

Butler County General Health District's 118th COVID-19 Update (05/28/2022)

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

Butler County Residents, 2020-22

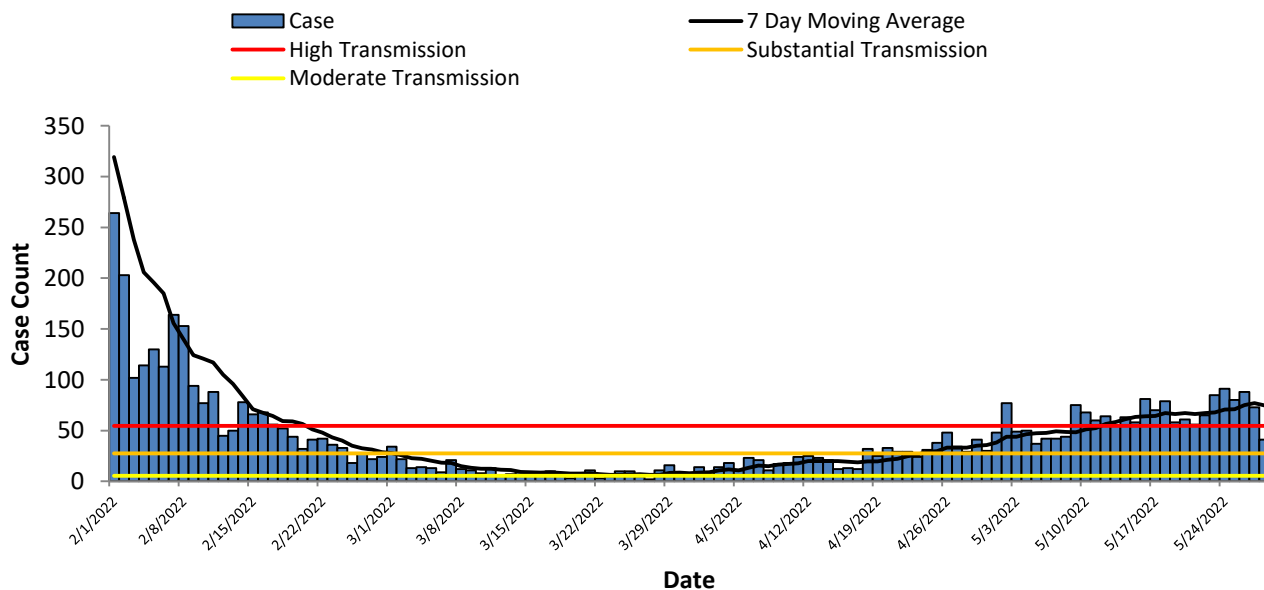
Total # of Cases (05/28):	95,695*
ODH verified Deaths (05/28):	1,154**
Hospitalizations (05/28):	3,276
First Case Reported:	3/11/2020
Last Case Reported (so far):	05/28/2022
Confirmed Cases:	72,419
Probable Cases:	23,862
Age Range:	<1-103
Median Age:	36
Mean Age:	38.1
Incidence (thru 05/28):	25,129.9 per 100,000
Prevalence (thru 05/28):	25.1% of BC population
7-Day Positivity Rate (06/02):	16.1 [#] % of tests performed in BC

Table 1: CDC Indicators		
Indicator	Butler County New Cases over 7 days	Status Level According to CDC
Community Level	-	Low
Positivity Rate	16.10% of tests performed in Butler County	High Positivity (over 9.99% of tests)
Incidence per 100,000 population	133.97 per 100,000	High Spread (over 99.99 per 100,000)

The Butler County General Health District will continue to monitor transmission levels based on previous CDC indicators; however, generalized guidance will now be based on the CDC's Community Level indicators.

Transmission trends resumed increasing this week. Incoming data from the previous week also showed that what was might have been a stall in transmission was due to a lag in reporting as those numbers jumped substantially. Week-to-week cases jumped by approximately 12% and positivity rate also increased. Expect to see a continued rise as cases from the holiday weekend get reported.

Figure 1. Cases by Date of Event Since February 1, 2022



All figures show reported cases of COVID-19 in Butler County as of 0800 EDT 06/02/2022. 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 06/02/2022 at 0800 EDT.

**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.

#Gathered from CDC's Data Tracker of Butler County 06/02/2022 0800 EDT accessible at <https://covid.cdc.gov/covid-data-tracker/#county-view>

Figure 2. Reported Cases of COVID-19 by Date of Event 2020-2022*

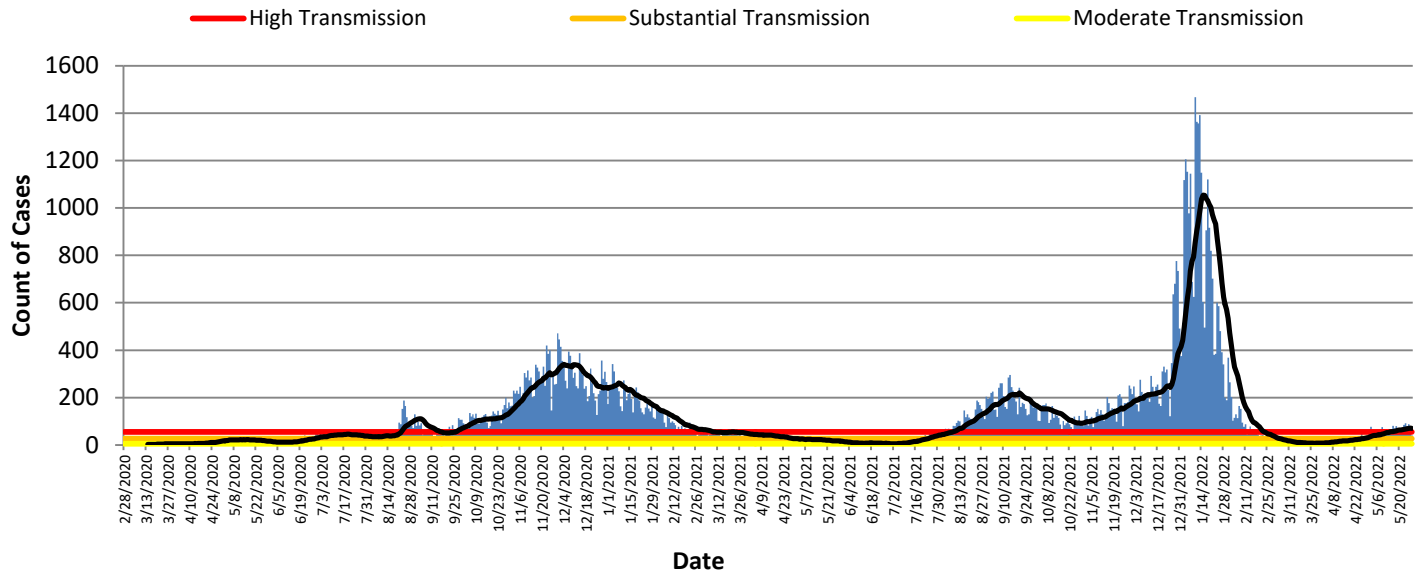


Table 2: Total Reported* Cases by ZIP Code					
ZIP Code	Number of Cases	New Cases (05/22-05/28)	Change in cases from previous 7 days (05/15-05/21)	Transmission	% of Cases
45011	17701	108	27.1%	High	18.4%
45044	13674	69	43.8%	High	14.2%
45013	12844	48	-33.3%	Substantial	13.3%
45069	12984	98	2.1%	High	13.5%
45014	11416	63	10.5%	High	11.9%
45056	6276	32	52.4%	High	6.5%
45042	6401	33	57.1%	High	6.6%
45067	3957	18	-5.3%	High	4.1%
45050	2758	17	112.5%	High	2.9%
45015	2725	11	57.1%	Substantial	2.8%
45241	1461	9	-25.0%	-	1.5%
45053	690	1	-	Moderate	0.7%
45005	606	4	300.0%	-	0.6%
45064	377	2	-	-	0.4%
45246	182	4	-20.0%	-	0.2%
45062	147	0	-		0.2%
Cases lacking zip code information or from zip codes with too few cases	2,082	6		-	2.2%
Butler County (inclusive)	96,281	523	60 (12.96%)	High	100%
Zip-codes that have transmissions not rated have most of their populations outside of Butler County. Zip-codes with too few cases have been removed for privacy concerns.					
New Cases are determined by “Date of Event” which is when the case was ill/test was collected. CDC determines new cases by “Date of Report”.					

Table 2 shows the zip-code level data that is new for this week. Almost all zip codes are in high transmission.

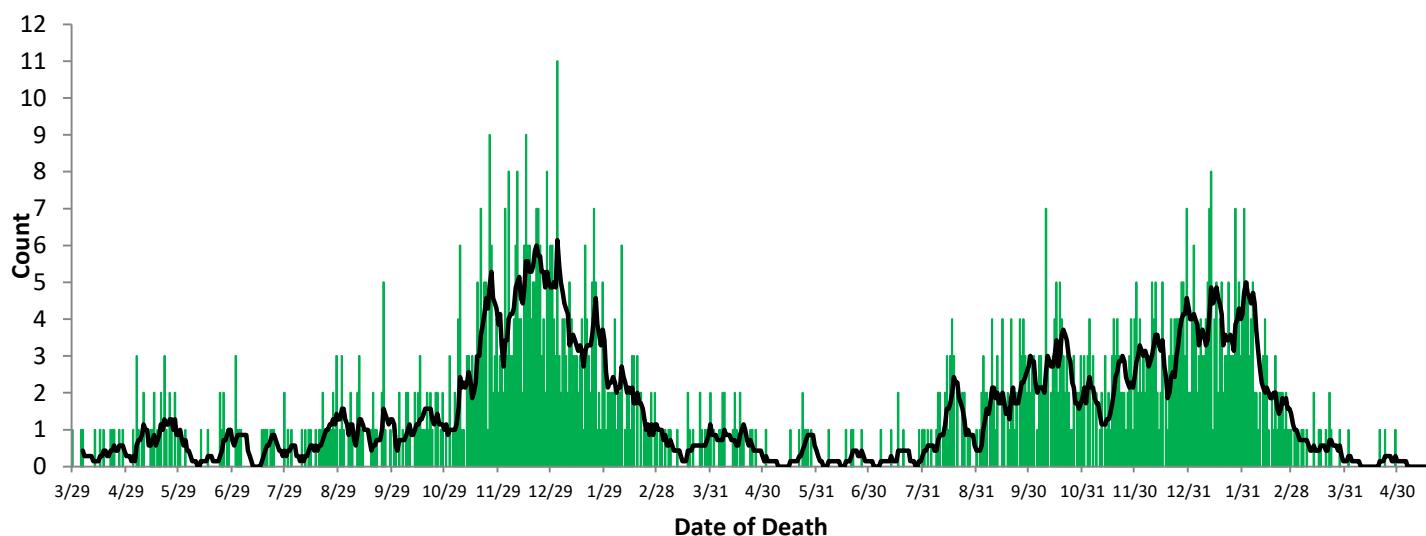
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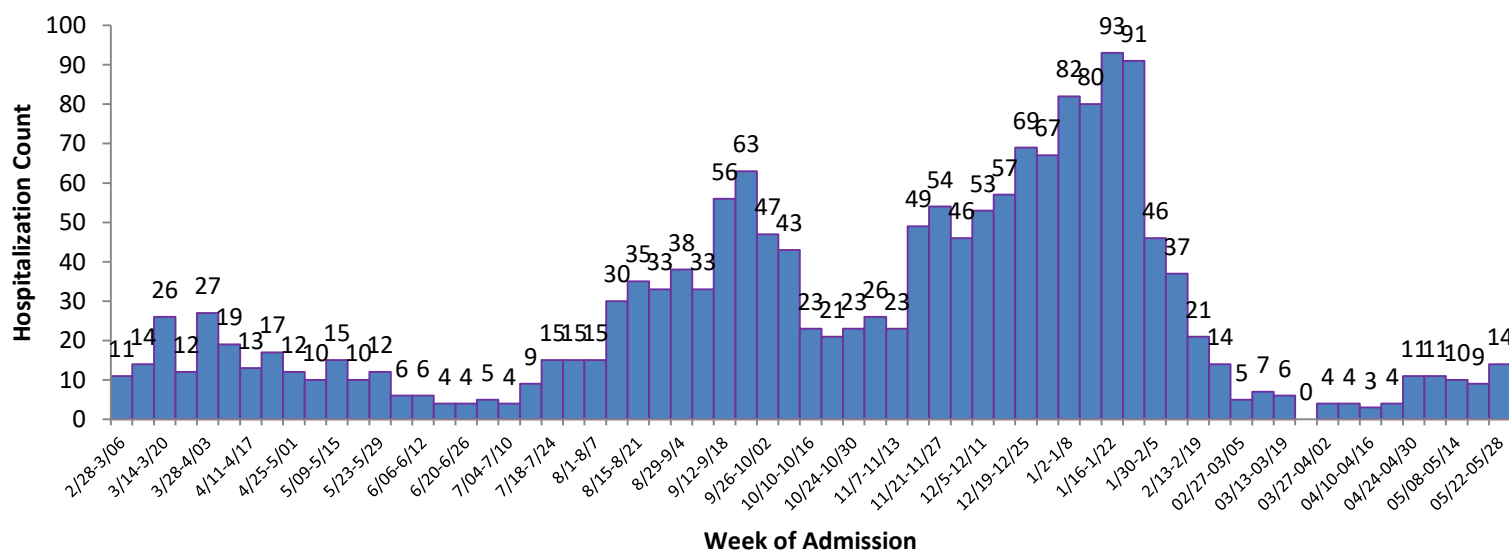
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Figure 3. Confirmed COVID-19 Deaths by date of death, 2020-22**



Figures 3 and 4 show severe case outcomes. These are both lagging indicators since it typically takes time for a case to succumb to COVID and well over a month for a COVID-19 death to be verified. Deaths will take about 4-6 weeks to begin to register for last week.

Figure 4. COVID-19 Hospitalizations of Butler County Residents by Week since the first week of March 2021



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