



## Colerain Township

### Community Health Assessment

Welcome to the Community Health Pathway of WeTHRIVE!<sup>SM</sup> Here you will find a brief Community Health Assessment for your community. This Community Health Assessment will provide you with health information about your community along with how your community stacks up against Hamilton County, Ohio, US data/statistics & the national Healthy People 2020 Goal\*. The following health indicators will be addressed within the Community Health Assessment:

- Injury
- Chronic Disease
- Infant Mortality
- Maternal & Child Health
- Infectious Disease
- Life Expectancy

\*Compared where data and Healthy People 2020 Goal available.

### Injury in Colerain Township

Injuries affect everyone, regardless of age, race, or economic status. Individuals who suffer from an injury - whether it is intentional or unintentional - can experience lasting effects that can become chronic. These lasting effects can create a financial burden on both the individual and the community. However, they can be prevented.

#### Top 5 Unintentional Injuries, 2008-2012

Unintentional injuries are commonly known as accidents

	Colerain Township	Hamilton County	United States
1. Fall	3,537.7	2,728.3	2,879.9
2. Struck by, against	1,590.8	1,311.5	1,507.9
3. Overexertion	1,250.5	878.6	1,105.5
4. Motor Vehicle	1,036.6	684.8	859.4
5. Cut/Pierce	819.0	628.7	688.5

\*Age adjusted rate per 100,000 residents.

#### Top 5 Intentional Injuries, 2008-2012

Intentional injuries are known as injuries due to violence.

	Colerain Township	Hamilton County	United States
1. Struck by, against	283.8	280.1	493.6
2. Other, Specified	225.7	120.3	25.0
3. Poisoning	160.4	139.8	80.9
4. Unspecified	61.9	66.0	0.74
5. Cut/Pierce	42.5	58.6	73.6

\*Age adjusted rate per 100,000 residents.

#### What can Colerain Township do?

Want to know how you can prevent injuries from occurring to Colerain Township residents?

Visit: [www.cdc.gov/injury](http://www.cdc.gov/injury) for more information

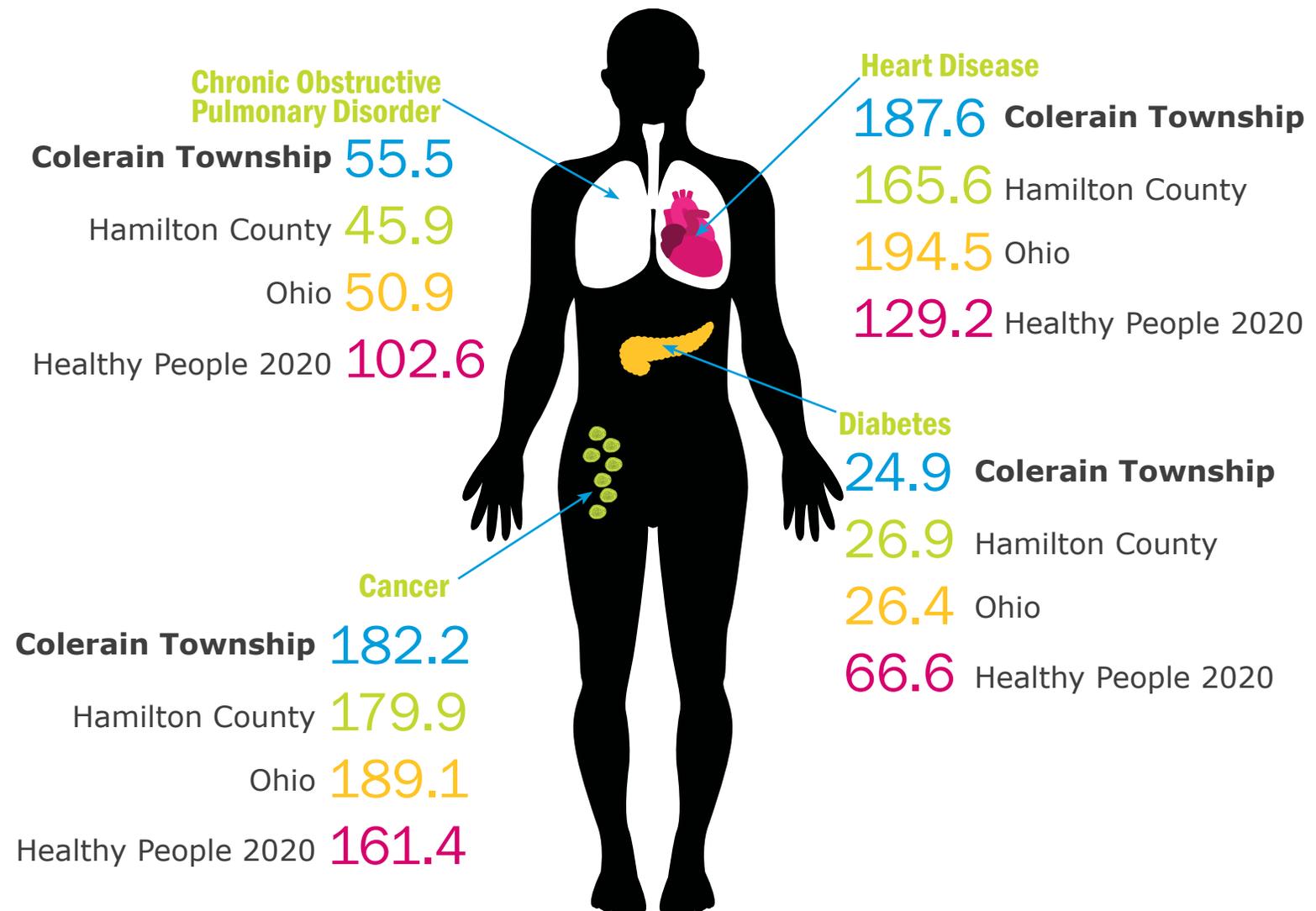


# Chronic Disease in Colerain Township

Chronic diseases such as cancer, diabetes and obesity reaches into a community's homes, hearts and wallets. Effects of chronic disease can be exacerbated by the symptoms of other illnesses and infections and can ultimately lead to premature death. Chronic disease imposes a financial and societal burden on a community that can be prevented.

## Chronic Diseases, 2008-2012

Age adjusted mortality rate per 100,000 residents due to chronic disease.



What can Colerain Township do?

Want to know how you can prevent chronic disease in Colerain Township?

Visit: [www.cdc.gov/chronicdisease](http://www.cdc.gov/chronicdisease) for more information



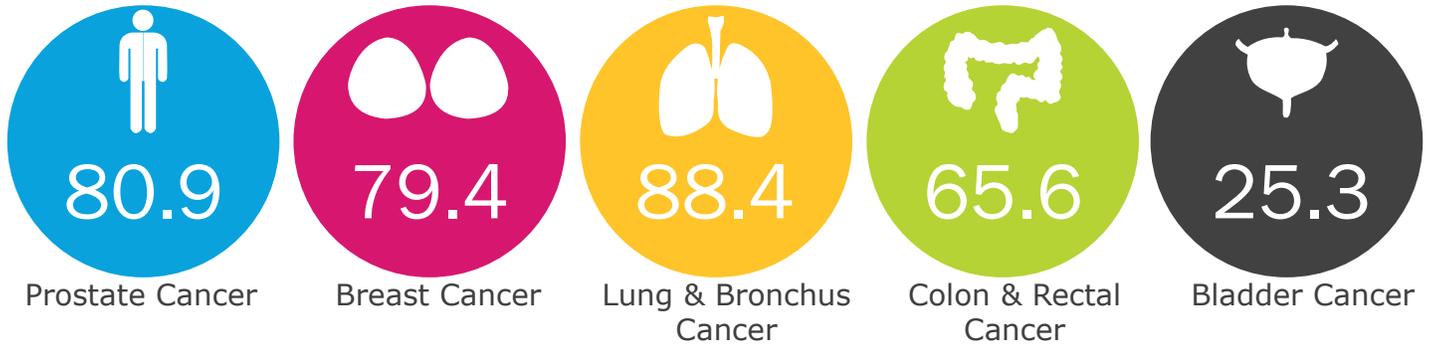
# Chronic Disease in Colerain Township

## Cancer in Colerain Township

Each year more than one million people in the United States are diagnosed with cancer. Cancer not only takes a toll on the health of an individual, it can create a financial burden for a community. In 2009 the National Institutes of Health estimated that cancer cost a total of \$216.6 billion. However, while cancer costs billions of dollars each year to treat, it also costs the community people they love.

### Cancer Incidence, 2008-2012

Age adjusted cancer incidence rate per 100,000 residents.

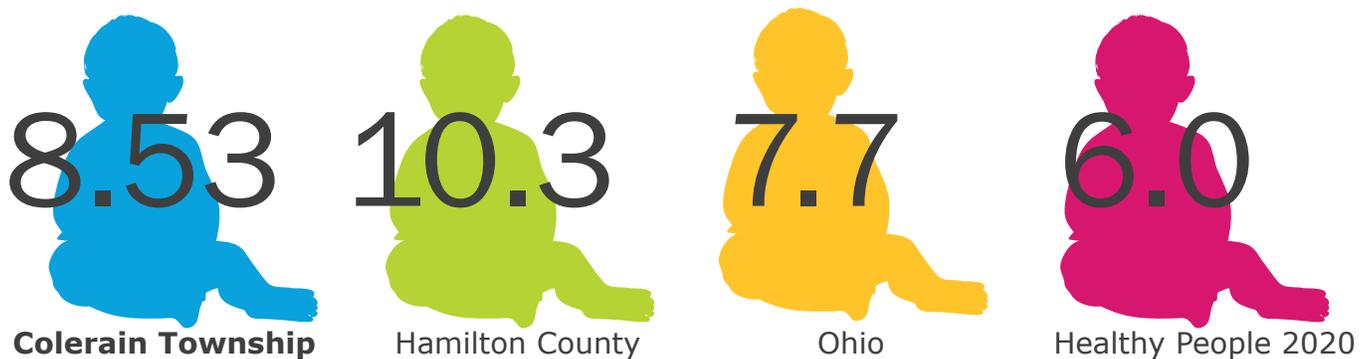


# Infant Mortality in Colerain Township

Infant mortality is one of the most important indicators of community health. The measure comprises maternal health, quality health care, socioeconomic conditions, community access to health care, and public health practices.

### Infant Mortality Rate, 2008-2012

Infant mortality rate is the number of infant deaths per 1,000 live births.



What can Colerain Township do?

Want to know how Colerain Township can work at decreasing their risk for cancer?

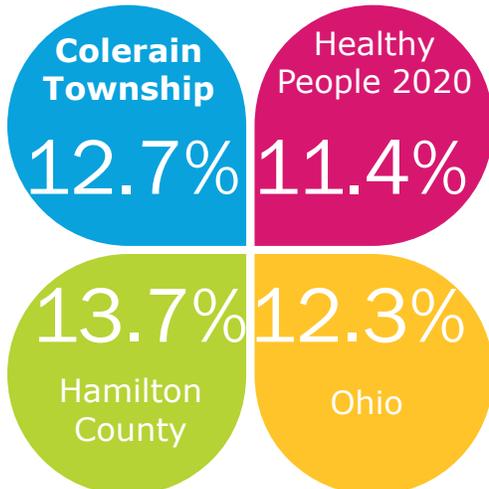
Visit: [www.cdc.gov/cancer/dcpc/prevention](http://www.cdc.gov/cancer/dcpc/prevention) for more information



# Maternal & Child Health in Colerain Township

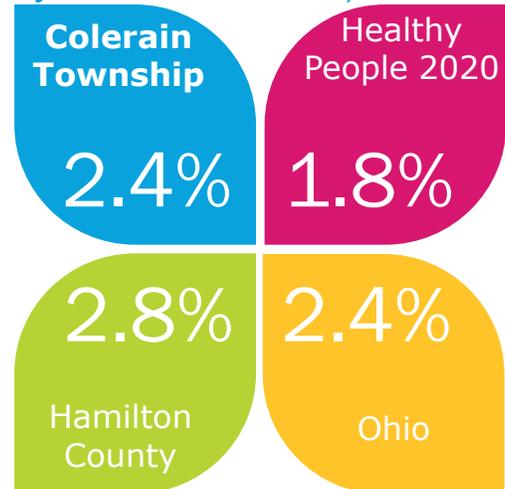
Maternal health plays a significant role in determining the health of the future generations. Access to quality maternal health care identifies health risks in women and can prevent future health problems for both women and their children/ Without access to quality health care, a mother increases her risk for experiencing health complications during pregnancy. She is also at an increased risk for a preterm birth or a low birth weight birth, both of which are risk factors for infant mortality.

## Preterm Birth Rate, 2008-2012



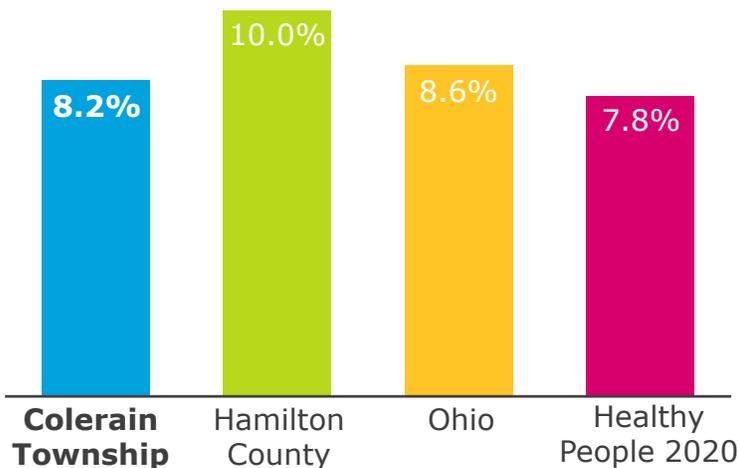
Preterm birth rate is the percentage of babies born prior to 37 weeks gestation.

## Very-Preterm Birth Rate, 2008-2012



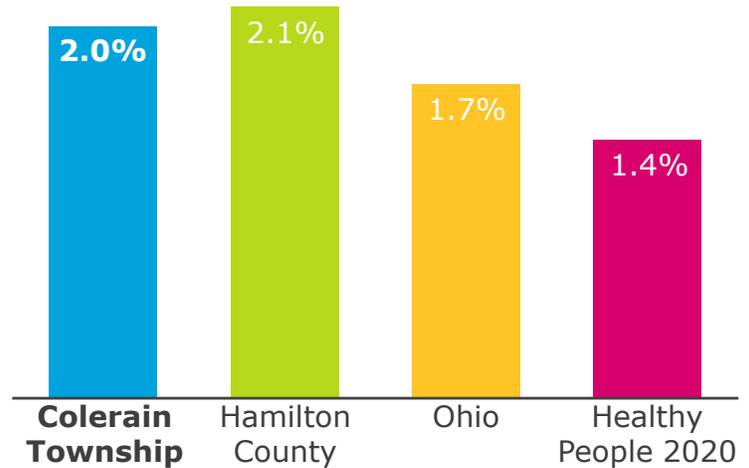
Very-Preterm birth rate is the percentage of babies born prior to 32 weeks gestation.

## Low Birth Weight Birth Rate, 2008-2012



Low birth weight birth rate is the percentage of babies born weighing less than 2,500 grams.

## Very Low Birth Weight Birth Rate, 2008-2012



Very low birth weight birth rate is the percentage of babies born weighing less than 1,500 grams.

## What can Colerain Township do?

Want to know how you can work at increasing maternal and child health in Colerain Township?

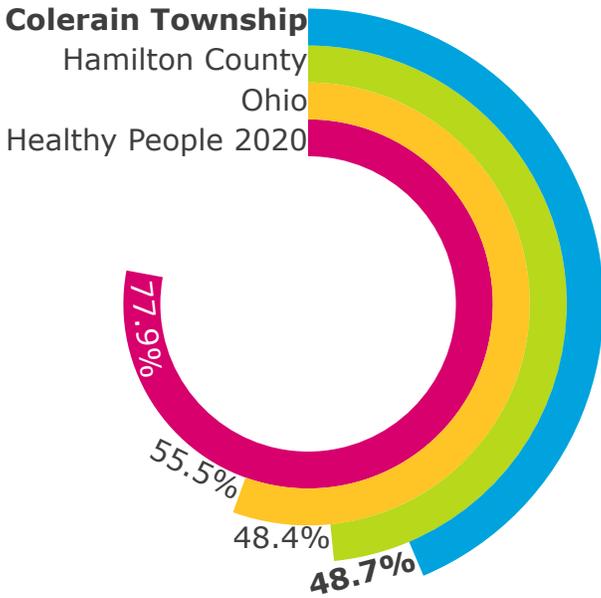
Visit: [www.cdc.gov/reproductivehealth/maternalinfanthealth/](http://www.cdc.gov/reproductivehealth/maternalinfanthealth/) for more information



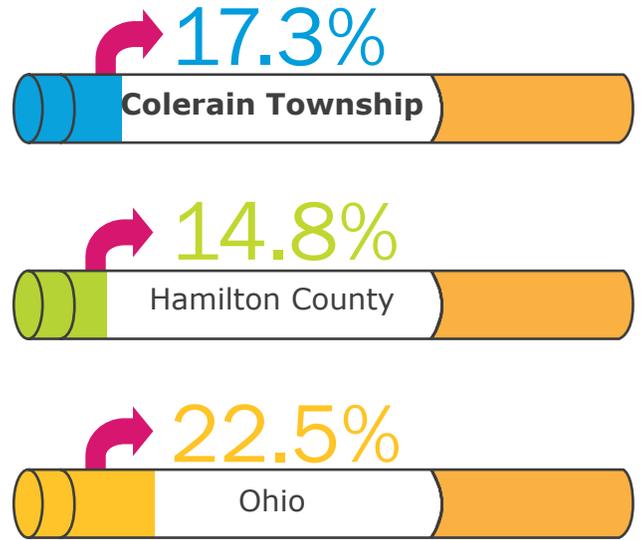


# Maternal & Child Health in Colerain Township

## Percent of Mothers who Began Prenatal Care in the 1<sup>st</sup> Trimester, 2008-2012

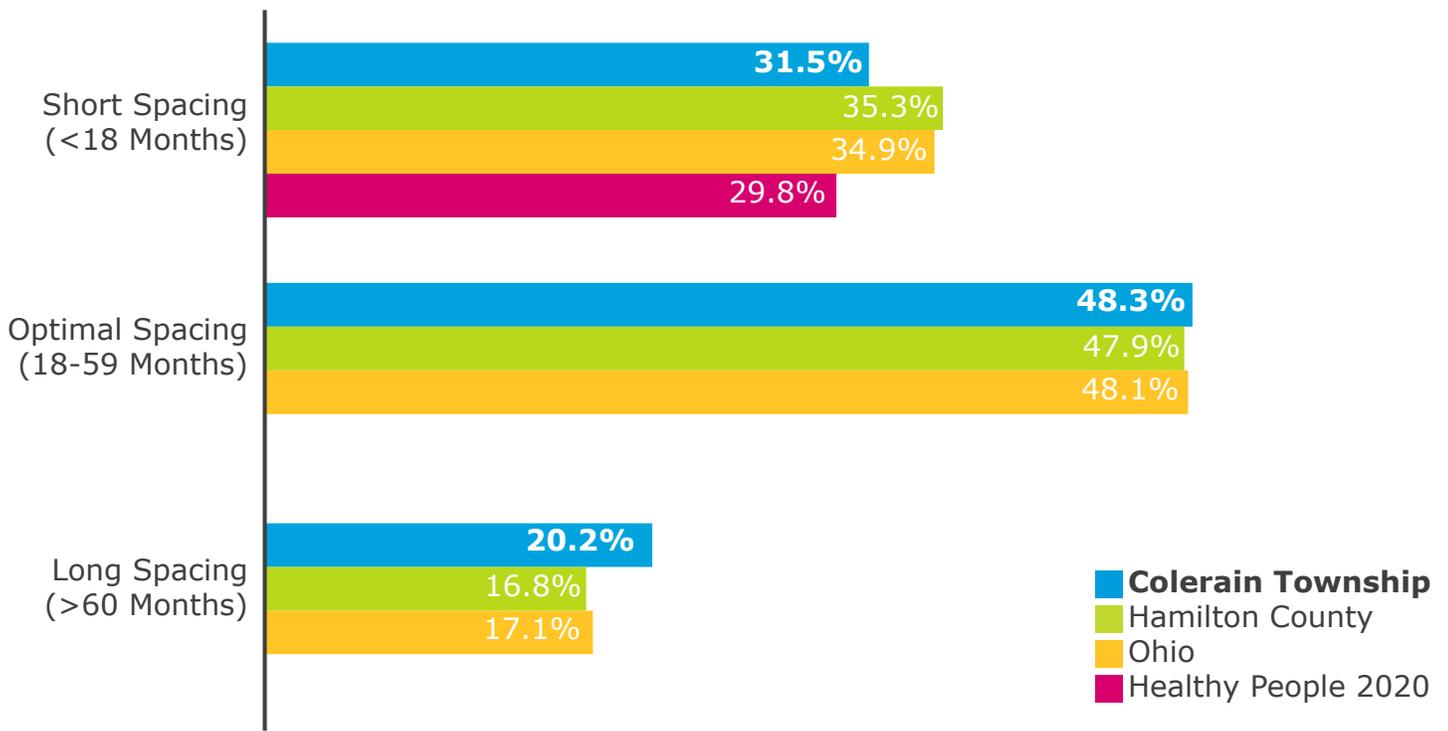


## Percent\* of Mothers who Smoked During Pregnancy, 2008-2012



\*Percentage of pregnant mothers whose smoking status was known.

## Percent\* of Births by Pregnancy Spacing Intervals<sup>†</sup>, 2008-2012



\*Percent of pregnancies does not include first time mothers or pregnancies where information about the previous live birth is missing

† Pregnancy spacing is defined as the months from the previous live birth to conception of the next pregnancy



# Infectious Disease in Colerain Township

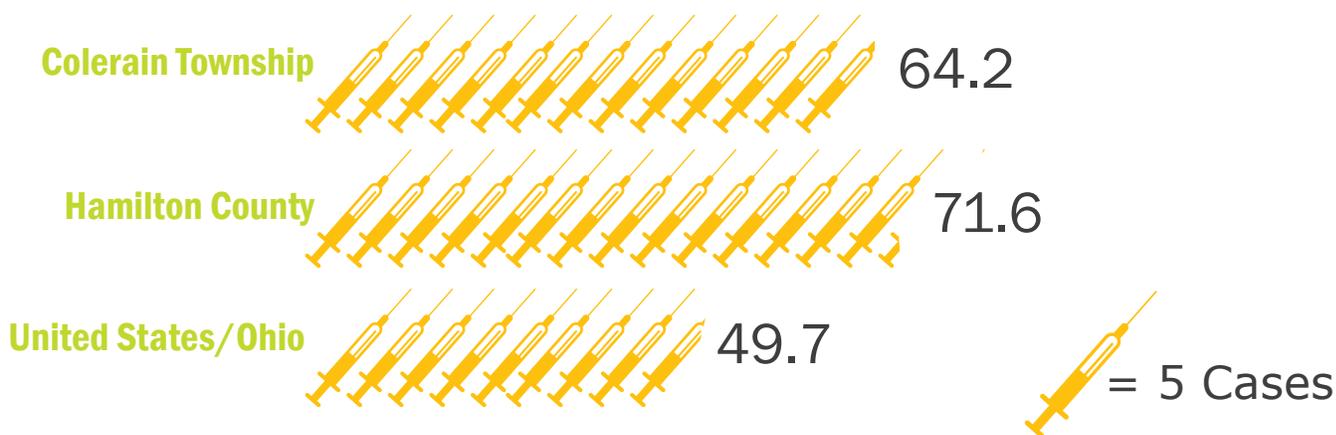
Infectious diseases are diseases that are caused by bacteria, viruses, parasites, or fungi and in many cases spread from one person to another. Infectious diseases are a leading cause of illness and short and long term disability and may result in premature death. Infectious diseases can negatively impact the overall health of a community, and many infectious diseases can be prevented through vaccination.

## Vaccine-Preventable Disease

Many individuals needlessly continue to contract diseases that are vaccine-preventable. Vaccines are among the most cost-effective clinical preventive services available.

### Vaccine-Preventable Diseases, 2009-2013

Number of vaccine-preventable disease cases per 100,000 residents.

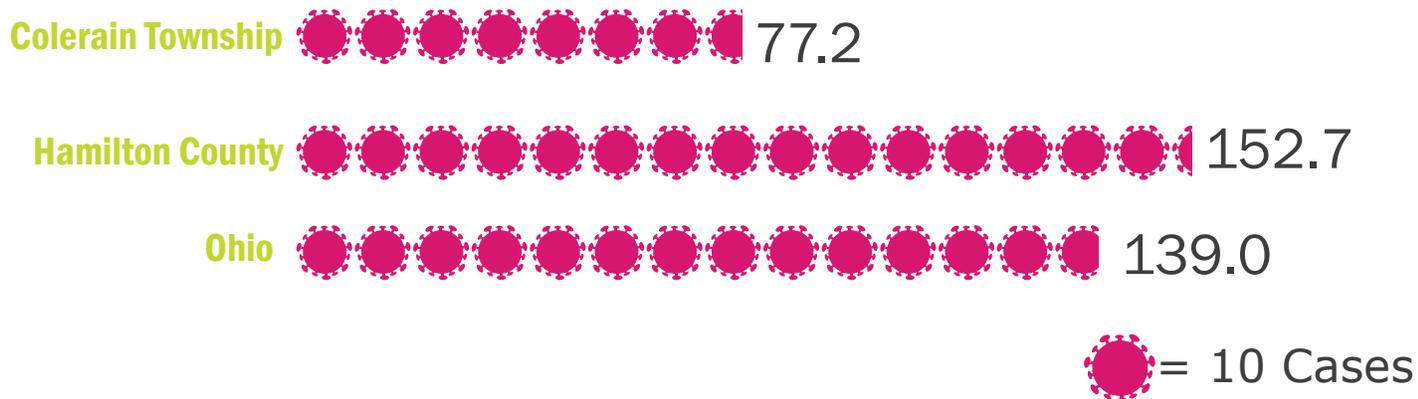


## Hepatitis

The most common types of viral hepatitis infections in the United States are Hepatitis A, Hepatitis B, and Hepatitis C. Many individuals who are infected with hepatitis are unaware of their infection and may pass the virus to other individuals.

### Hepatitis A, B & C, 2009-2013

Number of Hepatitis A, B & C cases per 100,000 residents.



# Infectious Disease in Colerain Township

## Human Immunodeficiency Virus (HIV)

HIV is a preventable disease. Effective HIV prevention methods have been proven to reduce HIV transmission. HIV infection is a financial burden on the community, as it is costly to treat an individual who has the virus. Lifetime treatment cost for an HIV infection is estimated at nearly \$400,000 per person. In 2009, the total lifelong treatment cost for new diagnoses of HIV infection cost Ohioans \$420 million. An individual diagnosed with HIV is also at an increased risk for acquiring other diseases.

### HIV, 2009-2013, 2013

Number of newly diagnosed HIV cases per 100,000 residents.

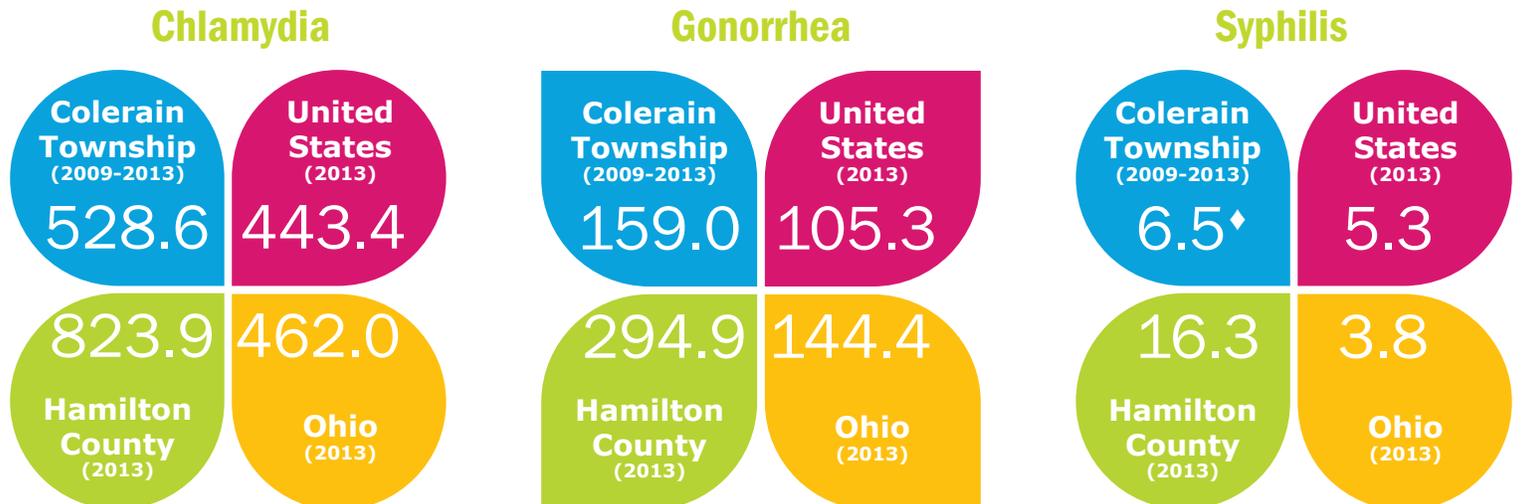


## Sexually Transmitted Infections (STI)

STIs have a significant impact on sexual and reproductive health and rank among the top five disease categories for which adults seek health care. Becoming infected with an STI can have long-lasting health effects such as organ damage, risk of becoming infertile, risk of infant mortality, and risk of acquiring HIV. STIs cost the U.S. healthcare system \$17 billion annually, while the individual cost is even greater in terms of immediate and long-term health consequences.

### Sexually Transmitted Infections, 2009-2013, 2013

Number of STI cases per 100,000 residents.



◆ Rates are based on less than 20 cases



# Average Life Expectancy in Colerain Township

Average life expectancy is the estimate number of years an individual would be expected to live, if they were born today based on mortality statistics. Life expectancy is an important indicator of the overall health of a community when compared to other areas.



### Notes on Data:

State and local data files were obtained from the Ohio Department of Health Disease Reporting System (ODRS), Hamilton County Injury Surveillance System (HCISS), and the Ohio Department of Health Public Health Information Warehouse Birth and Death Data Sets. National data files were obtained from the Centers for Disease Control and Prevention (CDC) WISQARS Database, National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention, CDC Summary of Notifiable Diseases, and CDC HIV Surveillance Report. It should be noted that some statistics regarding disease/injury in Colerain Township are based on a small amount of cases and should be interpreted with caution, as it may be difficult to distinguish random fluctuation in disease/injury incidence from true changes in the underlying risk for the disease/injury. Rates calculated from counts of less than 20 are particularly susceptible to this phenomenon and have been footnoted throughout this report, and are denoted by the ♦ symbol.

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PREVENT. PROMOTE. PROTECT.

