



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 37: September 12- September 18

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

SUMMARY:

- During Week 37 a total of 770 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 29745 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 37.
- During Week 37 a total of five Covid-19 associated deaths were reported in Jefferson County. A cumulative total of 288 Covid-19 associated deaths have been reported in Jefferson County as of Week 37.
- Four outbreaks of Covid-19 were reported in long-term care facilities (LTCF) in Jefferson County during Week 37.¹

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
50	12/6/2020	1089	13829
51	12/13/2020	942	14771
52	12/20/2020	712	15483
53	12/27/2020	1063	16546
1	1/3/2021	1224	17770
2	1/10/2021	886	18656
3	1/17/2021	630	19286
4	1/24/2021	522	19808
5	1/31/2021	374	20182
6	2/7/2021	253	20435
7	2/14/2021	211	20646
8	2/21/2021	190	20836
9	2/28/2021	170	21006
10	3/7/2021	174	21180
11	3/14/2021	208	21388
12	3/21/2021	282	21670
13	3/28/2021	314	21984
14	4/4/2021	327	22311
15	4/11/2021	266	22577
16	4/18/2021	203	22780
17	4/25/2021	182	22962
18	5/2/2021	138	23100
19	5/9/2021	113	23213
20	5/16/2021	75	23288
21	5/23/2021	59	23347
22	5/30/2021	57	23404
23	6/6/2021	55	23459
24	6/13/2021	73	23532
25	6/20/2021	88	23620
26	6/27/2021	145	23765
27	7/4/2021	180	23945
28	7/11/2021	295	24240
29	7/18/2021	400	24640
30	7/25/2021	557	25197
31	8/1/2021	591	25788
32	8/8/2021	616	26404
33	8/15/2021	559	26963
34	8/22/2021	598	27561
35	8/29/2021	687	28248
36	9/5/2021	727	28975
37	9/12/2021	770	29745

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

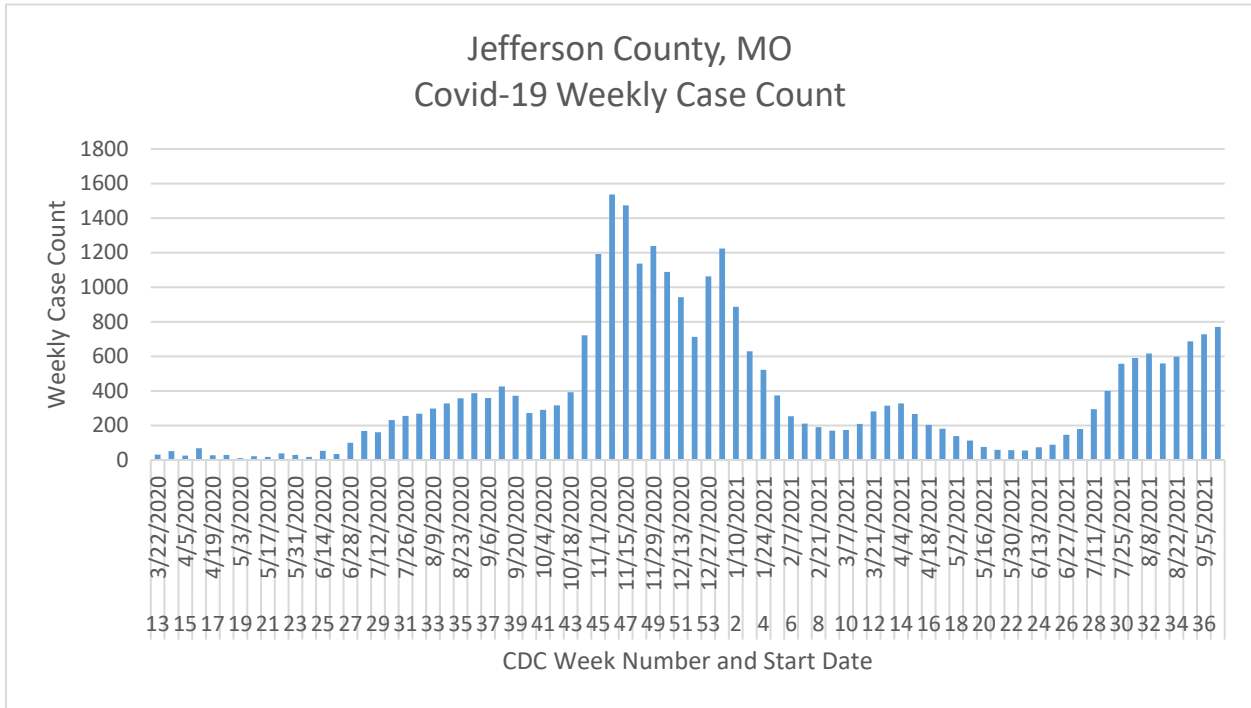


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

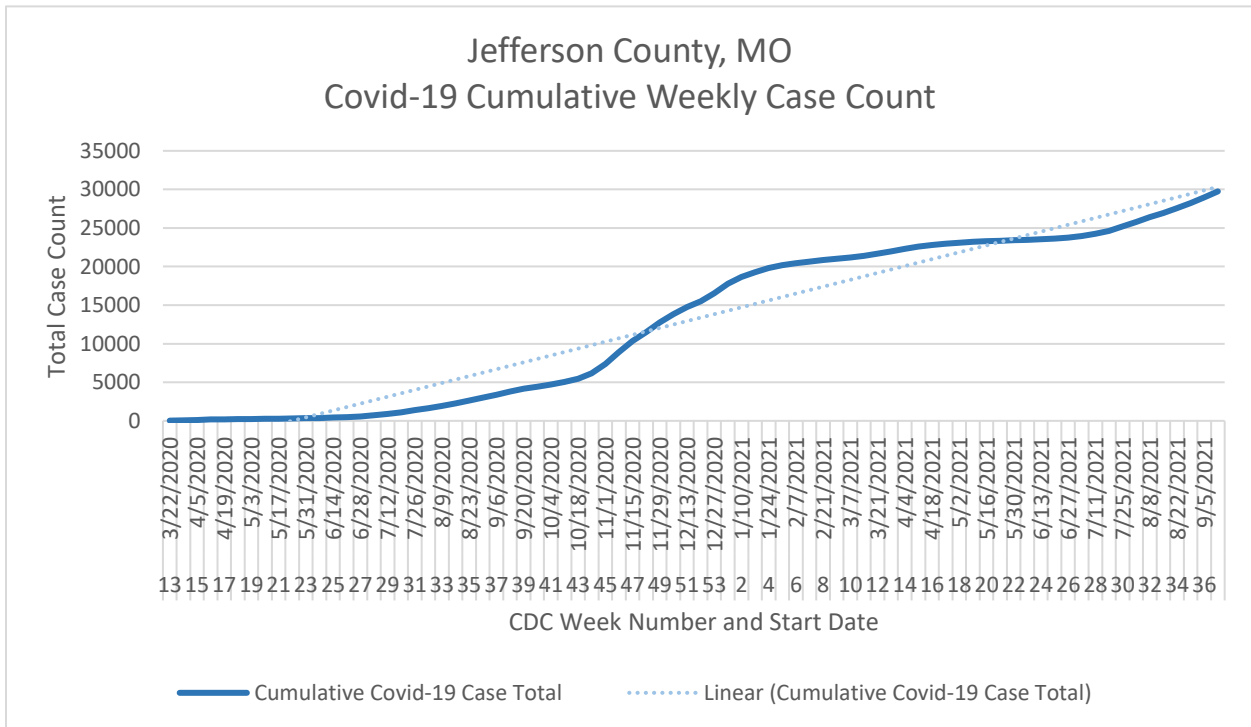


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

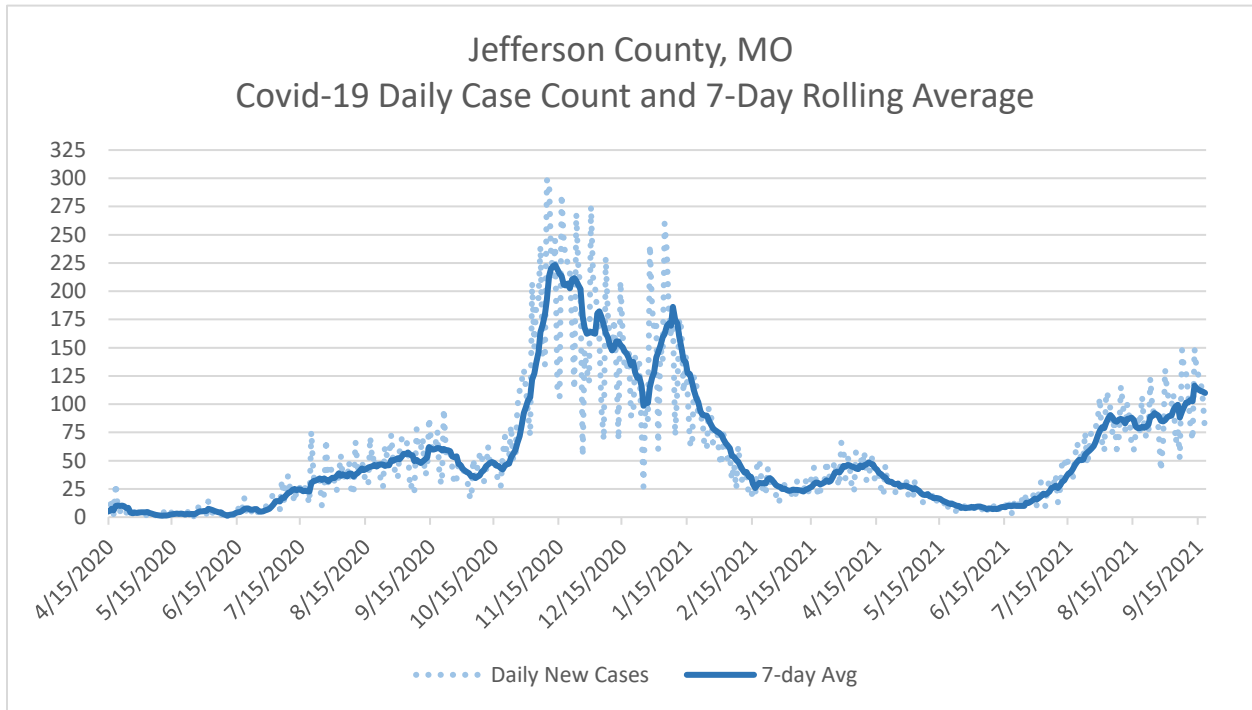


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

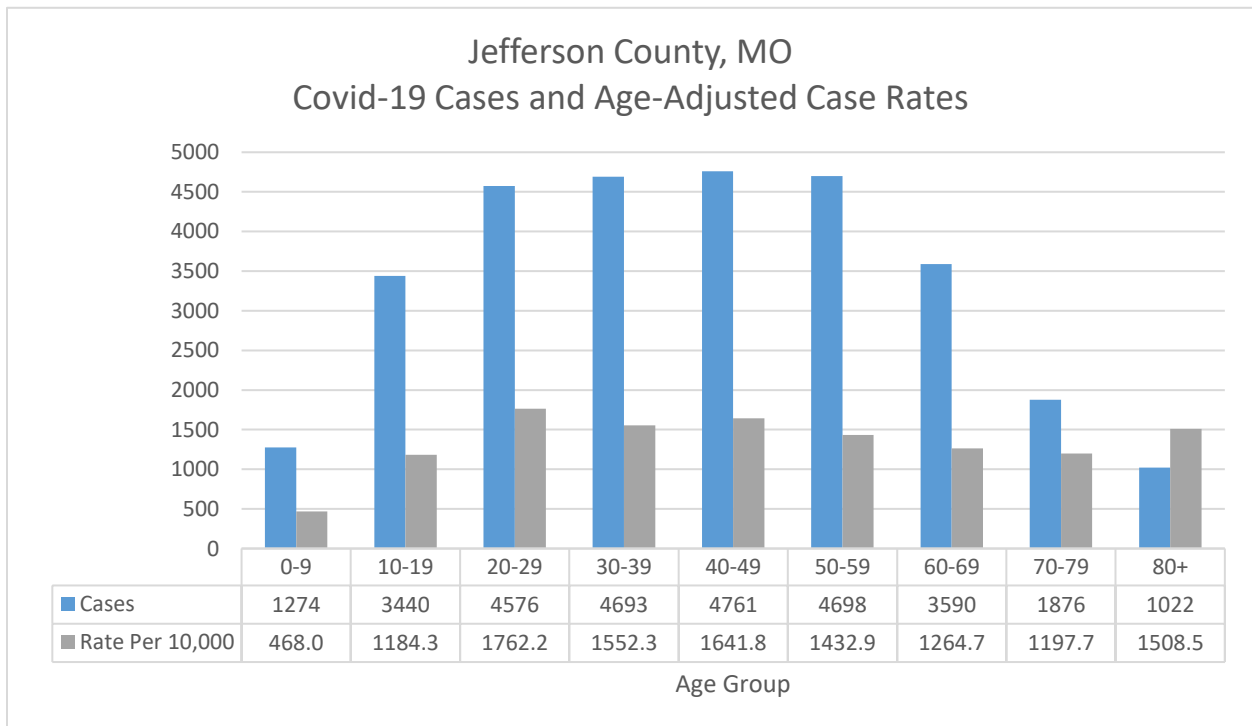


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

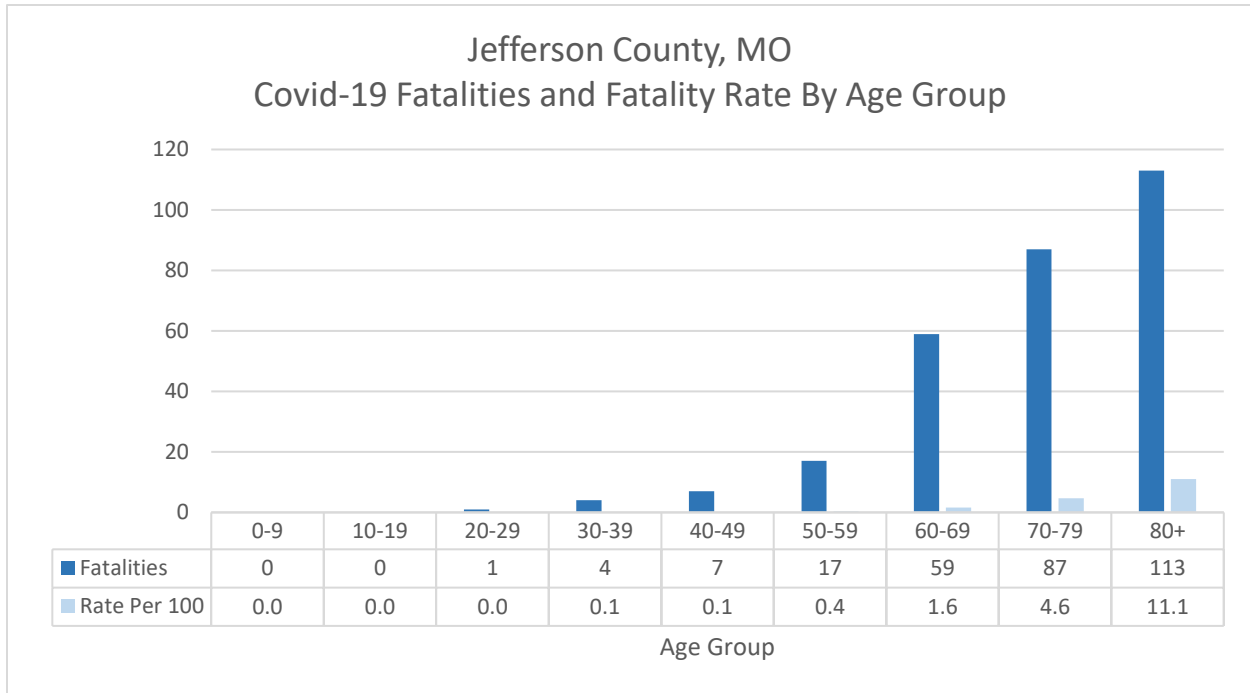


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.96%
Missouri	1.40%
US	1.60%

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

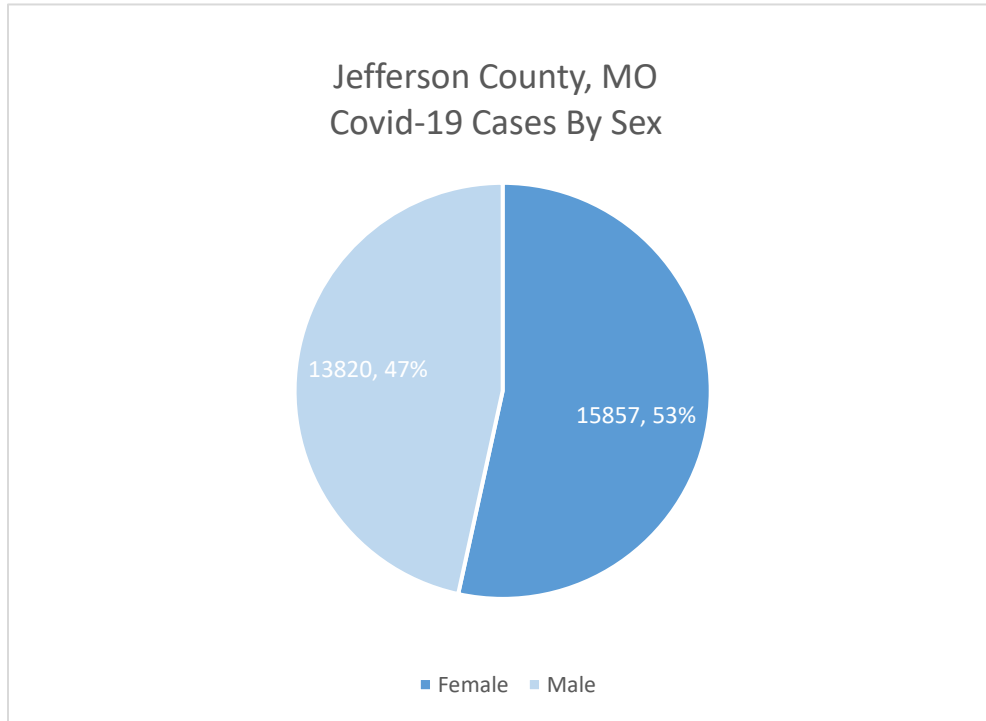


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

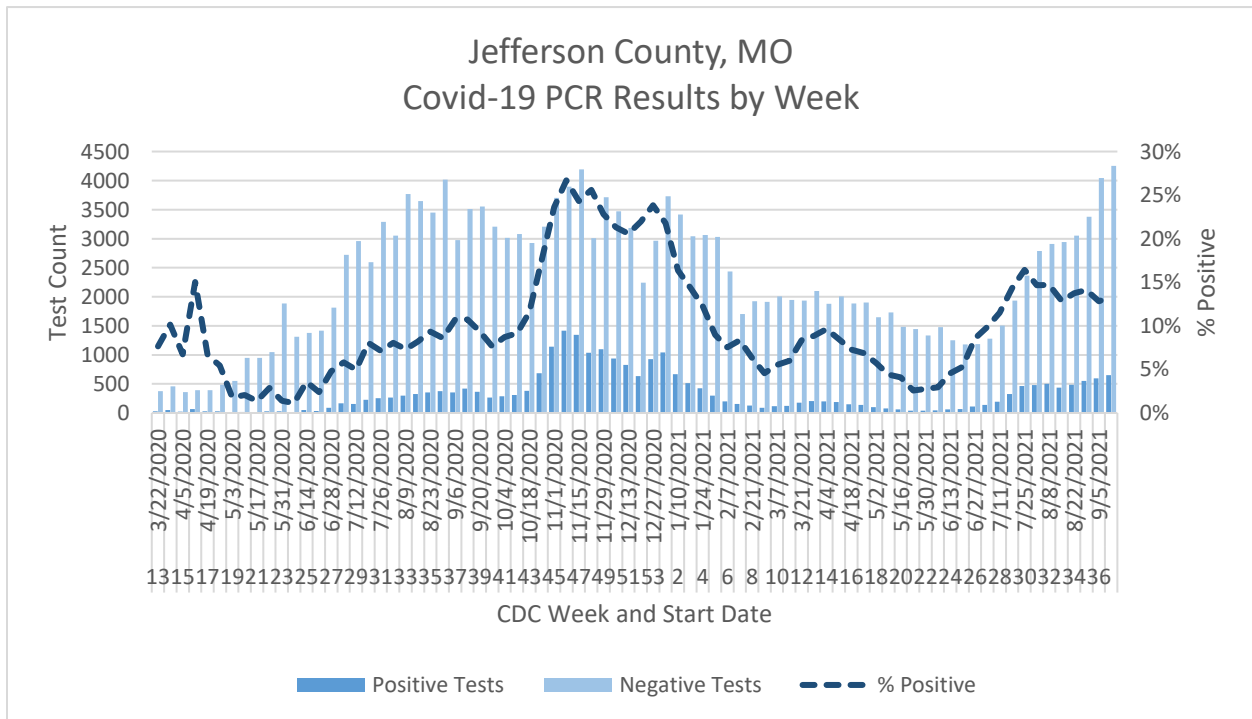


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

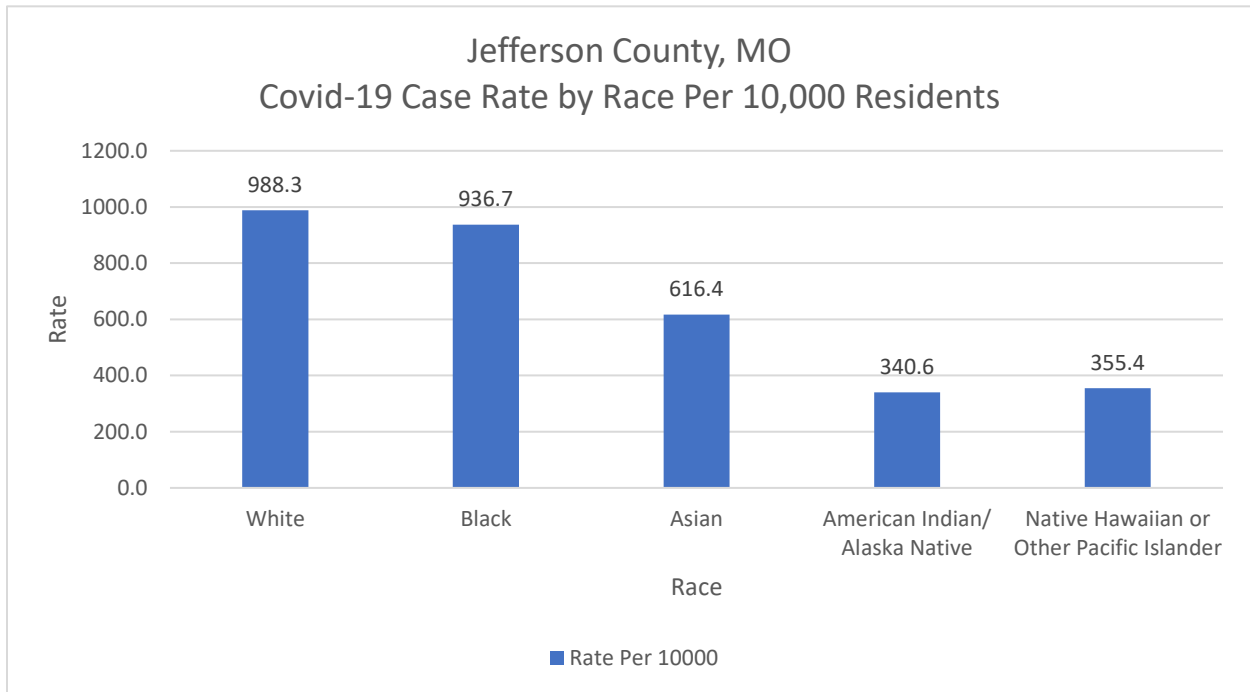
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
48	11/22/2020	1035	3006	4041	25.6%
49	11/29/2020	1097	3711	4808	22.8%
50	12/6/2020	940	3470	4410	21.3%
51	12/13/2020	825	3184	4009	20.6%
52	12/20/2020	632	2245	2877	22.0%
53	12/27/2020	929	2966	3895	23.9%
1	1/3/2021	1040	3732	4772	21.8%
2	1/10/2021	667	3417	4084	16.3%
3	1/17/2021	512	3044	3556	14.4%
4	1/24/2021	428	3064	3492	12.3%
5	1/31/2021	298	3028	3326	9.0%
6	2/7/2021	198	2434	2632	7.5%
7	2/14/2021	155	1701	1856	8.4%
8	2/21/2021	129	1926	2055	6.3%
9	2/28/2021	91	1910	2001	4.5%
10	3/7/2021	117	2007	2124	5.5%
11	3/14/2021	124	1946	2070	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	186	2006	2192	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	80	1731	1811	4.4%
20	5/16/2021	63	1481	1544	4.1%
21	5/23/2021	38	1444	1482	2.6%
22	5/30/2021	38	1333	1371	2.8%
23	6/6/2021	45	1477	1522	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	1277	1417	9.9%
28	7/11/2021	196	1506	1702	11.5%
29	7/18/2021	324	1935	2259	14.3%
30	7/25/2021	464	2362	2826	16.4%
31	8/1/2021	479	2788	3267	14.7%
32	8/8/2021	502	2910	3412	14.7%
33	8/15/2021	434	2942	3376	12.9%
34	8/22/2021	486	3055	3541	13.7%
35	8/29/2021	554	3375	3929	14.1%
36	9/5/2021	595	4042	4637	12.8%
37	9/12/2021	652	4251	4903	13.3%

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

Race	Cases	Rate Per 10000
White	21378	988.3
Black	253	936.7
Asian	111	616.4
American Indian/ Alaska Native	23	340.6
Native Hawaiian or Other Pacific Islander	8	355.4
Unknown	3745	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

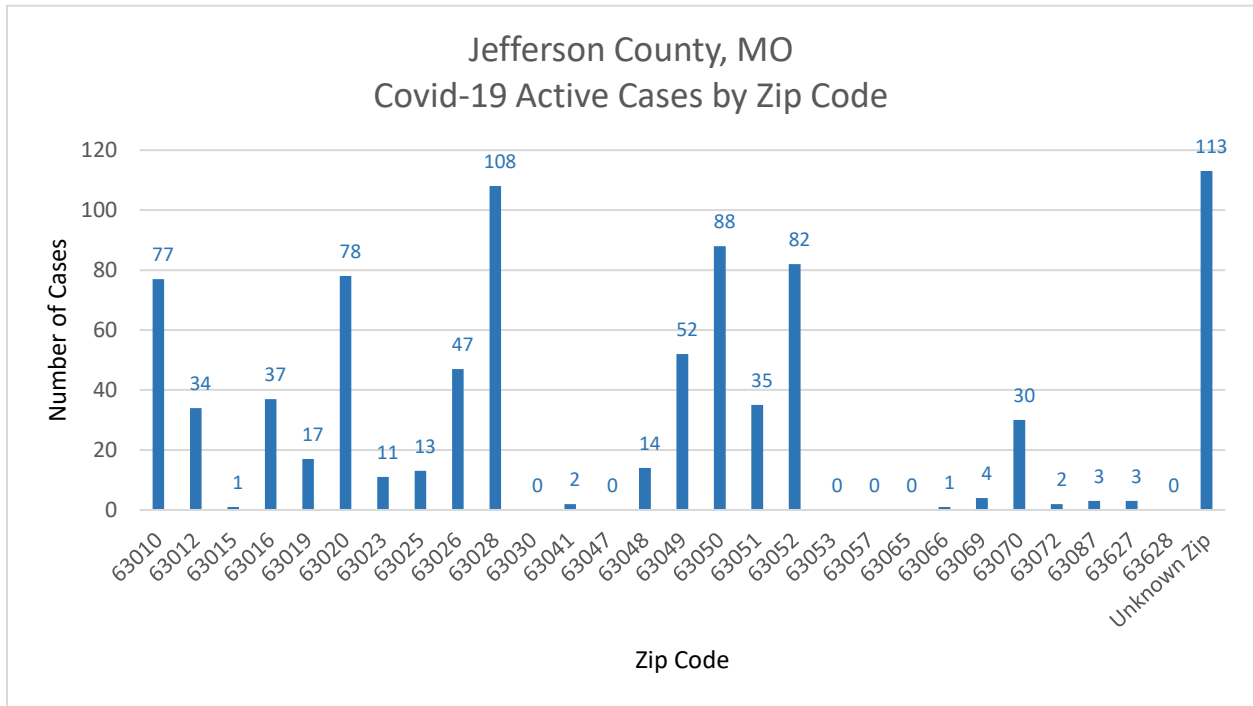
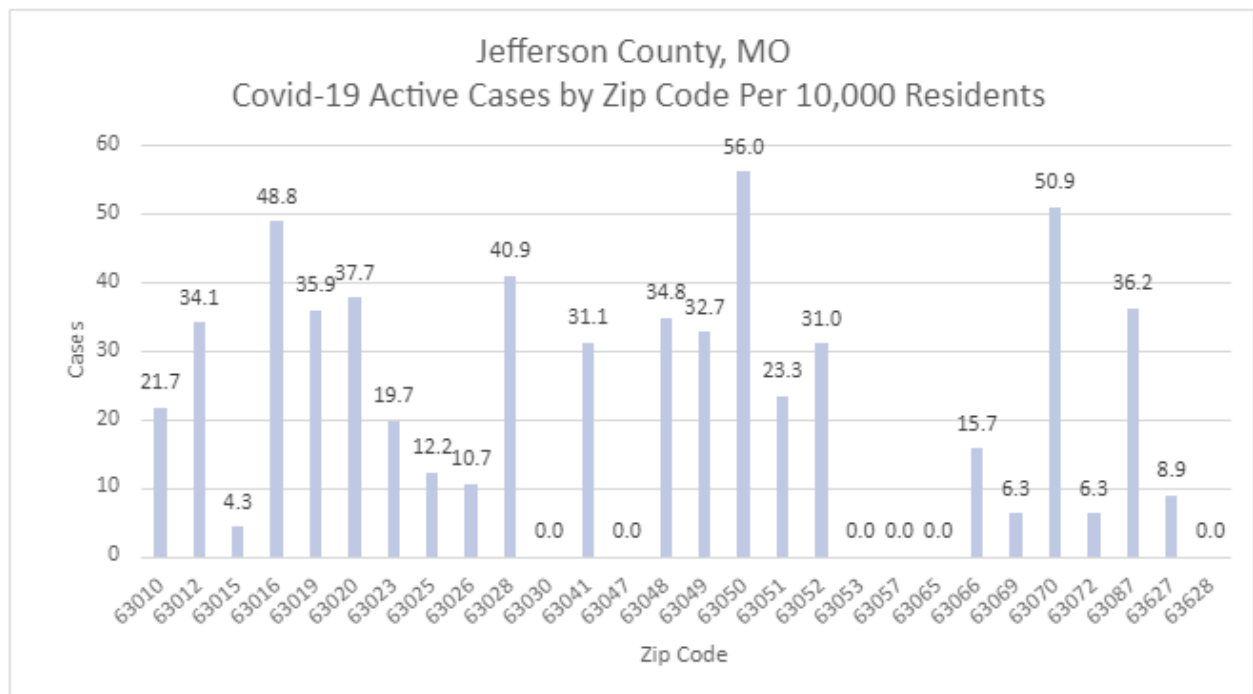


Figure 10. Covid-19 Active Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 37: September 12- September 18

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

SUMMARY:

- During Week 37 a total of 251 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 4652 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
52	12/20/2020	86	1911
53	12/27/2020	138	2049
1	1/3/2021	193	2242
2	1/10/2021	127	2369
3	1/17/2021	73	2442
4	1/24/2021	85	2527
5	1/31/2021	92	2619
6	2/7/2021	28	2647
7	2/14/2021	33	2680
8	2/21/2021	30	2710
9	2/28/2021	32	2742
10	3/7/2021	35	2777
11	3/14/2021	31	2808
12	3/21/2021	45	2853
13	3/28/2021	61	2914
14	4/4/2021	58	2972
15	4/11/2021	48	3020
16	4/18/2021	43	3063
17	4/25/2021	48	3111
18	5/2/2021	34	3145
19	5/9/2021	22	3167
20	5/16/2021	12	3179
21	5/23/2021	6	3185
22	5/30/2021	4	3189
23	6/6/2021	7	3196
24	6/13/2021	13	3209
25	6/20/2021	26	3235
26	6/27/2021	25	3260
27	7/4/2021	34	3294
28	7/11/2021	64	3358
29	7/18/2021	76	3434
30	7/25/2021	105	3539
31	8/1/2021	101	3640
32	8/8/2021	103	3743
33	8/15/2021	109	3852
34	8/22/2021	107	3959
35	8/29/2021	205	4164
36	9/5/2021	237	4401
37	9/12/2021	251	4652

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

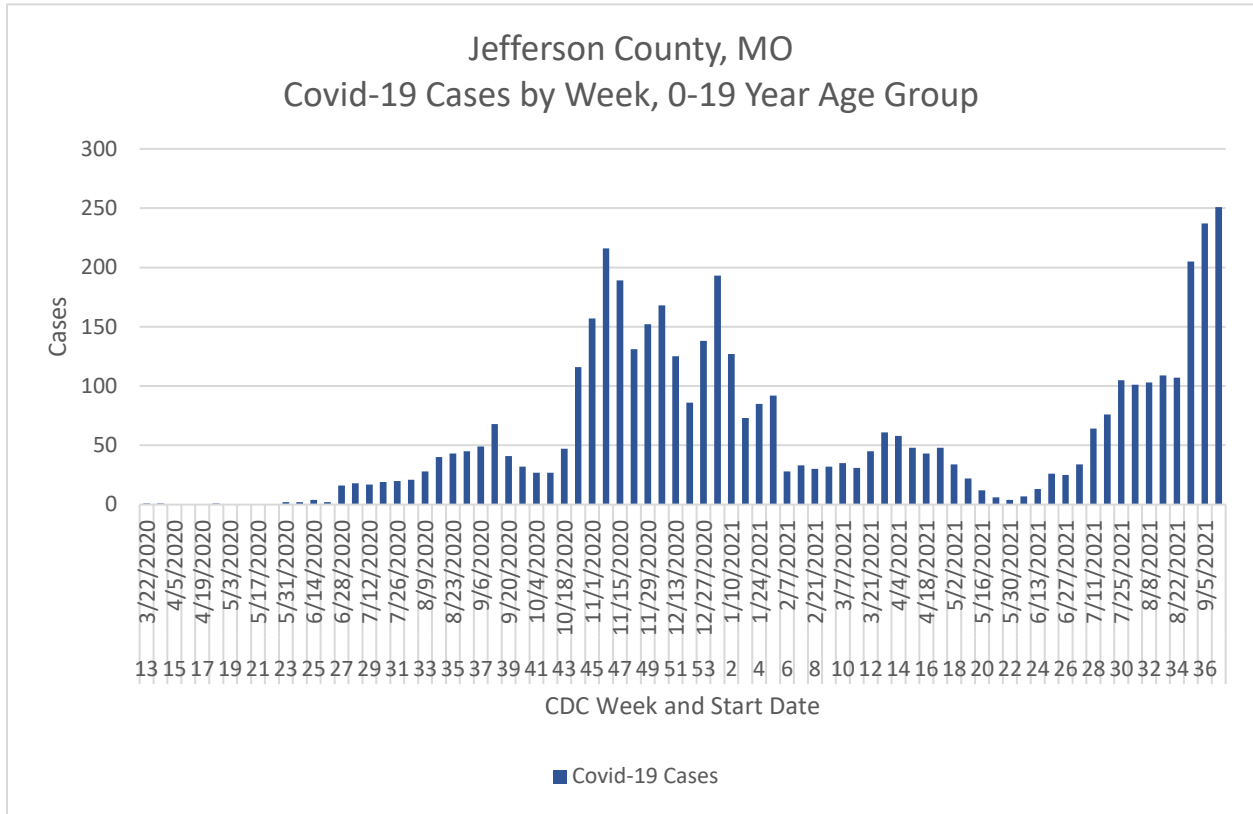


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	1,274	4.26%
10-19	3,440	11.49%
20+	25,216	84.25%

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

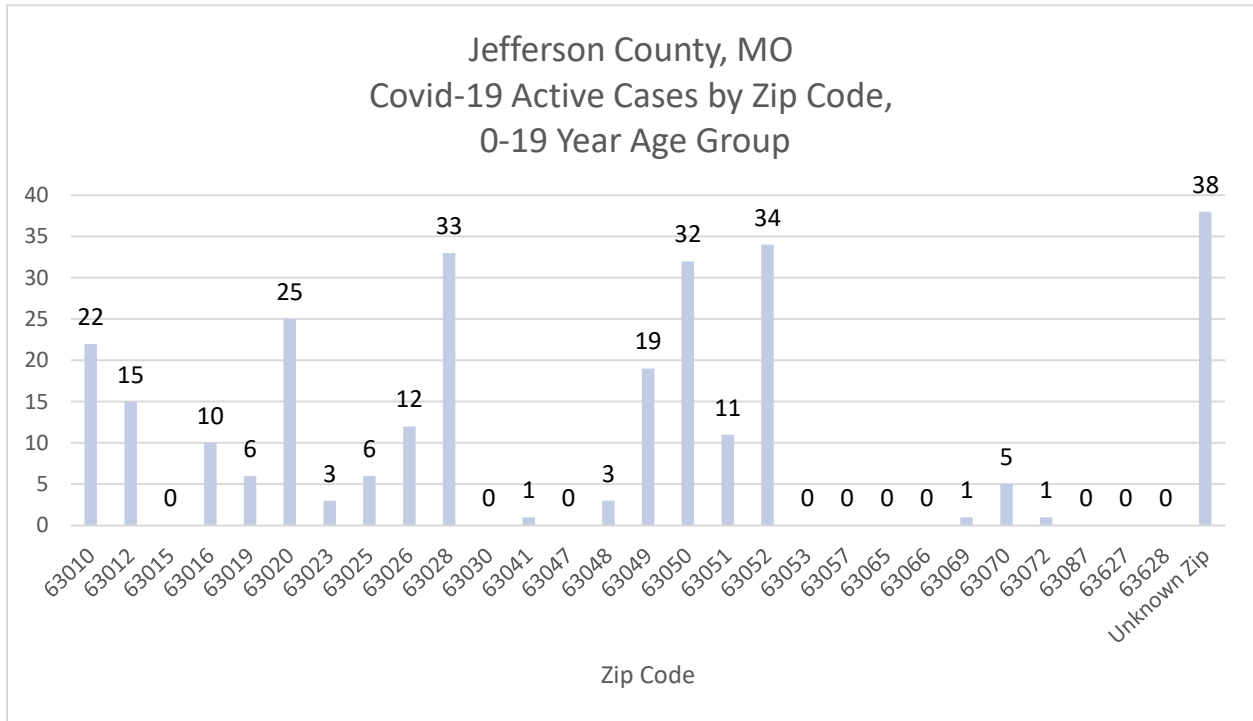


Figure 3. Covid-19 Active and Cumulative Cases by Age-Based Grade Levels, Jefferson County, Missouri

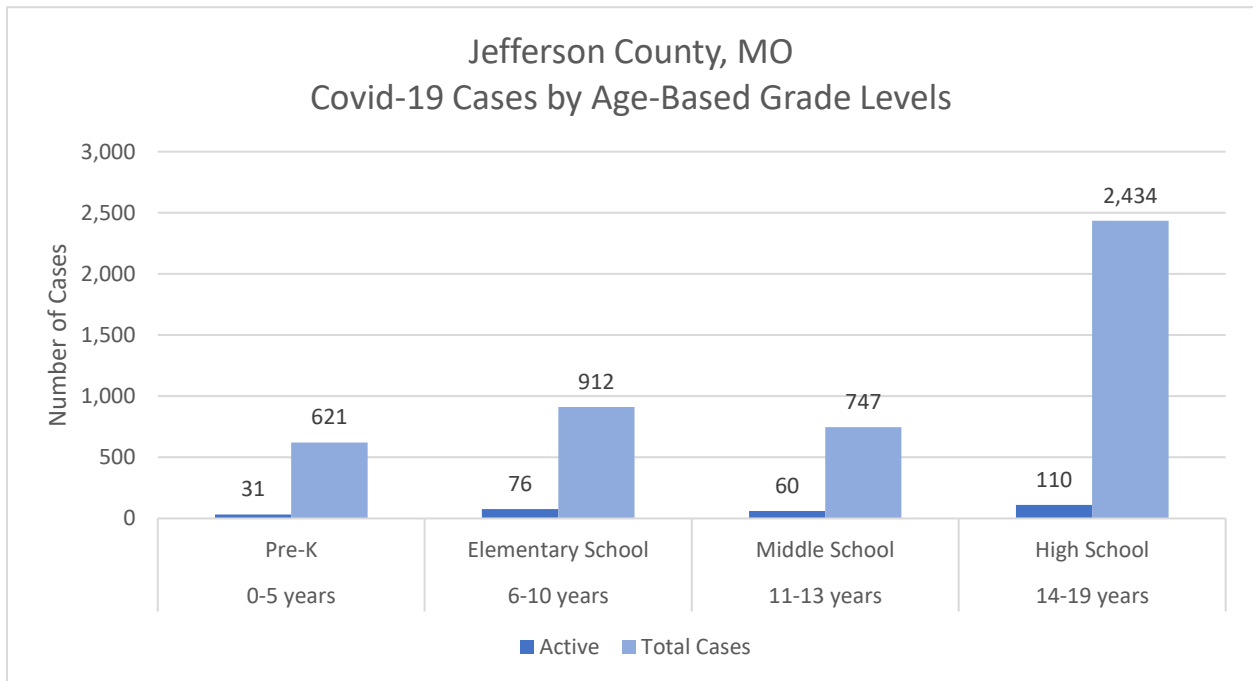


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

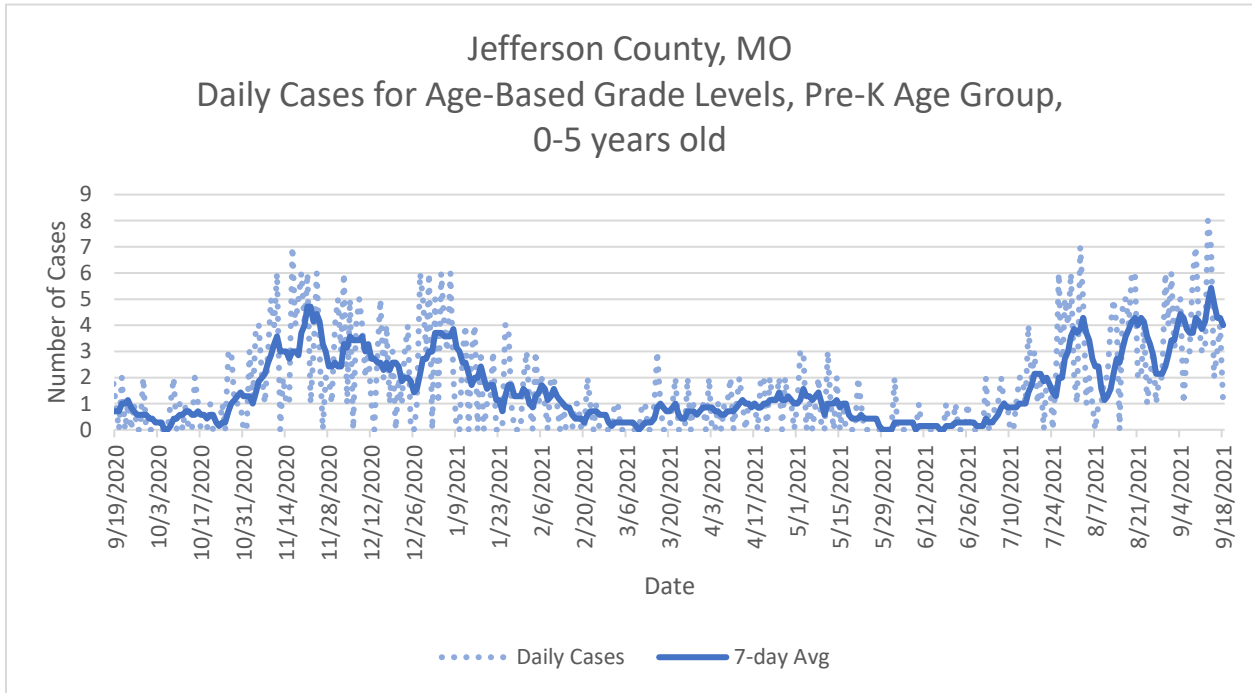


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

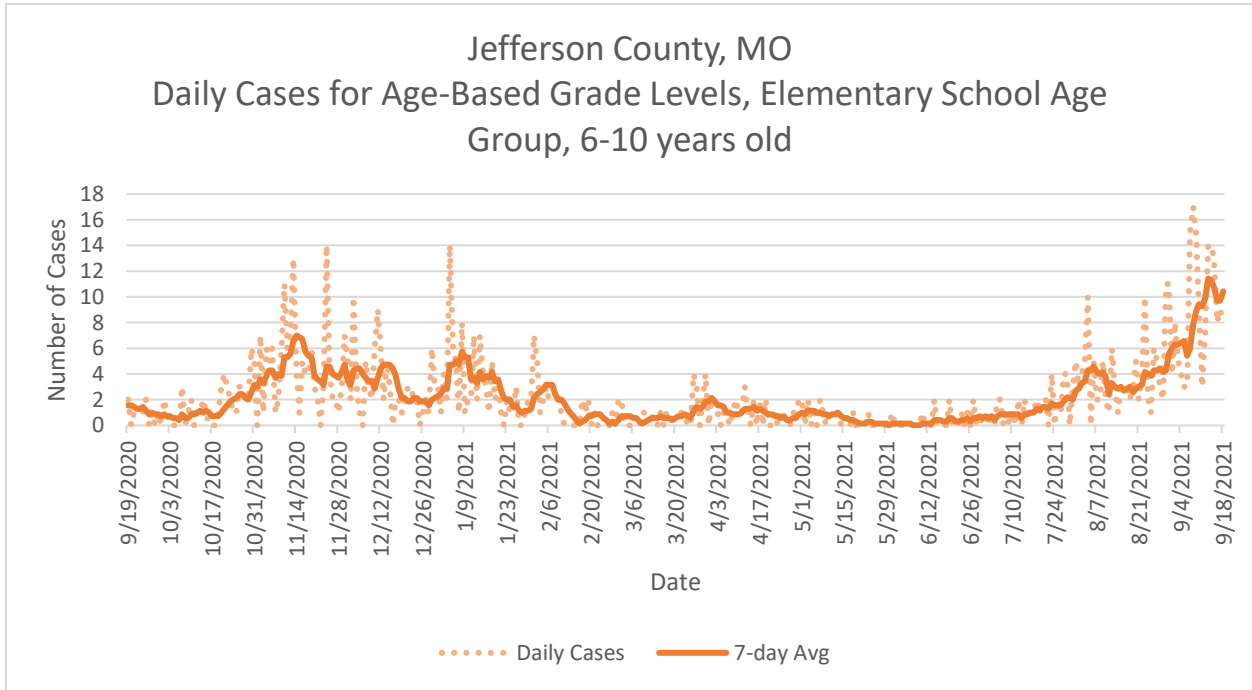


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

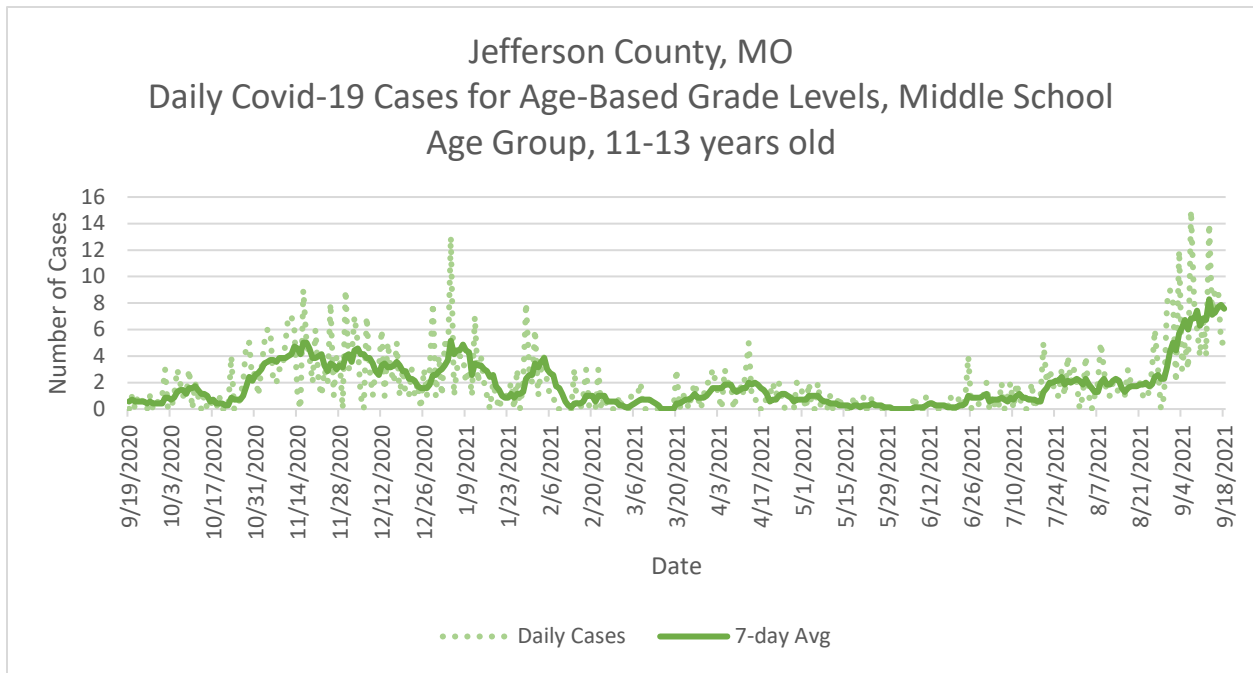


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

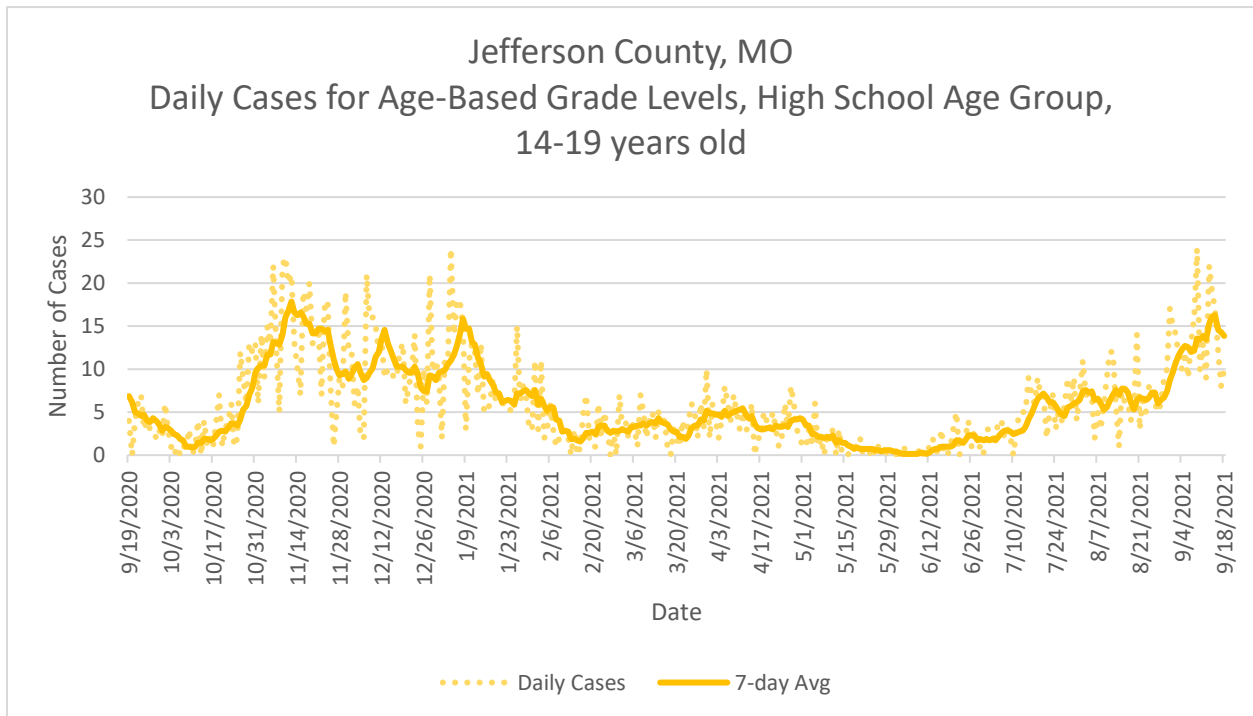


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

