Butler County General Health District COVID-19 Update (3/20/2021)
Confirmed and Probable COVID-19 Cases Reported to Butler County*
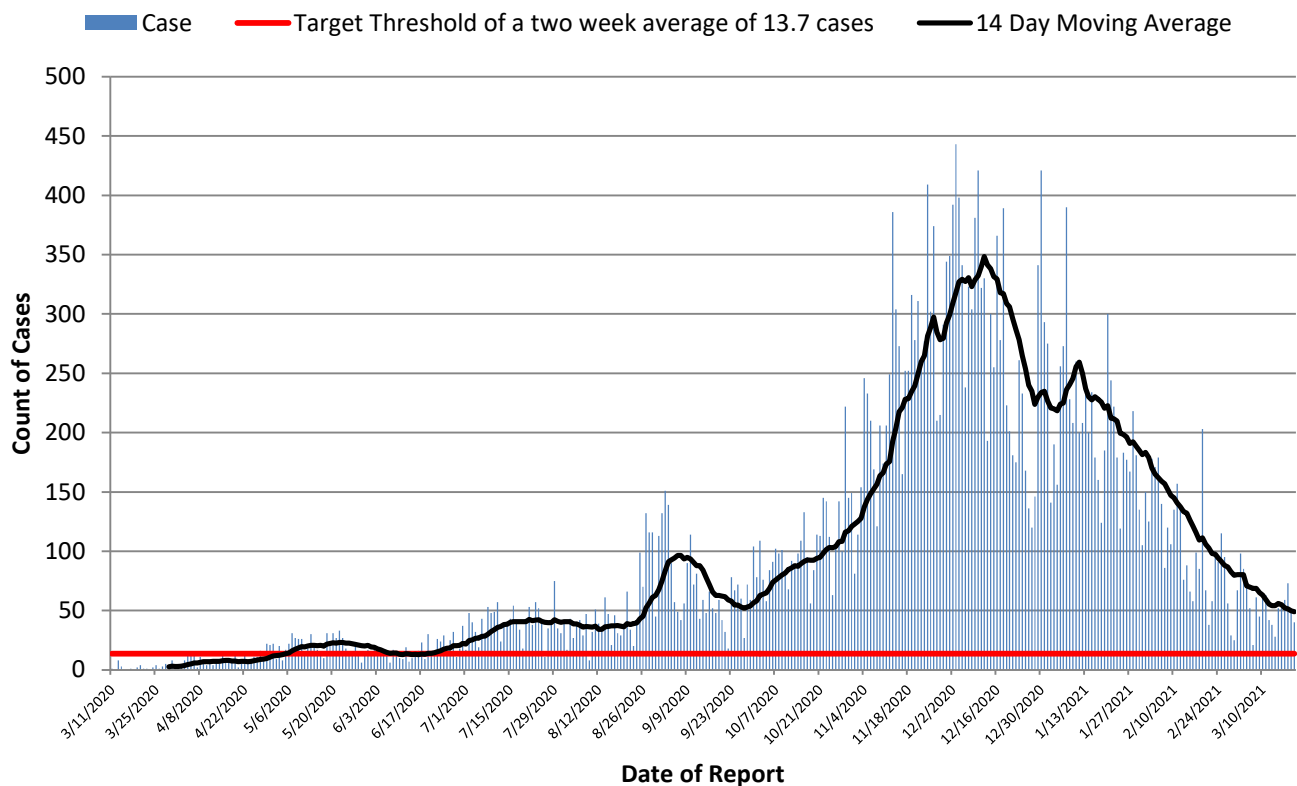### Butler County Residents, 2020

Total # of Cases (03/20):	**36,331***
ODH verified Deaths (03/20):	**556****
Hospitalizations (03/20):	**1,137**
ICU admissions (03/20):	**114**
First Case Reported:	3/11/2020
Last Case Reported (so far):	3/20/2021
Confirmed Cases:	**32,852**
Probable Cases:	**3,479**
Age Range:	<1-103
Median Age:	40
Mean Age:	41.2
Incidence (thru 03/20):	9,482.6 per 100,000
Prevalence (thru 03/20):	**9.5% of BC population**

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	**178.5 per 100,000**	**50 per 100,000**
Cumulative Case Count	684 per 14 days	191.6 per 14 days
Daily Average of new cases	48.9 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 03/20/2021. **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.

*Data is provisional – only confirmed or probable COVID-19 cases are included in counts. Report reflects time period since the introduction of SARS-CoV-2 into humans, measured in days. Data accessed from the Ohio Disease Reporting System (ODRS) on 03/20/2021 at 1700 EST.

Deaths are now reconciled to the Ohio Department of Health's available data to avoid discrepancies between the state and local numbers. ODH's protocol has changed to avoid reconciliation errors and now only includes those deaths that have been reconciled with Vital statistics and may not match what has been reported to the CDC which are provisional numbers. **This is a lagging indicator and will be multiple weeks behind.

#Data collected from Ohio Impact-SIIS 03/16/2021

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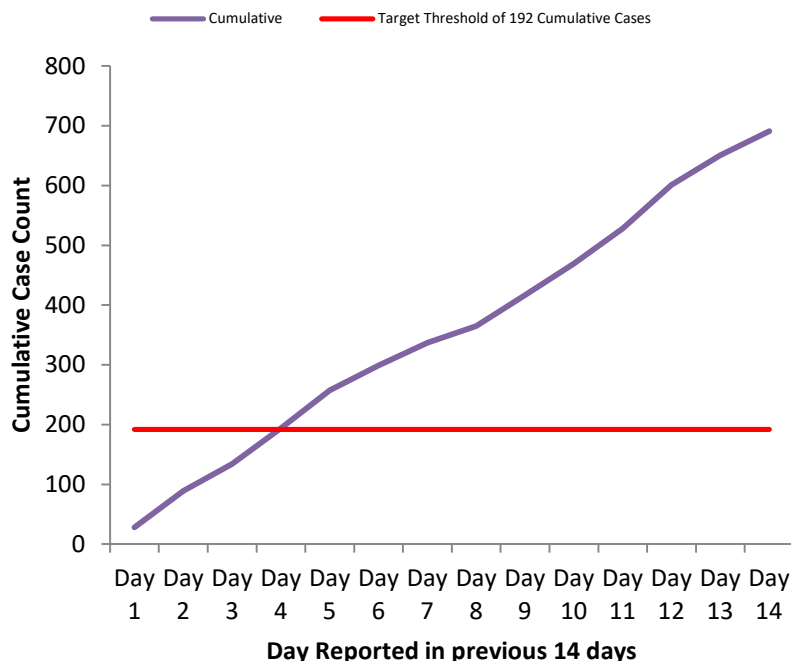

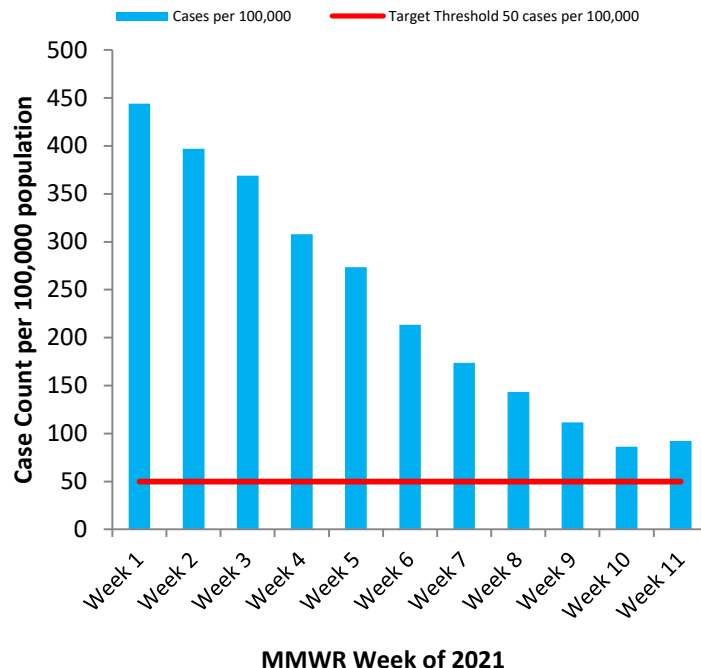## Figure 3. Cases per 100,000 population Reported in 2021

Table 2: Total Reported* Cases by ZIP Code				
ZIP Code	Number of Cases	Change from previous week	Incidence per 100,000 thru 03/20	% of Confirmed Cases
45011	6380	↑57 (0.9%) From 6323	9156.5	17.6%
45013	4901	↑52 (1.1%) from 4849	9315.2	13.5%
45044	4824	↑ 64 (1.3%) from 4760	9132.6	13.3%
45014	4657	↑ 36 (0.8%) from 4621	10604.1	12.8%
45069	4651	↑67 (1.5%) from 4584	9480.2	12.8%
45056	3128	↑36 (1.2%) from 3092	11568.9	8.6%
45042	2340	↑ 19 (0.8%) from 2321	8846.5	6.4%
45067	1438	↑2 (0.3%) from 1433	10346.8	4.0%
45050	1104	↑14 (1.3%) from 1090	12915.3	3.0%
45015	**962**	**↑17 (1.8%) from 945**	7991.4	2.6%
45241	556	↑6 (1.1%) from 550		1.5%
45053	303	↑ 2 (0.7%) from 301	8859.6	0.8%
45064	139	0 from 139		0.4%
45062	53	0 from 53		0.1%
45246	51	0 from 51		0.1%
Cases lacking zip code information or from zip codes with too few cases	844	-	-	2.3%
Butler County (inclusive)	**36331**	**↑ 377 (1.0%) from 35954**	**9482.6**	
				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.**				

All figures show reported cases of COVID-19 in Butler County as of 1700 EDT 03/20/2021. **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.

*Data is provisional – only confirmed or probable COVID-19 cases are included in counts. Report reflects time period since the introduction of SARS-CoV-2 into humans, measured in days. Data accessed from the Ohio Disease Reporting System (ODRS) on 03/20/2021 at 1700 EST.

Deaths are now reconciled to the Ohio Department of Health's available data to avoid discrepancies between the state and local numbers. ODH's protocol has changed to avoid reconciliation errors and now only includes those deaths that have been reconciled with Vital statistics and may not match what has been reported to the CDC which are provisional numbers. **This is a lagging indicator and will be multiple weeks behind.

#Data collected from Ohio Impact-SIIS 03/16/2021

Table 3. New Reports by MMWR Week, 2020-2021

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	285	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	265	14	7
35	8/29	545	24	9
36	9/5	771	14	8
37	9/12	498	18	8
38	9/19	368	17	4
39	9/26	380	14	10
40	10/3	505	10	5
41	10/10	590	16	6
42	10/17	684	28	10
43	10/24	772	25	8
44	10/31	910	42	6
45	11/7	1149	48	18
46	11/14	1539	32	13
47	11/21	1807	41	28
48	11/28	2062	50	30
49	12/05	2310	25	28
50	12/12	2701	42	30
51	12/19	2035	52	36
52	12/26	1432	32	37
53	1/2	1703	32	43
1	1/9	1639	27	25
2	1/16	1594	32	23
3	1/23	1443	20	29
4	1/30	1187	23	19
5	2/6	1072	45	13
6	2/13	839	30	14
7	2/20	686	17	10
8	2/27	559	9	8
9	3/06	435	10	3
10	3/13	330	9	0
11	3/20	367	13	0

All figures show reported cases of COVID-19 in Butler County as of 1700 EDT 03/20/2021. **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.**

*Data is provisional – only confirmed or probable COVID-19 cases are included in counts. Report reflects time period since the introduction of SARS-CoV-2 into humans, measured in days. Data accessed from the Ohio Disease Reporting System (ODRS) on 03/20/2021 at 1700 EST.

Deaths are now reconciled to the Ohio Department of Health's available data to avoid discrepancies between the state and local numbers. ODH's protocol has changed to avoid reconciliation errors and now only includes those deaths that have been reconciled with Vital statistics and may not match what has been reported to the CDC which are provisional numbers. **This is a lagging indicator and will be multiple weeks behind.

#Data collected from Ohio Impact-SIIS 03/16/2021

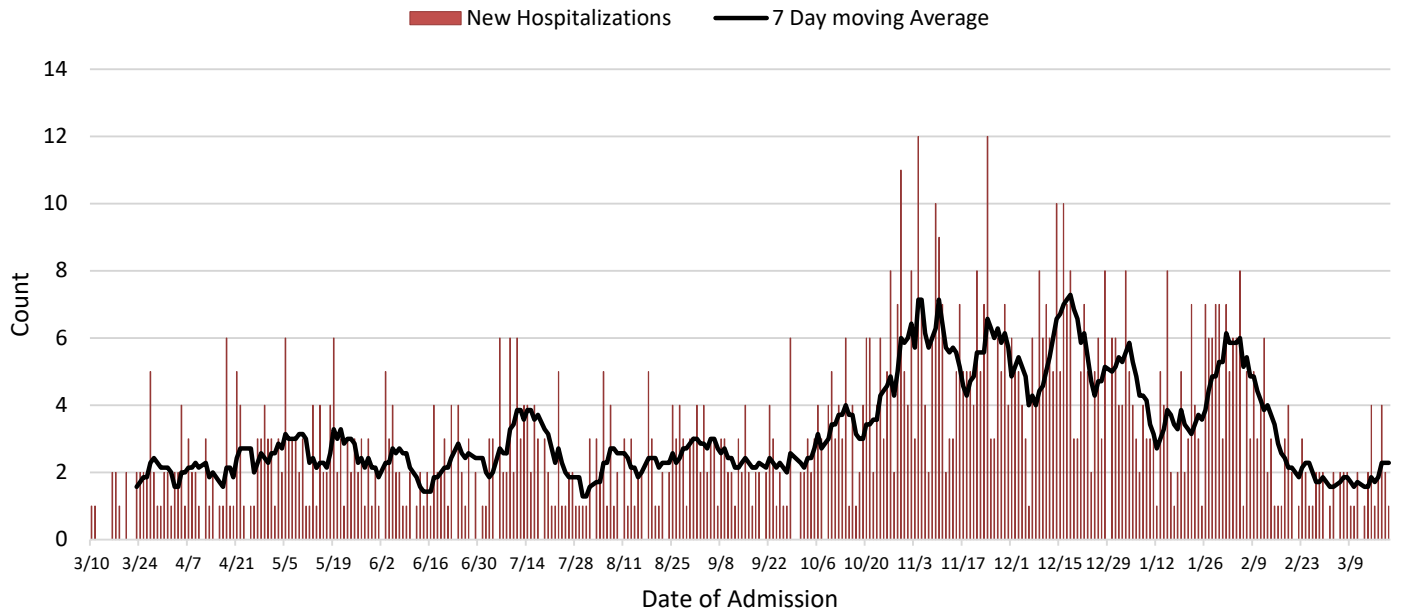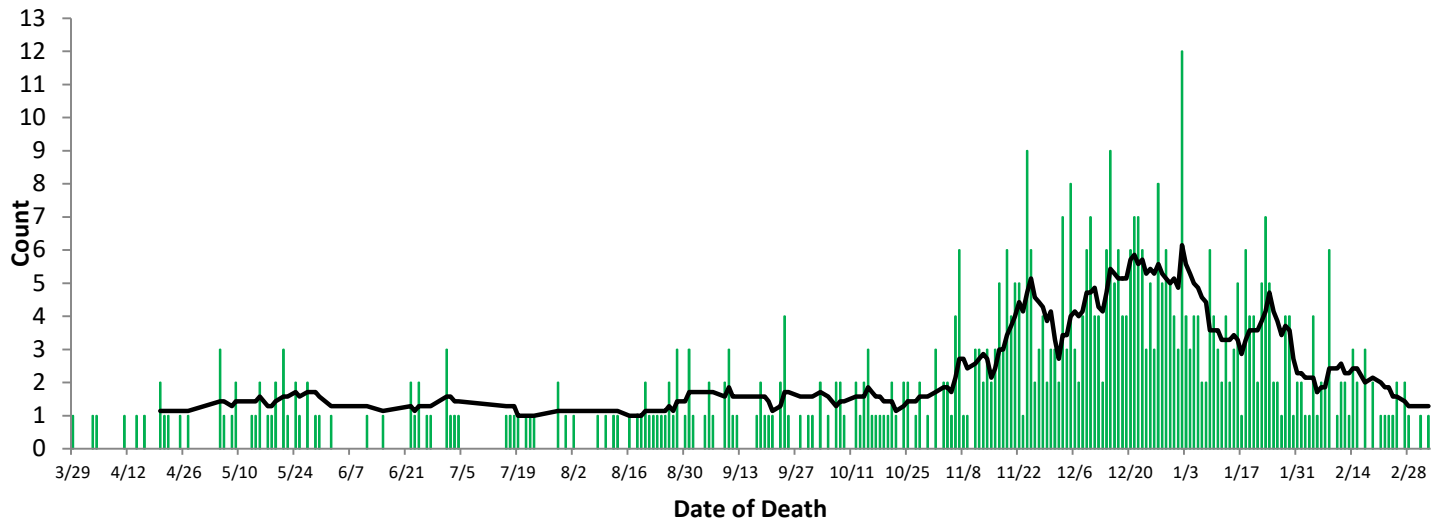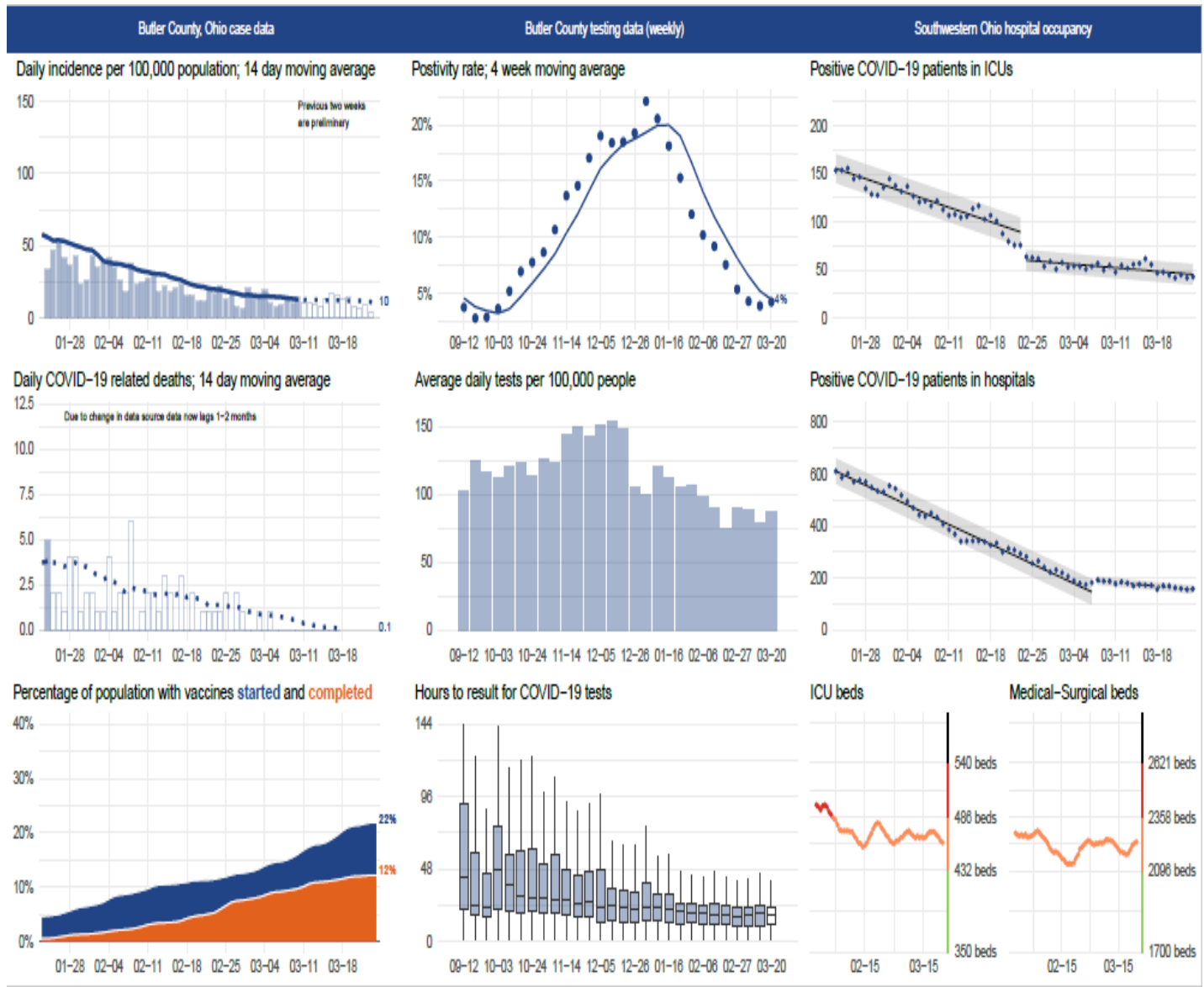## Figure 4. New Hospitalizations of Butler County Residents by Admission Date, 2020-21*

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

Figure 6. Butler County Data analysis performed by Cincinnati Children's Hospital

Number of Vaccinations administered by Butler County General Health District through 03/20/2021: **13,743** #
Number of Vaccine Series started by all Partners in Butler County through 03/20/2021: **81,629**
Number of Vaccine Series completed by all Partners in Butler County through 03/20/2021: **45,782**