



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 33: August 15- August 21**

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

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**SUMMARY:**

- During Week 33 a total of 529 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 27030 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 33.
- Two hundred sixty-six Covid-19 associated deaths have been reported in Jefferson County as of Week 33.
- 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
46	11/8/2020	1538	8923
47	11/15/2020	1481	10404
48	11/22/2020	1139	11543
49	11/29/2020	1245	12788
50	12/6/2020	1094	13882
51	12/13/2020	941	14823
52	12/20/2020	714	15537
53	12/27/2020	1064	16601
1	1/3/2021	1225	17826
2	1/10/2021	887	18713
3	1/17/2021	631	19344
4	1/24/2021	523	19867
5	1/31/2021	377	20244
6	2/7/2021	257	20501
7	2/14/2021	211	20712
8	2/21/2021	190	20902
9	2/28/2021	171	21073
10	3/7/2021	175	21248
11	3/14/2021	210	21458
12	3/21/2021	282	21740
13	3/28/2021	315	22055
14	4/4/2021	327	22382
15	4/11/2021	268	22650
16	4/18/2021	204	22854
17	4/25/2021	184	23038
18	5/2/2021	140	23178
19	5/9/2021	114	23292
20	5/16/2021	76	23368
21	5/23/2021	61	23429
22	5/30/2021	58	23487
23	6/6/2021	59	23546
24	6/13/2021	74	23620
25	6/20/2021	88	23708
26	6/27/2021	145	23853
27	7/4/2021	182	24035
28	7/11/2021	298	24333
29	7/18/2021	403	24736
30	7/25/2021	560	25296
31	8/1/2021	584	25880
32	8/8/2021	621	26501
33	8/15/2021	529	27030

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

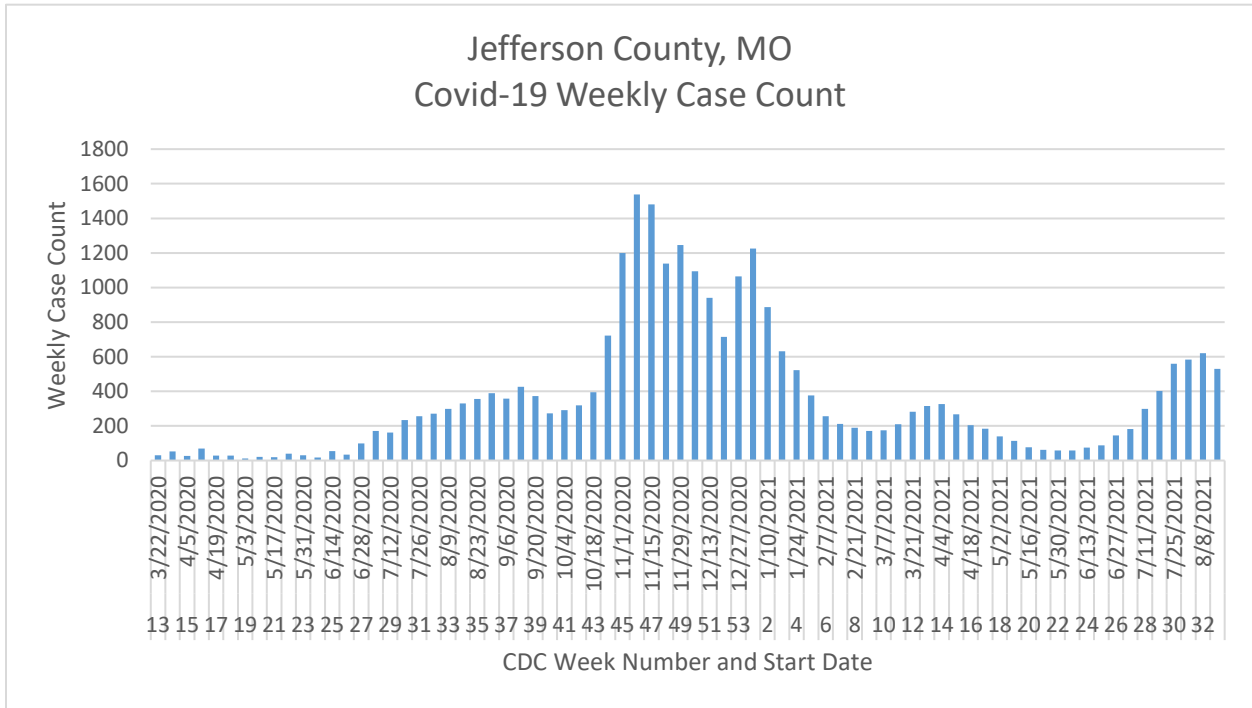


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

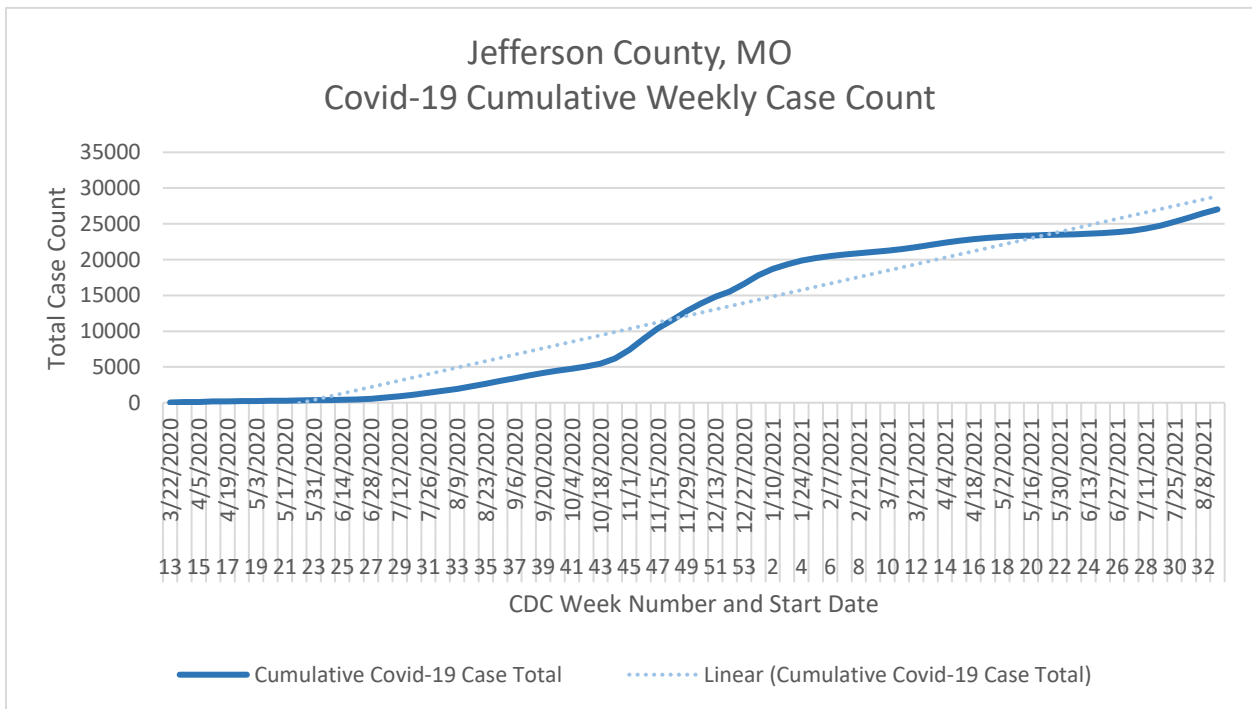


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

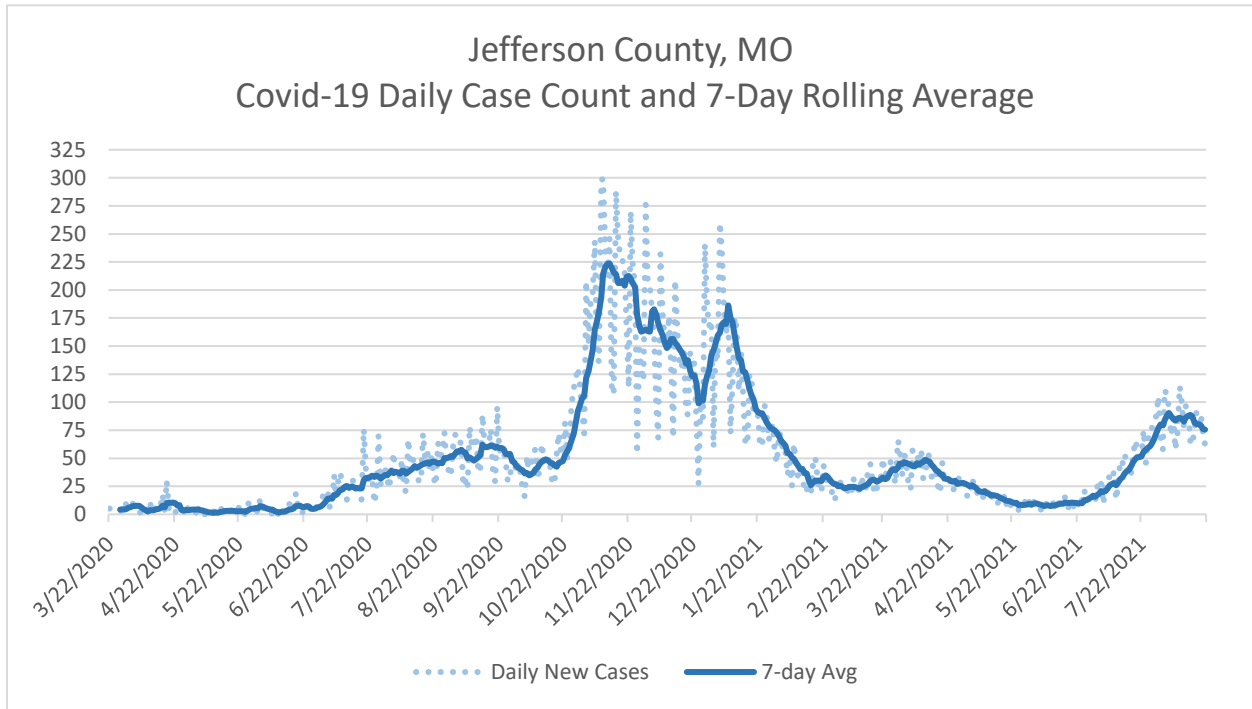


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

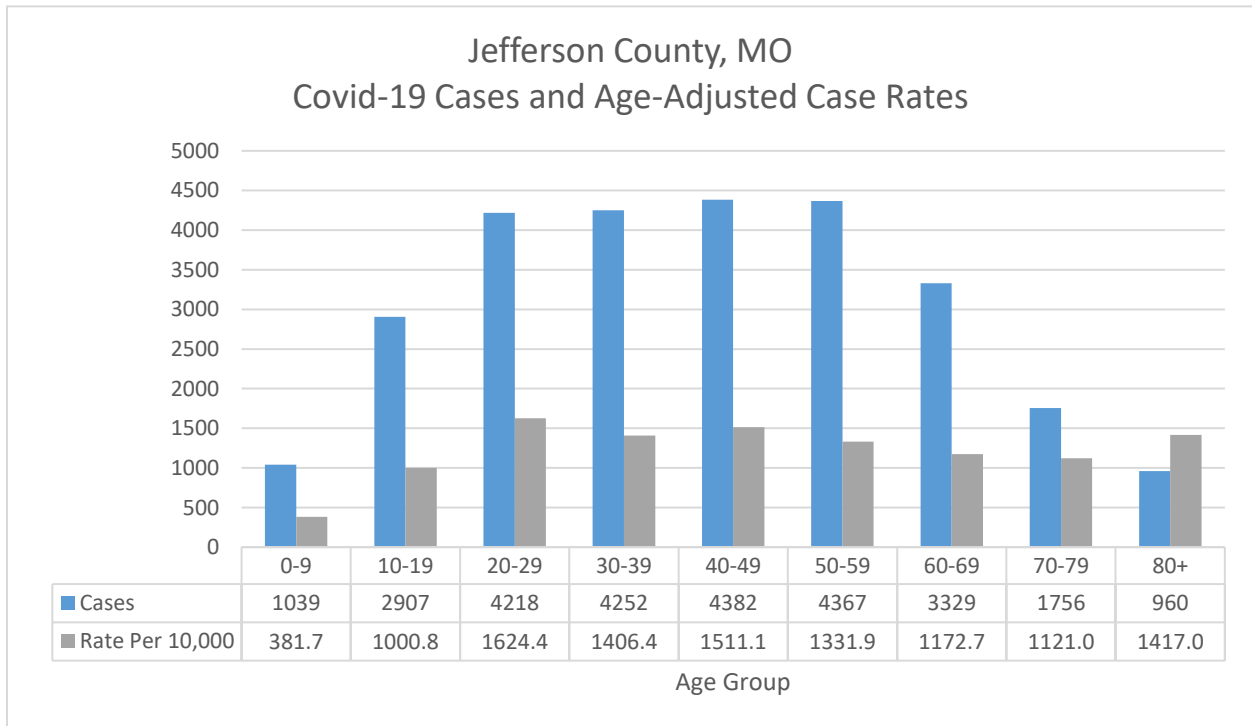


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

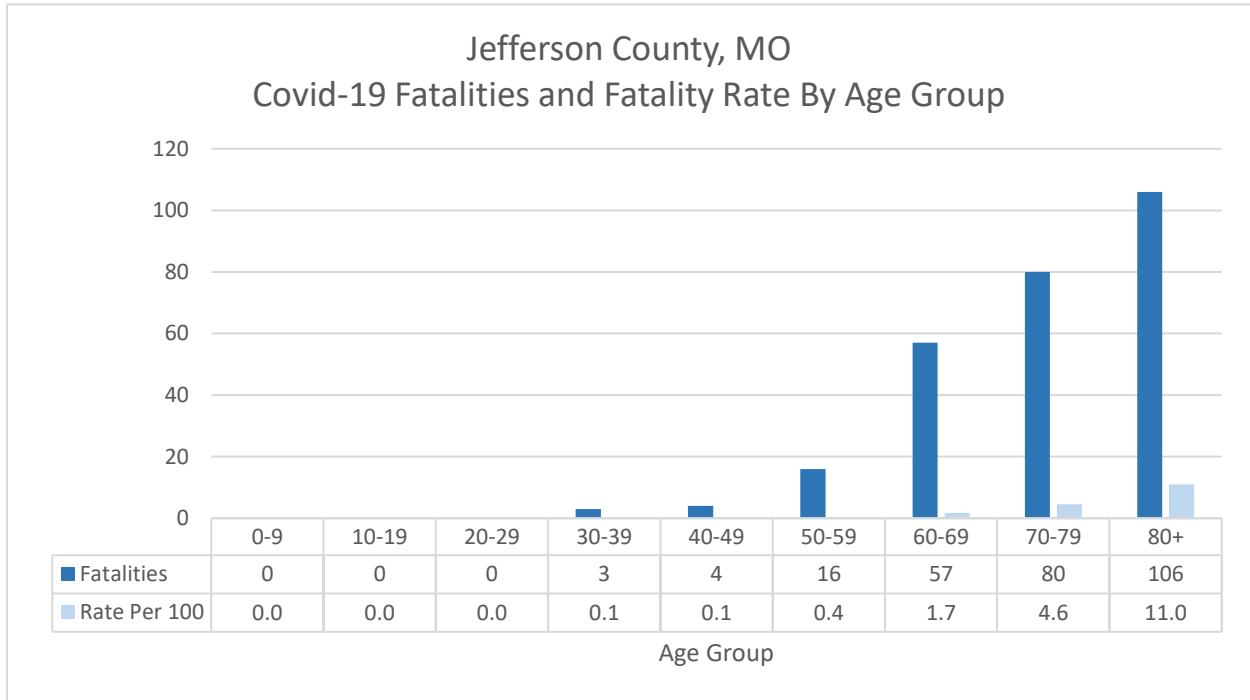


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.99%
Missouri	1.38%
US	1.66%

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

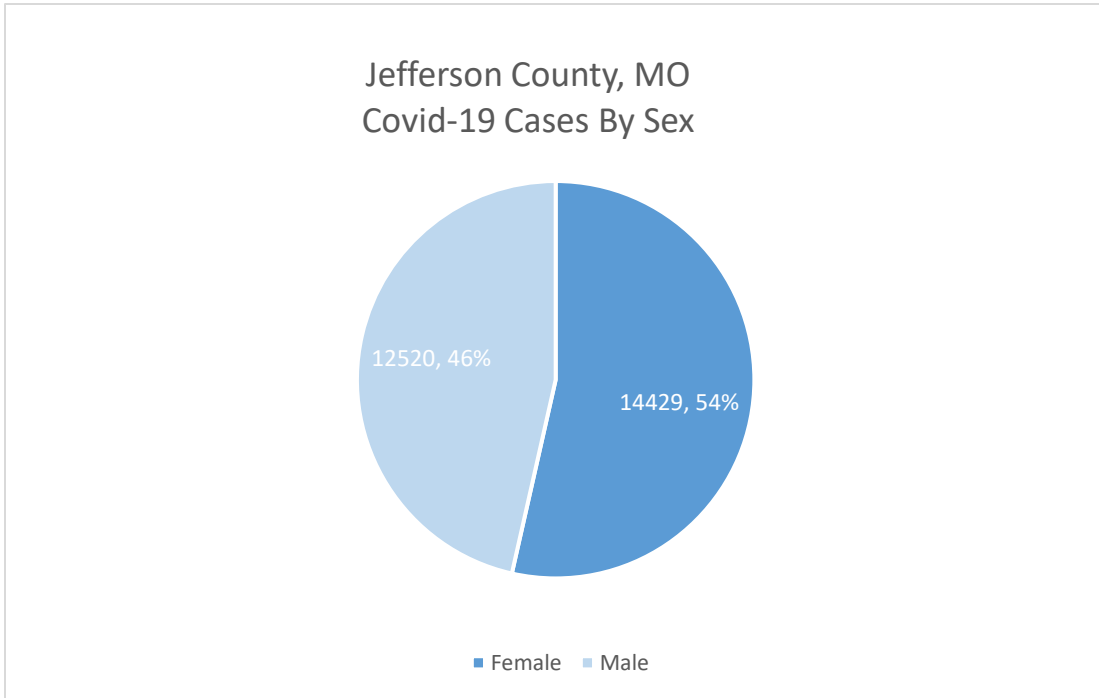


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

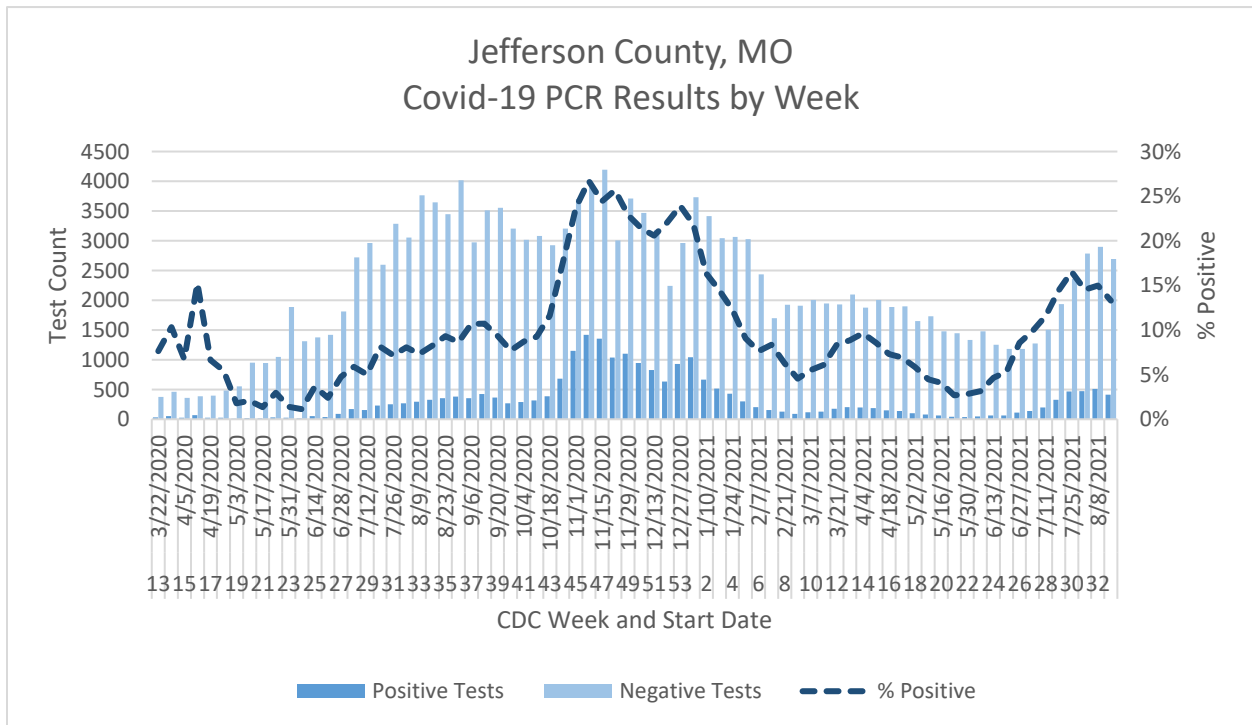


Table 3. Covid-19 PCR Test Results and Percent Positive  
by Week, Jefferson County, Missouri

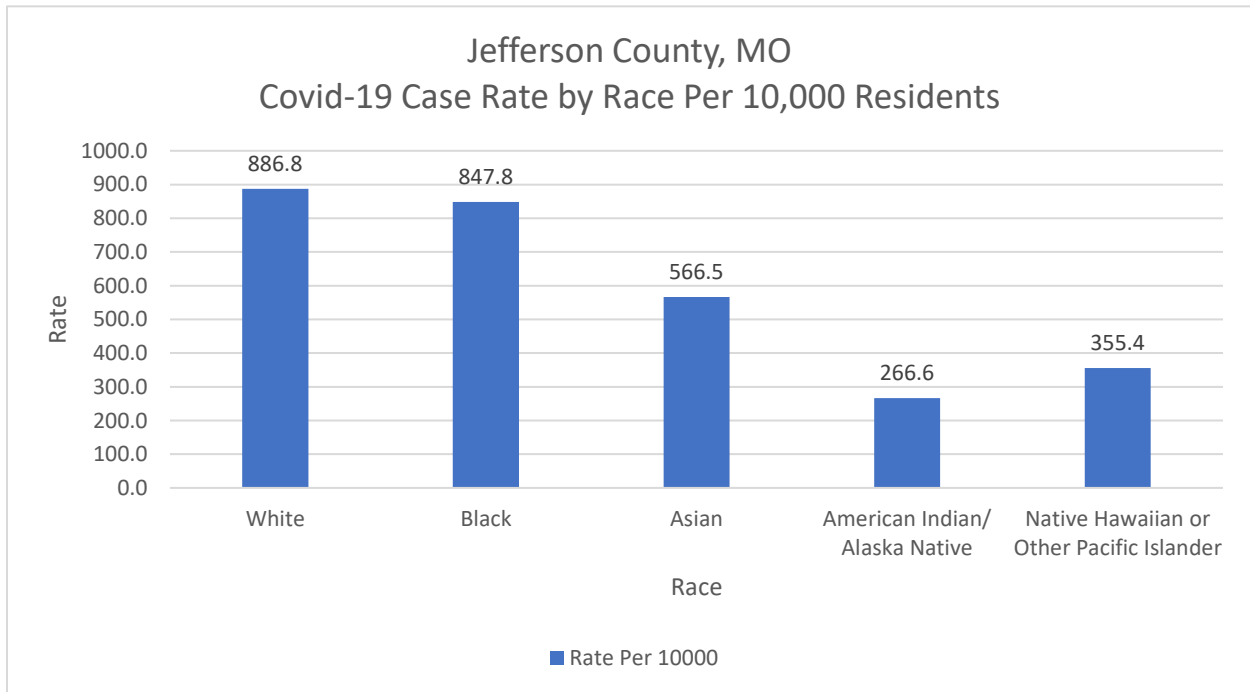
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
44	10/25/2020	683	3206	3889	17.6%
45	11/1/2020	1151	3701	4852	23.7%
46	11/8/2020	1420	3896	5316	26.7%
47	11/15/2020	1355	4193	5548	24.4%
48	11/22/2020	1038	3005	4043	25.7%
49	11/29/2020	1101	3711	4812	22.9%
50	12/6/2020	945	3470	4415	21.4%
51	12/13/2020	825	3184	4009	20.6%
52	12/20/2020	635	2244	2879	22.1%
53	12/27/2020	932	2964	3896	23.9%
1	1/3/2021	1041	3731	4772	21.8%
2	1/10/2021	668	3416	4084	16.4%
3	1/17/2021	513	3043	3556	14.4%
4	1/24/2021	428	3064	3492	12.3%
5	1/31/2021	301	3025	3326	9.0%
6	2/7/2021	201	2434	2635	7.6%
7	2/14/2021	155	1700	1855	8.4%
8	2/21/2021	129	1924	2053	6.3%
9	2/28/2021	91	1910	2001	4.5%
10	3/7/2021	117	2007	2124	5.5%
11	3/14/2021	126	1945	2071	6.1%
12	3/21/2021	176	1932	2108	8.3%
13	3/28/2021	204	2097	2301	8.9%
14	4/4/2021	200	1877	2077	9.6%
15	4/11/2021	188	2006	2194	8.6%
16	4/18/2021	149	1885	2034	7.3%
17	4/25/2021	141	1899	2040	6.9%
18	5/2/2021	102	1648	1750	5.8%
19	5/9/2021	81	1733	1814	4.5%
20	5/16/2021	63	1480	1543	4.1%
21	5/23/2021	40	1444	1484	2.7%
22	5/30/2021	39	1333	1372	2.8%
23	6/6/2021	48	1477	1525	3.1%
24	6/13/2021	61	1251	1312	4.6%
25	6/20/2021	66	1182	1248	5.3%
26	6/27/2021	111	1184	1295	8.6%
27	7/4/2021	140	1275	1415	9.9%
28	7/11/2021	197	1504	1701	11.6%
29	7/18/2021	326	1934	2260	14.4%
30	7/25/2021	467	2361	2828	16.5%
31	8/1/2021	473	2785	3258	14.5%
32	8/8/2021	510	2896	3406	15.0%
33	8/15/2021	413	2692	3105	13.3%

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

Race	Cases	Rate Per 10000
White	19182	886.8
Black	229	847.8
Asian	102	566.5
American Indian/ Alaska Native	18	266.6
Native Hawaiian or Other Pacific Islander	8	355.4
Unknown	3458	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

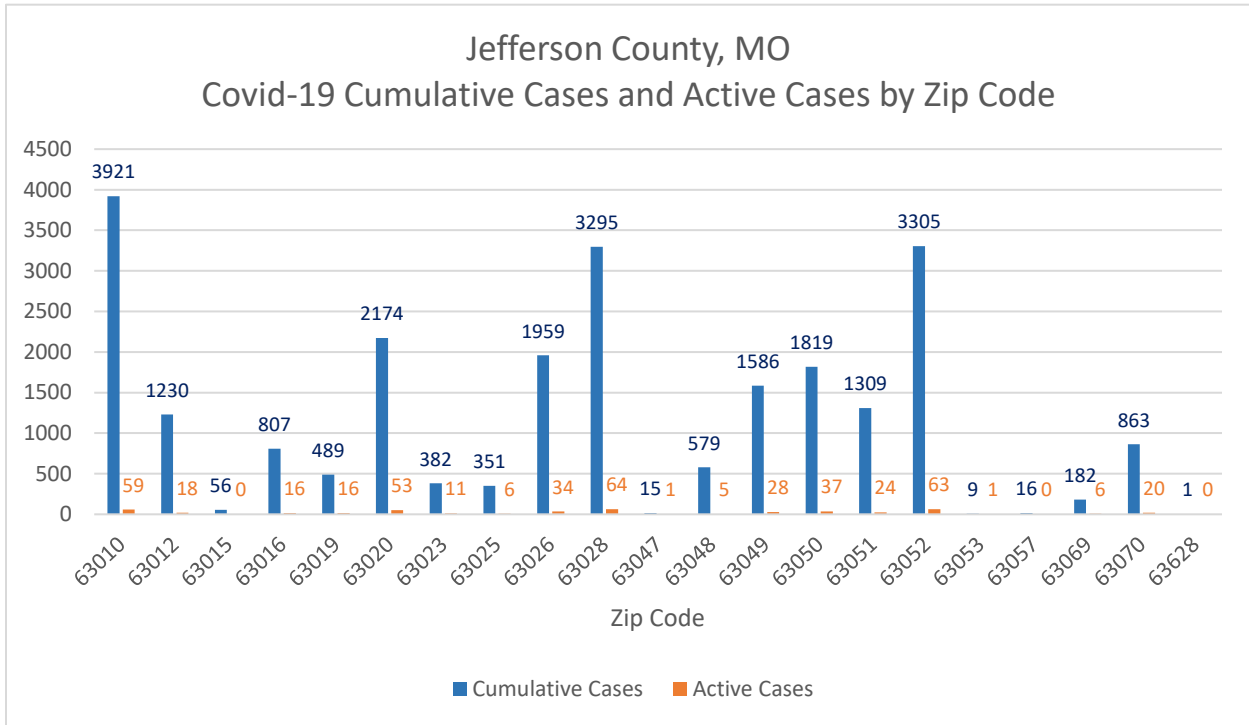
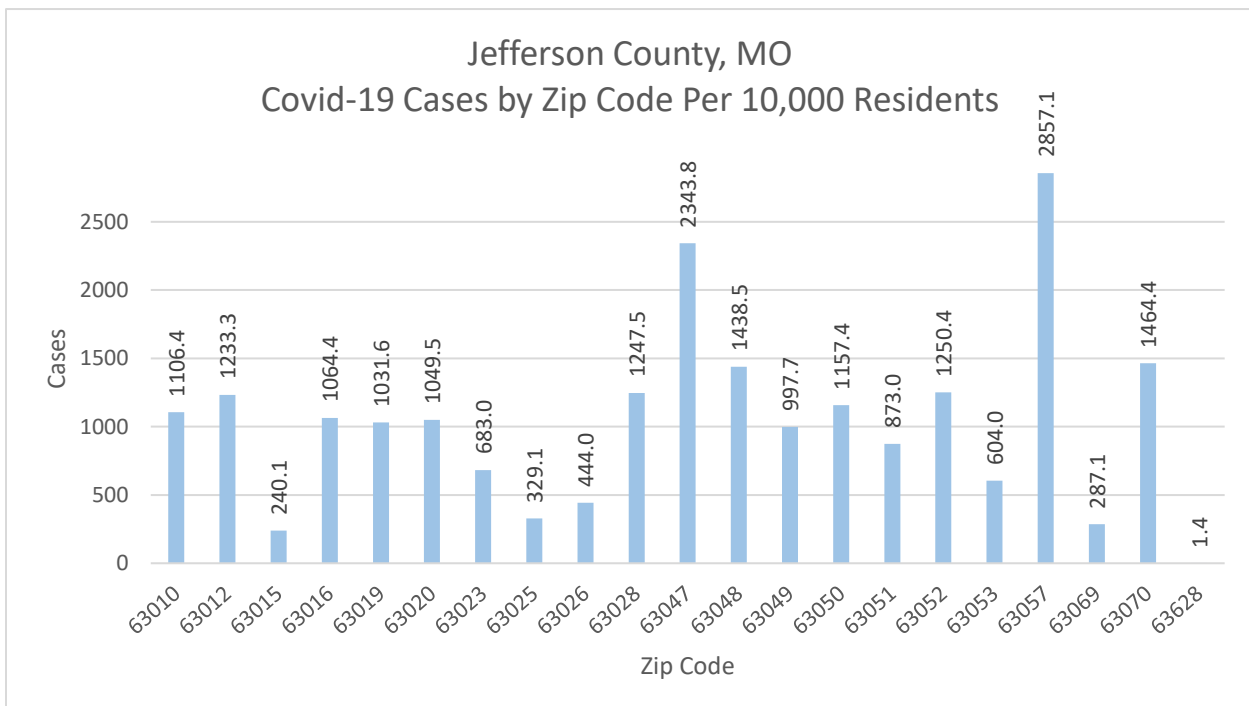


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

**Week 33: August 15- August 21**

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

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**SUMMARY:**

- During Week 33 a total of 103 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3886 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
48	11/22/2020	133	1399
49	11/29/2020	156	1555
50	12/6/2020	172	1727
51	12/13/2020	126	1853
52	12/20/2020	86	1939
53	12/27/2020	140	2079
1	1/3/2021	195	2274
2	1/10/2021	129	2403
3	1/17/2021	73	2476
4	1/24/2021	85	2561
5	1/31/2021	92	2653
6	2/7/2021	28	2681
7	2/14/2021	33	2714
8	2/21/2021	30	2744
9	2/28/2021	33	2777
10	3/7/2021	35	2812
11	3/14/2021	31	2843
12	3/21/2021	46	2889
13	3/28/2021	62	2951
14	4/4/2021	58	3009
15	4/11/2021	48	3057
16	4/18/2021	43	3100
17	4/25/2021	48	3148
18	5/2/2021	35	3183
19	5/9/2021	22	3205
20	5/16/2021	12	3217
21	5/23/2021	6	3223
22	5/30/2021	4	3227
23	6/6/2021	8	3235
24	6/13/2021	13	3248
25	6/20/2021	26	3274
26	6/27/2021	25	3299
27	7/4/2021	34	3333
28	7/11/2021	66	3399
29	7/18/2021	76	3475
30	7/25/2021	105	3580
31	8/1/2021	100	3680
32	8/8/2021	103	3783
33	8/15/2021	103	3886

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

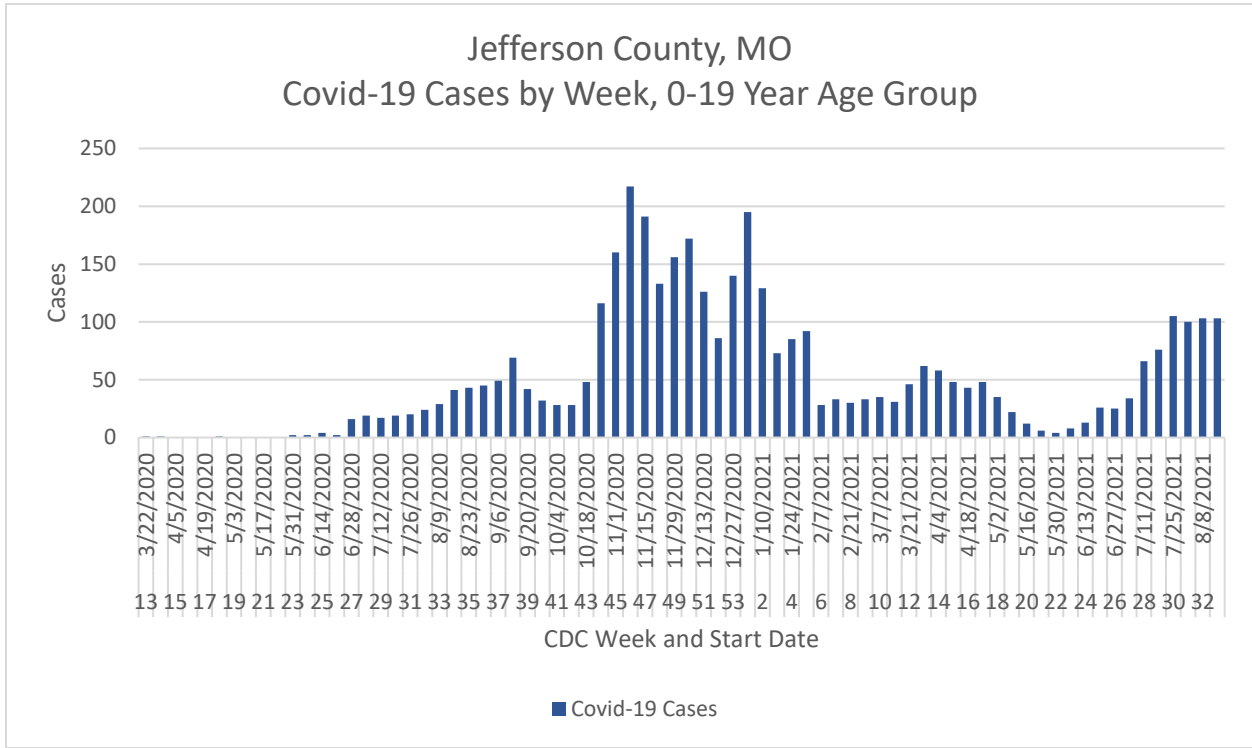


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	1,039	3.82%
10-19	2,907	10.68%
20+	23,264	85.50%

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

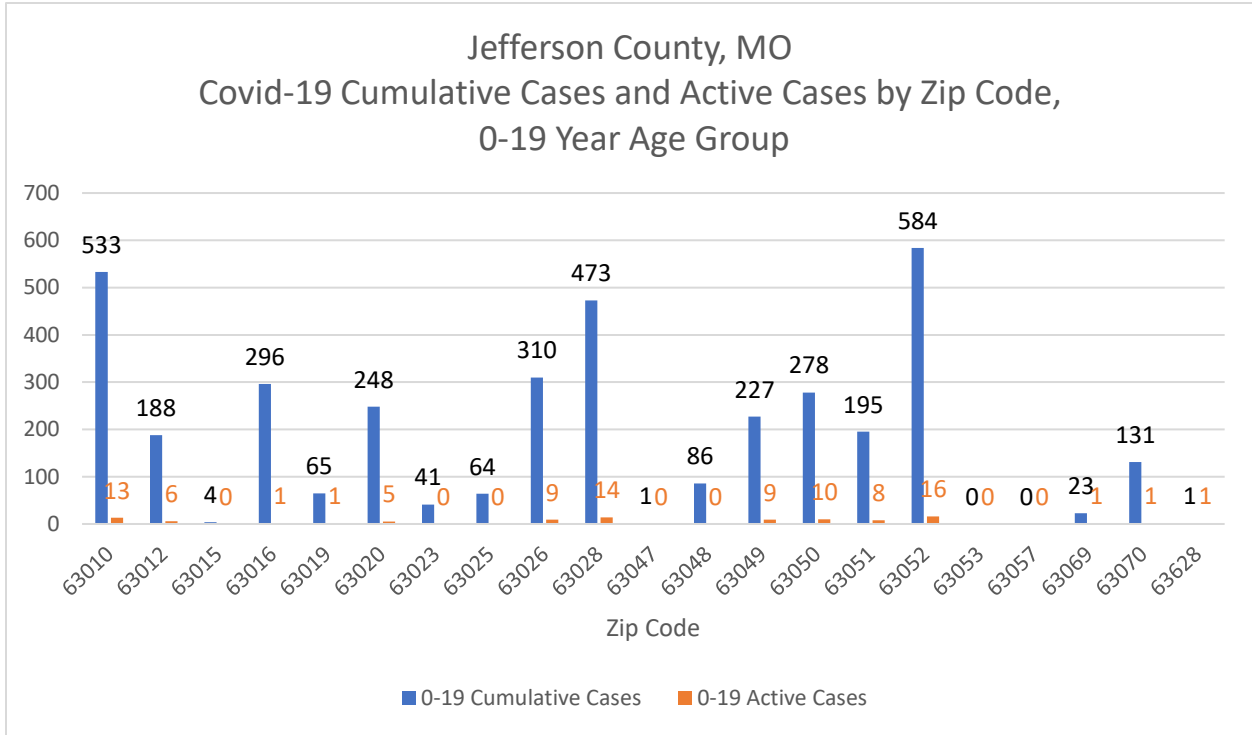


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

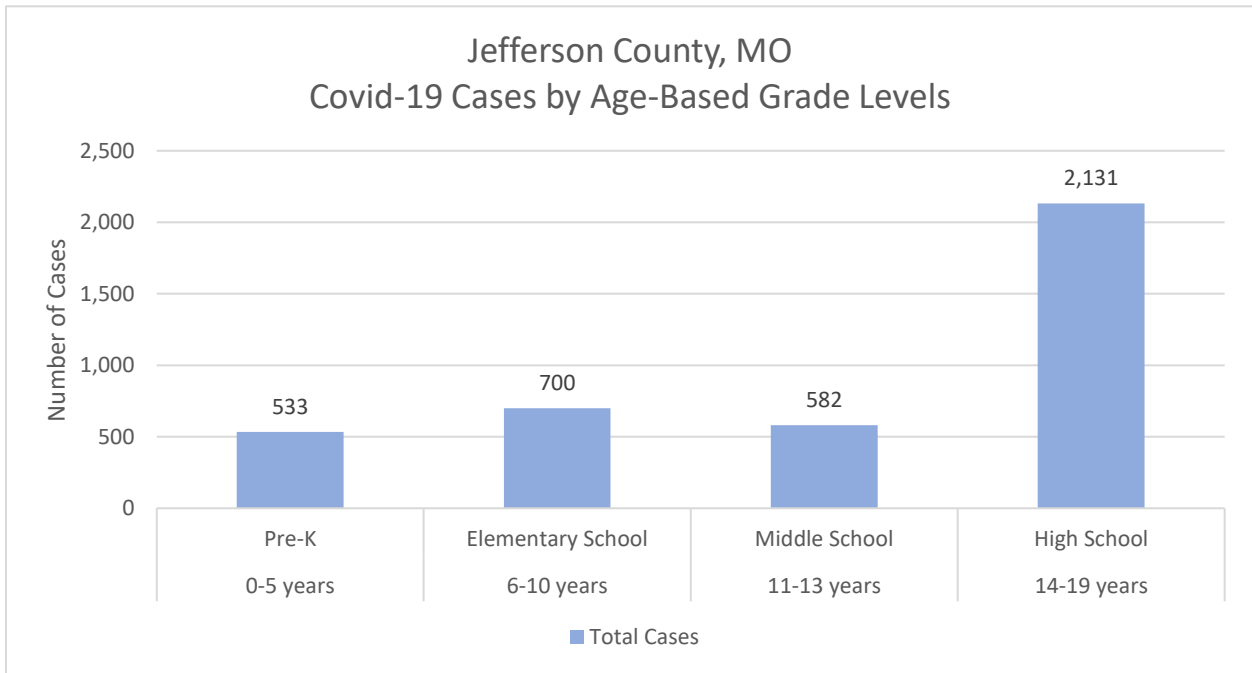


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

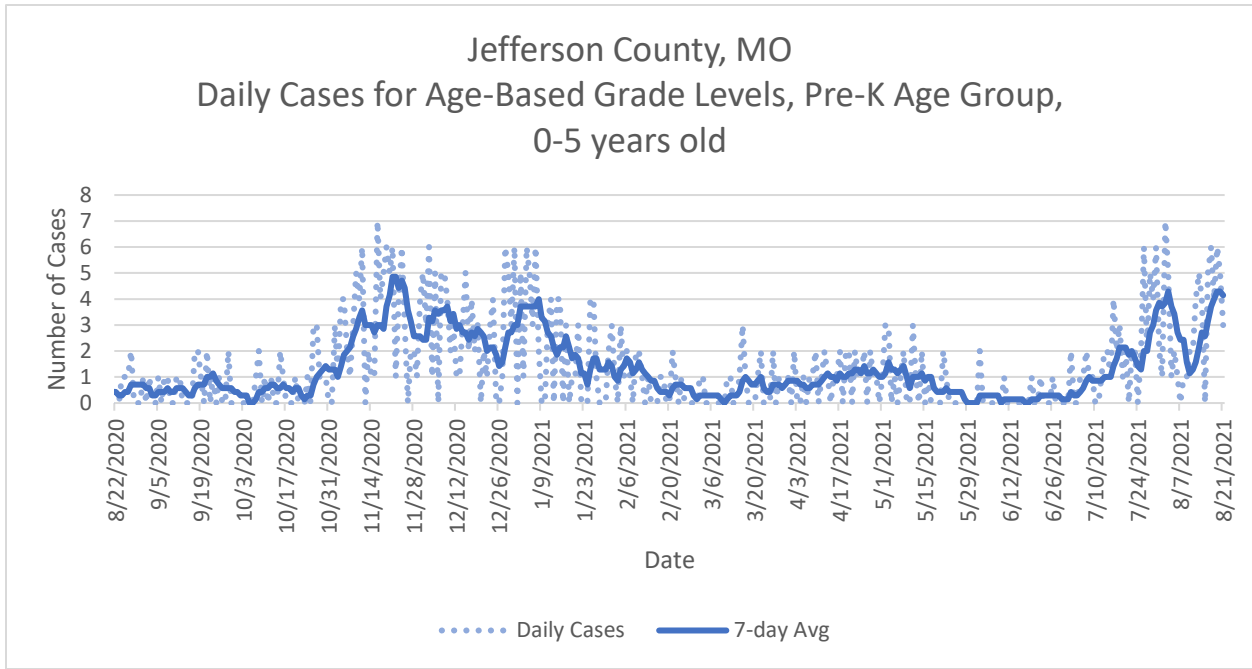


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

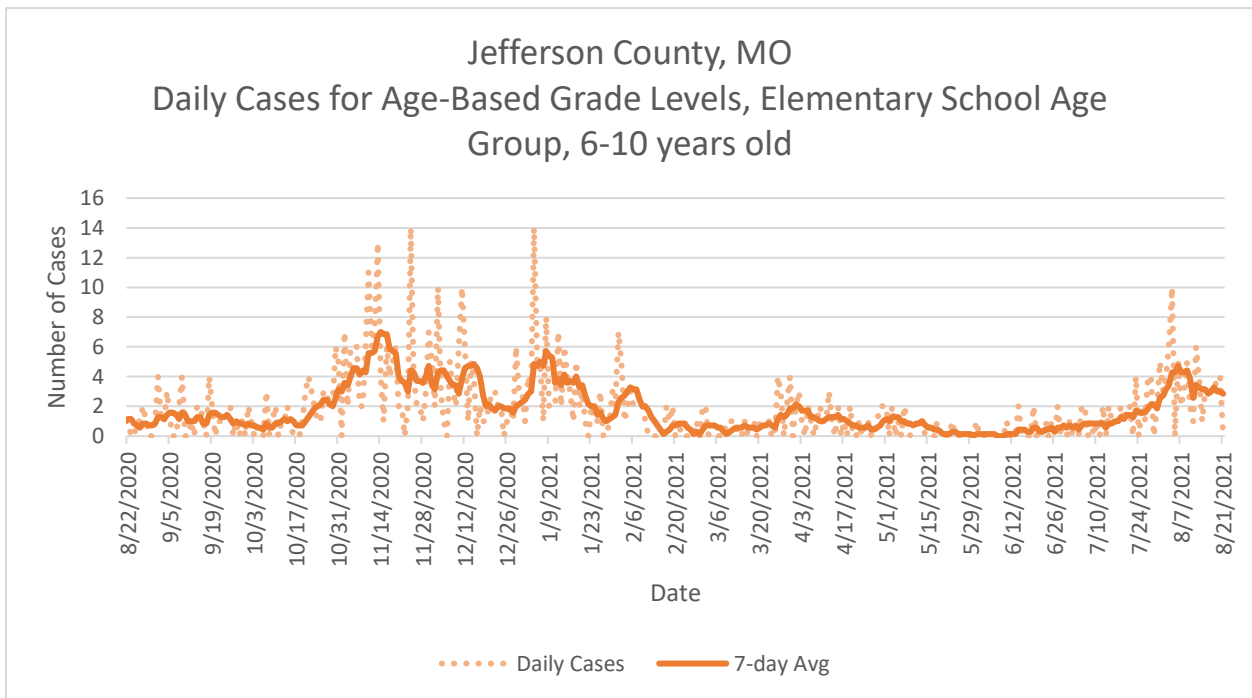


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

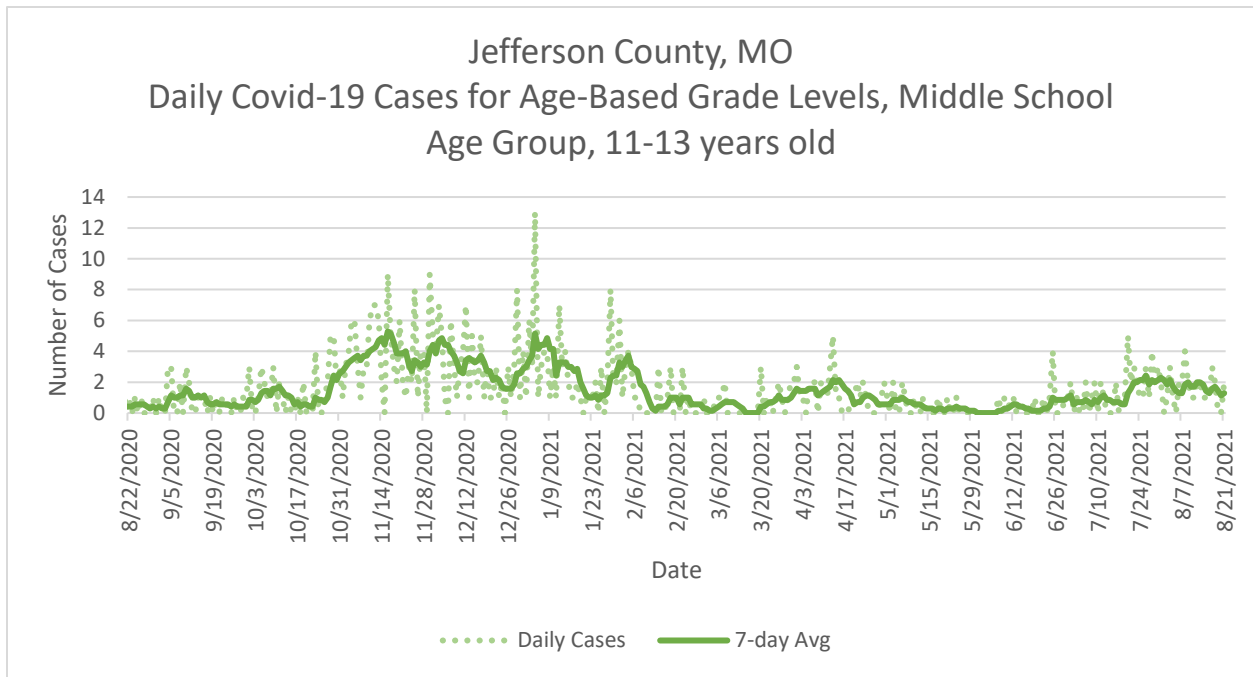


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

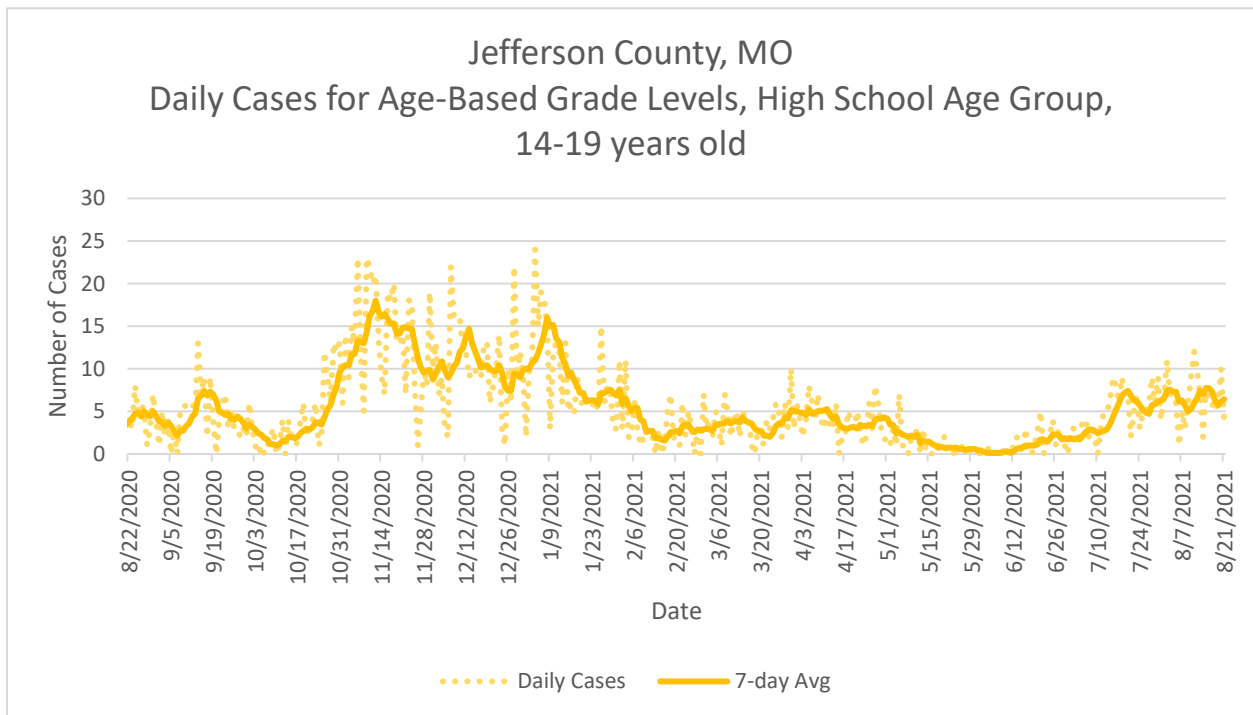


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

