



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

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

**Week 19: May 9- May 15**

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

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**SUMMARY:**

- During Week 19 a total of 20 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3334 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
34	8/16/2020	45	222
35	8/23/2020	45	267
36	8/30/2020	53	320
37	9/6/2020	53	373
38	9/13/2020	70	443
39	9/20/2020	45	488
40	9/27/2020	34	522
41	10/4/2020	29	551
42	10/11/2020	29	580
43	10/18/2020	52	632
44	10/25/2020	116	748
45	11/1/2020	166	914
46	11/8/2020	230	1144
47	11/15/2020	205	1349
48	11/22/2020	134	1483
49	11/29/2020	166	1649
50	12/6/2020	180	1829
51	12/13/2020	130	1959
52	12/20/2020	88	2047
53	12/27/2020	145	2192
1	1/3/2021	207	2399
2	1/10/2021	135	2534
3	1/17/2021	73	2607
4	1/24/2021	87	2694
5	1/31/2021	91	2785
6	2/7/2021	29	2814
7	2/14/2021	33	2847
8	2/21/2021	29	2876
9	2/28/2021	32	2908
10	3/7/2021	35	2943
11	3/14/2021	32	2975
12	3/21/2021	46	3021
13	3/28/2021	63	3084
14	4/4/2021	57	3141
15	4/11/2021	47	3188
16	4/18/2021	42	3230
17	4/25/2021	50	3280
18	5/2/2021	34	3314
19	5/9/2021	20	3334

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

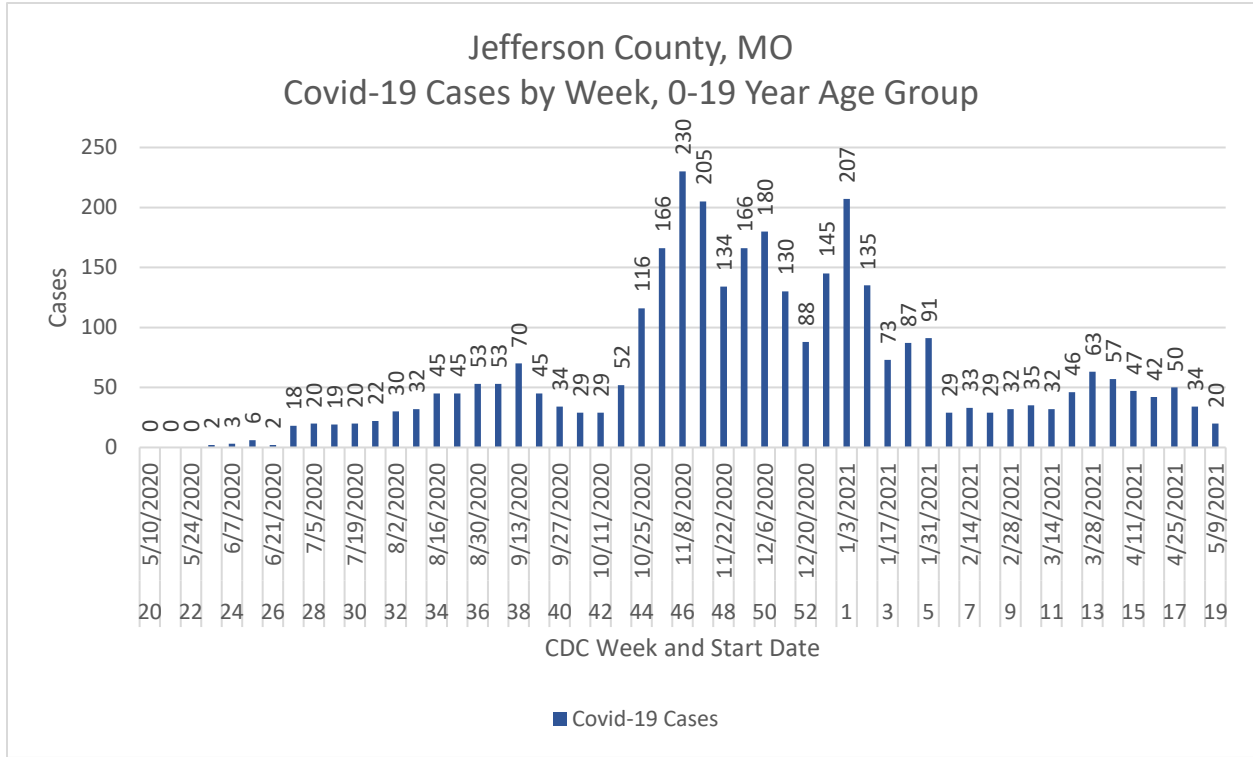


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	855	3.62%
10-19	2,531	10.71%
20+	20,249	85.67%

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

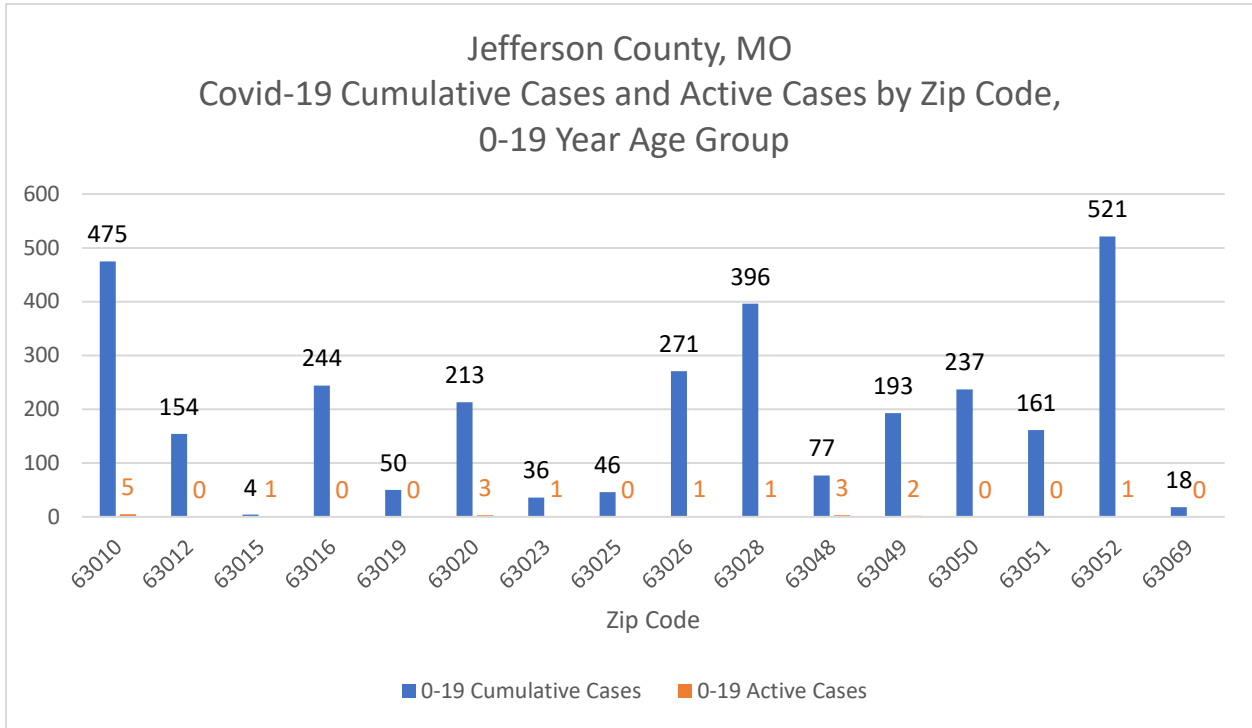


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

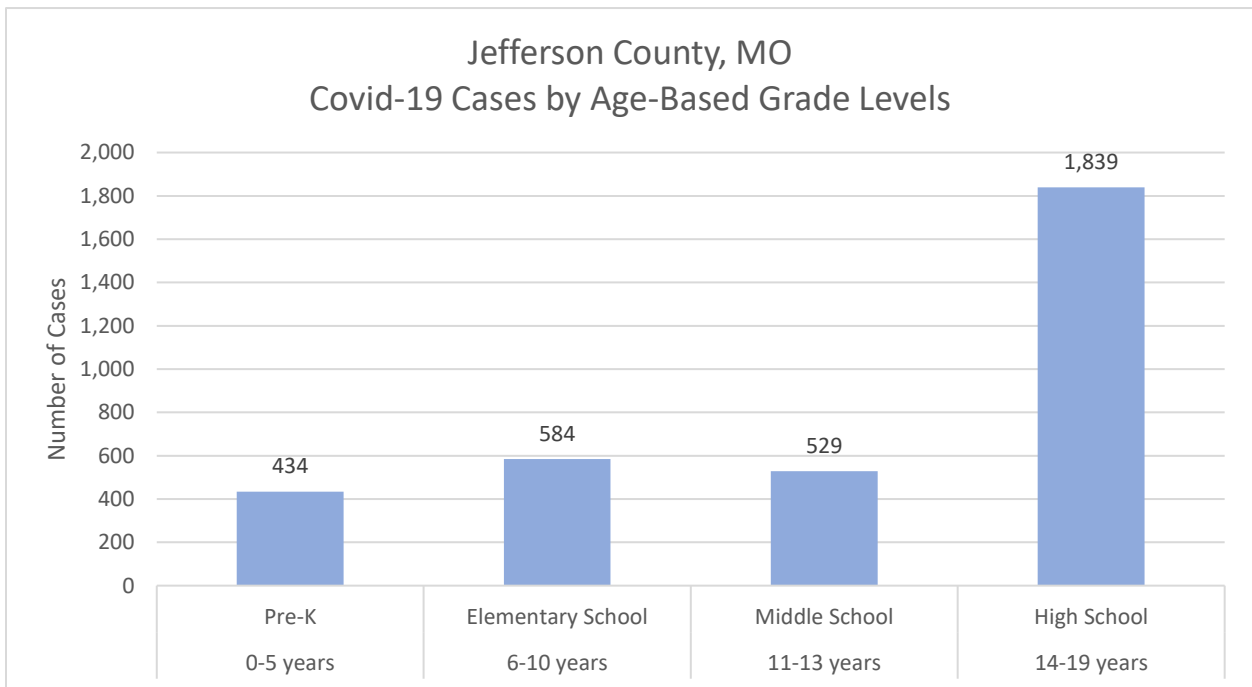


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

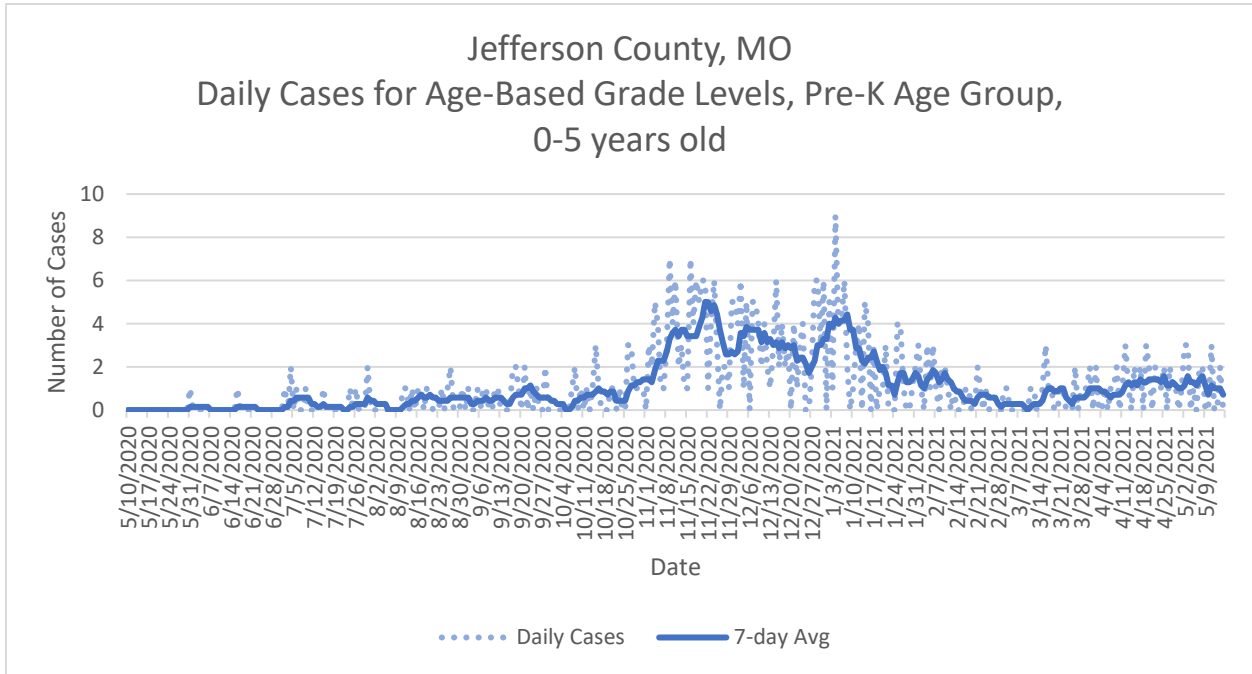


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

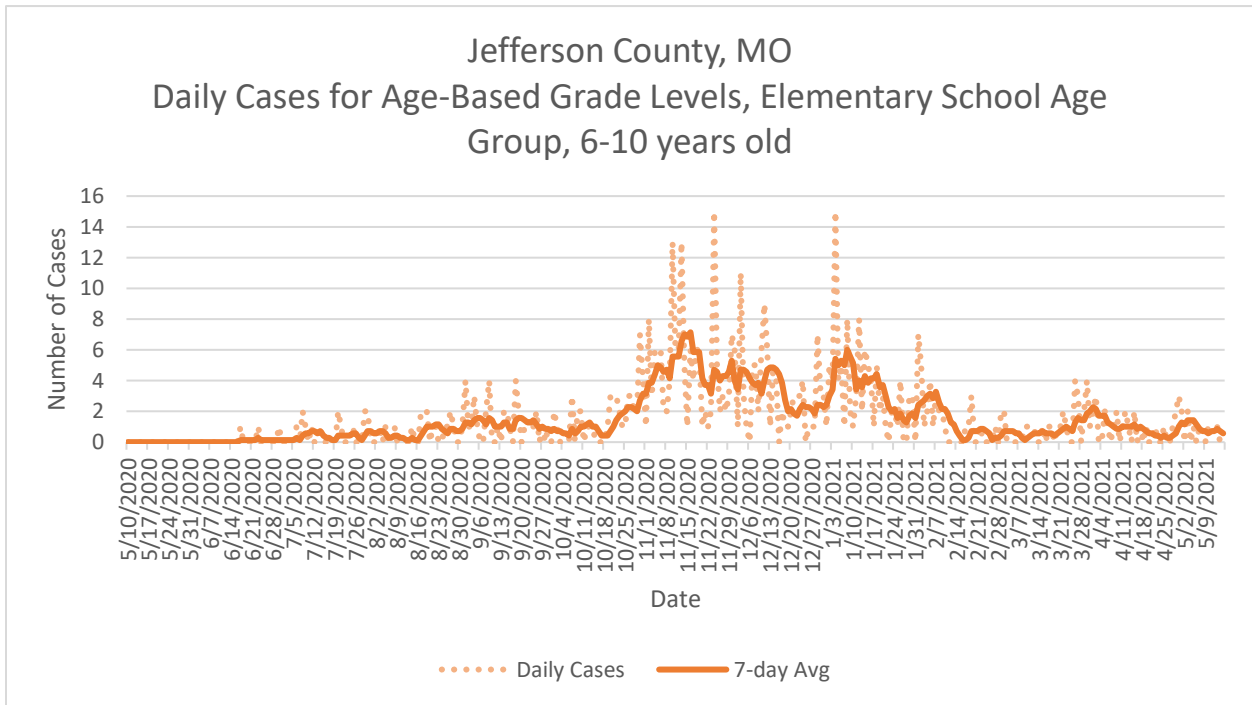


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

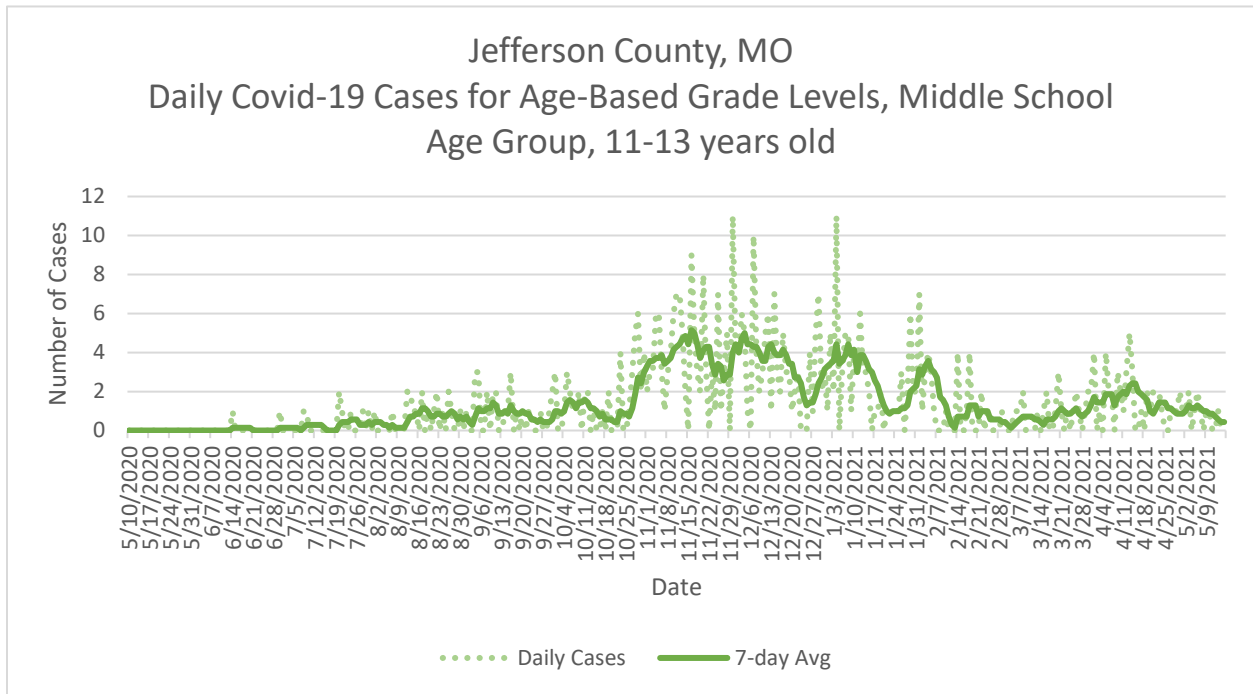


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

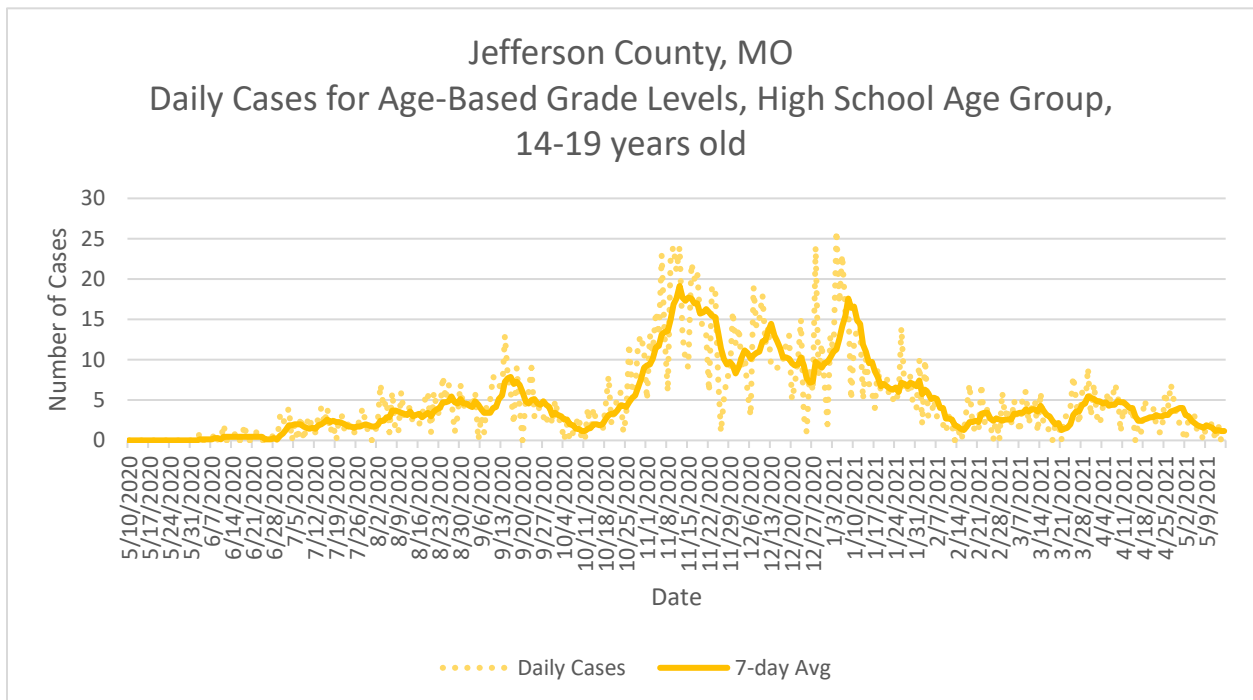
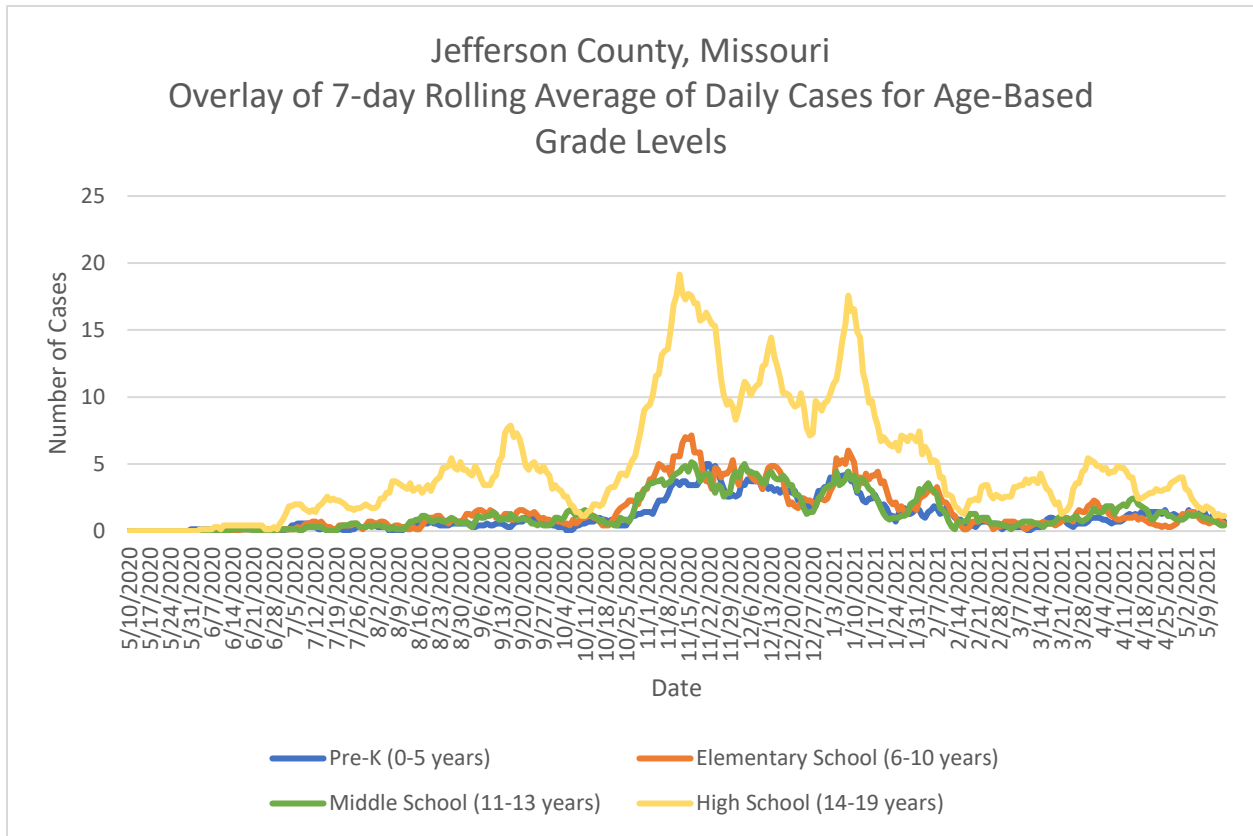


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri





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**Jefferson County, Missouri**  
**Weekly Total Covid-19 Surveillance Report**  
**Includes Community Based Cases and Long-Term Care Facility Cases**

**Week 19: May 9- May 15**

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

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**SUMMARY:**

- During Week 19 a total of 100 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 23471 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 19.
- Two hundred forty-five Covid-19 associated deaths have been reported in Jefferson County as of Week 19.
- Twenty-six outbreaks of Covid-19 have been reported in long-term care facilities (LTCF) in Jefferson County.<sup>1</sup>

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<sup>1</sup>Outbreaks 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
32	8/2/2020	296	1798
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	278	4720
41	10/4/2020	298	5018
42	10/11/2020	337	5355
43	10/18/2020	396	5751
44	10/25/2020	742	6493
45	11/1/2020	1275	7768
46	11/8/2020	1601	9369
47	11/15/2020	1489	10858
48	11/22/2020	1145	12003
49	11/29/2020	1261	13264
50	12/6/2020	1098	14362
51	12/13/2020	928	15290
52	12/20/2020	701	15991
53	12/27/2020	1071	17062
1	1/3/2021	1231	18293
2	1/10/2021	865	19158
3	1/17/2021	609	19767
4	1/24/2021	502	20269
5	1/31/2021	352	20621
6	2/7/2021	230	20851
7	2/14/2021	197	21048
8	2/21/2021	168	21216
9	2/28/2021	158	21374
10	3/7/2021	164	21538
11	3/14/2021	203	21741
12	3/21/2021	269	22010
13	3/28/2021	302	22312
14	4/4/2021	308	22620
15	4/11/2021	262	22882
16	4/18/2021	182	23064
17	4/25/2021	175	23239
18	5/2/2021	132	23371
19	5/9/2021	100	23471

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

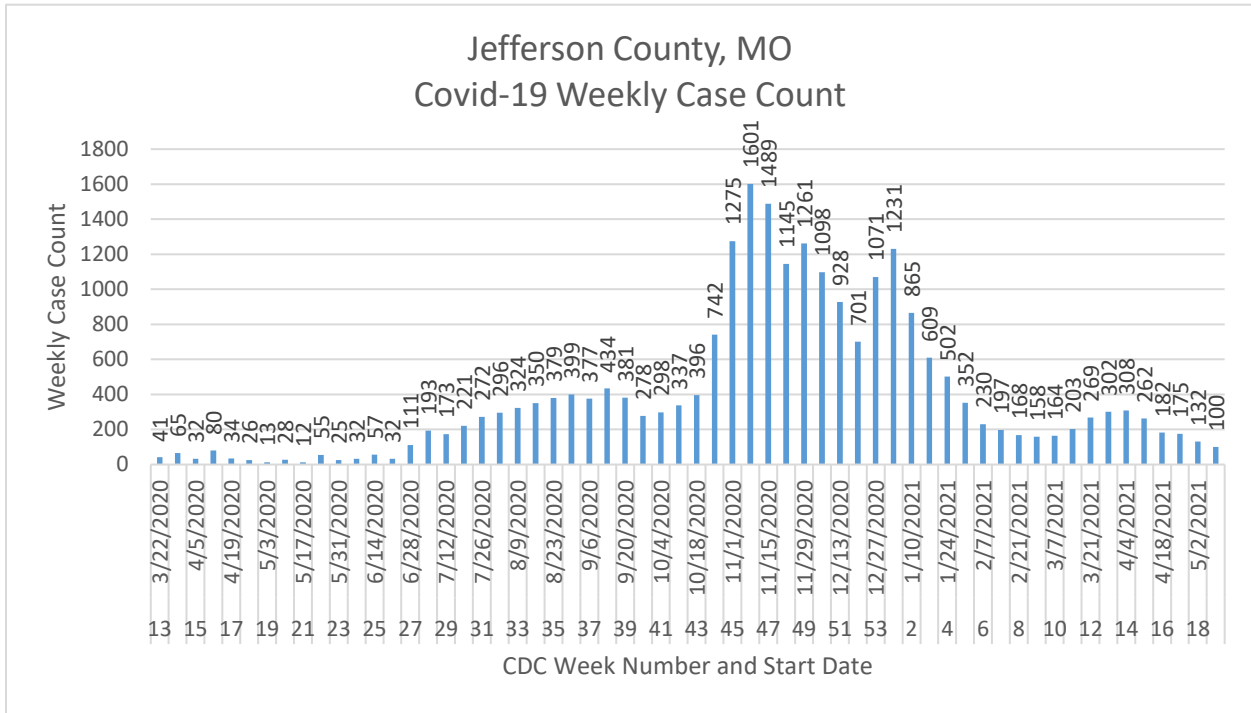


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

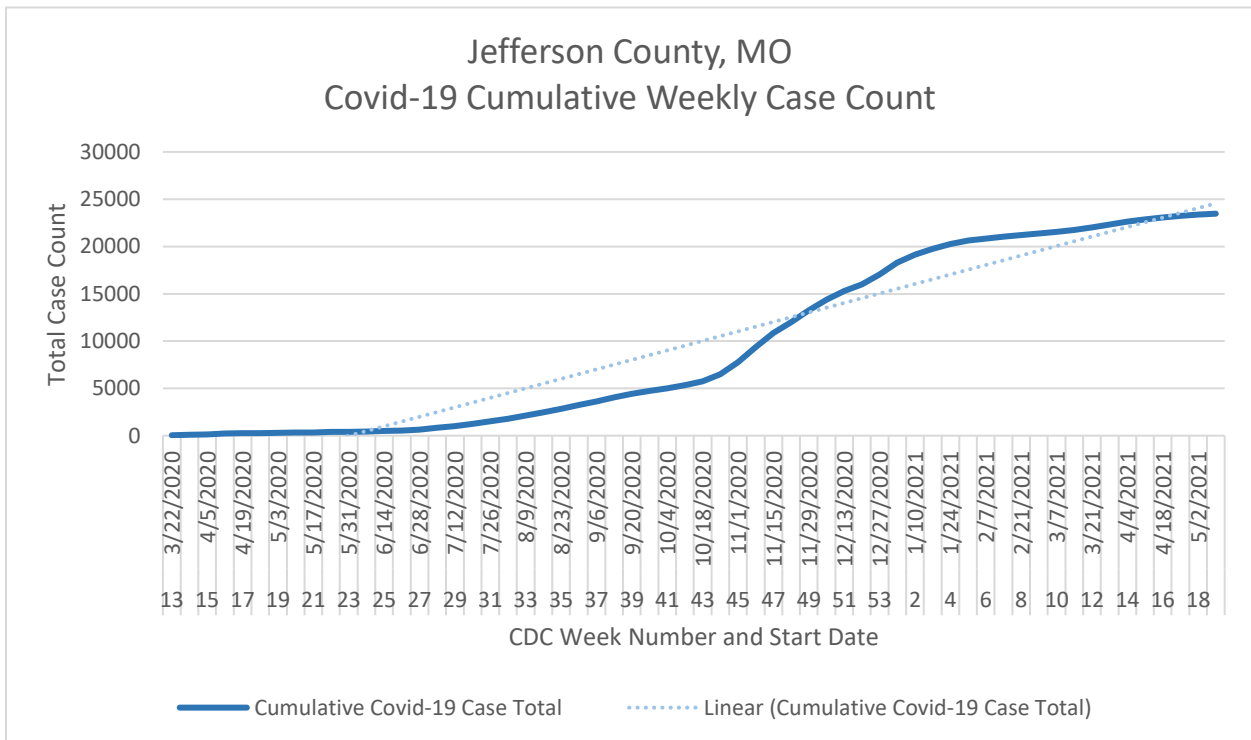


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

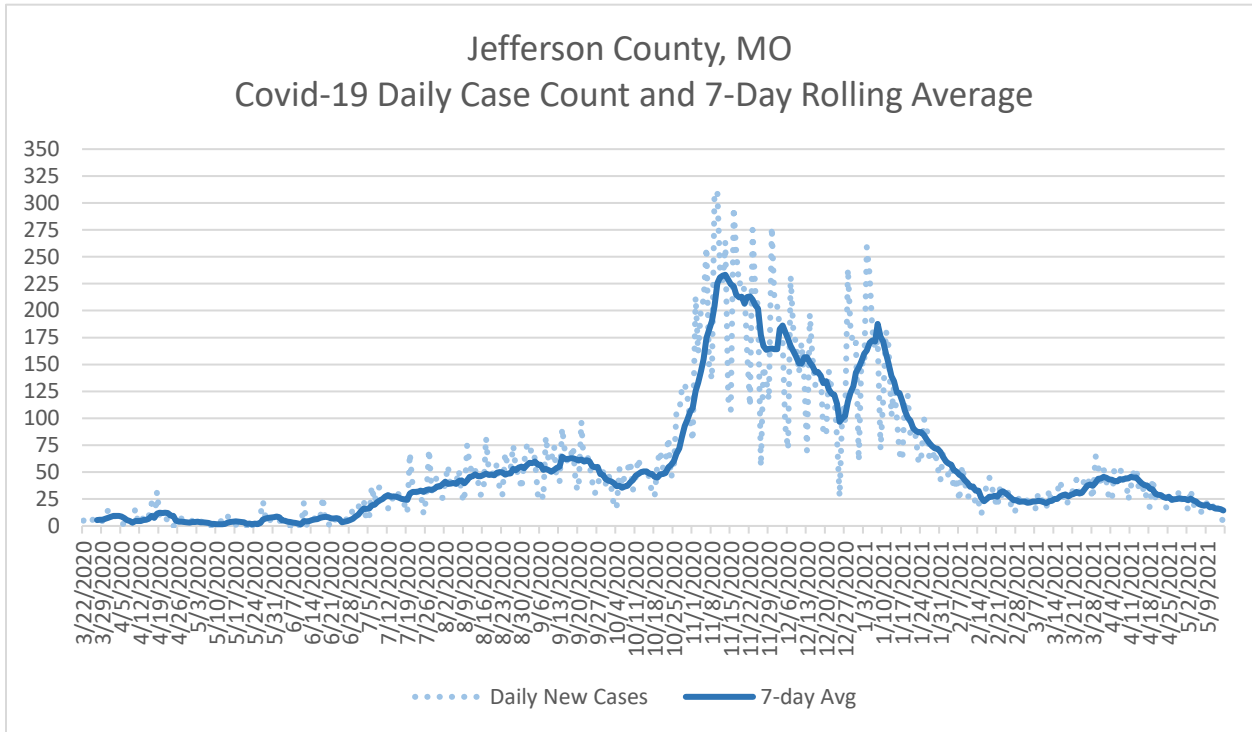


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

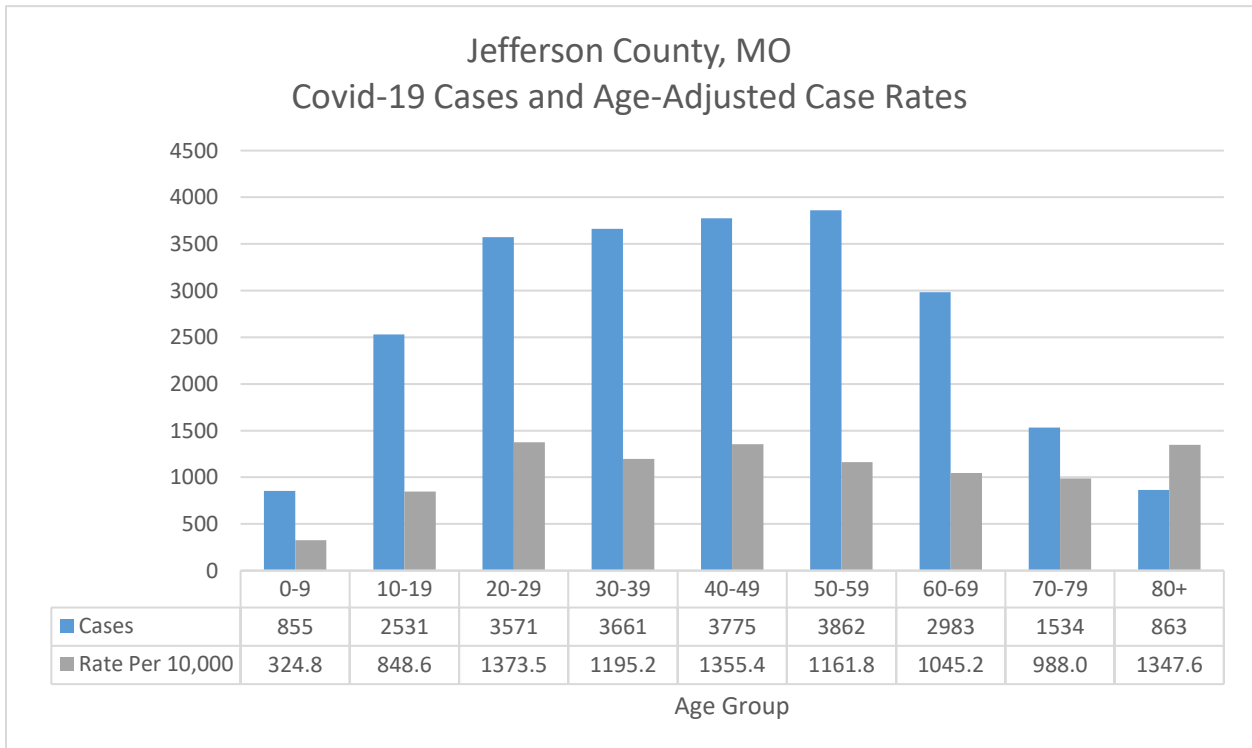


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

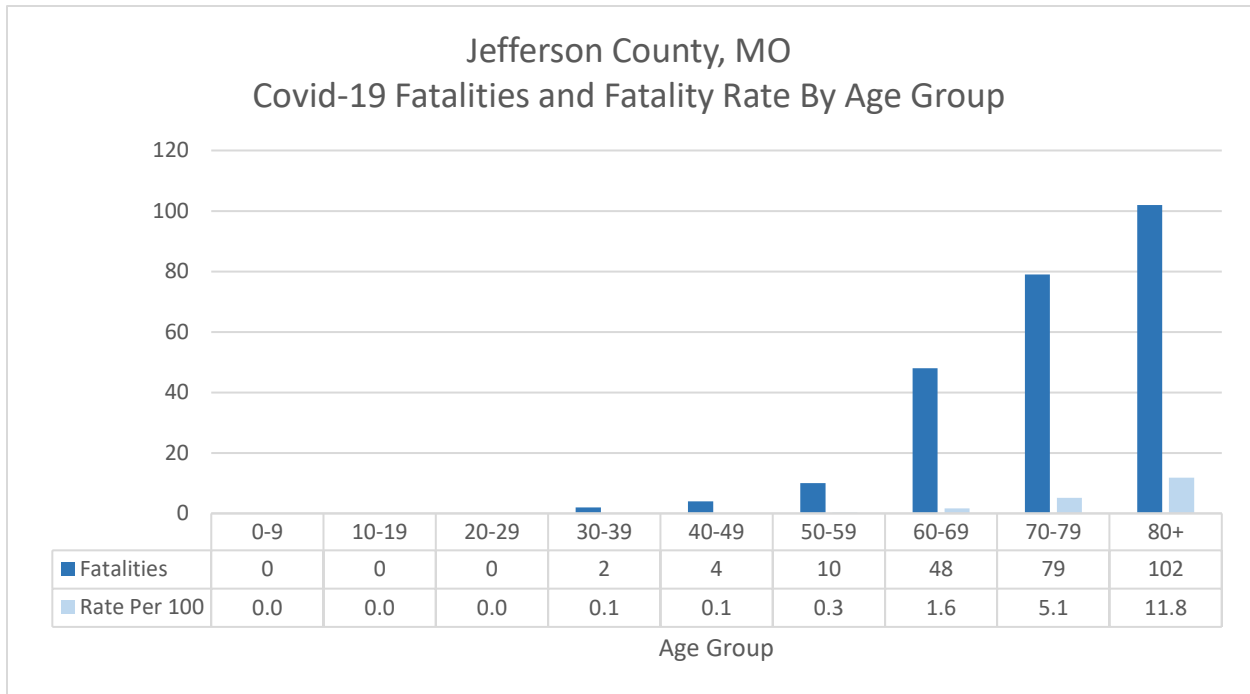


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.04%
Missouri	1.77%
US	1.78%

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

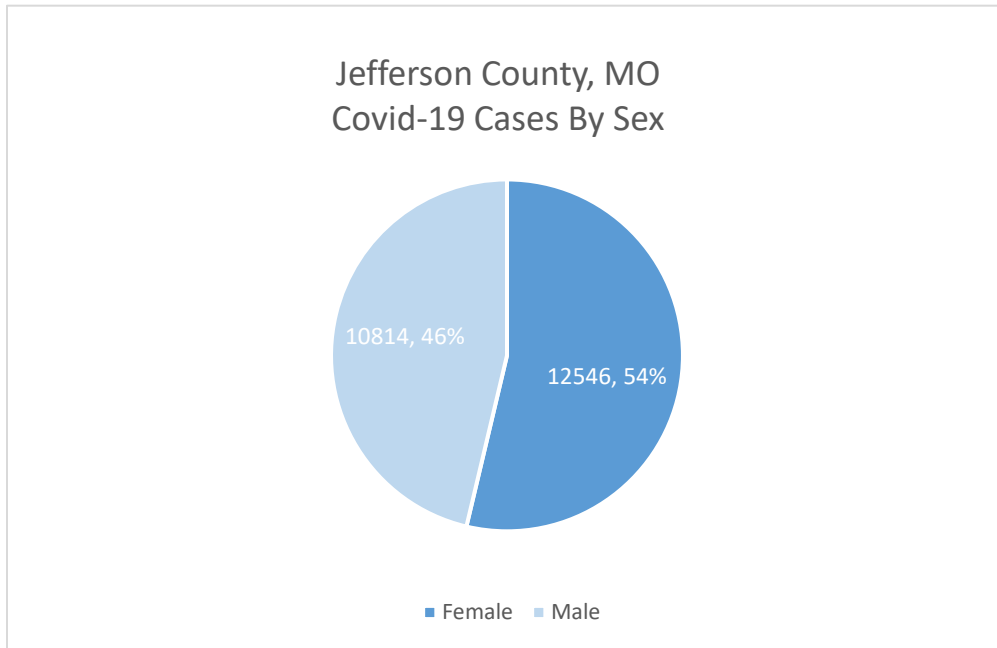


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

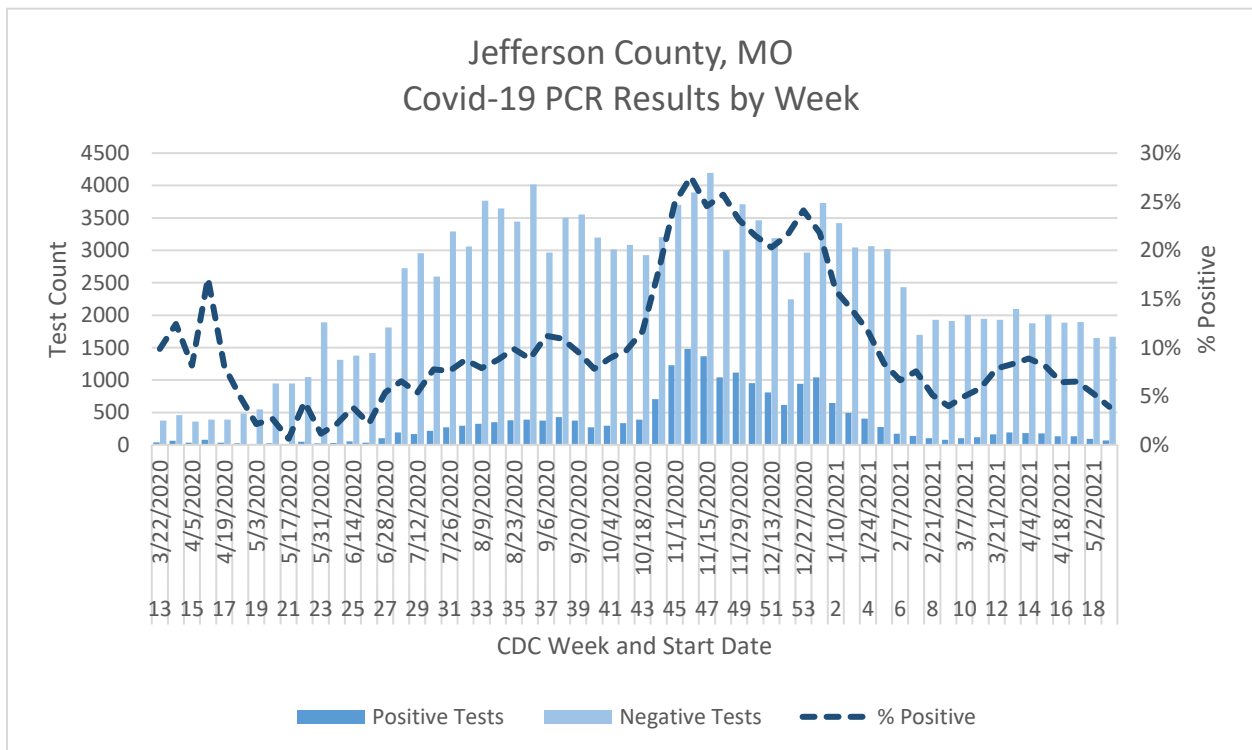


Table 3. Covid-19 PCR Test Results and Percent Positive  
by Week, Jefferson County, Missouri

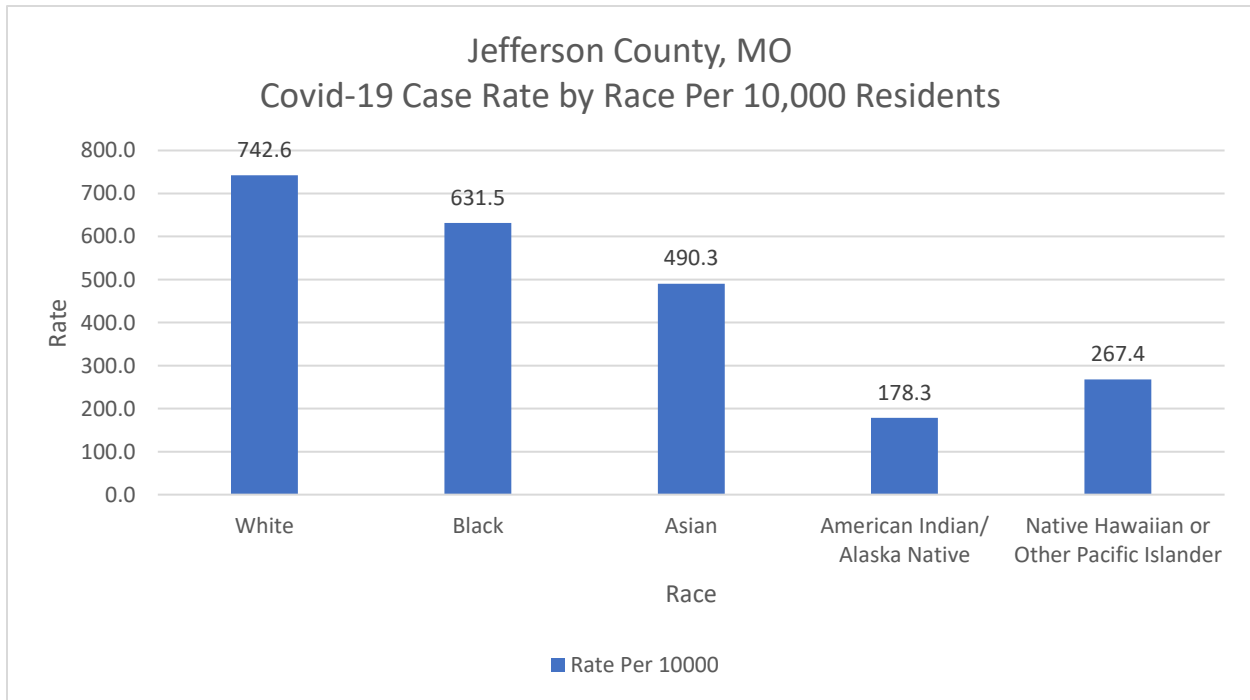
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
30	7/19/2020	218	2596	2814	7.7%
31	7/26/2020	270	3291	3561	7.6%
32	8/2/2020	293	3058	3351	8.7%
33	8/9/2020	323	3767	4090	7.9%
34	8/16/2020	349	3645	3994	8.7%
35	8/23/2020	377	3445	3822	9.9%
36	8/30/2020	390	4018	4408	8.8%
37	9/6/2020	375	2966	3341	11.2%
38	9/13/2020	429	3505	3934	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	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	811	3186	3997	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	3063	3469	11.7%
5	1/31/2021	275	3022	3297	8.3%
6	2/7/2021	173	2434	2607	6.6%
7	2/14/2021	139	1699	1838	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	132	1893	2025	6.5%
18	5/2/2021	92	1647	1739	5.3%
19	5/9/2021	68	1668	1736	3.9%

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

Race	Cases	Rate Per 10000
White	16011	742.6
Black	170	631.5
Asian	88	490.3
American Indian/ Alaska Native	12	178.3
Native Hawaiian or Other Pacific Islander	6	267.4
Unknown	3116	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

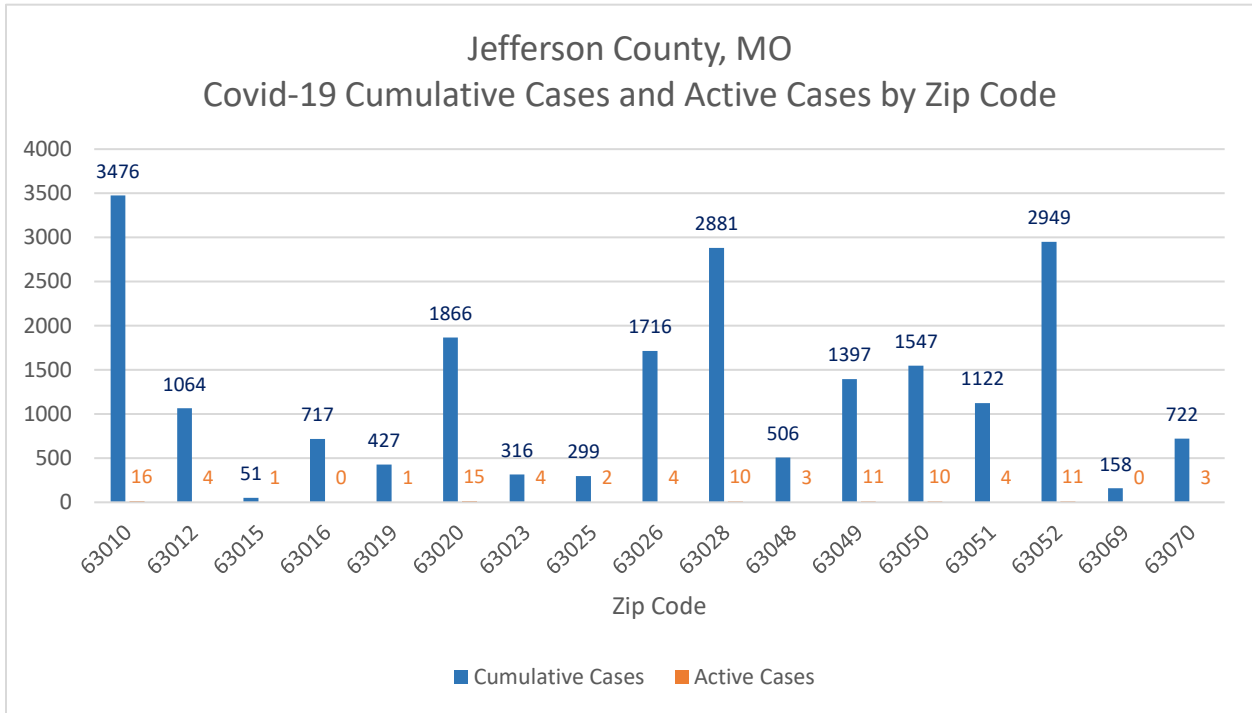


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri

