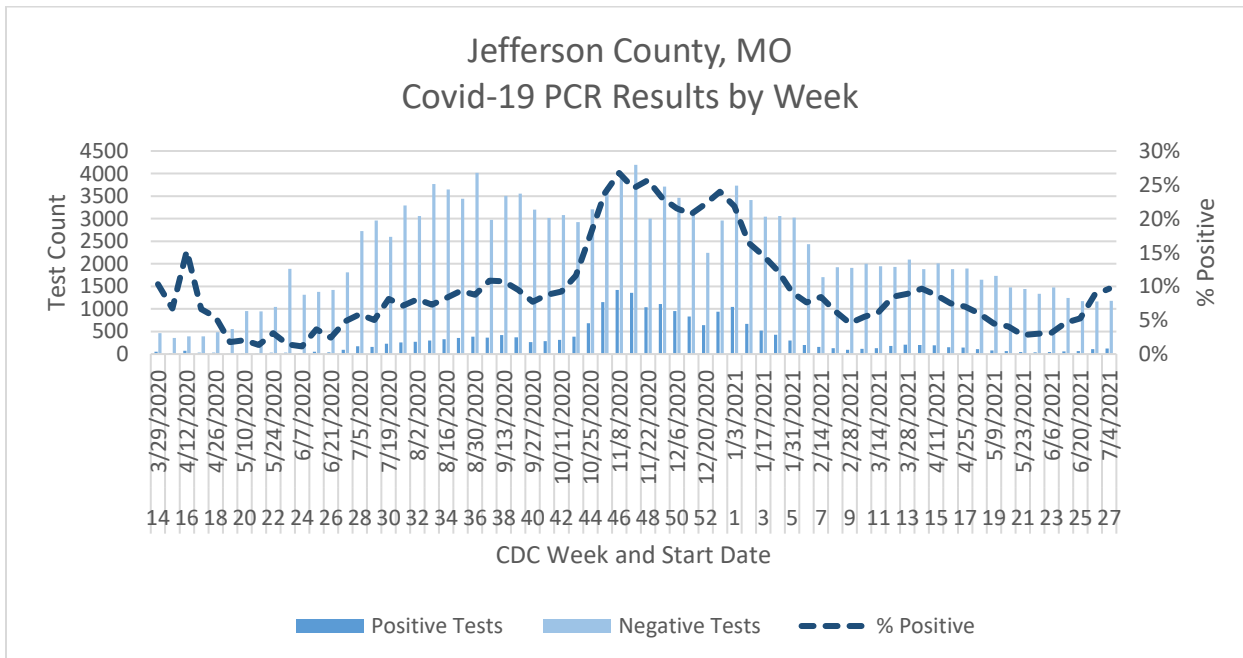


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

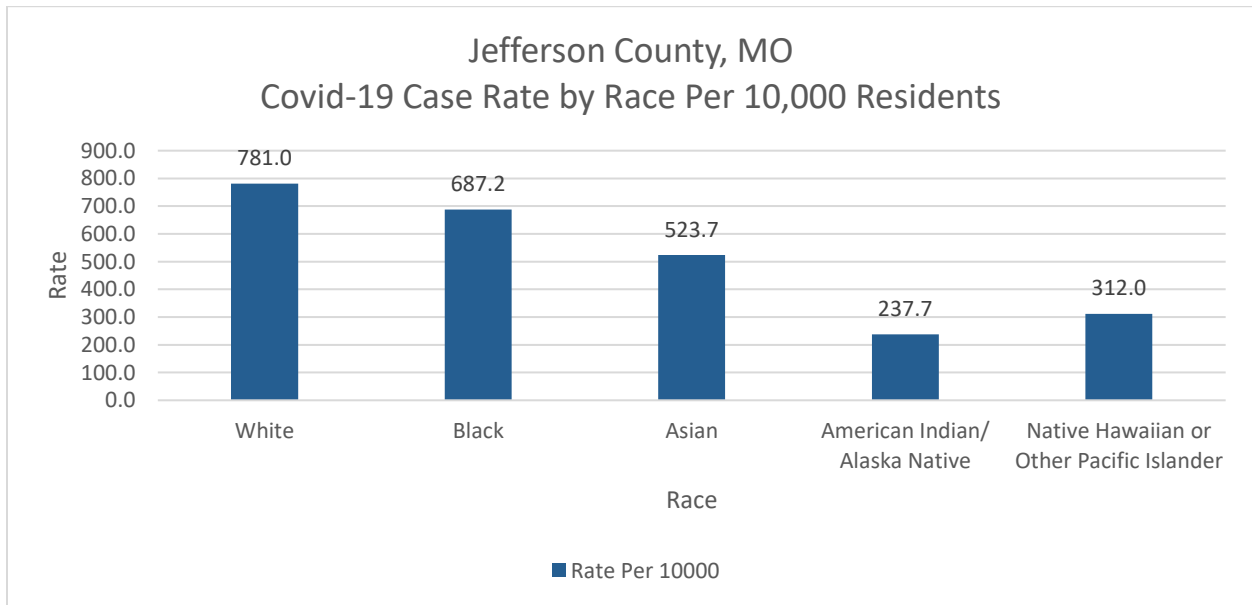
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
38	9/13/2020	422	3505	3927	10.7%
39	9/20/2020	371	3553	3924	9.5%
40	9/27/2020	268	3201	3469	7.7%
41	10/4/2020	289	3017	3306	8.7%
42	10/11/2020	313	3082	3395	9.2%
43	10/18/2020	383	2926	3309	11.6%
44	10/25/2020	685	3204	3889	17.6%
45	11/1/2020	1153	3699	4852	23.8%
46	11/8/2020	1423	3895	5318	26.8%
47	11/15/2020	1360	4192	5552	24.5%
48	11/22/2020	1038	3003	4041	25.7%
49	11/29/2020	1109	3709	4818	23.0%
50	12/6/2020	951	3465	4416	21.5%
51	12/13/2020	831	3185	4016	20.7%
52	12/20/2020	639	2244	2883	22.2%
53	12/27/2020	935	2962	3897	24.0%
1	1/3/2021	1043	3731	4774	21.8%
2	1/10/2021	670	3416	4086	16.4%
3	1/17/2021	517	3043	3560	14.5%
4	1/24/2021	430	3062	3492	12.3%
5	1/31/2021	303	3024	3327	9.1%
6	2/7/2021	201	2435	2636	7.6%
7	2/14/2021	157	1701	1858	8.4%
8	2/21/2021	129	1925	2054	6.3%
9	2/28/2021	91	1911	2002	4.5%
10	3/7/2021	117	2005	2122	5.5%
11	3/14/2021	129	1945	2074	6.2%
12	3/21/2021	179	1931	2110	8.5%
13	3/28/2021	205	2096	2301	8.9%
14	4/4/2021	201	1878	2079	9.7%
15	4/11/2021	192	2009	2201	8.7%
16	4/18/2021	152	1884	2036	7.5%
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	1245	1306	4.7%
25	6/20/2021	65	1175	1240	5.2%
26	6/27/2021	112	1168	1280	8.8%
27	7/4/2021	126	1179	1305	9.7%

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

Race	Cases	Rate Per 10000
White	16839	781.0
Black	185	687.2
Asian	94	523.7
American Indian/ Alaska Native	16	237.7
Native Hawaiian or Other Pacific Islander	7	312.0
Unknown	3124	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

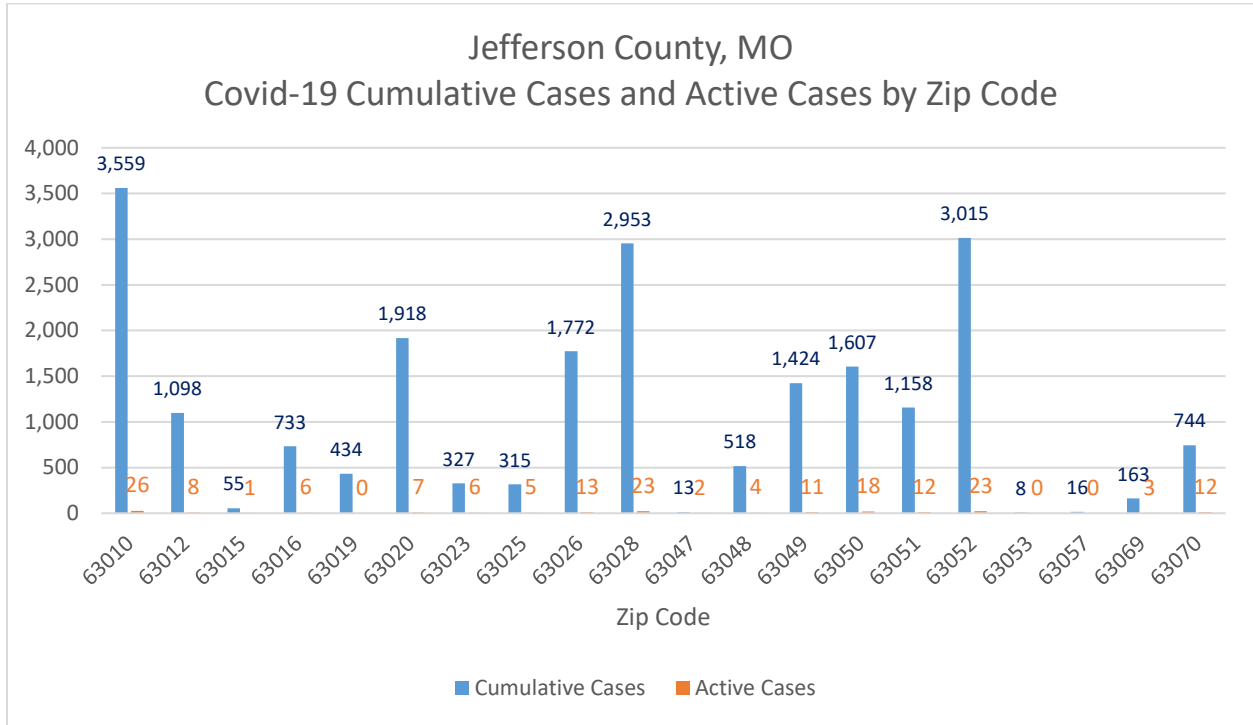
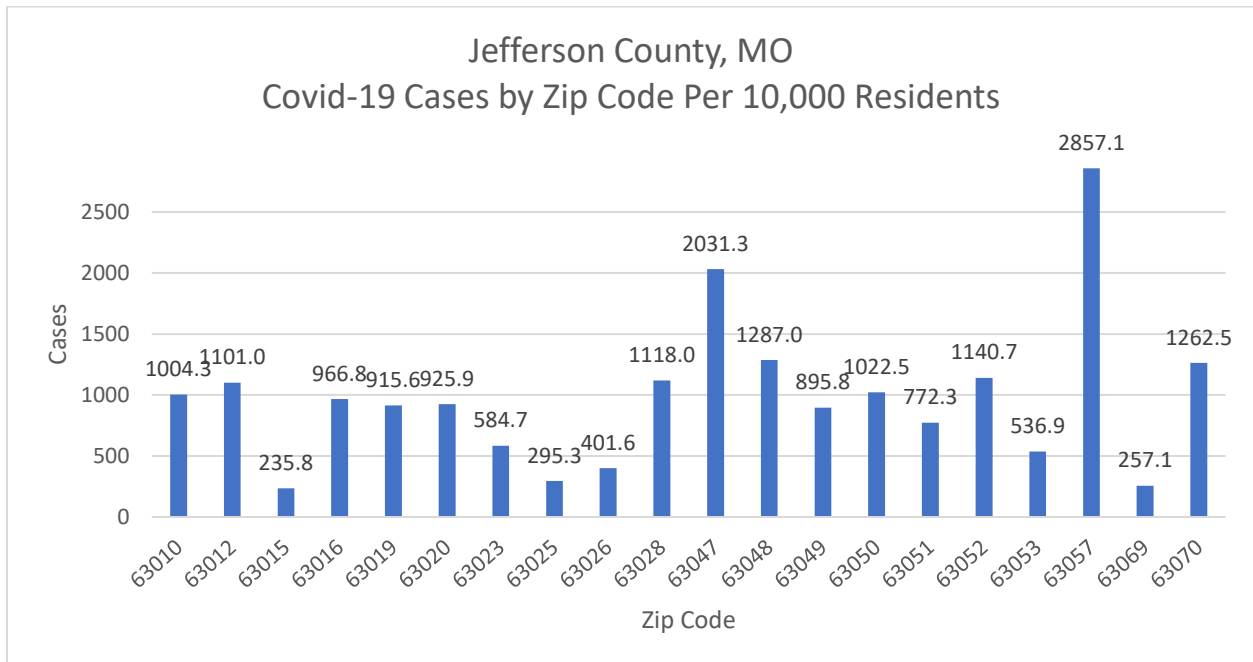


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 27: July 4- July 10

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

SUMMARY:

- During Week 27 a total of 32 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3400 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
42	10/11/2020	28	550
43	10/18/2020	51	601
44	10/25/2020	116	717
45	11/1/2020	166	883
46	11/8/2020	222	1105
47	11/15/2020	194	1299
48	11/22/2020	134	1433
49	11/29/2020	160	1593
50	12/6/2020	176	1769
51	12/13/2020	129	1898
52	12/20/2020	89	1987
53	12/27/2020	141	2128
1	1/3/2021	201	2329
2	1/10/2021	130	2459
3	1/17/2021	77	2536
4	1/24/2021	87	2623
5	1/31/2021	93	2716
6	2/7/2021	28	2744
7	2/14/2021	33	2777
8	2/21/2021	30	2807
9	2/28/2021	33	2840
10	3/7/2021	36	2876
11	3/14/2021	31	2907
12	3/21/2021	46	2953
13	3/28/2021	62	3015
14	4/4/2021	58	3073
15	4/11/2021	48	3121
16	4/18/2021	44	3165
17	4/25/2021	49	3214
18	5/2/2021	38	3252
19	5/9/2021	22	3274
20	5/16/2021	12	3286
21	5/23/2021	6	3292
22	5/30/2021	4	3296
23	6/6/2021	8	3304
24	6/13/2021	13	3317
25	6/20/2021	25	3342
26	6/27/2021	26	3368
27	7/4/2021	32	3400

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

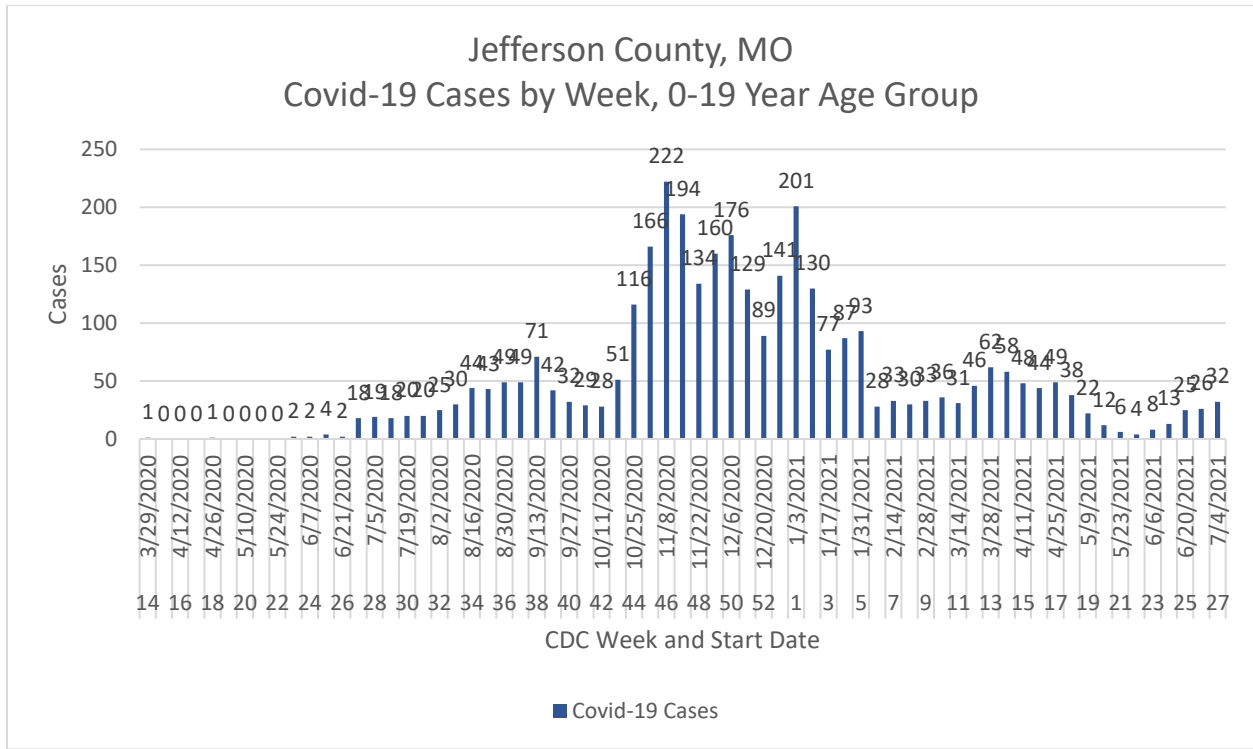


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	870	3.58%
10-19	2,592	10.66%
20+	20,854	85.76%

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

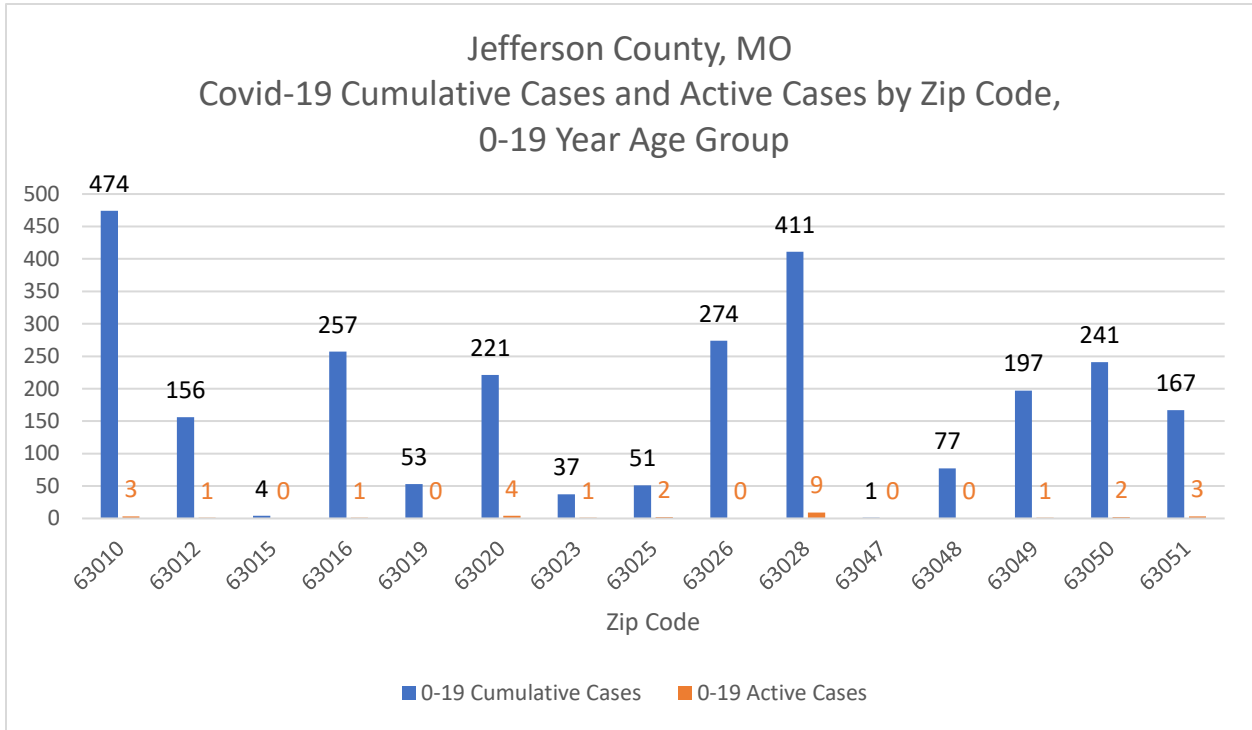


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

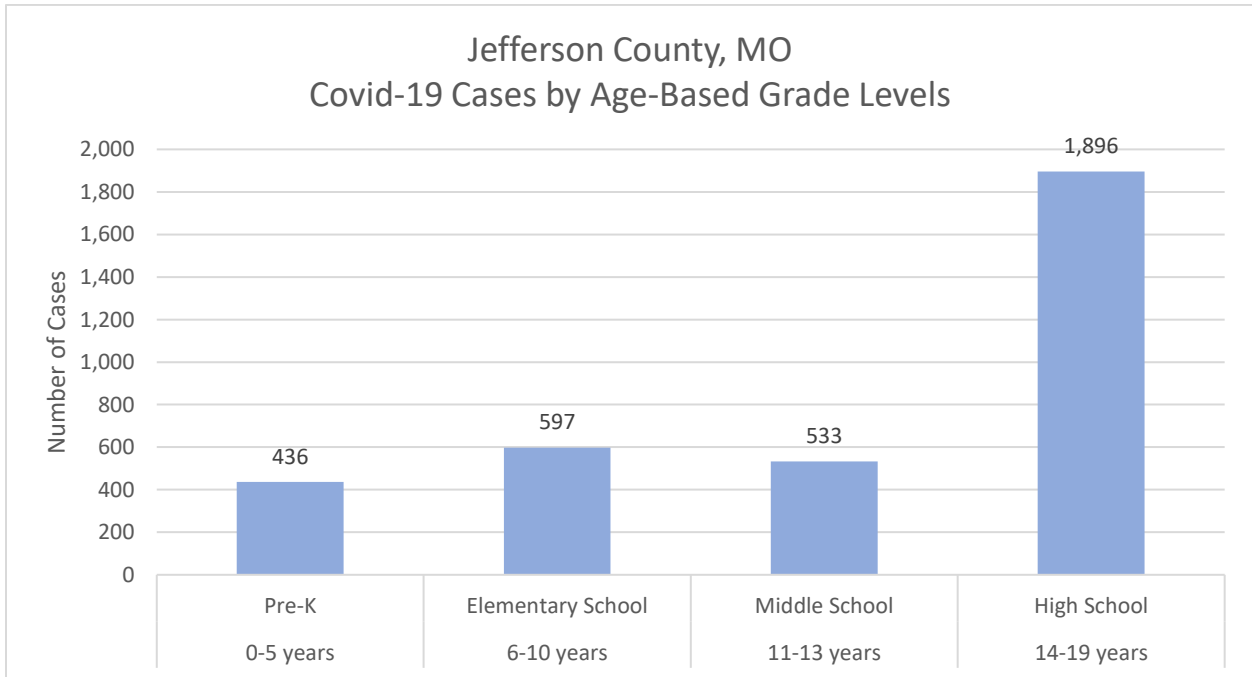


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

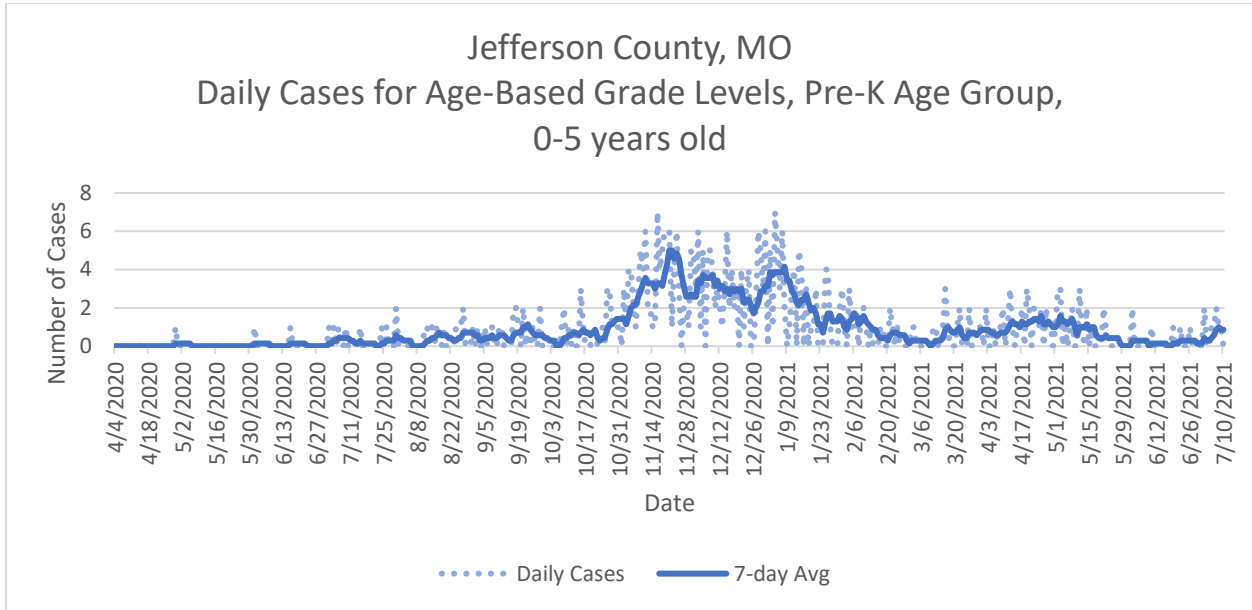


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

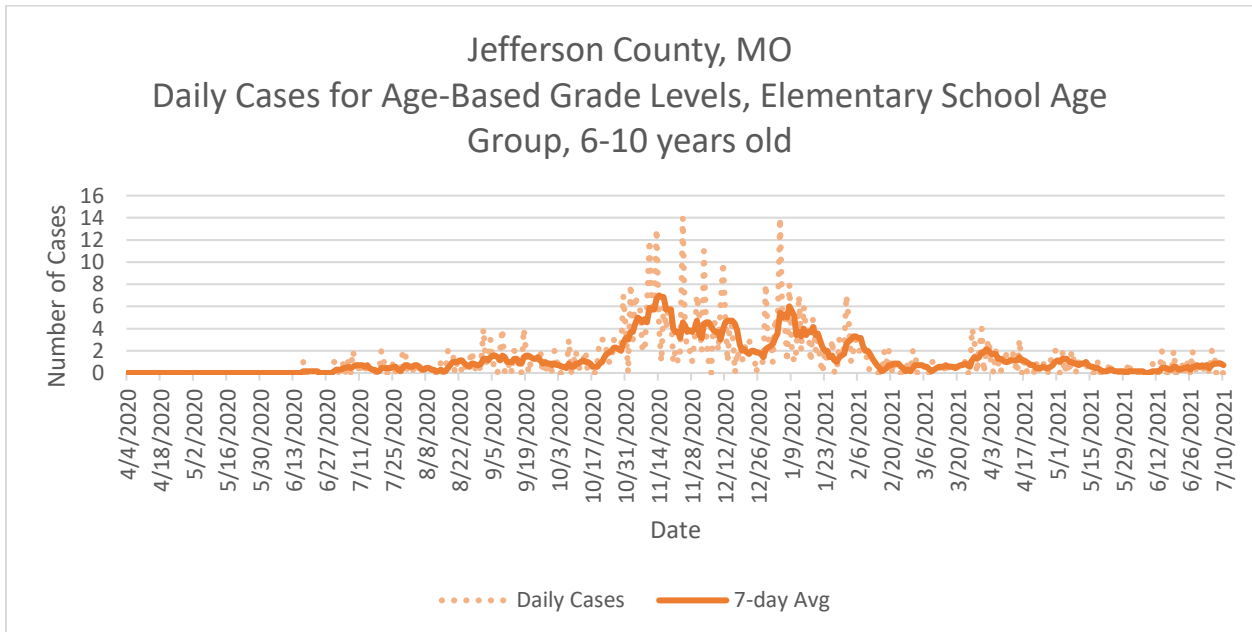


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

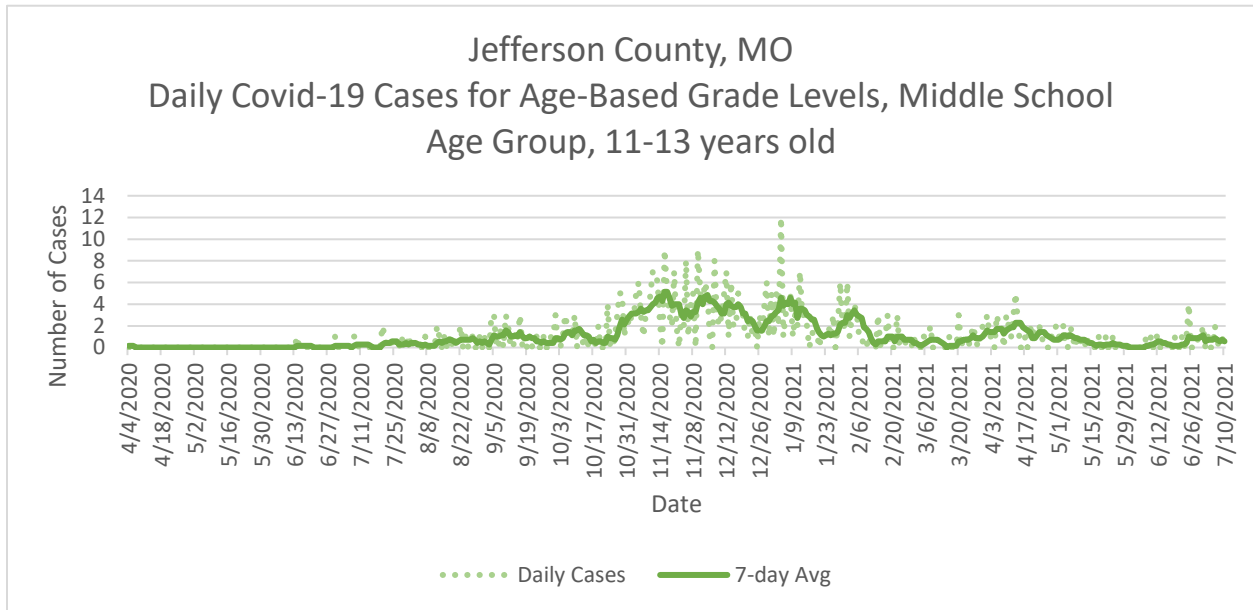


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

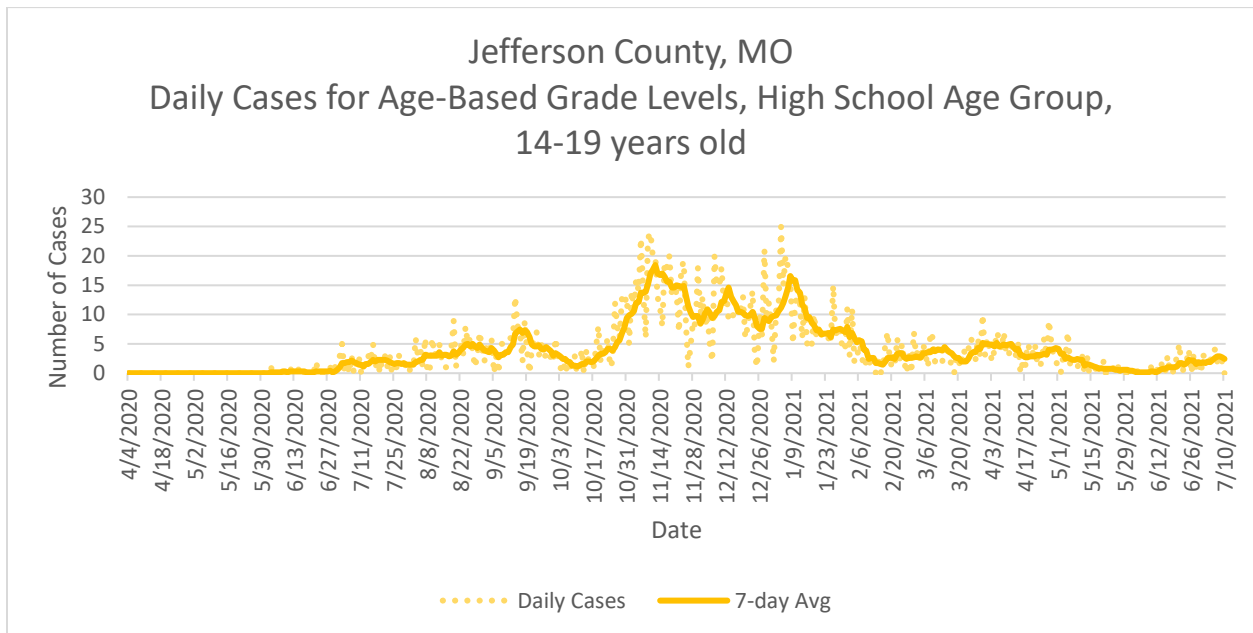


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

