



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 35: August 29- September 4

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

SUMMARY:

- During Week 35 a total of 661 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 28273 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 35.
- During Week 35 a total of nine Covid-19 associated deaths were reported in Jefferson County. A cumulative total of 278 Covid-19 associated deaths have been reported in Jefferson County as of Week 35.
- Five outbreaks of Covid-19 were reported in long-term care facilities (LTCF) in Jefferson County during Week 35.¹

¹ 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
48	11/22/2020	1139	11527
49	11/29/2020	1242	12769
50	12/6/2020	1089	13858
51	12/13/2020	942	14800
52	12/20/2020	713	15513
53	12/27/2020	1064	16577
1	1/3/2021	1224	17801
2	1/10/2021	887	18688
3	1/17/2021	630	19318
4	1/24/2021	523	19841
5	1/31/2021	375	20216
6	2/7/2021	255	20471
7	2/14/2021	211	20682
8	2/21/2021	190	20872
9	2/28/2021	171	21043
10	3/7/2021	174	21217
11	3/14/2021	209	21426
12	3/21/2021	282	21708
13	3/28/2021	315	22023
14	4/4/2021	327	22350
15	4/11/2021	267	22617
16	4/18/2021	203	22820
17	4/25/2021	183	23003
18	5/2/2021	138	23141
19	5/9/2021	114	23255
20	5/16/2021	75	23330
21	5/23/2021	60	23390
22	5/30/2021	57	23447
23	6/6/2021	56	23503
24	6/13/2021	73	23576
25	6/20/2021	88	23664
26	6/27/2021	145	23809
27	7/4/2021	181	23990
28	7/11/2021	298	24288
29	7/18/2021	401	24689
30	7/25/2021	559	25248
31	8/1/2021	591	25839
32	8/8/2021	618	26457
33	8/15/2021	554	27011
34	8/22/2021	601	27612
35	8/29/2021	661	28273

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

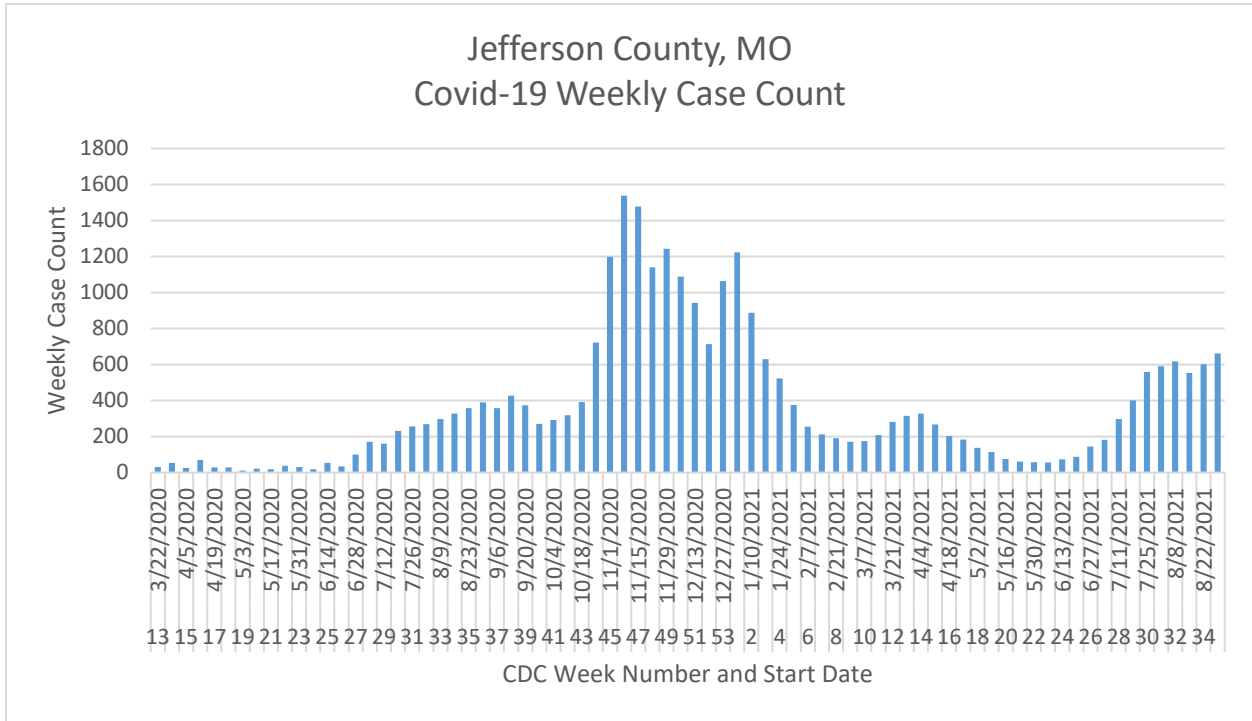


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

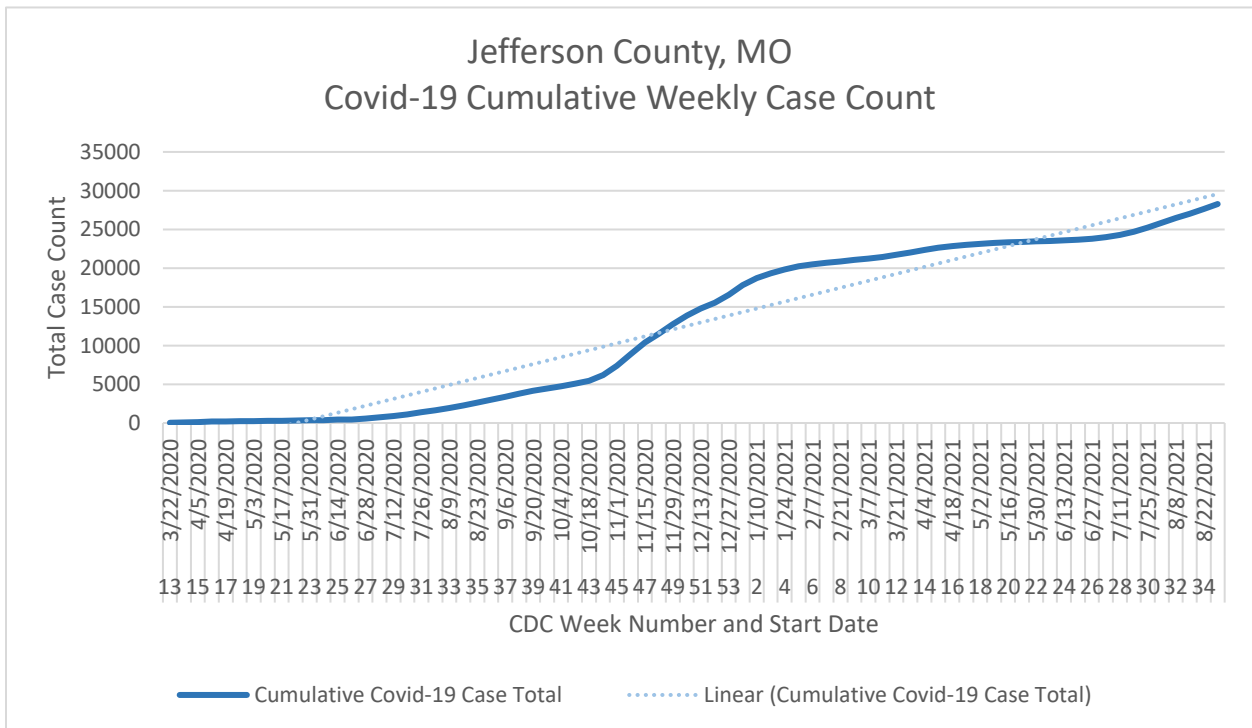


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

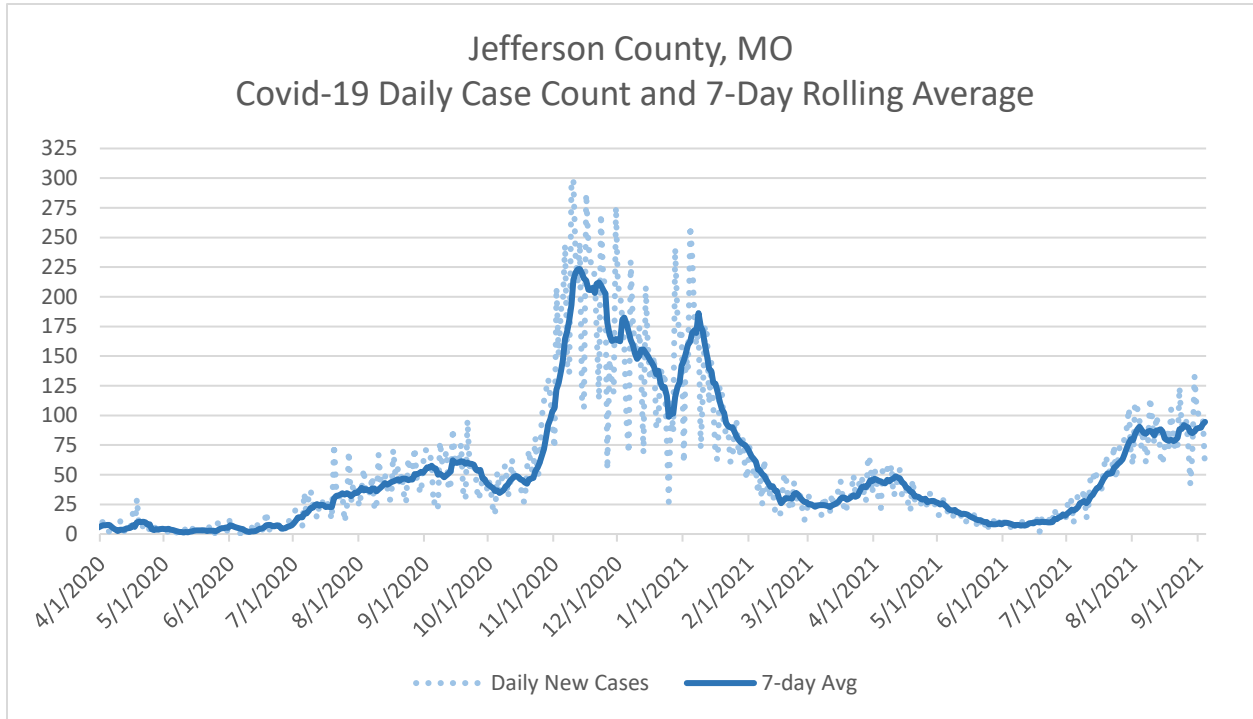


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

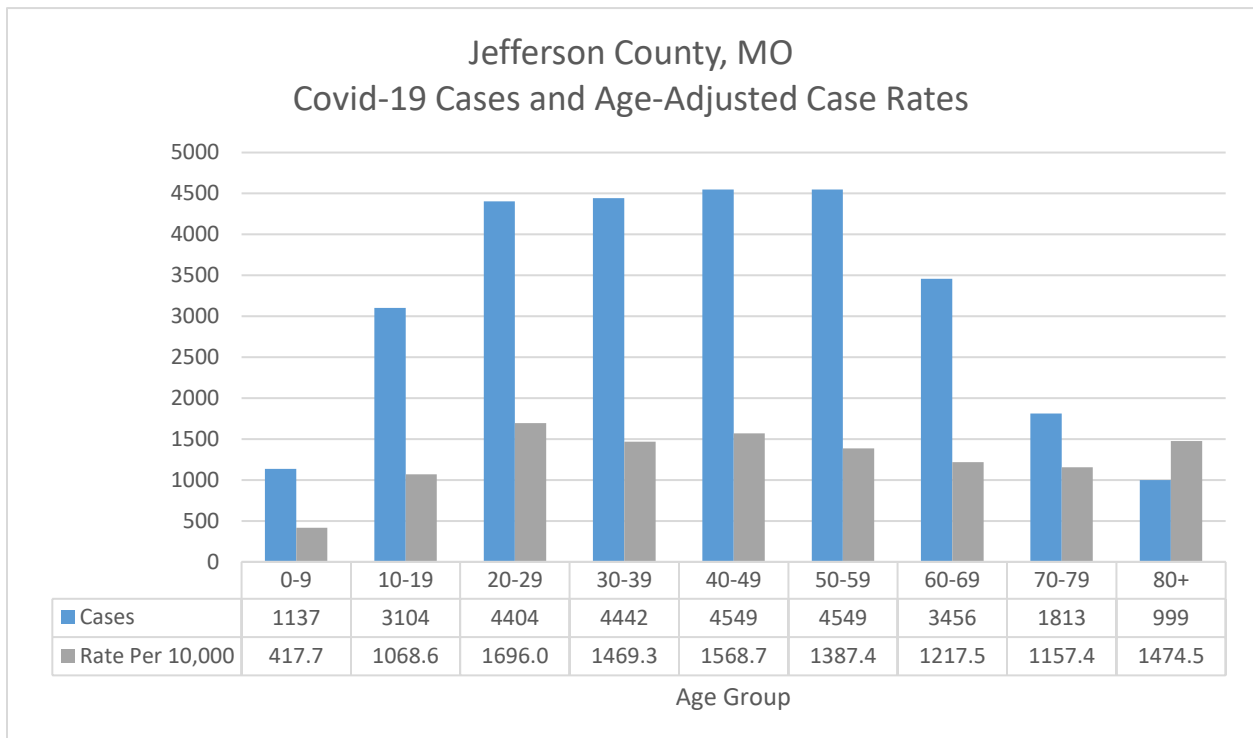


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

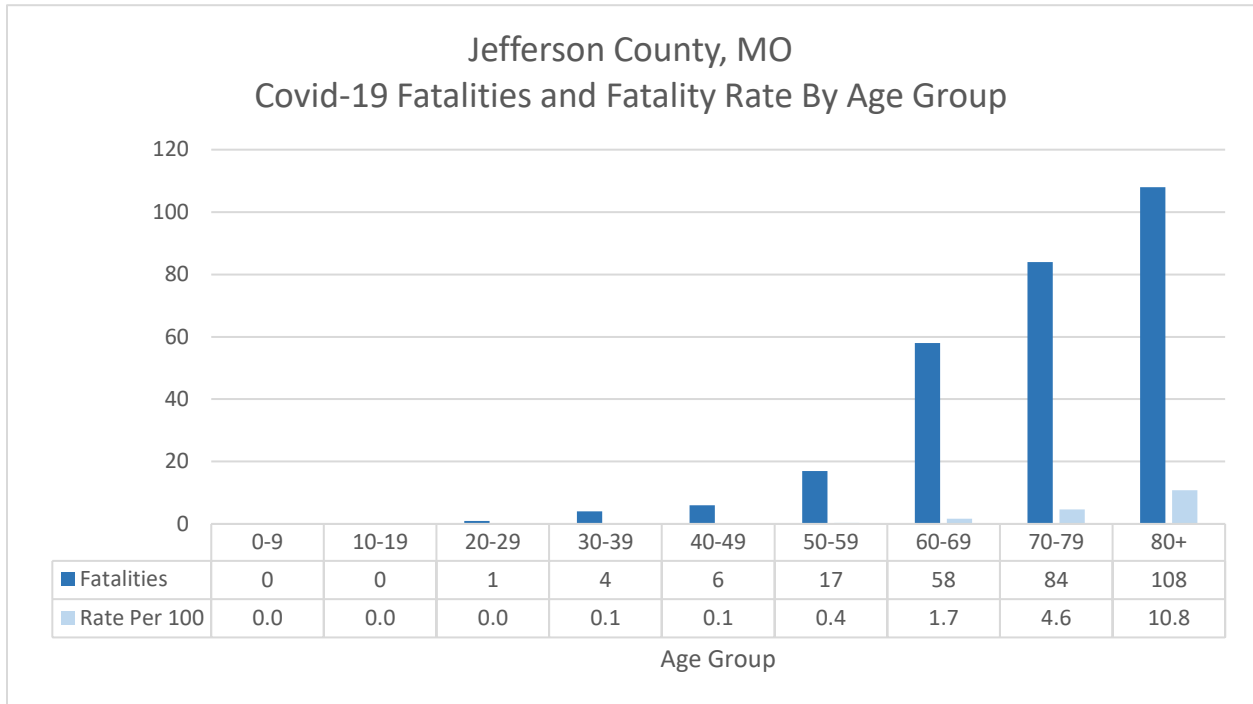


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.98%
Missouri	1.38%
US	1.61%

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

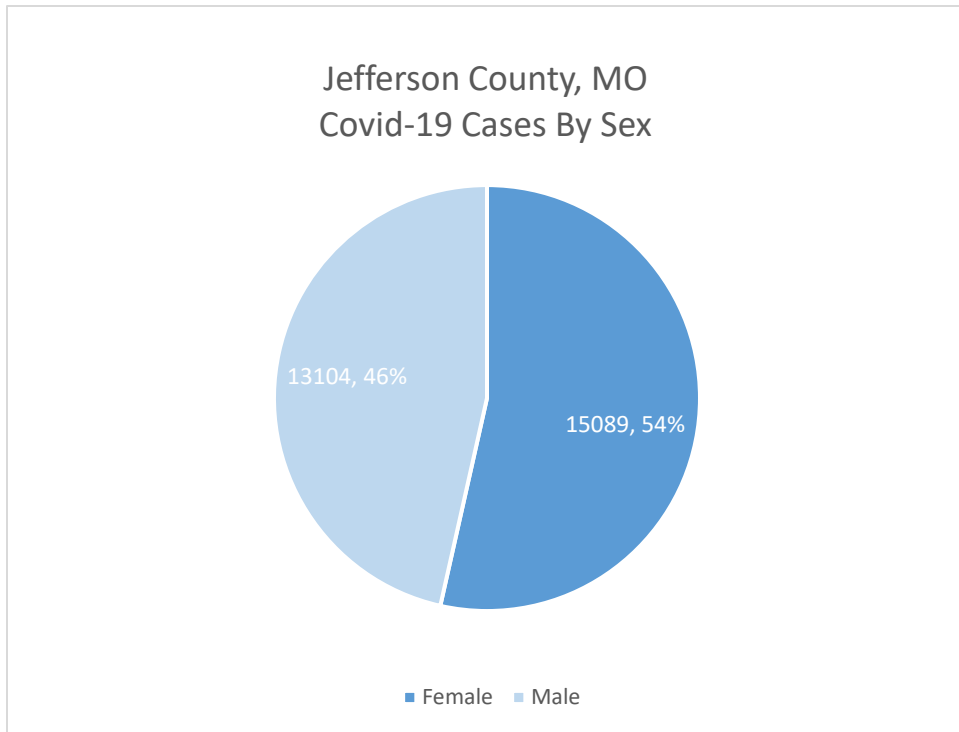


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

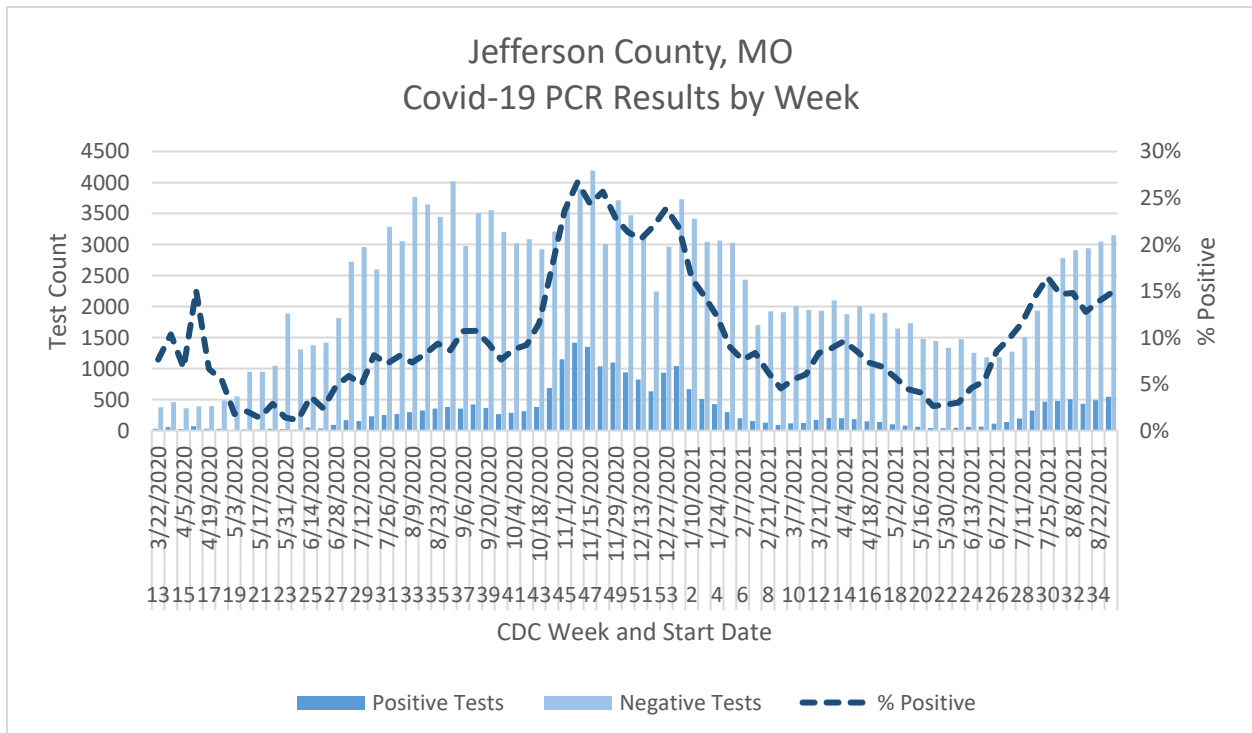


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

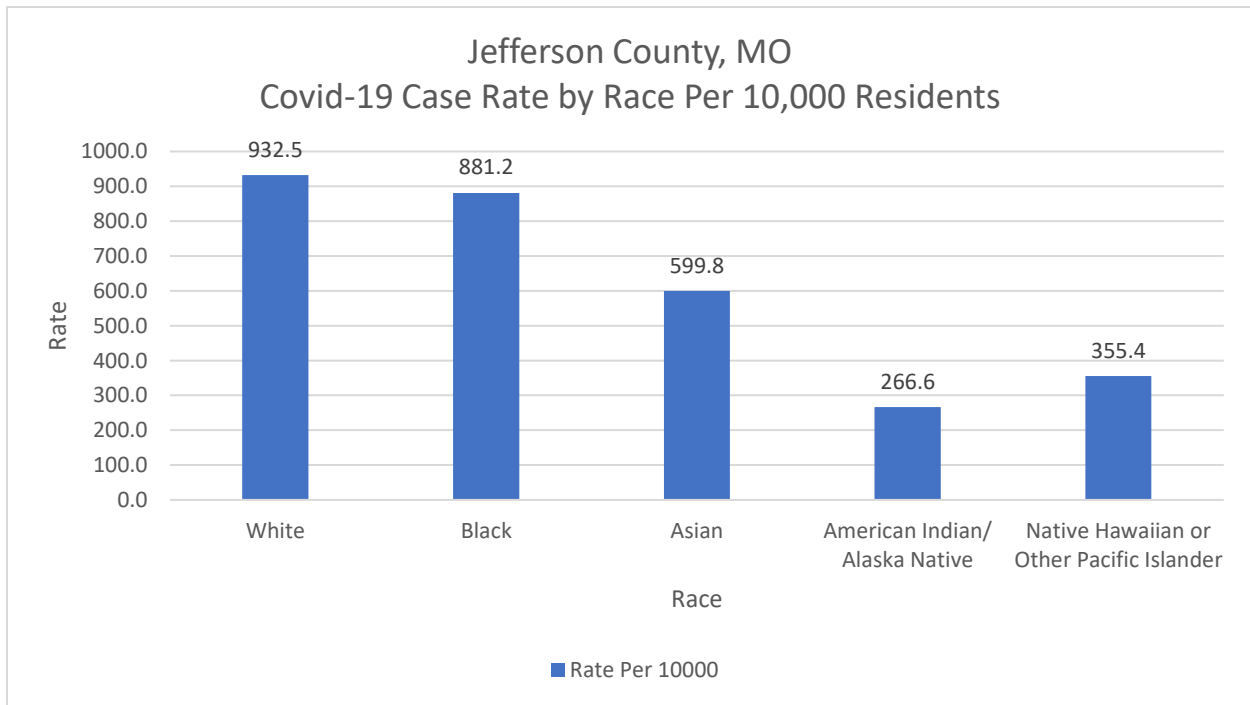
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
46	11/8/2020	1420	3896	5316	26.7%
47	11/15/2020	1351	4193	5544	24.4%
48	11/22/2020	1038	3005	4043	25.7%
49	11/29/2020	1099	3712	4811	22.8%
50	12/6/2020	940	3470	4410	21.3%
51	12/13/2020	826	3184	4010	20.6%
52	12/20/2020	633	2245	2878	22.0%
53	12/27/2020	931	2966	3897	23.9%
1	1/3/2021	1040	3732	4772	21.8%
2	1/10/2021	668	3416	4084	16.4%
3	1/17/2021	512	3044	3556	14.4%
4	1/24/2021	428	3064	3492	12.3%
5	1/31/2021	299	3027	3326	9.0%
6	2/7/2021	200	2434	2634	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	125	1946	2071	6.0%
12	3/21/2021	176	1932	2108	8.3%
13	3/28/2021	204	2097	2301	8.9%
14	4/4/2021	200	1878	2078	9.6%
15	4/11/2021	187	2006	2193	8.5%
16	4/18/2021	148	1885	2033	7.3%
17	4/25/2021	140	1899	2039	6.9%
18	5/2/2021	100	1647	1747	5.7%
19	5/9/2021	81	1732	1813	4.5%
20	5/16/2021	63	1480	1543	4.1%
21	5/23/2021	39	1444	1483	2.6%
22	5/30/2021	38	1333	1371	2.8%
23	6/6/2021	46	1477	1523	3.0%
24	6/13/2021	60	1251	1311	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	1506	1703	11.6%
29	7/18/2021	325	1935	2260	14.4%
30	7/25/2021	466	2361	2827	16.5%
31	8/1/2021	479	2786	3265	14.7%
32	8/8/2021	505	2908	3413	14.8%
33	8/15/2021	430	2940	3370	12.8%
34	8/22/2021	490	3050	3540	13.8%
35	8/29/2021	546	3150	3696	14.8%

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

Race	Cases	Rate Per 10000
White	20170	932.5
Black	238	881.2
Asian	108	599.8
American Indian/ Alaska Native	18	266.6
Native Hawaiian or Other Pacific Islander	8	355.4
Unknown	3613	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 Active Cases by Zip Code, Jefferson County, Missouri

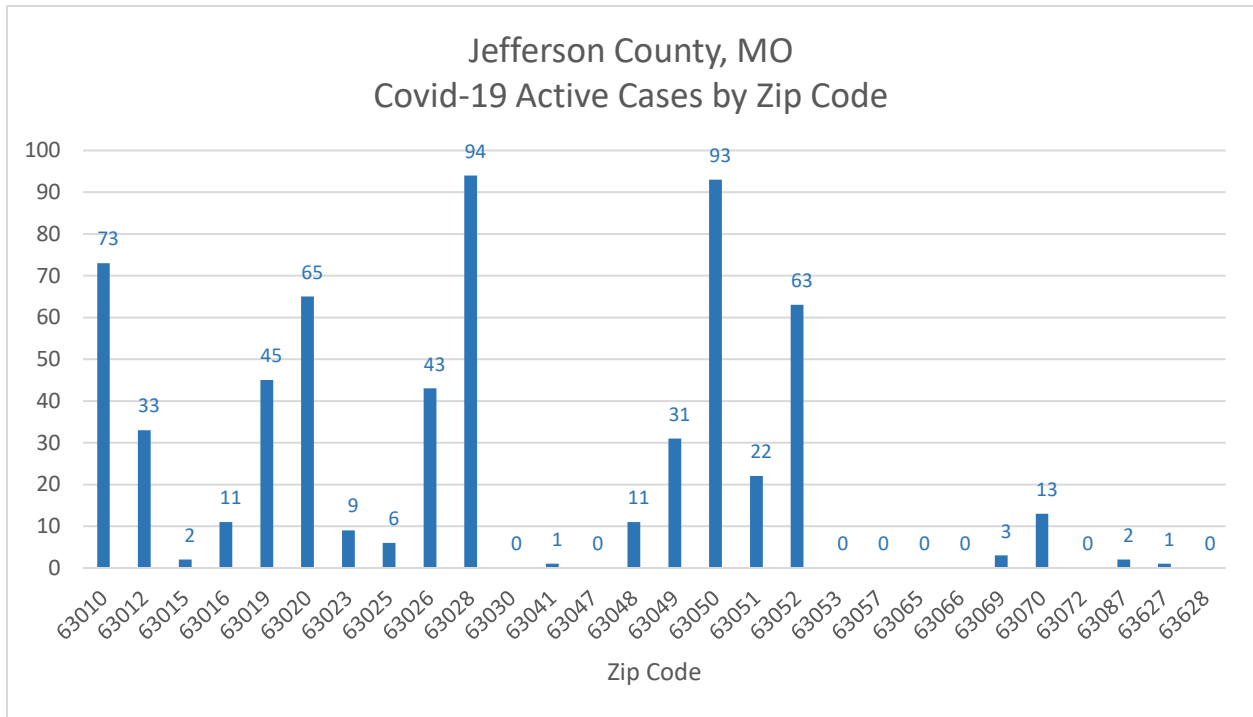
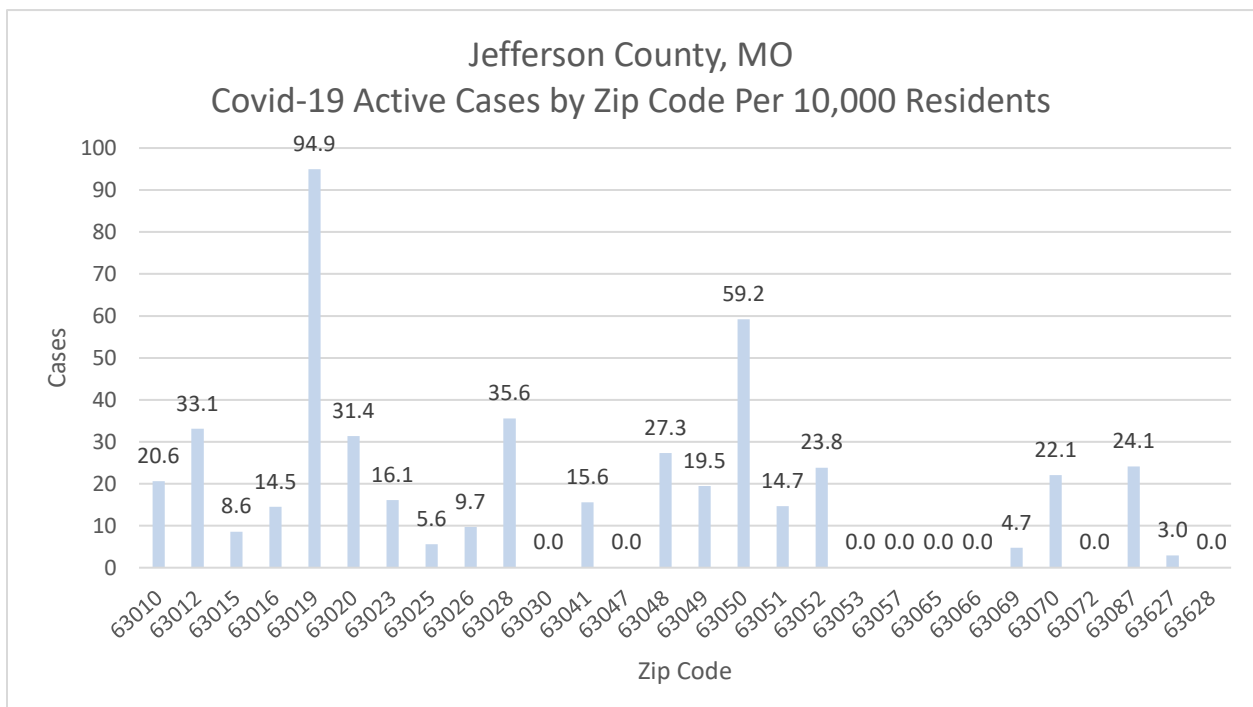


Figure 10. Covid-19 Active Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 35: August 29- September 4

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

SUMMARY:

- During Week 35 a total of 196 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 4181 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
50	12/6/2020	169	1715
51	12/13/2020	126	1841
52	12/20/2020	86	1927
53	12/27/2020	139	2066
1	1/3/2021	194	2260
2	1/10/2021	128	2388
3	1/17/2021	73	2461
4	1/24/2021	85	2546
5	1/31/2021	92	2638
6	2/7/2021	28	2666
7	2/14/2021	33	2699
8	2/21/2021	30	2729
9	2/28/2021	33	2762
10	3/7/2021	35	2797
11	3/14/2021	31	2828
12	3/21/2021	46	2874
13	3/28/2021	62	2936
14	4/4/2021	58	2994
15	4/11/2021	48	3042
16	4/18/2021	43	3085
17	4/25/2021	48	3133
18	5/2/2021	34	3167
19	5/9/2021	22	3189
20	5/16/2021	12	3201
21	5/23/2021	6	3207
22	5/30/2021	4	3211
23	6/6/2021	7	3218
24	6/13/2021	13	3231
25	6/20/2021	26	3257
26	6/27/2021	25	3282
27	7/4/2021	34	3316
28	7/11/2021	66	3382
29	7/18/2021	76	3458
30	7/25/2021	105	3563
31	8/1/2021	101	3664
32	8/8/2021	103	3767
33	8/15/2021	111	3878
34	8/22/2021	107	3985
35	8/29/2021	196	4181

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

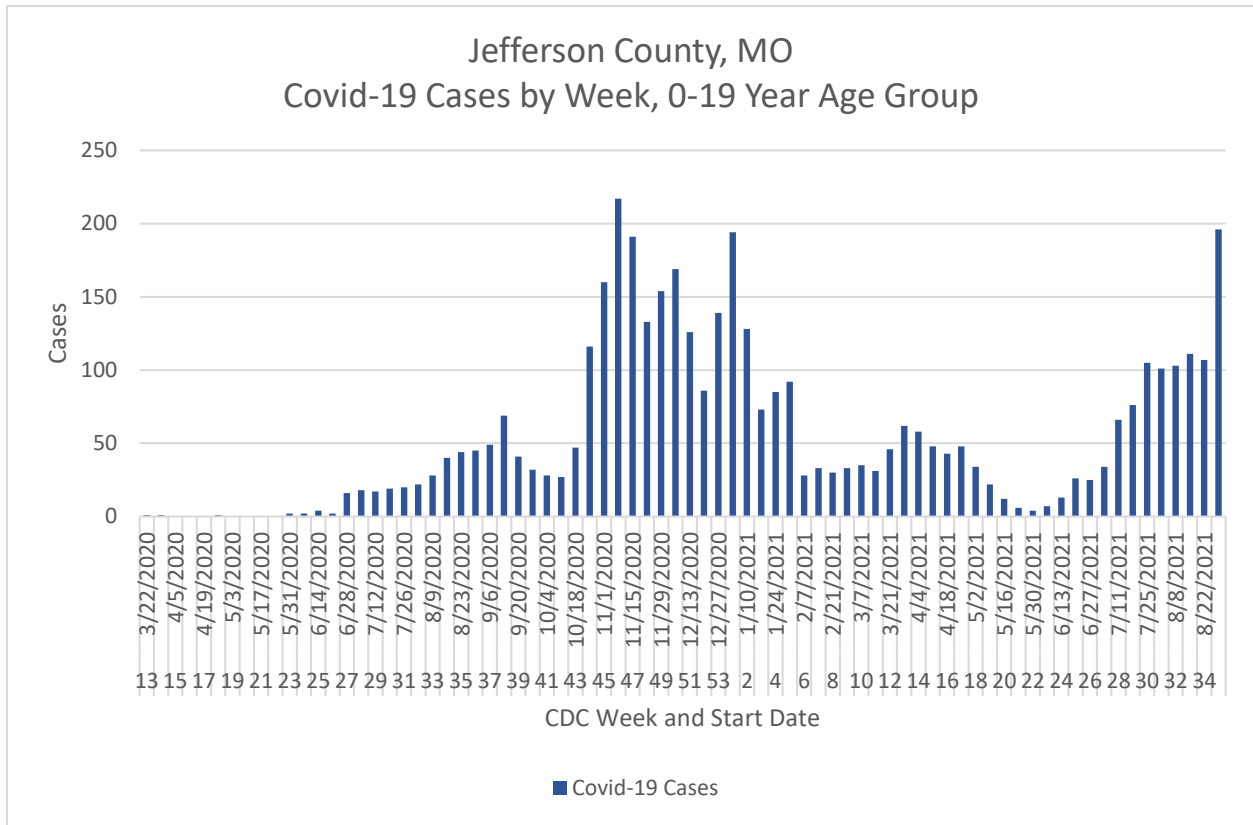


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	1,137	4.00%
10-19	3,104	10.91%
20+	24,212	85.09%

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

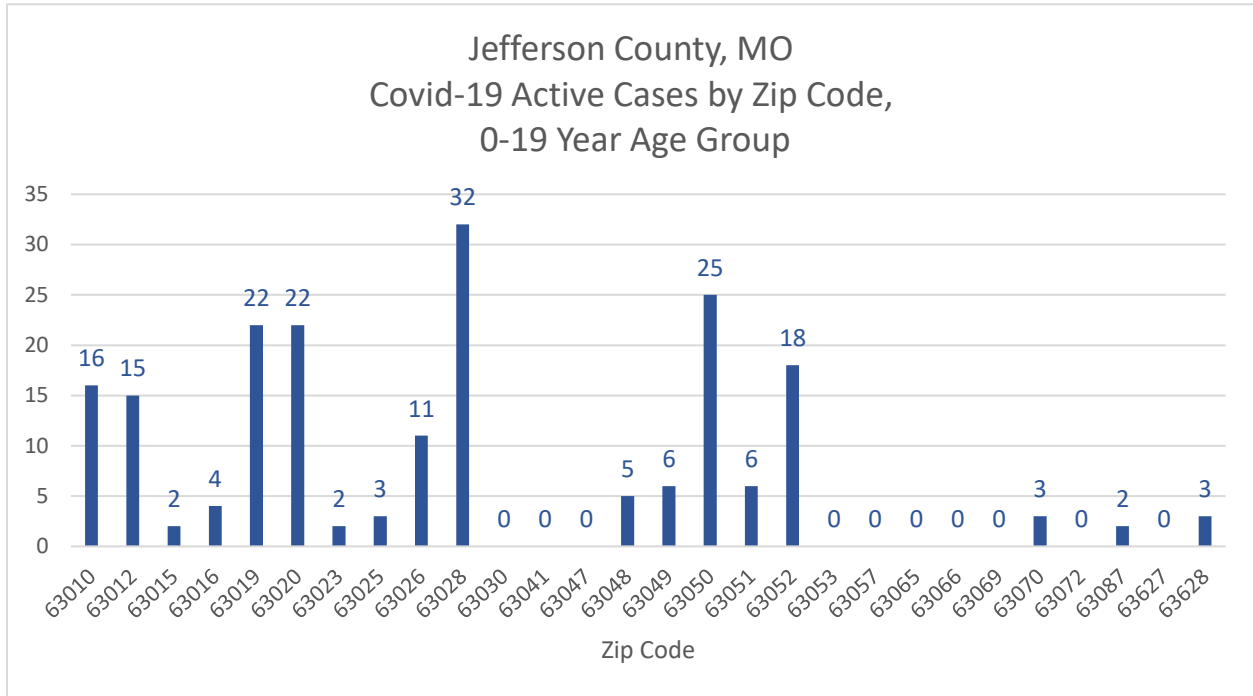


Figure 3. Covid-19 Active and Cumulative Cases by Age-Based Grade Levels, Jefferson County, Missouri

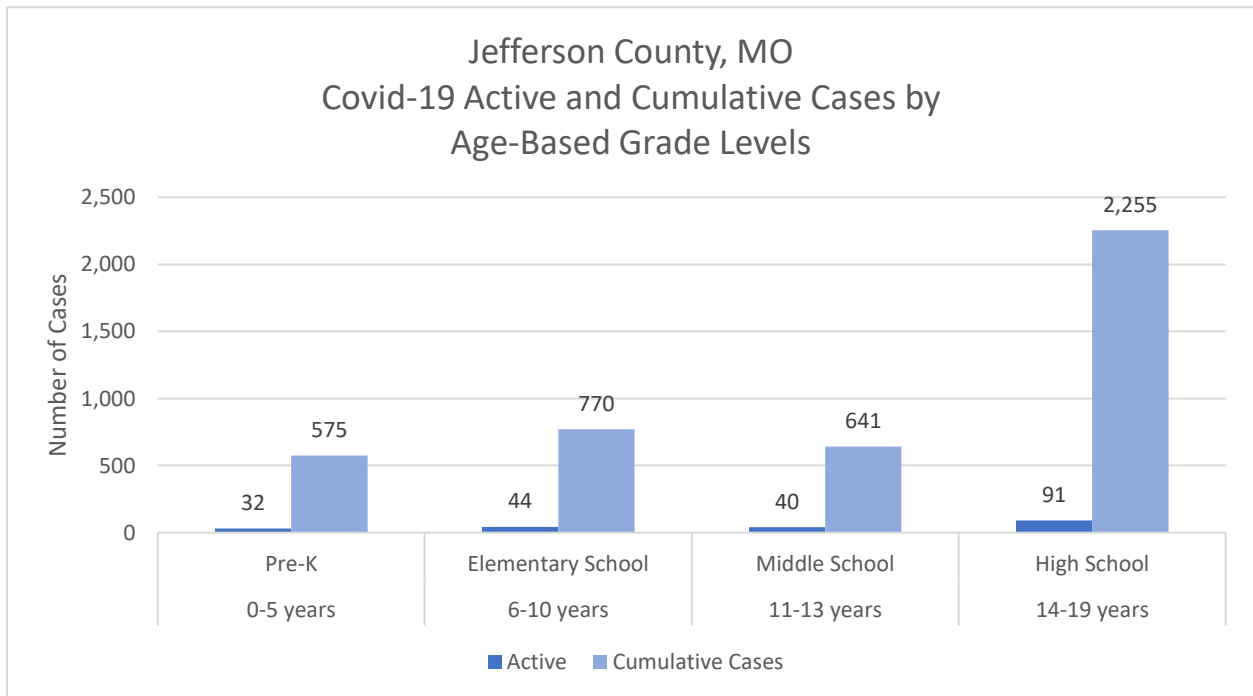


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

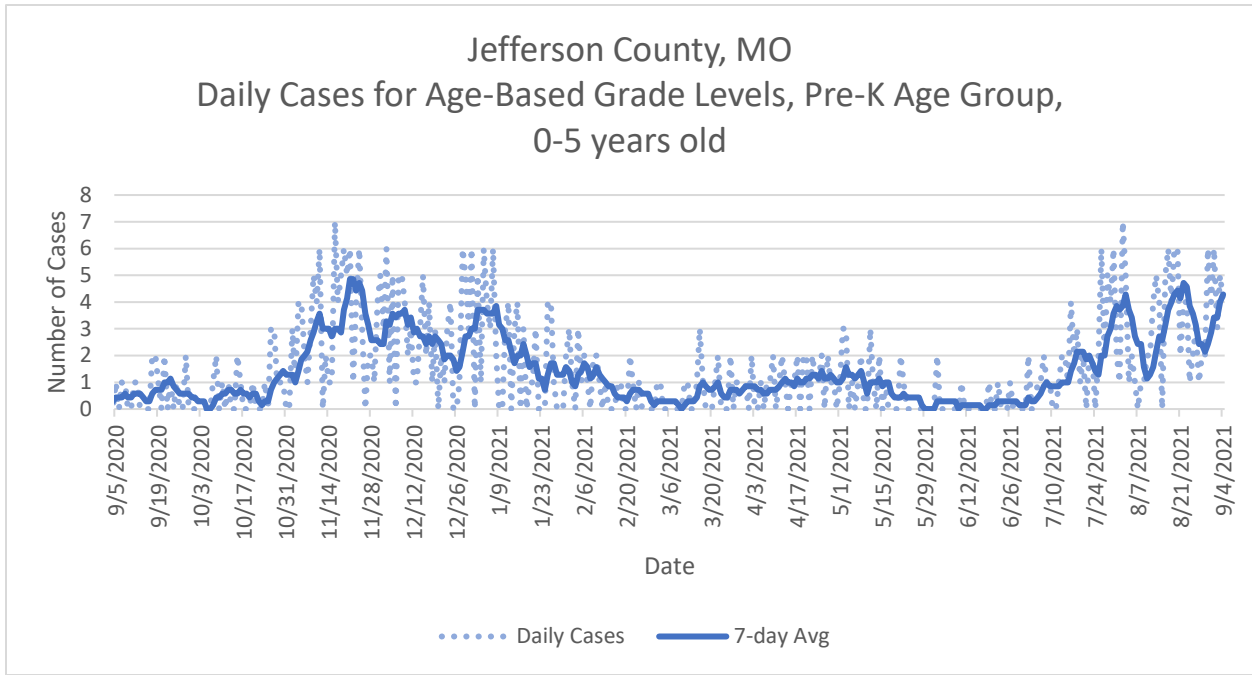


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

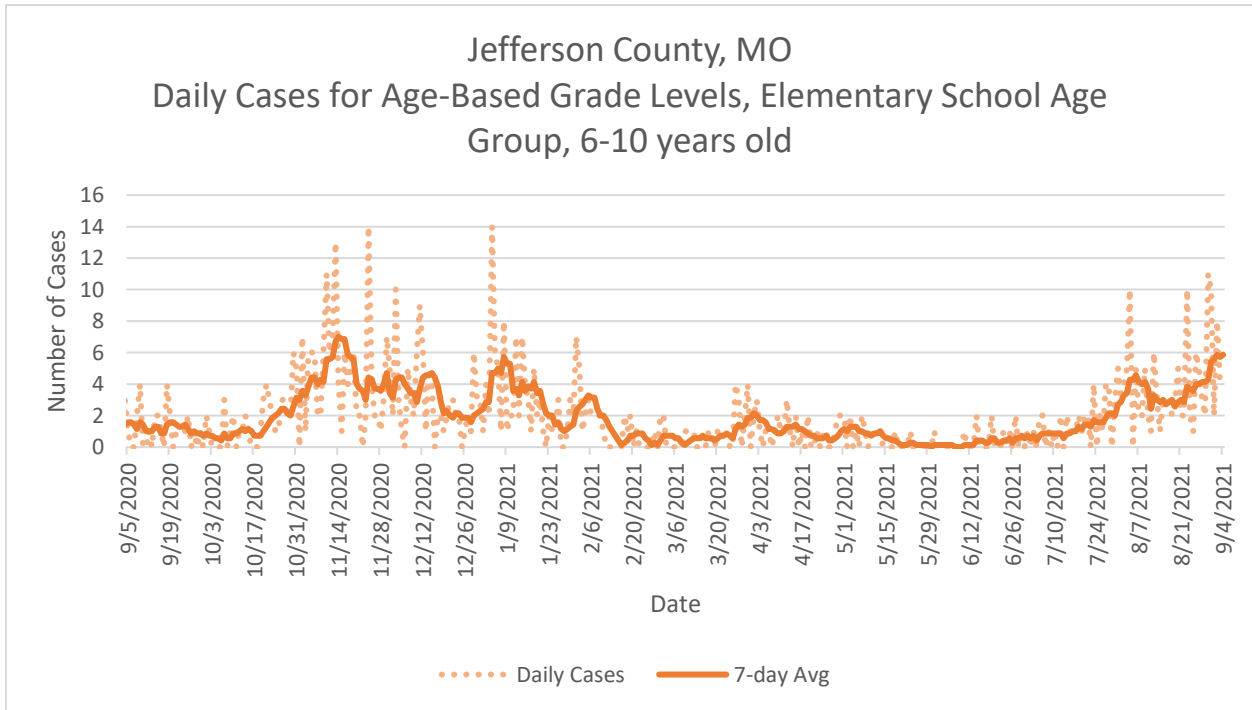


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

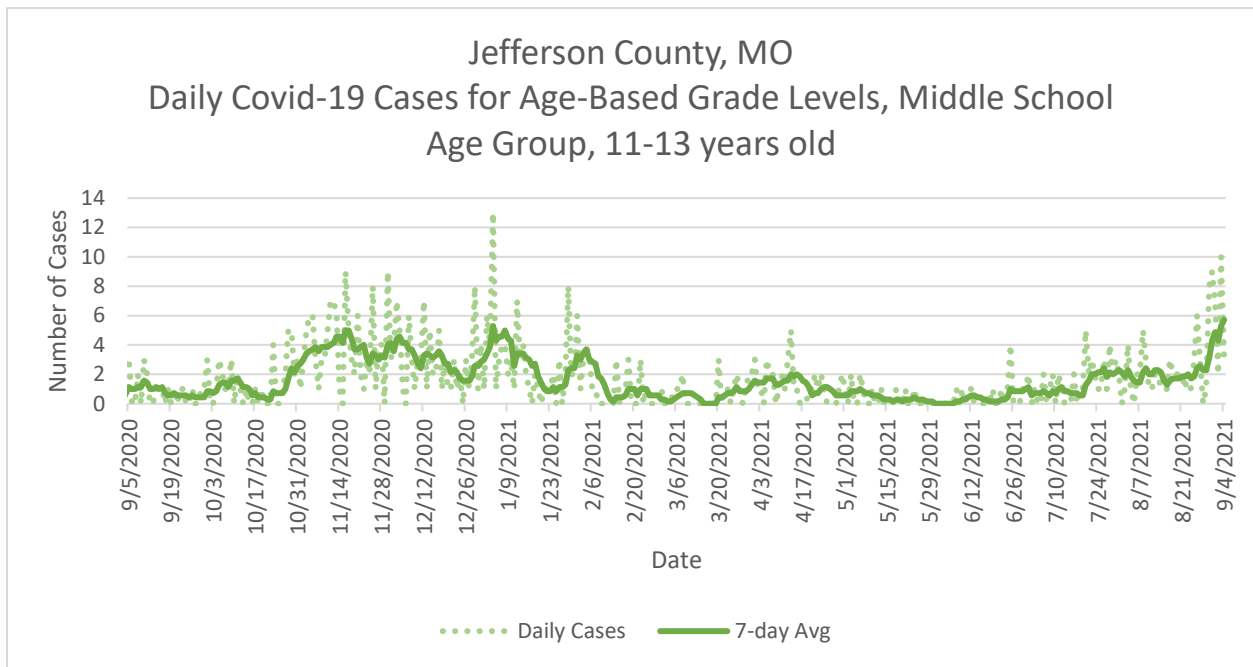


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

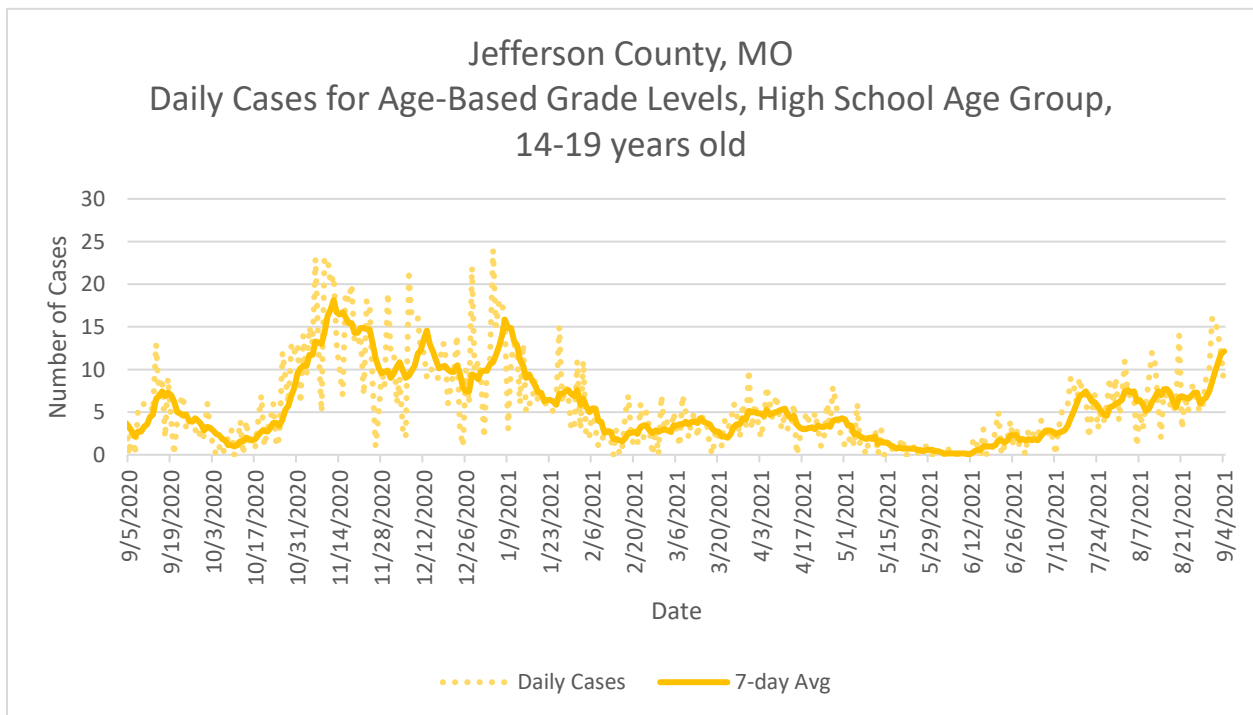


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

