

Maternal/Infant Health

Data presented in this report was compiled from the ODH Data Warehouse.

Data in this Report is based on live births. An infant is defined as anyone below the age of 1.

Demographics

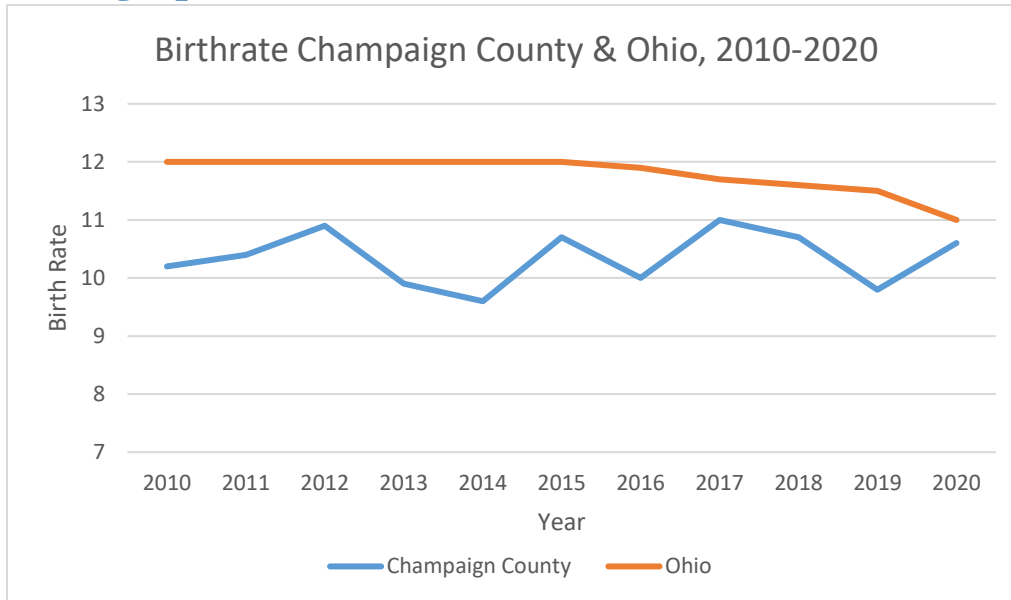


Figure 1: Birthrate, Champaign County, Ohio, 2008-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.

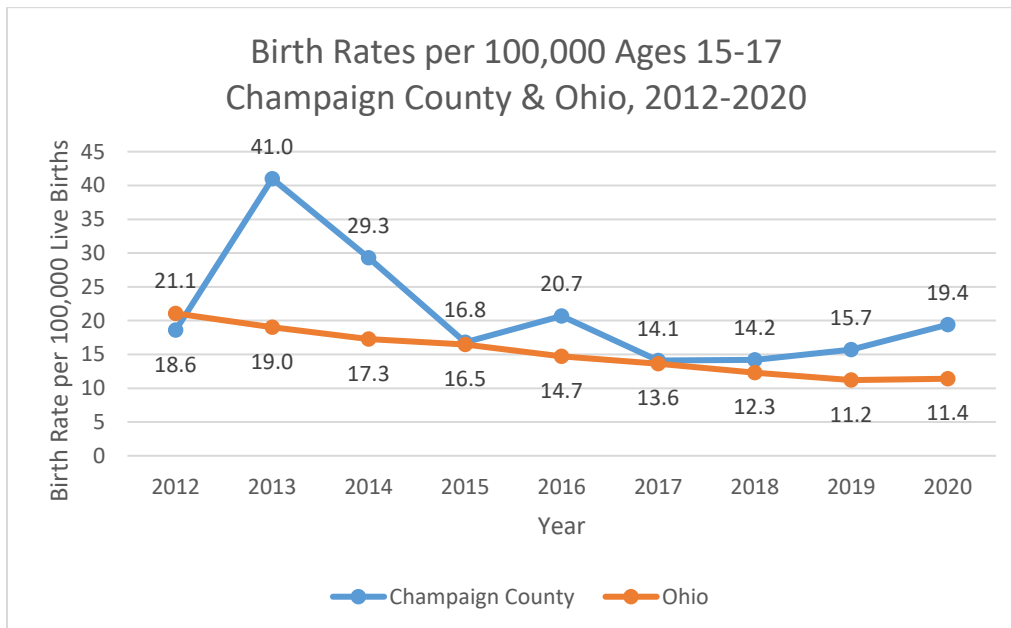


Figure 2: Birthrate, Ages 15-17, Champaign County, Ohio, 2012-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.

Infant Mortality/Cause of Death

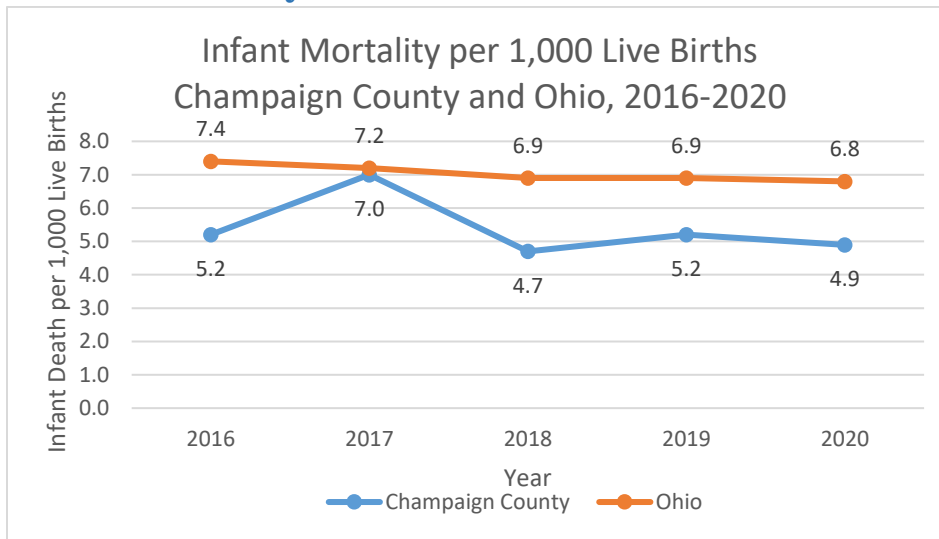


Figure 3: Infant Mortality Rate per 1,000 live births, Champaign County, Ohio, 2016-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.

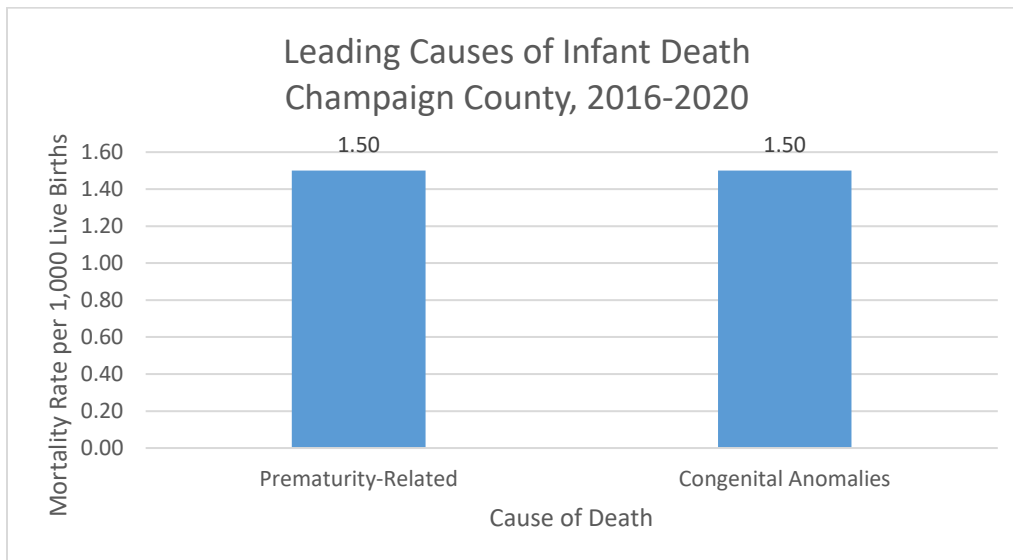


Figure 4: Leading causes of infant death, Champaign County, 2016-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health Specifically disclaims responsibility for any analysis, interpretations, or conclusions.

Table 1: Infant Mortality Rate per 1,000 live births, Champaign County, Ohio, 2017-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.

Race	Champaign County		Ohio	
	Black	White	Black	White
Infant Mortality Rate	37.7*	4.6*	12.0	6.0

*Rates based on fewer than 20 infant deaths should be interpreted with caution

Table 2: Leading Causes of Infant Death by Race, Ohio, 2019, ODH Infant Mortality Report, Rates per 1,000.

Cause of Infant Death	All Races	Black	White	Hispanic
Prematurity-Related	2.0	4.0	1.4	1.8
Congenital Anomalies	1.3	1.5	1.3	1.5
Obstetric Conditions	0.8	1.4	0.7	0.3
External Injury	0.5	1.0	0.3	0.7
Sudden Infant Death Syndrome (SIDS)	0.4	1.2	0.2	0.8
Perinatal Infections	0.4	0.9	0.3	0.4
Other infections	0.3	0.6*	0.2	**
Birth Asphyxia	0.1	**	**	**
Undetermined	0.1	**	**	**

*Based on less than 20 deaths, interpret with caution

**Suppressed due to less than 10 deaths

Birth Outcomes

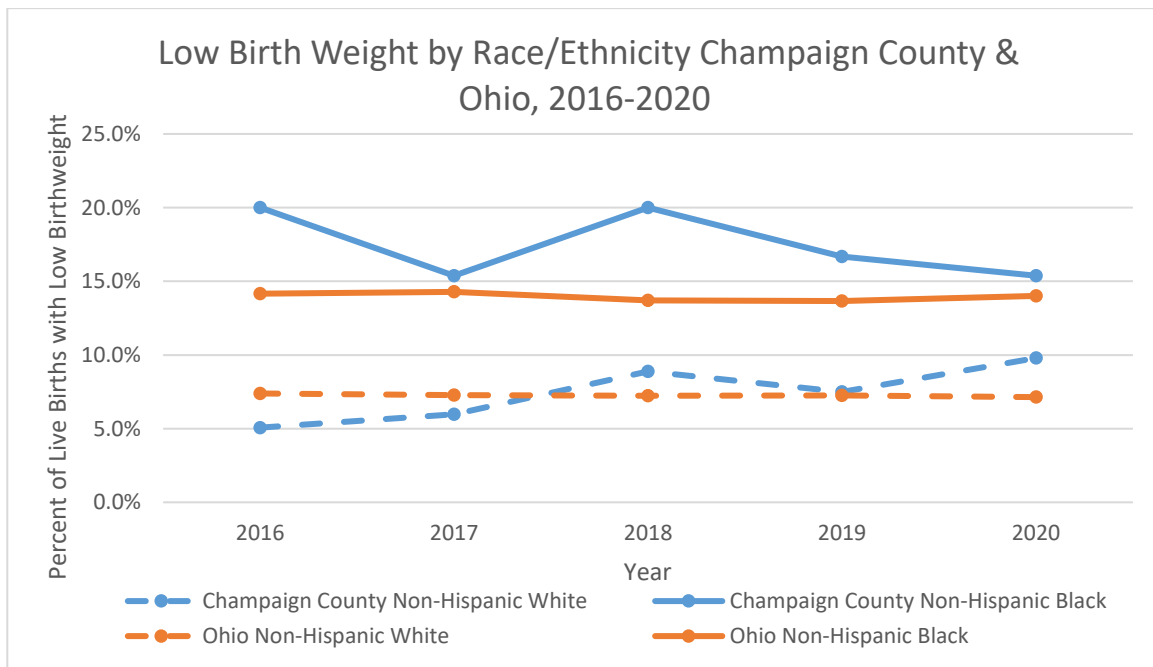


Figure 5: Percent of live births with low birthweight by race and ethnicity, Champaign County, Ohio, 2016-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.

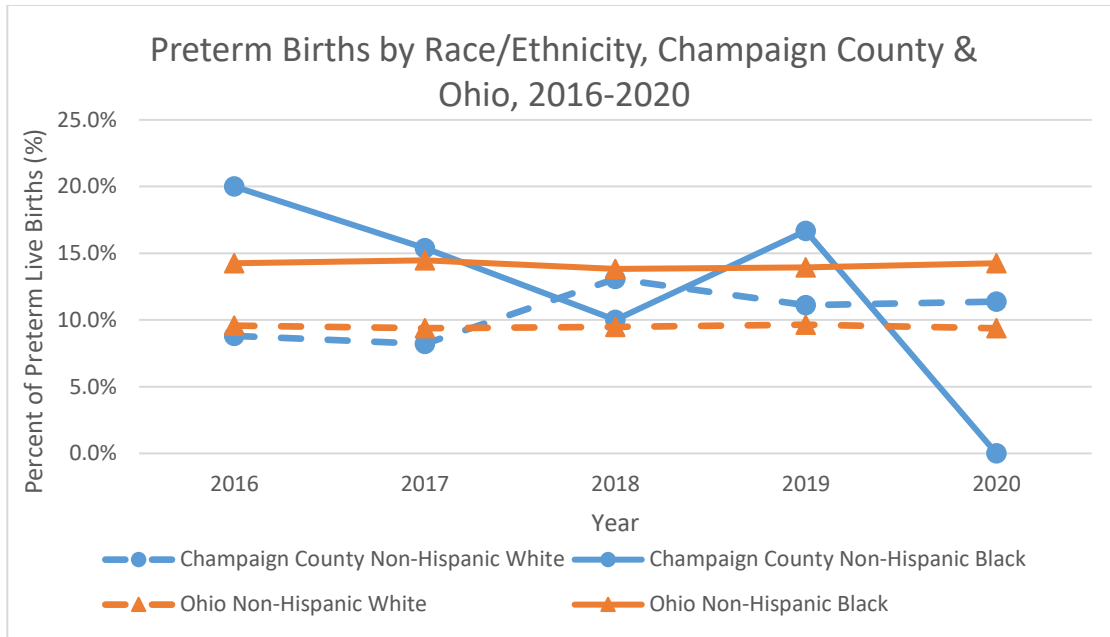


Figure 6: Percent of preterm births by race, Champaign County, Ohio, 2016-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.

Table 3: Overall Preterm Live Births , Champaign County Versus Ohio, 2012-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.

	Champaign County	Ohio
2012	11.9%	10.5%
2013	10.3%	10.3%
2014	8.8%	10.3%
2015	8.7%	10.3%
2016	9.0%	10.4%
2017	8.9%	10.4%
2018	13.4%	10.3%
2019	11.0%	10.5%
2020	10.7%	10.3%

Prenatal Care

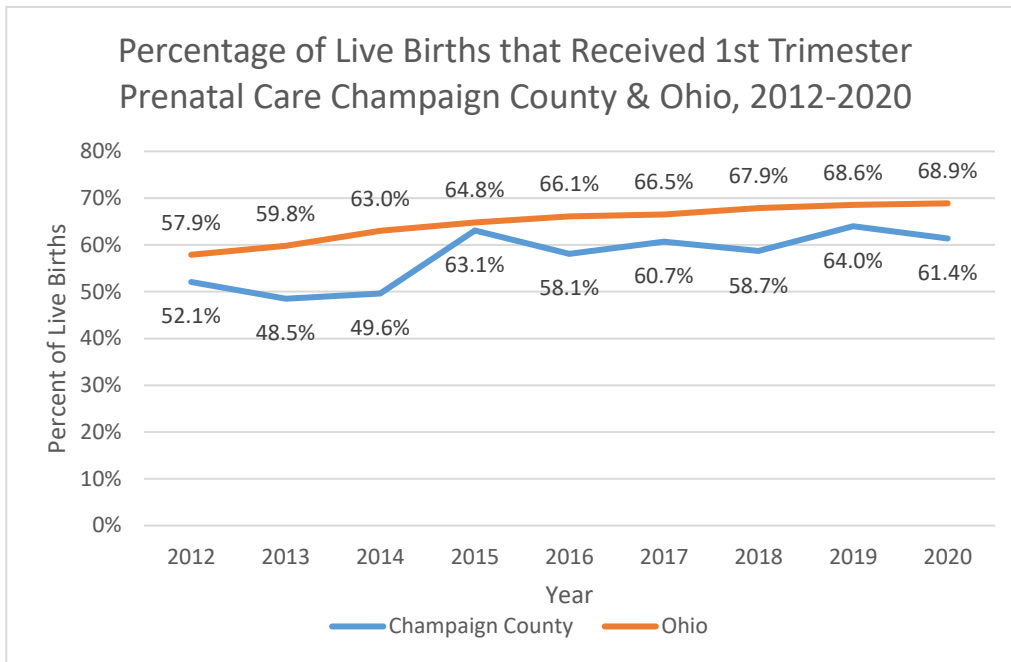


Figure 7: Percent of live births that received prenatal care during the 1st trimester, Champaign County, Ohio, 2012-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.

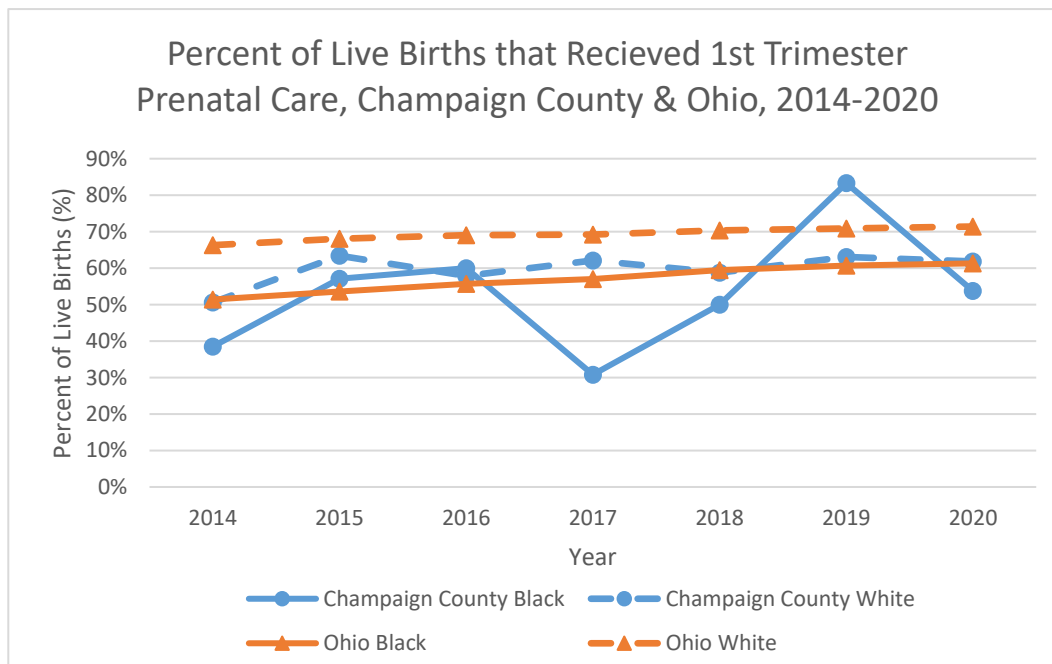


Figure 8: Percent of live births that received prenatal care during the 1st trimester, by race, Champaign County, Ohio, 2014-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.

Table 4: Percent of Live Births that Received Prenatal Care during the 1st Trimester, By Race, Champaign County, Ohio, 2014-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.

	Champaign County		Ohio	
	Black	White	Black	White
2014	38.5%	50.6%	51.4%	66.3%
2015	57.1%	63.4%	53.6%	68.1%
2016	60.0%	57.9%	55.7%	69.0%
2017	30.8%	62.1%	57.0%	69.2%
2018	50.0%	58.8%	59.5%	70.3%
2019	83.30%	63.10%	60.70%	70.90%
2020	53.80%	61.80%	61.30%	71.40%

The Kotelchuck Index, also called the Adequacy of Prenatal Care Utilization (APNCU) Index, uses two crucial elements obtained from birth certificate data, when prenatal care began (initiation) and the number of prenatal visits from when prenatal care began until delivery (received services), to measure adequacy of prenatal care. A ratio of observed to expected visits is calculated and grouped into four categories: 1) Inadequate (received less than 50% of expected visits), 2) Intermediate (50%-79%), 3) Adequate (80%-109%), and 4) Adequate Plus (110% or more).

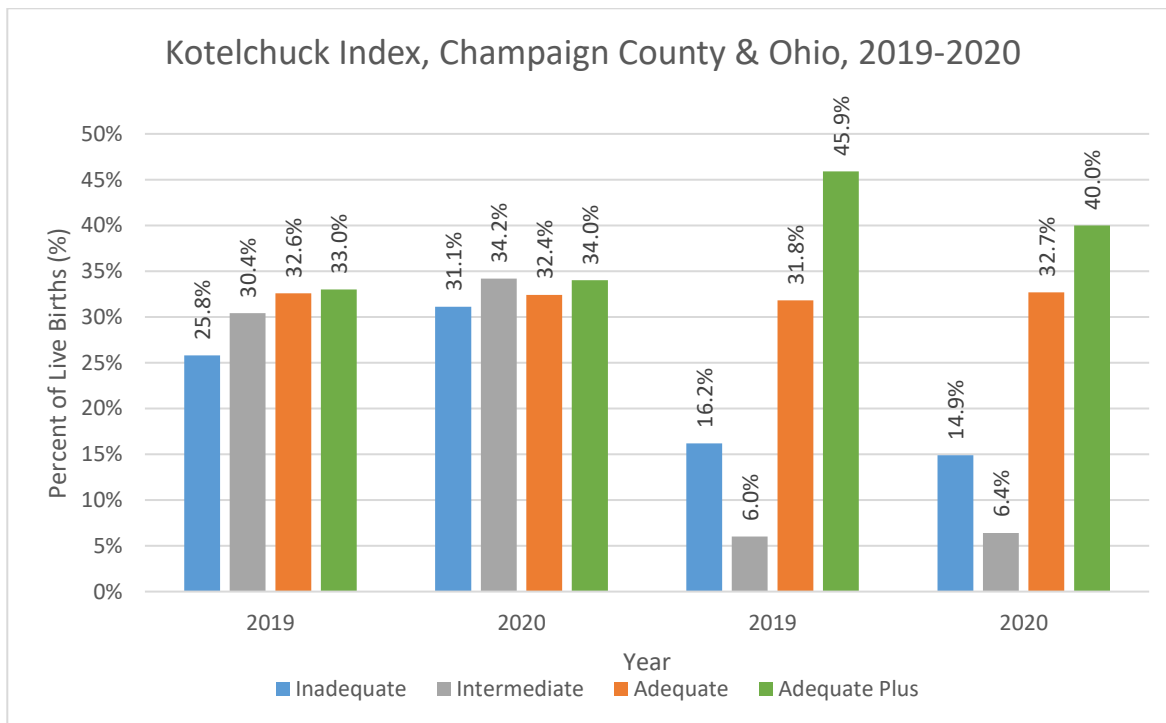


Figure 9: Average Kotelchuck Index for Champaign County and Ohio, 2019-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or

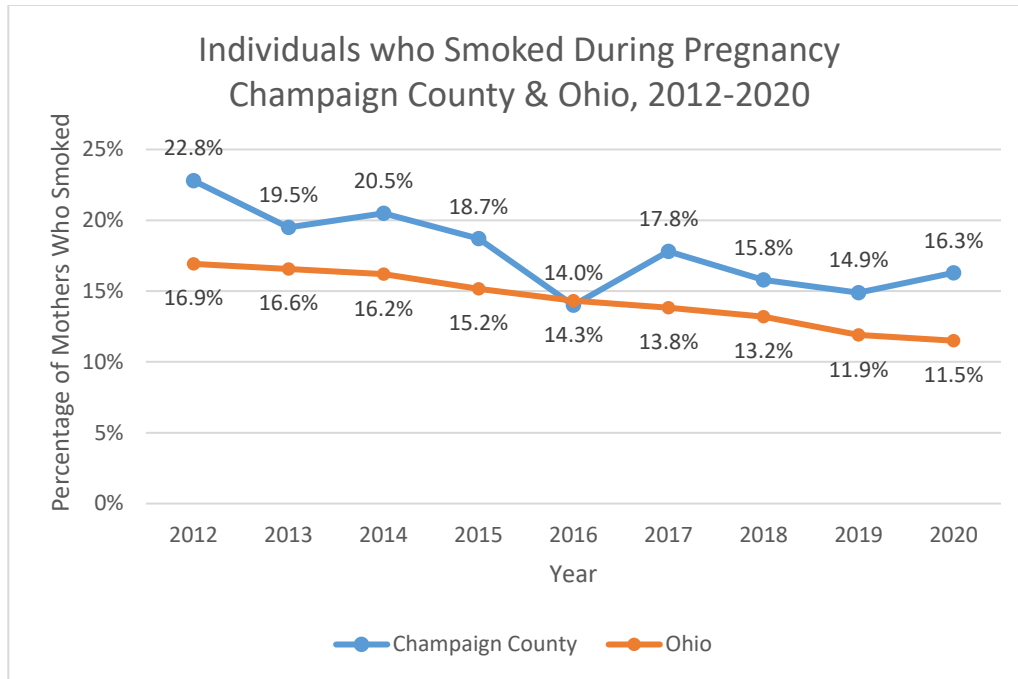


Figure 10: Individuals who smoked during pregnancy, Champaign County, Ohio, 2012-2020. Data queried from the Ohio Department of Health Public Health Information Warehouse. The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations, or conclusions.