



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 18: May 2- May 8

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

SUMMARY:

- During Week 18 a total of 124 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 23357 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 18.
- Two hundred forty-five Covid-19 associated deaths have been reported in Jefferson County as of Week 18.
- 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
31	7/26/2020	272	1502
32	8/2/2020	296	1798
33	8/9/2020	323	2121
34	8/16/2020	350	2471
35	8/23/2020	379	2850
36	8/30/2020	399	3249
37	9/6/2020	377	3626
38	9/13/2020	434	4060
39	9/20/2020	381	4441
40	9/27/2020	278	4719
41	10/4/2020	298	5017
42	10/11/2020	337	5354
43	10/18/2020	396	5750
44	10/25/2020	742	6492
45	11/1/2020	1275	7767
46	11/8/2020	1601	9368
47	11/15/2020	1489	10857
48	11/22/2020	1145	12002
49	11/29/2020	1261	13263
50	12/6/2020	1098	14361
51	12/13/2020	928	15289
52	12/20/2020	700	15989
53	12/27/2020	1070	17059
1	1/3/2021	1231	18290
2	1/10/2021	865	19155
3	1/17/2021	609	19764
4	1/24/2021	501	20265
5	1/31/2021	352	20617
6	2/7/2021	230	20847
7	2/14/2021	197	21044
8	2/21/2021	168	21212
9	2/28/2021	158	21370
10	3/7/2021	164	21534
11	3/14/2021	203	21737
12	3/21/2021	269	22006
13	3/28/2021	301	22307
14	4/4/2021	308	22615
15	4/11/2021	262	22877
16	4/18/2021	182	23059
17	4/25/2021	174	23233
18	5/2/2021	124	23357

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

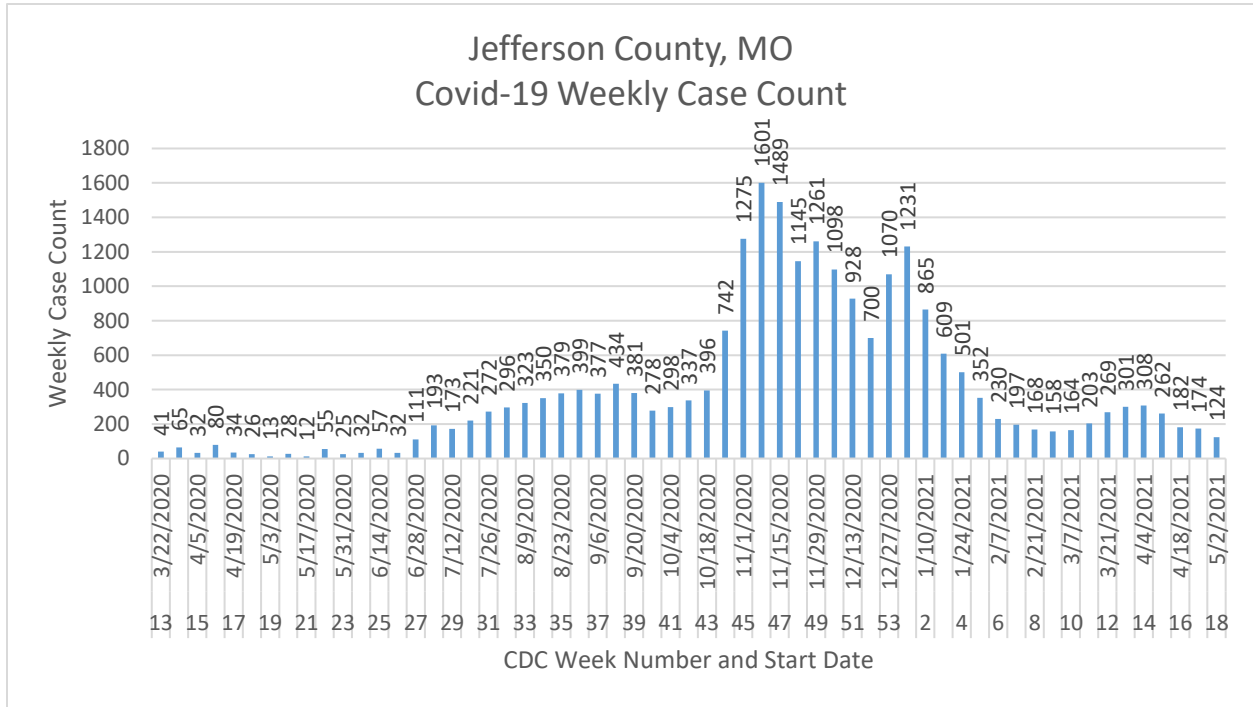


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

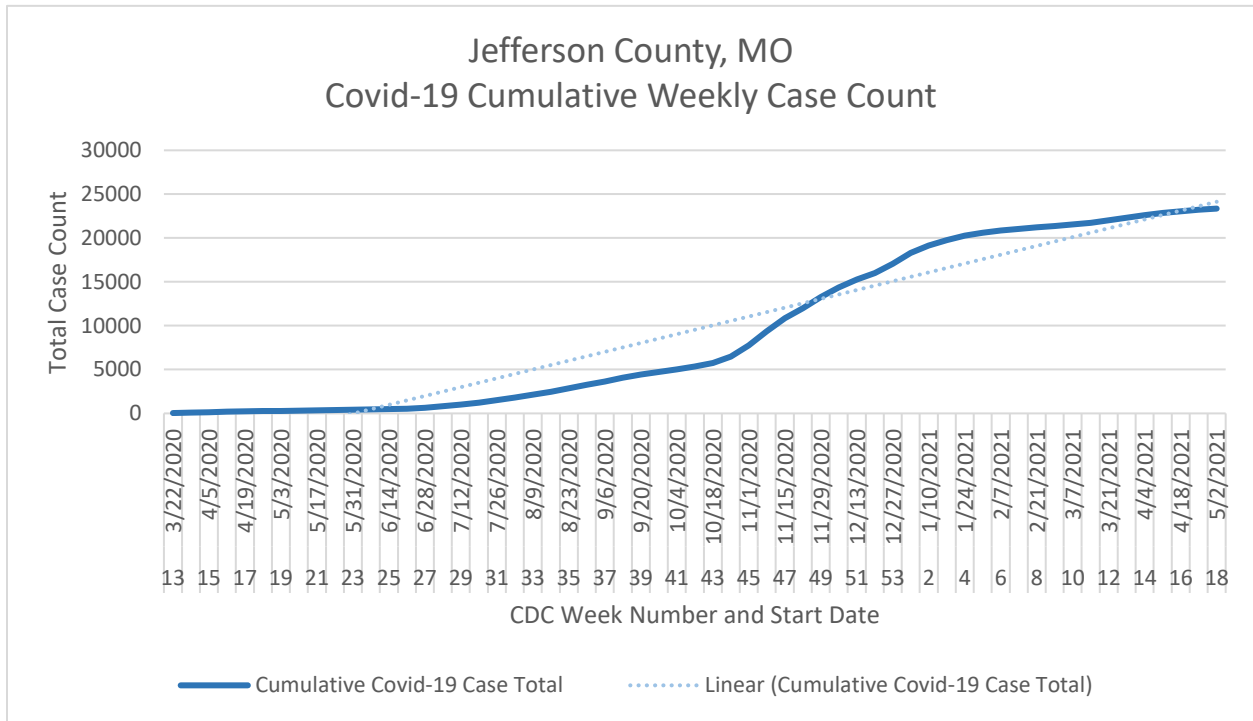


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

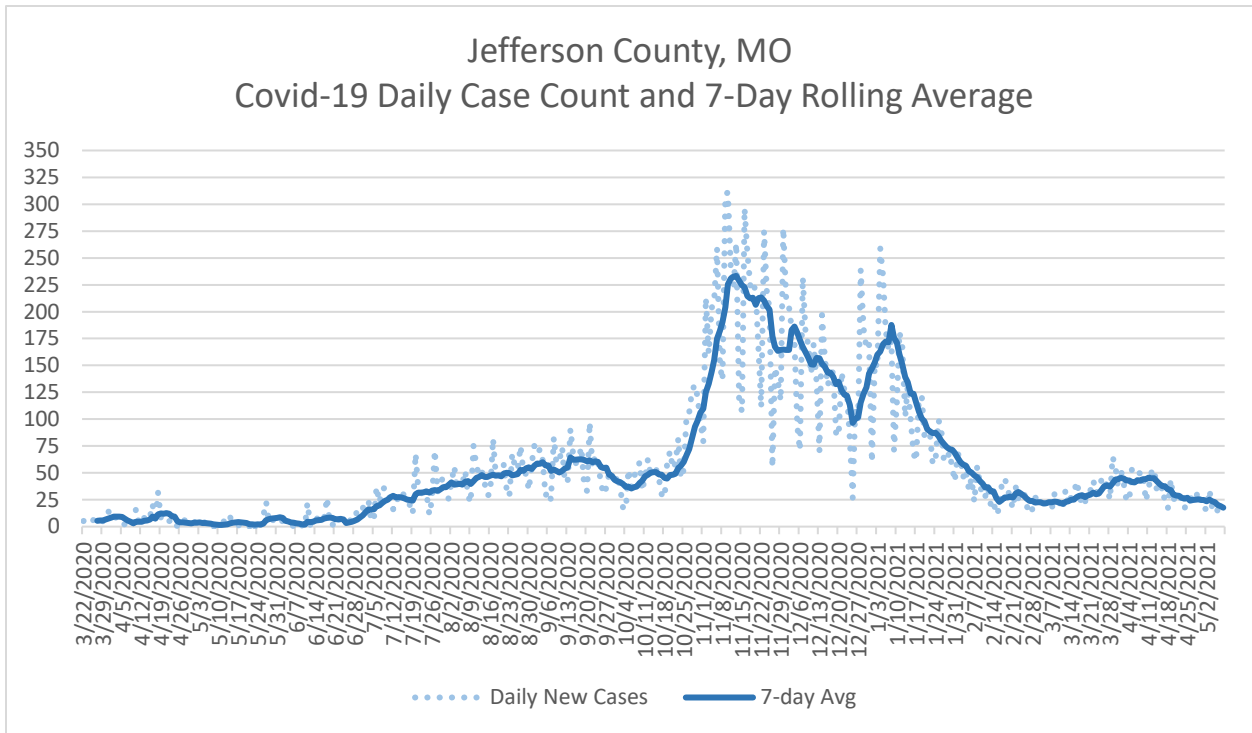


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

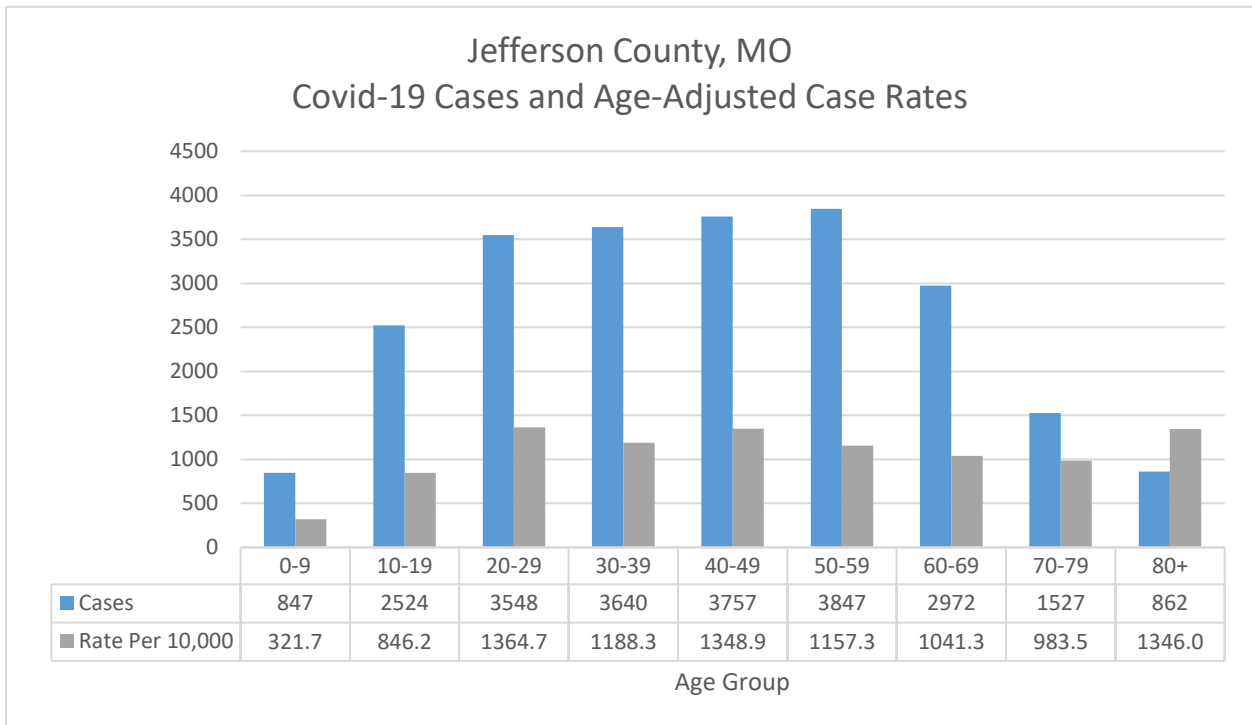


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

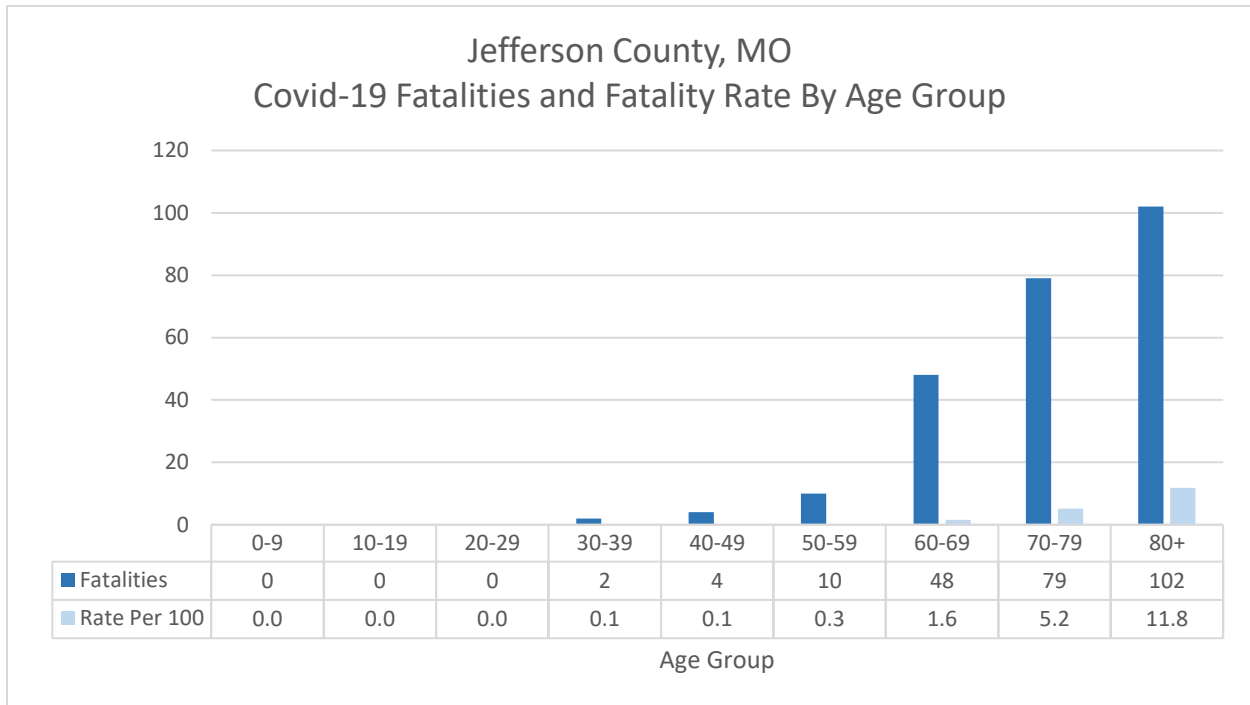


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.04%
Missouri	1.75%
US	1.78%

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

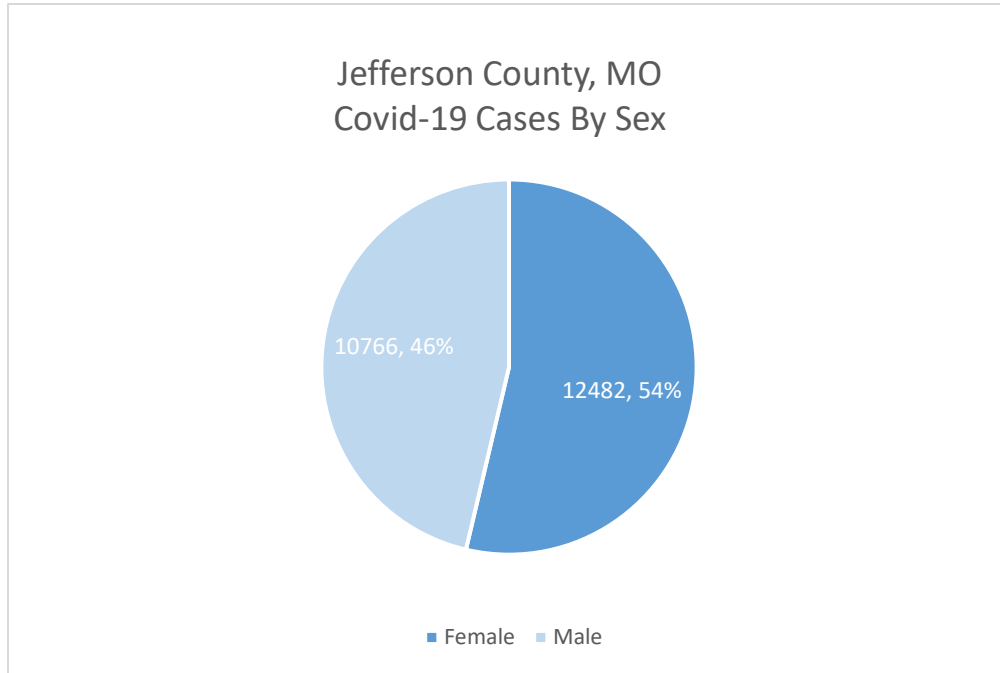


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

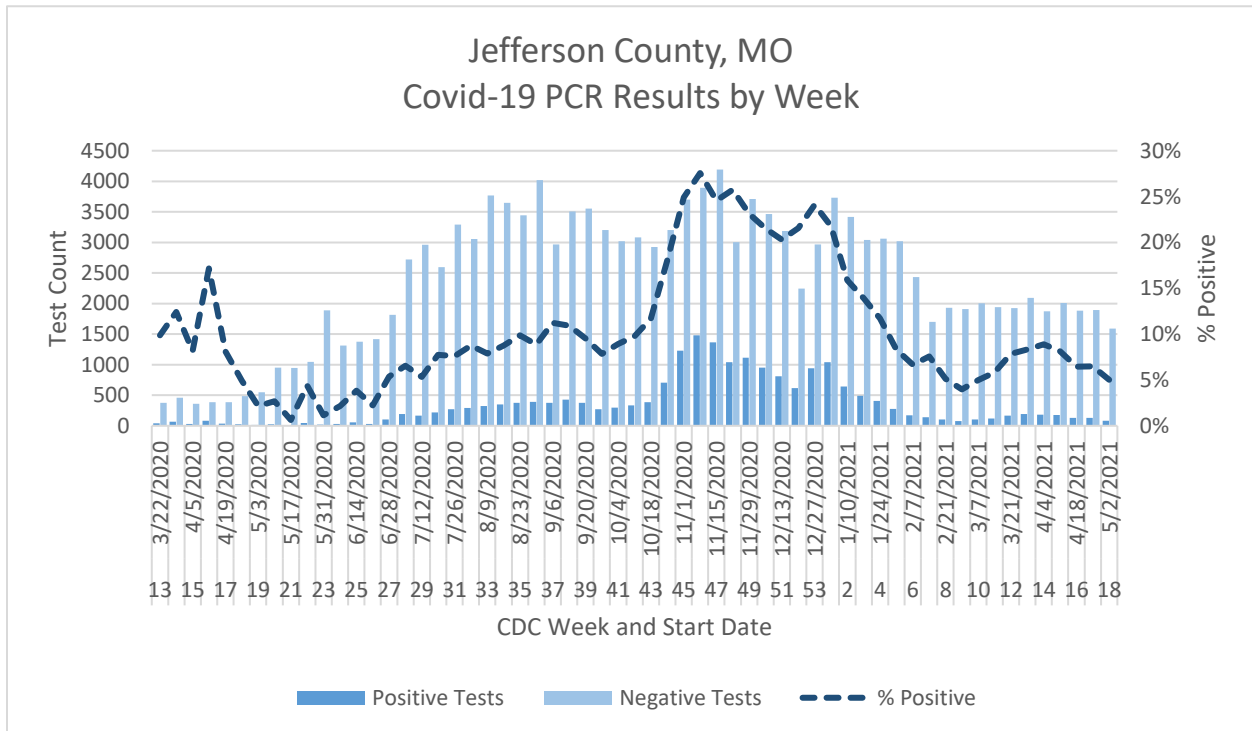


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

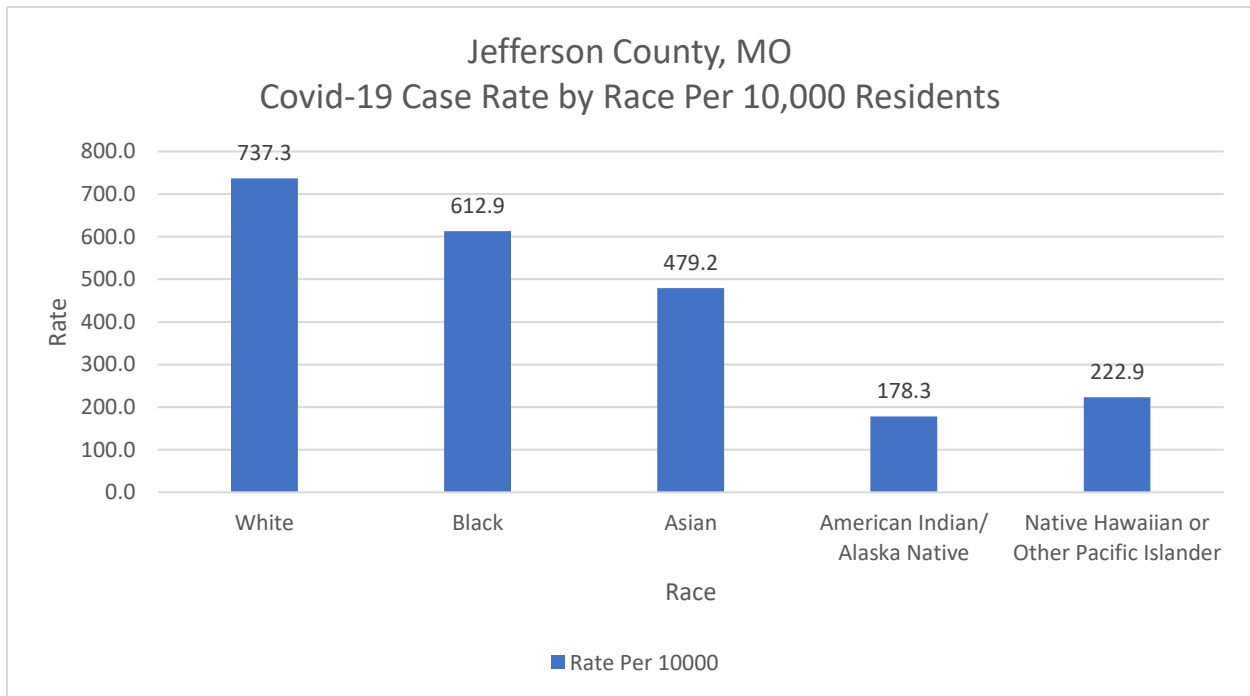
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
29	7/12/2020	167	2960	3127	5.3%
30	7/19/2020	218	2596	2814	7.7%
31	7/26/2020	270	3291	3561	7.6%
32	8/2/2020	293	3058	3351	8.7%
33	8/9/2020	322	3767	4089	7.9%
34	8/16/2020	349	3645	3994	8.7%
35	8/23/2020	377	3445	3822	9.9%
36	8/30/2020	390	4018	4408	8.8%
37	9/6/2020	375	2965	3340	11.2%
38	9/13/2020	429	3504	3933	10.9%
39	9/20/2020	374	3554	3928	9.5%
40	9/27/2020	272	3200	3472	7.8%
41	10/4/2020	296	3017	3313	8.9%
42	10/11/2020	333	3082	3415	9.8%
43	10/18/2020	387	2926	3313	11.7%
44	10/25/2020	703	3204	3907	18.0%
45	11/1/2020	1227	3699	4926	24.9%
46	11/8/2020	1482	3895	5377	27.6%
47	11/15/2020	1365	4193	5558	24.6%
48	11/22/2020	1041	3004	4045	25.7%
49	11/29/2020	1116	3710	4826	23.1%
50	12/6/2020	950	3464	4414	21.5%
51	12/13/2020	811	3186	3997	20.3%
52	12/20/2020	616	2242	2858	21.6%
53	12/27/2020	942	2965	3907	24.1%
1	1/3/2021	1039	3731	4770	21.8%
2	1/10/2021	644	3418	4062	15.9%
3	1/17/2021	492	3040	3532	13.9%
4	1/24/2021	406	3063	3469	11.7%
5	1/31/2021	275	3021	3296	8.3%
6	2/7/2021	173	2432	2605	6.6%
7	2/14/2021	139	1698	1837	7.6%
8	2/21/2021	104	1929	2033	5.1%
9	2/28/2021	79	1911	1990	4.0%
10	3/7/2021	105	2003	2108	5.0%
11	3/14/2021	120	1943	2063	5.8%
12	3/21/2021	164	1927	2091	7.8%
13	3/28/2021	190	2095	2285	8.3%
14	4/4/2021	183	1875	2058	8.9%
15	4/11/2021	178	2009	2187	8.1%
16	4/18/2021	130	1884	2014	6.5%
17	4/25/2021	131	1892	2023	6.5%
18	5/2/2021	84	1590	1674	5.0%

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

Race	Cases	Rate Per 10000
White	15895	737.3
Black	165	612.9
Asian	86	479.2
American Indian/ Alaska Native	12	178.3
Native Hawaiian or Other Pacific Islander	5	222.9
Unknown	3119	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

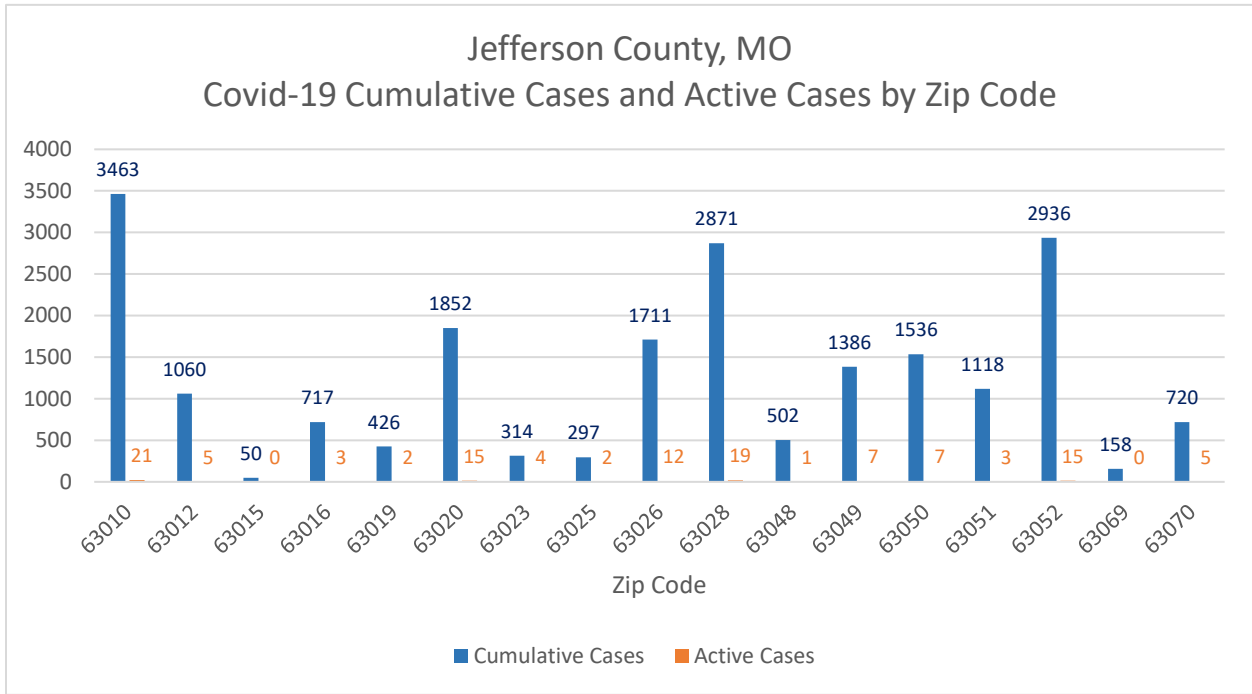
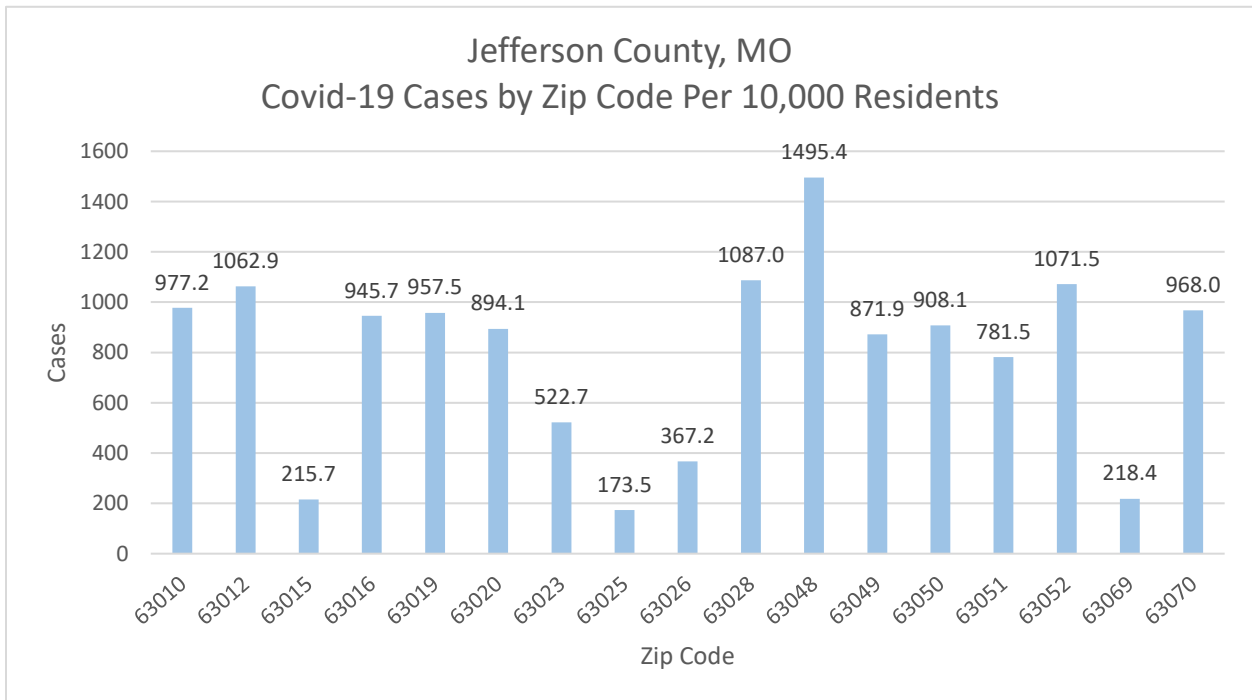


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 18: May 2- May 8

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

SUMMARY:

- During Week 18 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 3318 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
33	8/9/2020	32	178
34	8/16/2020	46	224
35	8/23/2020	45	269
36	8/30/2020	53	322
37	9/6/2020	53	375
38	9/13/2020	70	445
39	9/20/2020	45	490
40	9/27/2020	34	524
41	10/4/2020	29	553
42	10/11/2020	29	582
43	10/18/2020	52	634
44	10/25/2020	116	750
45	11/1/2020	168	918
46	11/8/2020	231	1149
47	11/15/2020	205	1354
48	11/22/2020	134	1488
49	11/29/2020	166	1654
50	12/6/2020	180	1834
51	12/13/2020	130	1964
52	12/20/2020	88	2052
53	12/27/2020	145	2197
1	1/3/2021	207	2404
2	1/10/2021	135	2539
3	1/17/2021	74	2613
4	1/24/2021	87	2700
5	1/31/2021	91	2791
6	2/7/2021	29	2820
7	2/14/2021	33	2853
8	2/21/2021	29	2882
9	2/28/2021	32	2914
10	3/7/2021	35	2949
11	3/14/2021	32	2981
12	3/21/2021	46	3027
13	3/28/2021	62	3089
14	4/4/2021	58	3147
15	4/11/2021	47	3194
16	4/18/2021	42	3236
17	4/25/2021	50	3286
18	5/2/2021	32	3318

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

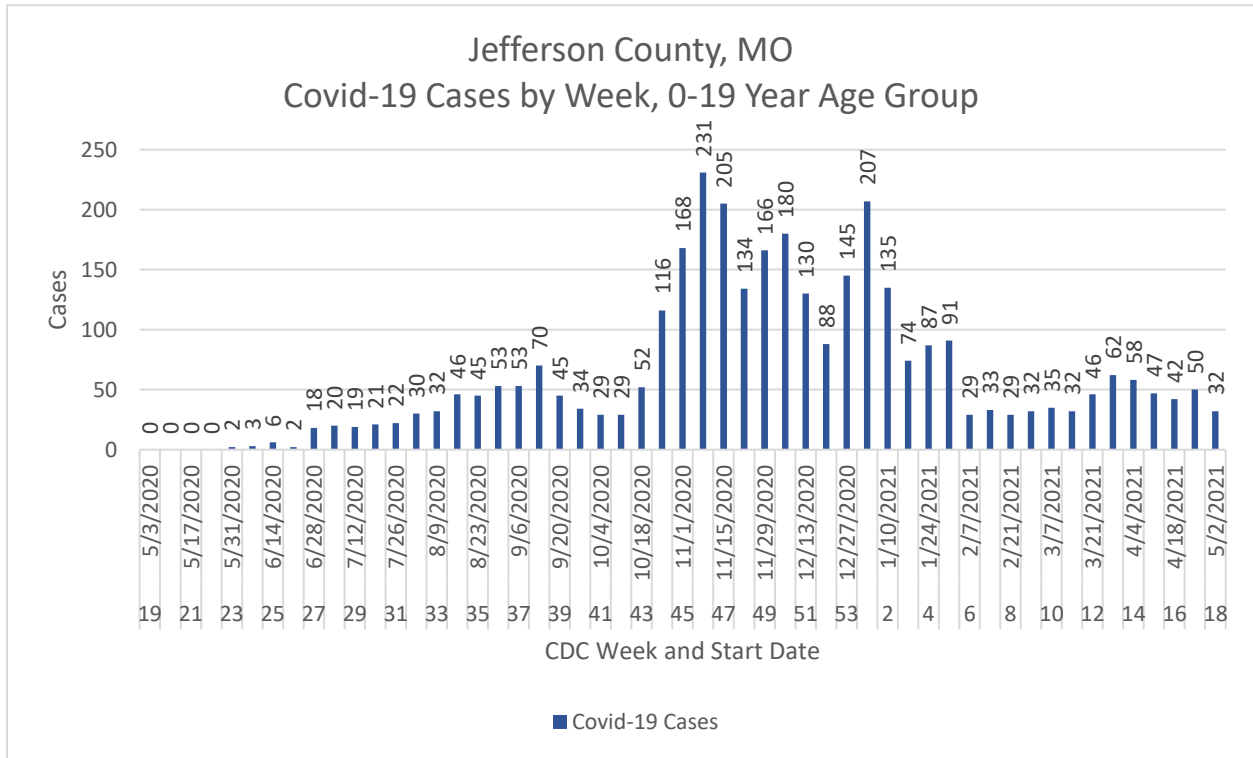


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	847	3.60%
10-19	2,524	10.73%
20+	20,153	85.67%

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

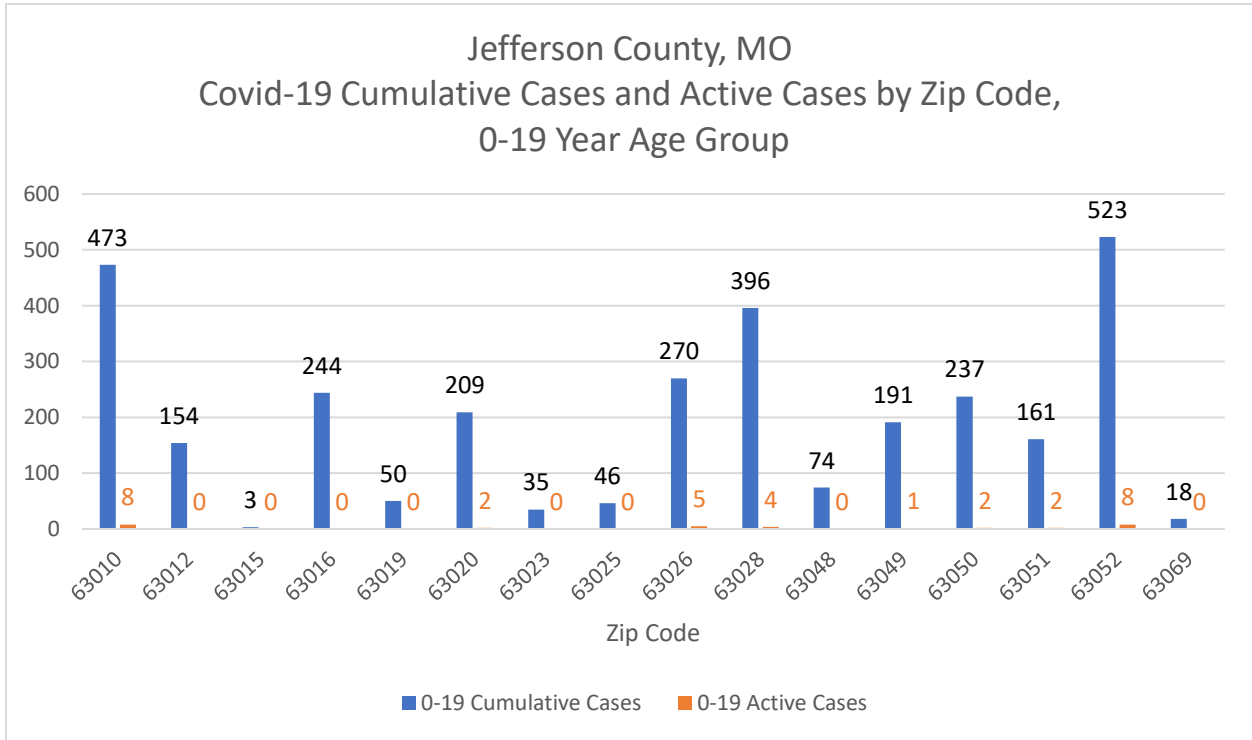


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

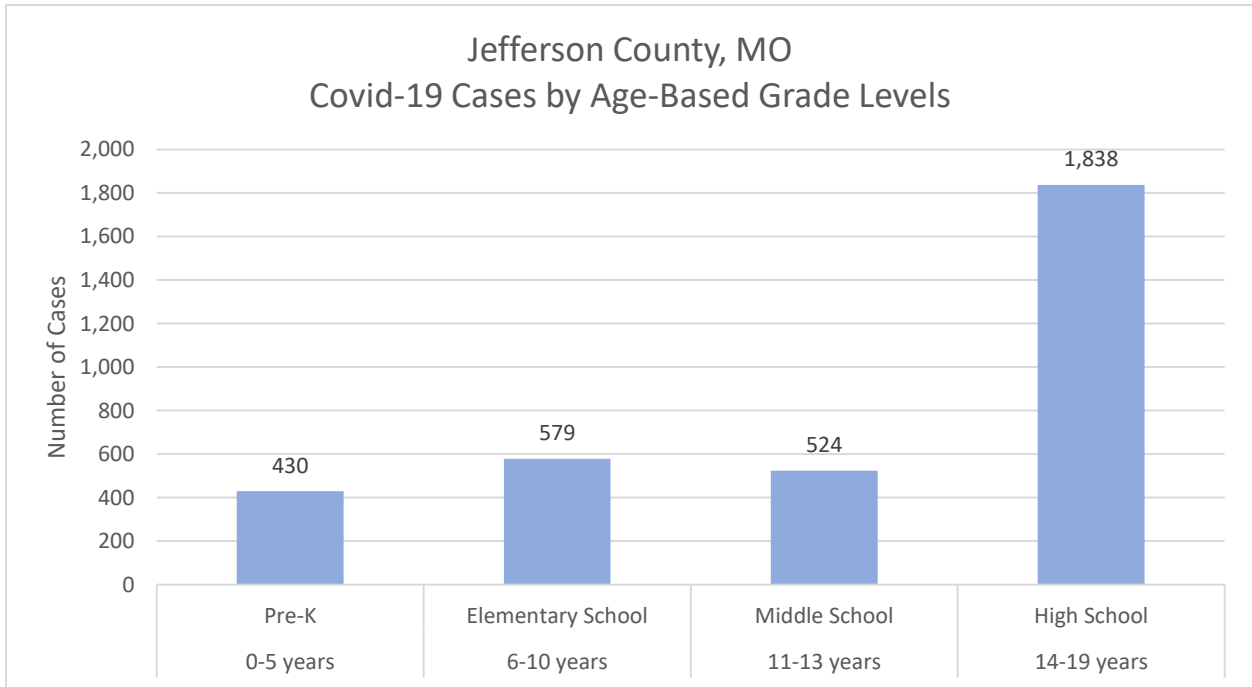


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

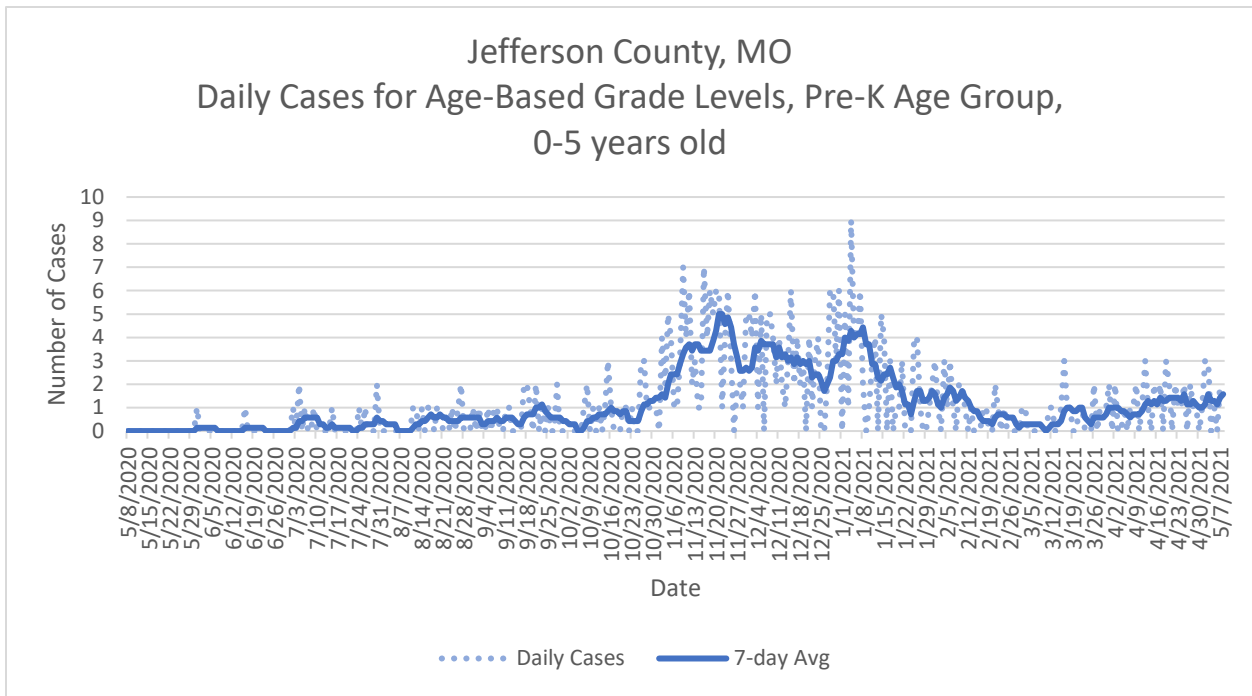


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

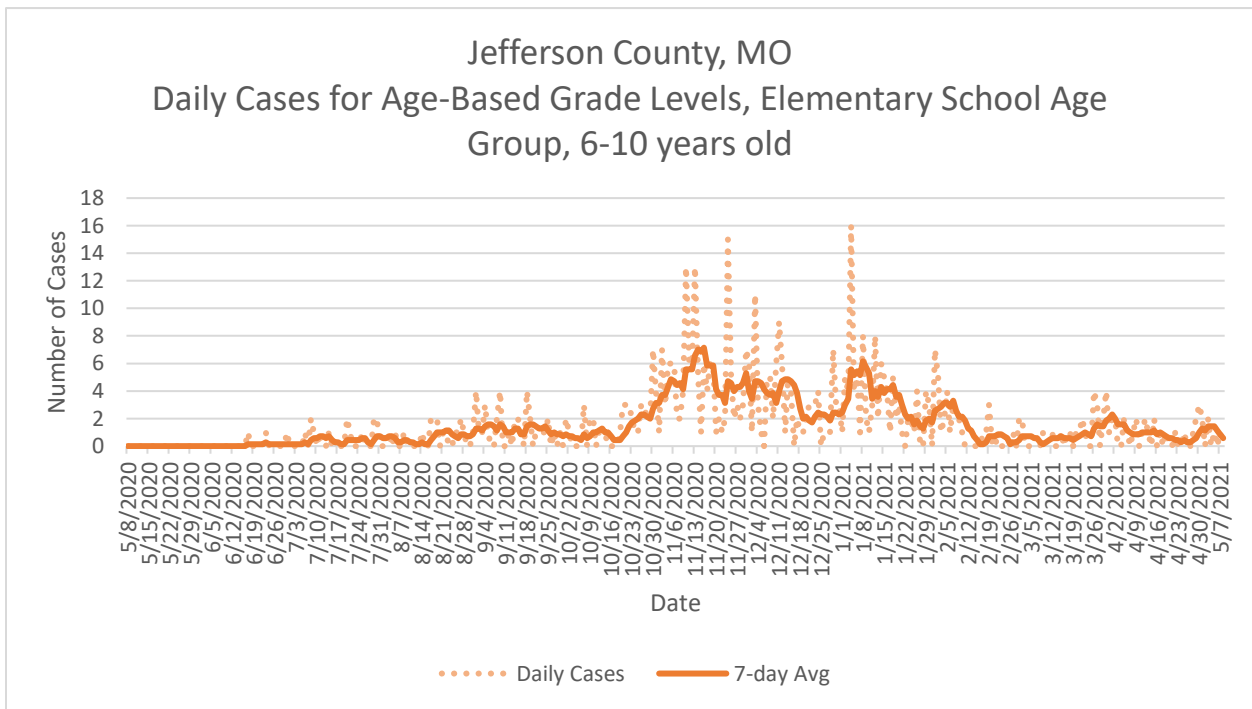


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

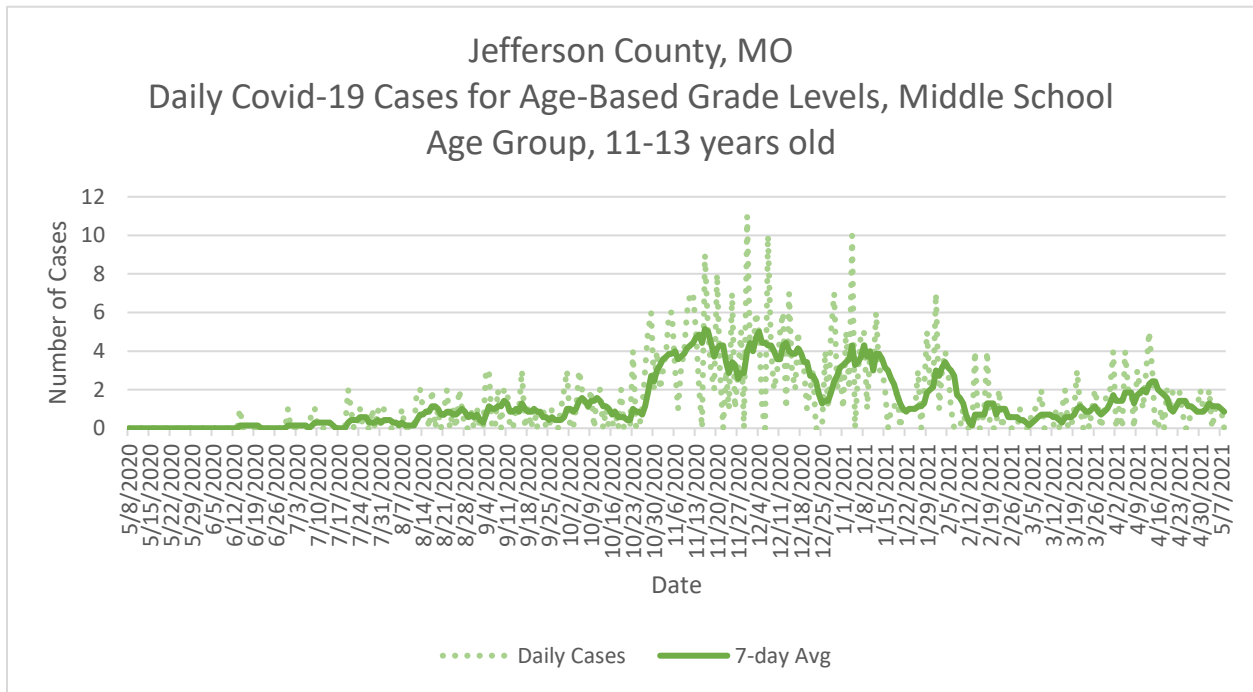


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

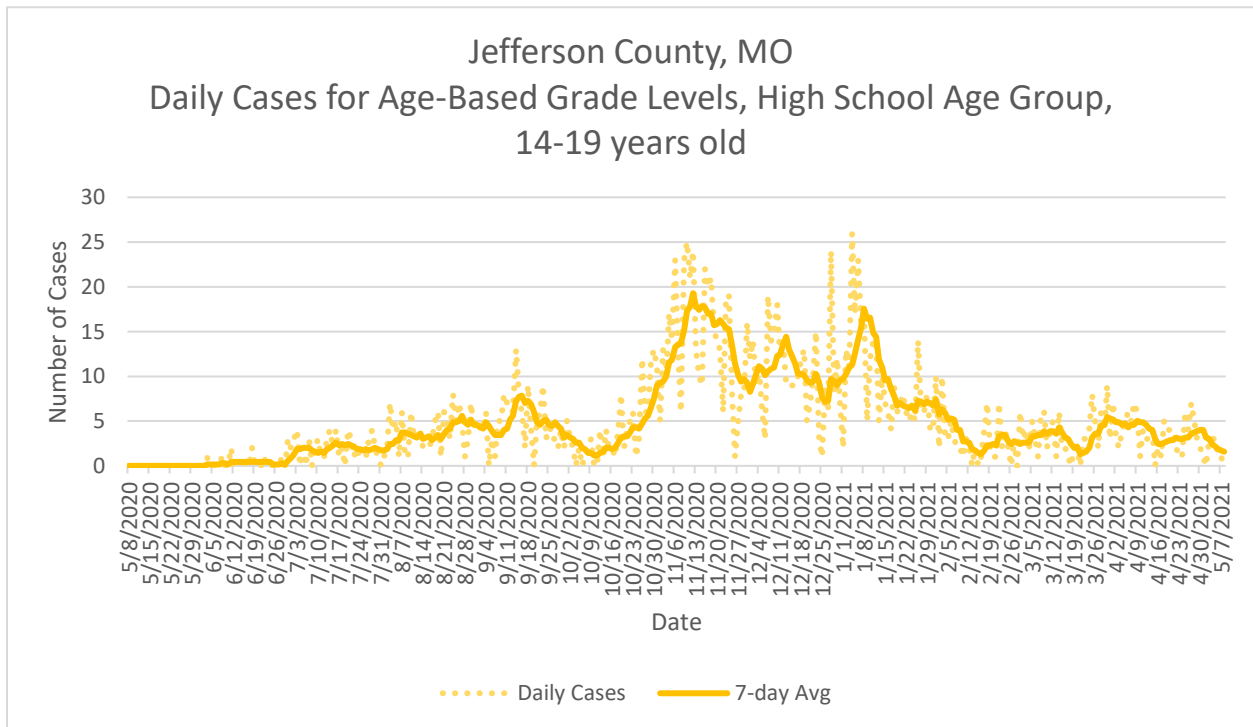


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

