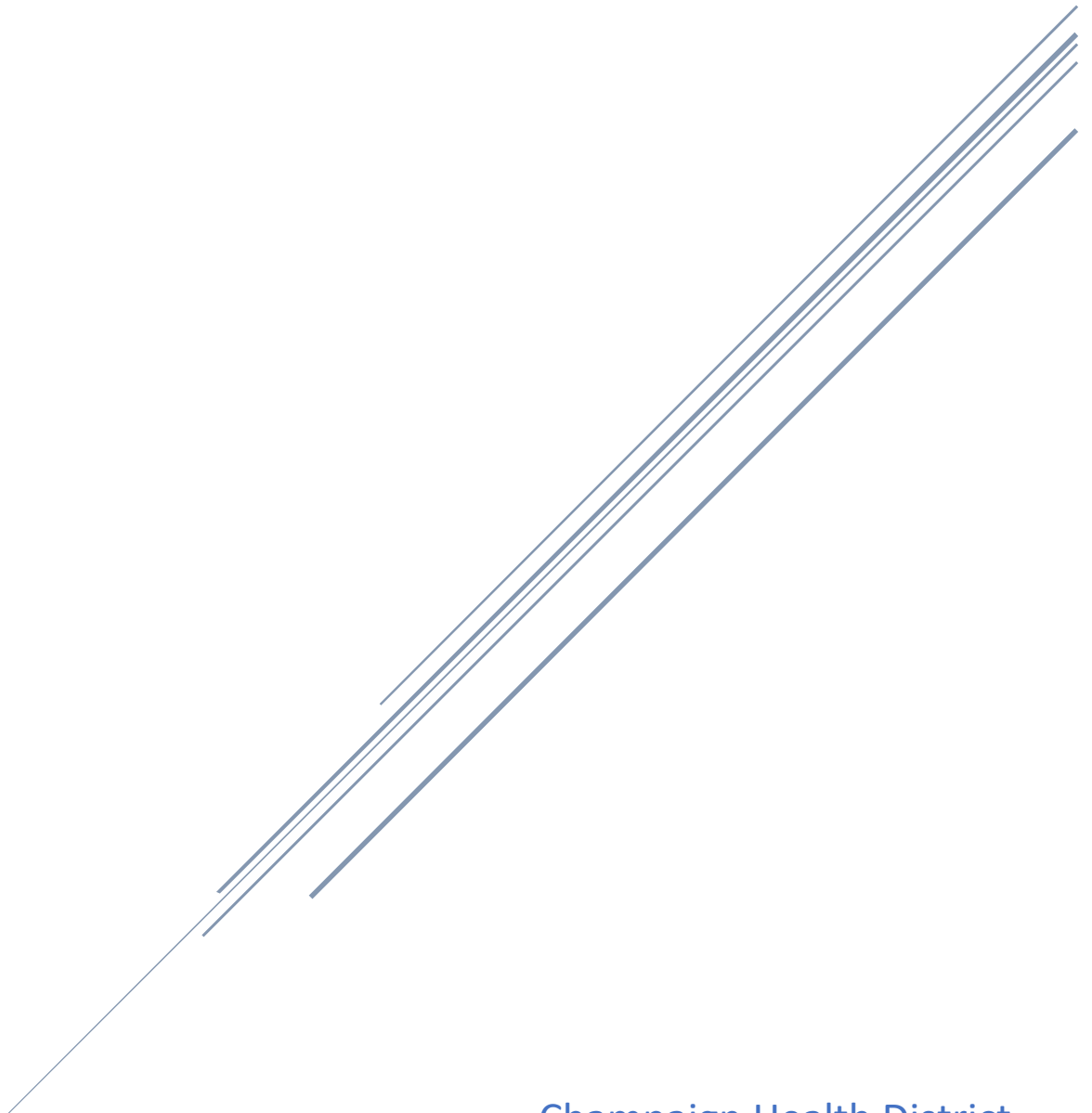


COVID-19 2020-2021 REPORT

Champaign County



Champaign Health District
6/6/2022

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General Background

Coronavirus disease 2019 (COVID-19) was first identified in Wuhan, China, in December 2019. It was caused by a new coronavirus, and since then multiple variants have emerged which included, delta and omicron variants, within the United States and worldwide. Although most people who have COVID-19 have mild symptoms, COVID-19 can also cause severe illness and even death. Some groups, including older adults and people who have certain underlying medical conditions, are at increased risk of severe illness¹.

On February 11, 2020, the World Health Organization announced an official name for the disease that is causing the 2019 novel coronavirus outbreak. The new name of this disease is coronavirus disease 2019, abbreviated as COVID-19. In COVID-19, ‘CO’ stands for ‘corona,’ ‘VI’ for ‘virus,’ and ‘D’ for disease. Formerly, this disease was referred to as “2019 novel coronavirus” or “2019-nCoV.”

Within the United States, there are three COVID-19 vaccines available. Pfizer-BioNTech and Moderna are two dose series, while Janssen (Johnson & Johnson; J&J) is one dose. Pfizer received an emergency use authorization (EUA) from the FDA for individuals 16 years of age and older and began administration December 2020. The authorization was expanded to include 12- to 15-year-olds in May 2021. Moderna received an EUA from the FDA December 2020 for individuals 18 years of age and older. J&J received an EUA for individuals 18 years of age and older February 2021. The Pfizer EUA received an amendment September 2021 to allow a single booster to be administered 6 months after completion of the primary series. Moderna and J&J received their EUA amendments October 2021².

Demographics

Gender

Between 2020 and 2021, Champaign County had 5,315 lab confirmed cases and 1,398 probably cases of COVID-19, for a total of 6,713. 54.2% of cases reported to Champaign County identified themselves as male (Figure 1). As of 2021, males make up 50.1% of the Champaign County population³.

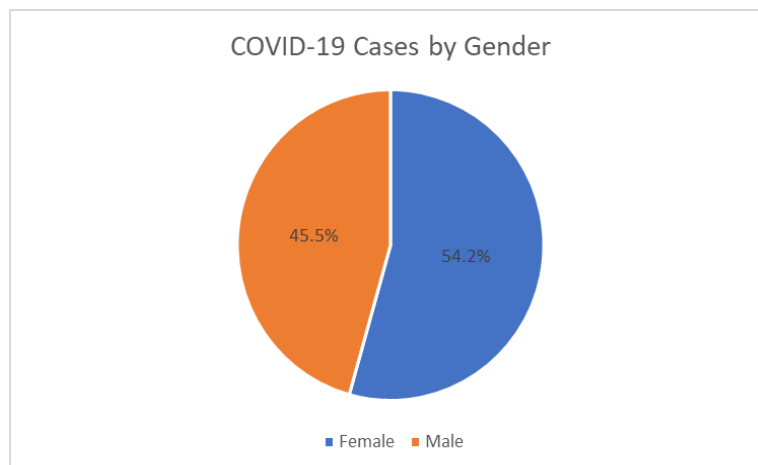


Figure 1 COVID-19 Cases by Gender, 2020-2021, Champaign County.

¹ [https://www.cdc.gov/coronavirus/2019-ncov/your-health/about-covid-19/basics-covid-19.html#:~:text=COVID%2D19%20\(coronavirus%20disease%202019,%2C%20a%20flu%2C%20or%20pneumonia.](https://www.cdc.gov/coronavirus/2019-ncov/your-health/about-covid-19/basics-covid-19.html#:~:text=COVID%2D19%20(coronavirus%20disease%202019,%2C%20a%20flu%2C%20or%20pneumonia.)

² Vaccine & Booster Timeline: <https://www.hhs.gov/coronavirus/covid-19-vaccines/index.html>

³ Champaign County population: <https://www.census.gov/quickfacts/fact/table/champaigncountyohio/PST045221>

Race and Ethnicity

63.3% of reported cases identify as non-Hispanic (Figure 2) and 64.3% identify as white (Figure 3). Over a third of cases (35.4%) have 'Unknown' as their ethnicity. The 'Other' group includes American Indian, Alaskan Native, Asian, Native Hawaiian, and Pacific Islander due to small counts.

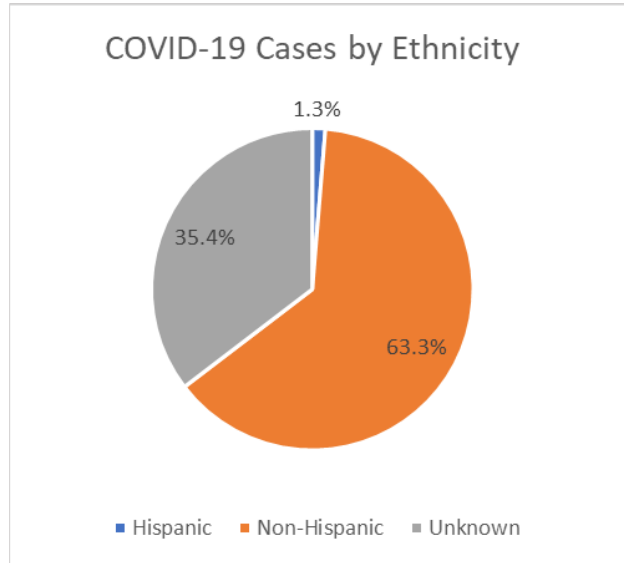


Figure 2 COVID-19 Cases by Ethnicity, 2020-2021, Champaign County.

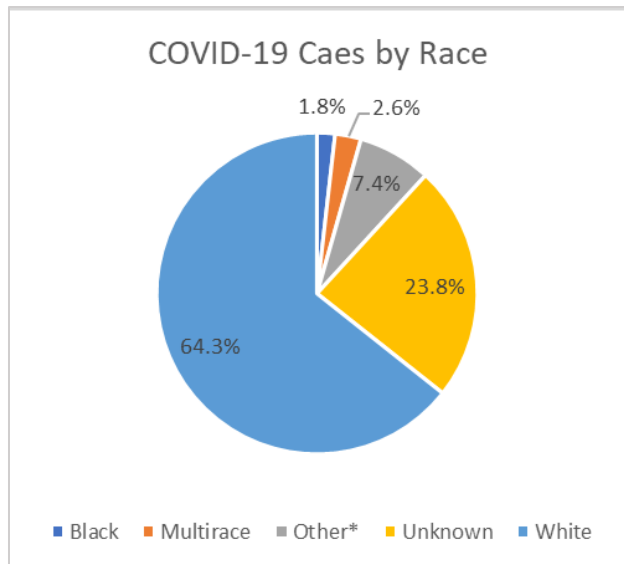


Figure 3 COVID-19 Cases by Race, 2020-2021, Champaign County.

Age

The average age of cases is 41.3 years of age, with a range from 0- to 106-years of age (Figure 4). The highest concentration of cases is within the 0-19 age group (1216 cases), while the lowest and second lowest is within 100+ (3 cases) and 90-99 (45), respectively.

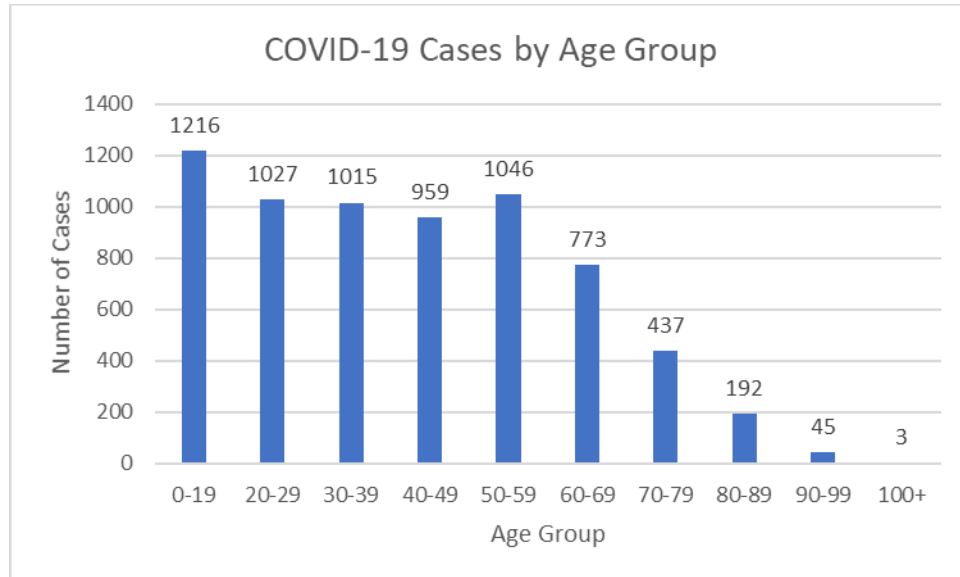


Figure 4 COVID-19 Cases by Age Group, 2020-2021, Champaign County.

Zip Code

The zip code with the highest percentage of cases was 43078 (Urbana) being 57.5% of cases (Figure 5). The second highest zip code was 43072 (Saint Paris) with 13.6% of cases. 43047 (Mingo) was combined into Cable and 43083 (Westville) was combined into Urbana, due to those zip codes not having their own population counts.

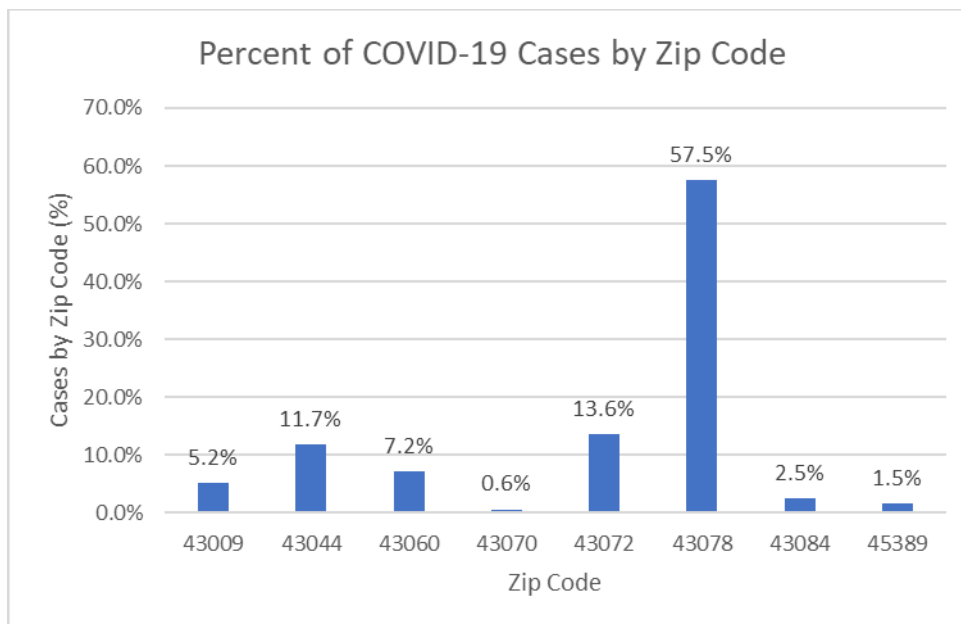


Figure 5 COVID-19 Cases by Zip Code, 2020-2021, Champaign County.

Given the difference in population size per zip code, it is important to take a look at the percent of cases per zip code population (Figure 6). 43070 (Rosewood) has the highest percentage of cases per population at 28.6% (38 cases, 133 population). 43078 (Urbana) has the second highest percentage of cases per population at 25.3% (3578 cases, 14,119 population).

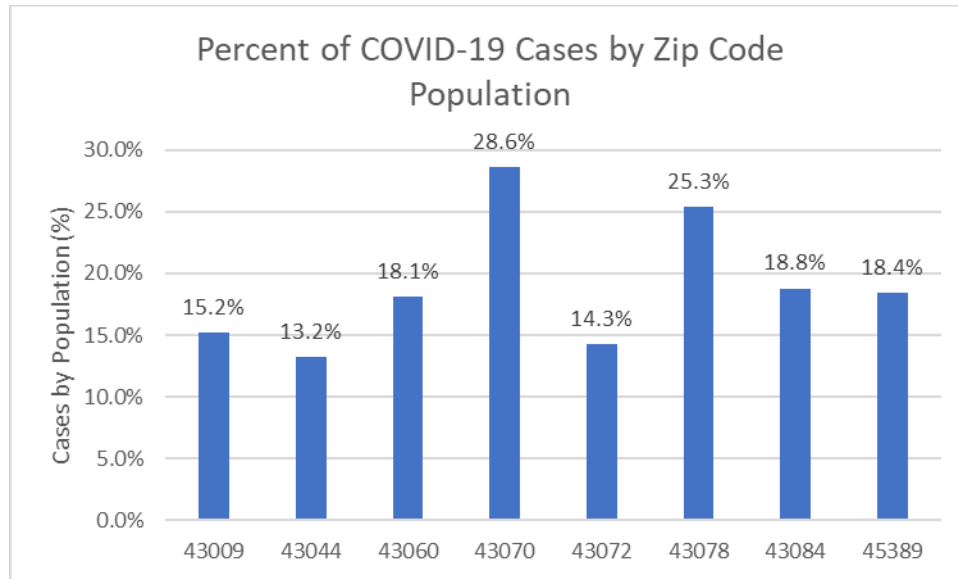


Figure 6 COVID-19 Cases by Zip Code Population, 2020-2021, Champaign County.

The below table (Table 1) shows the percent of cases per zip code by population and by total cases. Only zip codes included within Champaign County, OH are displayed.

Table 1 Percent of COVID-19 Cases per Zip Code by Population and Total Cases, 2020-2021, Champaign County.

City	Zip Code	Case Count	Percent Cases per Population	Percent Cases per Total Cases
Cable	43009	325	15.2%	5.2%
Mechanicsburg	43044	730	13.2%	11.7%
North Lewisburg	43060	448	18.1%	7.2%
Rosewood	43070	38	28.6%	0.6%
Saint Paris	43072	848	14.3%	13.6%
Urbana	43078	3,578	25.3%	57.5%
Woodstock	43084	158	18.8%	2.5%
Christiansburg	45389	96	18.4%	1.5%

COVID-19 Deaths

****2020 and 2021 Death Data is still Preliminary and subject to change.****

In 2020, Champaign County had a total of 36 COVID-19 deaths and in 2021 Champaign County had a total of 77 deaths (Figure 7).

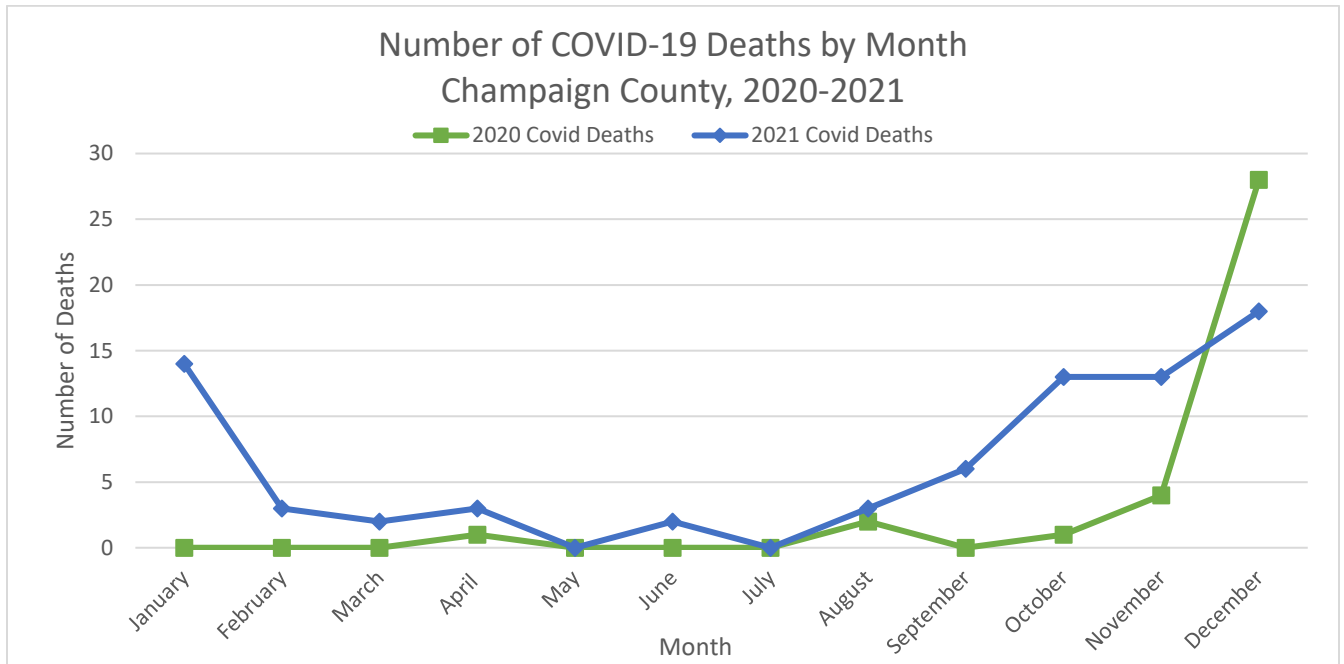


Figure 7 Number of COVID-19 Deaths by Month, 2020-2021, Champaign County.

In 2020, the month of December had the greatest number of deaths reported (28) and for 2021, the month of December had the greatest number of deaths reported (18) (Table 2).

Table 2 COVID-19 Deaths by Month and Year, 2020-2021, Champaign County.

Month	2020 Covid Deaths	2021 Covid Deaths
January	0	14
February	0	3
March	0	2
April	1	3
May	0	0
June	0	2
July	0	0
August	2	3
September	0	6
October	1	13
November	4	13
December	28	18