

**King's Daughters Medical Center Ohio  
Community Health Needs Assessment**

**Reviewed and approved: July 26, 2016**

## Table of Contents

1.	Executive Summary	3
2.	Facility Description	4
3.	Description of Community Served by KDOH	5
4.	Process and Methodology	6
5.	Primary Data Collection	7
6.	Secondary Data Collection	8
7.	Description of Input from Community	10
8.	Information Gaps	11
9.	Health Needs Identified	11
10.	Community Assets Identified	19
11.	Priorities	21
12.	Addendum	
	A. KDOH Leadership Committee	24
	B. CHNA Community Advisory Committee	25
	C. Community Health Questionnaire Report	27
	D. Key Informant Questionnaire Report	34
	E. Focus Group Report	40
	F. Secondary Data Statistical Report	42

## **Executive Summary**

King's Daughters Medical Center Ohio (KDOH) was opened in February 2013, to serve the people of Scioto and surrounding counties in Ohio and Kentucky. Scioto County is the primary market for KDOH. A subsidiary of King's Daughters Health System, KDOH provides surgical care in orthopedics, ear, nose and throat, urology and vascular as well as diagnosis and treatment of digestive diseases/endoscopic procedures.

KDOH used two types of data collection. Primary (qualitative) data was collected using focus groups, data collected from a community health survey by the Portsmouth City and Scioto County Health Departments and a key informant survey conducted by KDOH with community leaders. Secondary (quantitative) data was collected by using Community Commons website's tool to create the community health need assessment.

Primary data indicated the top five health issues facing Scioto County are 1) Drug/alcohol abuse; 2) Obesity; 3) Tobacco/smoking; 4) Economic/poverty; and 5) Cancer. Of these issues, KDOH's leadership team felt the medical center could provide resources and expertise to help impact obesity, heart disease, tobacco/smoking and cancer.

Secondary data collected from local, state and national sources showed that the top issues impacting health are 1) Heart disease; 2) Cancer; 3) Obesity and 4) Diabetes. Of these data indicators, the KDOH leadership team believed they could provide resources and services to impact all of these issues.

KDOH will work in partnership with the Scioto County Health Coalition and its members; other healthcare providers; educational institutions; government agencies and business to help provide services and resources to improve the health of Scioto County.

The final selection of issues to address includes 1) Obesity; 2) Tobacco; 3) Cancer; 4) Heart Disease and 5) Diabetes. Strategies to address these issues will be included in the 2016 Implementation Plan.

### **Facility Description:**

King's Daughters Medical Center Ohio (KDOH) opened February 2013 and serves the people of Scioto and surrounding counties in Ohio and Kentucky. KDOH employs 150 people. Scioto County is the primary market for KDOH. A subsidiary Portsmouth Hospital Corporation and part of King's Daughters Health System. KDOH provides surgical care in orthopedics, ear, nose and throat, urology and vascular as well as diagnosis and treatment of digestive diseases/endoscopic procedures. The medical center is equipped with a specially designed and dedicated urology procedure room. Primary care services are also available to patients at KDOH. Additional services at KDOH include:

- Four operating rooms
- Two endoscope suites
- One cystoscopy suite
- Two cardiac catheterization labs, including a state-of-the-art hybrid lab
- Preadmission testing
- Physician offices
- 25 pre/post operative beds
- 10 inpatient beds, including one ICU suite
- Imaging Center offering MRI, CT, nuclear medicine, and X-ray services
- Mobile mammography
- Full service laboratory
- Pharmacy
- Urgent Care services open 24/7/365
- Cardiac testing including diagnostic cardiac catheterization, stress testing, echocardiogram, EKG, arterial Doppler, venous duplex, ABI and holter monitoring

### **Description of Community Served:**

Scioto County covers more than 610 square miles, with a population density of 125.9 people per square mile. The population is nearly evenly divided between urban and rural, with 54.28% rural and 45.72% urban. The largest city in Scioto County is Portsmouth with a population of 20,226 (US Census 2015). Other notable cities in Scioto County are Wheelersburg, Lucasville, and New Boston.

According to the US Census Bureau 2015 projections, Scioto County has 76,825 people residents. Of the residents, 94.8% are white, 2.8% black, 0.36% Asian, 0.39% Native Hawaiian or Pacific Islander, 1.2% Hispanic/Latino, and 1.61% declaring multiple races. Fifty-two percent of the population is male and 48% female.

There are 10 school districts serving the county's children. According to the US Department of Education, 12,149 students were enrolled in Scioto County schools during the 2013-14 school year. Of these students, 73.15% qualified for the free and reduced meals program. (National Center for Education Statistics 2013-14) The high school graduation rate for Scioto County students graduating in four years is 94.2%. Seventeen and three quarters of residents over the age of 24 have not graduated high school, compared to 11.18% in Ohio and 13.67% nationally. Nearly 23% of Scioto County residents have obtained an associate or higher degree, significantly below Ohio-33.7%, and the United States-37.2%.

According to the US Census Bureau, there are 29,558 households in Scioto County. Of these, 35% are families with children under 18 years of age. Of the population, 22.27% are age 0-4; 16.67% age 5-17; 12.6% age 18-24; 12.6% age 25-34; 12.58% age 35-44; 13.69% age 55-64 and 15.95% over the age of 65. The median age in the county is 39.4 years, with the median for males 39.4 and females 41.2 years. More than 21% of the population reports having some type of disability. In addition, veterans account for approximately 10% of the population over age 18.

More than 30% of Scioto County households earn \$75,000 or more. The median income for the county is \$51,591, which is well below the state (\$62,104) and nation (\$65,443). Per-capita income in the county is \$20,045; compared to \$26,520 for Ohio and \$28,554 for the United States. More than 5% of the county's population receives

public assistance income, not including Social Security Income or noncash benefits such as food stamps, compared to Ohio-3.33% and the US-2.82%. Using the GINI coefficient index, Scioto County is in line with the state and nation for income inequality (0.47, 0.46 and 0.48 respectively). More than 25% of Scioto County households receive Supplemental Nutrition Assistance Program (SNAP) benefits, compared to Ohio-14.95% and the United States-12.98%. SNAP benefits help feed nearly 27% of people living in Scioto County. There has been a significant increase in SNAP beneficiaries from 2005-20.49% to 2013-26.93%.

The US Census Bureau 2010-14 data shows that 85.7% of Scioto County residents have some form of health insurance, with 32.12% being enrolled to receive Medicaid benefits. The US Census, Small Area Health Insurance Estimates for 2013 shows that 17.86% of the county residents uninsured, compared to 15.93% in Ohio and 20.44% nationwide. More men (15.98%) than women (12.64%) are uninsured. In a January 2016 Portsmouth Daily Times article, Trey Daly, director, Enroll Ohio, stated that 6,232 Scioto County residents had enrolled in expanded Medicaid through November 2015. There were and estimated 11,191 uninsured in Scioto County prior to 2014 and that there had been a drop of 63% on the two years since implementation of the Affordable Care Act.

### **Description of Process and Methods Used**

KDOH used the following steps in collecting and analyzing data for the purpose of the CHNA.

1. Collection and analysis of quantitative (secondary) data collected from county, state and federal data sources
2. Collected and analyzed qualitative (primary) data from community input gathered through an electronic survey (conducted by the Portsmouth and Scioto County Health Departments), a Key Informant survey, Behavioral Risk Factor Surveillance System data for Scioto County, and the focus group.
3. Combined results from all data collection methods to identify top health issues
4. Identified conditions that are measurable, prevalent, disproportionately impact vulnerable populations, reflect a countywide need and can be addressed by the hospital

5. Identified health drivers by reviewing Healthy People 2020, public health literature and other national CHNA resources to gather best practices and other recommendations to address the identified health needs

### **Primary Data Collection:**

Primary data is collected by the investigator during a study or project. In this CHNA, the information collected through the health department's electronic survey, the community focus group, and the key informant survey is considered primary data.

*Focus Groups:* A focus group was held during July 2016 with community stakeholders. The focus group was held in Portsmouth, the county's largest city. The focus group was a mixture of community leaders and residents from different backgrounds. There were five in attendance, three women and two men. Two individuals had bachelor degrees and the other three had high school diplomas. Three had income under \$25,000 annually, with the other two with incomes above \$50,000. All participants were white. One participant was confined to a wheelchair.

The focus group's questions were designed to produce the necessary content of the CHNA, and the group's facilitator followed a plan that would allow maximum group participation and responses over a variety of issues in about 90 minutes. The facilitator took notes and the session. The focus group participants were asked the following queries:

1. What are the greatest strengths of health and healthcare in Scioto County?
2. What are the greatest weaknesses of health or healthcare in Scioto County?
3. What are the greatest needs for people to be healthy in Scioto County?
4. What are the greatest problems associated with being healthy in Scioto County?
5. How can healthcare better respond to each healthcare need in Scioto County?
6. What top issues should healthcare address in the next three years?

*Questionnaires/Surveys:* Additional primary data was gathered from a questionnaire conducted by the Portsmouth and Scioto County health departments during spring of 2016. The survey was conducted using Survey Monkey and paper copies distributed throughout the community. The survey included 31 questions (Addendum C). The survey asked respondents what they believed were strengths and weaknesses in the community; the most important factors to a healthy community; the biggest problems to

a healthy Scioto County; and the biggest health issues and behaviors that have negative impact on the health of the community. In addition, the survey gathered data on the respondents regarding their personal health, seeking healthcare, preventive care, dental care, access to care issues, insurance status, personal health behaviors that impact health and demographic and socio-economic information. The survey was only open to residents of Scioto County and was limited to such by stopping the survey after the first question if the respondent did not check being a Scioto County resident. There were 305 surveys completed.

A Key Informant Survey was conducted with members of the Scioto County Health Coalition during May 2016. This survey garnered input from many key informants in the county since the coalition membership includes a vast number of county leaders. There were 25 coalition members completing the survey. In addition, the Key Informant Survey was provided to KDOH staff physicians for their input. There were two physician respondents.

Comparative data was also collected from Centers for Disease Control Behavioral Risk Factor Surveillance System (BRFSS) data from 2006-13. BRFSS data can be used to identify emerging health problems, establish and track health objectives, and develop and evaluate public health policies and programs. KDOH used this as quantitative data to help support the qualitative data secured from the surveys and focus group.

### **Secondary Data Collection:**

Secondary data is information collected by someone other than the user (data that is already available). Secondary data is essential in most studies due to resource constraints and the need to have past information for comparison purposes. In this CHNA, secondary quantitative data was collected through Community Commons and includes the following sources:

- Population Data - U.S. Census Bureau, 2010-15
- Social and Economic Factors – National Center for Education Statistics, NCES Common Core of Data, 2013-14; Feeding America, 2013; US Department of Education, ED Facts, 2013; US Census Bureau, American Community Survey,



2010-14; US Census Bureau, Small Area Health Insurance Estimates, 2013; Centers for Disease Control and Prevention, Behavioral Risk Factors Surveillance System, 2006-12; US Department of Health and Human Services, Health Indicators Warehouse, 2006-12; Centers for Disease Control and Prevention, National Vital Statistics Warehouse, 2006-12; US Department of Labor, Bureau of Labor Statistics, 2016; Federal Bureau of Investigation, FBI Uniform Crime Reports, 2010-12

- Physical Environment – Centers for Disease Control and Prevention (CDC), National Environmental Public Health Tracking Network, 2012; National Oceanic and Atmospheric Administration, North American Land Data Assimilation System, 2014; US Census Bureau, County Business Patterns, 2013; US Department of Agriculture (USDA), Economic Research Service, USDA Food Access Research Atlas, 2010-11; CDC Division of Nutrition, Physical Activity and Obesity, 2011; USDA Food and Nutrition Service, USDA SNAP Retailer Locator, 2015; US Department of Housing and Urban Development, 2015; US Census Bureau, America Community Survey, 2010-14
- Clinical Care – US Department of Health and Human Services, Health Resources and Services Administration Area Health Resource File, 2013; University of Wisconsin Population Health Institute, County Health Rankings; Dartmouth College Institute for Health Policy, Clinical Practice, Dartmouth Atlas of Healthcare, 2014; CDC Behavioral Risk Factors Surveillance System, 2006-12; US Department of Health and Human Services Health Indicators Warehouse and Center for Medicare and Medicaid Services, March 2015; Centers for Medicare and Medicaid Services, 2008-12
- Health Behaviors – Centers for Disease Control (CDC) and Prevention, National Center for Chronic Disease Prevention and Health Promotion, 2012; CDC Behavioral Risk Factor Surveillance System, 2006-12; US Census Bureau, America Community Survey, 2010-14
- Health Outcomes - CDC Behavioral Risk Factor Surveillance System, 2011-12; National Institutes of Health, National Cancer Institute Surveillance, Epidemiology, and End Results Program, 2008-12; Centers for Medicare and Medicaid Services, 2012; CDC, National Center for Chronic disease Prevention and Health Promotion, 2012; CDC National Statistics System, 2006-13; US Department of Transportation, NHTSA Fatality Analysis Reporting System, 2011-13; University of Wisconsin Population Health Institute, County Health Rankings, 2001-10; National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, 2014

The secondary data was collected from Community Commons

(<http://www.communitycommons.org>), which is a website that houses the most recent

statistical data from multiple sources and makes the data available to community organizations for use. The Community Commons site offers a report format to collect the data specific to Community Health Need Assessment requirements. After the report was completed, the data was independently verified as most recent available.

These data are presented as analyzed by the companies or agencies mentioned, or were further analyzed by KDOH and their leadership and/or advisory committees for the purpose of this report.

**Description of how the hospital took into account input from persons who represent the broad interests of the community.**

KDOH conducted a survey of key informants during May 2016. The following questions were included on the questionnaire:

1. What do you believe are the top five issues affecting the health of Scioto County residents?
2. What are the top five barriers/challenges to improving the health of the community in Scioto County?
3. What are the top existing strategies in place to help improve the health of Scioto County residents?
4. What additional strategies are needed to help improve the health of Scioto County residents?
5. What key groups should King's Daughters Ohio partner with to improve the health of Scioto County residents?

Each participant was also asked to identify what group(s) they represented. There were 25 questionnaires completed. The make up of questionnaire respondents included: residents-72%; business-28%; physicians-8%; public health- 44%; Hospital- 40%; government-28%; parks/recreation-4%; parents-52%; senior citizens' programs-8%; underprivileged-4%; industry-4%; not-for-profit organization-44%; volunteers-28%; higher education-20%; elementary/secondary education-16%; pre-school/early childhood education-8%; childcare-4%; and addiction services-4%.

**Information Gaps:**

While information gaps exist in the secondary data section of this report, please note that every effort was made to compensate for these gaps in the community conversations and review of current research. This assessment seeks to address the community's health needs by evaluating the most current data available. However, published data inevitably lags behind due to publication and analysis logistics. For example, 2009-2013 averages were used for mortality rates to give the most recent and accurate data.

**Health Needs Identified:**

The CHNA was conducted in 2016 in collaboration with the hospital's clinical and administrative leadership, representative staff from patient programs and clinical services, community stakeholders, and key leaders in the community. The purpose of this assessment is to identify existing and emerging healthcare needs of the local community so KDOH can develop and support meaningful and effective services for its patients and the community that meet local health needs and further the goals of the State and Federal health care agendas.

The review of secondary data was used to enhance the decision making process. From the priorities identified by each group and review of the secondary data, the leadership team identified commonalities and grouped needs accordingly. At the conclusion of that process, the leadership team identified the top five priorities, which were reviewed and ranked by an interdisciplinary group of hospital leaders. An Implementation Plan was developed to address the prioritized needs.

***Primary Data Source Priorities:***

**Community Survey:** The community survey was conducted through a collaborative effort of the Portsmouth City and Scioto County Health Departments. The survey showed that the top health issues in Scioto County are (received at least three responses and are in rank order based upon responses):

1. Drug/alcohol addiction
2. Obesity

3. Smoking
4. Hepatitis C
5. Heart Disease
6. Cancer
7. Poor diet
8. Lack of jobs
9. Lack of exercise
- 10.No motivation to change
- 11.Lack of education on healthy living
- 12.Diabetes
- 13.Sexually transmitted diseases

**Key Informant Questionnaire:** The Key Informant Questionnaire asked community/county leaders to identify the top health issues facing the county; they barriers to improving the health of the county/community and for existing and needed strategies. There were 25 respondents to the Key Informant Survey, which identified the following top health issues for Scioto County:

1. Drug/alcohol abuse
2. Obesity
3. Smoking/tobacco use
4. Poverty/economy
5. Cancer
6. Lack of exercise
7. Poor diet
8. Heart disease
9. Diabetes
- 10.Education

11. Safe and clean parks
12. Mental health
13. Cost of fruits and vegetables
14. Lung disease

The following barriers to improving the health of the community were identified:

1. Lack of education
2. Lack of jobs
3. Lack of transportation
4. Illegal drug use
5. Lack of leadership/leadership accountability (elected officials)
6. Resources
7. Culture
8. Economics of the region
9. Poverty
10. Access to specialists/healthcare
11. Communication
12. Large county/rural areas
13. Clean and safe parks
14. Lack of insurance/Medicaid/Medicare

**Focus Group:** KDOH scheduled two focus groups to be held in Portsmouth and Wheelersburg. The focus groups were advertised through local newspapers, the Scioto County Health Coalition partners and social media. There were no registrants for the Wheelersburg focus group so it was cancelled. The focus group held was in Portsmouth, Scioto County's largest city. The focus group participants were asked to identify weaknesses, strengths, needs to be healthy, problems preventing people being healthy, how healthcare can respond to the needs and rank the top five to ten major health issues. The top issues identified by the focus group, in rank order, include:

1. Access to care (primary and specialty)
2. Lost years of life
3. Mental health
4. Obesity
5. COPD
6. Heart disease
7. Drug addiction/Hepatitis C
8. Cancer
9. Diabetes

***Secondary Data:***

As secondary data, KDOH looked at death (mortality), health outcomes (morbidity) and health behaviors from various sources. Causes of death and health outcome indicators provide important insights into the health of the population. Health outcomes and death data helps to identify disease prevalence and allows practitioners to better target interventions to help improve community health. The following charts show the indicators in which Scioto County fares worse than Ohio and the nation.

**Causes of Death (Mortality)**

<b>Indicator (age-adjusted rate per 100,000 population)</b>	<b>Scioto County</b>	<b>Ohio</b>	<b>United States</b>
Cancer – all cancers	203.8	184.6	168.9
Males	256.3	233.7	204.0
Females	166.0	157.4	143.9
Heart Disease	273.6	189.6	175.0
Males	335.2	238.6	220.1
Females	222.2	151.9	139.6

<b>Indicator (age-adjusted rate per 100,000 population)</b>	<b>Scioto County</b>	<b>Ohio</b>	<b>United States</b>
Ischemic Heart Disease	196.0	119.8	109.5
Males	244.6	160.9	146.2
Females	156.9	89.0	81.3
Homicide	7	5.4	5.3
Lung Disease (other than cancer)	74.2	50.7	42.2
Motor Vehicle Crashes	15.2	9.4	10.8
Stroke	43.7	41.4	37.0
Drug Overdose	29.4	16.7	

During the 2008-2010 data collection years, there were 11,798 potential years of life lost due to premature death in Scioto county, compared to 7,477 in Ohio and 6,851 in the nation, based on 100,000 population rate. The infant mortality rate for Scioto County also is higher than Ohio and the nation. Scioto County’s rate per 1,000 births is 9.6, compared to 7.7 for Ohio and 6.5 for the United States.

Death records indicate that heart disease; cancer, lung disease (other than cancer) and stroke are the leading causes of death in Scioto County. The cancer death rate in Scioto County is 18% higher than the nation. The rate of heart disease deaths is 36% higher than the nation. More men die from heart disease and cancer than women do. Scioto County’s lung disease (other than cancer) death rate is 43% higher than the United States and the stroke rate is 16% higher.

## Health Outcomes

Indicator	Scioto County	Ohio	United States
Asthma – percent of adults	14%	13.8%	13.4%
Cervical Cancer rate per 100,000 pop.	15.3	7.5	7.7
Colon Cancer rate per 100,000 pop.	46.3	43	41.9
Diabetes – percent of adults	11.8%	10.1%	9.1%
Heart Disease – coronary disease/angina percent of adult population	7.1%	5.1%	4.4%
High Blood Pressure – percent of adults	33.2%	28.8%	28.2%
High Cholesterol – percent of adults	43.5%	38.7%	38.5%
Low birth weight – percent	9%	8.6%	8.2%
Obesity – percent of adults BMI >30	36.2%	30.1%	27.1%
Overweight – percent of adults BMI 25-30	30.3%	35.8%	35.8%
Poor dental health – percent of adults	26.7%	18.7%	15.7%
Poor general health – percent of adults	24.1%	15.3%	15.7%

The leading health issues, based on health outcome data, in Scioto County are high cholesterol, obesity, overweight and high blood pressure. High cholesterol and high



blood pressure are indicative of heart disease and contribute to higher than normal death rates. Overweight and obesity both contribute to heart disease, cancer, diabetes and asthma.

When compared to the nation, Scioto County’s leading negative health outcomes are as follows: high cholesterol is 12% higher; obesity is 26% higher; overweight is 18%; and high blood pressure is 15% higher. Many of these health outcomes can be controlled with preventive measures, especially with improving health lifestyles and early identification of disease.

**Health Behaviors**

<b>Indicator</b>	<b>Scioto County</b>	<b>Ohio</b>	<b>United States</b>
No leisure time physical activity – % adults	28.9%	25.5%	22.6%
Inadequate fruit/vegetable intake - % adults	90.5%	78.5%	75.7%
Tobacco current users - % adults	35%	21.7%	18.1%
Tobacco – current or former user - % adults	53.2%	49.1%	44.2%
Tobacco user quit attempt in past year - %	40.8%	55.5%	60.0%

Health behaviors have a major impact on disease prevalence. When considering the high rates of inactivity, inadequate fruit and vegetable intake and tobacco use, it is easy to understand why heart disease and cancer are leading causes of mortality and high cholesterol, obesity, high blood pressure and overweight are leading causes of morbidity in Scioto County.

Based on review of secondary data, the following health issues were identified:

Leading causes of death in Scioto County:

1. Heart disease
2. Cancer
3. Lung disease (other than cancer)
4. Stroke

Leading health issues based on health outcomes:

1. High cholesterol
2. Obesity
3. High blood pressure
4. Overweight

Health behaviors contributing to poor health:

1. Lack of physical activity
2. Inadequate intake of fruits and vegetables
3. Smoking tobacco

The following chart provides a quick look across all primary data sources. Information is provided in rank order with the number of respondents where appropriate. The chart was used to help determine the priority needs and establish goals and objectives for inclusion in the implementation plan. The yellow highlighted items show the most prevalent issues.

Health Dept. Questionnaire	Focus Group (rank ordered by Focus Group participants)	Key Informant Survey (issues having more than one response in rank order)	Behavioral Risk Factor Surveillance System (rates higher than Ohio and national data)
<p><b>Drug/alcohol abuse (89)</b></p> <p><b>Obesity (37)</b></p> <p><b>Smoking (15)</b></p> <p>Hepatitis C (13)</p> <p><b>Heart Disease (13)</b></p>	<p>Access to care (primary and specialty)</p> <p>Lost years of life</p> <p>Mental health</p> <p><b>Obesity</b></p> <p>COPD</p>	<p><b>Alcohol/Drug abuse (19)</b></p> <p><b>Obesity (15)</b></p> <p><b>Smoking/tobacco use (9)</b></p> <p>Poverty/economy (9)</p> <p><b>Cancer (8)</b></p>	<p><b>Lack of leisure time exercise</b></p> <p><b>Smoking</b></p> <p><b>Lack of adequate intake of fruits and vegetables</b></p>

<b>Cancer (12)</b> <b>Poor Diet (7)</b> Lack of jobs (7) <b>Lack of exercise (7)</b> No motivation to change (4) Lack of education on healthy living (4) <b>Diabetes (4)</b> Sexually transmitted diseases (3)	<b>Heart disease</b> <b>Drug addiction/Hep- C</b> <b>Cancer</b> <b>Diabetes</b>	<b>Lack of physical activity (7)</b> <b>Poor diet (5)</b> <b>Heart disease (5)</b> <b>Diabetes (5)</b> Education (3) Safe & clean parks (3) Mental health (2) Lung disease (2) Cost of fruits and vegetables (2)	
---	--	--	--

The following chart provides a quick look across the secondary data sources. The yellow highlighted items show the most prevalent issues.

Mortality Data (rates higher than Ohio and national data)	Morbidity Data (rate or percentage above Ohio and national data)
<b>Cancer</b> <b>Heart Disease</b> Homicide Ischemic Heart Disease Lung Disease (non cancer) Motor Vehicle Crashes Stroke Infant Mortality	Asthma <b>Cancer Incidence</b> Colon Cancer <b>Diabetes</b> <b>Heart Disease</b> High Blood Pressure High Cholesterol Low Birth Rate <b>Obesity</b>

The data from these charts was used to establish the priorities as noted across all data sources by the highlighted areas.

**Community Assets Identified:**

Both the Key Informant Survey and the Focus Group collected data on what assets or strategies exist in the community that contribute to health. The following were identified:

### Key Informant Survey

The top items getting multiple responses include:

- Health fairs, screenings and health education outreach
- Scioto County Health Coalition
- Healthy Bucks program at the Farmer's Market
- Billboards with health messages
- School outreach programs
- King's Daughters Ohio and Southern Ohio Medical Center outreach
- Southern Ohio Port Authority
- Exercise programs (some free)
- Smoking Cessation support groups

In addition, one response was given for each of the following:

- Measuring outcomes
- Admitting and identifying need
- Coordination between agencies
- Access Scioto County
- Food backpack programs in schools
- Community events (i.e. 5k runs)
- Riverfront Revitalization
- Life Center group activities
- Social media
- Park services
- Community gardens
- Turtle Challenge
- Compass Health

### Focus Group:

- The Connects bike routes
- Strong hospitals
- Scioto County Health Coalition
- Involved leaders – Coalition, non-profits, government, Shawnee State
- Preschool – high school education offering healthy food and physical fitness
- Life Center, gyms and fitness centers in area
- Veterans Affairs clinic
- Scioto County Foundation offering smoking cessation aids

### **Priorities:**

The priority needs developed by KDOH are based on the focus group findings; analysis of quantitative health and social indicators as presented in this community health needs assessment; the resources available within the communities served; and our experience working with KDOH patients and families. KDOH's CHNA is aligned with the efforts of other local agencies and takes into account Healthy People 2020 priorities. The priorities identified by the CHNA and ratified by KDOH's leadership team are:

- Obesity
- Tobacco/Smoking
- Cancer
- Heart Disease
- Diabetes

**Obesity:** The obesity rate in Scioto County is 36.2%, compared to 30.1% for Ohio and 27.1% for the United States. The need to address obesity arose in the Focus Group, Health Department Survey, and the Key Informant Survey. Obesity is a contributing factor to many other health issues including cancer, diabetes, high blood pressure and heart disease, which were identified as health issues in Scioto County. By focusing efforts on obesity, it is possible to also impact these conditions. When considering

obesity, it is important to look at the factors that contribute to people becoming overweight or obese. These include poor diet and lack of exercise.

Centers for Disease Control Behavioral Risk Factor Surveillance System data shows that many adults in Scioto County have no leisure time activity with 28.9% reporting as such, compared to 25.5% for Ohio and 22.69% for the nation. Adults in the county also have inadequate fruit and vegetable consumption, with 90.5% in Scioto County reporting inadequate intake compare to 78.5% for Ohio and 75.7% for the United States. In addition, lack of physical activity/exercise and poor diet were cited as issues in results from the Health Department Survey, Key Informant Survey and the Focus Group.

**Tobacco:** Tobacco use, especially smoking, leads to a number of chronic illnesses including cancer, heart disease, stroke, asthma, emphysema and COPD. Thirty-five percent of adults in Scioto County report being current smokers. This is compared to 21.7% in Ohio and 18.1% nation-wide. In addition, 53.2% of adults report being either a current or former smokers, compared to 49.1% in Ohio and 44.2% nationally. Fewer smokers in Scioto County are attempting to quit smoking, with 40.8% reporting quit attempts during the past year, compared to 55.45% in Ohio and 60% nationally. Mortality in Scioto County is high for diseases related to tobacco use, including cancer, heart disease, stroke and non-cancer lung disease. Smoking also was in the top three issues identified through the Health Department Survey and Key Informant Survey.

**Cancer:** Cancer is the second leading cause of death in Scioto County, with higher than Ohio and nation death rates (Scioto County-203.8; Ohio-184.6; US-168.9). Both surveys and the focus group cited cancer as an important health issue. When looking at health outcome (morbidity) data, Scioto County residents have higher incidence of colon (rate 46.3) and cervical cancer (rate15.3) compared to Ohio and the United States. Breast and prostate cancer rates in Scioto County are slightly lower than the state and nation. Higher cancer rates can be tied to unhealthy behaviors like tobacco use, poor diet and lack of physical activity.

**Heart Disease:** Heart disease is the leading cause of death in Scioto County. The county rate for death from heart disease is 273.6, compared to Ohio-189.6 and Untied States-175. Men fare far worse than women do, with the mortality rate for men at 335.2 compared to women's rate 222.2. Contributing factors can be found in health outcomes, which show higher than state and national rates for both high blood pressure and high cholesterol in Scioto County. The surveys and focus group participants also cited heart disease as a major health issue for Scioto County. Behavioral factors also increase an individual's risk for heart disease, including an unhealthy diet, lack of exercise and tobacco use. Obesity also is an issue that increases an individual's risk for heart disease.

**Diabetes:** Diabetes in Scioto County is a concern for leaders and community members. Outcomes data shows that 11.8% of adults have been diagnosed with diabetes, compared to 10.1% in Ohio and 9.1% for the nation. The health department survey, focus group, and key informant survey all cited diabetes as a concern for Scioto County. Diabetes is know to contribute to many other life threatening conditions like cardiovascular disease and never damage. Many diabetics lose limbs or go blind due to the disease having a huge impact on quality of life.

## **Addendum A**

King's Daughters Medical Center Ohio

CHNA Leadership Committee

Kim Grooms, Hospital Administrator

Bob Entler, Materials Management Clinical Supervisor

Carrie Bennett, Executive Assistant, HR

Doug Pelphrey, Facilities Supervisor

James Neal, Urgent Care Supervisor

Josh Childers, Life Safety and Security Supervisor

Julie Valandingham, Case Manager

Katy Entler, Infection Control

Kerry Tague, Director Human Resources, Community and Physician Relations

Kevin Marshall, Chief Nursing Officer and Director Patient Safety

Kyle Whisman, Surgical Services Manager

Lisa Reynolds, Patient Access Director

Lynn Wilson, Lab Supervisor

Meagan McGlone, Urgent Care Clinical Coordinator



## **Addendum B**

King's Daughters Medical Center Ohio  
CHNA Advisory Committee

Scioto County Health Coalition Board of Directors

Ed Hughes - Chairman  
Compass Community Health, The Counseling Center, 411 Court St., Portsmouth, Ohio  
45662, 740.354.6685

Dr. Aaron Adams, DO - Scioto County Health Commissioner, Vice Chairman  
Scioto County Health Dept., 602 7<sup>th</sup> St., Portsmouth, Ohio 45662, 740.354.3241  
[Aaron.adams@odh.ohio.gov](mailto:Aaron.adams@odh.ohio.gov)

Chris Smith - Portsmouth City Health Commissioner, Secretary/Treasurer  
Portsmouth City Health Dept., 605 Washington St., Portsmouth, Ohio 45662,  
740.353.5133

Jason Kester - Board Member  
Southern Ohio Port Authority, 342 2<sup>nd</sup> St., Portsmouth, Ohio 45662 740.935.2738  
[jkester@sopha.org](mailto:jkester@sopha.org)

Sharon Carver, RN, BSN - Board Member, Faith Based Lead  
740.259.5696, [carvers30@yahoo.com](mailto:carvers30@yahoo.com)

Wendi Waugh - Board Member  
Southern Ohio Medical Center, 1121 Kinney's Lane, Portsmouth, Ohio 45662,  
740.356.7557, [WaughW@SOMC.org](mailto:WaughW@SOMC.org)

Sue Shultz - Board Member  
ADAMHS Board, 919 7<sup>th</sup> St., Portsmouth, Ohio 45662, 740.354.5648

Regina Tipton, MS, Executive Director  
Scioto County Health Coalition, 919 7<sup>th</sup> St., Portsmouth, Ohio, 740.206.7170  
[regina@sciotohealth.com](mailto:regina@sciotohealth.com)

The full membership of the Coalition is made up of members from the following organizations

Southern Ohio Medical Center  
Compass Community Health  
King's Daughters Medical Center Ohio  
Southern Ohio Port Authority  
Scioto County Health Department

Interim Healthcare  
Heartland Nursing Center  
Shawnee State University  
Ohio State University Extension Office  
Village of New Boston

Portsmouth City Health Department  
Area Agency on Aging  
Center for Appalachian Philanthropy  
The Counseling Center  
United Way of Scioto County  
Pike County Community Action  
Scioto County Community Action  
Scioto County Career and Technical  
Center  
Smith's Drugs  
Genesis Respiratory Services  
American Savings Bank  
Tri-State Rehab Services  
Southeast Ohio Educational Services  
Center  
Portsmouth Daily Times  
Help Me Grow Program  
Alcohol Drug & Mental Health Services  
Board  
United Healthcare  
Portsmouth Insurance  
Steven A Hunter Foundation  
Garrett Maloney Foundation  
Portsmouth Metropolitan Housing  
Authority  
Main Street Portsmouth  
Potters House Ministries

Appalachian Regional Commission (ARC)  
American Red Cross  
Portsmouth Public Library  
Portsmouth Insurance  
Shawnee Family Health Centers  
Ohio Department of Health  
Paramount Advantage  
FreeStore Food Bank  
Valley View Health Centers  
Southern Ohio Senior Games  
GraciePlum99  
Portsmouth City Council  
Portsmouth Chamber of Commerce  
University of Kentucky Extension Offices  
Ohio University  
Connex  
SOLACE  
Scioto County Juvenile and Probate  
Court  
Judge Marshall & the Drug Court Team  
Salvation Army  
Chamberlain CPA  
Caresource  
Portsmouth Spartans Kettle Club  
Live Healthy Appalachia  
Martings Foundation  
Fluor BWXT  
Scioto County Commissioners

**Addendum C**

**Portsmouth City Health Department**

**Scioto County Health Department**

**Community Health Needs Assessment Questionnaire Report**

Spring 2016

Data gathered through Survey Monkey

1. Do you live in Scioto County? Yes 305 No 0
2. What makes you proud of your community? The following chart shows the responses garnering two or more responses.

<b>Response and number of respondents</b>	
People/ community-150	Flood wall mural-6
History / traditions-19	SSU-3
Revitalization / Resilience of people-18	Some of the clean parts-2
Location-18	Fire Department-2
Support for recovering addicts-14	Churches-2
Schools-7	

3. What do you think are the three most important factors for a healthy community (i.e. access to a gym, good healthcare, health information, etc.)? Responses with two or more selecting them.

<b>Response and number of respondents</b>	
Access to health care / good health care -77	Clean water-7
Exercise / affordable access to gyms-45	Health insurance-4
Awareness / information-38	Addiction services that are accessible-4
Access to healthy food-19	Good drug treatment facilities / programs-4
Jobs-18	Healthy diet-3

No drugs or dealers-11	Low drug use-3
Sports / recreational activities-10	Faith-3
Safe places to walk / bike-9	Drug prevention-2
Good schools-8	Family oriented activities-2

4. What do you think are the three biggest health problems in our community (cancer, heart disease, obesity, etc.)? Rank order with total responses.

<b>Response and number of respondents</b>	
Drug / Alcohol addiction-89	No motivation to change-4
Obesity-37	Lack of education on healthy living-4
Smoking-15	Diabetes-4
Hep C-13	STD's-3
Heart disease-13	COPD-2
Cancer-12	Welfare-2
Poor diet-7	Stress-2
Lack of jobs-7	Sanitation-2
Lack of exercise-7	

5. What do you think are the top three behaviors (smoking, lack of exercise, poor diet, etc.) that have the most negative impact on the health of our community?

<b>Response and number of respondents</b>	
Poor eating habits-93	No motivation to change-8
Using drugs/alcohol-46	Unemployment-6
Smoking-42	Cost of healthy food-3
Not exercising-42	Stress-3
Lack of education about healthy lifestyle-25	Texting while driving-2
Laziness-9	

6. During the past 30 days, did poor physical or mental health keep you from doing your usual activities, such as self-care, work or recreation? How many days were you limited?

<b>Number of Days</b>	<b>Number of Responses</b>
1	5
2	19
3	10
4	5
5	12
6	3
7	1
10	10
12	13
14	1
15	12

7. When was the last time you had a routine checkup?
- a. Within past year - 222
  - b. Within past 2 years (more than one year but less than 2) - 37
  - c. Within past 3 years (more than two years, but less than three) - 17
  - d. Within the past 5 years (more than 3 years but less than 5 years) - 12
  - e. More than five years - 16
8. Has a doctor, nurse, or other healthcare professional ever told you that (check all that apply)
- a. You had a heart attack - 46
  - b. You have angina or coronary heart disease - 51
  - c. You have asthma - 61
  - d. You have chronic obstructive pulmonary disease - 19
  - e. You have diabetes - 38
  - f. You have high blood pressure - 58

- g. You have high cholesterol - 31
  - h. You have cancer - 48
  - i. You have depression - 76
  - j. None of the above - 59
9. (Females only) How long has it been since you had your last mammogram?
- a. Within past year - 51
  - b. Within past 2 years (more than one year but less than 2) -15
  - c. Within past 3 years (more than two years, but less than three) - 9
  - d. Within the past 5 years (more than 3 years but less than 5 years) - 10
  - e. More than five years - 8
  - f. Not applicable – 4
  - g. Never - 5
10. (Females only) How long has it been since you had a Pap smear?
- a. Within past year -54
  - b. Within past 2 years (more than one year but less than 2) -31
  - c. Within past 3 years (more than two years, but less than three) -15
  - d. Within the past 5 years (more than 3 years but less than 5 years) -6
  - e. More than five years -18
  - f. Not applicable – 3-
11. Have you had a flu shot in the past 12 months? Yes - 141 No -160
12. Have you ever received a pneumonia vaccine? Yes -78 No - 224
13. How long has it been since you last visited a dentist or a dental clinic?
- a. Less than a year - 198
  - b. 1-2 years - 42
  - c. 2-5 years - 46
  - d. More than 5 years - 46
  - e. Never
14. How many of your temporary “baby” teeth were removed because of tooth decay or gum disease?
- a. 1-5 - 33
  - b. 6 or more - 3
  - c. All - 13
  - d. None - 246

15. How many of your permanent teeth have been removed because of tooth decay or gum disease?
- a. 1-5 - 71
  - b. 6 or more - 28
  - c. All - 17
  - d. None - 180
16. Do you have any kind of healthcare coverage, including health insurance, prepaid plans, such as HMOs; government plans such as Medicaid or Medicare? Yes - 144 No - 10
17. Do you have someone you think of as your personal doctor or healthcare provider?  
Yes - 249 No - 54
18. Was there a time in the past 12 months when you needed to see a doctor but could not because of (check all that apply)?
- a. Cost - 58
  - b. Transportation - 24
  - c. Employer does not provide sick leave - 11
  - d. Lack of childcare - 5
  - e. Not applicable - 143
  - f. Other (please specify)
19. Do you currently have any health insurance coverage that pays for at least part of your dental care? Yes - 275 No - 34
20. Do you smoke cigarettes? Yes – 71 No - 232
21. During the past 12 months, have you tried to quit smoking? Yes - 19 No - 52 NA - 232
22. Do you currently use chewing tobacco or snuff? Yes - 17 No - 285
23. During the past 30 days, how many days did you have at least one drink of any alcoholic beverage, such as beer, wine, a malt beverage, or liquor?
- a. 1-5 days - 95
  - b. 5-10 days - 29
  - c. More than 10 days - 20
  - d. None - 159
24. During the past 30 days, what is the highest number of drinks you had on any occasion?
- a. None – 136
  - b. 1-3 - 90
  - c. 4-6 - 27
  - d. 7-10 - 13

- e. 11-15 - 10
  - f. More than 15 - 3
25. Do you eat 5 or more servings of fruits and vegetables per day on most days? Yes -93  
No - 211
26. On average, how many days per week did you participate in any physical activities or exercise such as running, calisthenics, golf, gardening, or walking for exercise?
- a. None – 54
  - b. One – 40
  - c. 2-3 - 89
  - d. 4-5 - 72
  - e. 6-7 - 40
27. Please check the age group you represent.
- a. 25 years or less - 42
  - b. 26-39 years old - 100
  - c. 40-54 years old - 91
  - d. 55-64 years old - 52
  - e. Over 65 years old - 19
28. Please check the education level you represent.
- a. Less than 12<sup>th</sup> grade (no diploma or GED) - 31
  - b. High school diploma or GED - 85
  - c. Associate degree - 58
  - d. Bachelor degree - 67
  - e. Higher - 62
29. Please check the income bracket you represent.
- a. Less than \$20,000 per year - 77
  - b. \$20,000-\$29,000 per year - 32
  - c. \$30,000-\$49,000 per year - 62
  - d. Over \$50,000 per year - 103
  - e. Prefer not to respond - 31
30. Where do you get health information (check all that apply)?
- a. Doctor or healthcare professional - 129
  - b. TV or radio - 39
  - c. Newspaper - 28
  - d. Magazine - 41



e. Online - 121

f. Other (please specify)

31. What is your zip code?

45663	33
45648	31
45652	18
45657	4
45694	31
45629	11
45682	3
45661	1
45653	11
45683	1
45671	1
45662	152

## Addendum D

### King's Daughters Medical Center Ohio

#### Key Informant Questionnaire

May 2016

As leaders in the community, your input is needed to help identify important issues in our community. Your time completing this questionnaire is greatly appreciated. Please complete both pages.

1. What do you believe are the top five issues affecting the health of Scioto County residents?

<b>Issue</b>	<b>Reponses</b>
Drugs/opiates	19
Obesity	15
Smoking or tobacco use	9
Economy or poverty	9
Cancer	8
Lack of fitness or exercise	7
Diet or lack of access to healthy food	5
Heart Disease	5
Diabetes	5
Education	3
Safe and clean parks	3
Mental Health	2
Cost of fruits and vegetables	2
Alcohol abuse	2
Nutrition	2

2. What are the top five barriers/challenges to improving the health of the community in Scioto County?

<b>Issue</b>	<b>Reponses</b>
Lack of education	9
Jobs/unemployment	8
Lack of transportation	7
High illegal drug use	6
Lack of leadership (elected)/lack of leadership accountability	5
Resources	5
Appalachian culture/culture	4
Economics	4
Poverty	4
Access to specialists/healthcare	3
Communication	2
Large county/rural areas	2
Clean and safe parks	2
Lack of insurance, Medicare/Medicaid	2

3. What are the top existing strategies in place to help improve the health of Scioto County residents?

<b>Issue</b>	<b>Reponses</b>
Health Fairs/screenings/health education outreach	17
Health Coalition	10
Healthy Bucks at the Farmers Mkt/Farmers Market	7
KDMC/SOMC outreach	5

Access to healthcare	5
Southern Ohio Port Authority	3
Counseling Ctr or drug treatment facilities	3
Compass Health	3
Volunteers	3
School outreach	2
Exercise program	2
Billboards	2
Health departments	2
Smoking Cessation	2
Homeless shelter	2
Exchange program	2
Prescription delivery	2

4. What additional strategies are needed to help improve the health of Scioto County residents?

Preventive health education/health ed./more education outreach	5
Coordinated funding and strategies	4
More effective addiction treatment	4
Jobs	3
Communication	3
Volunteers	3
Community health implementation plan	2
Outreach to rural/outlying areas	2

Outreach/mobile units in poor neighborhoods	2
Lifestyle changes-diet and physical activity	2
More education	2
School programs that include the family – parents	2
Youth education and programs	2
Healthy lifestyle education	2

5. What key groups should King's Daughters Ohio partner with to improve the health of Scioto County residents?

<b>Organization or area</b>	<b>Reponses</b>
Schools	12
SCHC	12
PCHD	5
SOPA	5
SCHD	4
SOMC	4
SSU	3
4-H groups	3
Local farmers	3
Grocers	3
Small business	3
City government	3
Public Health	2
Other healthcare providers	2

Counseling Center	2
Youth leagues	2
Employers - Employees - business	2
Compass	2
Law enforcement	1
Local gyms	1
Senior Centers	1
Government assistance programs	1
Community Action	1
Lawmakers	1
Food programs	1
Home Health	1
Portsmouth Annex	1
Churches	1
Community Education	1
MSP	1
Parks	1
Parents	1
Retirees	1
Main Street	1
Connex	1

Which of the following group(s) do you represent (check all that apply):

<b>Group representation</b>	<b>Number</b>	<b>% of total</b>
Residents	18	72%
Business	7	28%
Public Health	11	44%
Hospital	10	40%
Physicians	2	8%
Government	7	28%
Parks/recreation	1	4%
Parents	13	52%
Senior Center programs	2	8%
Underprivileged	1	4%
Industry	1	4%
Not-for-Profits	11	44%
Volunteer	7	28%
Higher Education	5	20%
Elementary/Secondary Ed.	4	16%
Preschool/early childhood ed.	2	8%
Childcare	1	4%
Addiction services	1	4%

## **Addendum E**

### Focus Group Report

The focus group met at KDOH, Portsmouth. The focus group demographics included:

**Age:** 30-39 years – 1; 40-49 years-1; 50-64 years-2; over 65 years-1

**Gender:** Male-2; Female-3

**Ethnicity:** White-5

**Income level:** Under \$25,000-3; \$25,001-\$49,999-1; \$50,000-\$74,999-1

**Education Attainment:** High school-3; Bachelor Degree-2

The discussion results are as follows:

What are the greatest strengths of health and healthcare in Scioto County?

- The Connects bike routes
- Strong hospitals
- Scioto County Health Coalition
- Involved leaders – Coalition, non-profits, government, Shawnee State
- Preschool – high school education offering healthy food and physical fitness
- Life Center, gyms and fitness centers in area
- Veterans Affairs clinic
- Scioto County Foundation offering smoking cessation aids

What are the greatest weaknesses of health or healthcare in Scioto County?

- Economics – poverty limits healthy eating
- Cost of gym memberships
- Lack of motivation
- Culture – cyclical- generational – multi-generation habits
- Accessing healthcare begins in the emergency room
- Lack of dentist – most do not accept Medicaid
- Lack of family doctors, pediatricians
- Lack of some specialists
- Lack of specialists accepting Medicaid
- Lack of safe parks or access to safe parks
- Junk food diet
- Smoking cessation classes not at convenient times
- Mental health services lacking
- Two super fund sites in the county
- Air quality poor
- Family doctors do not round in the hospital on inpatients (left to hospitalists)



What are the greatest needs for people to be healthy in Scioto County?

- Access to care
- Smoking cessation classes
- A greater number of healthcare providers – family practice, specialists and psychiatric
- Access to healthy foods
- Physical activity
- Affordable care for services like physical therapy, occupational therapy
- Insurance to cover healthcare needs
- Annual checkup
- Transportation

What are the greatest problems associated with being healthy in Scioto County?

- Cancer
- Heart disease
- Diabetes
- Access to care
- Lost years of life
- COPD
- Drug addiction
- Hepatitis C
- Mental health (including depression)
- Obesity

How can healthcare better respond to each healthcare need in Scioto County?

- Physician recruitment – mental health, endocrinology, rheumatology, neurology, orthopedics, pediatrics
- Recruit physicians that will accept Medicaid
- Greater collaboration between hospitals
- Better health education by providers
- Outreach programs

What top issues should healthcare address in the next three years? (in rank order)

1. Access to care (primary and specialty)
2. Lost years of life
3. Mental health
4. Obesity
5. COPD
6. Heart disease
7. Drug addiction/Hepatitis C
8. Cancer
9. Diabetes

## Addendum F

Statistical Data Report  
Report generated through Community Commons, April 22, 2016

# Community Health Needs Assessment (CHNA)

## Total Population Health Indicators Report

### Report Area

Scioto County, OH

### Demographics

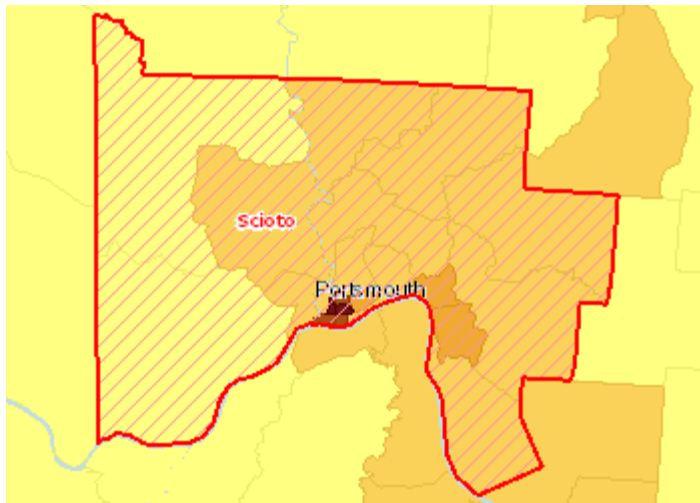
Current population demographics and changes in demographic composition over time play a determining role in the types of health and social services needed by communities.

### Total Population

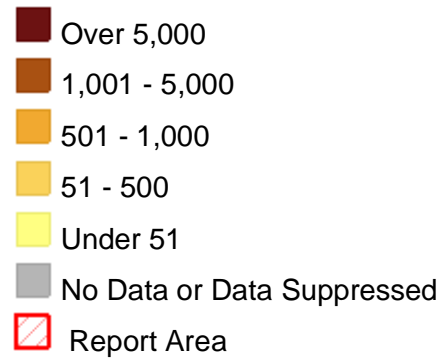
A total of 76,825 people live in the 610.22 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2010-15 6-year estimates. The population density for this area, estimated at 125.89 persons per square mile, is greater than the national average population density of 88.93 persons per square mile.

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Scioto County, OH	76,825	610.22	125.89
Ohio	11,613,423	40,861.68	284.21
United States	321,418,820	3,531,932.26	91.0

*Data Source: US Census Bureau 2015 estimate, American Community Survey. 2010-15. Source geography: Tract*



**Population, Density (Persons per Sq Mile) by Tract, ACS 2010-14**



### **Total Population by Gender**

Report Area	Male	Female	Percent Male	Percent Female
Scioto County, OH	38,934	39,586	49.58%	50.42%
Ohio	5,651,577	5,908,803	48.89%	51.11%
United States	154,515,152	159,591,920	49.19%	50.81%

### **Total Population by Age Groups, Percent**

Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65
Scioto County, OH	5.59%	16.67%	9.63%	12.6%	12.58%	13.69%	13.29%	15.94%
Ohio	6.06%	17.07%	9.56%	12.46%	12.43%	14.45%	13.23%	14.75%
United States	6.36%	17.13%	9.96%	13.47%	12.96%	14.09%	12.29%	13.75%

### Total Population by Race Alone, Percent

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Scioto County, OH	94.43%	2.81%	0.35%	0.39%	0%	0.37%	1.64%
Ohio	82.6%	12.18%	1.81%	0.18%	0.03%	0.84%	2.37%
United States	73.81%	12.6%	5%	0.82%	0.17%	4.7%	2.91%

### Total Population by Ethnicity Alone

Report Area	Total Population	Hispanic or Latino Population	Percent Population Hispanic or Latino	Non-Hispanic Population	Percent Population Non-Hispanic
Scioto County, OH	76,825	924	1.20%	75,901	98.8%
Ohio	11,613,423	379,542	3.27%	11,233,881	96.73%
United States	321,418,820	53,070,096	16.5%	268,348,724	83.5%

### Non-Hispanic Population by Race Alone, Percent

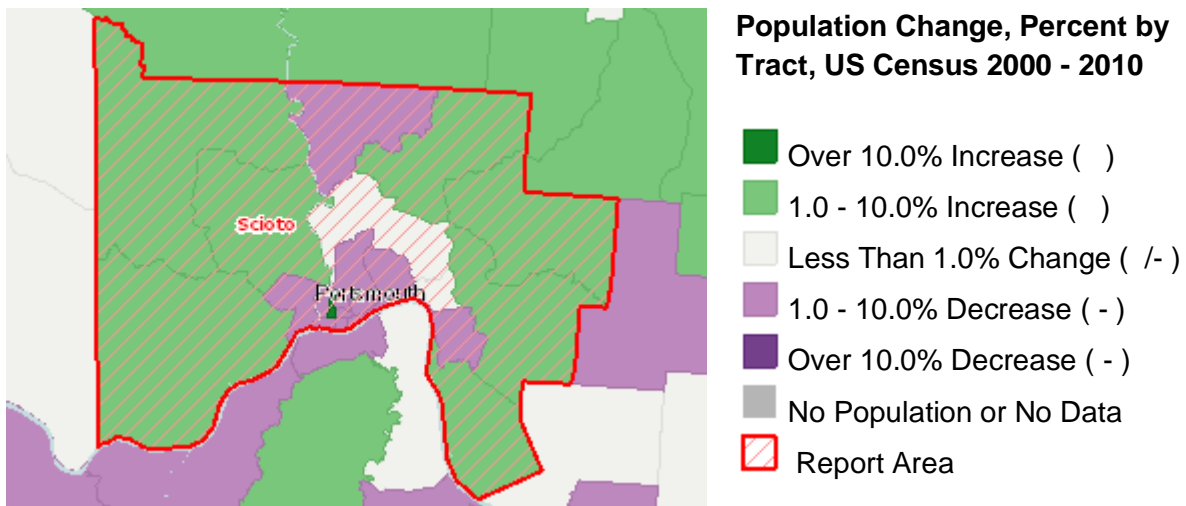
Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Scioto County, OH	94.81%	2.8%	0.36%	0.39%	0%	0.04%	1.61%
Ohio	83.28%	12.42%	1.85%	0.15%	0.02%	0.13%	2.14%
United States	75.53%	14.73%	5.95%	0.8%	0.19%	0.23%	2.56%

## Change in Total Population

According to the United States Census Bureau Decennial Census, between 2000 and 2010 the population in the report area grew by 304 persons, a change of 0.38%. A significant positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Total Population Change, 2000-2010	Percent Population Change, 2000-2010
Scioto County, OH	79,195	79,499	304	0.38%
Ohio	11,353,110	11,536,504	183,394	1.62%
United States	280,405,781	307,745,539	27,339,758	9.75%

Data Source: US Census Bureau, Decennial Census. 2000 - 2010. Source geography: Tract

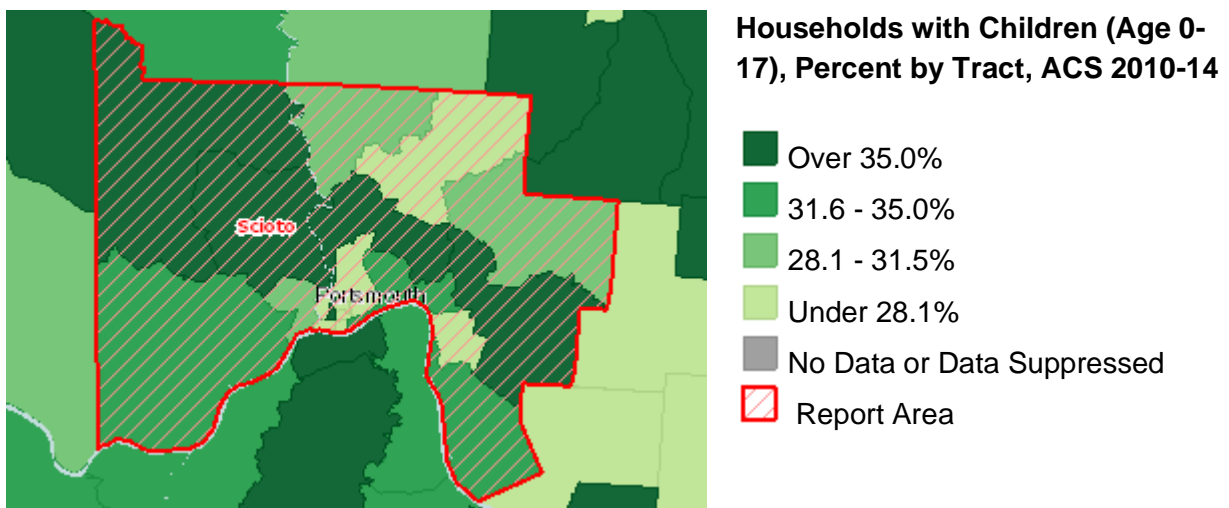


## Families with Children

According to the most recent the American Community Survey estimates, 30.28% of all occupied households in the report area are family households with one or more child(ren) under the age of 18. As defined by the US Census Bureau, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. A non-family household is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

Report Area	Total Households	Total Family Households	Families with Children (Under Age 18)	Families with Children (Under Age 18), Percent of Total Households
Scioto County, OH	29,558	18,850	8,951	30.28%
Ohio	4,570,015	2,944,097	1,381,801	30.24%
United States	116,211,088	76,958,064	37,554,348	32.32%

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract

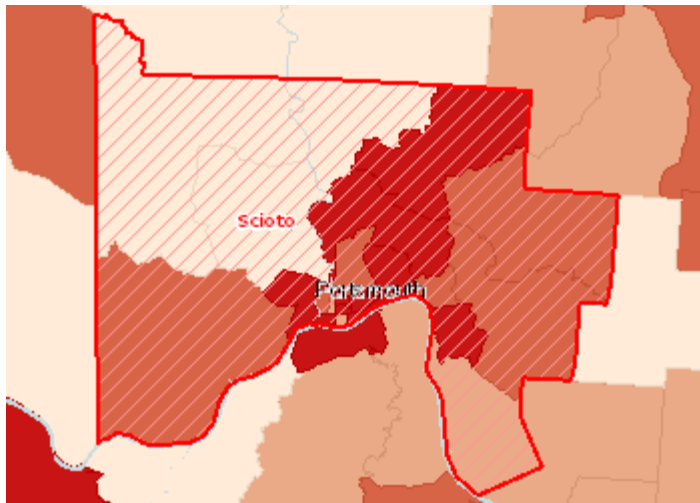


## Female Population

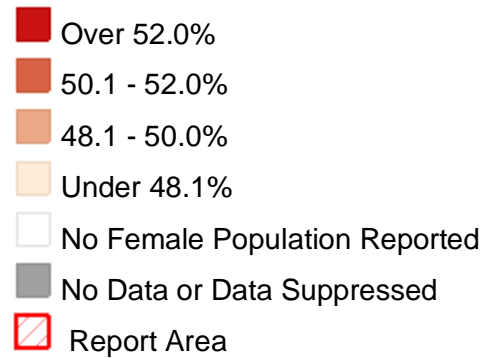
A total of 38,735 females resided in the report area according to the U.S. Census Bureau American Community Survey 2010-15 6-year estimates. Females represented 50.42% of the total population in the area, which was less than the national average of 50.81%.

Report Area	Total Population	Female Population	Percent Female Population
Scioto County, OH	76,825	38,735	50.42%
Ohio	11,613,423	5,935,621	51.11%
United States	321,418,820	163,312,902	50.81%

Data Source: US Census Bureau, American Community Survey. 2010-15. Source geography: Tract



**Female Population, Percent by Tract, ACS 2010-14**

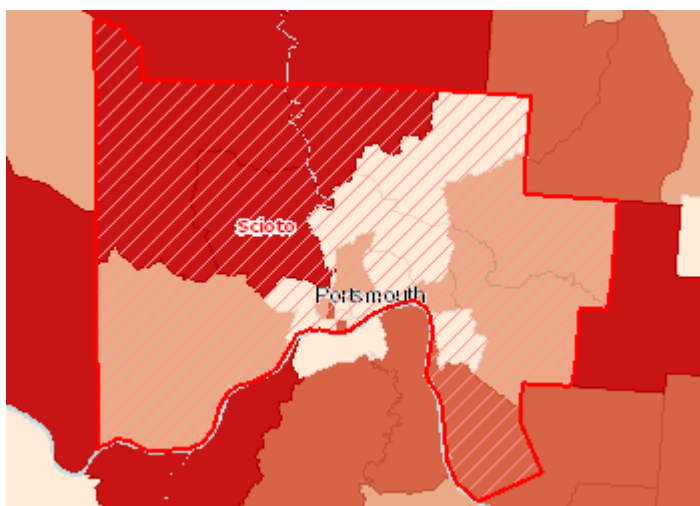


## Male Population

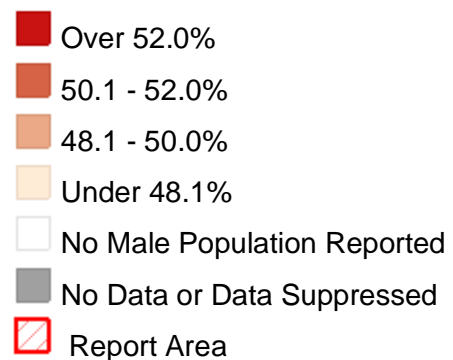
A total of 38,090 males resided in the report area according to the U.S. Census Bureau American Community Survey 2010-15 6-year estimates. Males represented 49.58% of the total population in the area, which was greater than the national average of 49.19%.

Report Area	Total Population	Male Population	Percent Male Population
Scioto County, OH	76,825	38,090	49.58%
Ohio	11,613,423	5,707,137	48.89%
United States	321,418,820	158,105,918	49.19%

Data Source: US Census Bureau, American Community Survey, 2010-15. Source geography: Tract



**Male Population, Percent by Tract, ACS 2010-14**

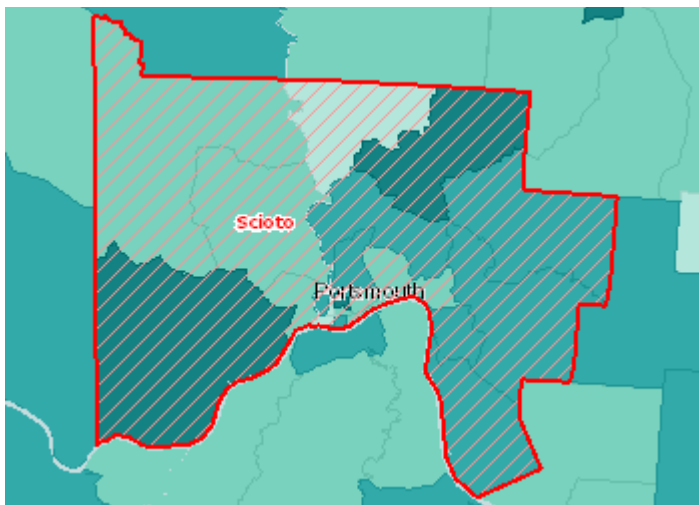


## Median Age

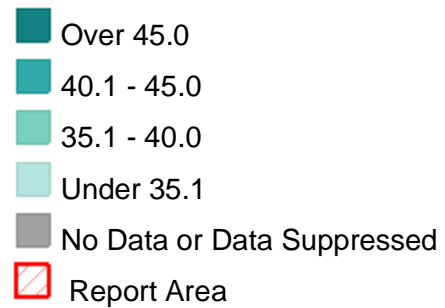
This indicator reports population median age based on the 5-year American Community Survey estimate.

Report Area	Total Population	Median Age
Scioto County, OH	76,825	39.4
Ohio	11,613,423	39.1
United States	321,418,820	37.4

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



Median Age by Tract, ACS 2010-14



## Population Median Age by Gender

Report Area	Male	Female
Scioto County, OH	36.8	41.2
Ohio	37.6	40.5
United States	36.1	38.8



## Population Median Age by Race Alone

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Scioto County, OH	40	30.8	47.3	31.5	no data	25.2	20.4
Ohio	41.1	33	41.2	33	34.3	27.1	16.1
United States	40.1	32.9	31.7	36	29.9	28.2	19.5

## Population Median Age by Ethnicity

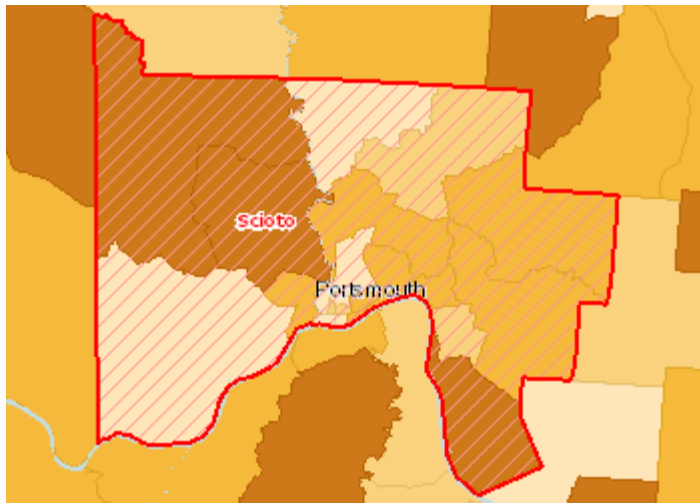
Report Area	Hispanic / Latino	Not Hispanic / Latino
Scioto County, OH	24.4	40.1
Ohio	25.1	41.6
United States	27.9	42.6

## Population Under Age 18

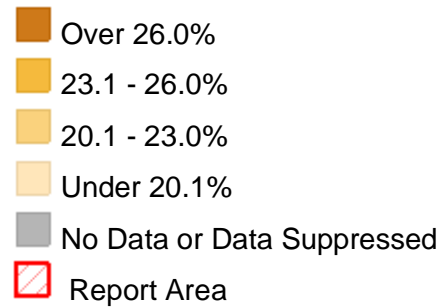
An estimated 22.27% percent of the population in the report area is under the age of 18 according to the U.S. Census Bureau American Community Survey 2010-15 6-year estimates. An estimated total of 17,109 youths resided in the area during this time period. The number of persons under age 18 is relevant because this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 0-17	Percent Population Age 0-17
Scioto County, OH	76,825	17,109	22.27%
Ohio	11,613,423	2,686,185	23.13%
United States	321,418,820	75,501,281	23.49%

Data Source: US Census Bureau, American Community Survey. 2010-15. Source geography: Tract



**Population Age 0-17, Percent by Tract, ACS 2010-14**



### Population Under Age 18 by Race Alone, Percent

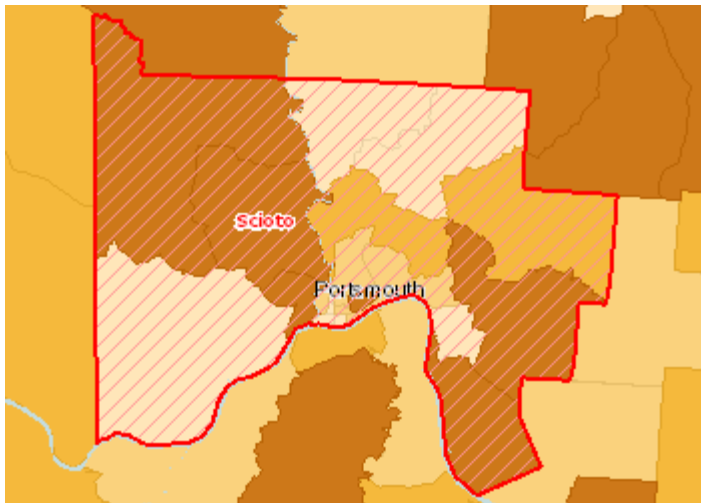
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Scioto County, OH	22.07%	17.47%	9.77%	28.42%	No data	25.43%	42.98%
Ohio	21.52%	27.36%	17.67%	22.79%	26.75%	33.05%	54.44%
United States	21.63%	26.63%	28.31%	21.19%	27.81%	31.3%	46.91%

### Population Age 5-17

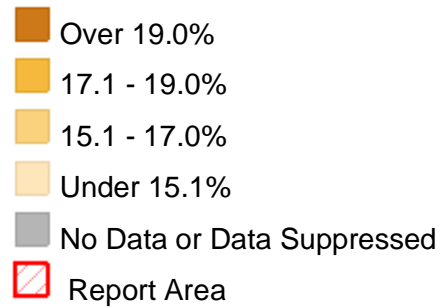
This indicator reports the percentage of youth aged 5-17 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of youth in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 5-17	Percent Population Age 5-17
Scioto County, OH	76,825	12,807	16.67%
Ohio	11,613,423	1,982,411	17.07%
United States	321,418,820	55,059,044	17.13%

Data Source: US Census Bureau, American Community Survey. 2010-15. Source geography: Tract



**Population Age 5-17, Percent by Tract, ACS 2010-15**

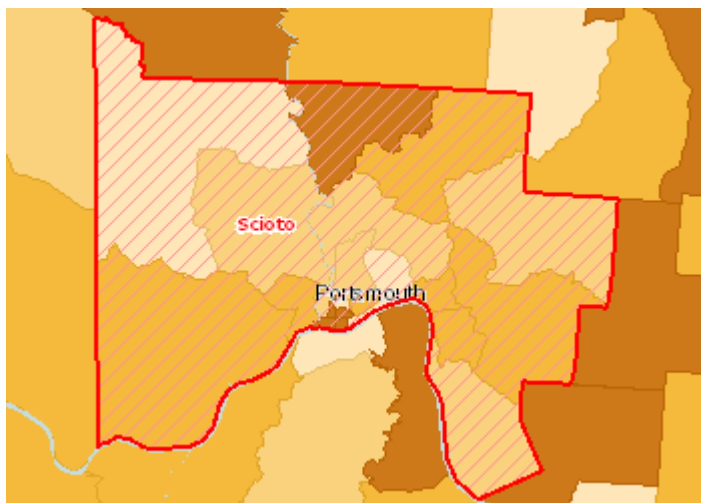


### Population Age 18-64

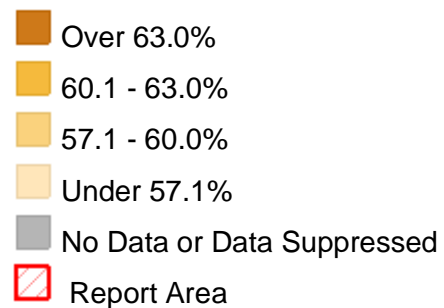
This indicator reports the percentage of population age 18-64 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of adults in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 18-64	Percent Population Age 18-64
Scioto County, OH	76,825	47,470	61.79%
Ohio	11,613,423	7,215,420	62.13%
United States	321,418,820	201,754,593	62.77%

*Data Source: US Census Bureau, American Community Survey, 2010-15. Source geography: Tract*



**Population Age 18-64, Percent by Tract, ACS 2010-15**

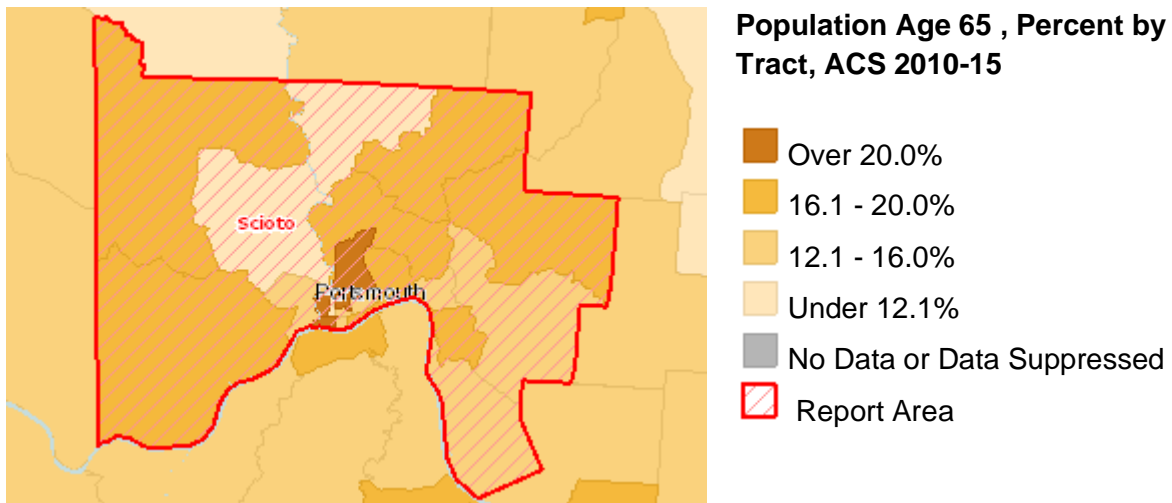


## **Population Age 65+**

An estimated 15.94% percent of the population in the report area is age 65 or older according to the U.S. Census Bureau American Community Survey 2010-15 6-year estimates. An estimated total of 12,245 older adults resided in the area during this time period. The number of persons age 65 or older is relevant because this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 65	Percent Population Age 65
Scioto County, OH	76,825	12,245	15.94%
Ohio	11,613,423	1,712,980	14.75%
United States	321,418,820	44,195,088	13.75%

*Data Source: US Census Bureau, American Community Survey. 2010-15. Source geography: Tract*

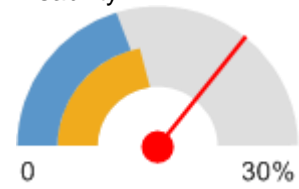


## **Population with Any Disability**

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

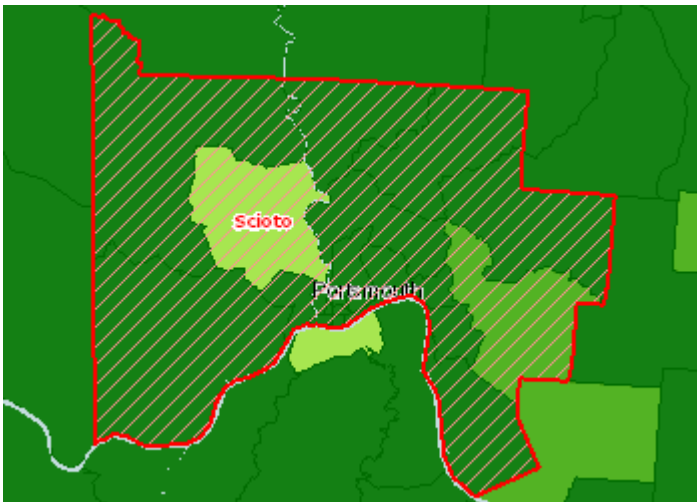
Report Area	Total Population (For Whom Disability Status Is Determined)	Total Population with a Disability	Percent Population with a Disability
Scioto County, OH	76,825	16,479	21.45%
Ohio	11,613,423	1,563,167	13.46%
United States	321,418,820	39,373,805	12.25%

Percent Population with a Disability



- Scioto County, OH (21.45%)
- Ohio (13.46%)
- United States (12.25%)

Data Source: US Census Bureau, American Community Survey. 2010-15. Source geography: Tract



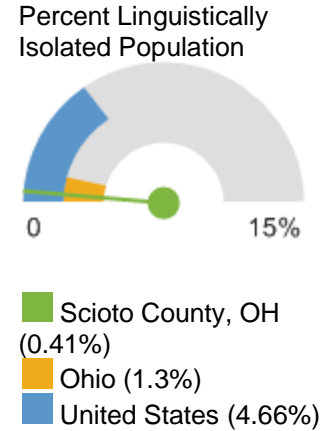
Disabled Population, Percent by Tract, ACS 2010-15

- Over 18.0%
- 15.1 - 18.0%
- 12.1 - 15.0%
- Under 12.1%
- No Data or Data Suppressed
- Report Area

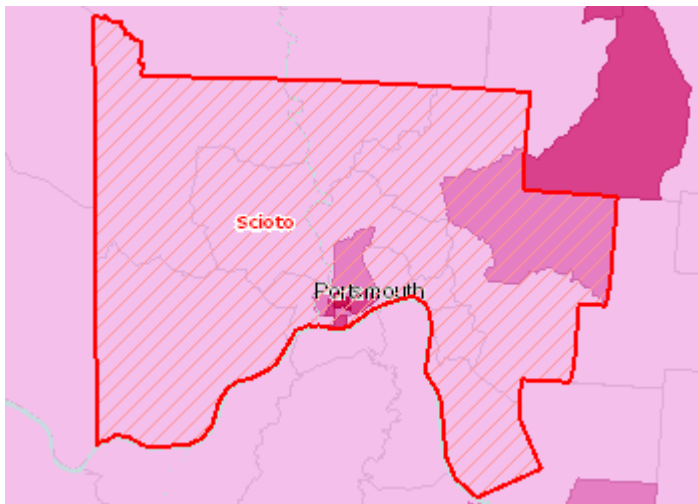
## **Population in Limited English Households**

This indicator reports the percentage of the population aged 5 and older living in Limited English speaking households. A “Limited English speaking household” is one in which no member 14 years old and over (1) speaks only English at home or (2) speaks a language other than English at home and speaks English “Very well.” This indicator is significant as it identifies households and populations that may need English-language assistance.

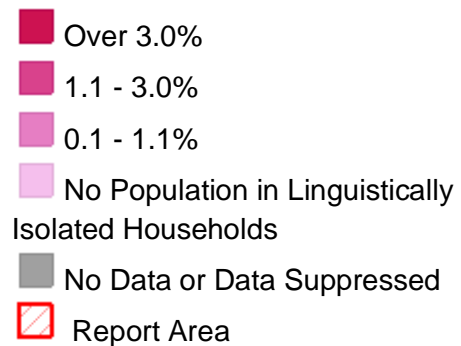
Report Area	Total Population Age 5	Linguistically Isolated Population	Percent Linguistically Isolated Population
Scioto County, OH	76,825	315	0.41%
Ohio	11,613,423	150,974	1.3%
United States	321,418,820	14,978,117	4.66%



Data Source: US Census Bureau, American Community Survey. 2010-15. Source geography: Tract



#### Population in Linguistically Isolated Households, Percent by Tract, ACS 2010-14

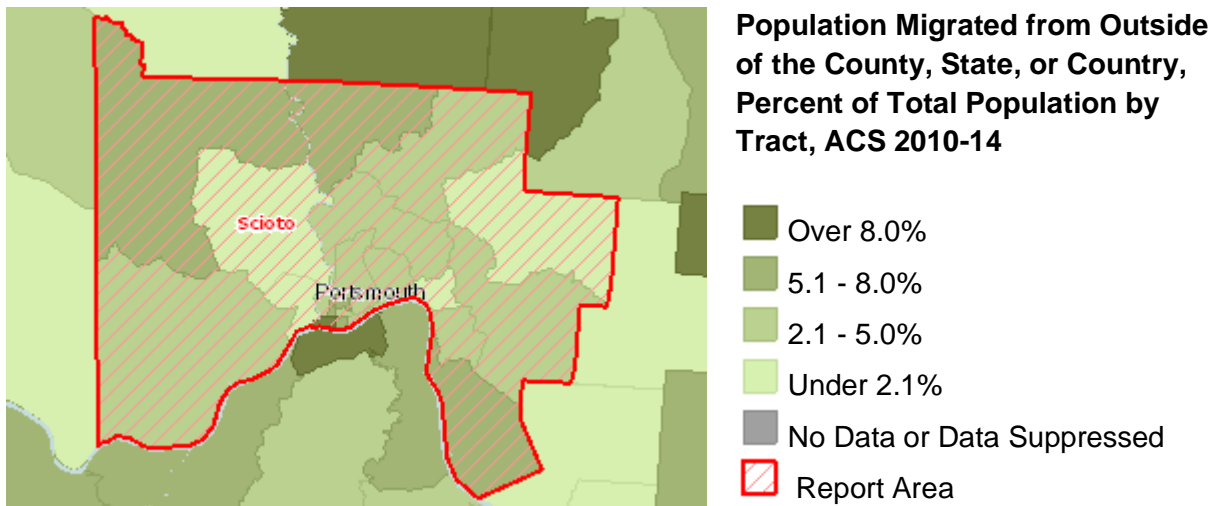


### Population Geographic Mobility

This indicator reports information about population in-migration by assessing changes in residence within a one-year period. Of the 76,825 persons residing in the report area, an estimated 4.49% relocated to the area, according to the latest American Community Survey 6-year estimates. Persons who moved to a new household from outside of their current county of residence, from outside their state of residence, or from abroad are considered part of the in-migrated population. Persons who moved to a new household from a different household within their current county of residence are not included.

Report Area	Total Population	Population In-Migration	Percent Population In-Migration
Scioto County, OH	76,825	3,449	4.49%
Ohio	11,613,423	608,543	5.24%
United States	321,418,820	19,477,981	6.06%

Data Source: US Census Bureau, American Community Survey, 2010-15. Source geography: Tract



### Population In-Migration by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Scioto County, OH	3.97%	14.12%	1.63%	6.47%	No data	11.68%	16.29%
Ohio	5.05%	4.66%	9.2%	12.81%	9.47%	9.19%	7.29%
United States	5.84%	6.35%	6.83%	8.32%	7.68%	5.03%	7.83%

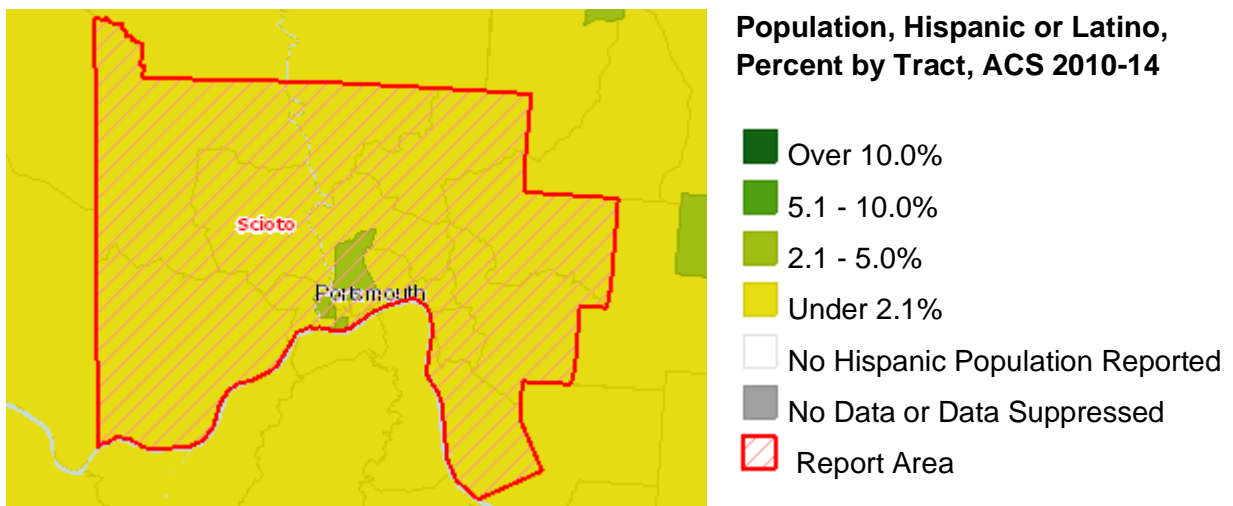
### Hispanic Population

The estimated population that is of Hispanic, Latino, or Spanish origin in the report area is 924. This represents 1.18% of the total report area population, which is less than the national 16.62% rate. Origin can be viewed as the heritage, nationality group, lineage, or country of birth of the

person or the person’s parents or ancestors before their arrival in the United States. People who identify their origin as Hispanic, Latino, or Spanish may be of any race.

Report Area	Total Population	Non-Hispanic Population	Percent Population Non-Hispanic	Hispanic or Latino Population	Percent Population Hispanic or Latino
Scioto County, OH	76,825	75,919	98.82%	906	1.18%
Ohio	11,613,423	11,232,503	96.72%	380,920	3.28%
United States	321,418,820	267,099,039	83.1%	54,319,781	16.9%

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



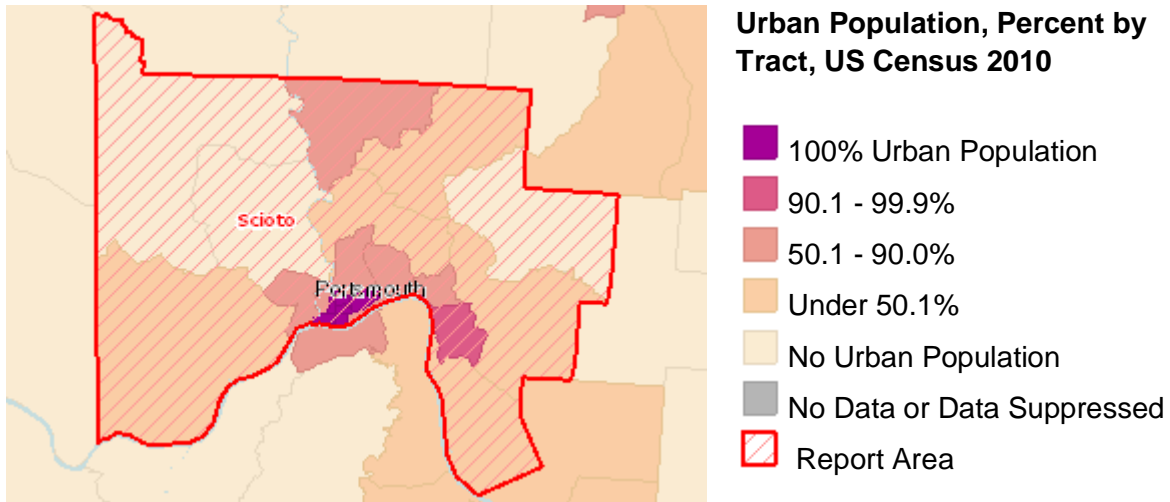
## Urban and Rural Population

This indicator reports the percentage of population living in urban and rural areas. Urban areas are identified using population density, count, and size thresholds. Urban areas also include territory with a high degree of impervious surface (development). Rural areas are all areas that are not urban.



Report Area	Total Population	Urban Population	Rural Population	Percent Urban	Percent Rural
Scioto County, OH	79,499	36,349	43,150	45.72%	54.28%
Ohio	11,536,504	8,989,694	2,546,810	77.92%	22.08%
United States	312,471,327	252,746,527	59,724,800	80.89%	19.11%

Data Source: US Census Bureau, Decennial Census. 2010. Source geography: Tract



### **Rural Population, Percent by Age Group**

Report Area	Population Under Age 18	Population Age 18-64	Population Age 65
Scioto County, OH	56.88%	53.89%	51.99%
Ohio	22.58%	21.75%	22.66%
United States	18.52%	18.69%	22.26%

### **Rural Population, Percent by Race Alone**

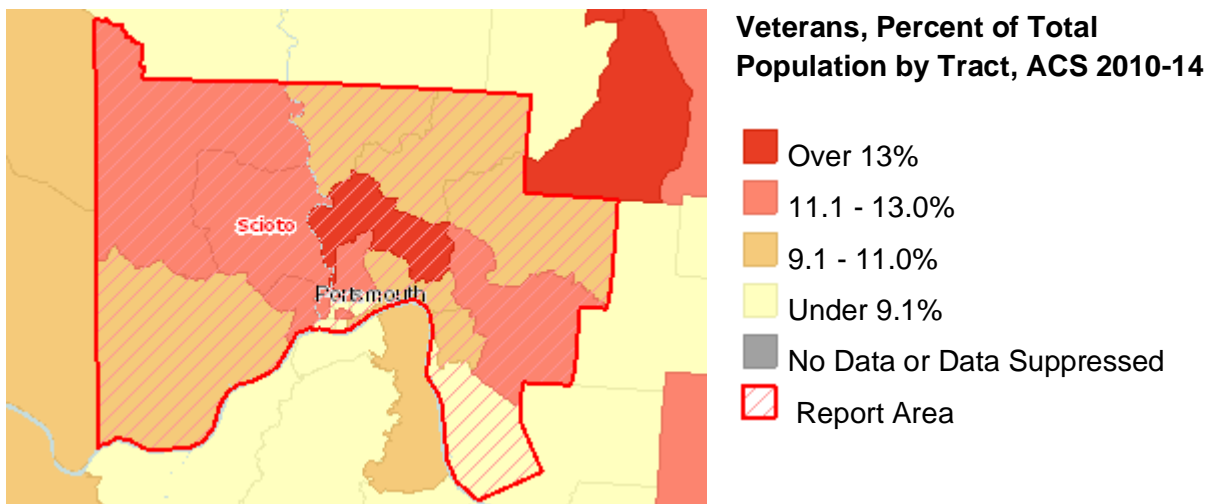
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Scioto County, OH	55.85%	11.41%	63.59%	33.2%	40%	31.32%	40.41%
Ohio	25.91%	1.66%	20.30%	4.53%	11.78%	7.07%	11.80%
United States	23.17%	8.97%	35.33%	2.72%	7.53%	6.41%	11.04%

### **Veteran Population**

This indicator reports the percentage of the population age 18 and older that served (even for a short time), but is not currently serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or that served in the U.S. Merchant Marine during World War II.

Report Area	Total Population Age 18	Total Veterans	Veterans, Percent of Total Population
Scioto County, OH	61,021	6,137	10.06%
Ohio	8,877,924	834,358	9.4%
United States	239,305,216	20,700,712	8.65%

*Data Source: US Census Bureau, American Community Survey, 2010-14. Source geography: Tract*



### **Veteran Population by Gender**

Report Area	Male	Female	Percent Male	Percent Female
Scioto County, OH	5,733	404	19.25%	1.29%
Ohio	783,205	51,153	18.31%	1.11%
United States	19,125,266	1,575,445	16.5%	1.28%

### **Veteran Population by Age Group, Percent**

Report Area	Age 18-34	Age 35-54	Age 55-64	Age 65-74	Age 75
Scioto County, OH	2.65%	7.85%	13.58%	18.78%	23.83%
Ohio	2.09%	6.68%	12.57%	20.13%	25.07%
United States	2.37%	6.04%	11.72%	19.29%	24.5%

## Social Economic Factors

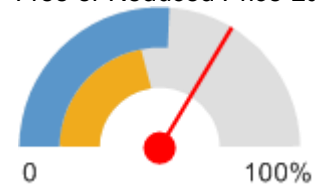
Economic and social insecurity often are associated with poor health. Poverty, unemployment, and lack of educational achievement affect access to care and a community’s ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to social and economic resources provides a foundation for a healthy community.

### Children Eligible for Free/Reduced Price Lunch

Within the report area 8,149 public school students or 67.08% are eligible for Free/Reduced Price lunch out of 12,149 total students enrolled. This indicator is relevant because it assesses vulnerable populations, which are more likely to have multiple health access, health status, and social support needs. Additionally, when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

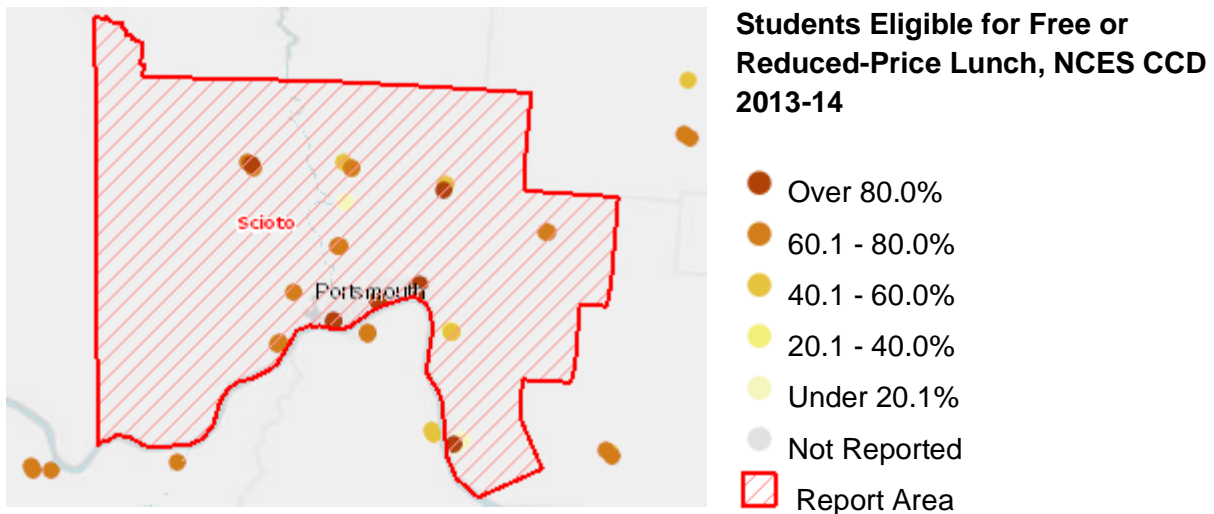
Report Area	Total Students	Number Free/Reduced Price Lunch Eligible	Percent Free/Reduced Price Lunch Eligible
Scioto County, OH	12,149	8,149	73.15%
Ohio	1,722,183	763,448	44.59%
United States	50,195,195	26,012,902	52.35%

Percent Students Eligible for Free or Reduced Price Lunch



- Scioto County, OH (67.08%)
- Ohio (44.59%)
- United States (52.35%)

Data Source: National Center for Education Statistics, NCES - Common Core of Data. 2013-14. Source geography: Address



### **Children Eligible for Free Lunch (Alone) by Year, 2009-10 through 2013-14**

The table below shows local, state, and National trends in student free and reduced lunch eligibility.

*Note: Data for the 2011-12 school year are omitted due to lack of data for some states.*

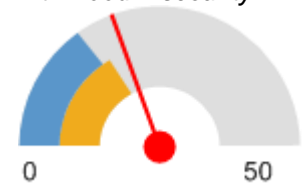
Report Area	2009-10	2010-11	2012-13	2013-14
Scioto County, OH	64.31%	64.87%	69.86%	73.15%
Ohio	44.05%	47.12%	45.94%	49.57%
United States	47.76%	49.24%	51.77%	52.45%

### **Food Insecurity Rate**

*This indicator reports the estimated percentage of the population that experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.*

Report Area	Total Population	Food Insecure Population, Total	Food Insecurity Rate
Scioto County, OH	78,952	15,280	19.35%
Ohio	11,570,808	1,951,880	16.87%
United States	320,750,757	48,770,990	15.21%

Percentage of the Population with Food Insecurity



- Scioto County, OH (19.35)
- Ohio (16.87)
- United States (15.21)

Data Source: Feeding America. 2013. Source geography: County

### **Food Insecurity - Food Insecure Children**

This indicator reports the estimated percentage of the population under age 18 that experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.

Report Area	Population Under Age 18	Food Insecure Children, Total	Child Food Insecurity Rate
Scioto County, OH	17,718	5,440	30.7%
Ohio	2,648,786	653,410	24.67%
United States	73,580,326	17,284,530	23.49%

### **Food Insecurity - Food Insecure Population Ineligible for Assistance**

This indicator reports the estimated percentage of the total population and the population under age 18 that experienced food insecurity at some point during the report year, but are ineligible for State or Federal nutrition assistance. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food. Assistance eligibility is determined based on household income of the food insecure households relative to the maximum income-to-poverty ratio for assistance programs (SNAP, WIC, school meals, CSFP and TEFAP).

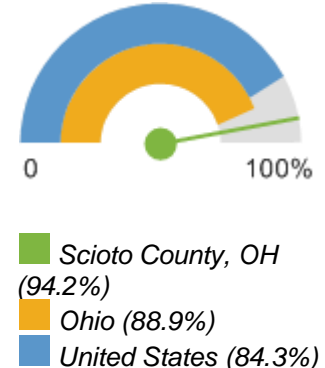
Report Area	Food Insecure Population, Total	Percentage of Food Insecure Population Ineligible for Assistance	Food Insecure Children, Total	Percentage of Food Insecure Children ineligible for Assistance
Scioto County, OH	15,280	20%	5,440	20%
Ohio	1,951,880	33%	653,410	31%
United States	48,770,990	29%	17,284,530	31%

### ***High School Graduation Rate (EdFacts)***

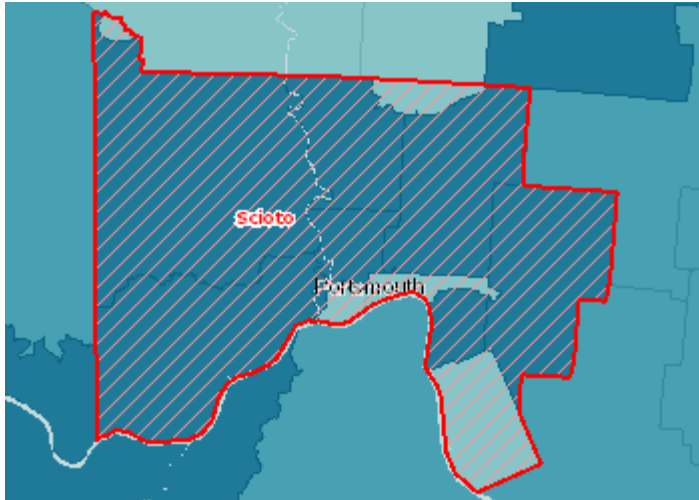
Within the report area, 94.2% of students are receiving their high school diploma within four years. This indicator is relevant because research suggests education is one the strongest predictors of health ([Freudenberg Ruglis, 2007](#)).

Report Area	Total Student Cohort	Estimated Number of Diplomas Issued	Cohort Graduation Rate
Scioto County, OH	807	760	94.2
Ohio	121,516	107,999	88.9
United States	3,127,886	2,635,290	84.3

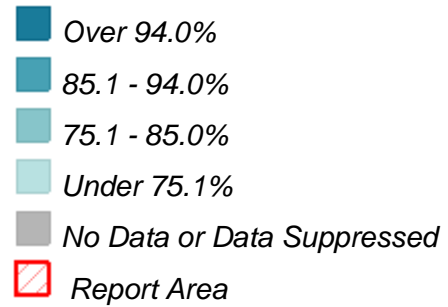
Cohort Graduation Rate



Data Source: US Department of Education, ED Facts. Accessed via DATA.GOV. Additional data analysis by CARES. 2013-14. Source geography: School District



**On-Time Graduation, Rate by School District (Secondary), ED Facts 2013-14**

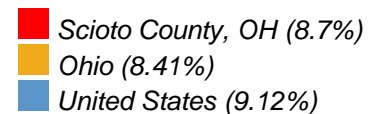
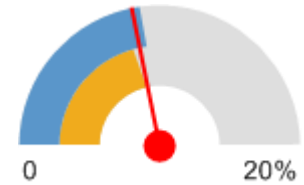


### **Households with No Motor Vehicle**

This indicator reports the number and percentage of households with no motor vehicle based on the latest 5-year American Community Survey estimates.

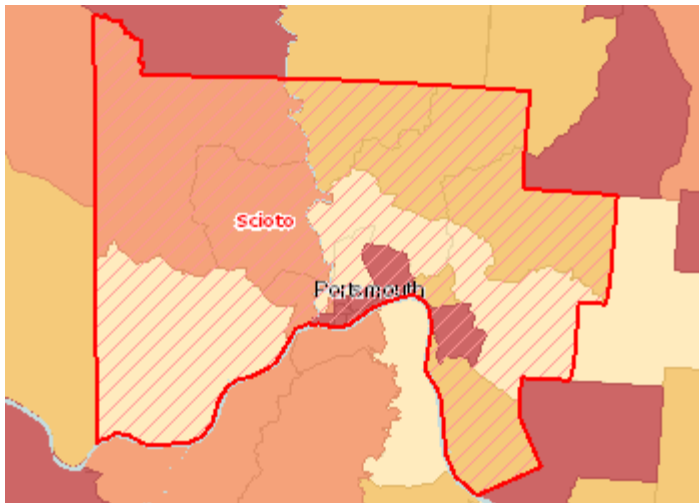
Report Area	Total Occupied Households	Households with No Motor Vehicle	Percentage of Households with No Motor Vehicle
Scioto County, OH	29,558	2,571	8.7%
Ohio	4,570,015	384,271	8.41%
United States	116,211,088	10,594,153	9.12%

Percentage of Households with No Motor Vehicle

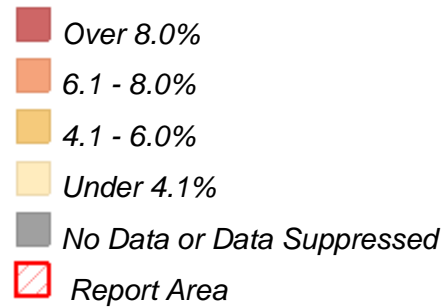


Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract





**Households with No Vehicle, Percent by Tract, ACS 2010-14**

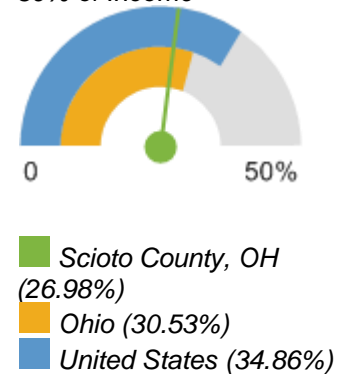


**Housing Cost Burden (30%)**

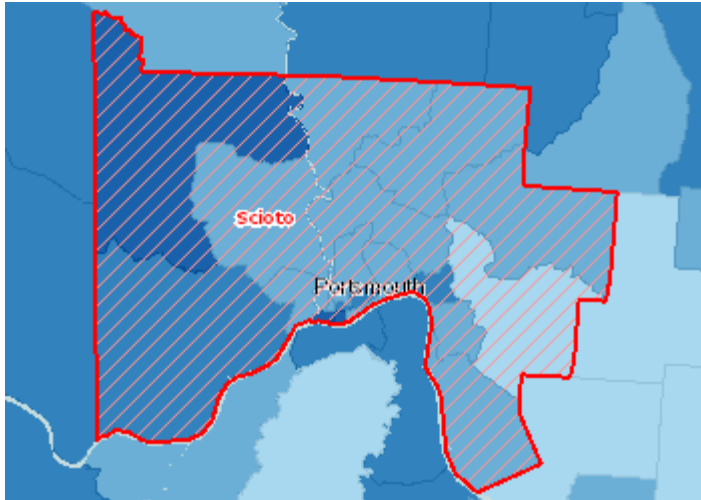
*This indicator reports the percentage of the households where housing costs exceed 30% of total household income. This indicator provides information on the cost of monthly housing expenses for owners and renters. The information offers a measure of housing affordability and excessive shelter costs. The data also serve to aid in the development of housing programs to meet the needs of people at different economic levels.*

Report Area	Total Households	Cost Burdened Households (Housing Costs Exceed 30% of Income)	Percentage of Cost Burdened Households (Over 30% of Income)
Scioto County, OH	29,558	7,976	26.98%
Ohio	4,570,015	1,395,237	30.53%
United States	116,211,096	40,509,856	34.86%

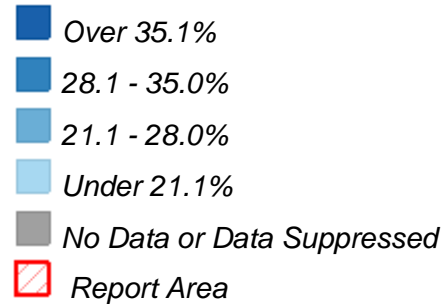
*Percentage of Households where Housing Costs Exceed 30% of Income*



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Cost Burdened Households (Housing Costs Exceed 30% of Household Income), Percent by Tract, ACS 2010-14**

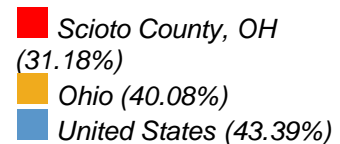


### **Income - Families Earning Over \$75,000**

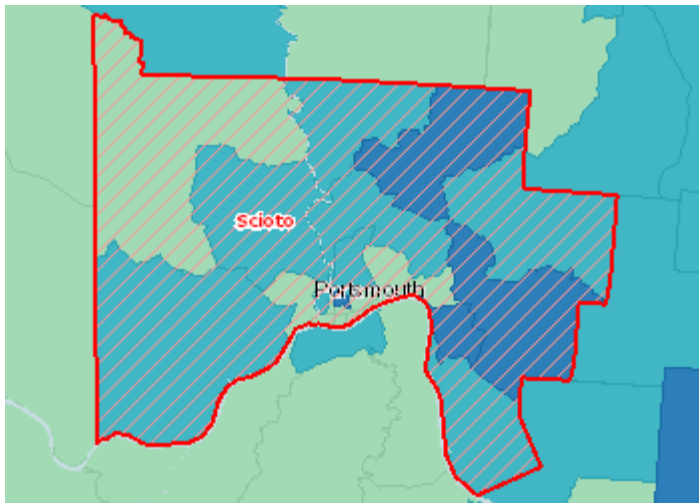
In the report area, 31.18%, or 5,877 families report a total annual income of \$75,000 or greater. Total income includes all reported income from wages and salaries as well as income from self-employment, interest or dividends, public assistance, retirement, and other sources. As [defined](#) by the US Census Bureau, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. A non-family household is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

Report Area	Total Families	Families with Income Over \$75,000	Percent Families with Income Over \$75,000
Scioto County, OH	18,850	5,877	31.18%
Ohio	2,944,097	1,179,876	40.08%
United States	76,958,064	33,389,114	43.39%

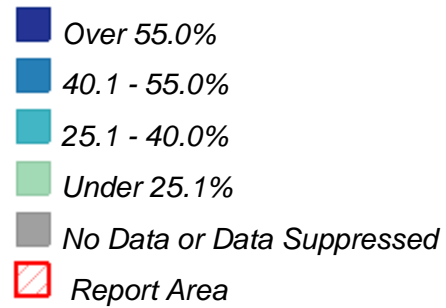
Percent Families with Income Over \$75,000



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Family Income Over \$75,000, Percent by Tract, ACS 2010-14**



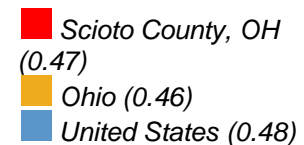
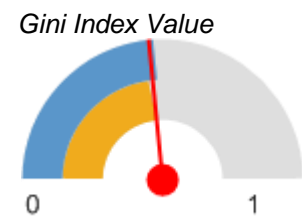
### ***Income - Inequality (GINI Index)***

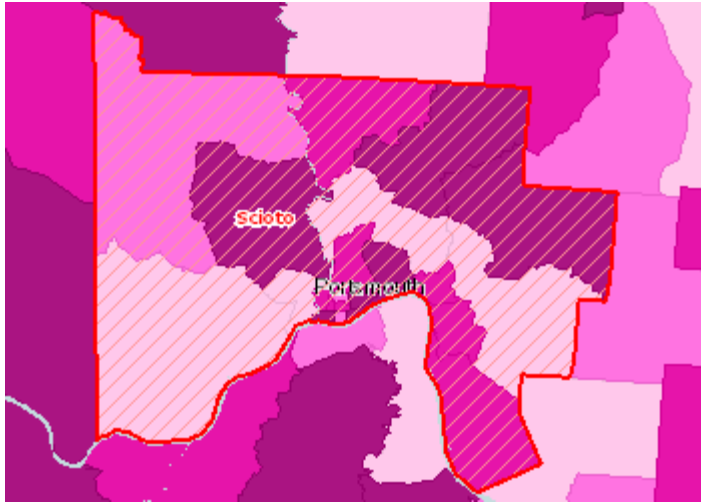
*This indicator reports income inequality using the Gini coefficient. Gini index values range between zero and one. A value of one indicates perfect inequality where only one household has any income. A value of zero indicates perfect equality, where all households have equal income.*

*Index values are acquired from the 2010-14 American Community Survey and are not available for custom report areas or multi-county areas.*

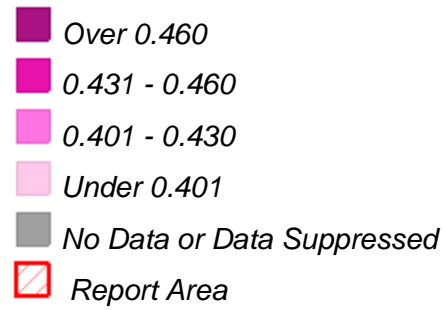
Report Area	Total Households	Gini Index Value
Scioto County, OH	29,558	0.47
Ohio	4,570,015	0.46
United States	116,211,088	0.48

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract





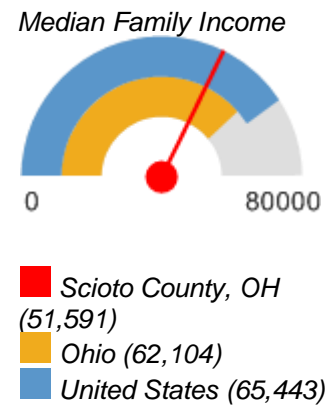
**Income Inequality (GINI), Index Value by Tract, ACS 2010-14**



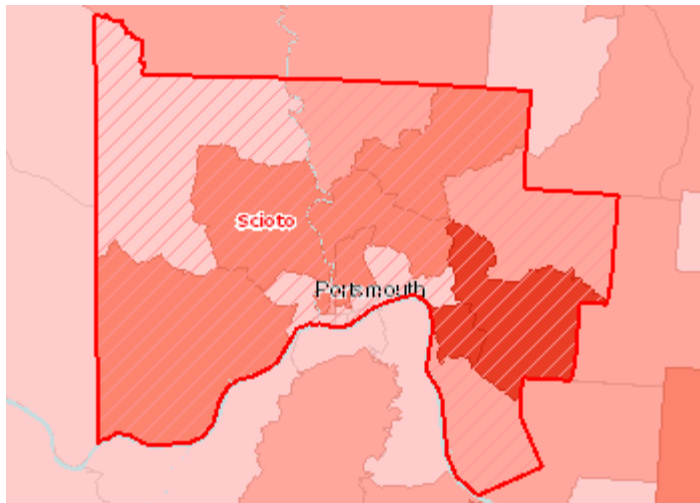
**Income - Median Family Income**

This indicator reports median family income based on the latest 5-year American Community Survey estimates. A family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. Family income includes the incomes of all family members age 15 and older.

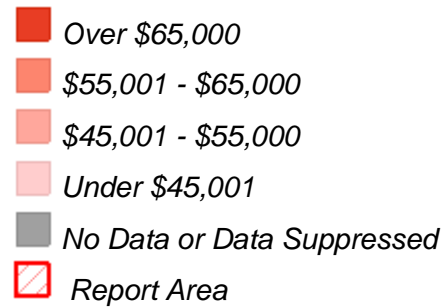
Report Area	Total Family Households	Average Family Income	Median Family Income
Scioto County, OH	18,850	\$63,144	\$51,591
Ohio	2,944,097	\$78,539	\$62,104
United States	76,958,064	\$86,963	\$65,443



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Median Family Income by Tract, ACS 2010-14**



**Median Family Income by Family Composition**

Report Area	Married-Couple Families without Children	Married-Couple Families with Children	Single-Males without Children	Single-Males with Children	Single Females without Children	Single Females with Children
Scioto County, OH	\$59,262	\$65,071	\$29,405	\$26,741	\$23,627	\$16,175
Ohio	\$70,224	\$83,518	\$48,301	\$35,768	\$39,638	\$21,260
United States	\$75,434	\$84,541	\$51,768	\$37,640	\$43,046	\$24,403

**Median Family Income by Race / Ethnicity of Householder**

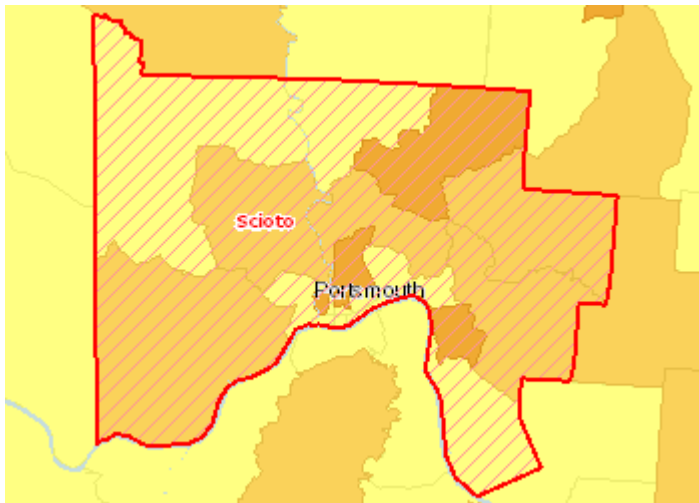
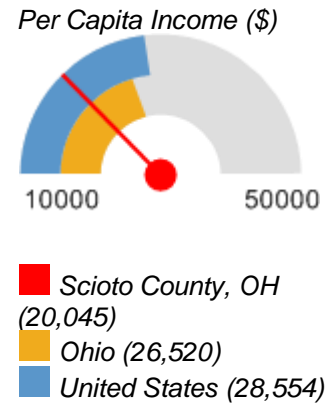
Report Area	Non-Hispanic White	Black	Asian	American Indian / Alaska Native	Native Hawaiian / Pacific Islander	Other Race	Multiple Race	Hispanic / Latino
Scioto County, OH	\$51,516	\$60,104	\$65,417	\$29,784	no data	no data	\$73,487	\$39,554
Ohio	\$66,181	\$34,982	\$84,079	\$41,528	\$60,667	\$36,298	\$41,015	\$39,770
United States	\$73,974	\$42,711	\$83,820	\$42,948	\$57,342	\$40,639	\$55,545	\$44,013

## ***Income - Per Capita Income***

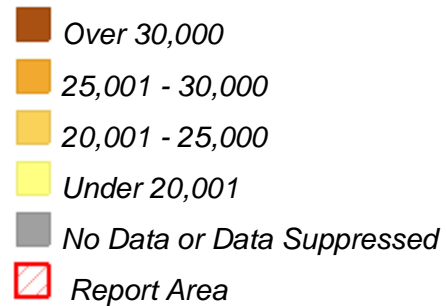
The per capita income for the report area is \$20,045. This includes all reported income from wages and salaries as well as income from self-employment, interest or dividends, public assistance, retirement, and other sources. The per capita income in this report area is the average (mean) income computed for every man, woman, and child in the specified area.

Report Area	Total Population	Total Income (\$)	Per Capita Income (\$)
Scioto County, OH	78,520	\$1,573,935,360	\$20,045
Ohio	11,560,380	\$306,584,879,104	\$26,520
United States	314,107,072	\$8,969,237,037,056	\$28,554

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Per Capita Income by Tract, ACS 2010-14**



### ***Per Capita Income by Race Alone***

<i>Report Area</i>	<i>White</i>	<i>Black or African American</i>	<i>Native American / Alaska Native</i>	<i>Asian</i>	<i>Native Hawaiian / Pacific Islander</i>	<i>Some Other Race</i>	<i>Multiple Race</i>
<i>Scioto County, OH</i>	\$20,425	\$12,646	\$21,959	\$23,855	<i>no data</i>	\$10,402	\$11,713
<i>Ohio</i>	\$28,310	\$16,978	\$33,909	\$19,867	\$28,461	\$15,824	\$11,791
<i>US</i>	\$31,402	\$19,113	\$32,404	\$17,134	\$20,638	\$15,152	\$15,876

### ***Per Capita Income by Ethnicity Alone***

<i>Report Area</i>	<i>Hispanic / Latino</i>	<i>Not Hispanic / Latino</i>
<i>Scioto County, OH</i>	\$10,192	\$20,162
<i>Ohio</i>	\$16,110	\$26,874
<i>US</i>	\$16,367	\$31,033

### ***Per Capita Income by Race/Ethnicity, Disparity Index***

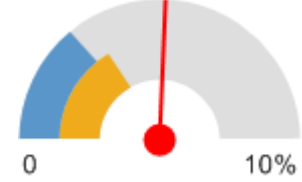
<i>Report Area</i>	<i>Disparity Index Score (0 = No Disparity; 1 - 40 = Some Disparity; Over 40 = High Disparity)</i>
<i>Scioto County, OH</i>	28.11
<i>Ohio</i>	25.90
<i>US</i>	29.2

### ***Income - Public Assistance Income***

*This indicator reports the percentage households receiving public assistance income. Public assistance income includes general assistance and Temporary Assistance to Needy Families (TANF). Separate payments received for hospital or other medical care (vendor payments) are excluded. This does not include Supplemental Security Income (SSI) or noncash benefits such as Food Stamps.*

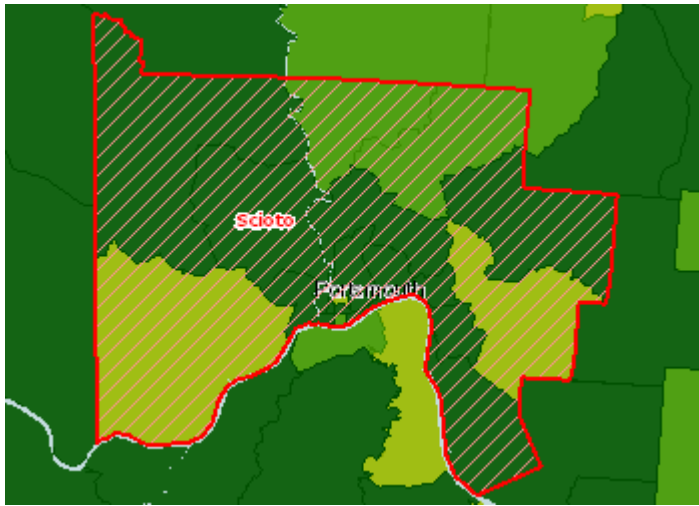
Report Area	Total Households	Households with Public Assistance Income	Percent Households with Public Assistance Income
Scioto County, OH	29,558	1,519	5.14%
Ohio	4,570,015	152,185	3.33%
US	116,211,088	3,274,407	2.82%

Percent Households with Public Assistance Income



- Scioto County, OH (5.14%)
- Ohio (3.33%)
- United States (2.82%)

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



Households with Public Assistance Income, Percent by Tract, ACS 2010-14

- Over 3.0%
- 2.1 - 3.0%
- 1.1 - 2.0%
- Under 1.1%
- No Data or Data Suppressed
- Report Area

### **Average Public Assistance Dollars Received**

Report Area	Total Households Receiving Public Assistance Income	Aggregate Public Assistance Dollars Received	Average Public Assistance Received (in USD)
Scioto County, OH	1,519	4,411,900	\$2,904
Ohio	152,185	493,056,608	\$3,239
US	3,274,407	12,180,443,136	\$3,719



## **Insurance - Population Receiving Medicaid**

This indicator reports the percentage of the population with insurance enrolled in Medicaid (or other means-tested public health insurance). This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

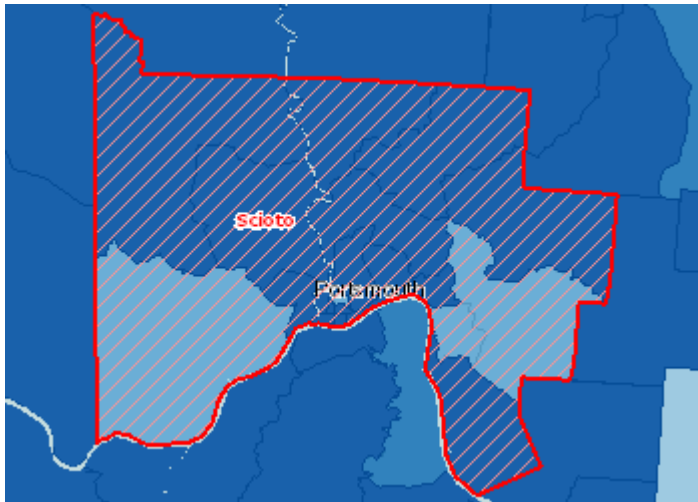
Report Area	Total Population (For Whom Insurance Status is Determined)	Population with Any Health Insurance	Population Receiving Medicaid	Percent of Insured Population Receiving Medicaid
Scioto County, OH	75,677	64,879	20,839	32.12%
Ohio	11,386,433	10,149,161	1,965,699	19.37%
US	309,082,272	265,204,128	55,035,660	20.75%

Percent of Insured Population Receiving Medicaid



■ Scioto County, OH (32.12%)  
■ Ohio (19.37%)  
■ United States (20.75%)

Data Source: US Census Bureau, American Community Survey. 2010-14.  
Source geography: Tract



**Insured, Medicaid / Means-Tested Coverage, Percent by Tract, ACS 2010-14**

- Over 25,0%
- 20.1 - 25.0%
- 15.1 - 20.0%
- Under 15.1%
- No Data or Data Suppressed
- Report Area

### **Population Receiving Medicaid by Age Group, Percent**

Report Area	Under Age 18	Age 18 - 64	Age 65
Scioto County, OH	51.25%	21.01%	18.46%
Ohio	35.55%	11.93%	10.49%
United States	37.11%	11.23%	14.24%

### **Population Receiving Medicaid by Age Group, Total**

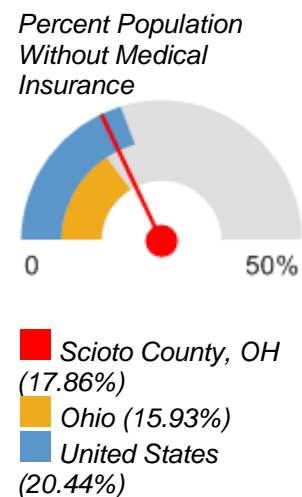
Report Area	Under Age 18	Age 18 - 64	Age 65
Scioto County, OH	8,880	9,787	2,172
Ohio	949,131	845,053	171,515
United States	27,324,286	21,746,868	5,964,506

### **Insurance - Uninsured Adults**

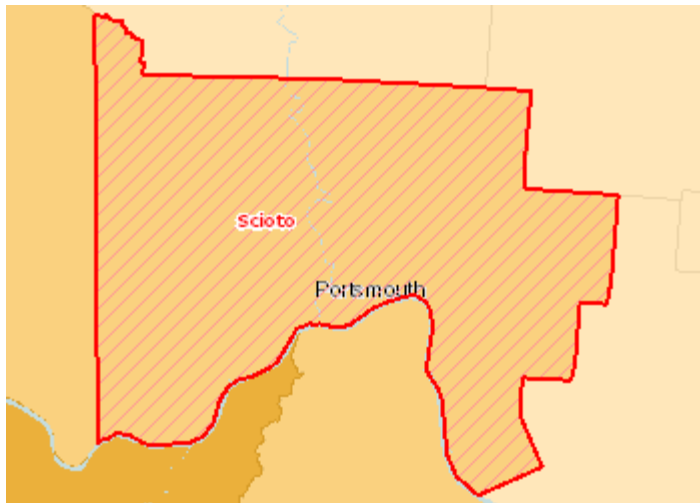
The lack of health insurance is considered a key driver of health status.

This indicator reports the percentage of adults age 18 to 64 without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

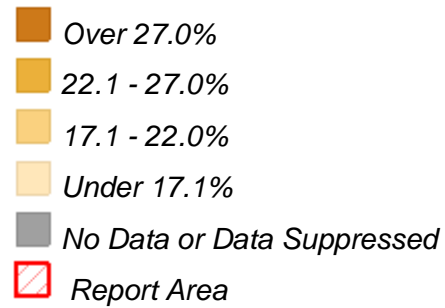
Report Area	Total Population Age 18 - 64	Population with Medical Insurance	Percent Population With Medical Insurance	Population Without Medical Insurance	Percent Population Without Medical Insurance
Scioto County, OH	45,577	37,437	82.14%	8,140	17.86%
Ohio	6,961,431	5,852,283	84.07%	1,109,148	15.93%
United States	192,461,139	153,124,895	79.56%	39,336,247	20.44%



Data Source: US Census Bureau, Small Area Health Insurance Estimates. 2013. Source geography: County



**Uninsured Population, Age 18-64, Percent by County, SAHIE 2013**



**Uninsured Population Age 18 - 64 by Race / Ethnicity, Percent**

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic / Latino
Ohio	14.7%	24.02%	35.58%
United States	14.81%	24.37%	40.84%

**Uninsured Population Age 18 - 64, Percent by Year, 2008 through 2012**

Report Area	2008	2009	2010	2011	2012
Scioto County, OH	16.7%	18.4%	20.4%	18.5%	19%
Ohio	1.17%	16.97%	17.55%	16.92%	16.58%
United States	17.32%	20.66%	21.52%	21.11%	20.76%

**Insurance - Uninsured Children**

The lack of health insurance is considered a key driver of health status.

This indicator reports the percentage of children under age 19 without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population Under Age 19	Population with Medical Insurance	Percent Population With Medical Insurance	Population Without Medical Insurance	Percent Population Without Medical Insurance
Scioto County, OH	17,853	16,859	94.43%	995	5.57%
Ohio	2,733,601	2,581,315	94.43%	152,286	5.57%
United States	76,195,402	70,470,743	92.49%	5,724,663	7.51%

Percent Population Without Medical Insurance



■ Scioto County, OH (5.57%)  
■ Ohio (5.57%)  
■ United States (7.51%)

Data Source: US Census Bureau, Small Area Health Insurance Estimates. 2013. Source geography: County

***Uninsured Population Under Age 18, Percent by Year, 2008 through 2012***

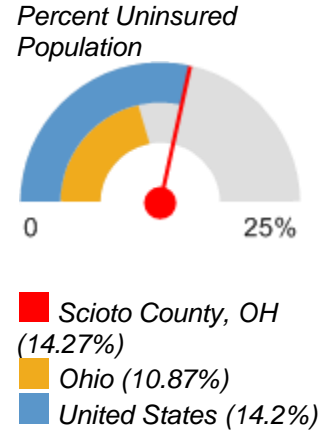
Report Area	2008	2009	2010	2011	2012
Scioto County, OH	7.2%	7%	6.5%	6.1%	6%
Ohio	7.02%	6.67%	6.31%	6.11%	5.62%
United States	9.72%	9.02%	8.45%	7.89%	7.54%

***Insurance - Uninsured Population***

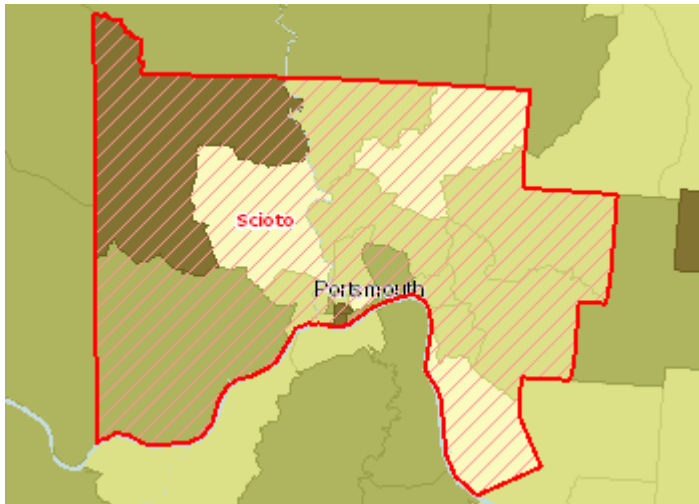
*The lack of health insurance is considered a key driver of health status.*

*This indicator reports the percentage of the total civilian non-institutionalized population without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.*

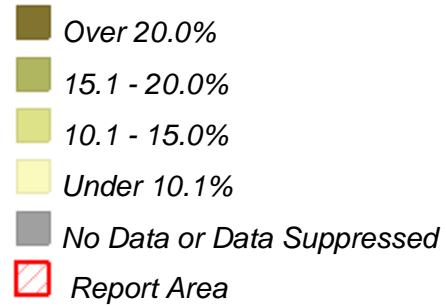
Report Area	Total Population (For Whom Insurance Status is Determined)	Total Uninsured Population	Percent Uninsured Population
Scioto County, OH	75,677	10,798	14.27%
Ohio	11,386,433	1,237,272	10.87%
United States	309,082,272	43,878,140	14.2%



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Uninsured Population, Percent by Tract, ACS 2010-14**



**Uninsured Population by Gender**

Report Area	Total Male	Total Female	Percent Male	Percent Female
Scioto County, OH	5,892	4,906	15.98%	12.64%
Ohio	678,356	558,916	12.24%	9.57%
United States	23,558,630	20,319,504	15.61%	12.84%

### **Uninsured Population by Age Group, Percent**

Report Area	Under Age 18	Age 18 - 64	Age 65
Scioto County, OH	4.82%	21.39%	0%
Ohio	5.33%	15.35%	0.5%
United States	7.08%	19.76%	0.98%

### **Uninsured Population by Age Group, Total**

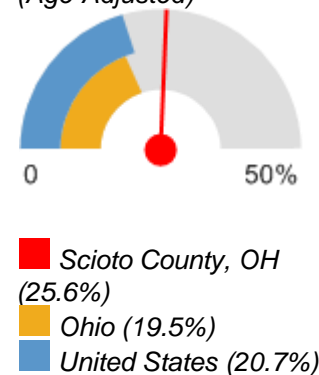
Report Area	Under Age 18	Age 18 - 64	Age 65
Scioto County, OH	836	9,962	0
Ohio	142,360	1,086,703	8,209
United States	5,217,055	38,249,012	412,062

### **Lack of Social or Emotional Support**

*This indicator reports the percentage of adults aged 18 and older who self-report that they receive insufficient social and emotional support all or most of the time. This indicator is relevant because social and emotional support is critical for navigating the challenges of daily life as well as for good mental health. Social and emotional support is also linked to educational achievement and economic stability.*

Report Area	Total Population Age 18	Estimated Population Without Adequate Social / Emotional Support	Crude Percentage	Age-Adjusted Percentage
Scioto County, OH	61,130	15,772	25.8%	25.6%
Ohio	8,781,360	1,721,147	19.6%	19.5%
United States	232,556,016	48,104,656	20.7%	20.7%

*Percent Adults Without Adequate Social / Emotional Support (Age-Adjusted)*



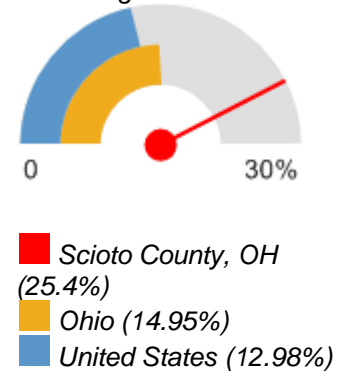
*Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County*

## Population Receiving SNAP Benefits (ACS)

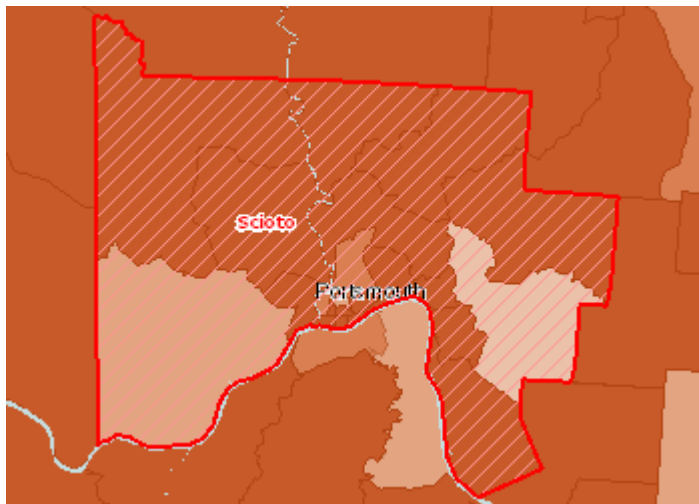
This indicator reports the estimated percentage of households receiving the Supplemental Nutrition Assistance Program (SNAP) benefits. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrolment.

Report Area	Total Households	Households Receiving SNAP Benefits	Percent Households Receiving SNAP Benefits
Scioto County, OH	29,558	7,508	25.4%
Ohio	4,570,015	683,427	14.95%
United States	116,211,088	15,089,358	12.98%

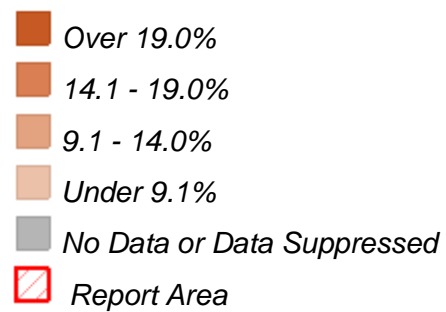
Percent Households Receiving SNAP Benefits



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



Households Receiving SNAP Benefits, Percent by Tract, ACS 2010-14



### **Households Receiving SNAP Benefits by Race/Ethnicity, Percent**

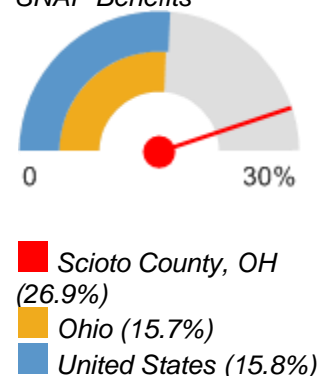
Report Area	Total Population	Non-Hispanic White	Black	Asian	American Indian / Alaska Native	Other Race	Multiple Race	Hispanic / Latino
Scioto County, OH	25.4%	25.23%	23.75	15.19%	15.23%	28%	36.16%	39.86%
Ohio	14.95%	11.37%	35.6	6.13%	28%	26.41%	30.52%	27.06%
United States	12.98%	7.99%	28.07	7.42%	26.45%	24.04%	20.23%	22.24%

### **Population Receiving SNAP Benefits (SAIPE)**

This indicator reports the average percentage of the population receiving the Supplemental Nutrition Assistance Program (SNAP) benefits between the months of July 2012 and July 2013. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

Report Area	Total Population	Population Receiving SNAP Benefits	Percent Population Receiving SNAP Benefits
Scioto County, OH	74,543	20,077	26.9%
Ohio	11,280,019	1,776,110	15.7%
United States	295,309,825	46,732,618	15.8%

Percent Population Receiving SNAP Benefits



Data Source: US Census Bureau, Small Area Income Poverty Estimates. 2013. Source geography: County

### **Percent Population Receiving SNAP Benefits by Year, 2005 through 2013**

Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013
Scioto County, OH	20.49%	20.73%	22.33%	23.24%	25.84%	26.75%	26.63%	27.12%	26.93%
Ohio	9.41%	9.61%	10.11%	11.5%	13.9%	15.65%	16%	16.21%	15.75%



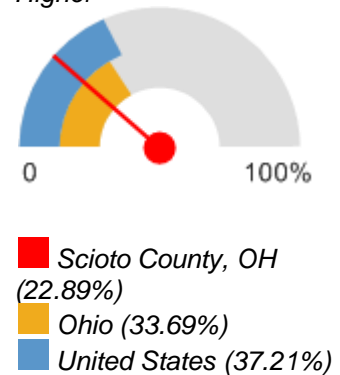
United States	9.05%	9%	9.38%	10.68%	12.94%	14.5%	15.19%	15.49%	15.82%
---------------	-------	----	-------	--------	--------	-------	--------	--------	--------

### **Population with Associate's Level Degree or Higher**

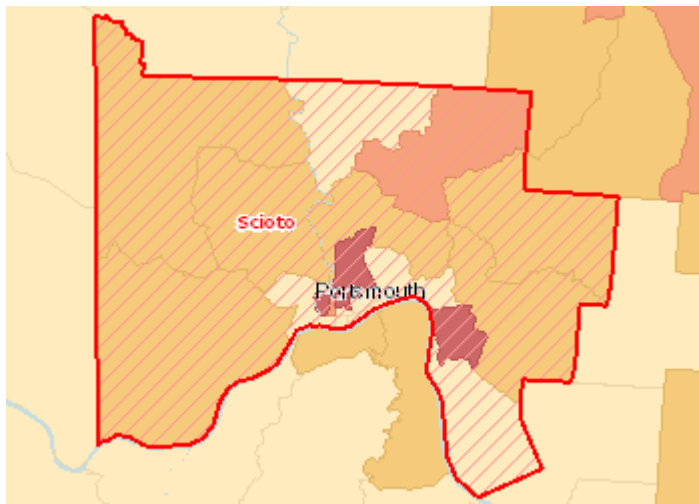
22.89% of the population aged 25 and older, or 12,240 have obtained an Associate's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

Report Area	Total Population Age 25	Population Age 25 with Associate's Degree or Higher	Percent Population Age 25 with Associate's Degree or Higher
Scioto County, OH	53,474	12,240	22.89%
Ohio	7,781,111	2,621,592	33.69%
United States	209,056,128	77,786,232	37.21%

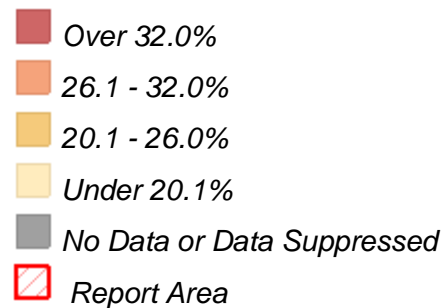
Percent Population Age 25 with Associate's Degree or Higher



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Population with an Associate Level Degree or Higher, Percent by Tract, ACS 2010-14**



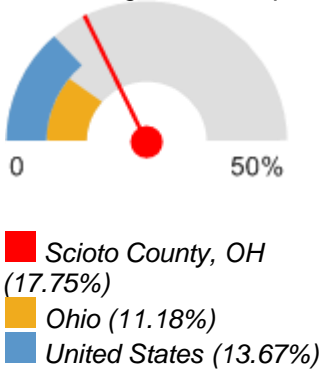
### **Population with No High School Diploma**

Within the report area there are 9,490 persons aged 25 and older without a high school diploma (or equivalency) or higher. This represents 17.75% of the total population aged 25 and older.

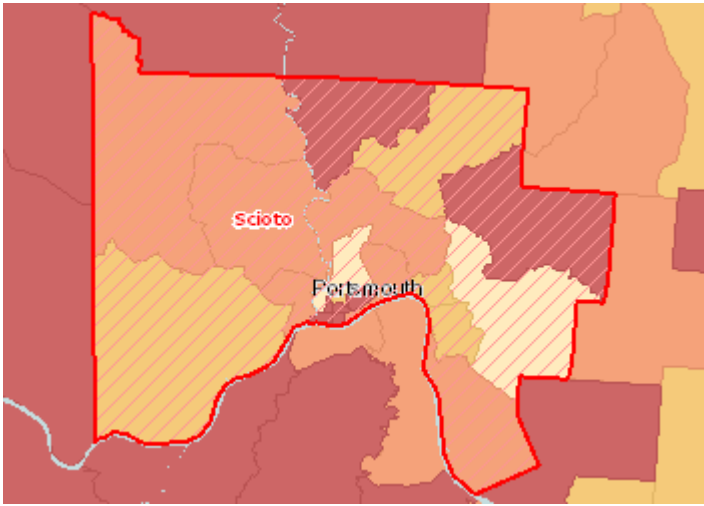
This indicator is relevant because educational attainment is linked to positive health outcomes (Freudenberg Ruglis, 2007).

Report Area	Total Population Age 25	Population Age 25 with No High School Diploma	Percent Population Age 25 with No High School Diploma
Scioto County, OH	53,474	9,490	17.75%
Ohio	7,781,111	869,789	11.18%
United States	209,056,128	28,587,748	13.67%

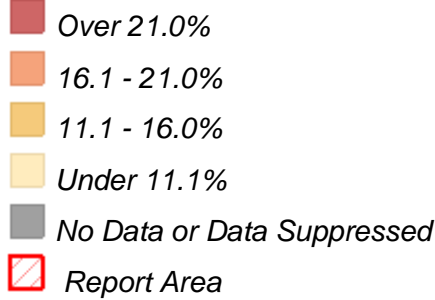
Percent Population Age 25 with No High School Diploma



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



Population with No High School Diploma (Age 25 ), Percent by Tract, ACS 2010-14



**Population with No High School Diploma by Gender**

Report Area	Total Male	Total Female	Percent Male	Percent Female
Scioto County, OH	4,912	4,578	19.06%	16.53%
Ohio	434,968	434,821	11.68%	10.72%
United States	14,483,210	14,104,538	14.37%	13.03%

### ***Population with No High School Diploma by Race Alone, Percent***

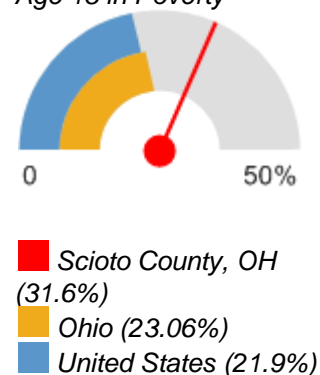
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Scioto County, OH	17.41%	25.04%	27.82%	27.87%	no data	39.46%	17.21%
Ohio	10.22%	16.81%	17.23%	11.34%	17.51%	32.84%	14.3%
United States	11.63%	16.83%	21.41%	14.24%	13.95%	41.51%	14.65%

### ***Poverty - Children Below 100% FPL***

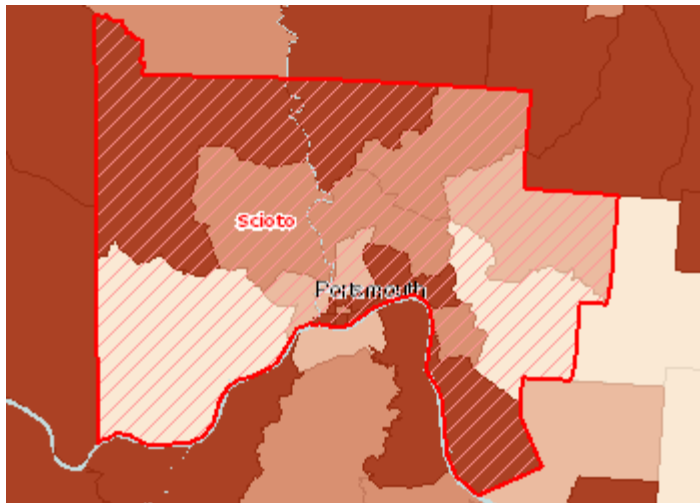
*In the report, area 31.6% or 5,303 children aged 0-17 are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.*

Report Area	Total Population	Population Under Age 18	Population Under Age 18 in Poverty	Percent Population Under Age 18 in Poverty
Scioto County, OH	74,570	16,784	5,303	31.6%
Ohio	11,243,508	2,628,285	606,061	23.06%
United States	306,226,400	72,637,888	15,907,395	21.9%

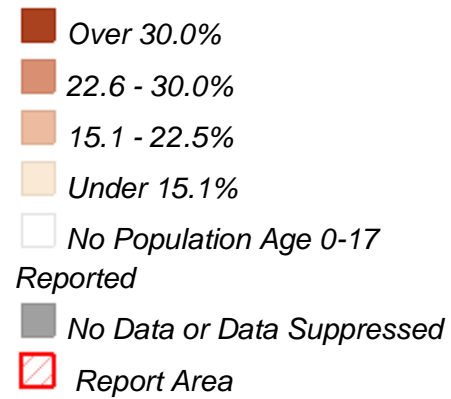
*Percent Population Under Age 18 in Poverty*



*Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract*



**Population Below the Poverty Level, Children (Age 0-17), Percent by Tract, ACS 2010-14**



***Children in Poverty by Race Alone, Percent***

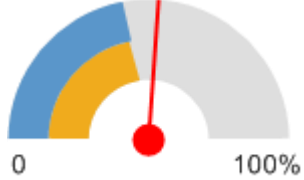
<i>Report Area</i>	<i>Non-Hispanic White</i>	<i>Black or African American</i>	<i>Native American / Alaska Native</i>	<i>Asian</i>	<i>Native Hawaiian / Pacific Islander</i>	<i>Some Other Race</i>	<i>Multiple Race</i>
<i>Scioto County, OH</i>	30.7%	21.99%	no data	0%	no data	12.28%	23.61%
<i>Ohio</i>	16.59%	48.32%	32.26%	10.58%	36.8%	37.98%	33.94%
<i>United States</i>	12.96%	38.18%	36.27%	13.14%	25.94%	35.8%	22.63%

***Poverty - Children Below 200% FPL***

*In the report, area 52.29% or 8,777 children are living in households with income below 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.*

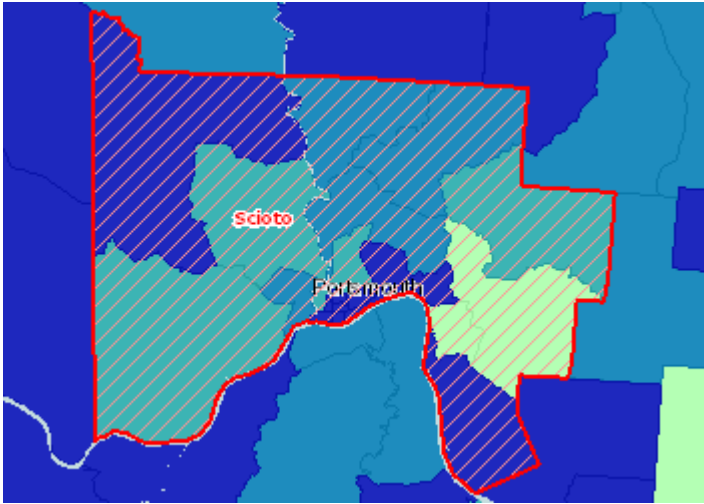
Report Area	Total Population Under Age 18	Population Under Age 18 at or Below 200% FPL	Percent Population Under Age 18 at or Below 200% FPL
Scioto County, OH	16,784	8,777	52.29%
Ohio	2,628,285	1,165,288	44.34%
United States	72,637,888	32,116,426	44.21%

Percent Population Under Age 18 at or Below 200% FPL



- Scioto County, OH (52.29%)
- Ohio (44.34%)
- United States (44.21%)

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



Population Below 200% Poverty Level, Children (Age 0-17), Percent by Tract, ACS 2010-14

- Over 56.0%
- 47.1 - 56.0%
- 38.1 - 47.0%
- Under 38.1%
- No Population Age 0-17 Reported
- No Data or Data Suppressed
- Report Area

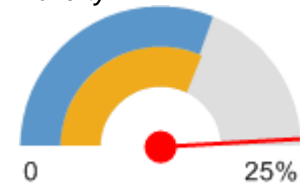
**Poverty - Population Below 100% FPL**

Poverty is considered a key driver of health status.

Within the report, area 24.52% or 18,284 individuals are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

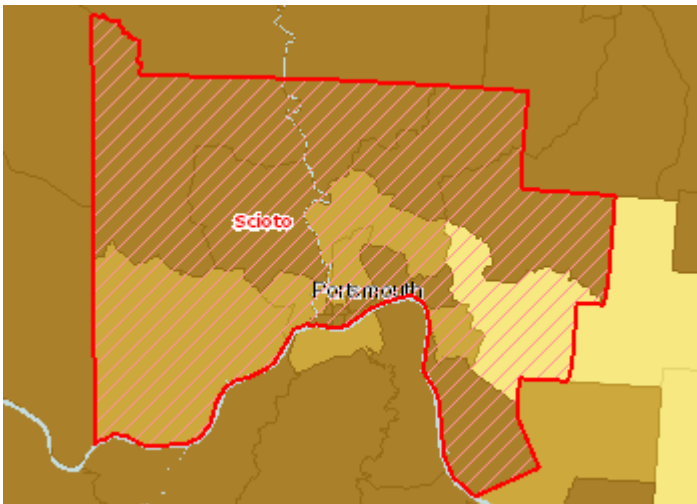
Report Area	Total Population	Population in Poverty	Percent Population in Poverty
Scioto County, OH	74,570	18,284	24.52%
Ohio	11,243,508	1,790,564	15.93%
United States	306,226,400	47,755,608	15.59%

Percent Population in Poverty



- Scioto County, OH (24.52%)
- Ohio (15.93%)
- United States (15.59%)

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Population Below the Poverty Level, Percent by Tract, ACS 2010-14**

- Over 20.0%
- 15.1 - 20.0%
- 10.1 - 15.0%
- Under 10.1%
- No Data or Data Suppressed
- Report Area

**Population in Poverty Race Alone, Percent**

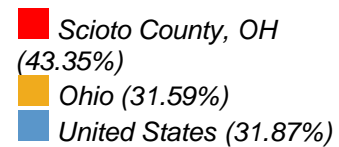
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Scioto County, OH	24.84%	16.38%	5.1%	4.44%	no data	14.45%	25.2%
Ohio	12.79%	34.17%	29.08%	12.88%	19.49%	29.23%	30.22%
United States	12.76%	27.33%	28.79%	12.7%	20.73%	27.09%	20.33%

## Poverty - Population Below 185% FPL

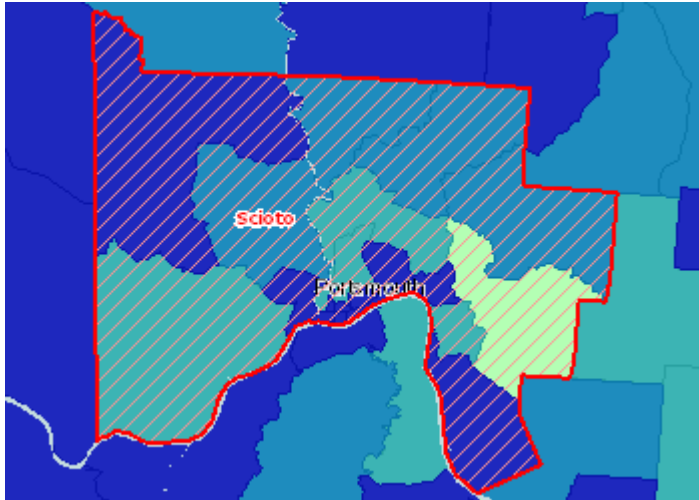
In the report, area 43.35% or 32,327 individuals are living in households with income below 185% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population with Income at or Below 185% FPL	Percent Population with Income at or Below 185% FPL
Scioto County, OH	74,570	32,327	43.35%
Ohio	11,243,508	3,551,627	31.59%
United States	306,226,400	97,583,176	31.87%

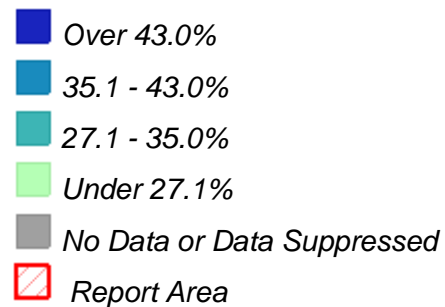
Percent Population with Income at or Below 185% FPL



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



Population Below 185% Poverty Level, Percent by Tract, ACS 2010-14

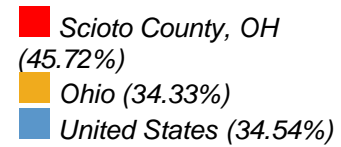
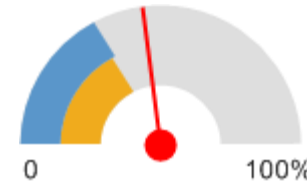


## Poverty - Population Below 200% FPL

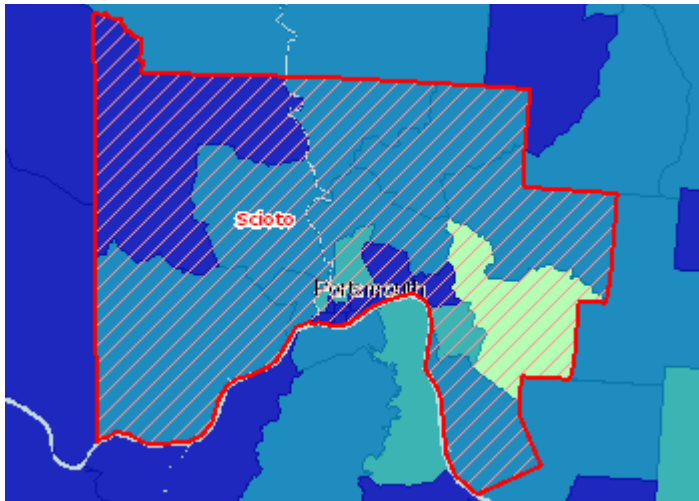
In the report area 45.72% or 34,091 individuals are living in households with income below 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population with Income at or Below 200% FPL	Percent Population with Income at or Below 200% FPL
Scioto County, OH	74,570	34,091	45.72%
Ohio	11,243,508	3,859,814	34.33%
United States	306,226,400	105,773,408	34.54%

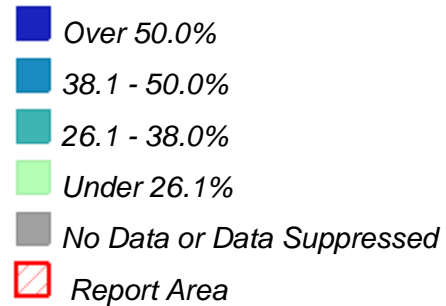
Percent Population with Income at or Below 200% FPL



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Population Below 200% Poverty Level, Percent by Tract, ACS 2010-14**

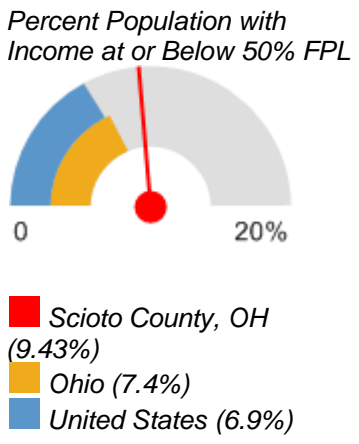


### **Poverty - Population Below 50% FPL**

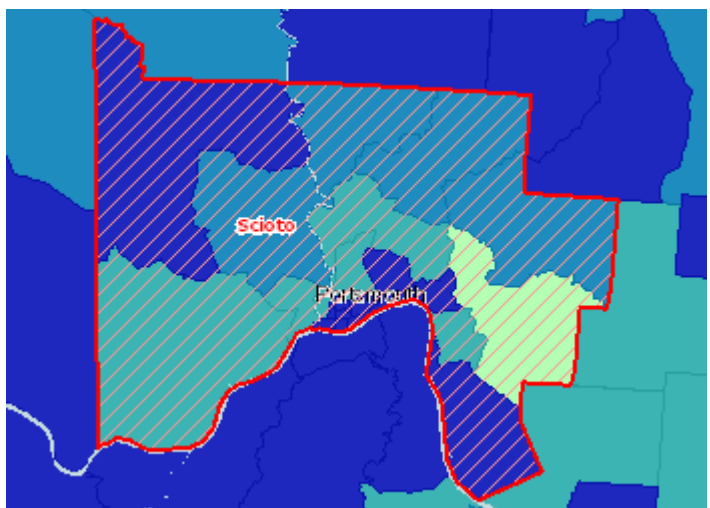
In the report area 9.43% or 7,029 individuals are living in households with income below 50% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.



Report Area	Total Population	Population with Income at or Below 50% FPL	Percent Population with Income at or Below 50% FPL
Scioto County, OH	74,570	7,029	9.43%
Ohio	11,243,508	832,476	7.4%
United States	306,226,400	21,117,986	6.9%



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Population Below 50% Poverty Level, Percent by Tract, ACS 2010-14**

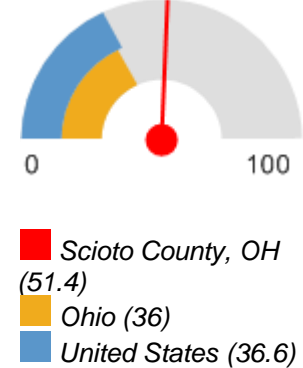
- Over 9.0%
- 6.1 - 9.0%
- 3.1 - 6.0%
- Under 3.1%
- No Data or Data Suppressed
- Report Area

**Teen Births**

*This indicator reports the rate of total births to women age of 15 - 19 per 1,000 female population age 15 - 19. This indicator is relevant because in many cases, teen parents have unique social, economic, and health support services. Additionally, high rates of teen pregnancy may indicate the prevalence of unsafe sex practices.*

Report Area	Female Population Age 15 - 19	Births to Mothers Age 15 - 19	Teen Birth Rate (Per 1,000 Population)
Scioto County, OH	2,664	137	51.4
Ohio	402,707	14,497	36
United States	10,736,677	392,962	36.6

Teen Birth Rate (Per 1,000 Population)



Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2006-12. Source geography: County

### **Births to Women Age 15-19, Rate (per 1,000 Pop.) by Time Period, 2002-2008 through 2006-2012**

Report Area	2002-2008	2003-2009	2004-2010	2005-2011	2006-2012
Scioto County, OH	58.7	57.5	54.3	53.3	51.4
Ohio	39.1	38.8	38.1	37.2	36
United States	41	40.3	39.3	38	36.6

### **Births to Women Age 15-19, Rate (per 1,000 Pop.) by Race / Ethnicity**

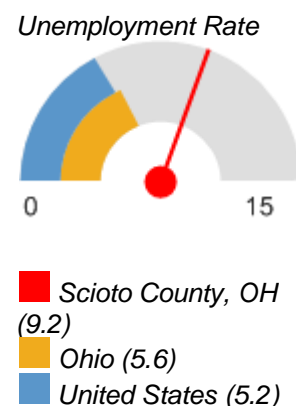
Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic or Latino
Scioto County, OH	52.1	35.1	no data
Ohio	29.1	66.6	62.2
United States	24.6	54.9	62

### **Unemployment Rate**

Total unemployment in the report area for the current month was 2,731, or 9.2% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access including insurance coverage, health services, healthy food, and other necessities that contribute to poor

health status.

Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Scioto County, OH	29,755	27,024	2,731	9.2
Ohio	5,716,088	5,395,461	320,627	5.6
United States	159,420,992	151,069,285	8,351,707	5.2



Data Source: US Department of Labor, Bureau of Labor Statistics. 2016 - February. Source geography: County

### **Average Monthly Unemployment Rate, Feb 2015 - Feb 2016**

Report Area	Feb. 2015	Mar. 2015	Apr. 2015	May 2015	Jun. 2015	Jul. 2015	Aug. 2015	Sept. 2015	Oct. 2015	Nov. 2015	Dec. 2015	Jan. 2016	Feb. 2016
Scioto County, OH	8.9	8.4	7.2	7.2	7.5	7.7	6.9	6.9	6.7	7.2	7.7	9.8	9.2
Ohio	5.6	5.2	4.6	4.8	5	5	4.4	4.3	4.3	4.5	4.6	5.7	5.6
United States	5.8	5.6	5.1	5.3	5.5	5.6	5.2	4.9	4.8	4.8	4.8	5.3	5.2

### **Average Annual Unemployment Rate, 2005-2015**

Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Scioto County, OH	8.5	7.5	7.4	8.3	12.2	13.3	12.5	11.3	11.9	8.7	7.7
Ohio	5.9	5.4	5.6	6.6	10.2	10.3	8.8	7.4	7.5	5.8	4.9
United States	5.2	4.7	4.7	5.8	9.3	9.7	9	8.1	7.4	6.2	5.3

### **Violent Crime**

This indicator reports the rate of violent crime offenses reported by law enforcement per 100,000 residents. Violent crime includes homicide, rape, robbery, and aggravated assault.

This indicator is relevant because it assesses community safety.

Report Area	Total Population	Violent Crimes	Violent Crime Rate (Per 100,000 Pop.)
Scioto County, OH	79,443	132	165.7
Ohio	10,917,635	34,148	312.8
United States	306,859,354	1,213,859	395.5

Data Source: Federal Bureau of Investigation, FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium for Political and Social Research. 2010-12. Source geography: County

Violent Crime Rate (Per 100,000 Pop.)



- Scioto County, OH (165.7)
- Ohio (312.8)
- United States (395.5)

## Physical Environment

A community's health is affected by the physical environment. A safe, clean environment that provides access to healthy food and recreational opportunities is important to maintaining and improving community health.

### Air Quality - Ozone

Within the report area, 3.1, or 0.86% of days exceeded the emission standard of 75 parts per billion (ppb). This indicator reports the percentage of days per year with Ozone (O3) levels above the National Ambient Air Quality Standard of 75 parts per billion (ppb). Figures are calculated using data collected by monitoring stations and modeled to include census tracts where no monitoring stations exist. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.

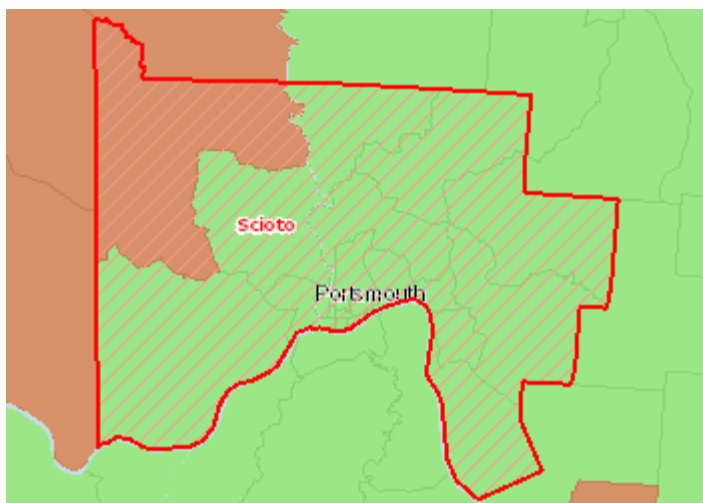
Report Area	Total Population	Average Daily Ambient Ozone Concentration	Number of Days Exceeding Emission Standards	Percentage of Days Exceeding Standards, Crude Average	Percentage of Days Exceeding Standards, Pop. Adjusted Average
Scioto County, OH	79,499	42.12	3.1	0.85%	0.86%
Ohio	11,536,504	40.61	6.02	1.65%	1.61%
United States	312,471,327	38.95	4.46	1.22%	1.24%

Percentage of Days Exceeding Standards, Pop. Adjusted Average

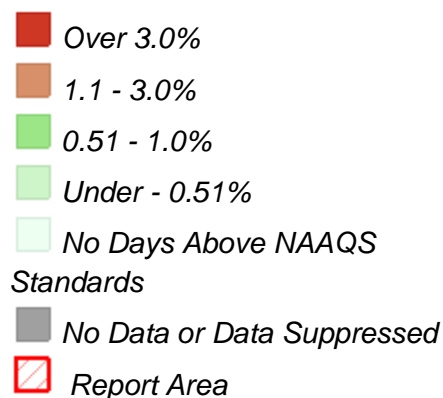


■ Scioto County, OH (0.86%)  
■ Ohio (1.61%)  
■ United States (1.24%)

Data Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network. 2012. Source geography: Tract



**Ozone Levels (O3), Percentage of Days Above NAAQ Standards by Tract, NEPHTN 2012**



**Percentage of (Pop. Adjusted) Days Exceeding NAAQ Standards: Ozone (O3), 2009 through 2012**

Report Area	2009	2010	2011	2012
Scioto County, OH	0	0	0.12	0.86
Ohio	0.07	0.48	0.95	1.61
United States	0.46	0.62	0.90	1.24

**Air Quality - Particulate Matter 2.5**

*This indicator reports the percentage of days with particulate matter 2.5 levels above the National Ambient Air Quality Standard (35 micrograms per cubic meter) per year, calculated using data collected by monitoring stations and modeled to include counties where no monitoring stations occur. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.*

Report Area	Total Population	Average Daily Ambient Particulate Matter 2.5	Number of Days Exceeding Emissions Standards	Percentage of Days Exceeding Standards, Crude Average	Percentage of Days Exceeding Standards, Pop. Adjusted Average
Scioto County, OH	79,499	10.29	0	0	0%
Ohio	11,536,504	11.25	0.33	0.09	0.09%
United States	312,471,327	9.10	0.35	0.10	0.10%

Percentage of Days Exceeding Standards, Pop. Adjusted Average



- Scioto County, OH (0%)
- Ohio (0.09%)
- United States (0.10%)

Data Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network. 2012. Source geography: Tract

**Percentage of (Pop. Adjusted) Days Exceeding NAAQ Standards: Particulate Matter (PM2.5), 2009 through 2012**

Report Area	2009	2010	2011	2012
Scioto County, OH	0	0	0	0
Ohio	0.02	0.25	0.02	0.09
United States	0.24	0.18	0.19	0.10

**Climate Health - High Heat Index Days**

This indicator reports the percentage of recorded weather observations with heat index values over 103 degrees Fahrenheit. The "heat index" is a single value that takes both temperature and humidity into account. The higher the heat index, the hotter the weather feels, since sweat does not readily evaporate and cool the skin. The heat index is a better measure than air temperature alone for estimating the risk to workers from environmental heat sources.

Report Area	Total Weather Observations	Average Heat Index Value	Observations with High Heat Index Values	Observations with High Heat Index Values, Percentage
Scioto County, OH	4,380	93.67	180	4.11%
Ohio	263,165	92.36	7,373	2.8%
United States	19,094,610	91.82	897,155	4.7%

Percentage of Weather Observations with High Heat Index Values: %



- Scioto County, OH (4.11%)
- Ohio (2.8%)
- United States (4.7%)

Data Source: National Oceanic and Atmospheric Administration, North America Land Data Assimilation System (NLDAS) . Accessed via CDC WONDER. Additional data analysis by CARES. 2014. Source geography: County

### **Food Access - Fast Food Restaurants**

This indicator reports the number of fast food restaurants per 100,000 population. Fast food restaurants are defined as limited-service establishments primarily engaged in providing food services (except snack and nonalcoholic beverage bars) where patrons generally order or select items and pay before eating. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Scioto County, OH	79,499	59	74.21
Ohio	11,536,504	9,058	78.5
United States	312,732,537	227,486	72.7

Fast Food Restaurants, Rate (Per 100,000 Population)



- Scioto County, OH (74.21)
- Ohio (78.5)
- United States (72.7)

Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2013. Source geography: County



***Fast Food Restaurants,  
Rate per 100,000 Population by Year, 2008 through 2012***

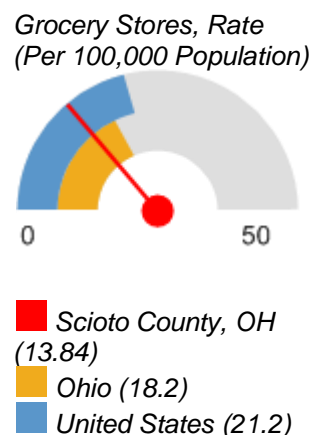
Report Area	2008	2009	2010	2011	2012	2013
Scioto County, OH	81.76	75.47	74.21	76.73	77.99	74.21
Ohio	75.79	74.88	75.66	76.34	77.42	78.52
United States	67.43	67.43	68.31	69.2	71.97	72.8

***Food Access - Grocery Stores***

*This indicator reports the number of grocery stores per 100,000 population. Grocery stores are defined as supermarkets and smaller grocery stores primarily engaged in retailing a general line of food, such as canned and frozen foods; fresh fruits and vegetables; and fresh and prepared meats, fish, and poultry. Included are delicatessen-type establishments. Convenience stores and large general merchandise stores that also retail food, such as supercenters and warehouse club stores are excluded. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.*

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Scioto County, OH	79,499	11	13.84
Ohio	11,536,504	2,098	18.2
United States	312,732,537	66,286	21.2

*Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2013. Source geography: County*



***Grocery Stores and Supermarkets,  
Rate per 100,000 Population by Year, 2008 through 2012***

Report Area	2008	2009	2010	2011	2012	2013
Scioto County, OH	17.61	16.35	16.35	15.09	15.09	13.84
Ohio	18.29	18.19	18.17	17.95	18.02	18.19
United States	20.28	20.36	20.6	20.59	21.14	21.21

## **Food Access - Low Food Access**

This indicator reports the percentage of the population living in census tracts designated as food deserts. A food desert is defined as a low-income census tract (where a substantial number or share of residents has low access to a supermarket or large grocery store). This indicator is relevant because it highlights populations and geographies facing food insecurity.

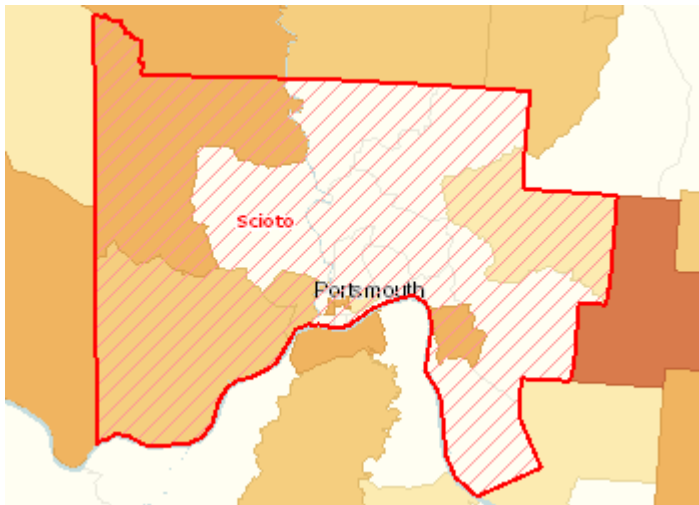
Report Area	Total Population	Population with Low Food Access	Percent Population with Low Food Access
Scioto County, OH	79,499	6,524	8.21%
Ohio	11,536,504	2,880,993	24.97%
United States	308,745,538	72,905,540	23.61%

Percent Population with Low Food Access



■ Scioto County, OH (8.21%)  
■ Ohio (24.97%)  
■ United States (23.61%)

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. 2010. Source geography: Tract



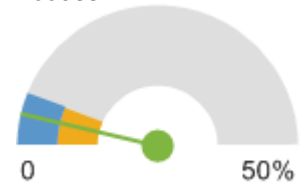
**Population with Limited Food Access, Percent by Tract, FARA 2010**

■ Over 50.0%  
■ 20.1 - 50.0%  
■ 5.1 - 20.0%  
■ Under 5.1%  
■ No Low Food Access  
■ Report Area

## **Food Access - Low Income Low Food Access**

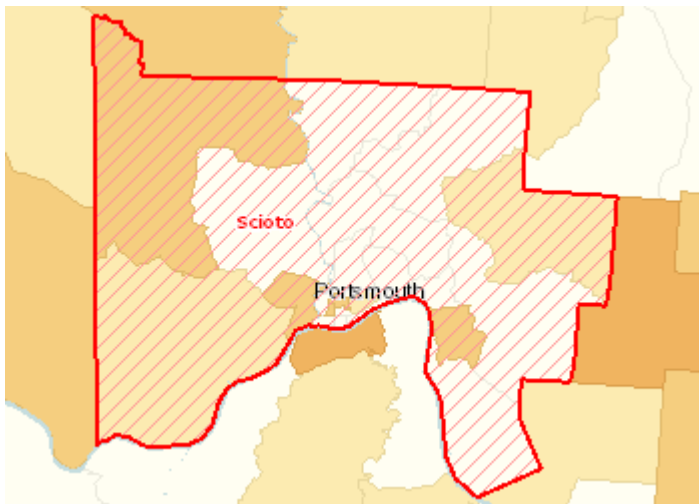
Report Area	Total Population	Low Income Population with Low Food Access	Percent Low Income Population with Low Food Access
Scioto County, OH	79,499	2,864	3.6%
Ohio	11,536,504	732,289	6.35%
United States	308,745,538	19,347,047	6.27%

Percent Low Income Population with Low Food Access



■ Scioto County, OH (3.6%)  
■ Ohio (6.35%)  
■ United States (6.27%)

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. 2010. Source geography: Tract



**Population with Limited Food Access, Low Income, Percent by Tract, FARA 2010**

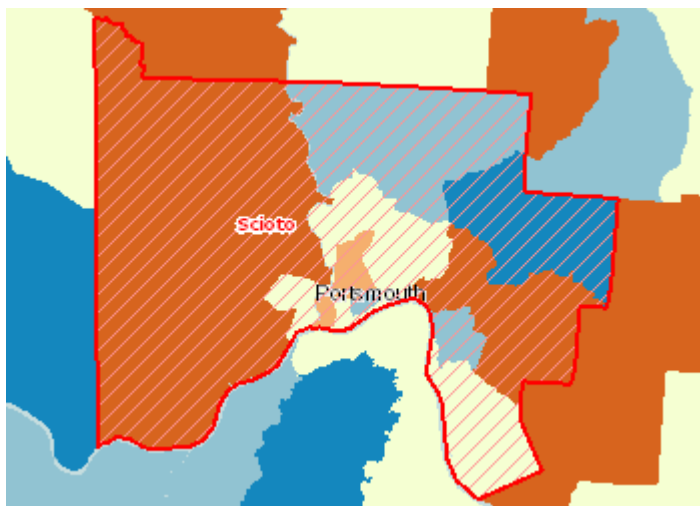
■ Over 50.0%  
■ 20.1 - 50.0%  
■ 5.1 - 20.0%  
■ Under 5.1%  
■ No Low Food Access  
 Report Area

## **Food Access - Modified Retail Food Environment Index**

This indicator reports the percentage of population living in census tracts with no or low access to healthy retail food stores. Figures are based on the CDC Modified Retail Food Environment Index. For this indicator, low food access tracts are considered those with index scores of 10.0 or less.

Report Area	Total Population	Percent Population in Tracts with No Food Outlet	Percent Population in Tracts with No Healthy Food Outlet	Percent Population in Tracts with Low Healthy Food Access	Percent Population in Tracts with Moderate Healthy Food Access	Percent Population in Tracts with High Healthy Food Access
Scioto County, OH	79,499	0%	30.18%	27.66%	36.71%	5.45%
Ohio	11,536,512	1.38%	24.87%	24.76%	42%	6.98%
United States	312,474,470	0.99%	18.63%	30.89%	43.28%	5.02%

Data Source: Centers for Disease Control and Prevention, Division of Nutrition, Physical Activity, and Obesity. 2011. Source geography: Tract



**Modified Retail Food Environmental Index Score by Tract, DNPAO 2011**

- Index Score Over 30 (High Access)
- Index Score 15 - 30 (Moderate Access)
- Index Score 5 - 15 (Low Access)
- Index Score Under 5 (Poor Access)
- No Healthy Retail Food Outlet (No Access)
- No Retail Food Outlets Present (Food Desert)
- Report Area

**Food Access - SNAP-Authorized Food Stores**

This indicator reports the number of SNAP-authorized food stores as a rate per 100,000 population. SNAP-authorized stores include grocery stores as well as supercenters, specialty food stores, and convenience stores that are authorized to accept SNAP (Supplemental

Nutrition Assistance Program) benefits.

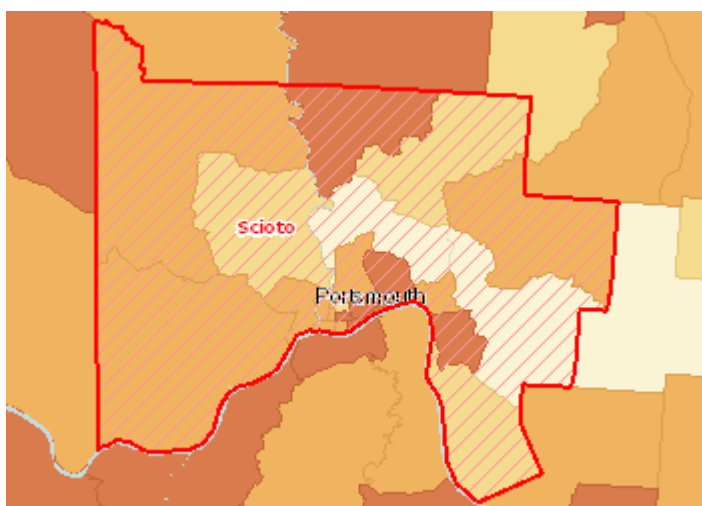
Report Area	Total Population	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers, Rate per 10,000 Population
Scioto County, OH	79,499	76	9.56
Ohio	11,536,504	9,530	8.26
United States	312,411,142	255,574	8.18

SNAP-Authorized Retailers, Rate (Per 10,000 Population)



- Scioto County, OH (9.56)
- Ohio (8.26)
- United States (8.18)

Data Source: US Department of Agriculture, Food and Nutrition Service, USDA - SNAP Retailer Locator. Additional data analysis by CARES. 2015. Source geography: Tract



SNAP-Authorized Retailers, Rate per 10,000 Population by Tract, USDA 2015

- Over 12.0
- 6.1 - 12.0
- Under 6.0
- No SNAP-Authorized Retailers
- No Population or No Data
- Report Area

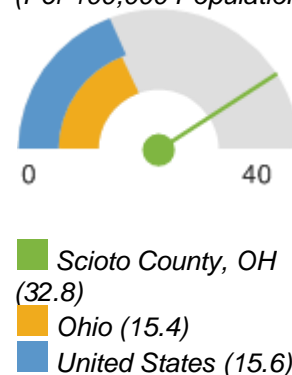
### **Food Access - WIC-Authorized Food Stores**

This indicator reports the number of food stores and other retail establishments per 100,000 population that are authorized to accept WIC Program (Special Supplemental Nutrition Program for Women, Infants, and Children) benefits and that carry designated WIC foods and food

categories. This indicator is relevant because it provides a measure of food security and healthy food access for women and children in poverty as well as environmental influences on dietary behaviors.

Report Area	Total Population (2011 Estimate)	Number WIC-Authorized Food Stores	WIC-Authorized Food Store Rate (Per 100,000 Pop.)
Scioto County, OH	79,277	26	32.8
Ohio	11,573,454	1,788	15.4
United States	318,921,538	50,042	15.6

WIC-Authorized Food Stores, Rate (Per 100,000 Population)



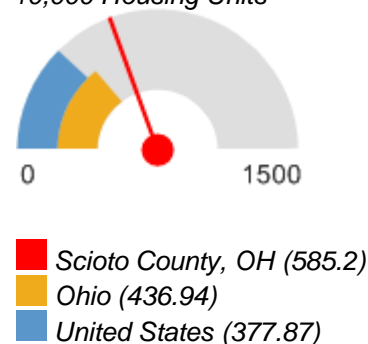
Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Environment Atlas. 2011. Source geography: County

## Housing - Assisted Housing

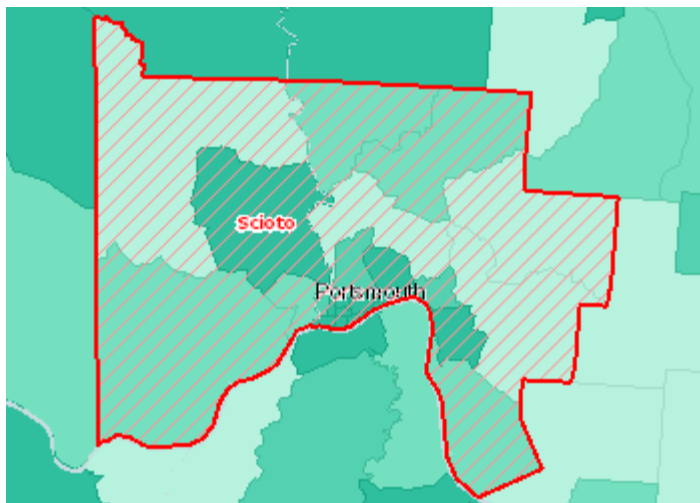
This indicator reports the total number of HUD-funded assisted housing units available to eligible renters as well as the unit rate (per 10,000 total households).

Report Area	Total Housing Units (2010)	Total HUD-Assisted Housing Units	HUD-Assisted Units, Rate per 10,000 Housing Units
Scioto County, OH	34,142	1,998	585.2
Ohio	5,127,508	224,043	436.94
United States	133,341,676	5,038,578	377.87

HUD-Assisted Units, Rate per 10,000 Housing Units



Data Source: US Department of Housing and Urban Development. 2015. Source geography: County



**Assisted Housing Units, All by Tract, HUD 2015**



**Assisted Housing Units - HUD Programs - by Assistance Program**

Report Area	Housing Choice Voucher Units	Project-Based Section 8 Units	Section 236 Units (Federal Housing Authority Projects)	Public Housing Authority Units	Section 202 Units (Supportive Housing for the Elderly)	Section 811 Units (Supportive Housing for Persons with Disabilities)	Other Multi-Family Program Units (RAP, SUP, Moderate Rehab, Etc.)
Scioto County, OH	460	633	0	886	0	19	0
Ohio	98,343	73,080	90	43,501	6,925	1,667	437
United States	2,447,016	1,231,377	45,514	1,119,864	123,980	34,299	36,527

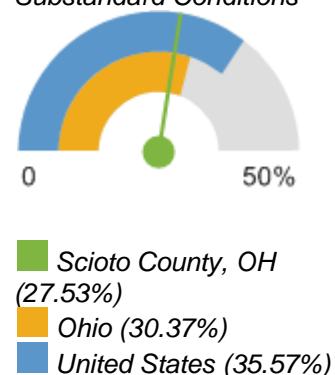
**Housing - Substandard Housing**

*This indicator reports the number and percentage of owner- and renter-occupied housing units having at least one of the following conditions: 1) lacking complete plumbing facilities, 2) lacking complete kitchen facilities, 3) with 1.01 or more occupants per room, 4) selected monthly owner costs as a percentage of household income greater than 30 percent, and 5) gross rent as a percentage of household income greater than 30 percent. Selected conditions provide information in assessing the quality of the housing inventory and its occupants. This data is*

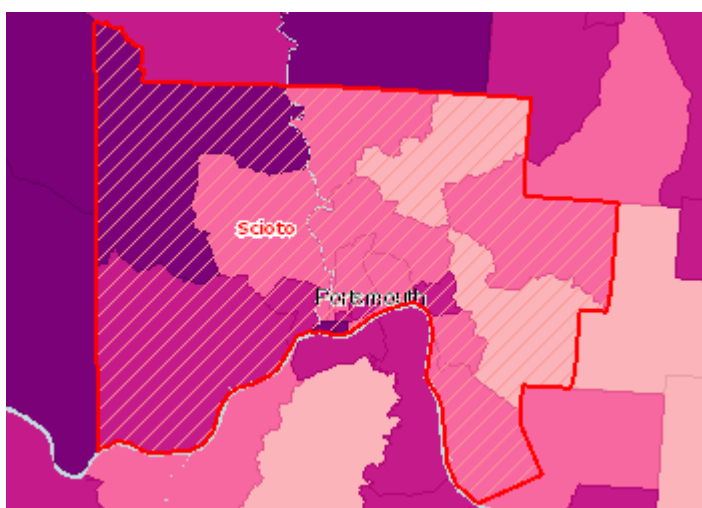
used to easily identify homes where the quality of living and housing can be considered substandard.

Report Area	Total Occupied Housing Units	Occupied Housing Units with One or More Substandard Conditions	Percent Occupied Housing Units with One or More Substandard Conditions
Scioto County, OH	29,558	8,136	27.53%
Ohio	4,570,015	1,388,104	30.37%
United States	116,211,088	41,333,888	35.57%

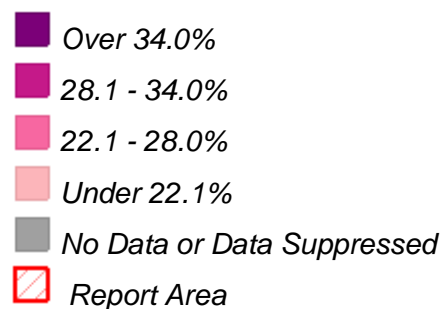
Percent Occupied Housing Units with One or More Substandard Conditions



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Substandard Housing Units, Percent of Total by Tract, ACS 2010-14**



**Substandard Housing: Number of Substandard Conditions Present**

Report Area	No Conditions	One Condition	Two or Three Conditions	Four Conditions
Scioto County, OH	72.47%	26.18%	1.34%	0%
Ohio	69.63%	29.21%	1.15%	0.01%
United States	64.43%	33.44%	2.12%	0.01%



**Substandard Housing: Households Lacking Complete Plumbing Facilities**

Complete plumbing facilities include: (a) hot and cold running water, (b) a flush toilet, and (c) a bathtub or shower. All three facilities must be located inside the house, apartment, or mobile home, but not necessarily in the same room. Housing units are classified as lacking complete plumbing facilities when any of the three facilities is not present.

Report Area	Total Occupied Housing Units	Housing Units Lacking Complete Plumbing Facilities	Housing Units Lacking Complete Plumbing Facilities, Percent
Scioto County, OH	29,558	236	0.8%
Ohio	4,570,015	19,123	0.42%
United States	116,211,088	537,459	0.46%

**Substandard Housing: Households Lacking Complete Kitchen Facilities**

A unit has complete kitchen facilities when it has all three of the following facilities: (a) a sink with a faucet, (b) a stove or range, and (c) a refrigerator. All kitchen facilities must be located in the house, apartment, or mobile home, but they need not be in the same room. A housing unit having only a microwave or portable heating equipment such as a hot plate or camping stove should not be considered as having complete kitchen facilities. An icebox is not considered to be a refrigerator.

Report Area	Total Occupied Housing Units	Housing Units Lacking Complete Kitchen Facilities	Housing Units Lacking Complete Kitchen Facilities, Percent
Scioto County, OH	34,100	1,353	3.97%
Ohio	5,135,173	213,048	4.15%
United States	132,741,032	3,966,466	2.99%

**Substandard Housing: Households Lacking Telephone Service**

A telephone must be in working order and service available in the house, apartment, or mobile home that allows the respondent to both make and receive calls. Households that have cell-

phones (no land-line) are counted as having telephone service available. Households whose service has been discontinued for nonpayment or other reasons are not counted as having telephone service available.

Report Area	Total Housing Units Lacking Telephone Service	Total Housing Units Lacking Telephone Service	Owner-Occupied Units Lacking Telephone Service	Owner-Occupied Units Lacking Telephone Service	Renter-Occupied Units Lacking Telephone Service	Renter-Occupied Units Lacking Telephone Service
Scioto County, OH	793	2.68%	370	1.82%	423	4.61%
Ohio	130,031	2.85%	55,544	1.82%	74,487	4.92%
United States	2,875,544	2.47%	1,157,901	1.55%	1,717,643	4.15%

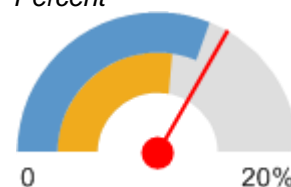
### **Housing - Vacancy Rate**

This indicator reports the number and percentage of housing units that are vacant. A housing unit is considered vacant by the American Community Survey if no one is living in it at the time of interview. Units occupied at the time of interview entirely by persons who are staying two months or less and who have a more permanent residence elsewhere are considered to be temporarily occupied, and are classified as “vacant.”

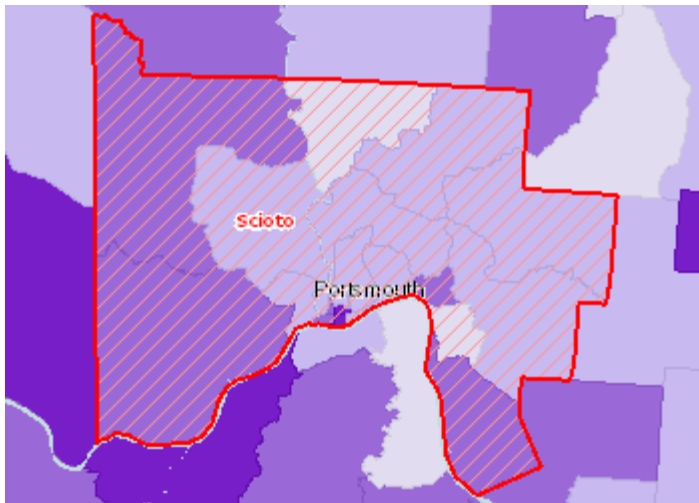
Report Area	Total Housing Units	Vacant Housing Units	Vacant Housing Units, Percent
Scioto County, OH	34,100	4,542	13.32%
Ohio	5,135,173	565,158	11.01%
United States	132,741,032	16,529,941	12.45%

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract

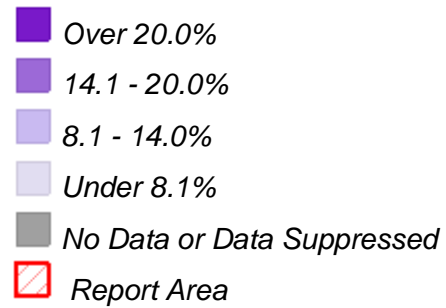
Vacant Housing Units, Percent



- Scioto County, OH (13.32%)
- Ohio (11.01%)
- United States (12.45%)



**Vacant Housing Units, Percent by Tract, ACS 2010-14**



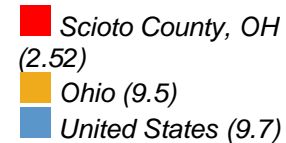
### **Recreation and Fitness Facility Access**

This indicator reports the number per 100,000 population of recreation and fitness facilities as defined by North American Industry Classification System (NAICS) Code 713940. This indicator is relevant because access to recreation and fitness facilities encourages physical activity and other healthy behaviors.

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Scioto County, OH	79,499	2	2.52
Ohio	11,536,504	1,099	9.5
United States	312,732,537	30,393	9.7

Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2013. Source geography: County

**Recreation and Fitness Facilities, Rate (Per 100,000 Population)**



***Recreation and Fitness Facilities,  
Rate per 100,000 Population by Year, 2008 through 2012***

<i>Report Area</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>
<i>Scioto County, OH</i>	<i>2.52</i>	<i>2.52</i>	<i>2.52</i>	<i>2.52</i>	<i>2.52</i>	<i>2.52</i>
<i>Ohio</i>	<i>10.32</i>	<i>10</i>	<i>9.97</i>	<i>9.79</i>	<i>9.84</i>	<i>9.53</i>
<i>United States</i>	<i>9.91</i>	<i>9.71</i>	<i>9.57</i>	<i>9.44</i>	<i>9.44</i>	<i>9.73</i>

## Clinical Care

A lack of access to care presents barriers to good health. The supply and accessibility of facilities and physicians, the rate of uninsured, financial hardship, transportation barriers, cultural competency, and coverage limitations affect access.

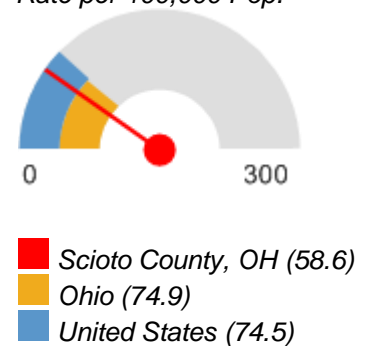
Rates of morbidity, mortality, and emergency hospitalizations can be reduced if community residents access services such as health screenings, routine tests, and vaccinations. Prevention indicators can call attention to a lack of access or knowledge regarding one or more health issues and can inform program interventions.

### **Access to Primary Care**

This indicator reports the number of primary care physicians per 100,000 population. Doctors classified as "primary care physicians" by the AMA include: General Family Medicine MDs and DOs, General Practice MDs and DOs, General Internal Medicine MDs and General Pediatrics MDs. Physicians age 75 and over and physicians practicing sub-specialties within the listed specialties are excluded. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Total Population, 2012	Primary Care Physicians, 2012	Primary Care Physicians, Rate per 100,000 Pop.
Scioto County, OH	78,477	46	58.6
Ohio	11,544,225	8,642	74.9
United States	313,914,040	233,862	74.5

Primary Care Physicians, Rate per 100,000 Pop.



Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2012. Source geography: County

### **Access to Primary Care, Rate (Per 100,000 Pop.) by Year, 2002 through 2011**

This indicator reports the rate of primary care physicians per 100,000 population by year. This figure represents all primary care physicians practicing patient care, including hospital residents. In counties with teaching hospitals, this figure may differ from the rate reported above.

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
-------------	------	------	------	------	------	------	------	------	------	------	------

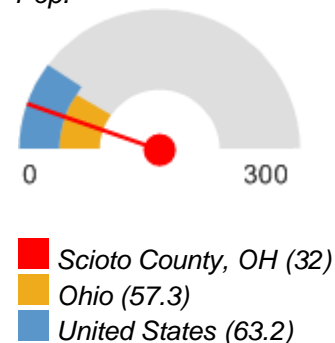
Scioto County, OH	52.54	51.64	49.32	50.94	49.71	47.39	43.09	49.78	52.83	55.5	58.62
Ohio	78.62	79.44	80	79.94	79.75	79.45	78.95	83.92	89.33	90.83	90.94
United States	79.41	80.99	80.76	80.94	80.54	80.38	80.16	82.22	84.57	85.83	86.66

### **Access to Dentists**

*This indicator reports the number of dentists per 100,000 population. This indicator includes all dentists - qualified as having a doctorate in dental surgery (D.D.S.) or dental medicine (D.M.D.), who are licensed by the state to practice dentistry and who are practicing within the scope of that license.*

Report Area	Total Population, 2013	Dentists, 2013	Dentists, Rate per 100,000 Pop.
Scioto County, OH	78,153	25	32
Ohio	11,570,808	6,626	57.3
United States	316,128,839	199,743	63.2

Dentists, Rate per 100,000 Pop.



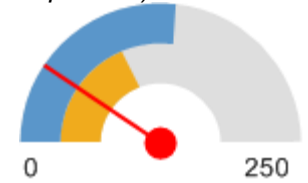
*Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2013. Source geography: County*

### **Access to Mental Health Providers**

*This indicator reports the rate of the county population to the number of mental health providers including psychiatrists, psychologists, clinical social workers, and counselors that specialize in mental health care.*

Report Area	Estimated Population	Number of Mental Health Providers	Ratio of Mental Health Providers to Population (1 Provider per x Persons)	Mental Health Care Provider Rate (Per 100,000 Population)
Scioto County, OH	82,071	39	2,104.4	47.5
Ohio	11,838,367	11,185	1,058.4	94.4
United States	318,306,896	426,991	745.5	134.1

Mental Health Care Provider Rate (Per 100,000 Population)



■ Scioto County, OH (47.5)  
■ Ohio (94.4)  
■ United States (134.1)

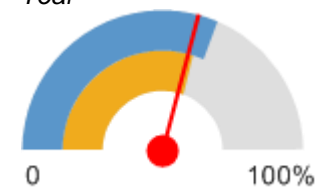
Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2014. Source geography: County

### **Cancer Screening - Mammogram**

This indicator reports the percentage of female Medicare enrollees, age 67-69, who have received one or more mammograms in the past two years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Medicare Enrollees	Female Medicare Enrollees Age 67-69	Female Medicare Enrollees with Mammogram in Past 2 Years	Percent Female Medicare Enrollees with Mammogram in Past 2 Year
Scioto County, OH	8,720	684	398	58.3%
Ohio	895,682	69,111	41,683	60.3%
United States	53,131,712	4,402,782	2,772,990	63%

Percent Female Medicare Enrollees with Mammogram in Past 2 Year



■ Scioto County, OH (58.3%)  
■ Ohio (60.3%)  
■ United States (63%)

Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2012. Source geography: County

## **Breast Cancer Screening by Year, 2008 through 2012**

Percent of Female Medicare Beneficiaries Age 67-69 with Mammogram in Past 2 Years

Report Area	2008	2009	2010	2011	2012
Scioto County, OH	59.54	58.63	53.08	52.49	58.33
Ohio	66.15	65.9	63.28	60.36	60.31
United States	65.64	65.87	65.37	62.9	62.98

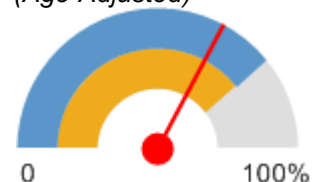
## **Cancer Screening - Pap Test**

This indicator reports the percentage of women aged 18 and older who self-report that they have had a Pap test in the past three years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Female Population Age 18	Estimated Number with Regular Pap Test	Crude Percentage	Age-Adjusted Percentage
Scioto County, OH	57,920	37,011	63.9%	65.6%
Ohio	7,461,618	5,775,292	77.4%	78.7%
United States	176,847,182	137,191,142	77.6%	78.5%

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County

Percent Adults Females Age 18 with Regular Pap Test (Age-Adjusted)



■ Scioto County, OH (65.6%)  
■ Ohio (78.7%)  
■ United States (78.5%)

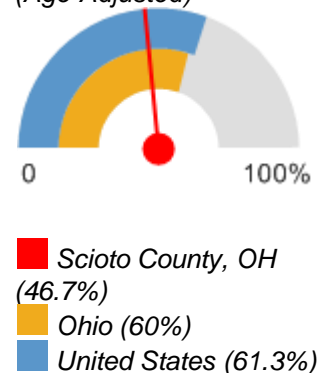
## **Cancer Screening - Sigmoidoscopy or Colonoscopy**



This indicator reports the percentage of adults 50 and older who self-report that they have ever had a sigmoidoscopy or colonoscopy. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population Age 50	Estimated Population Ever Screened for Colon Cancer	Crude Percentage	Age-Adjusted Percentage
Scioto County, OH	22,014	11,513	52.3%	46.7%
Ohio	3,019,058	1,892,949	62.7%	60%
United States	75,116,406	48,549,269	64.6%	61.3%

Percent Adults Screened for Colon Cancer (Age-Adjusted)



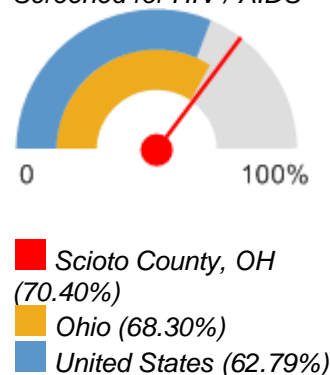
Data Source: CDC, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County

## HIV Screenings

This indicator reports the percentage of adults age 18-70 who self-report that they have never been screened for HIV. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Survey Population (Smokers Age 18 )	Total Adults Never Screened for HIV / AIDS	Percent Adults Never Screened for HIV / AIDS
Scioto County, OH	71,651	50,441	70.40%
Ohio	8,032,437	5,486,480	68.30%
United States	214,984,421	134,999,025	62.79%

Percent Adults Never Screened for HIV / AIDS



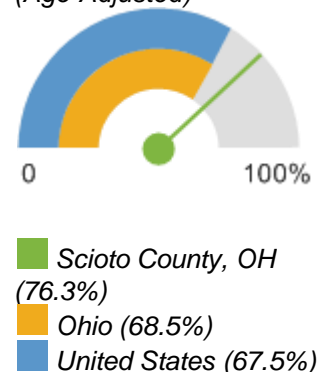
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

## ***Pneumonia Vaccination***

This indicator reports the percentage of adults aged 65 and older who self-report that they have ever received a pneumonia vaccine. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population Age 65	Estimated Population with Annual Pneumonia Vaccination	Crude Percentage	Age-Adjusted Percentage
Scioto County, OH	12,266	9,543	77.8%	76.3%
Ohio	1,606,860	1,102,306	68.6%	68.5%
United States	39,608,820	26,680,462	67.4%	67.5%

Percent Population Age 65 with Pneumonia Vaccination (Age-Adjusted)



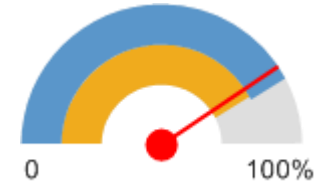
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County

## ***Diabetes Management - Hemoglobin A1c Test***

This indicator reports the percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test, a blood test which measures blood sugar levels, administered by a health care professional in the past year. In the report area, 1,164 Medicare enrollees with diabetes have had an annual exam out of 1,433 Medicare enrollees in the report area with diabetes, or 81.2%. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Medicare Enrollees	Medicare Enrollees with Diabetes	Medicare Enrollees with Diabetes with Annual Exam	Percent Medicare Enrollees with Diabetes with Annual Exam
Scioto County, OH	8,720	1,433	1,164	81.2%
Ohio	895,682	118,987	100,384	84.4%
United States	53,131,712	6,517,150	5,511,632	84.6%

Percent Medicare Enrollees with Diabetes with Annual Exam



- Scioto County, OH (81.2%)
- Ohio (84.4%)
- United States (84.6%)

Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2012. Source geography: County

### ***Diabetes Management by Year, 2008 through 2012***

Percent of Medicare Beneficiaries with Diabetes with Annual Hemoglobin A1c Test

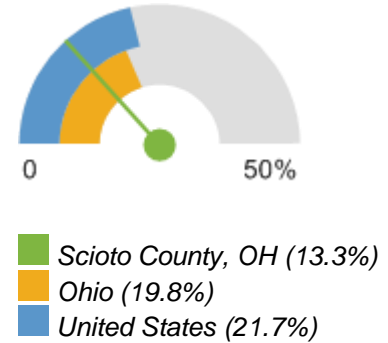
Report Area	2008	2009	2010	2011	2012
Scioto County, OH	73.18	78.17	79.61	79.78	81.23
Ohio	83.21	83.44	82.93	83.93	84.37
United States	82.71	83.52	83.81	84.18	84.57

### ***High Blood Pressure Management***

In the report area, 13.3% of adults, or 8,097, self-reported that they are not taking medication for their high blood pressure according to the CDC's Behavioral Risk Factor Surveillance System (2006-2010). This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. When considered with other indicators of poor health, this indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population (Age 18 )	Total Adults Not Taking Blood Pressure Medication (When Needed)	Percent Adults Not Taking Medication
Scioto County, OH	60,885	8,097	13.3%
Ohio	8,781,360	1,738,604	19.8%
United States	235,375,690	51,175,402	21.7%

Percent Adults with High Blood Pressure Not Taking Medication



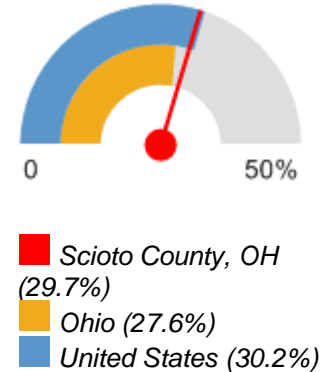
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2006-10. Source geography: County

### Dental Care Utilization

This indicator reports the percentage of adults aged 18 and older who self-report that they have not visited a dentist, dental hygienist or dental clinic within the past year. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population (Age 18)	Total Adults Without Recent Dental Exam	Percent Adults with No Dental Exam
Scioto County, OH	60,885	18,104	29.7%
Ohio	8,781,360	2,426,123	27.6%
United States	235,375,690	70,965,788	30.2%

Percent Adults Without Recent Dental Exam



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2006-10. Source geography: County

## **Federally Qualified Health Centers**

This indicator reports the number of Federally Qualified Health Centers (FQHCs) in the community. This indicator is relevant because FQHCs are community assets that provide health care to vulnerable populations; they receive extra funding from the federal government to promote access to ambulatory care in areas designated as medically underserved.

Report Area	Total Population	Number of Federally Qualified Health Centers	Rate of Federally Qualified Health Centers per 100,000 Population
Scioto County, OH	79,499	0	0
Ohio	11,536,504	0	0
United States	312,471,327	0	0

Note: This indicator is compared with the state average.

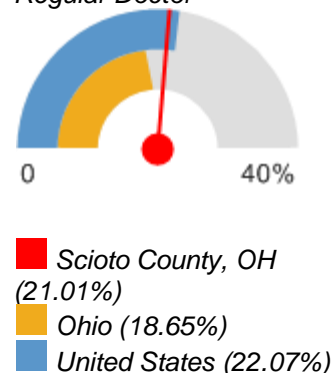
Data Source: US Department of Health Human Services, Center for Medicare Medicaid Services, Provider of Services File. Sept. 2015. Source geography: Address

## **Lack of a Consistent Source of Primary Care**

This indicator reports the percentage of adults aged 18 and older who self-report that they do not have at least one person who they think of as their personal doctor or health care provider. This indicator is relevant because access to regular primary care is important to preventing major health issues and emergency department visits.

Report Area	Survey Population (Adults Age 18 )	Total Adults Without Any Regular Doctor	Percent Adults Without Any Regular Doctor
Scioto County, OH	77,188	16,216	21.01%
Ohio	8,711,922	1,624,401	18.65%
United States	236,884,668	52,290,932	22.07%

Percent Adults Without Any Regular Doctor



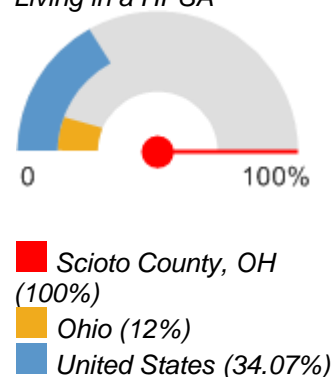
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES.

## **Population Living in a Health Professional Shortage Area**

This indicator reports the percentage of the population that is living in a geographic area designated as a "Health Professional Shortage Area" (HPSA), defined as having a shortage of primary medical care, dental or mental health professionals. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Total Area Population	Population Living in a HPSA	Percentage of Population Living in a HPSA
Scioto County, OH	79,499	79,499	100%
Ohio	11,536,504	1,384,646	12%
United States	308,745,538	105,203,742	34.07%

Percentage of Population Living in a HPSA



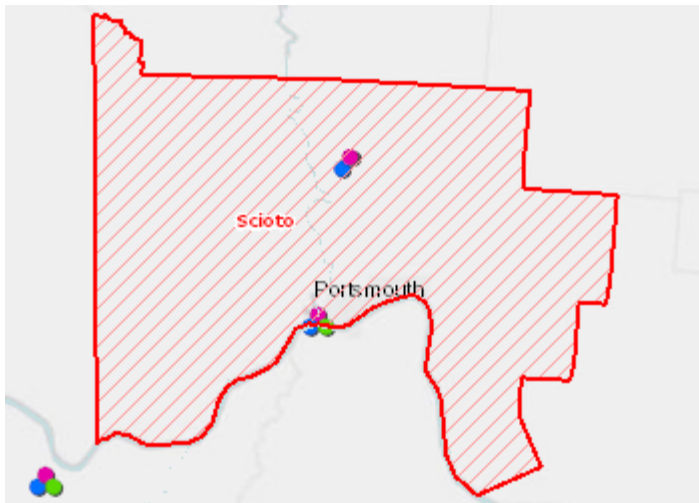
Data Source: US Department of Health Human Services, Health Resources and Services Administration, Health Resources and Services Administration. March 2015. Source geography: HPSA

## **Facilities Designated as Health Professional Shortage Areas**

This indicator reports the number and location of health care facilities designated as "Health Professional Shortage Areas" (HPSAs), defined as having shortages of primary medical care, dental or mental health providers. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Primary Care Facilities	Mental Health Care Facilities	Dental Health Care Facilities	Total HPSA Facility Designations
Scioto County, OH	2	2	1	5
Ohio	82	69	60	211
United States	3,427	3,060	2,915	8,810

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Health Resources and Services Administration. March 2015. Source geography: Address



**Facilities Designated as HPSAs ,  
HRSA HPSA Database March 2015**

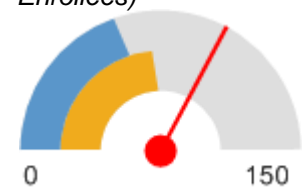
- Primary Care
- Mental Health
- Dental Care
- Report Area

### **Preventable Hospital Events**

This indicator reports the discharge rate (per 1,000 Medicare enrollees) for conditions that are ambulatory care sensitive (ACS). ACS conditions include pneumonia, dehydration, asthma, diabetes, and other conditions which could have been prevented if adequate primary care resources were available and accessed by those patients. This indicator is relevant because analysis of ACS discharges allows demonstrating a possible “return on investment” from interventions that reduce admissions (for example, for uninsured or Medicaid patients) through better access to primary care resources.

Report Area	Total Medicare Part A Enrollees	Ambulatory Care Sensitive Condition Hospital Discharges	Ambulatory Care Sensitive Condition Discharge Rate
Scioto County, OH	9,059	894	98.7
Ohio	987,597	70,817	71.7
United States	58,209,898	3,448,111	59.2

*Preventable Hospital Events, Age-Adjusted Discharge Rate (Per 1,000 Medicare Enrollees)*



- Scioto County, OH (98.7)
- Ohio (71.7)
- United States (59.2)

Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2012. Source geography: County

### ***Preventable Hospital Events by Year, 2008 through 2012***

*Rate of Ambulatory Care Sensitive Condition Discharges (per 1,000 Medicare Part A Beneficiaries)*

<i>Report Area</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>
<i>Scioto County, OH</i>	<i>126.29</i>	<i>111.87</i>	<i>120.05</i>	<i>117.32</i>	<i>98.69</i>
<i>Ohio</i>	<i>81</i>	<i>78.07</i>	<i>78.54</i>	<i>78.5</i>	<i>71.71</i>
<i>United States</i>	<i>70.5</i>	<i>68.16</i>	<i>66.58</i>	<i>64.92</i>	<i>59.29</i>



## Health Behaviors

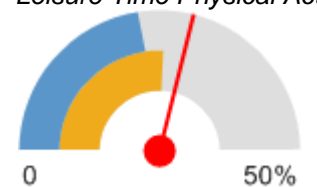
Health behaviors such as poor diet, a lack of exercise, and substance abuse contribute to poor health status.

### ***Physical Inactivity***

Within the report area, 17,690 or 28.9% of adults aged 20 and older self-report no leisure time for activity, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?". This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

Report Area	Total Population Age 20	Population with no Leisure Time Physical Activity	Percent Population with no Leisure Time Physical Activity
Scioto County, OH	58,967	17,690	28.9%
Ohio	8,563,244	2,254,246	25.5%
United States	231,341,061	53,415,737	22.6%

Percent Population with no Leisure Time Physical Activity



■ Scioto County, OH (28.9%)  
■ Ohio (25.5%)  
■ United States (22.6%)

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2012.  
Source geography: County

### ***Adults with No Leisure-Time Physical Activity by Gender***

Report Area	Total Males with No Leisure-Time Physical Activity	Percent Males with No Leisure-Time Physical Activity	Total Females with No Leisure-Time Physical Activity	Percent Females with No Leisure-Time Physical Activity
Scioto County, OH	8,084	27.5%	9,603	30%
Ohio	1,020,330	24.13%	1,233,900	26.63%
US	24,071,561	21.2%	29,344,293	23.94%

### ***Percent Adults Physically Inactive by Year, 2004 through 2012***

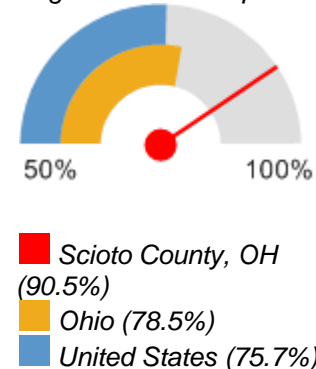
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012
Scioto County, OH	28.2%	29.7%	29.3%	29.9%	28.1%	30.3%	29.4%	27.7%	28.9%
Ohio	25.01%	24.91%	25.08%	25.61%	25.72%	26.19%	26.19%	25.34%	25.48%
United States	22.96%	22.82%	22.93%	23.2%	23.51%	23.67%	23.41%	22.47%	22.64%

### **Fruit/Vegetable Consumption**

*In the report area an estimated 53,113, or 90.5% of adults over the age of 18 are consuming less than 5 servings of fruits and vegetables each day. This indicator is relevant because current behaviors are determinants of future health, and because unhealthy eating habits may cause of significant health issues, such as obesity and diabetes.*

Report Area	Total Population (Age 18)	Total Adults with Inadequate Fruit / Vegetable Consumption	Percent Adults with Inadequate Fruit / Vegetable Consumption
Scioto County, OH	58,688	53,113	90.5%
Ohio	8,750,969	6,869,511	78.5%
United States	227,279,010	171,972,118	75.7%

Percent Adults with Inadequate Fruit / Vegetable Consumption



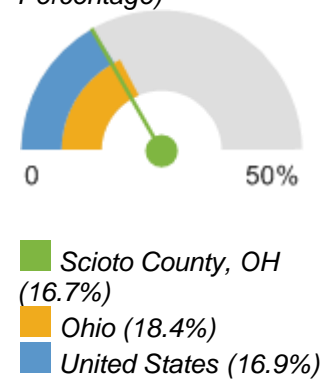
*Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2005-09. Source geography: County*

### **Alcohol Consumption**

*This indicator reports the percentage of adults aged 18 and older who self-report heavy alcohol consumption (defined as more than two drinks per day on average for men and one drink per day on average for women). This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as cirrhosis, cancers, and untreated mental and behavioral health needs.*

Report Area	Total Population Age 18	Estimated Adults Drinking Excessively	Estimated Adults Drinking Excessively (Crude Percentage)	Estimated Adults Drinking Excessively (Age-Adjusted Percentage)
Scioto County, OH	61,130	9,842	16.1%	16.7%
Ohio	8,781,360	1,536,738	17.5%	18.4%
United States	232,556,016	38,248,349	16.4%	16.9%

Estimated Adults Drinking Excessively (Age-Adjusted Percentage)



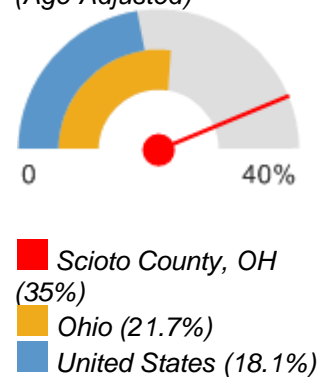
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County

### **Tobacco Usage - Current Smokers**

In the report area an estimated 20,723, or 33.9% of adults age 18 or older self-report currently smoking cigarettes some days or every day. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease.

Report Area	Total Population Age 18	Total Adults Regularly Smoking Cigarettes	Percent Population Smoking Cigarettes (Crude)	Percent Population Smoking Cigarettes (Age-Adjusted)
Scioto County, OH	61,130	20,723	33.9%	35%
Ohio	8,781,360	1,861,648	21.2%	21.7%
United States	232,556,016	41,491,223	17.8%	18.1%

Percent Population Smoking Cigarettes (Age-Adjusted)



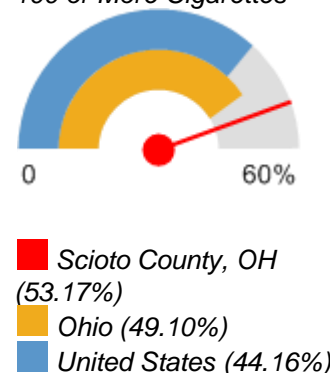
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County

## **Tobacco Usage - Former or Current Smokers**

In the report area, an estimated 41,044 adults, or 53.17%, report ever smoking 100 or more cigarettes. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease.

Report Area	Survey Population (Adults Age 18 )	Total Adults Ever Smoking 100 or More Cigarettes	Percent Adults Ever Smoking 100 or More Cigarettes
Scioto County, OH	77,189	41,044	53.17%
Ohio	8,618,849	4,232,005	49.10%
United States	235,151,778	103,842,020	44.16%

Percent Adults Ever Smoking 100 or More Cigarettes



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

## **Adults Ever Smoking 100 or More Cigarettes by Race / Ethnicity, Percent**

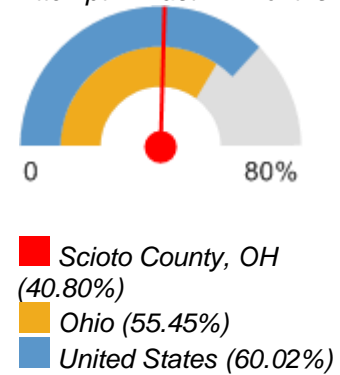
Report Area	White (Non-Hispanic)	Black (Non-Hispanic)	Other Race (Non-Hispanic)	Hispanic / Latino
Ohio	49.77%	46.23%	39.03%	40.41%
United States	48.52%	38.34%	31.3%	34.17%

## **Tobacco Usage - Quit Attempt**

An estimated 40.80% of adult smokers in the report area attempted to quit smoking for at least 1 day in the past year. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease and supporting efforts to quit smoking may increase positive health outcomes.

Report Area	Survey Population (Smokers Age 18 )	Total Smokers with Quit Attempt in Past 12 Months	Percent Smokers with Quit Attempt in Past 12 Months
Scioto County, OH	21,468	8,760	40.80%
Ohio	2,073,238	1,149,585	55.45%
United States	45,526,654	27,323,073	60.02%

Percent Smokers with Quit Attempt in Past 12 Months



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

**Adult Smokers with Quit Attempt in Past 1 Year by Race / Ethnicity, Percent**

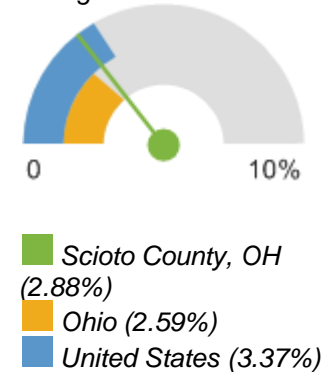
Report Area	White (Non-Hispanic)	Black (Non-Hispanic)	Other Race (Non-Hispanic)	Hispanic / Latino
Ohio	54.3%	64.96%	49.87%	44.45%
United States	56.63%	70.87%	62.26%	65.83%

**Walking or Biking to Work**

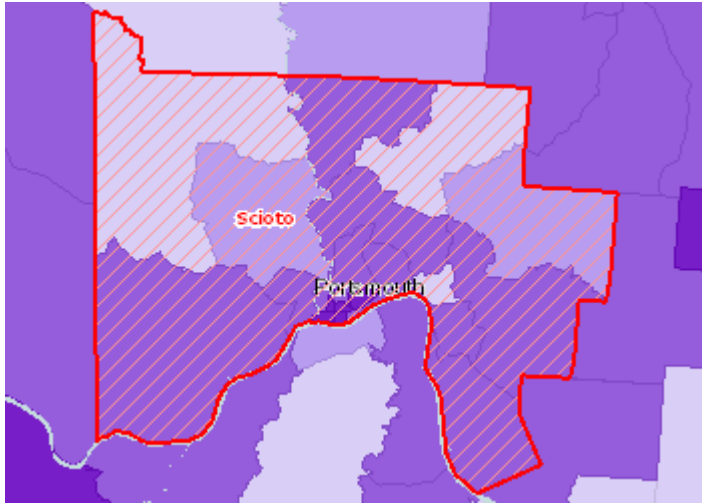
This indicator reports the percentage of the population that commutes to work by either walking or riding a bicycle.

Report Area	Population Age 16	Population Walking or Biking to Work	Percentage Walking or Biking to Work
Scioto County, OH	27,108	782	2.88%
Ohio	5,199,477	134,912	2.59%
United States	141,337,152	4,764,868	3.37%

Percentage Walking or Biking to Work



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract



**Workers Traveling to Work by Walking/Biking, Percent by Tract, ACS 2010-14**

- Over 4.0%
- 1.1 - 4.0%
- 0.1 - 1.0%
- No Workers Walking or Biking
- No Data or Data Suppressed
- Report Area

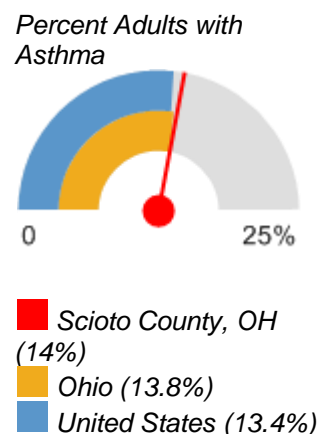
## Health Outcomes

Measuring morbidity and mortality rates allows assessing linkages between social determinants of health and outcomes. By comparing, for example, the prevalence of certain chronic diseases to indicators in other categories (e.g., poor diet and exercise) with outcomes (e.g., high rates of obesity and diabetes), various causal relationship may emerge, allowing a better understanding of how certain community health needs may be addressed.

### **Asthma Prevalence**

This indicator reports the percentage of adults aged 18 and older who self-report that they have ever been told by a doctor, nurse, or other health professional that they had asthma. This indicator is relevant because asthma is a prevalent problem in the U.S. that is often exacerbated by poor environmental conditions.

Report Area	Survey Population (Adults Age 18 )	Total Adults with Asthma	Percent Adults with Asthma
Scioto County, OH	77,189	10,787	14%
Ohio	8,728,806	1,204,472	13.8%
United States	237,197,465	31,697,608	13.4%



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12.  
Source geography: County

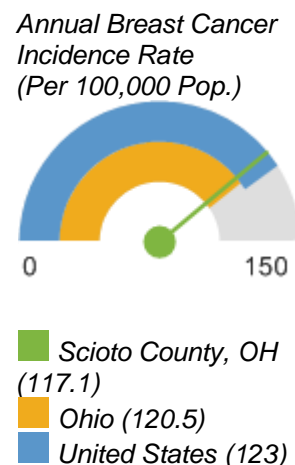
### **Adults Ever Diagnosed with Asthma by Race / Ethnicity, Percent**

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Ohio	13.09%	16.39%	16.45%	18.32%
United States	13.19%	15.75%	11.9%	12.02%

### **Cancer Incidence - Breast**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with breast cancer adjusted to 2000 U.S. standard population age groups (Under Age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Sample Population (Female)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Scioto County, OH	5,038	59	117.1
Ohio	708,796	8,541	120.5
United States	17,902,845	220,205	123

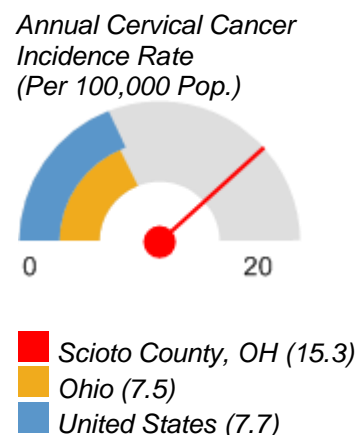


Data Source: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles. 2008-12. Source geography: County

### **Cancer Incidence - Cervical**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with cervical cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Sample Population (Female)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Scioto County, OH	3,921	6	15.3
Ohio	610,666	458	7.5
US	16,202,597	12,476	7.7
<a href="#">HP 2020 Target</a>			<= 7.1



Data Source: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles. 2008-12. Source geography: County

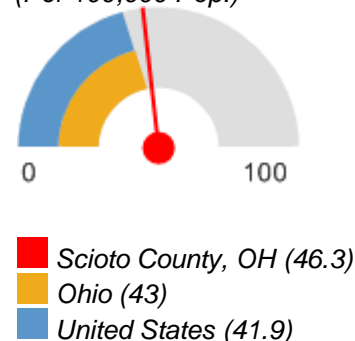


## **Cancer Incidence - Colon and Rectum**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Sample Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Scioto County, OH	9,719	45	46.3
Ohio	1,334,418	5,738	43
United States	33,516,229	140,433	41.9
<a href="#">HP 2020 Target</a>			<= 38.7

Annual Colon and Rectum Cancer Incidence Rate (Per 100,000 Pop.)



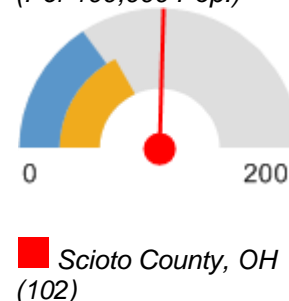
Data Source: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles. 2008-12. Source geography: County

## **Cancer Incidence - Lung**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Sample Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Scioto County, OH	9,607	98	102
Ohio	1,341,201	9,603	71.6
US	33,565,463	213,812	63.7

Annual Lung Cancer Incidence Rate (Per 100,000 Pop.)



Data Source: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles. 2008-12. Source geography: County

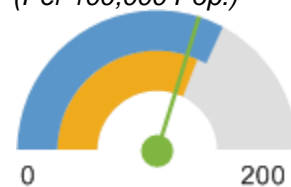
Ohio (71.6)  
United States (63.7)

### Cancer Incidence - Prostate

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of males with prostate cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Sample Population (Male)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Scioto County, OH	4,424	53	119.8
Ohio	625,806	7,954	127.1
United States	15,967,881	210,297	131.7

Annual Prostate Cancer Incidence Rate (Per 100,000 Pop.)



Scioto County, OH (119.8)  
Ohio (127.1)  
United States (131.7)

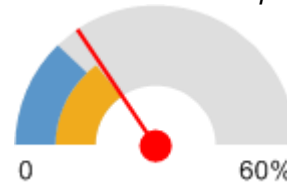
Data Source: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles. 2008-12. Source geography: County

### Depression (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with depression.

Report Area	Total Medicare Beneficiaries	Beneficiaries with Depression	Percent with Depression
Scioto County, OH	12,667	2,372	18.7%
Ohio	1,201,298	216,921	18.1%
United States	34,126,305	5,271,176	15.4%

Percentage of Medicare Beneficiaries with Depression



Scioto County, OH (18.7%)  
Ohio (18.1%)  
United States (15.4%)

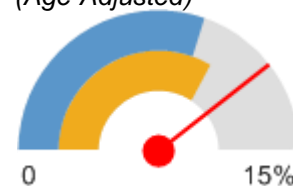
Data Source: Centers for Medicare and Medicaid Services. 2012. Source geography: County

## Diabetes (Adult)

This indicator reports the percentage of adults aged 20 and older who have ever been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S.; it may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Total Population Age 20	Population with Diagnosed Diabetes	Population with Diagnosed Diabetes, Crude Rate	Population with Diagnosed Diabetes, Age-Adjusted Rate
Scioto County, OH	58,917	7,777	13.2	11.8%
Ohio	8,569,053	970,840	11.33	10.14%
United States	234,058,710	23,059,940	9.85	9.11%

Percent Adults with Diagnosed Diabetes (Age-Adjusted)



■ Scioto County, OH (11.8%)  
■ Ohio (10.14%)  
■ United States (9.11%)

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2012.  
Source geography: County

## Adults with Diagnosed Diabetes by Gender

Report Area	Total Males with Diabetes	Percent Males with Diabetes	Total Females with Diabetes	Percent Females with Diabetes
Scioto County, OH	3,509	11.4%	3,552	10.2%
Ohio	446,514	10.2%	472,501	9.48%
United States	10,907,085	9.62%	10,574,108	8.28%

## Percent Adults with Diagnosed Diabetes by Year, 2004 through 2012

Report Area	2004	2005	2006	2007	2008	2009	2010	2011
Scioto County, OH	7.7%	7.7%	8.4%	9.4%	9.9%	10.2%	10.8%	11.1%

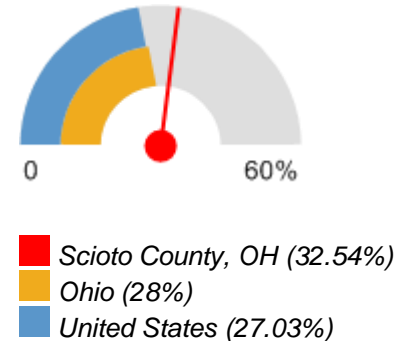
Ohio	8.29%	8.13%	8.99%	9.48%	9.86%	9.86%	9.81%	10.12%
United States	7.31%	7.58%	8.04%	8.33%	8.55%	8.72%	8.89%	9.03%

### ***Diabetes (Medicare Population)***

*This indicator reports the percentage of the Medicare fee-for-service population with diabetes.*

Report Area	Total Medicare Beneficiaries	Beneficiaries with Diabetes	Percent with Diabetes
Scioto County, OH	12,667	4,122	32.54%
Ohio	1,201,298	336,342	28%
United States	34,126,305	9,224,278	27.03%

*Percentage of Medicare Beneficiaries with Diabetes*



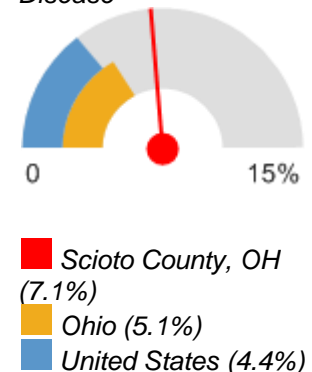
*Data Source: Centers for Medicare and Medicaid Services. 2012.  
Source geography: County*

### ***Heart Disease (Adult)***

*5,423, or 7.1% of adults aged 18 and older have ever been told by a doctor that they have coronary heart disease or angina. This indicator is relevant because coronary heart disease is a leading cause of death in the U.S. and is also related to high blood pressure, high cholesterol, and heart attacks.*

Report Area	Survey Population (Adults Age 18 )	Total Adults with Heart Disease	Percent Adults with Heart Disease
Scioto County, OH	76,669	5,423	7.1%
Ohio	8,694,297	447,154	5.1%
United States	236,406,904	10,407,185	4.4%

*Percent Adults with Heart Disease*



*Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES.*

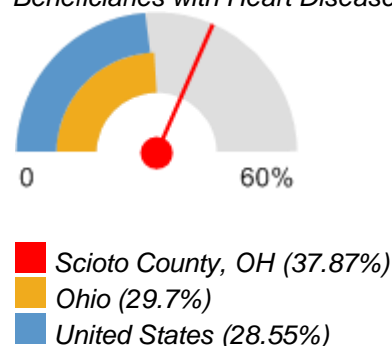
2011-12. Source geography: County

### ***Heart Disease (Medicare Population)***

This indicator reports the percentage of the Medicare fee-for-service population with ischemic heart disease.

Report Area	Total Medicare Beneficiaries	Beneficiaries with Heart Disease	Percent with Heart Disease
Scioto County, OH	12,667	4,797	37.87%
Ohio	1,201,298	356,805	29.7%
United States	34,126,305	9,744,058	28.55%

Percentage of Medicare Beneficiaries with Heart Disease



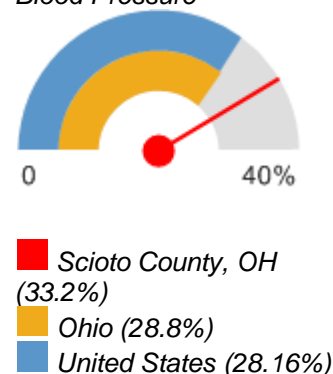
Data Source: Centers for Medicare and Medicaid Services. 2012.  
Source geography: County

### ***High Blood Pressure (Adult)***

20,295, or 33.2% of adults aged 18 and older have ever been told by a doctor that they have high blood pressure or hypertension.

Report Area	Total Population (Age 18 )	Total Adults with High Blood Pressure	Percent Adults with High Blood Pressure
Scioto County, OH	61,130	20,295	33.2%
Ohio	8,781,360	2,529,032	28.8%
United States	232,556,016	65,476,522	28.16%

Percent Adults with High Blood Pressure



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2006-12. Source geography: County

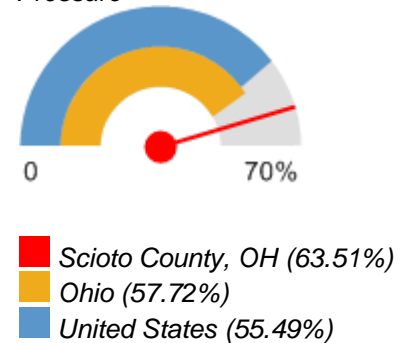
## ***High Blood Pressure (Medicare Population)***

*This indicator reports the percentage of the Medicare fee-for-service population with hypertension (high blood pressure).*

<i>Report Area</i>	<i>Total Medicare Beneficiaries</i>	<i>Beneficiaries with High Blood Pressure</i>	<i>Percent with High Blood Pressure</i>
<i>Scioto County, OH</i>	<i>12,667</i>	<i>8,045</i>	<i>63.51%</i>
<i>Ohio</i>	<i>1,201,298</i>	<i>693,375</i>	<i>57.72%</i>
<i>United States</i>	<i>34,126,305</i>	<i>18,936,118</i>	<i>55.49%</i>

*Data Source: Centers for Medicare and Medicaid Services. 2012.  
Source geography: County*

*Percentage of Medicare Beneficiaries with High Blood Pressure*



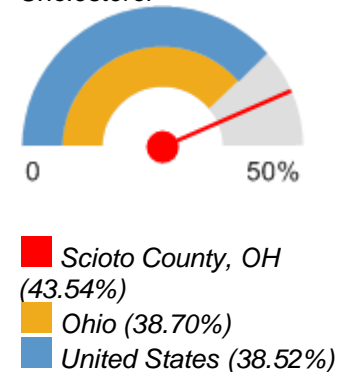
## ***High Cholesterol (Adult)***

*This indicator reports the percentage of adults aged 18 and older who self-report that they have ever been told by a doctor, nurse, or other health professional that they had high blood cholesterol.*

<i>Report Area</i>	<i>Survey Population (Adults Age 18 )</i>	<i>Total Adults with High Cholesterol</i>	<i>Percent Adults with High Cholesterol</i>
<i>Scioto County, OH</i>	<i>70,684</i>	<i>30,776</i>	<i>43.54%</i>
<i>Ohio</i>	<i>6,699,765</i>	<i>2,592,573</i>	<i>38.70%</i>
<i>United States</i>	<i>180,861,326</i>	<i>69,662,357</i>	<i>38.52%</i>

*Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES.*

*Percent Adults with High Cholesterol*



2011-12. Source geography: County

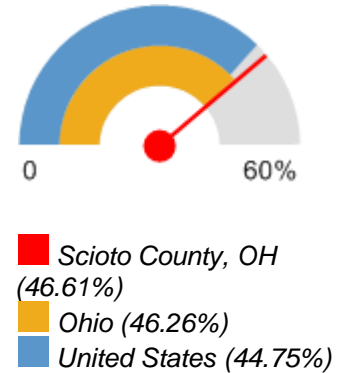
## High Cholesterol (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with hyperlipidemia, which is typically associated with high cholesterol.

Report Area	Total Medicare Beneficiaries	Beneficiaries with High Cholesterol	Percent with High Cholesterol
Scioto County, OH	12,667	5,904	46.61%
Ohio	1,201,298	555,751	46.26%
United States	34,126,305	15,273,052	44.75%

Data Source: Centers for Medicare and Medicaid Services. 2012.  
Source geography: County

Percentage of Medicare Beneficiaries with High Cholesterol



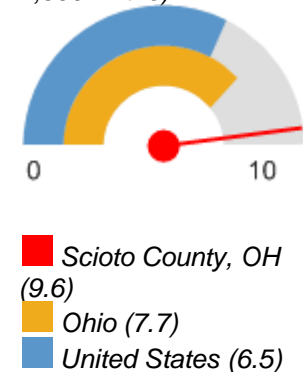
## Infant Mortality

This indicator reports the rate of deaths to infants less than one year of age per 1,000 births. This indicator is relevant because high rates of infant mortality indicate the existence of broader issues pertaining to access to care and maternal and child health.

Report Area	Total Births	Total Infant Deaths	Infant Mortality Rate (Per 1,000 Births)
Scioto County, OH	4,770	46	9.6
Ohio	732,945	5,644	7.7
United States	20,913,535	136,369	6.5
<a href="#">HP 2020 Target</a>			<= 6.0

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. Centers for Disease

Infant Mortality Rate (Per 1,000 Births)

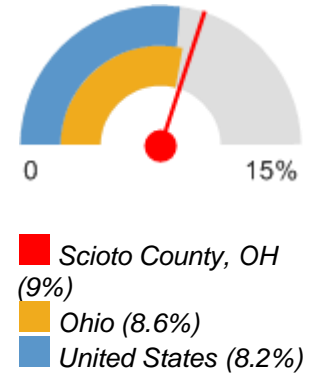


**Low Birth Weight**

This indicator reports the percentage of total births that are low birth weight (Under 2500g). This indicator is relevant because low birth weight infants are at high risk for health problems. This indicator can also highlight the existence of health disparities.

Report Area	Total Live Births	Low Weight Births (Under 2500g)	Low Weight Births, Percent of Total
Scioto County, OH	6,923	623	9%
Ohio	1,042,153	89,625	8.6%
United States	29,300,495	2,402,641	8.2%
<a href="#">HP 2020 Target</a>			<= 7.8%

Percent Low Birth Weight Births



Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2006-12. Source geography: County

**Babies Born with Low Birth Weight, Percent by Time Period, 2002-2008 through 2006-2012**

Report Area	2002-2008	2003-2009	2004-2010	2005-2011	2006-2012
Scioto County, OH	9.7%	9.5%	9.4%	9.3%	9%
Ohio	8.6%	8.6%	8.6%	8.7%	8.6%
United States	8.1%	8.1%	8.2%	8.2%	8.2%

**Mortality - Cancer**

This indicator reports the rate of death due to malignant neoplasm (cancer) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000



standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Scioto County, OH	78,929	198	250.4	203.8
Ohio	11,545,077	25,124	217.6	184.6
United States	311,430,373	577,313	185.4	168.9
<a href="#">HP 2020 Target</a>				<= 160.6

Cancer Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



- Scioto County, OH (203.8)
- Ohio (184.6)
- United States (168.9)

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2009-13. Source geography: County

**Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender**

Report Area	Male	Female
Scioto County, OH	256.3	166
Ohio	223.7	157.4
United States	204	143.9

**Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity**

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Scioto County, OH	207.1	no data	no data	no data	no data

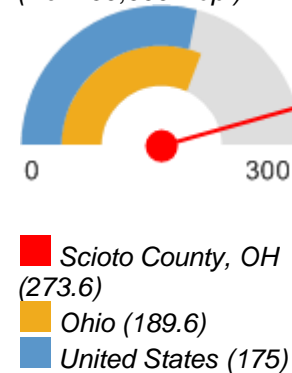
Ohio	183.8	212.8	96.6	54.7	95.7
United States	173	202.7	105	113.4	117.4

### ***Mortality - Heart Disease***

Within the report area the rate of death due to coronary heart disease per 100,000 population is 273.6. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because heart disease is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Scioto County, OH	78,929	265	336.25	273.6
Ohio	11,545,077	26,244	227.32	189.6
United States	311,430,373	600,899	192.95	175

Heart Disease Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2009-13. Source geography: County

### ***Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender***

Report Area	Male	Female
Scioto County, OH	335.2	222.2
Ohio	238.6	151.9
United States	220.1	139.6

### ***Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity***

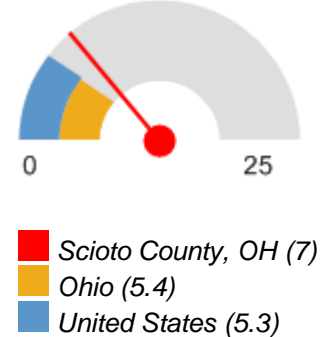
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Scioto County, OH	274.9	385.7	no data	no data	no data
Ohio	187.9	217.7	85.1	63.1	99.8
US	176.4	223.1	96.1	124.4	126.6

### **Mortality - Homicide**

This indicator reports the rate of death due to assault (homicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummared for report areas from county level data, only where data is available. This indicator is relevant because homicide rate is a measure of poor community safety and is a leading cause of premature death.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Scioto County, OH	78,929	5	6.8	7
Ohio	11,545,077	602	5.2	5.4
United States	311,430,373	16,421	5.3	5.3
<a href="#">HP 2020 Target</a>				<= 5.5

Homicide, Age-Adjusted Death Rate (Per 100,000 Pop.)



Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2009-13. Source geography: County

### **Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender**

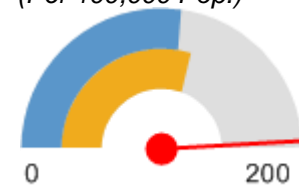
Report Area	Male	Female
Scioto County, OH	10.9	no data
Ohio	8.5	2.3
United States	8.4	2.3

## **Mortality - Ischemic Heart Disease**

Within the report area the rate of death due to coronary heart disease per 100,000 population is 196. This rate is greater than the Healthy People 2020 target of less than or equal to 103.4. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because heart disease is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Scioto County, OH	78,929	190	241.2	196
Ohio	11,545,077	16,593	143.7	119.8
United States	311,430,373	376,572	120.9	109.5
<a href="#">HP 2020 Target</a>				<= 103.4

Coronary Heart Disease Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



■ Scioto County, OH (196)  
■ Ohio (119.8)  
■ United States (109.5)

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2009-13.  
Source geography: County

## **Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender**

Report Area	Male	Female
Scioto County, OH	244.6	156.9
Ohio	160.9	89
United States	146.2	81.3

## **Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity**

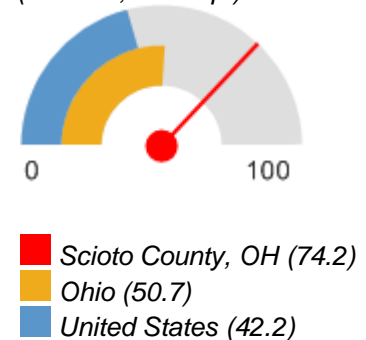
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Scioto County, OH	197.4	no data	no data	no data	no data
Ohio	120.7	120.1	53.9	45.3	64.1
United States	111.3	128.6	64.1	81.7	86

### ***Mortality - Lung Disease***

*This indicator reports the rate of death due to chronic lower respiratory disease per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because lung disease is a leading cause of death in the United States.*

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Scioto County, OH	78,929	73	92.49	74.2
Ohio	11,545,077	6,886	59.65	50.7
United States	311,430,373	142,214	45.66	42.2

*Lung Disease Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)*



*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2009-13. Source geography: County*

### ***Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender***

Report Area	Male	Female
Scioto County, OH	85.5	67.5
Ohio	57.3	46.6

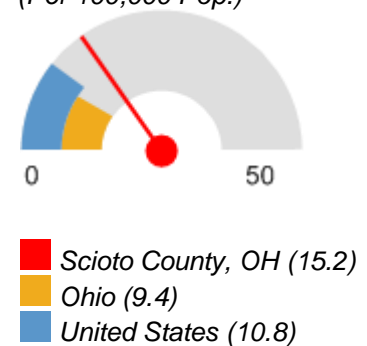
United States	48.3	38.2
---------------	------	------

### **Mortality - Motor Vehicle Crashes**

This indicator reports the rate of death due to motor vehicle crashes per 100,000 population, which include collisions with another motor vehicle, a non-motorist, a fixed object, and a non-fixed object, an overturn, and any other non-collision. This indicator is relevant because motor vehicle crash deaths are preventable and they are a cause of premature death.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Scioto County, OH	78,929	12	15.7	15.2
Ohio	11,545,077	1,111	9.6	9.4
United States	311,430,373	34,139	11	10.8

Motor Vehicle Crash Death, Age-Adjusted Death Rate (Per 100,000 Pop.)



Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2009-13. Source geography: County

### **Motor Vehicle Crash Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender**

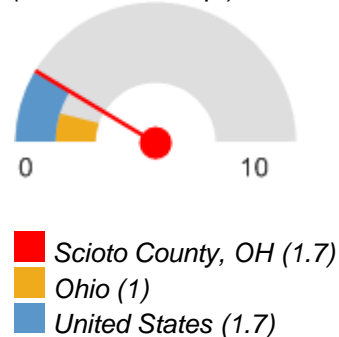
Report Area	Male	Female
Scioto County, OH	22.5	no data
Ohio	13.4	5.7
United States	15.5	6.2

## ***Mortality - Pedestrian Accident***

*This indicator reports the crude rate of pedestrians killed by motor vehicles per 100,000 population. This indicator is relevant because pedestrian-motor vehicle crash deaths are preventable and they are a cause of premature death.*

Report Area	Total Population (2010)	Total Pedestrian Deaths, 2011-2013	Average Annual Deaths, Rate per 100,000 Pop.
Scioto County, OH	79,499	4	1.7
Ohio	11,536,504	333	1
United States	312,732,537	15,591	1.7
<a href="#">HP 2020 Target</a>			<= 1.3

*Pedestrian Motor Vehicle Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)*



*Data Source: US Department of Transportation, NHTSA, Fatality Analysis Reporting System. 2011-13. Source geography: County*

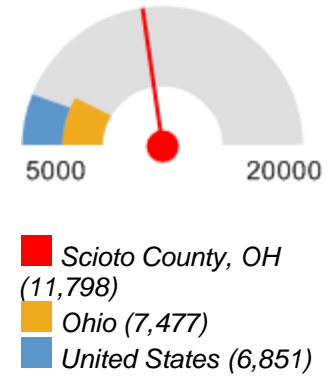
## ***Mortality - Premature Death***

*This indicator reports Years of Potential Life Lost (YPLL) before age 75 per 100,000 population for all causes of death, age-adjusted to the 2000 standard. YPLL measures premature death and is calculated by subtracting the age of death from the 75 year benchmark. This indicator is relevant because a measure of premature death can provide a unique and comprehensive look at overall health status.*

Report Area	Total Population, 2008-2010 Average	Total Premature Deaths, 2008-2010 Average	Total Years of Potential Life Lost, 2008-2010 Average	Years of Potential Life Lost, Rate per

*Years of Potential Life Lost, Rate per 100,000 Population*

				100,000 Population
Scioto County, OH	79,277	468	9,353	11,798
Ohio	11,544,951	46,123	863,271	7,477
United States	311,616,188	1,074,667	21,327,690	6,851



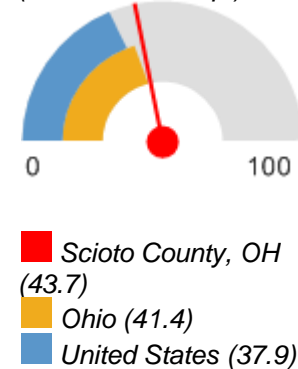
Data Source: University of Wisconsin Population Health Institute, County Health Rankings. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2008-10. Source geography: County

## **Mortality - Stroke**

Within the report area there are an estimated 43.7 deaths due to cerebrovascular disease (stroke) per 100,000 population. This is greater than the Healthy People 2020 target of less than or equal to 33.8. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age- Adjusted Death Rate (Per 100,000 Pop.)
Scioto County, OH	78,929	42	53.5	43.7
Ohio	11,545,077	5,700	49.4	41.4
United States	311,430,373	128,955	41.4	37.9
<a href="#">HP 2020 Target</a>				<= 33.8

Stroke Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2009-13. Source geography: County

## **Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender**



Report Area	Male	Female
Scioto County, OH	42	44.1
Ohio	42	40.4
United States	38.1	37.1

### **Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity**

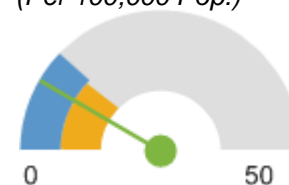
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Scioto County, OH	43.8	no data	no data	no data	no data
Ohio	40.1	54.7	33.9	no data	26.7
United States	36.7	52.4	31.5	26.7	30.8

### **Mortality - Suicide**

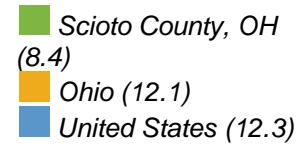
*This indicator reports the rate of death due to intentional self-harm (suicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health.*

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Scioto County, OH	78,929	7	8.9	8.4

*Suicide, Age-Adjusted Death Rate (Per 100,000 Pop.)*



Ohio	11,545,077	1,430	12.4	12.1
United States	311,430,373	39,308	12.6	12.3
<a href="#">HP 2020 Target</a>				<= 10.2



Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2009-13. Source geography: County

### ***Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender***

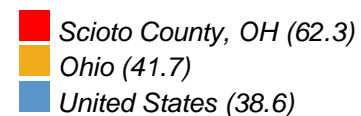
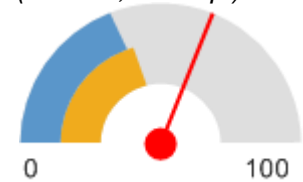
Report Area	Male	Female
Scioto County, OH	15.3	no data
Ohio	19.9	4.9
United States	19.9	5.2

### ***Mortality - Unintentional Injury***

This indicator reports the rate of death due to unintentional injury (accident) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because accidents are a leading cause of death in the U.S.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Scioto County, OH	78,929	50	63.85	62.3
Ohio	11,545,077	5,066	43.88	41.7
United States	311,430,373	124,733	40.05	38.6

*Unintentional Injury (Accident) Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)*



<a href="#">HP 2020 Target</a>				<= 36.0
--------------------------------	--	--	--	---------

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2009-13.  
 Source geography: County

**Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender**

Report Area	Male	Female
Scioto County, OH	79.7	46.2
Ohio	55.7	28.9
United States	52.3	26

**Drug overdose**

Report Area	Crude Rate	Age-adjusted Rate
Scioto County	27.5	29.4
Ohio	16.3	16.7

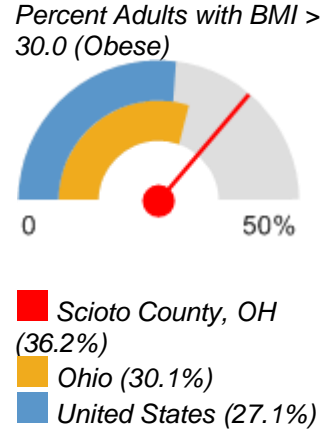
Source [www.healthyohio.gov](http://www.healthyohio.gov), 2009-14 data

Scioto County's drug overdose rate is 1.8 time that of the state.

**Obesity**

36.2% of adults aged 20 and older self-report that they have a Body Mass Index (BMI) greater than 30.0 (obese) in the report area. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Total Population Age 20	Adults with BMI > 30.0 (Obese)	Percent Adults with BMI > 30.0 (Obese)
Scioto County, OH	59,063	21,440	36.2%
Ohio	8,561,233	2,609,274	30.1%
United States	231,417,834	63,336,403	27.1%



Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2012.  
 Source geography: County

**Adults Obese (BMI > 30.0) by Gender**

Report Area	Total Males Obese	Percent Males Obese	Total Females Obese	Percent Females Obese
Scioto County, OH	10,584	36.6%	10,856	35.8%
Ohio	1,271,375	30.4%	1,337,891	29.74%
United States	31,423,447	27.7%	31,912,963	26.59%

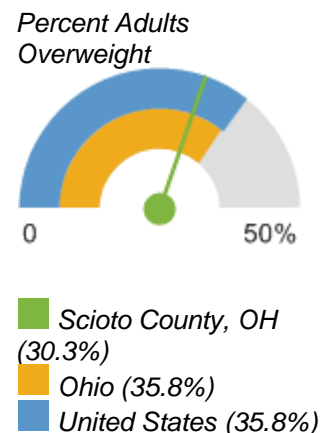
### ***Percent Adults Obese (BMI > 30.0) by Year, 2004 through 2012***

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012
Scioto County, OH	26.3%	27.24%	30.2%	32.4%	31.3%	33.7%	35.4%	36.7%	36.2%
Ohio	25.67%	26.09%	27.57%	28.85%	29.21%	30.03%	29.75%	29.78%	30.08%
United States	23.07%	23.79%	24.82%	25.64%	26.36%	27.35%	27.29%	27.19%	27.14%

### ***Overweight***

30.3% of adults aged 18 and older self-report that they have a Body Mass Index (BMI) between 25.0 and 30.0 (overweight) in the report area. Excess weight may indicate an unhealthy lifestyle and puts individuals at rest for further health issues.

Report Area	Survey Population (Adults Age 18 )	Total Adults Overweight	Percent Adults Overweight
Scioto County, OH	75,603	22,896	30.3%
Ohio	8,300,105	2,971,608	35.8%
United States	224,991,207	80,499,532	35.8%



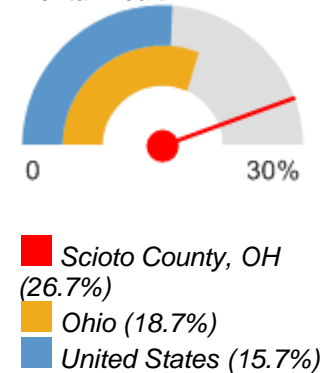
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

## Poor Dental Health

This indicator reports the percentage of adults age 18 and older who self-report that six or more of their permanent teeth have been removed due to tooth decay, gum disease, or infection. This indicator is relevant because it indicates lack of access to dental care and/or social barriers to utilization of dental services.

Report Area	Total Population (Age 18 )	Total Adults with Poor Dental Health	Percent Adults with Poor Dental Health
Scioto County, OH	60,885	16,237	26.7%
Ohio	8,781,360	1,638,848	18.7%
United States	235,375,690	36,842,620	15.7%

Percent Adults with Poor Dental Health



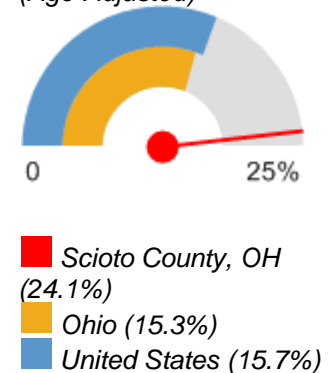
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2006-10. Source geography: County

## Poor General Health

Within the report area 25% of adults age 18 and older self-report having poor or fair health in response to the question "Would you say that in general your health is excellent, very good, good, fair, or poor?". This indicator is relevant because it is a measure of general poor health status.

Report Area	Total Population Age 18	Estimated Population with Poor or Fair Health	Crude Percentage	Age-Adjusted Percentage
Scioto County, OH	61,130	15,283	25%	24.1%
Ohio	8,781,360	1,413,799	16.1%	15.3%
United States	232,556,016	37,766,703	16.2%	15.7%

Percent Adults with Poor or Fair Health (Age-Adjusted)



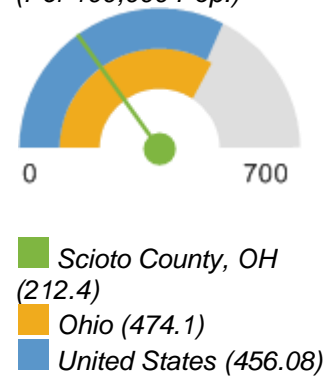
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators

**STI - Chlamydia Incidence**

This indicator reports incidence rate of Chlamydia cases per 100,000 population. This indicator is relevant because it is a measure of poor health status and indicates the prevalence of unsafe sex practices.

Report Area	Total Population	Total Chlamydia Infections	Chlamydia Infection Rate (Per 100,000 Pop.)
Scioto County, OH	78,153	166	212.4
Ohio	11,570,977	54,858	474.1
US	316,128,839	1,441,789	456.08

Chlamydia Infection Rate (Per 100,000 Pop.)



Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2014. Source geography: County

**Chlamydia Incidence Rate (Per 100,000 Pop.) by Year, 2005 through 2014**

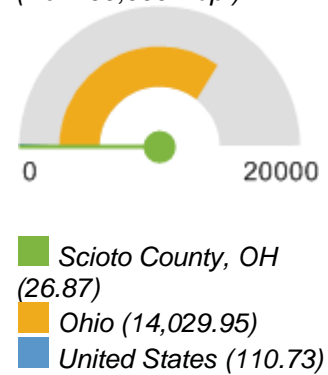
Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Scioto County, OH	172.41	81.11	156.67	252	263.32	284.28	286.34	248.5	278.94	212.4
Ohio	381.73	349.03	411.79	408.76	418.31	443.03	455.88	459.97	459.1	474.1
United States	330.3	345.4	367.7	398	405.7	422.8	453.4	453.4	443.5	456.1

**STI - Gonorrhea Incidence**

This indicator reports incidence rate of Gonorrhea cases per 100,000 population. This indicator is relevant because it is a measure of poor health status and indicates the prevalence of unsafe sex practices.

Report Area	Total Population	Total Gonorrhea Infections	Gonorrhea Infection Rate (Per 100,000 Pop.)
Scioto County, OH	78,153	21	26.87
Ohio	115,731	16,237	14,029.95
United States	316,128,839	350,062	110.73

Gonorrhea Infection Rate (Per 100,000 Pop.)



Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2014. Source geography: County

### ***Gonorrhea Incidence Rate (Per 100,000 Pop.) by Year, 2005 through 2014***

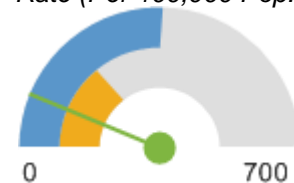
Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Scioto County, OH	83.59	45.79	31.6	27.42	83.84	115.72	85.78	68.12	49.9	26.87
Ohio	182.87	167.01	182.88	145.77	138.64	142.88	144.82	142.76	143.6	140.3
United States	114.9	120.1	118.1	110.7	98.2	100	103.3	106.7	105.3	110.7

### ***STI - HIV Prevalence***

This indicator reports prevalence rate of HIV per 100,000 population. This indicator is relevant because HIV is a life-threatening communicable disease that disproportionately affects minority populations and may also indicate the prevalence of unsafe sex practices.

Report Area	Population Age 13 years and older	Population with HIV / AIDS	Population with HIV / AIDS, Rate (Per 100,000 Pop.)
Scioto County, OH	65,817	64	88.12
Ohio	9,694,894	19,441	200.53

Population with HIV / AIDS, Rate (Per 100,000 Pop.)



<i>United States</i>	<i>263,765,822</i>	<i>931,526</i>	<i>353.16</i>
----------------------	--------------------	----------------	---------------

- Scioto County, OH (88.12)
- Ohio (200.53)
- United States (353.16)

*Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2013. Source geography: County*



## References:

Centers for Disease Control and Prevention (CDC). *Behavioral Risk Factor Surveillance System Survey Data*. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2013.

National Center for Education Statistics 2013-14

United States Census Bureau, American Community Survey, 2010-2015

United States Census Bureau, Small Area Health Insurance Estimates, 2013

United States Department of Education Statistics, 2013-2014