



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 20: May 16- May 22

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

SUMMARY:

- During Week 20 a total of 56 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 23539 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 20.
- Two hundred forty-eight Covid-19 associated deaths have been reported in Jefferson County as of Week 20.
- 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
33	8/9/2020	324	2122
34	8/16/2020	350	2472
35	8/23/2020	379	2851
36	8/30/2020	399	3250
37	9/6/2020	377	3627
38	9/13/2020	434	4061
39	9/20/2020	381	4442
40	9/27/2020	279	4721
41	10/4/2020	298	5019
42	10/11/2020	337	5356
43	10/18/2020	396	5752
44	10/25/2020	742	6494
45	11/1/2020	1275	7769
46	11/8/2020	1601	9370
47	11/15/2020	1489	10859
48	11/22/2020	1145	12004
49	11/29/2020	1261	13265
50	12/6/2020	1098	14363
51	12/13/2020	929	15292
52	12/20/2020	701	15993
53	12/27/2020	1071	17064
1	1/3/2021	1231	18295
2	1/10/2021	865	19160
3	1/17/2021	609	19769
4	1/24/2021	502	20271
5	1/31/2021	352	20623
6	2/7/2021	231	20854
7	2/14/2021	197	21051
8	2/21/2021	168	21219
9	2/28/2021	158	21377
10	3/7/2021	164	21541
11	3/14/2021	204	21745
12	3/21/2021	269	22014
13	3/28/2021	302	22316
14	4/4/2021	308	22624
15	4/11/2021	262	22886
16	4/18/2021	182	23068
17	4/25/2021	175	23243
18	5/2/2021	133	23376
19	5/9/2021	107	23483
20	5/16/2021	56	23539

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

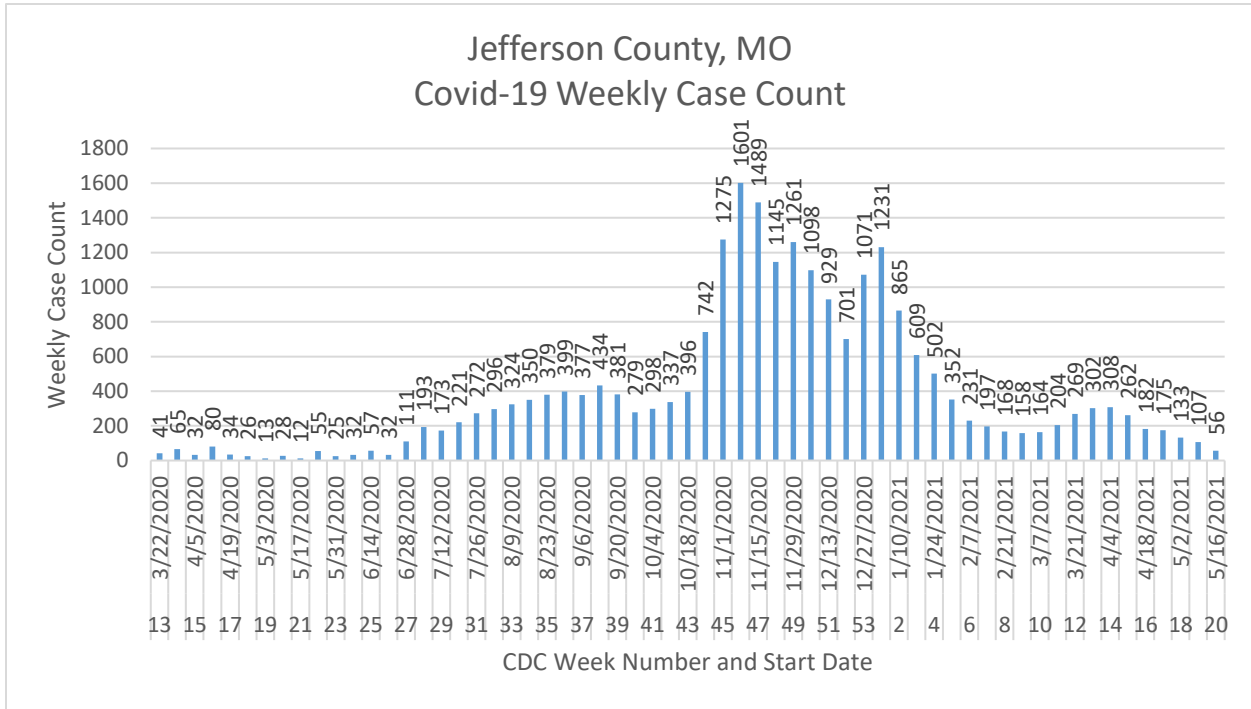


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

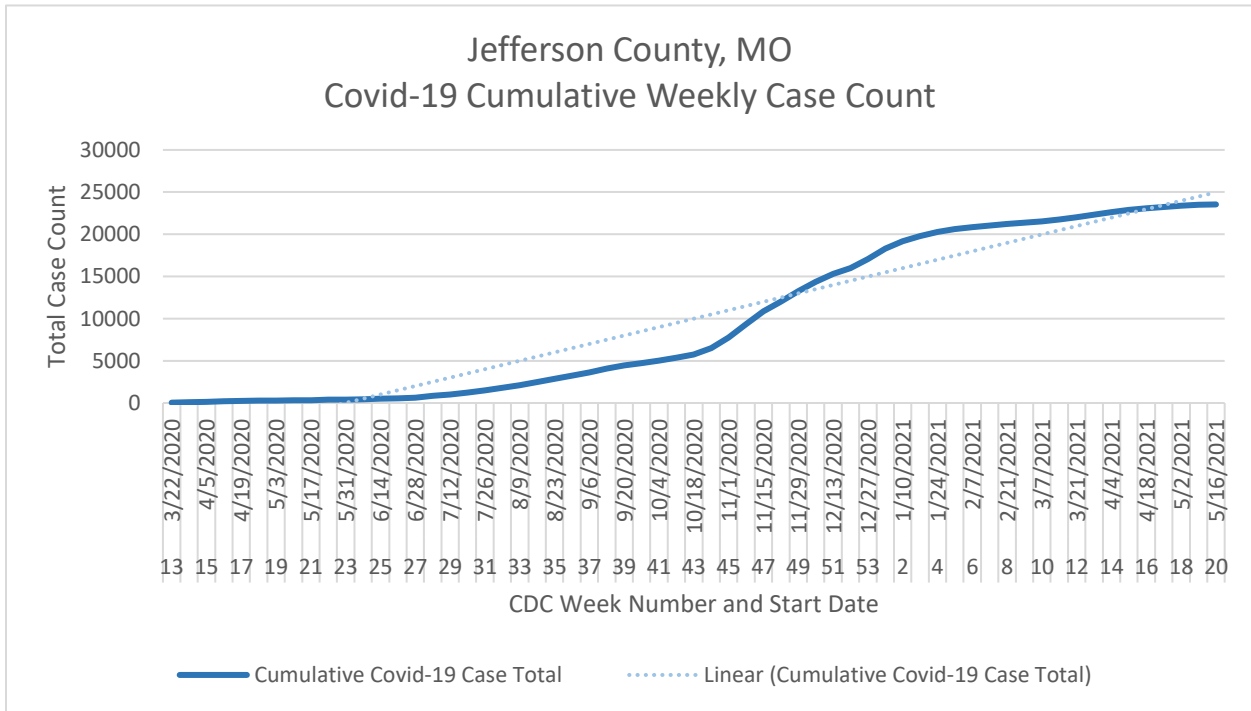


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

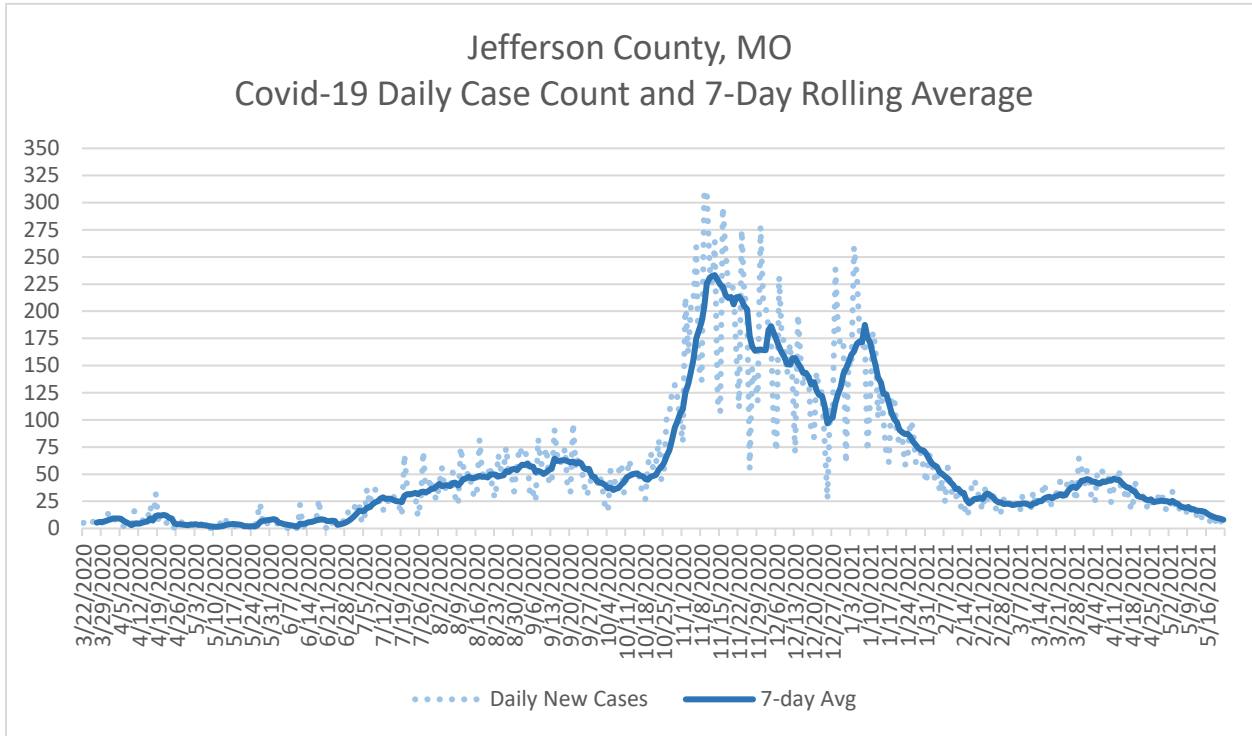


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

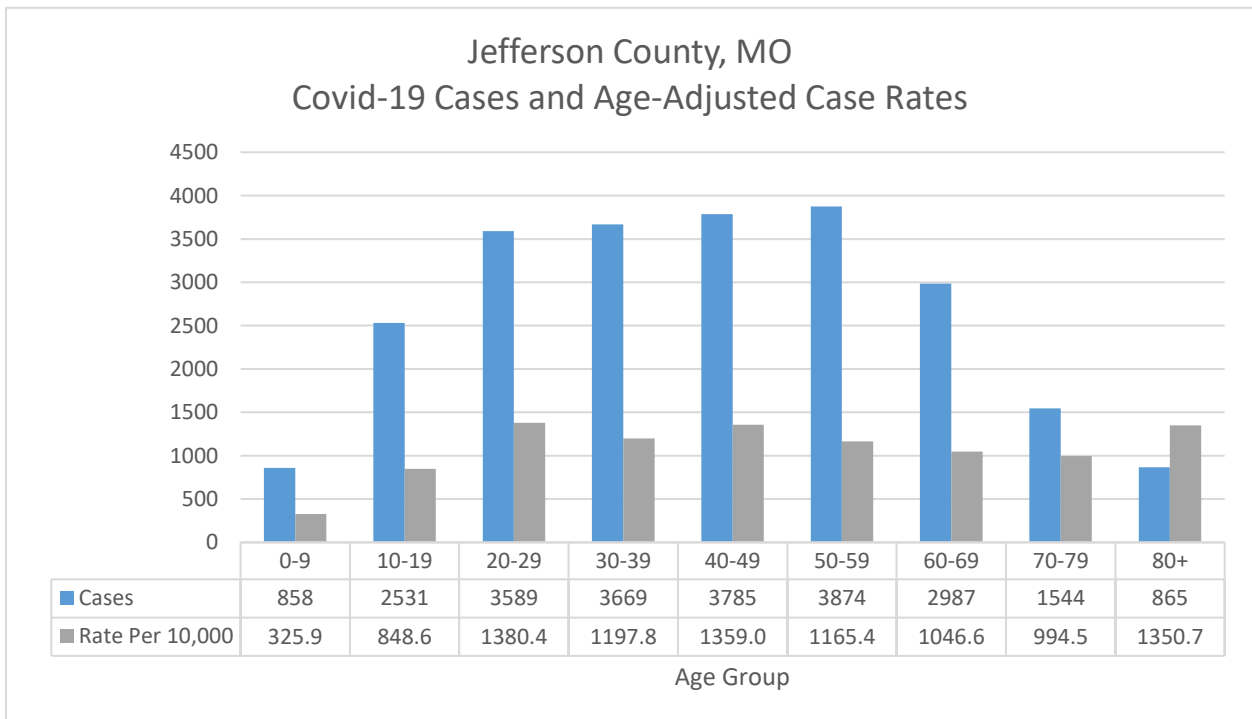


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

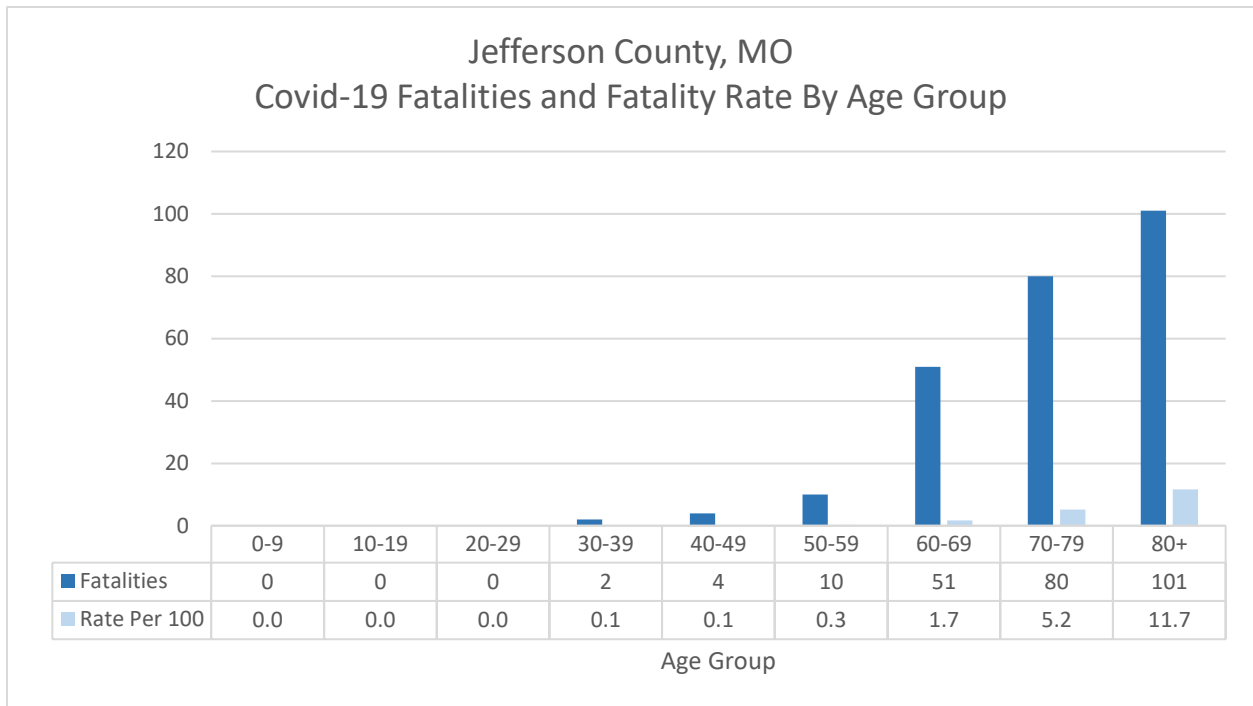


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.05%
Missouri	1.78%
US	1.78%

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

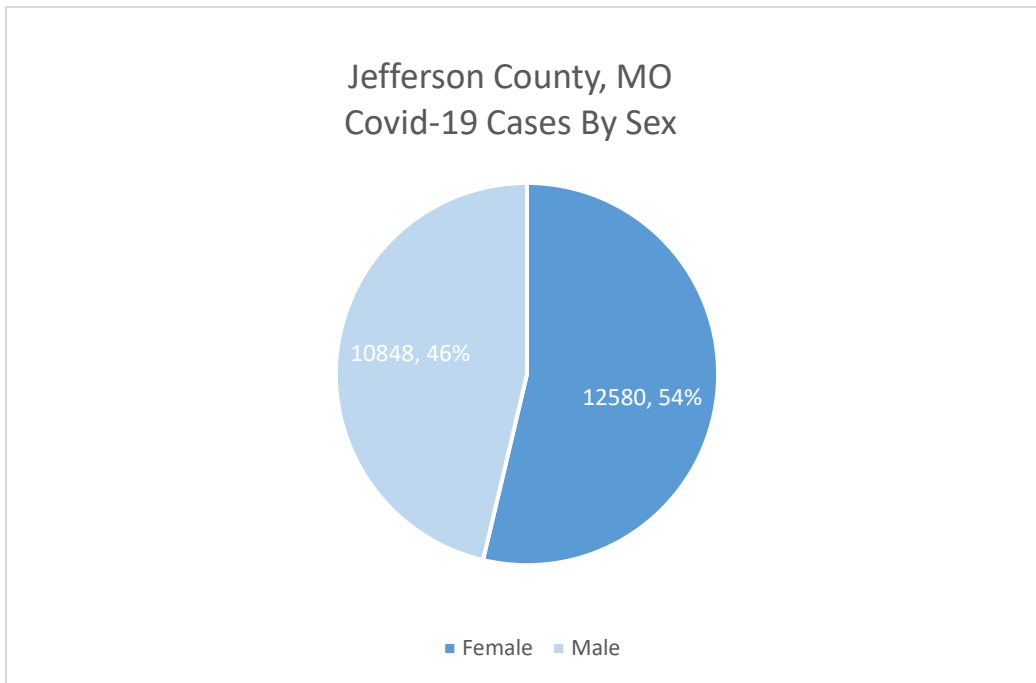


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

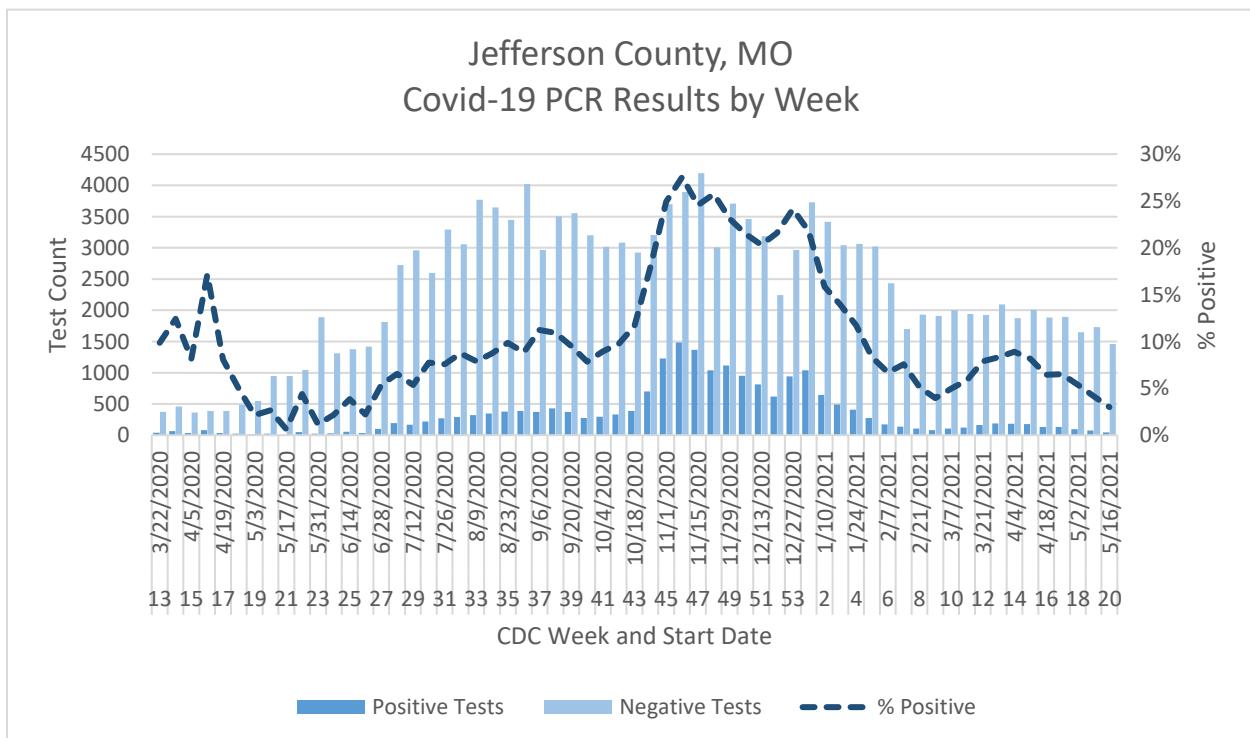


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

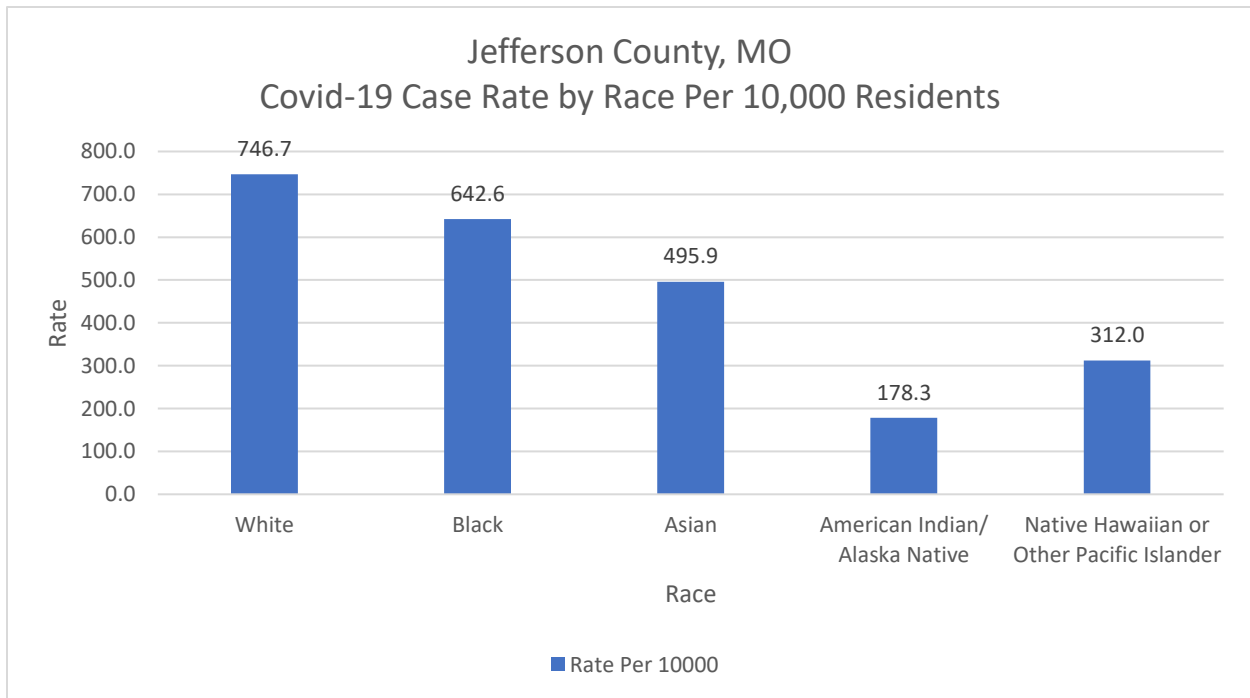
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
31	7/26/2020	270	3291	3561	7.6%
32	8/2/2020	293	3057	3350	8.7%
33	8/9/2020	323	3767	4090	7.9%
34	8/16/2020	349	3645	3994	8.7%
35	8/23/2020	377	3445	3822	9.9%
36	8/30/2020	390	4018	4408	8.8%
37	9/6/2020	375	2967	3342	11.2%
38	9/13/2020	429	3505	3934	10.9%
39	9/20/2020	374	3554	3928	9.5%
40	9/27/2020	273	3200	3473	7.9%
41	10/4/2020	296	3016	3312	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	3005	4046	25.7%
49	11/29/2020	1116	3710	4826	23.1%
50	12/6/2020	950	3464	4414	21.5%
51	12/13/2020	812	3186	3998	20.3%
52	12/20/2020	617	2243	2860	21.6%
53	12/27/2020	943	2965	3908	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	3043	3535	13.9%
4	1/24/2021	406	3064	3470	11.7%
5	1/31/2021	275	3023	3298	8.3%
6	2/7/2021	174	2434	2608	6.7%
7	2/14/2021	139	1700	1839	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	121	1943	2064	5.9%
12	3/21/2021	165	1926	2091	7.9%
13	3/28/2021	190	2095	2285	8.3%
14	4/4/2021	183	1874	2057	8.9%
15	4/11/2021	178	2009	2187	8.1%
16	4/18/2021	130	1883	2013	6.5%
17	4/25/2021	132	1894	2026	6.5%
18	5/2/2021	94	1646	1740	5.4%
19	5/9/2021	75	1730	1805	4.2%
20	5/16/2021	45	1461	1506	3.0%

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

Race	Cases	Rate Per 10000
White	16099	746.7
Black	173	642.6
Asian	89	495.9
American Indian/ Alaska Native	12	178.3
Native Hawaiian or Other Pacific Islander	7	312.0
Unknown	3111	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

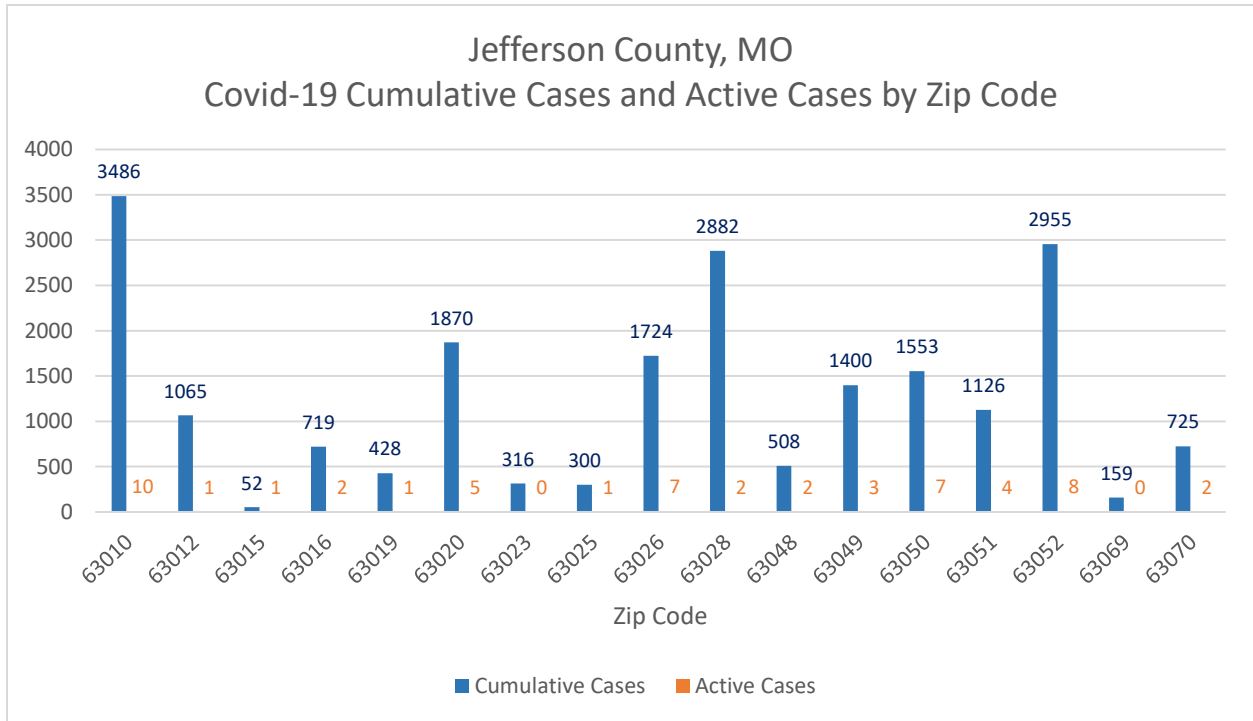
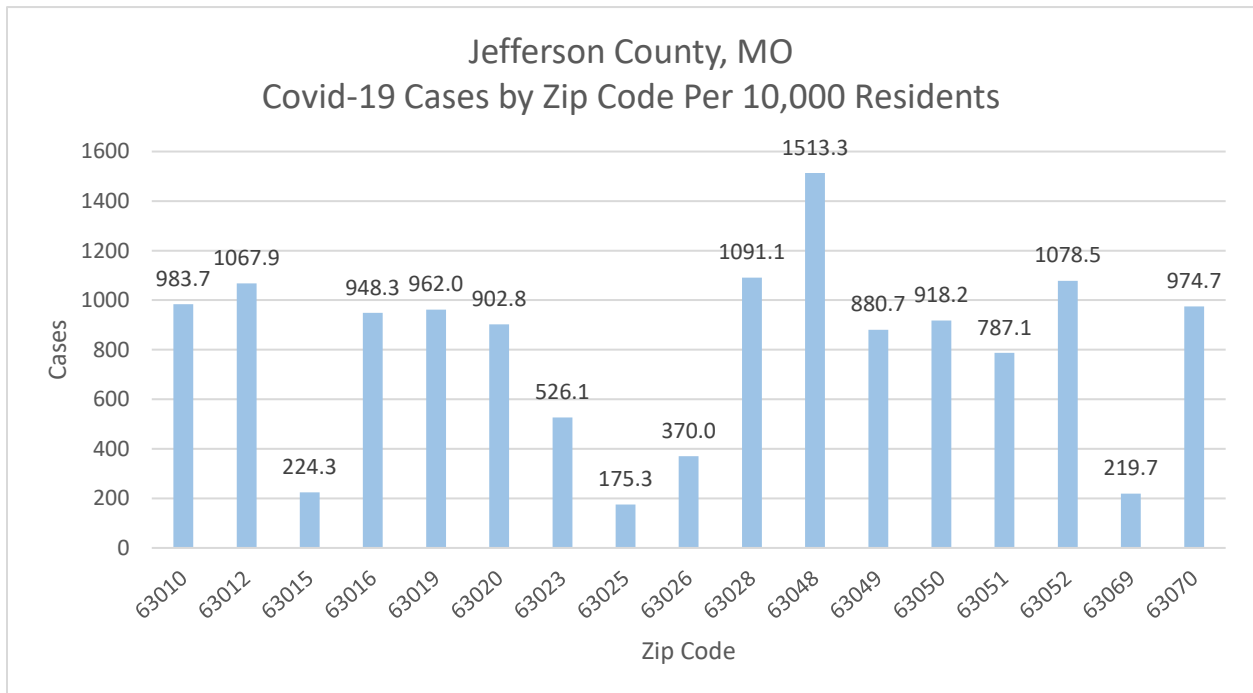


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 20: May 16- May 22

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

SUMMARY:

- During Week 20 a total of 12 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3337 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
35	8/23/2020	45	265
36	8/30/2020	53	318
37	9/6/2020	52	370
38	9/13/2020	70	440
39	9/20/2020	45	485
40	9/27/2020	34	519
41	10/4/2020	29	548
42	10/11/2020	29	577
43	10/18/2020	52	629
44	10/25/2020	116	745
45	11/1/2020	166	911
46	11/8/2020	230	1141
47	11/15/2020	205	1346
48	11/22/2020	134	1480
49	11/29/2020	166	1646
50	12/6/2020	179	1825
51	12/13/2020	130	1955
52	12/20/2020	88	2043
53	12/27/2020	143	2186
1	1/3/2021	207	2393
2	1/10/2021	135	2528
3	1/17/2021	72	2600
4	1/24/2021	87	2687
5	1/31/2021	91	2778
6	2/7/2021	29	2807
7	2/14/2021	33	2840
8	2/21/2021	29	2869
9	2/28/2021	32	2901
10	3/7/2021	35	2936
11	3/14/2021	32	2968
12	3/21/2021	46	3014
13	3/28/2021	62	3076
14	4/4/2021	55	3131
15	4/11/2021	47	3178
16	4/18/2021	42	3220
17	4/25/2021	50	3270
18	5/2/2021	35	3305
19	5/9/2021	20	3325
20	5/16/2021	12	3337

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

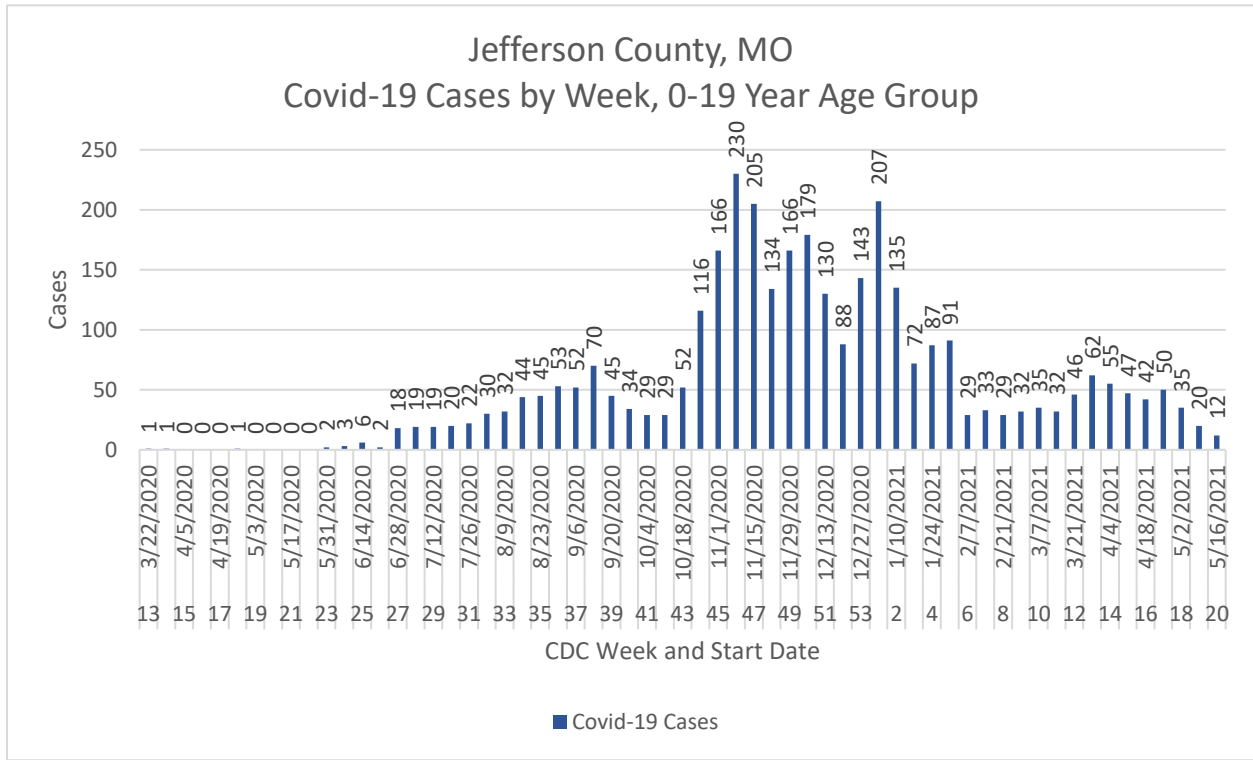


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	858	3.62%
10-19	2,531	10.68%
20+	20,313	85.70%

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

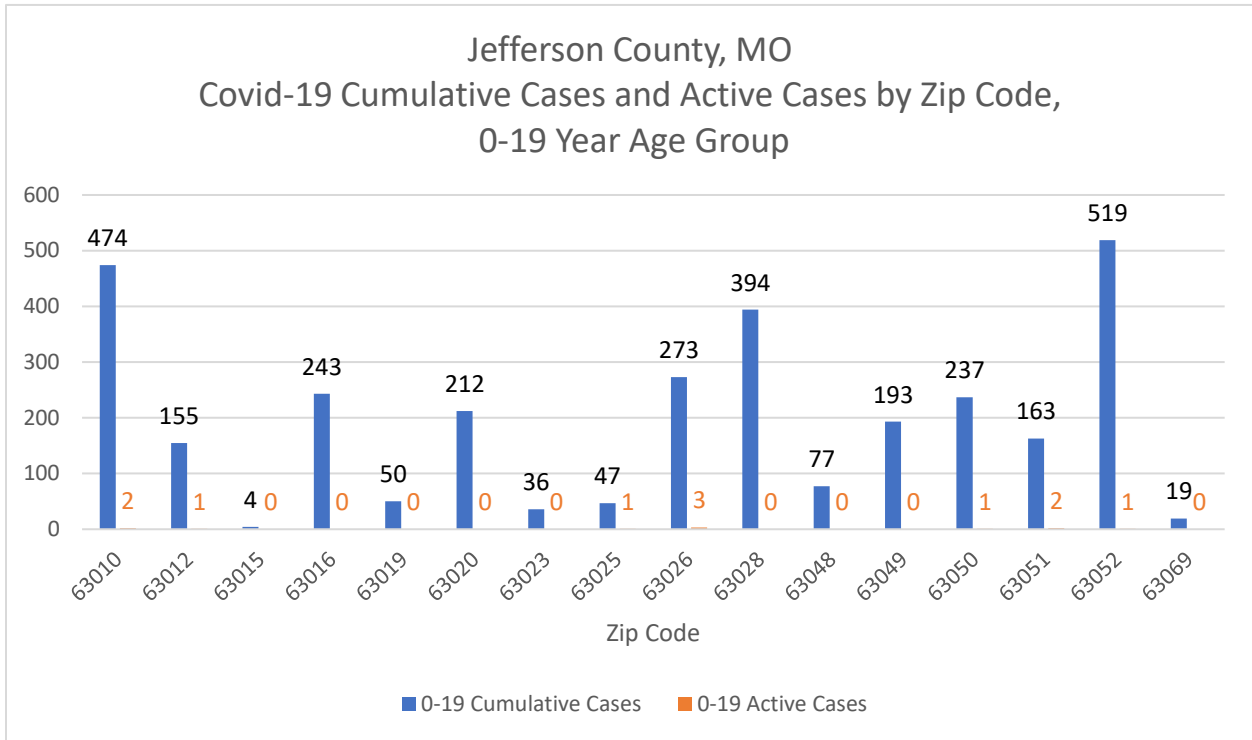


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

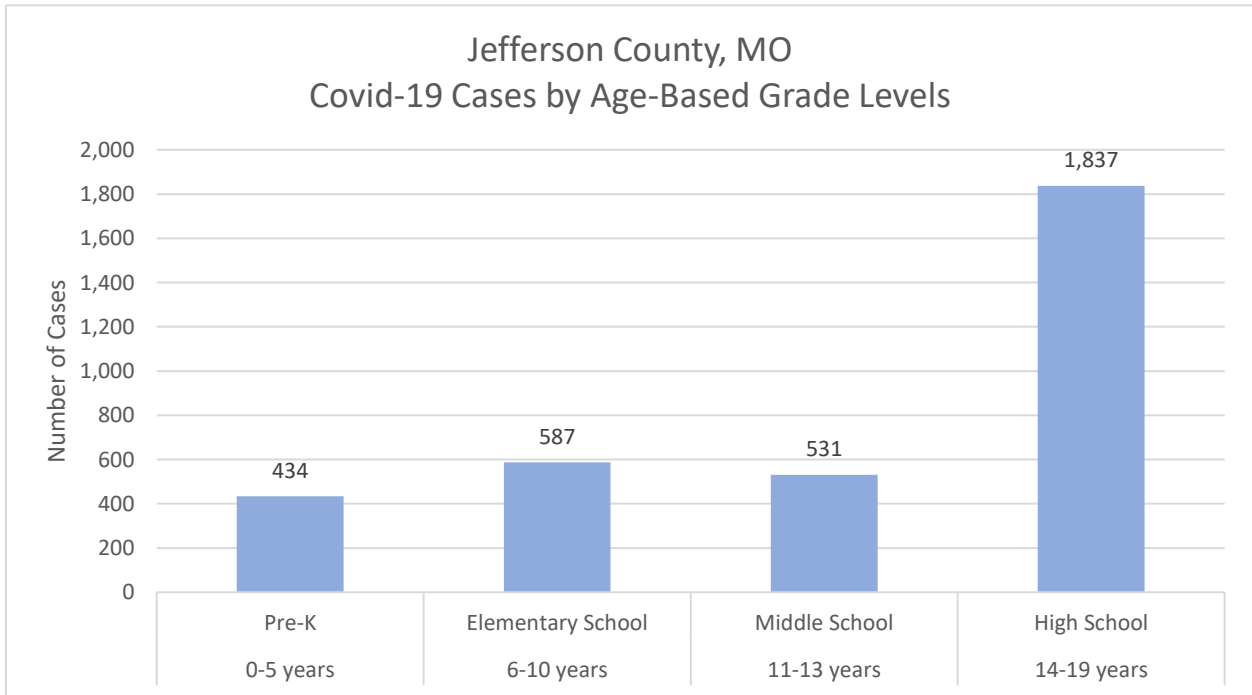


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

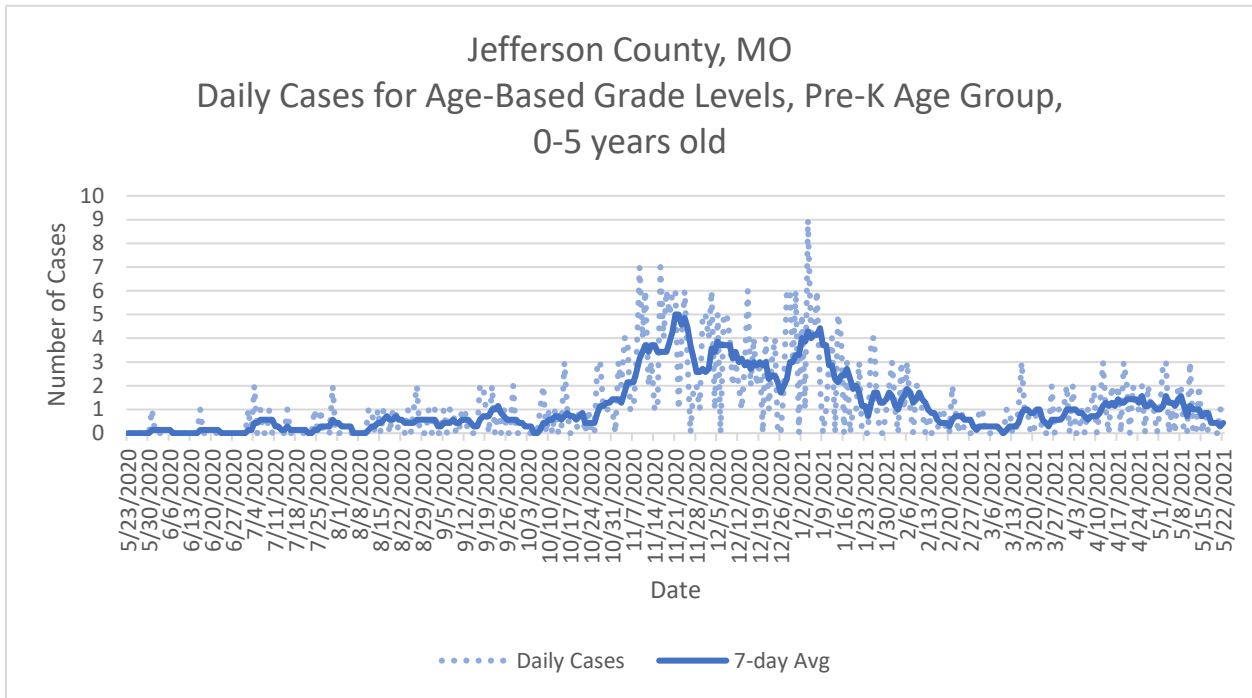


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

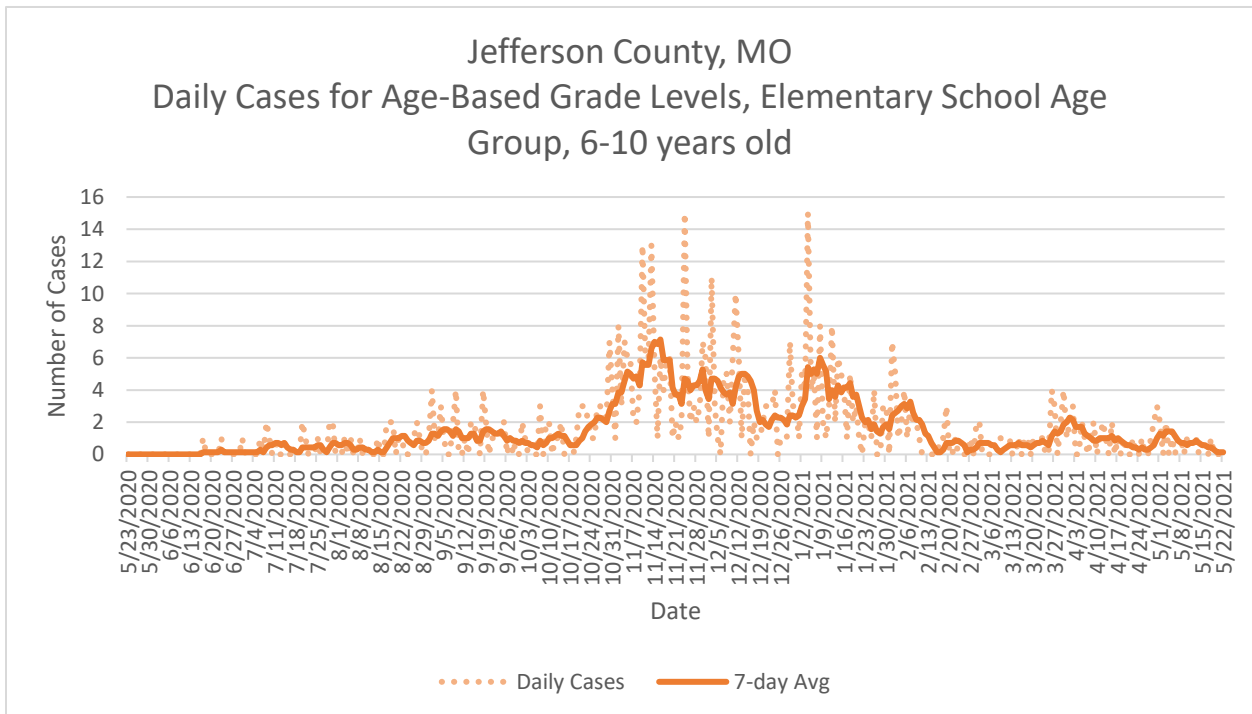


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

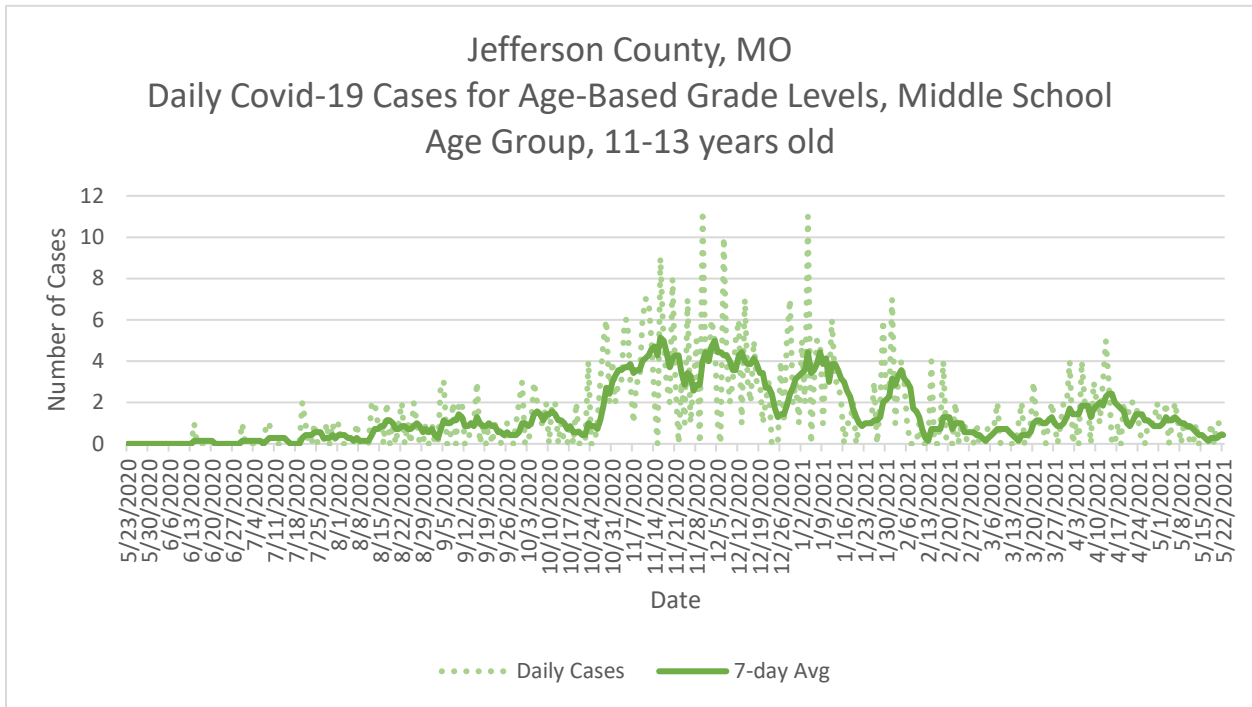


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

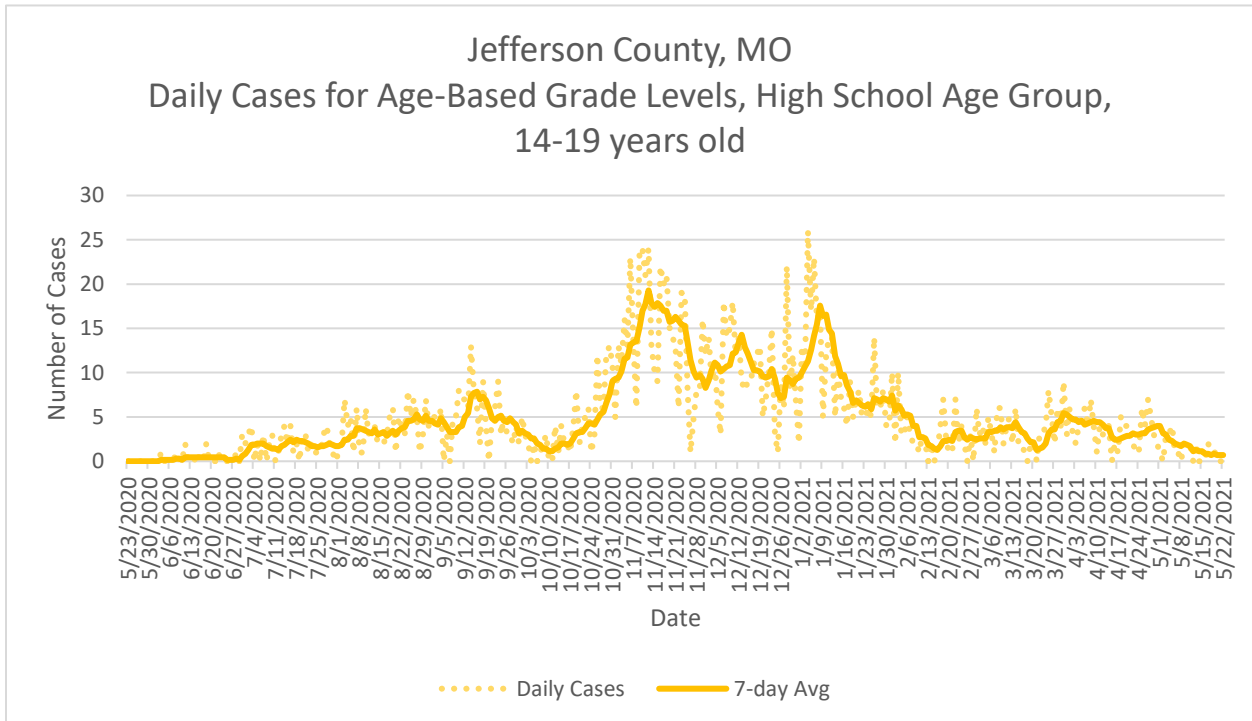


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

