

Butler County General Health District's 66th COVID-19 Update (5/02/2021)

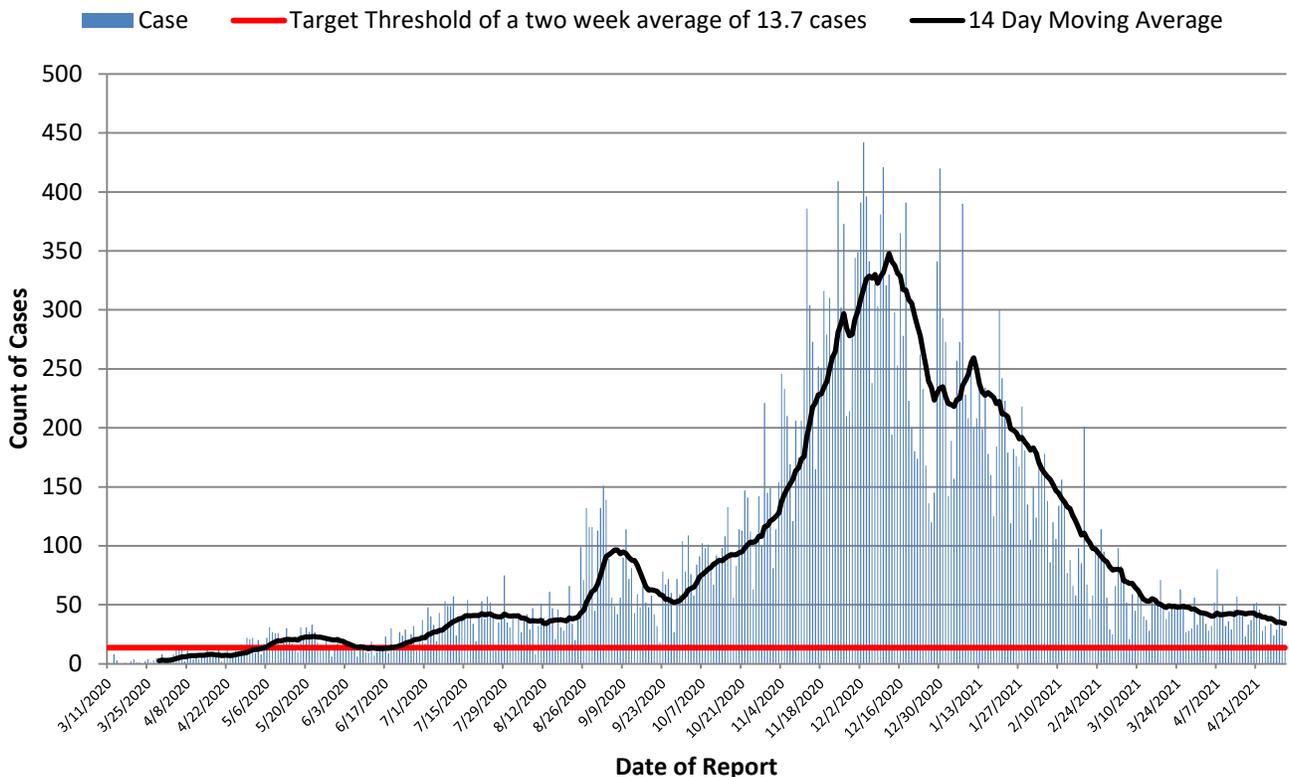
Confirmed and Probable COVID-19 Cases Reported to Butler County* Butler County Residents, 2020

Total # of Cases (05/02):	37,944*
ODH verified Deaths (05/02):	580**
Hospitalizations (05/02):	1,395
ICU admissions (05/02):	123
First Case Reported:	3/11/2020
Last Case Reported (so far):	5/2/2021
Confirmed Cases:	34,098
Probable Cases:	3,861
Age Range:	<1-103
Median Age:	40
Mean Age:	41.0
Incidence (thru 05/02):	9,903.6 per 100,000
Prevalence (thru 05/02):	9.9% of BC population
14-Day Positivity Rate (4/27):	3.30% of tests performed in BC

In the following tables and figures, all threshold values are equivalent.

Table 1: Indicators for Reopening for Butler County		
Indicator	Last 2 Weeks	Governor DeWine's Target
Incidence per 100,000 population	124.8 per 100,000	50 per 100,000
Cumulative Case Count	478 per 14 days	191.6 per 14 days
Daily Average of new cases	34.1 per day through 14 days	13.7 per day through 14 days

Figure 1. Reported Cases of COVID-19 by Date of Report*



All figures show reported cases of COVID-19 in Butler County as of 1700 EDT 05/03/2021. Due to delays in reporting, the numbers of confirmed and probable cases on all figures are subject to change between reports and confirmed and probable case counts are likely to increase. **This should not be assumed to be the total disease burden of COVID-19 in Butler County only those that have been laboratory confirmed OR meet ODH probable case criteria AND reported to Public Health.

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#Data collected from Ohio Impact-SIIS 05/04/2021

Figure 2. Cumulative Count of Cases of COVID-19 Reported by day previous two weeks

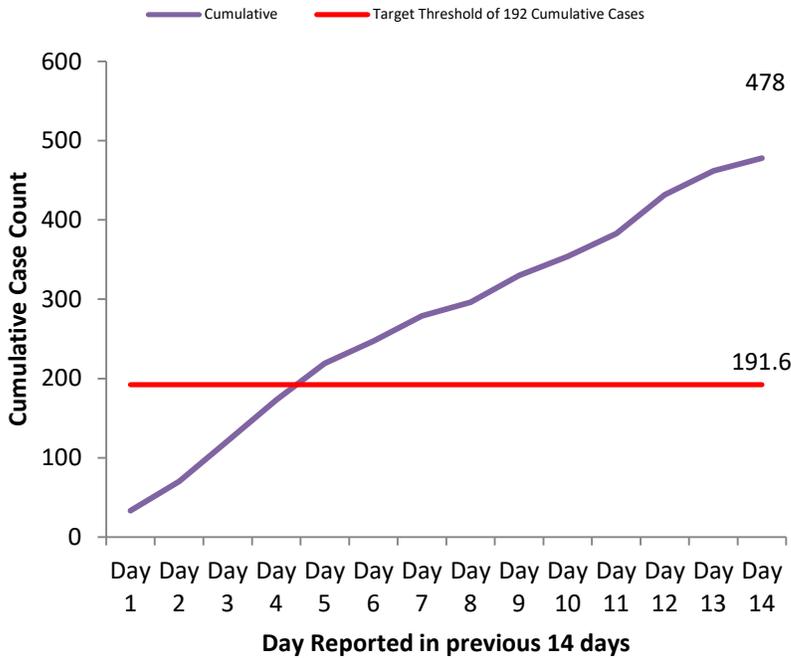


Figure 3. Cases per 100,000 population Reported in 2021

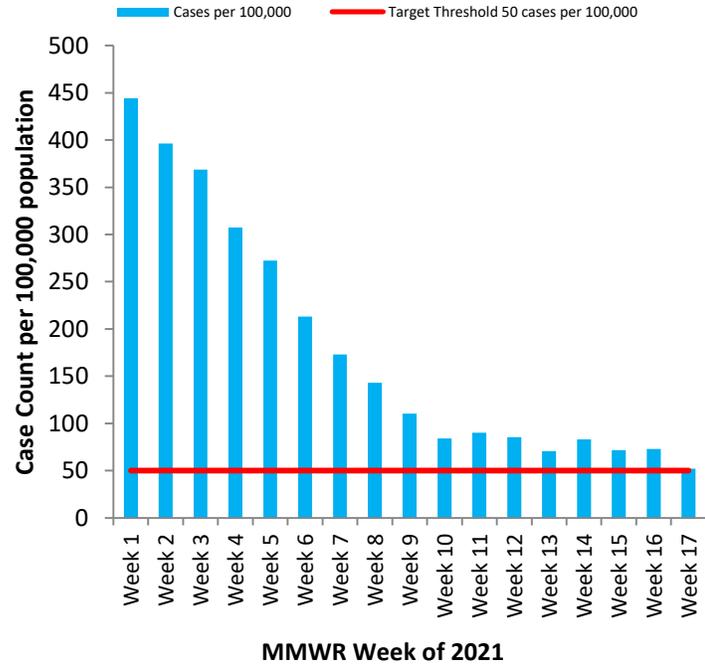


Table 2: Total Reported* Cases by ZIP Code

ZIP Code	Number of Cases	Change from previous week	Incidence per 100,000 thru 05/02	% of Confirmed Cases
45011	6649	↑36 (0.5%) From 6613	9542.6	17.5%
45013	5093	↑13 (0.3%) from 5080	9680.1	13.4%
45044	5053	↑ 38 (0.8%) from 5015	9566.1	13.3%
45069	4962	↑ 36 (.7%) from 4926	10114.1	13.1%
45014	4832	↑26 (0.5%) from 4806	11002.6	12.7%
45056	3195	↑20 (0.6%) from 3175	11816.7	8.4%
45042	2473	↑ 14 (0.6%) from 2459	9349.4	6.5%
45067	1511	↑7 (0.5%) from 1504	10872.1	4.0%
45050	1170	↑8 (0.7%) from 1162	13687.4	3.1%
45015	1004	↑4 (0.4%) from 1000	8340.3	2.6%
45241	584	↑1 (0.2%) from 583		1.5%
45053	314	↑1 (0.3%) from 313	9181.3	0.8%
45064	143	↑2 (1.4%) from 141		0.4%
45246	57	0 (0%) from 53		0.2%
45062	56	0 (0%) from 56		0.1%
Cases lacking zip code information or from zip codes with too few cases	848	-	-	2.2%
Butler County (inclusive)	37944	↑211 (0.6%) from 37733	9903.6	100%

Zip-codes not calculated have most of their population outside of Butler County. Rate given for comparison by population and will be higher than the actual amount. Zip-codes with too few cases have been removed for privacy concerns.

Red indicates zip codes where the percentage increase is greater than the increase from the previous week.

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Table 3. New Reports by MMWR Week, 2020

MMWR Week	End of Week	New Cases Reported	New Hospitalizations	New Confirmed Deaths**
11	3/14	6	1	0
12	3/21	10	3	0
13	3/28	11	6	0
14	4/4	44	18	3
15	4/11	50	16	1
16	4/18	43	10	2
17	4/25	55	19	5
18	5/2	99	16	1
19	5/9	131	18	7
20	5/16	134	17	4
21	5/23	184	26	7
22	5/30	111	12	7
23	6/6	113	16	1
24	6/13	89	10	1
25	6/20	115	13	1
26	6/27	167	19	7
27	7/4	198	10	6
28	7/11	286	18	0
29	7/18	260	26	3
30	7/25	269	12	4
31	8/1	274	9	3
32	8/8	242	17	2
33	8/15	264	14	3
34	8/22	264	14	7
35	8/29	545	24	9
36	9/5	770	14	8
37	9/12	497	18	8
38	9/19	368	17	4
39	9/26	379	14	10
40	10/3	505	10	5
41	10/10	590	16	6
42	10/17	682	28	10
43	10/24	770	25	8
44	10/31	909	43	6
45	11/7	1148	48	18
46	11/14	1540	33	13
47	11/21	1805	41	28
48	11/28	2060	50	30
49	12/05	2306	25	28
50	12/12	2697	44	30
51	12/19	2035	64	36
52	12/26	1429	52	37
53	1/2	1699	57	43
1	1/9	1638	44	25
2	1/16	1591	47	23
3	1/23	1441	34	29
4	1/30	1185	38	20
5	2/6	1070	56	14
6	2/13	837	39	14
7	2/20	684	23	11
8	2/27	558	16	8
9	3/06	430	13	4
10	3/13	323	10	3
11	3/20	345	22	3
12	3/27	327	11	3
13	4/3	271	20	5
14	4/10	317	24	3
15	4/17	287	13	2
16	5/02	270	15	1
17	5/1	217	7	0

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Figure 4. New Hospitalizations of Butler County Residents by Admission Date, 2020-21*

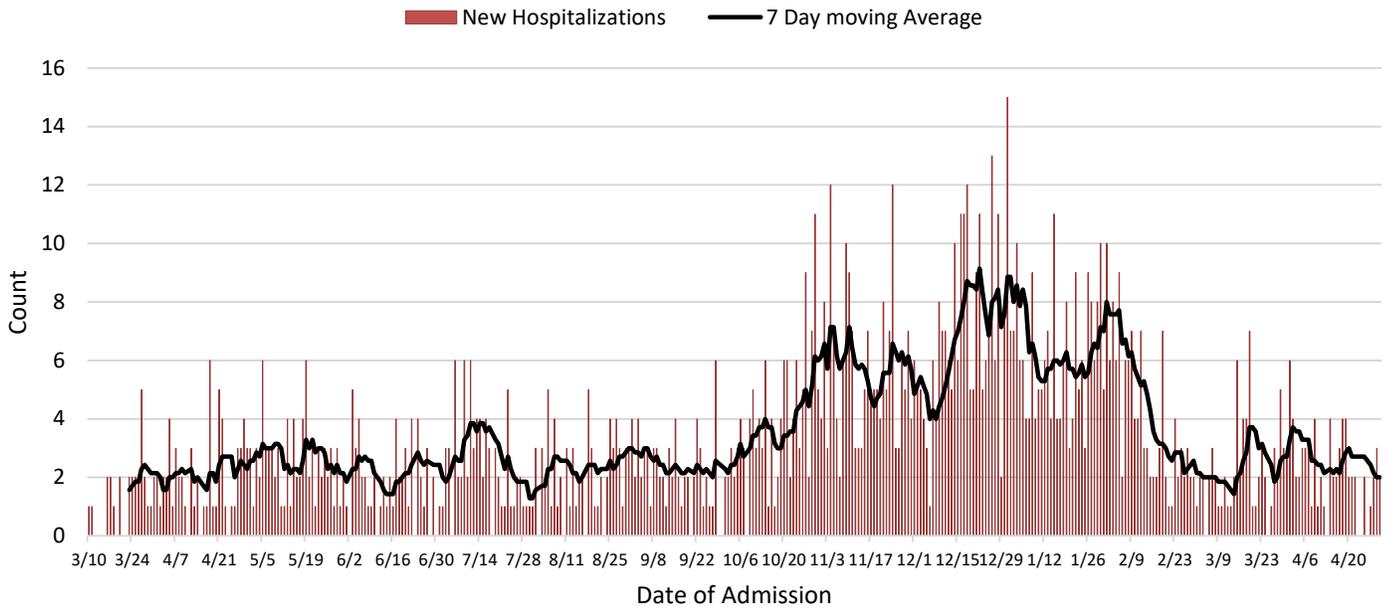
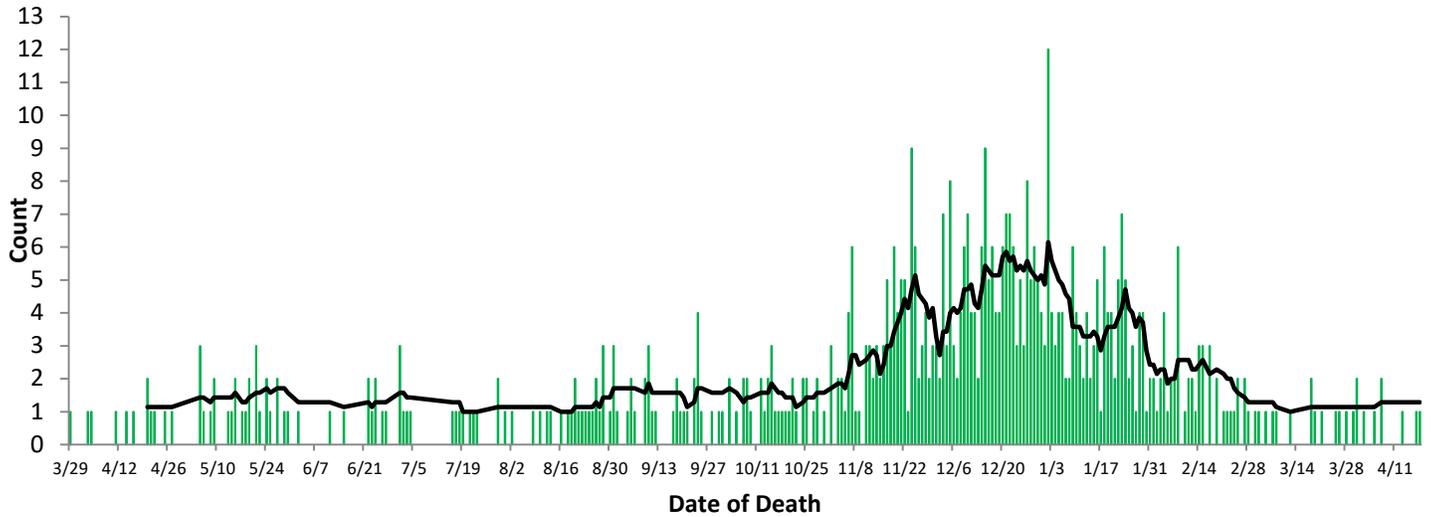


Figure 5. Confirmed COVID-19 Deaths by date of death, 2020-21**



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Figure 6. Butler County Data analysis performed by Cincinnati Children's Hospital Week of 5/02*

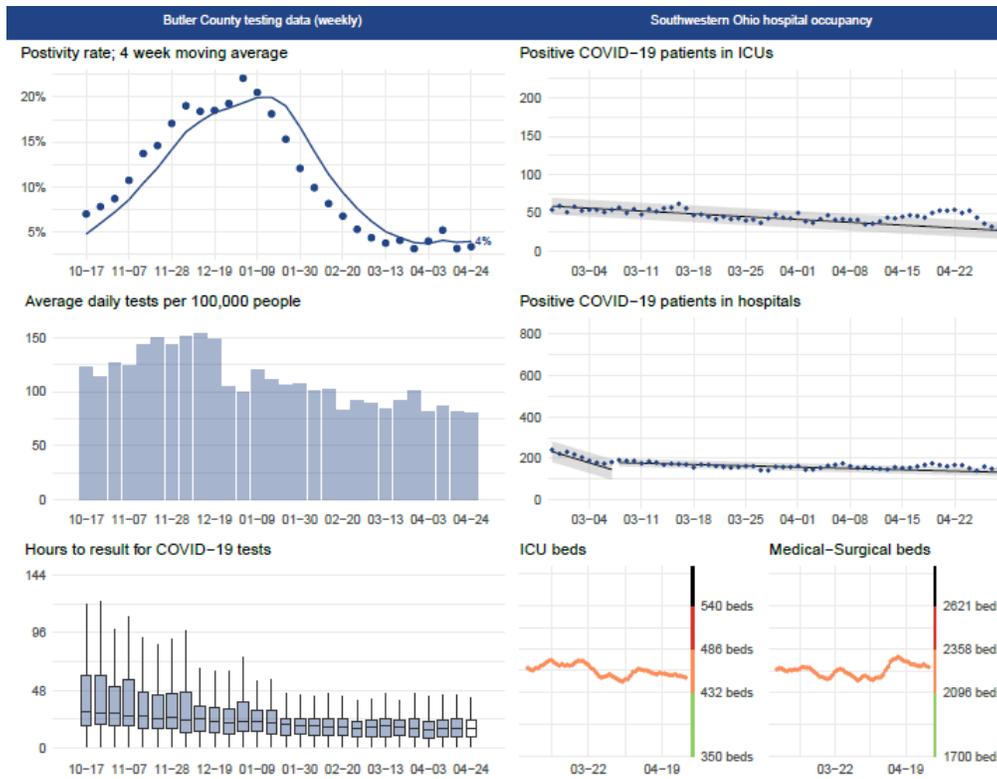
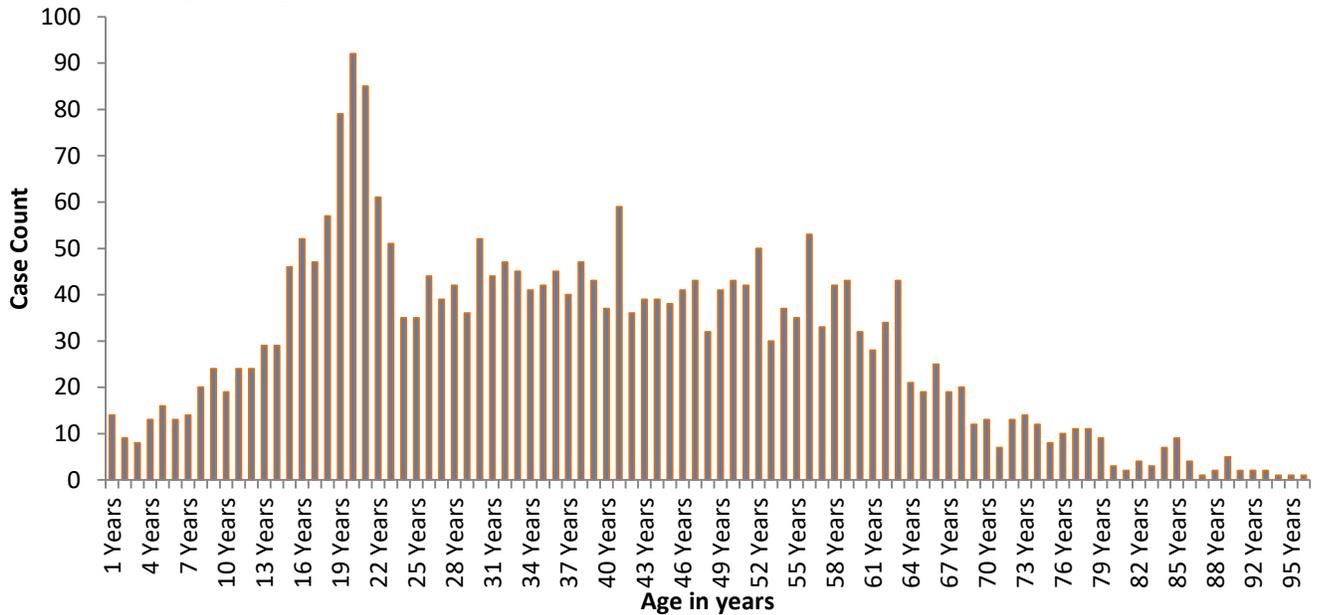


Figure 7. Age distribution of COVID-19 Cases reported Since March 1, 2021



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Figure 8. Cases by Date of Report Since March 1, 2021

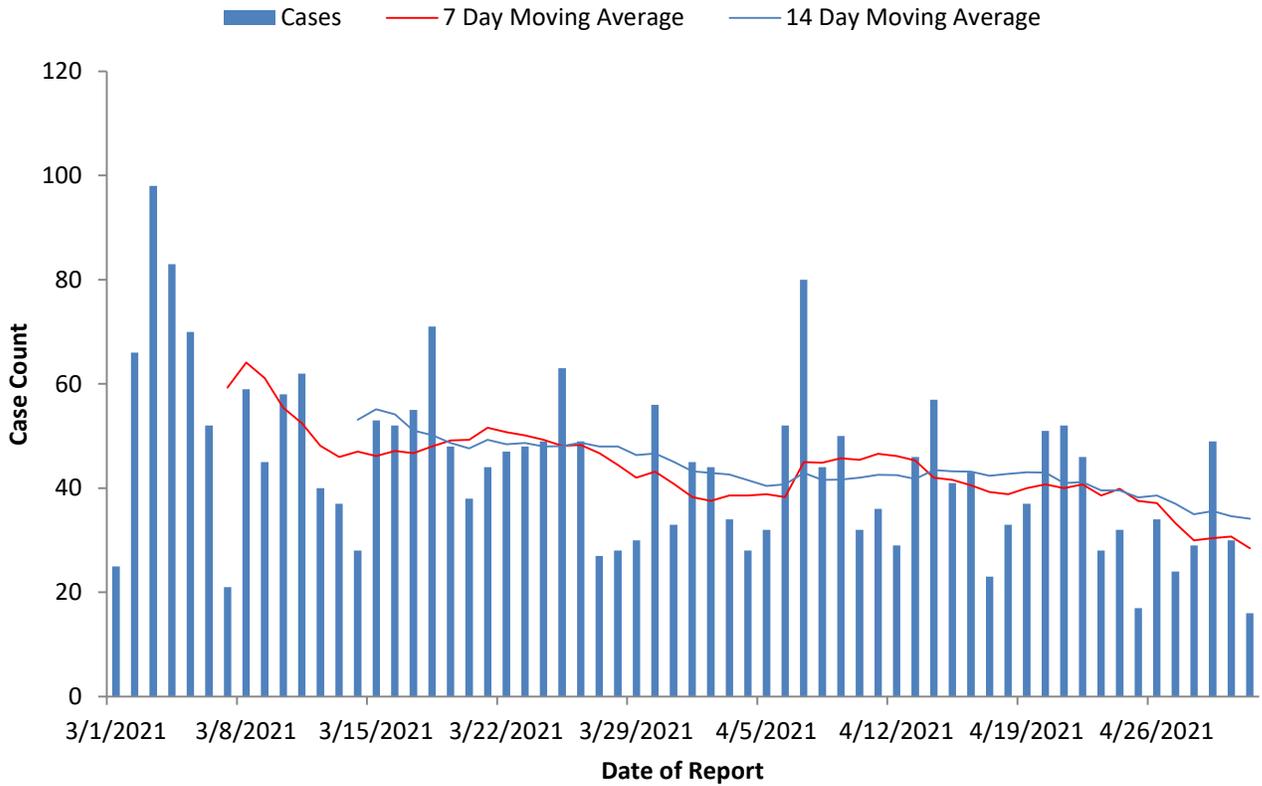
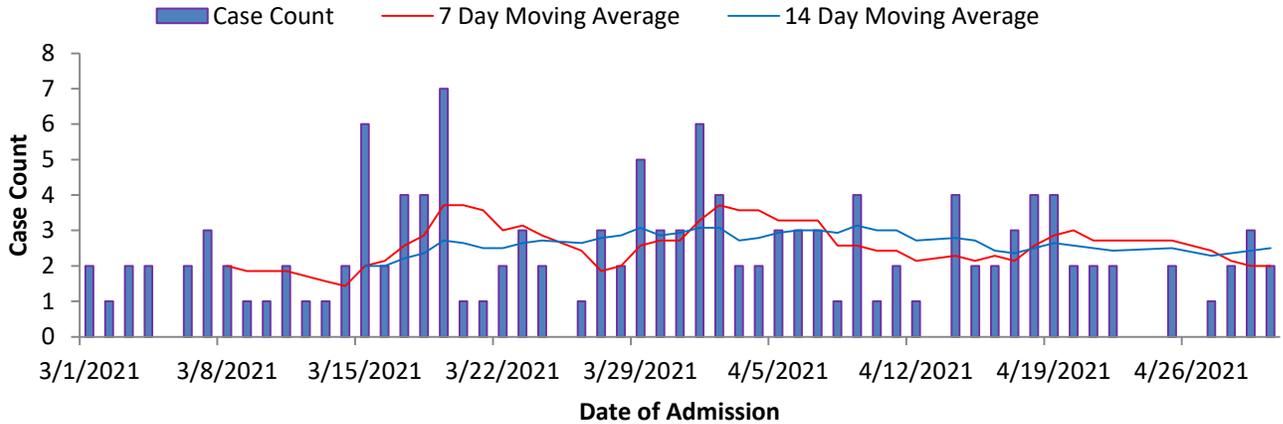


Figure 9. Hospitalizations Since March 1, 2021



Total # of Vaccinations by BCGHD:	32,292
# Vaccinations Started by BCGHD:	21,201
# Vaccinations Completed by BCGHD:	11,091
# Vaccinations Started in Butler County by All Partners:	141,635
# Vaccinations Completed in Butler County by All Partners:	111,026
# Vaccines Started in Ohio:	4,709,611
# Vaccines Completed in Ohio:	3,842,250

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