



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 34: August 22- August 28**

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

---

**SUMMARY:**

- During Week 34 a total of 577 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 27593 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 34.
- Two hundred sixty-nine Covid-19 associated deaths have been reported in Jefferson County as of Week 34.
- Twenty-six outbreaks of Covid-19 have been reported in long-term care facilities (LTCF) in Jefferson County.<sup>1</sup>

---

<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
47	11/15/2020	1478	10397
48	11/22/2020	1139	11536
49	11/29/2020	1244	12780
50	12/6/2020	1090	13870
51	12/13/2020	940	14810
52	12/20/2020	713	15523
53	12/27/2020	1062	16585
1	1/3/2021	1224	17809
2	1/10/2021	887	18696
3	1/17/2021	631	19327
4	1/24/2021	523	19850
5	1/31/2021	376	20226
6	2/7/2021	257	20483
7	2/14/2021	211	20694
8	2/21/2021	190	20884
9	2/28/2021	171	21055
10	3/7/2021	174	21229
11	3/14/2021	210	21439
12	3/21/2021	282	21721
13	3/28/2021	315	22036
14	4/4/2021	327	22363
15	4/11/2021	268	22631
16	4/18/2021	204	22835
17	4/25/2021	183	23018
18	5/2/2021	138	23156
19	5/9/2021	114	23270
20	5/16/2021	75	23345
21	5/23/2021	61	23406
22	5/30/2021	58	23464
23	6/6/2021	58	23522
24	6/13/2021	74	23596
25	6/20/2021	88	23684
26	6/27/2021	145	23829
27	7/4/2021	182	24011
28	7/11/2021	298	24309
29	7/18/2021	402	24711
30	7/25/2021	559	25270
31	8/1/2021	586	25856
32	8/8/2021	611	26467
33	8/15/2021	549	27016
34	8/22/2021	577	27593

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

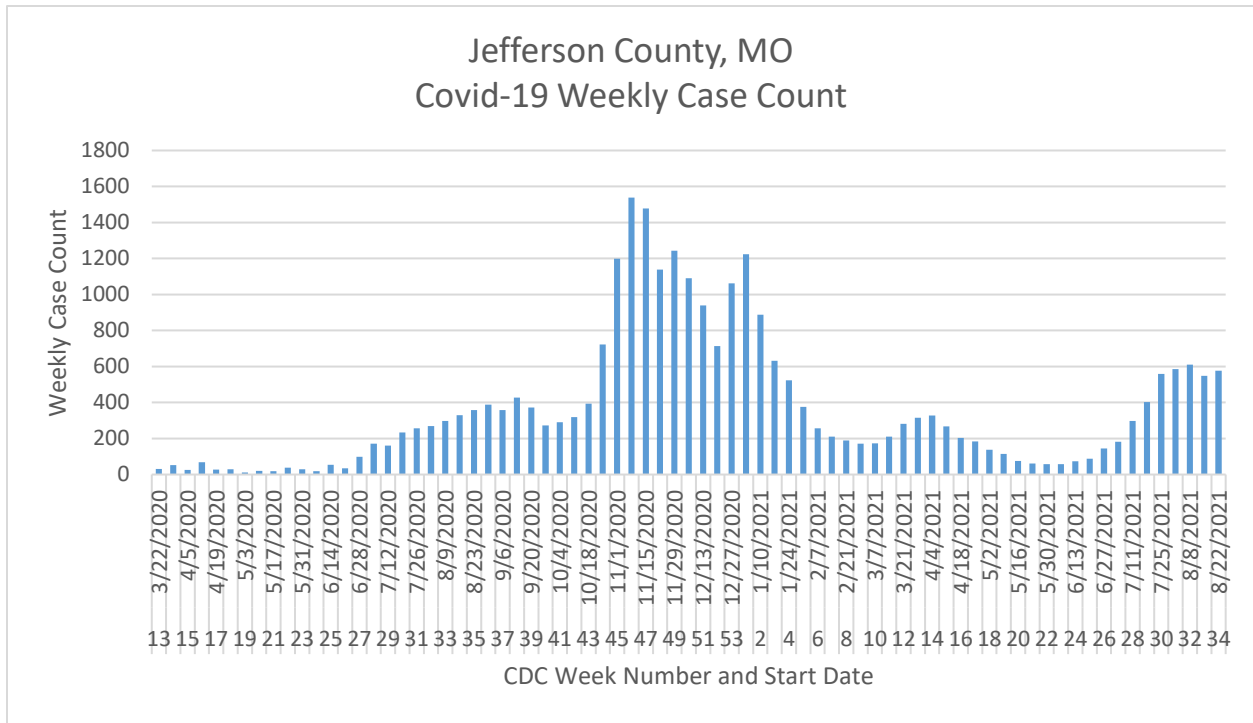


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

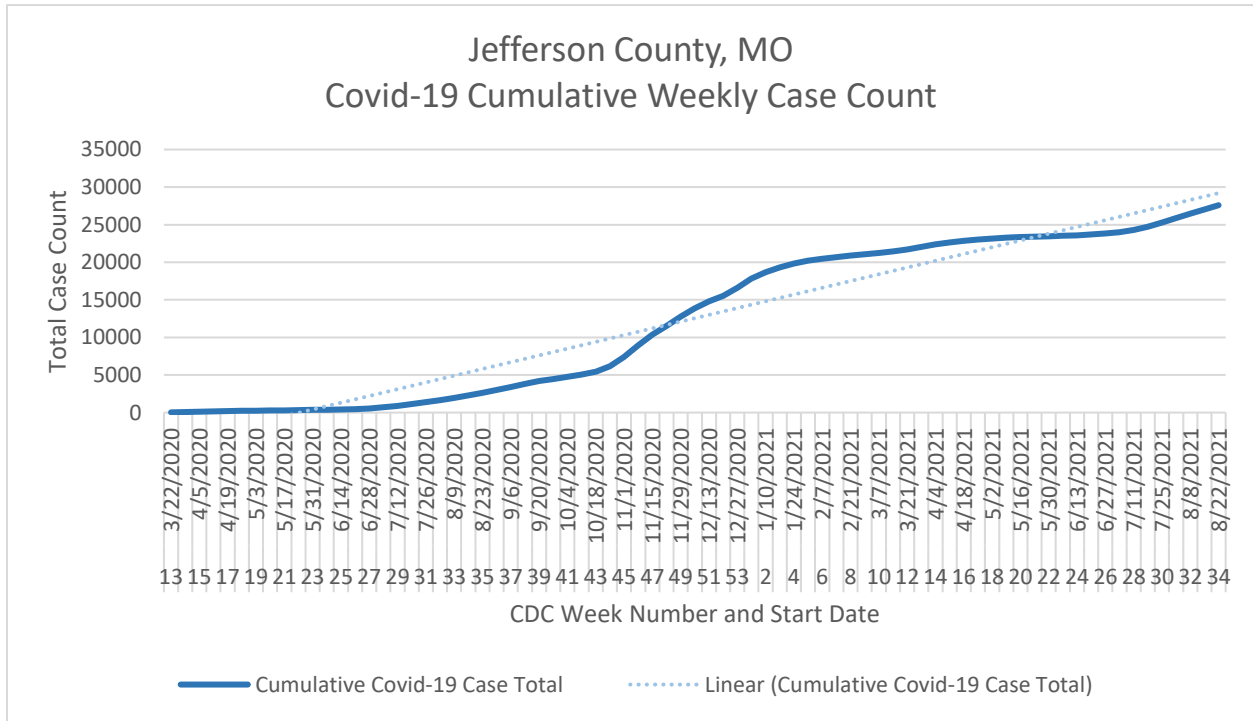


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

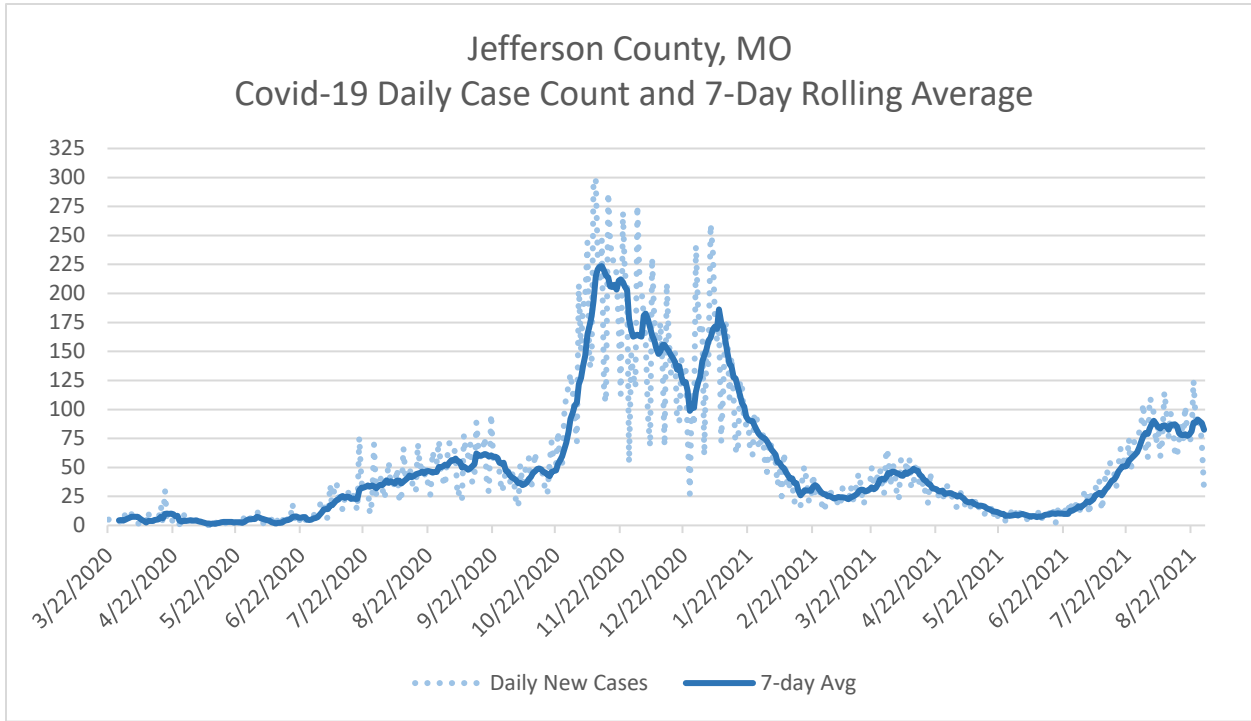


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

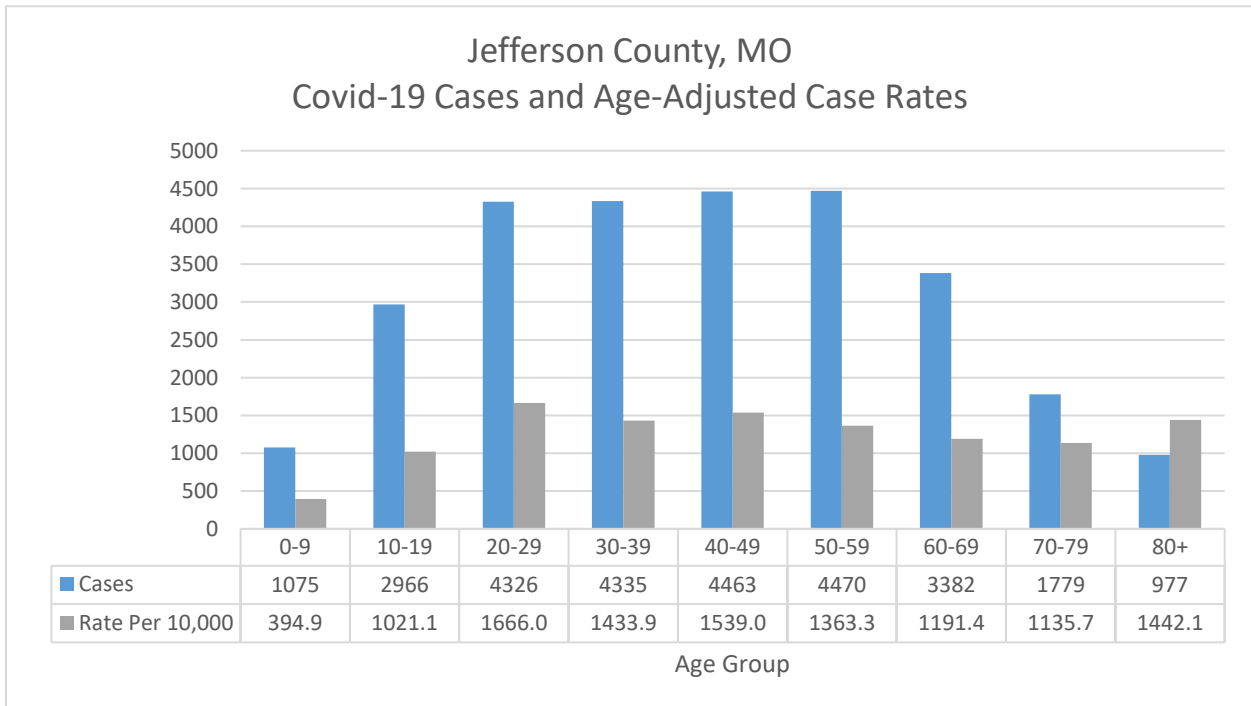


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

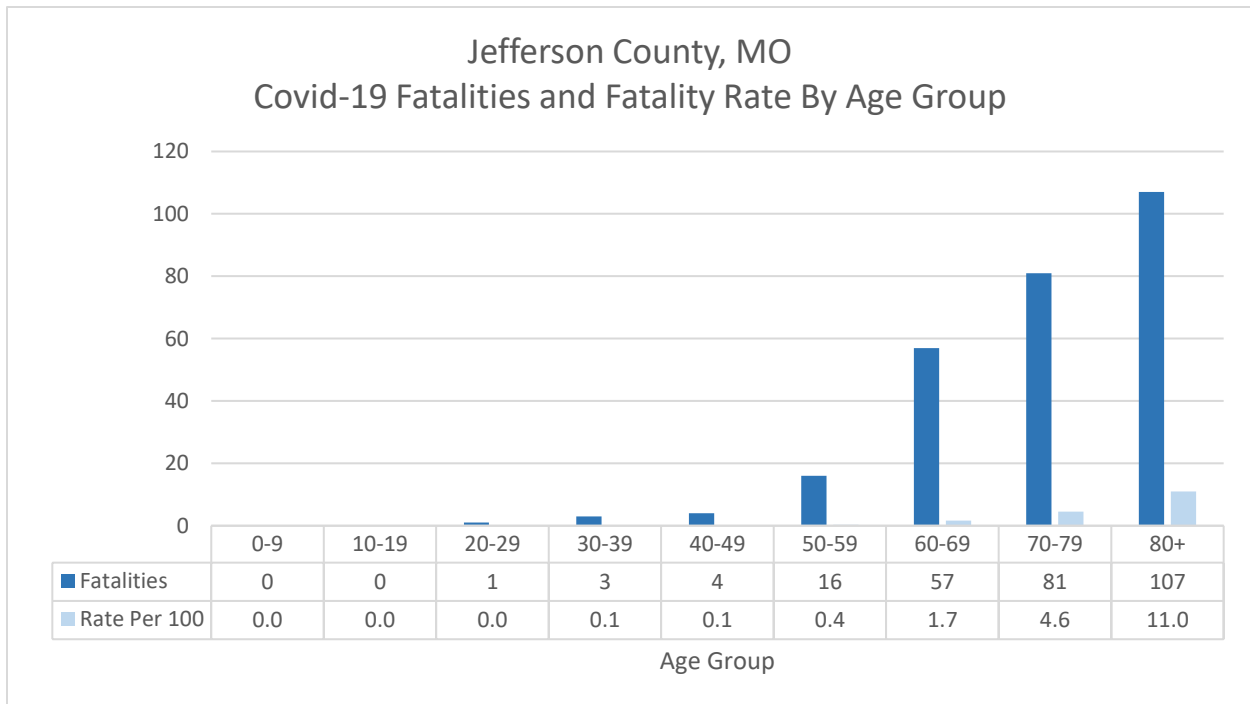


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.97%
Missouri	1.40%
US	1.64%

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

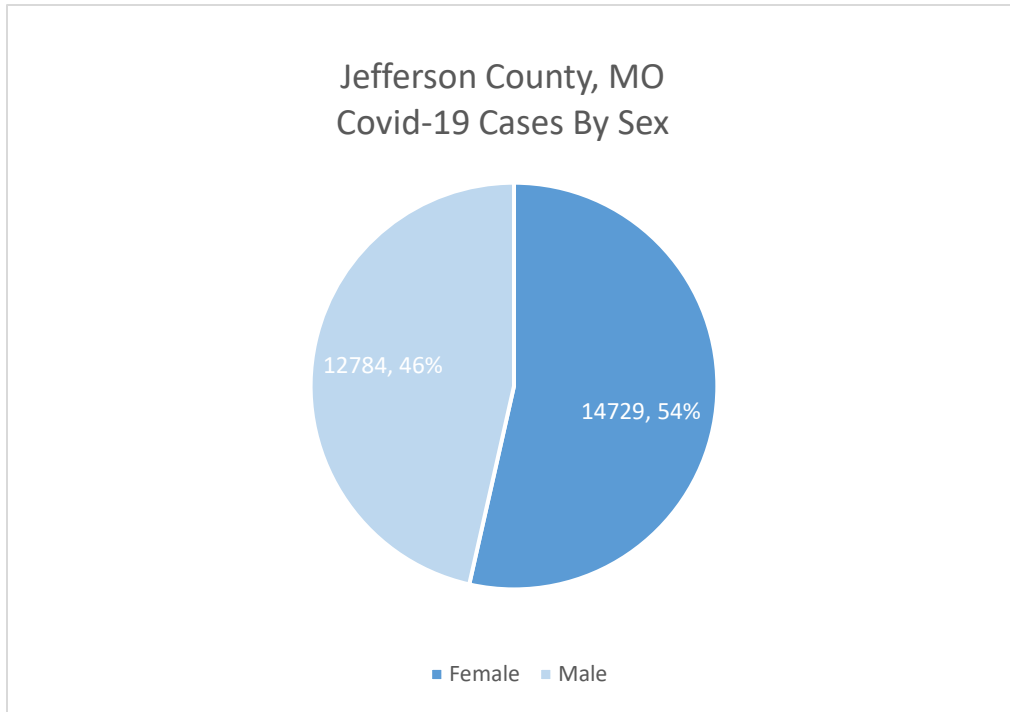


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

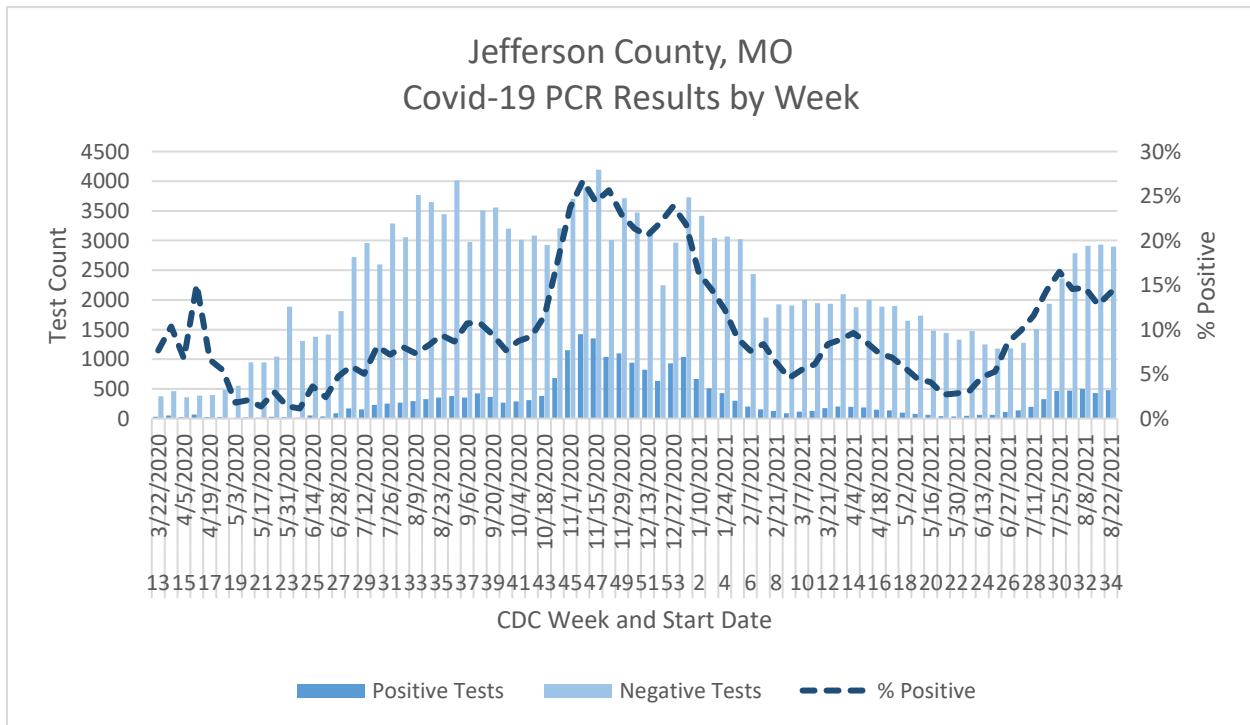


Table 3. Covid-19 PCR Test Results and Percent Positive  
by Week, Jefferson County, Missouri

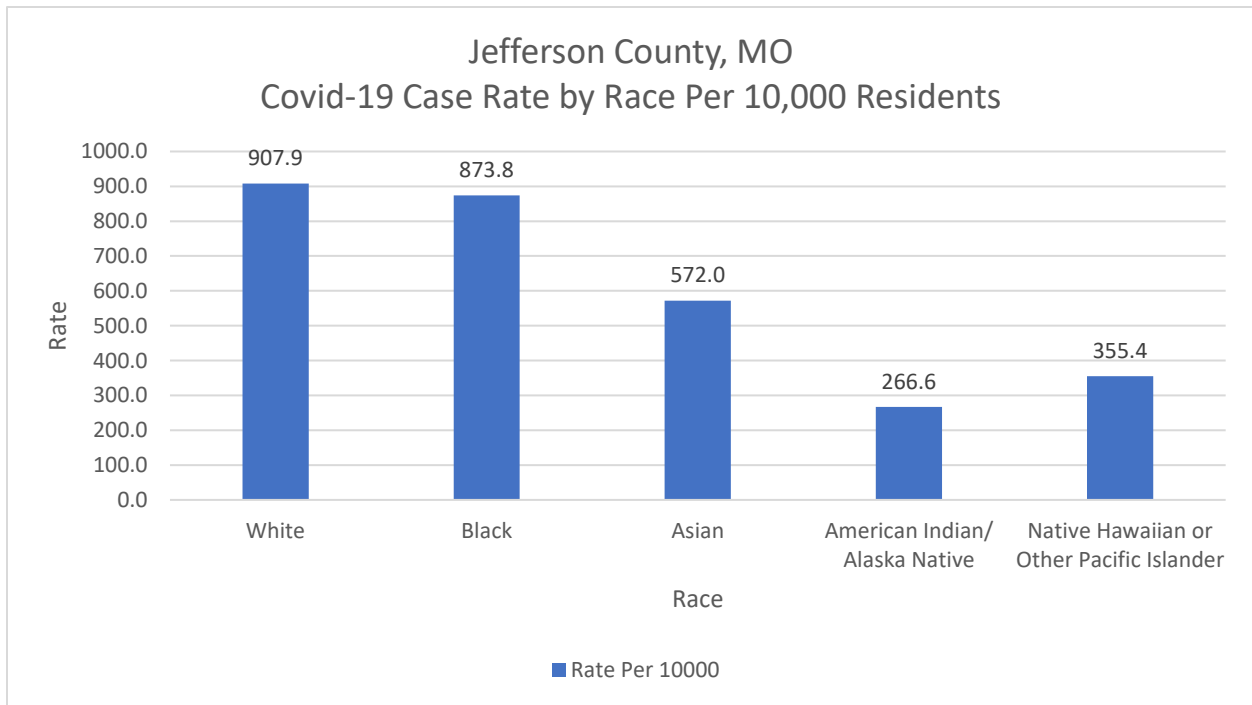
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
45	11/1/2020	1150	3702	4852	23.7%
46	11/8/2020	1420	3896	5316	26.7%
47	11/15/2020	1351	4193	5544	24.4%
48	11/22/2020	1038	3005	4043	25.7%
49	11/29/2020	1101	3712	4813	22.9%
50	12/6/2020	941	3470	4411	21.3%
51	12/13/2020	824	3185	4009	20.6%
52	12/20/2020	634	2245	2879	22.0%
53	12/27/2020	930	2966	3896	23.9%
1	1/3/2021	1040	3731	4771	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	300	3025	3325	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	1925	2054	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	140	1899	2039	6.9%
18	5/2/2021	100	1648	1748	5.7%
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	47	1477	1524	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	1507	1704	11.6%
29	7/18/2021	326	1935	2261	14.4%
30	7/25/2021	466	2361	2827	16.5%
31	8/1/2021	474	2786	3260	14.5%
32	8/8/2021	501	2908	3409	14.7%
33	8/15/2021	430	2930	3360	12.8%
34	8/22/2021	480	2899	3379	14.2%

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

Race	Cases	Rate Per 10000
White	19638	907.9
Black	236	873.8
Asian	103	572.0
American Indian/ Alaska Native	18	266.6
Native Hawaiian or Other Pacific Islander	8	355.4
Unknown	3515	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

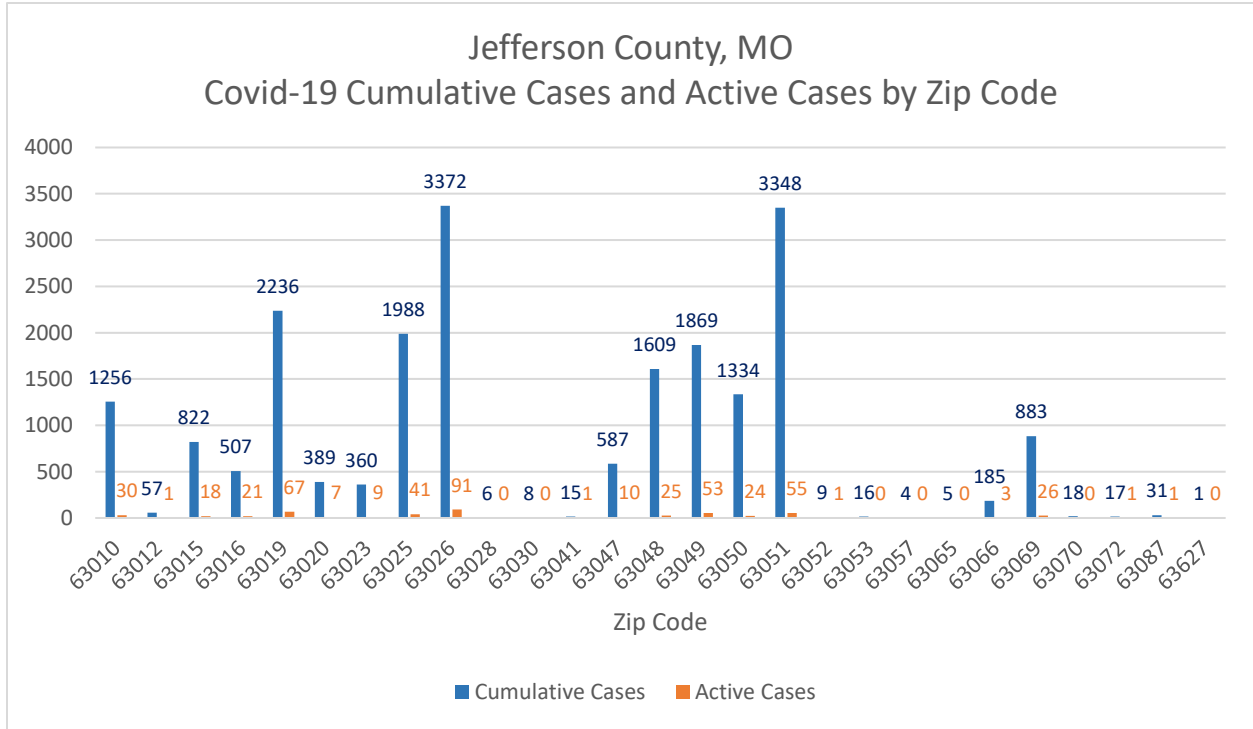
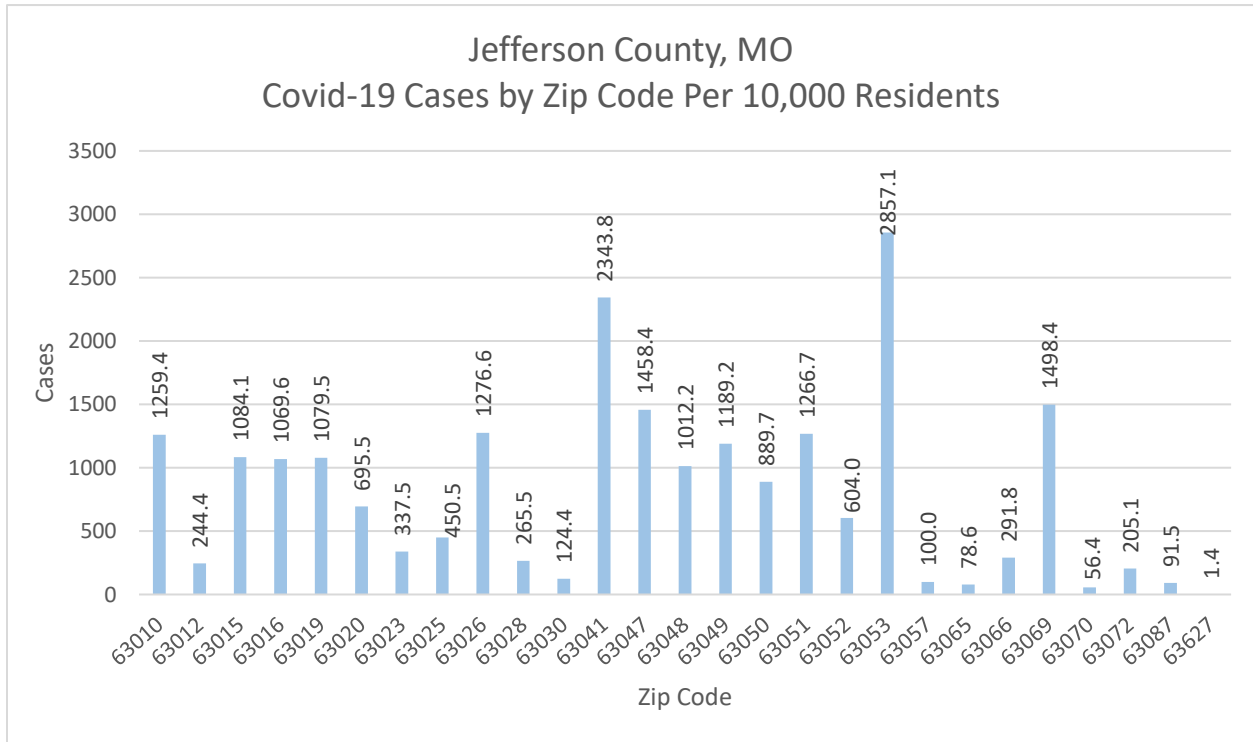


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

**Week 34: August 22- August 28**

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

---

**SUMMARY:**

- During Week 34 a total of 100 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3980 confirmed and probable Covid-19 cases have been reported in 0-19 year age group in Jefferson County, Missouri.
-

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
49	11/29/2020	154	1551
50	12/6/2020	169	1720
51	12/13/2020	126	1846
52	12/20/2020	86	1932
53	12/27/2020	139	2071
1	1/3/2021	195	2266
2	1/10/2021	129	2395
3	1/17/2021	73	2468
4	1/24/2021	85	2553
5	1/31/2021	92	2645
6	2/7/2021	28	2673
7	2/14/2021	33	2706
8	2/21/2021	30	2736
9	2/28/2021	33	2769
10	3/7/2021	35	2804
11	3/14/2021	31	2835
12	3/21/2021	46	2881
13	3/28/2021	62	2943
14	4/4/2021	58	3001
15	4/11/2021	48	3049
16	4/18/2021	43	3092
17	4/25/2021	48	3140
18	5/2/2021	34	3174
19	5/9/2021	22	3196
20	5/16/2021	12	3208
21	5/23/2021	6	3214
22	5/30/2021	4	3218
23	6/6/2021	7	3225
24	6/13/2021	13	3238
25	6/20/2021	26	3264
26	6/27/2021	25	3289
27	7/4/2021	34	3323
28	7/11/2021	66	3389
29	7/18/2021	76	3465
30	7/25/2021	105	3570
31	8/1/2021	100	3670
32	8/8/2021	102	3772
33	8/15/2021	108	3880
34	8/22/2021	100	3980

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

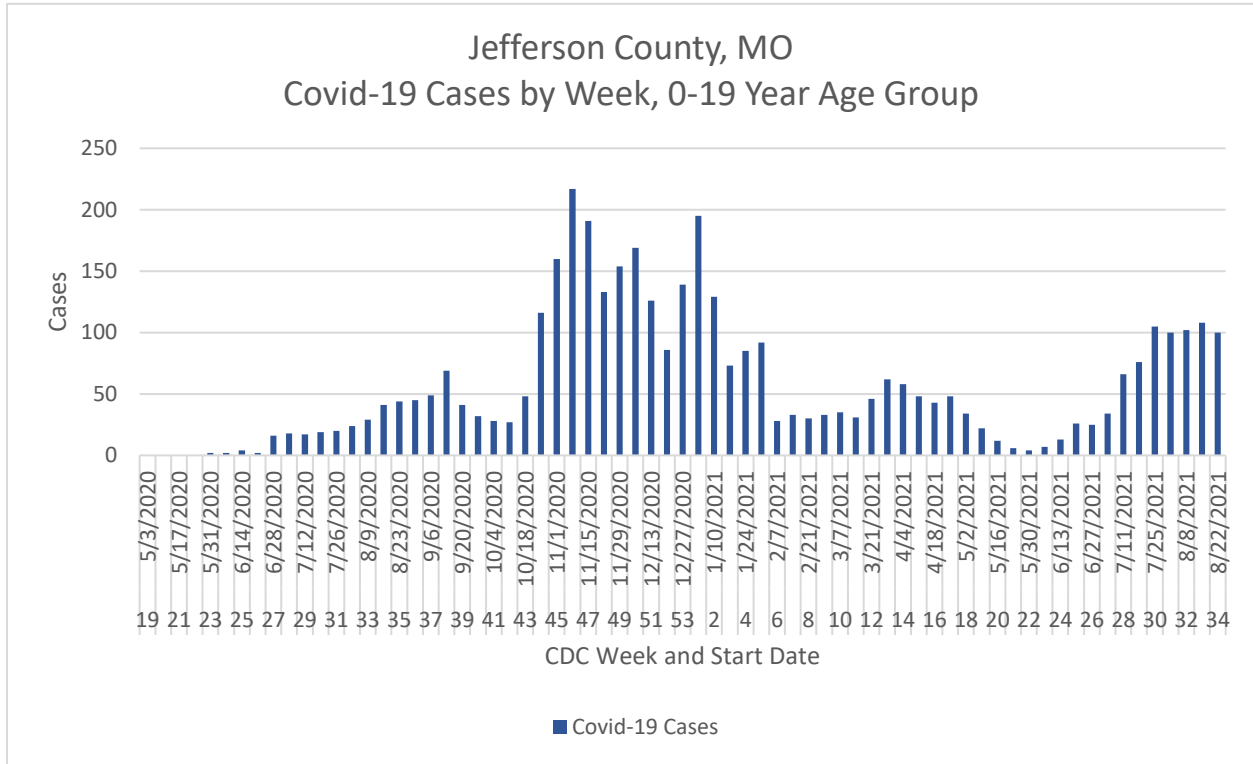


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	1,075	3.87%
10-19	2,966	10.68%
20+	23,732	85.45%

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

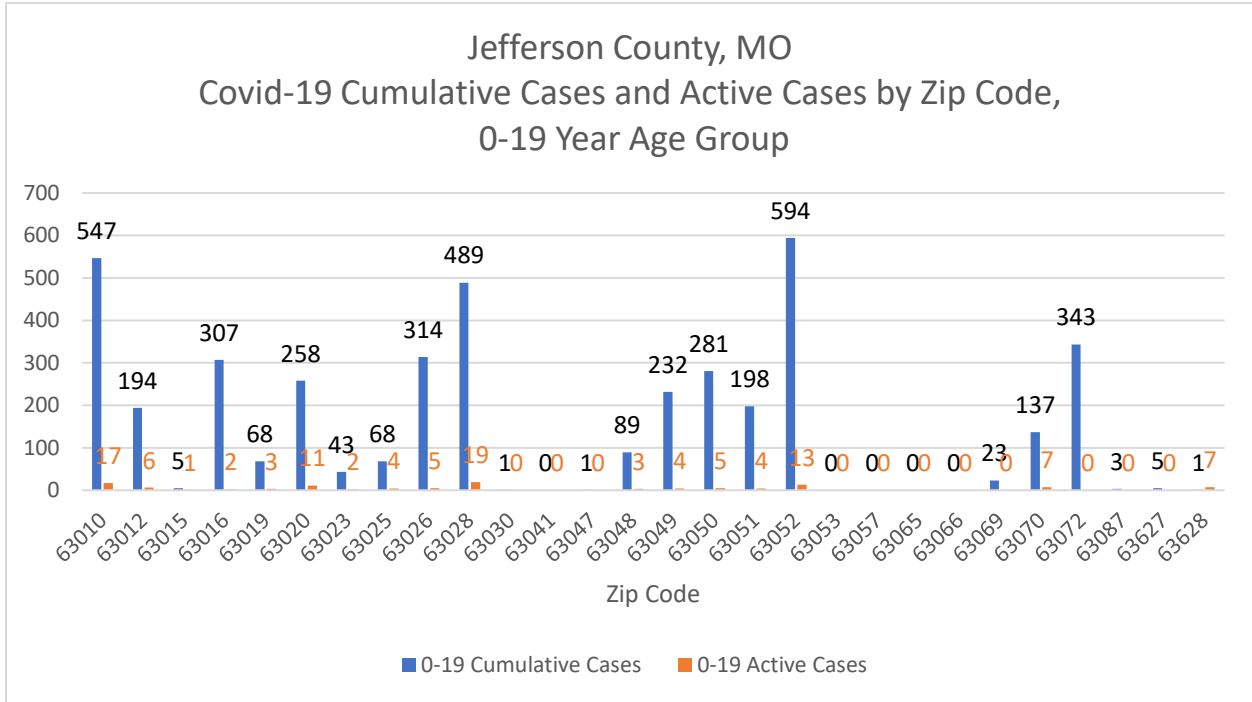


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

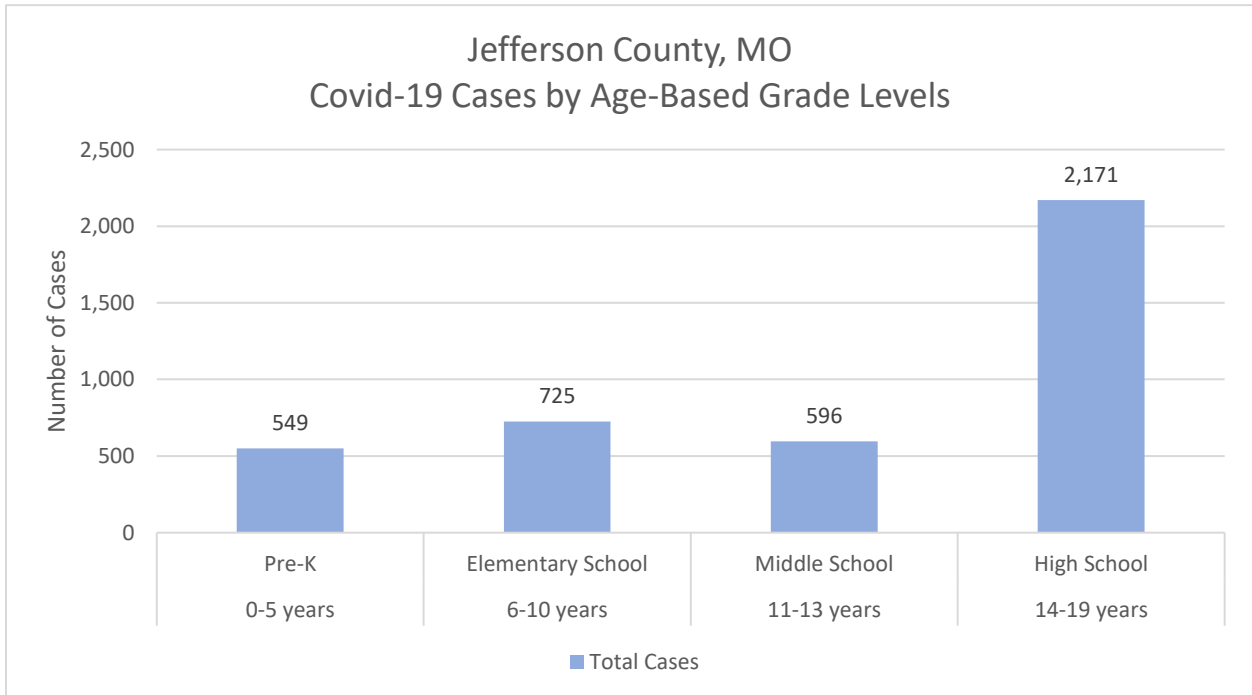


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

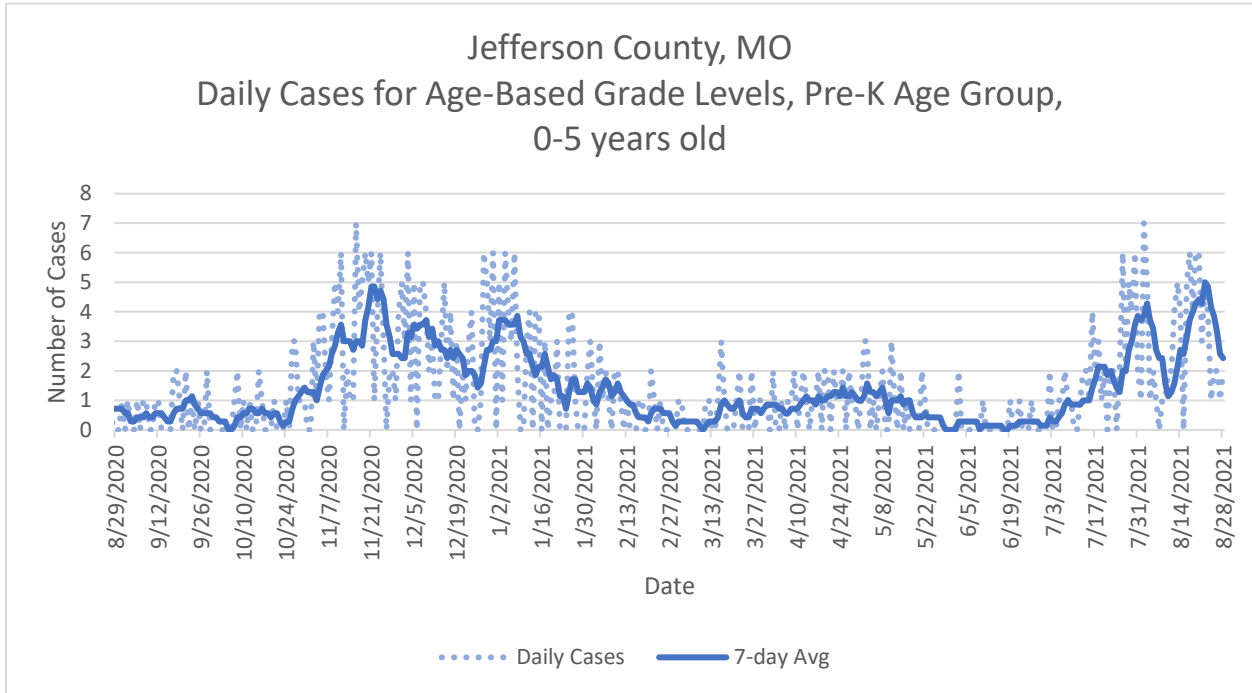


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

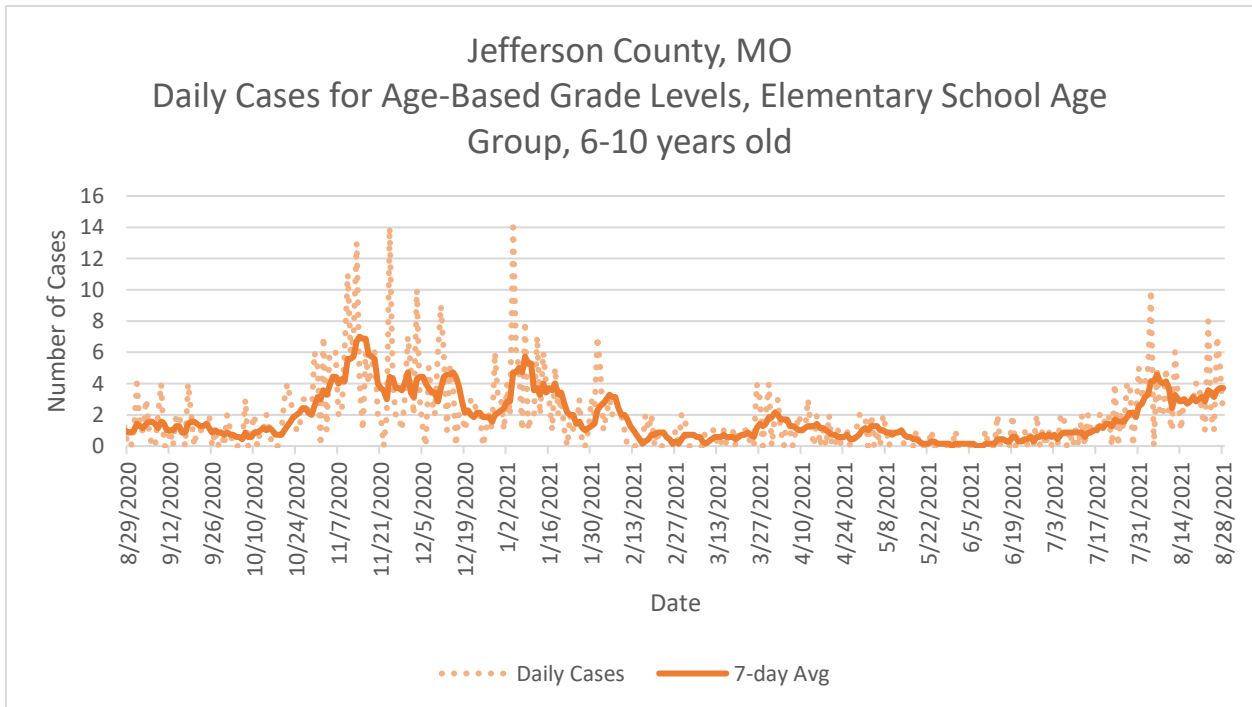


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

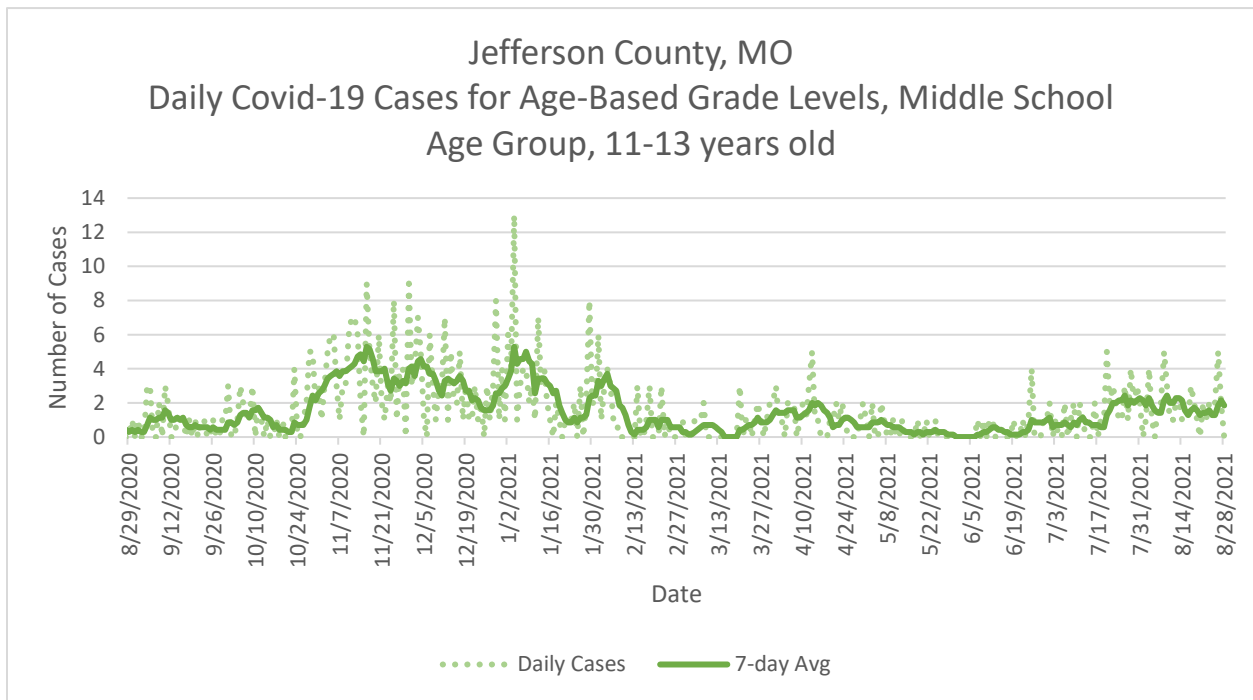


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

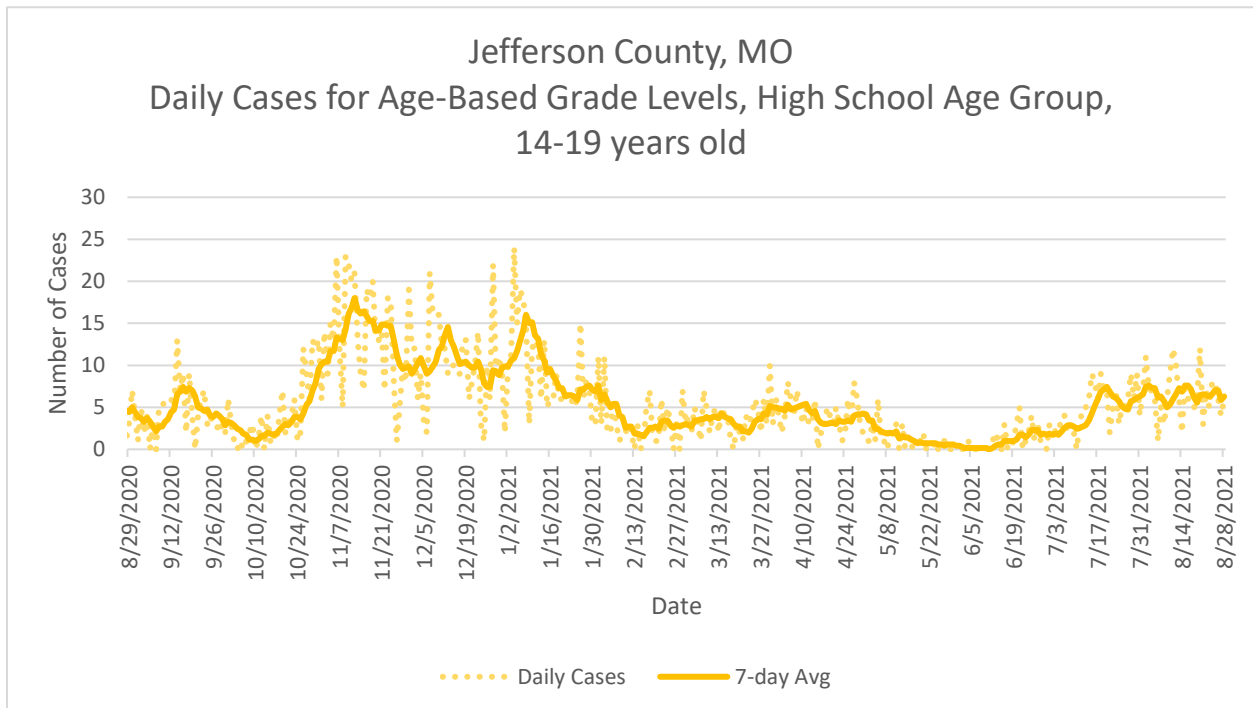


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

