Butler County General Health District's 127th COVID-19 Update (07/30/2022)

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

Butler County Residents, 2020-22

Total # of Cases (07/30):	**102,853***
ODH verified Deaths (07/30):	**2,174****
Hospitalizations (07/30):	**3,412**
First Case Reported:	3/11/2020
Last Case Reported (so far):	07/30/2022
Confirmed Cases:	**75,781**
Probable Cases:	**26,093**
Age Range:	<1-103
Median Age:	**37**
Mean Age:	38.3
Incidence (thru 07/30):	26,589.7 per 100,000
Prevalence (thru 07/30):	**26.6% of BC population**
7-Day Positivity Rate (08/04):	**20.6#% of tests performed in BC**

Table 1: CDC Indicators

Indicator	Butler County New Cases over 7 days	Status Level According to CDC
Community Level	-	**HIGH**
Positivity Rate	20.56% of tests performed in Butler County	High Positivity (over 9.99% of tests)
Incidence per 100,000 population	245.9 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.

Butler County's community COVID-19 levels are now **High**. This means that the Butler County General Health District in accordance with the CDC guidelines now recommends wearing a mask while in-doors regardless of vaccination status. It is also recommended that everyone stay up-to-date with their COVID-19 immunizations, and that those who are at high risk for severe complications or have loved ones at high risk for severe complications due to COVID-19 infection be cautious in regards to social settings.

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

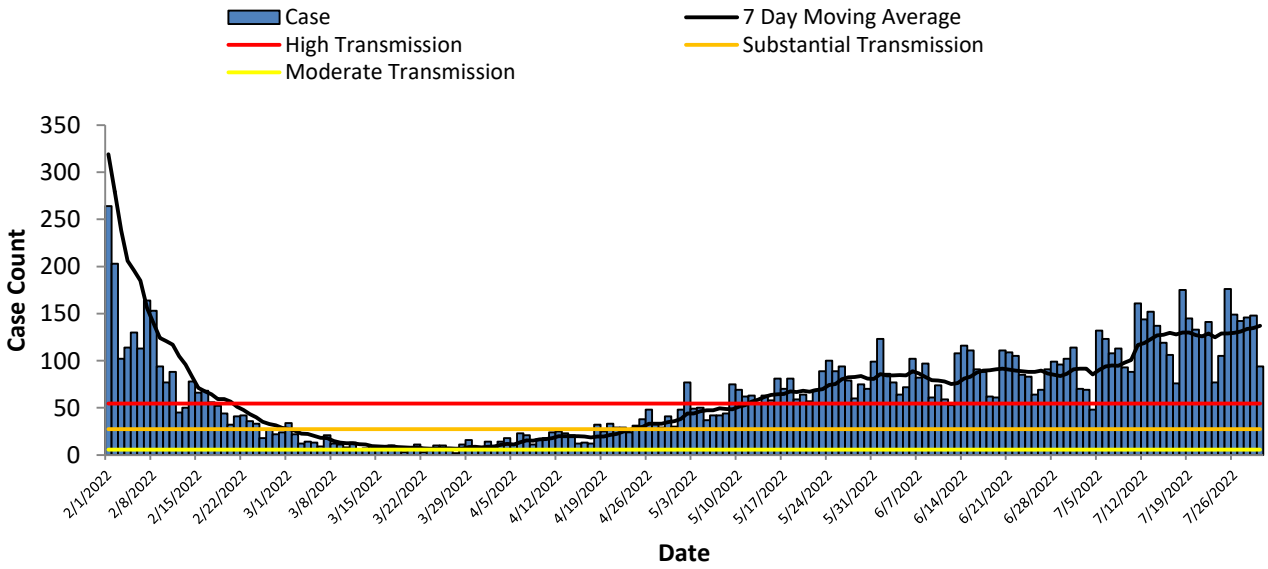

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Figure 2. Reported Cases of COVID-19 by Date of Event 2020-2022*

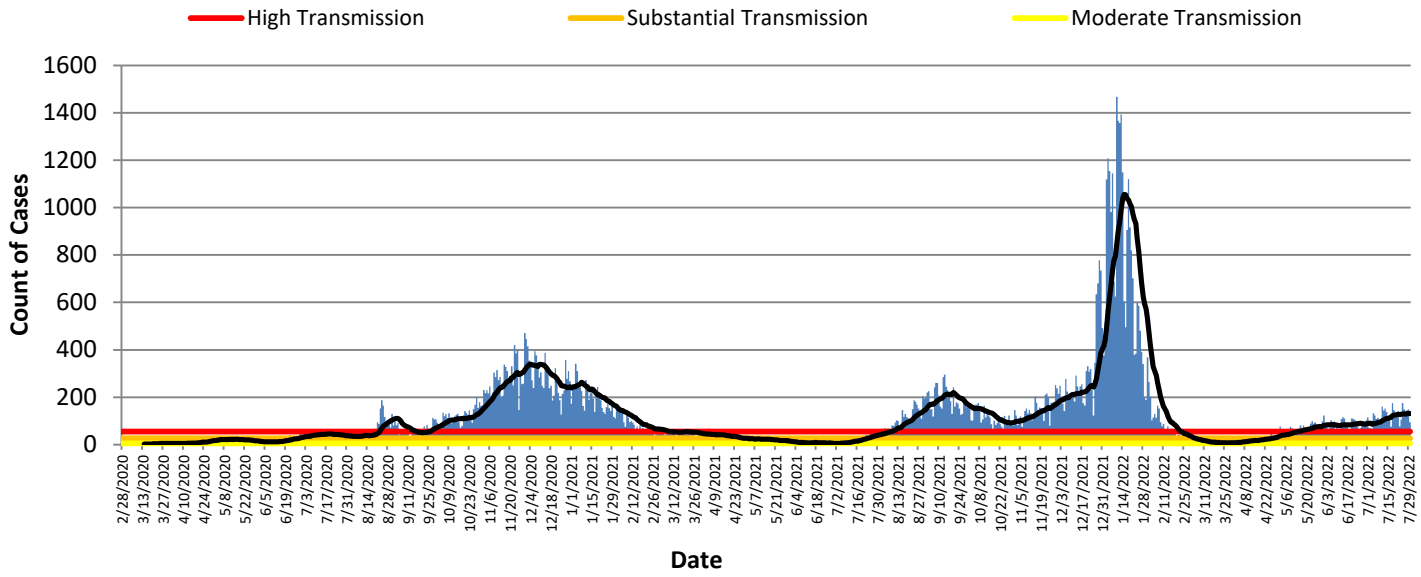

Table 2: Total Reported* Cases by ZIP Code					
ZIP Code	Number of Cases	New Cases (07/24-07/30)	Change in cases from previous 7 days (07/17-07/23)	Transmission	% of Cases
45011	19000	177	7.9%	High	18.5%
45044	14669	143	-4.0%	High	14.3%
45013	13677	118	13.5%	High	13.3%
45069	14061	132	7.3%	High	13.7%
45014	12153	124	24.0%	High	11.8%
45056	6537	38	-2.6%	High	6.4%
45042	6839	90	50.0%	High	6.6%
45067	4160	35	6.1%	High	4.0%
45050	2928	23	-11.5%	High	2.8%
45015	2941	37	8.8%	High	2.9%
45241	1579	8	-52.9%		1.5%
45053	725	7	133.3%	High	0.7%
45005	663	8	60.0%		0.6%
45064	403	2	-33.3%		0.4%
45246	191	0	-100.0%		0.2%
45062	153	2	-		0.1%
Cases lacking zip code information or from zip codes with too few cases	2,174	16		-	2.1%
Butler County (inclusive)	102,853	960	87 (9.97%)	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. All zip codes are in high transmission.

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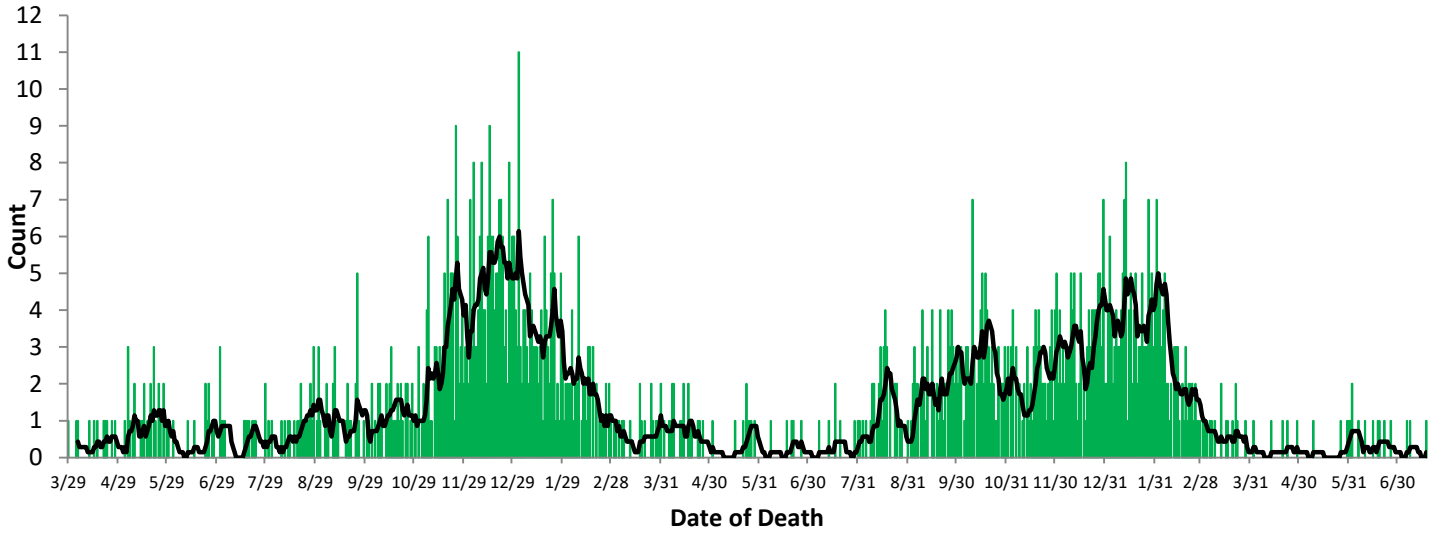
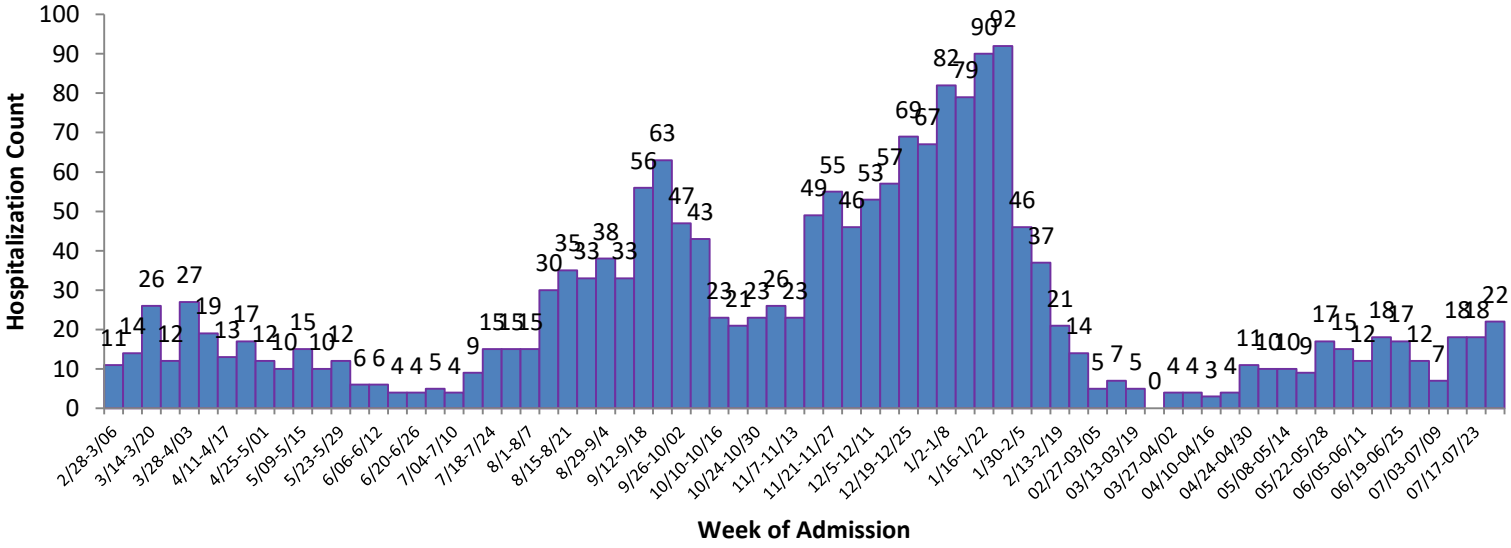
Figure 3. Confirmed COVID-19 Deaths by date of death, 2020-22**



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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High	• Wear a well-fitting mask[1] indoors in public, regardless of vaccination status (including in K-12 schools and other indoor community settings)
	• If you are immunocompromised or high risk for severe disease
	  – Wear a mask or respirator that provides you with greater protection
	  – Consider avoiding non-essential indoor activities in public where you could be exposed
	  – Talk to your healthcare provider about whether you need to take other precautions (e.g., testing)
	  – Have a plan for rapid testing if needed (e.g., having home tests or access to testing)
	  – Talk to your healthcare provider about whether you are a candidate for treatments like oral antivirals, PrEP, and monoclonal antibodies
	• If you have household or social contact with someone at high risk for severe disease
	  – consider self-testing to detect infection before contact
	  – consider wearing a mask when indoors with them
	• Stay up to date with COVID-19 vaccines and boosters
	• Maintain improved ventilation throughout indoor spaces when possible
	• Follow CDC recommendations for isolation and quarantine, including getting tested if you are exposed to COVID-19 or have symptoms of COVID-19
		• Consider setting-specific recommendations for prevention strategies based on local factors
		• Implement healthcare surge support as needed
		• Protect people at high risk for severe illness or death by ensuring equitable access to vaccination, testing, treatment, support services, and information
		• Consider implementing screening testing or other testing strategies for people who are exposed to COVID-19 in workplaces, schools, or other community settings as appropriate
		• Implement enhanced prevention measures in high-risk congregate settings (see guidance for correctional facilities and homeless shelters)
		• Distribute and administer vaccines to achieve high community vaccination coverage and ensure health equity
		• Maintain improved ventilation in public indoor spaces
		• Ensure access to testing, including through point-of-care and at-home tests for all people
		  – Communicate with organizations and places that serve people who are immunocompromised or at high risk for severe disease to ensure they know how to get rapid testing
		• Ensure access and equity in vaccination, testing, treatment, community outreach, support services for disproportionately affected populations

[1] **At all levels, people can wear a mask based on personal preference, informed by personal level of risk. People with symptoms, a positive test, or exposure to someone with COVID-19 should wear a mask.**

Source: https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html#anchor_47145

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