

# Colerain Township

## Community Health Assessment



PREVENT. PROMOTE. PROTECT.



### Community Health Assessment Indicators

- Injury
  - Top 5 unintentional injuries
  - Top 5 intentional injuries
- Chronic Disease
  - Mortality rates for select chronic diseases
- Maternal & Child Health
  - Infant mortality rate
  - Preterm & very-preterm birth rates
  - Low birth weight & very-low birth weight birth rates
  - Prenatal care
  - Smoking while pregnant
  - Pregnancy spacing
- Infectious Disease
  - Vaccine-preventable diseases
  - Hepatitis
  - HIV (Human Immunodeficiency Virus)
  - STI (Sexually Transmitted Infections)
- Average Life Expectancy



## Notes on Data

### State & Local data obtained from:

- Ohio Department of Health Disease Reporting System (ODRS)
- Ohio Department of Health Public Health Information Warehouse Birth and Death Data Sets
- Hamilton County Injury Surveillance System (HCISS)

### National data obtained from:

- 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
- CDC HIV Surveillance Report



### Time Frame:

Years of data will vary by indicator due to availability of finalized data sets.

### Small Number of Cases:

Some statistics for Colerain Township are based on small amount of cases & should be interpreted with caution as it may be difficult to distinguish random fluctuation in disease/injury incidence from true changes in underlying risk for the disease/injury.

### Healthy People 2020:

A set of nationwide health promotion and disease prevention goals that support prevention efforts to create a healthier nation. Are released every 10 years from the US Department of Health and Human Services.

## Injury

### Top 5 Unintentional Injuries, 2008-2012

Unintentional injuries are commonly known as accidents.  
Age adjusted injury rates per 100,000 residents.

	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

## Injury

### Top 5 Intentional Injuries, 2008-2012

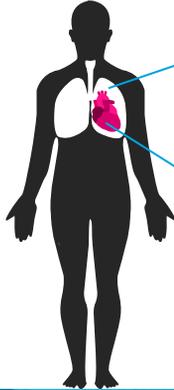
Intentional injuries are known as injuries due to violence.  
Age adjusted injury rates per 100,000 residents.

	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

## Chronic Disease

### Mortality Rate due to Select Chronic Disease, 2008-2012

Age adjusted mortality rates per 100,000 residents.



#### Chronic Obstructive Pulmonary Disease (COPD)

Colerain Township	55.5
Hamilton County	45.9
Ohio	50.9
Healthy People 2020	102.6

COPD includes emphysema, chronic bronchitis, and in some cases asthma. - CDC-

#### Heart Disease

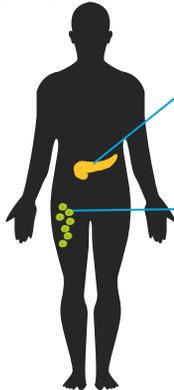
Colerain Township	187.6
Hamilton County	165.6
Ohio	194.5
Healthy People 2020	129.2



## Chronic Disease

### Mortality Rate due to Select Chronic Disease, 2008-2012

Age adjusted mortality rates per 100,000 residents.



#### Diabetes

Colerain Township	24.9
Hamilton County	26.9
Ohio	26.4
Healthy People 2020	66.6

#### Cancer

Colerain Township	182.2
Hamilton County	179.9
Ohio	189.1
Healthy People 2020	161.4

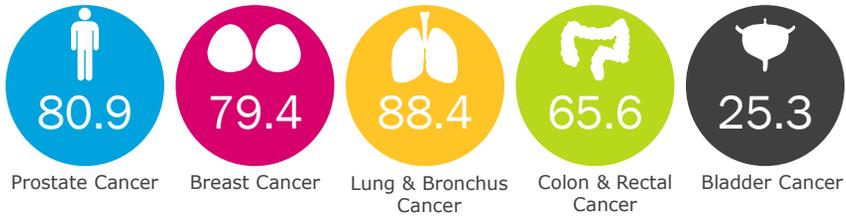
Deaths from all types of cancer.



## Chronic Disease

### Selected Cancer Incidence Rates, 2008-2012

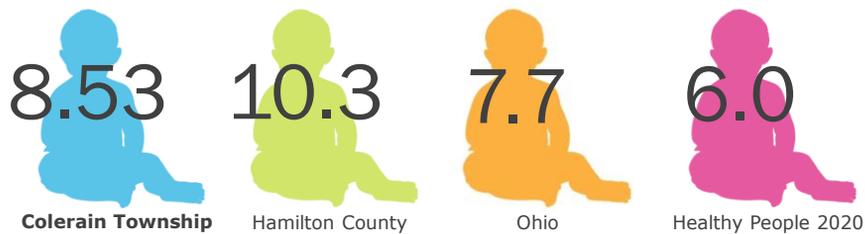
Age adjusted incidence rates per 100,000 residents.  
 Incidence rate is the rate of new cases in a given time period.



## Infant Mortality

### Infant Mortality Rate, 2008-2012

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



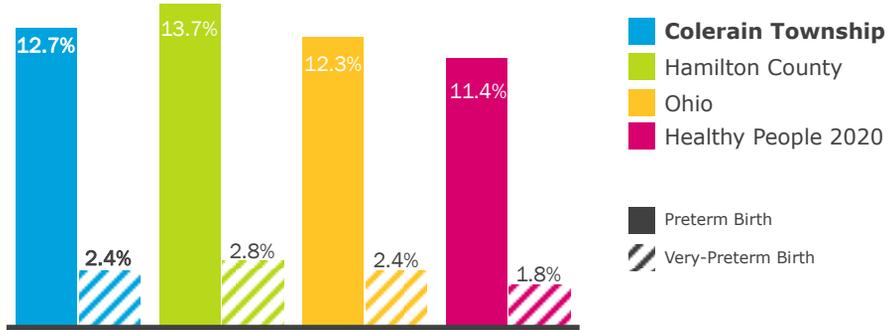
Infant mortality is one of the most important indicators of community health.



## Maternal & Child Health

### Preterm & Very-Preterm Birth Rate, 2008-2012

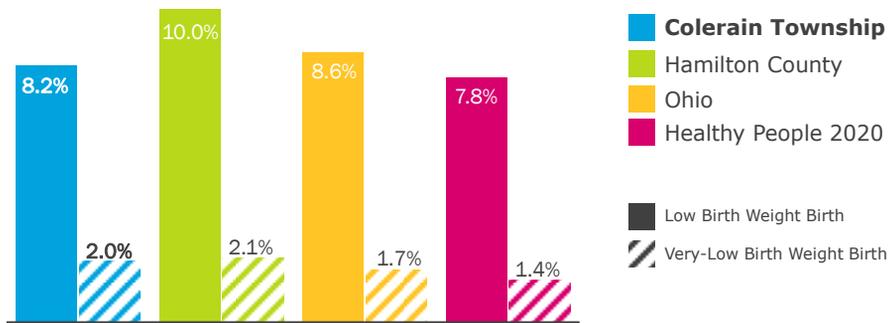
Preterm birth rate is the percentage of babies born prior to 37 weeks gestation.  
 Very-Preterm birth rate is the percentage of babies born prior to 32 weeks gestation.



## Maternal & Child Health

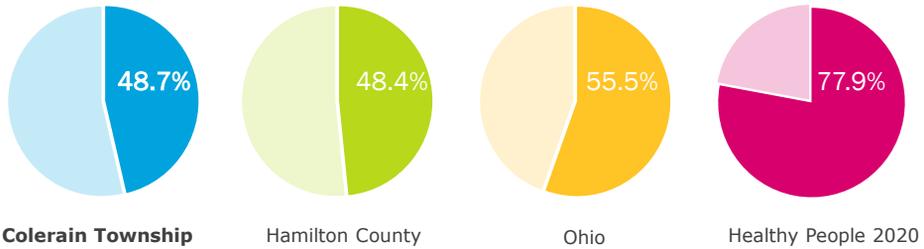
### Low Birth & Very-Low Birth Weight Birth Rate, 2008-2012

Low birth weight birth rate is the percentage of babies born weighing less than 2,500 grams.  
 Very-Low birth weight birth rate is the percentage of babies born weighing less than 1,500 grams.



## Maternal & Child Health

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



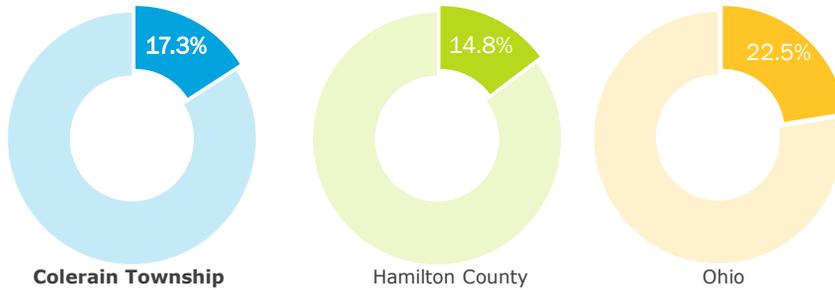
*Having a healthy pregnancy is one of the best ways to promote a healthy birth. Entering prenatal care improves the chances of a healthy pregnancy. – NIH-*



## Maternal & Child Health

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

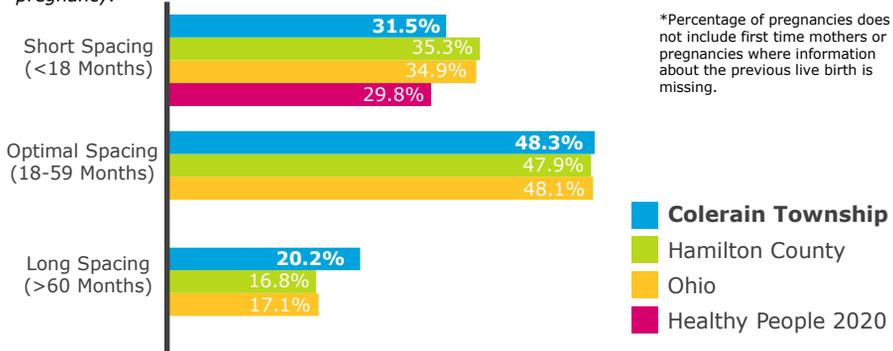
*\*Percentage of pregnant mothers whose smoking status was known.*



## Maternal & Child Health

### Percent\* of Births by Pregnancy Spacing Intervals, 2008-2012

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

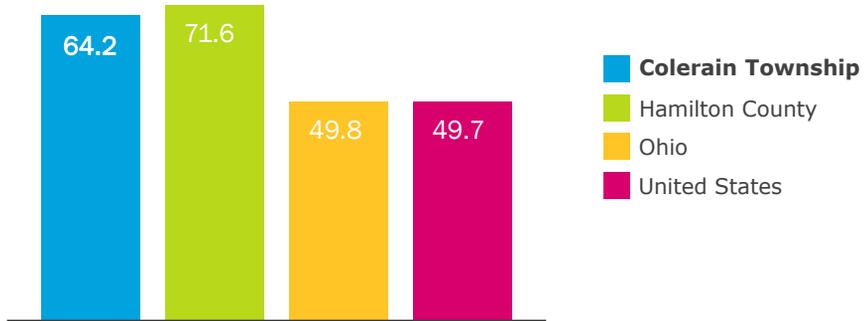


## Infectious Disease

### Vaccine-Preventable Diseases

### Vaccine-Preventable Diseases, 2009-2013

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

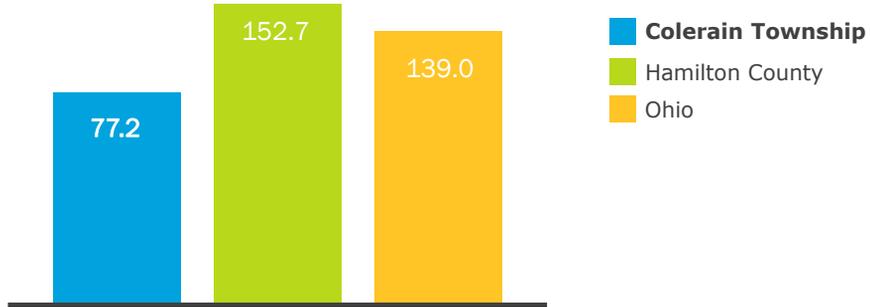


## Infectious Disease

### Hepatitis Diseases

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

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



## Infectious Disease

### Human Immunodeficiency Virus (HIV)

#### HIV, 2009-2013, 2013

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



Colerain Township  
(2009-2013)



Hamilton County  
(2013)



Ohio  
(2013)

♦ Rates are based on less than 20 cases



## Infectious Disease

### Sexually Transmitted Infections (STI)

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

Number of Chlamydia & Gonorrhea cases per 100,000 residents.

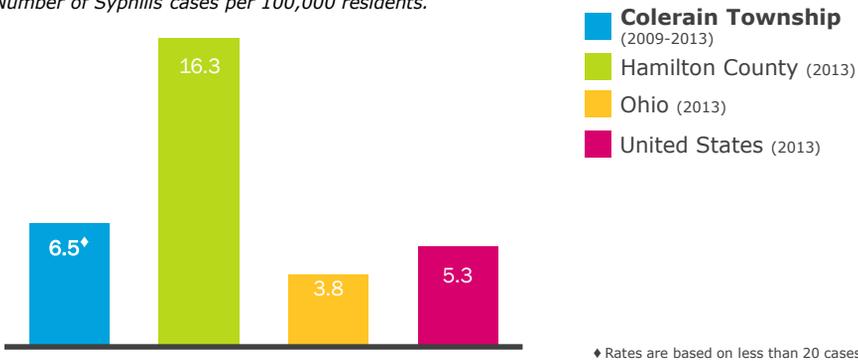


## Infectious Disease

### Sexually Transmitted Infections (STI)

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

Number of Syphilis cases per 100,000 residents.



## Average Life Expectancy

### Average Life Expectancy, 2009-2013, 2010

Average life expectancy is the estimate of number of years an individual would be expected to live, if they were born today, based on mortality statistics.



Colerain Township  
(2009-2013)



Hamilton County  
(2010)



United States  
(2010)

