

PUTNAM COUNTY, OHIO

Secondary Data Updates
to the
2010 Putnam County
Community Health Assessment

2013

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This report was prepared by Genevieve Davison, MPH candidate, in fulfillment of a practicum requirement. Ms. Davison worked under the guidance of staff at the Center for Public Health Practice in the Ohio State University College of Public Health. This report is made possible, in part, by the Ohio Public Health Training Center, grant number UB6HP20203, from the Health Resources and Services Administration, DHHS, Public Health Training Center Program. Contents are solely the responsibility of the authors and do not necessarily represent the official views of HRSA.

Introduction

This report was created as a supplement to Putnam County's 2010 Community Health Assessment. Its purpose is to augment the survey data gathered in 2010 with secondary data regarding demographic and health information. This report will also serve as a resource for future community health improvement planning and for the Putnam County Health Department's upcoming PHAB (Public Health Accreditation Board) accreditation application.

The information contained in this report comes from a variety of secondary data sources including the United States Census Bureau, the United States Department of Labor, Bureau of Labor Statistics, and the Ohio Department of Health. Other information comes from the Putnam County Health Department and its community partners.

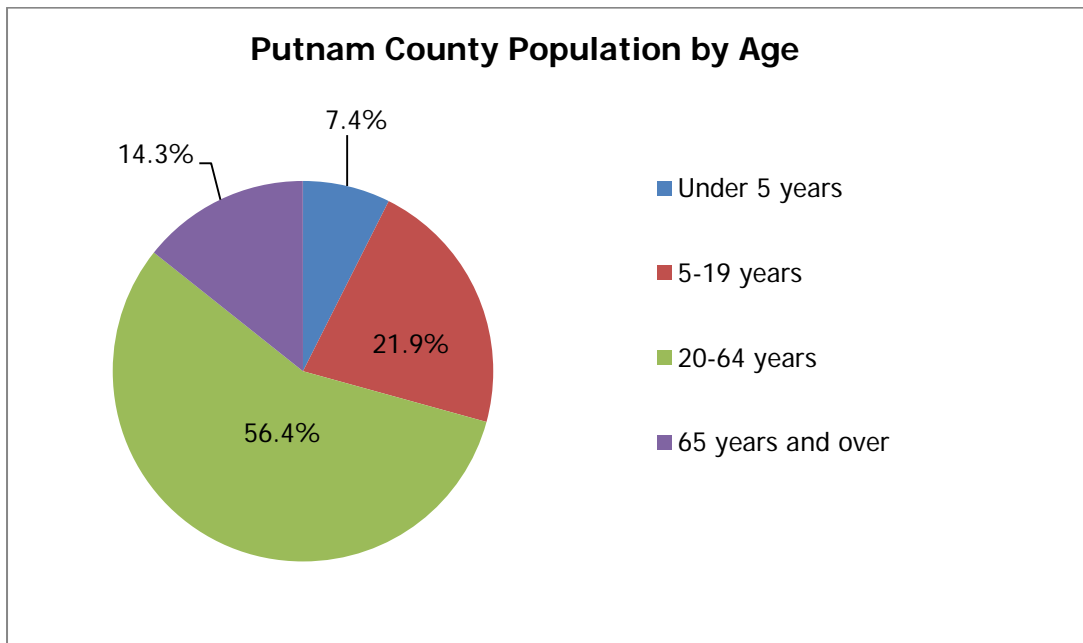
Community Profile

According to the 2010 census, Putnam County, Ohio has a population of 34,499 people. Of this, 29.3% are 19 years old or younger, and 14.3% are 65 years old or older. 95.7% of the county population is white, 50.0% of the population is male and 50.0% is female. Age and gender data for Putnam County are similar to both Ohio and the United States, but is the County is less racially diverse than both the state and the country.

Age

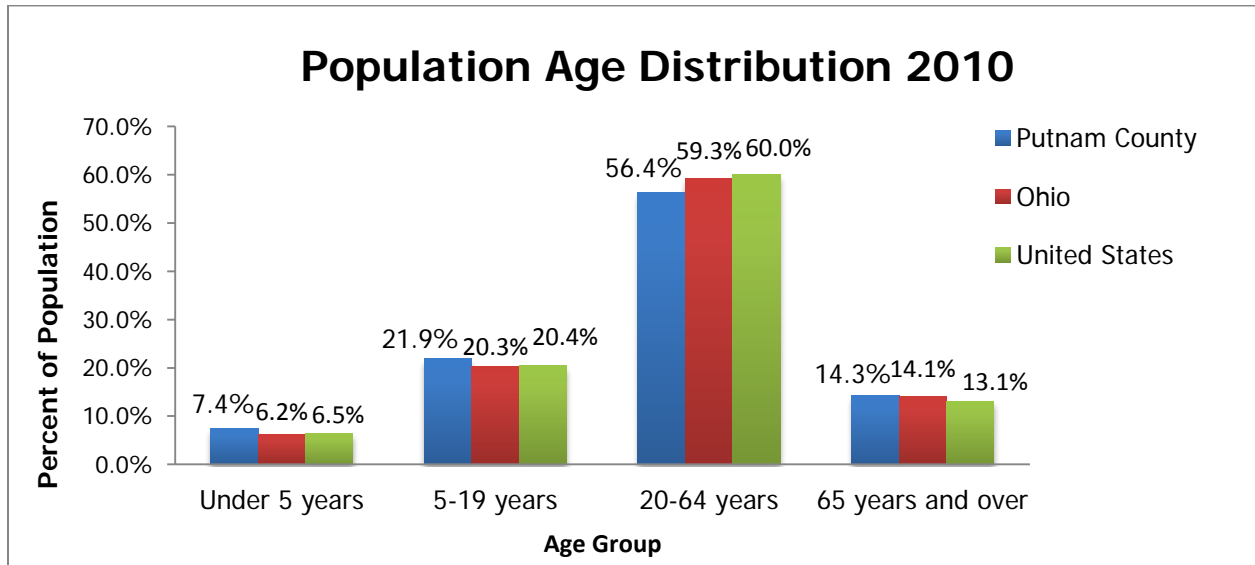
Age	Total	Percent
Under 5 years	2,566	7.4%
5-19 years	7,539	21.9%
20-64 years	19,464	56.4%
65 years and over	4,930	14.3%

1) Source: 2010, U.S. Census Bureau, U.S. Census

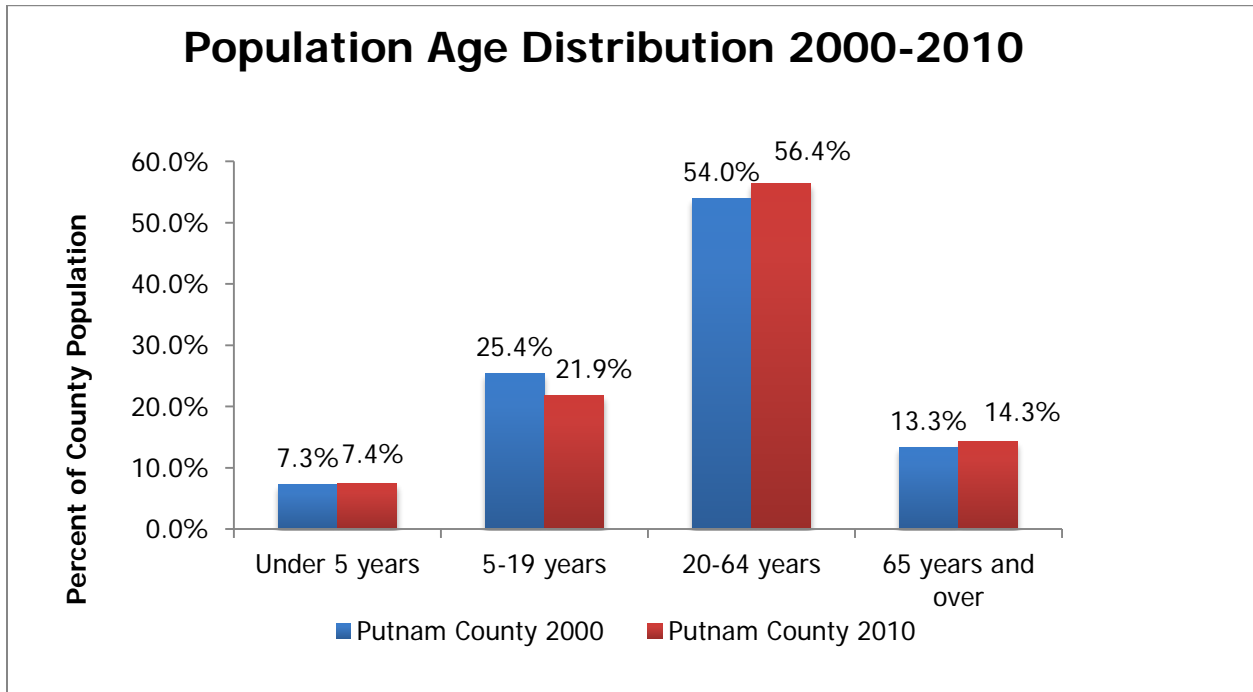


1) Source: 2010, U.S. Census Bureau, U.S. Census

Community Profile



1) Source: 2010, U.S. Census Bureau, U.S. Census



1) Source: 2010, U.S. Census Bureau, U.S. Census

2) Source: 2000, U.S. Census Bureau, U.S. Census

Community Profile

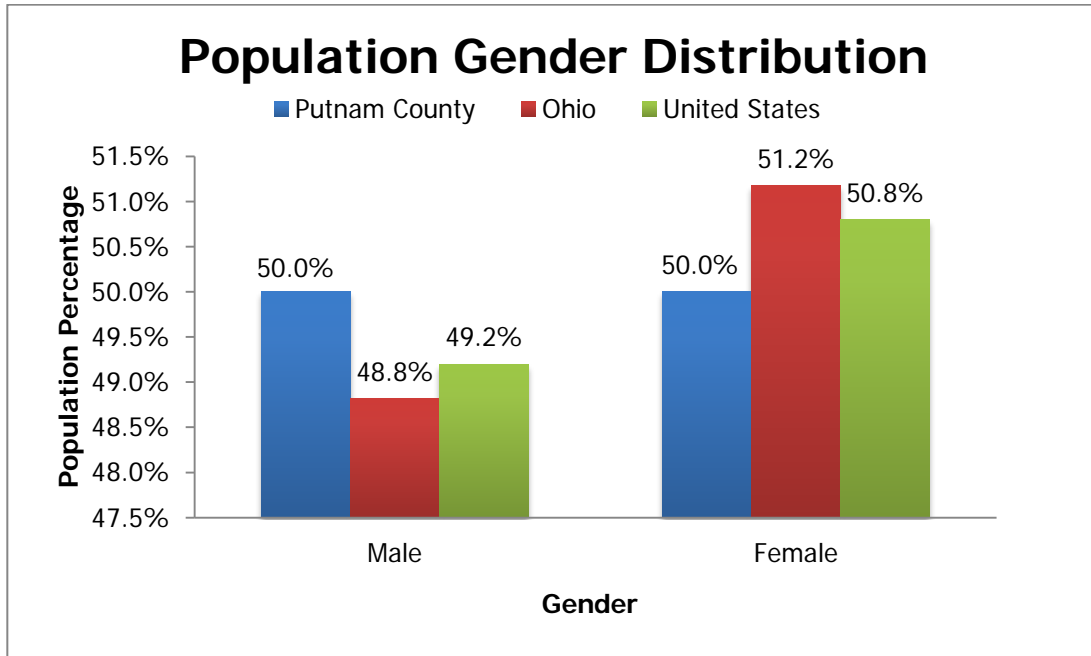
Race/Ethnicity

Race/Ethnicity	Putnam Total	Putnam Percent	Ohio Percent	U.S. Percent
White	33,012	95.7%	82.7%	72.4%
African American	94	0.3%	12.2%	12.6%
American Indian and Alaska Native	74	0.2%	0.2%	0.9%
Asian	81	0.2%	1.7%	4.8%
Native Hawaiian and Other Pacific Islander	4	0.0%	0.0%	0.2%
Some Other Race	921	2.7%	1.1%	6.2%
Two or More Races	313	0.9%	2.1%	2.9%
Hispanic or Latino (of any race)	1,890	5.5%	3.1%	16.3%

1) Source: 2010, U.S. Census Bureau, U.S. Census

Community Profile

Gender

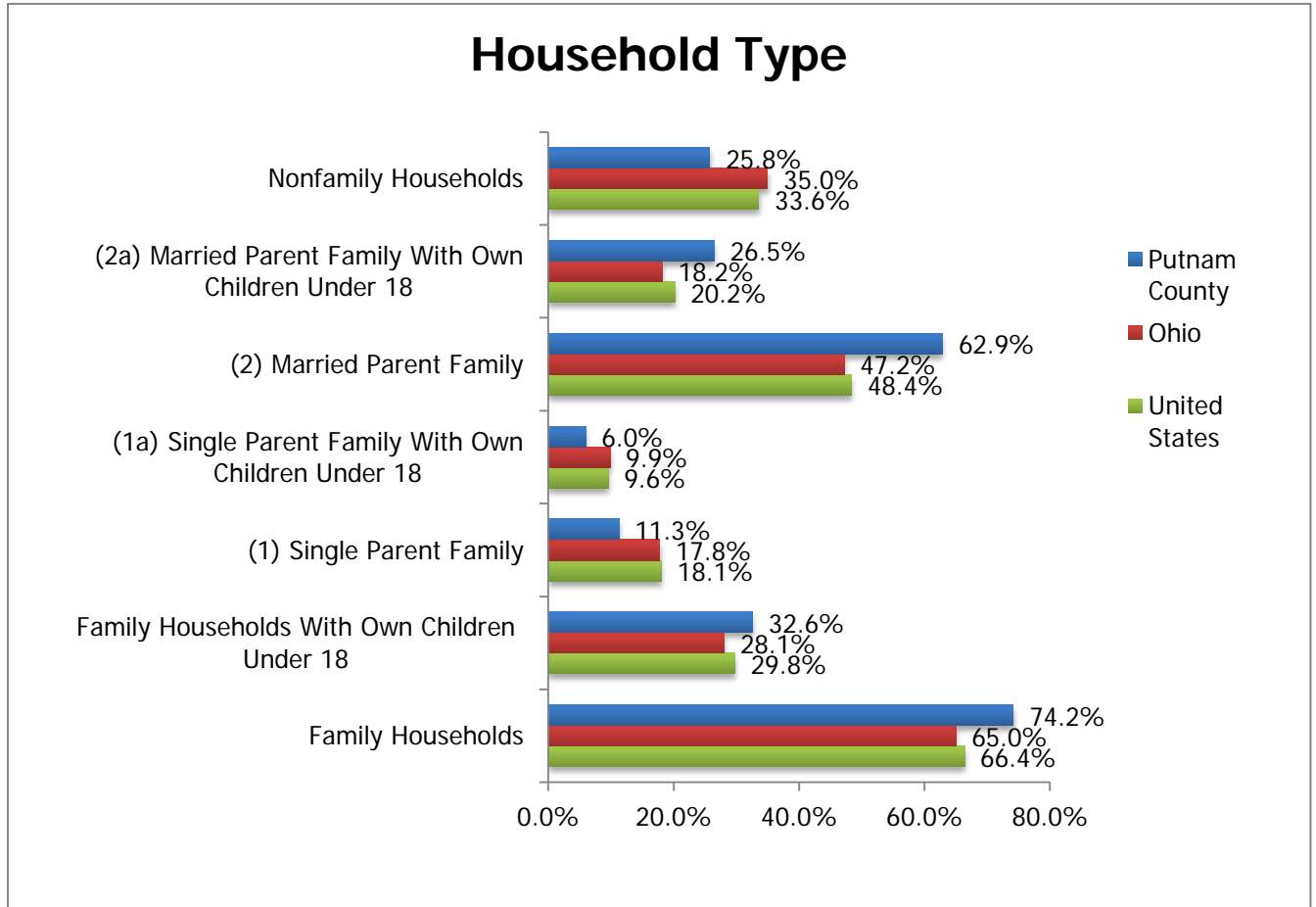


10) Source: 2010, U.S. Census Bureau, U.S. Census

Community Profile

Household and Marital Status

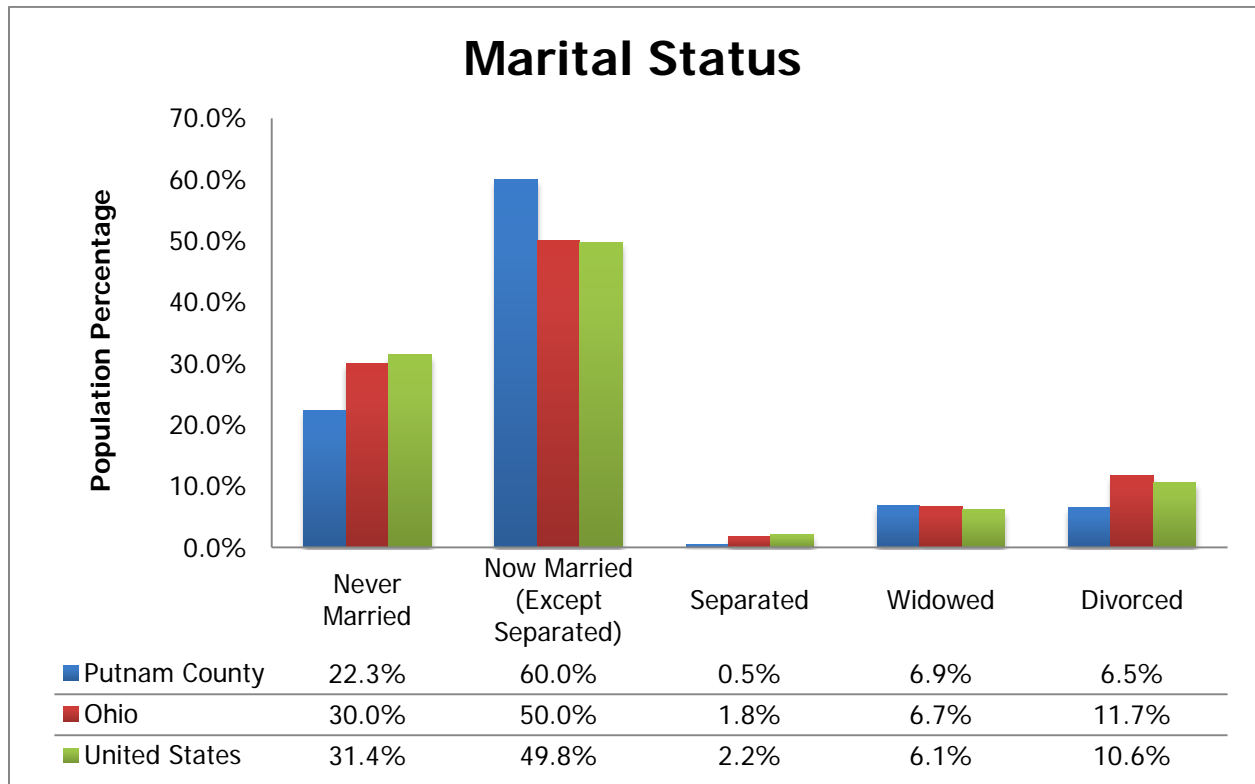
Compared to Ohio and the United States, more Putnam County households are family households and more family households consist of married parents and married parents with children, while fewer households consist of single parents.



3) Source: 2007-2011, U.S. Census Bureau, American Community Survey

Community Profile

According to the 2007-2011 U.S. Census Bureau American Community Survey, Putnam County residents are more likely to be currently married and less likely to be separated or divorced compared to state and national averages.



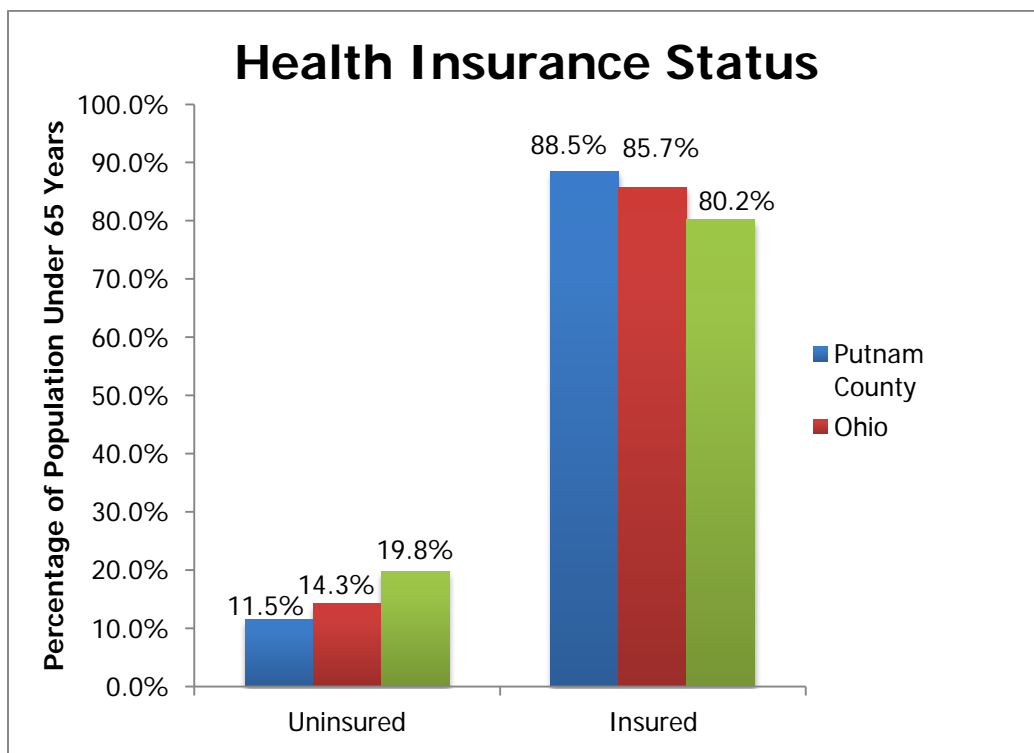
3) Source: 2007-2011, U.S. Census Bureau, American Community Survey

Community Profile

Health Insurance and Medicaid

Putnam County residents are more likely to have health insurance compared the nation and less likely to be enrolled in Medicaid compared to the state*. Between 2000 and 2010 the health insurance status of Putnam County residents improved slightly.

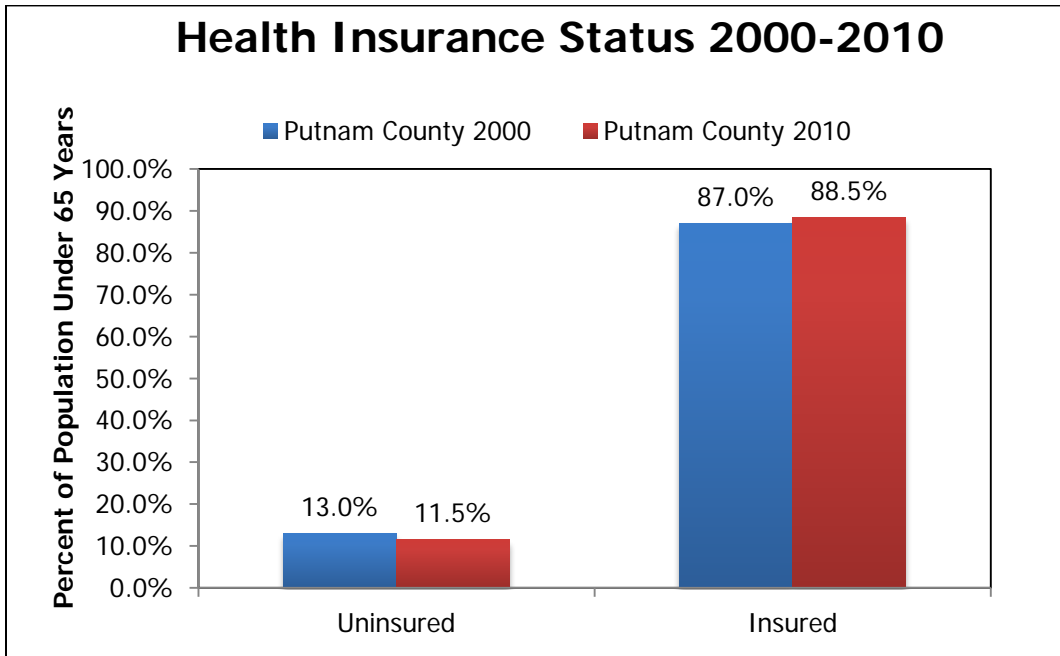
*Same-year comparison data could not be obtained for Medicaid enrollment. Comparisons should be made with caution.



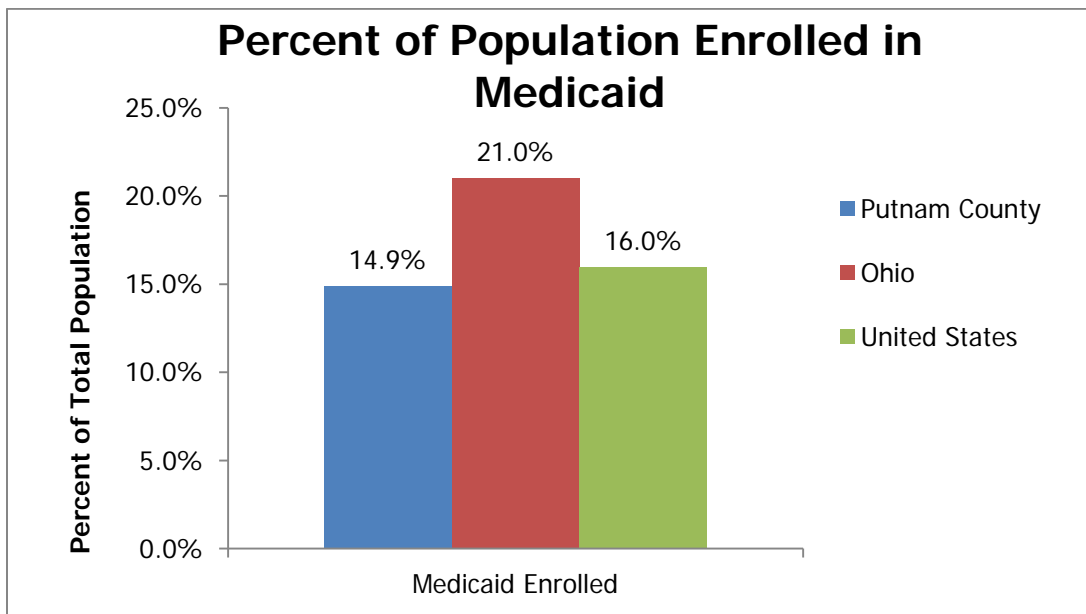
4) Source: 2010, U.S. Census Bureau, Small Area Health Insurance Estimates

5) Source: 2010, U.S. Census Bureau, Health Status, Health Insurance, and Medical Utilization Tables

Community Profile



- 4) Source: 2010, U.S. Census Bureau, Small Area Health Insurance Estimates
 6) Source: 2000, U.S. Census Bureau, Small Area Health Insurance Estimates

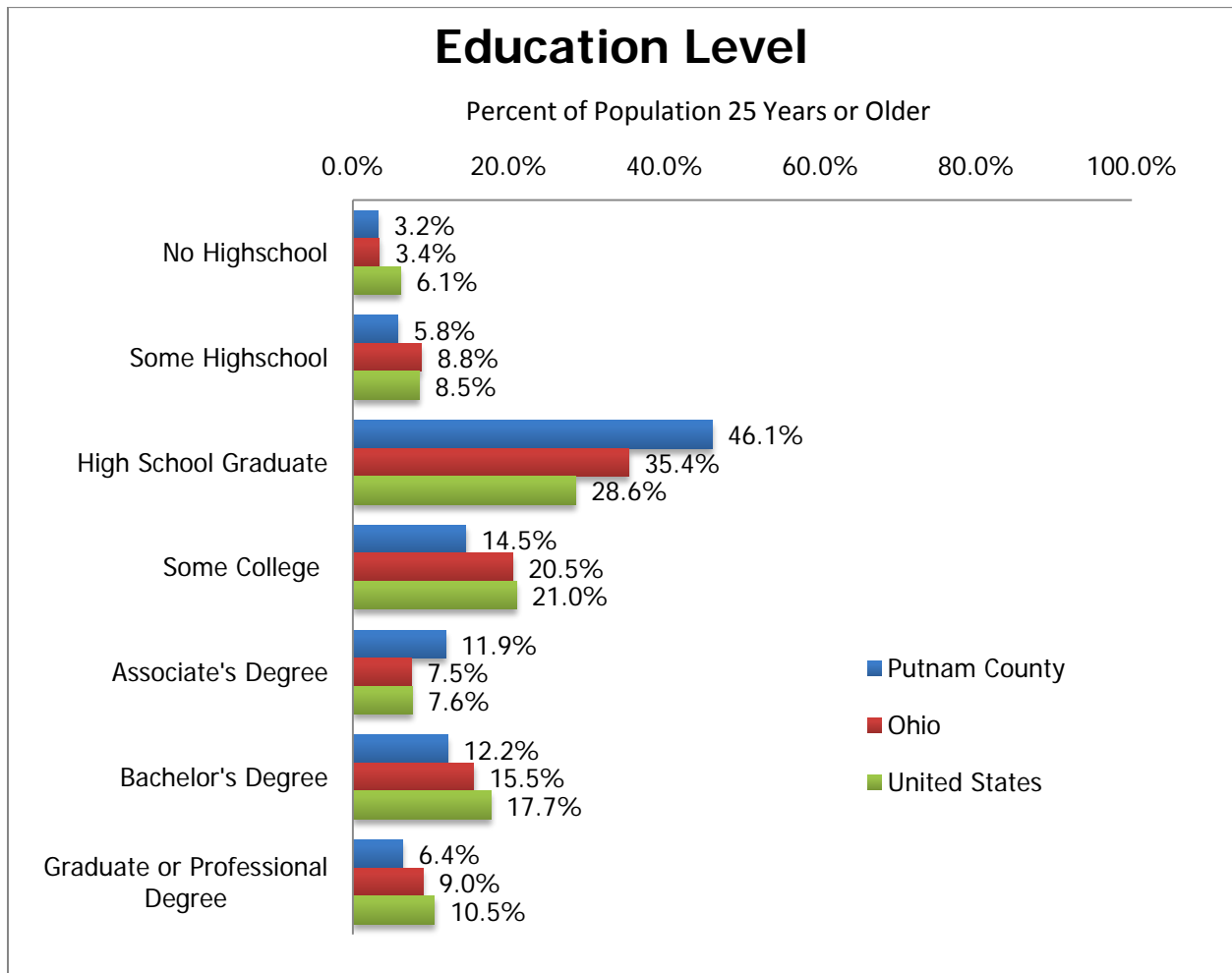


- 7) Source: 2013, Putnam County Job and Family Services, Unduplicated County Recipients by Program
 8) Source: 2010, U.S. Department of Health and Human Services, Ohio Medicaid Statistics
 9) Source: 2011, U.S. Census Bureau, Health Status, Health Insurance, and Medical Utilization Tables

Community Profile

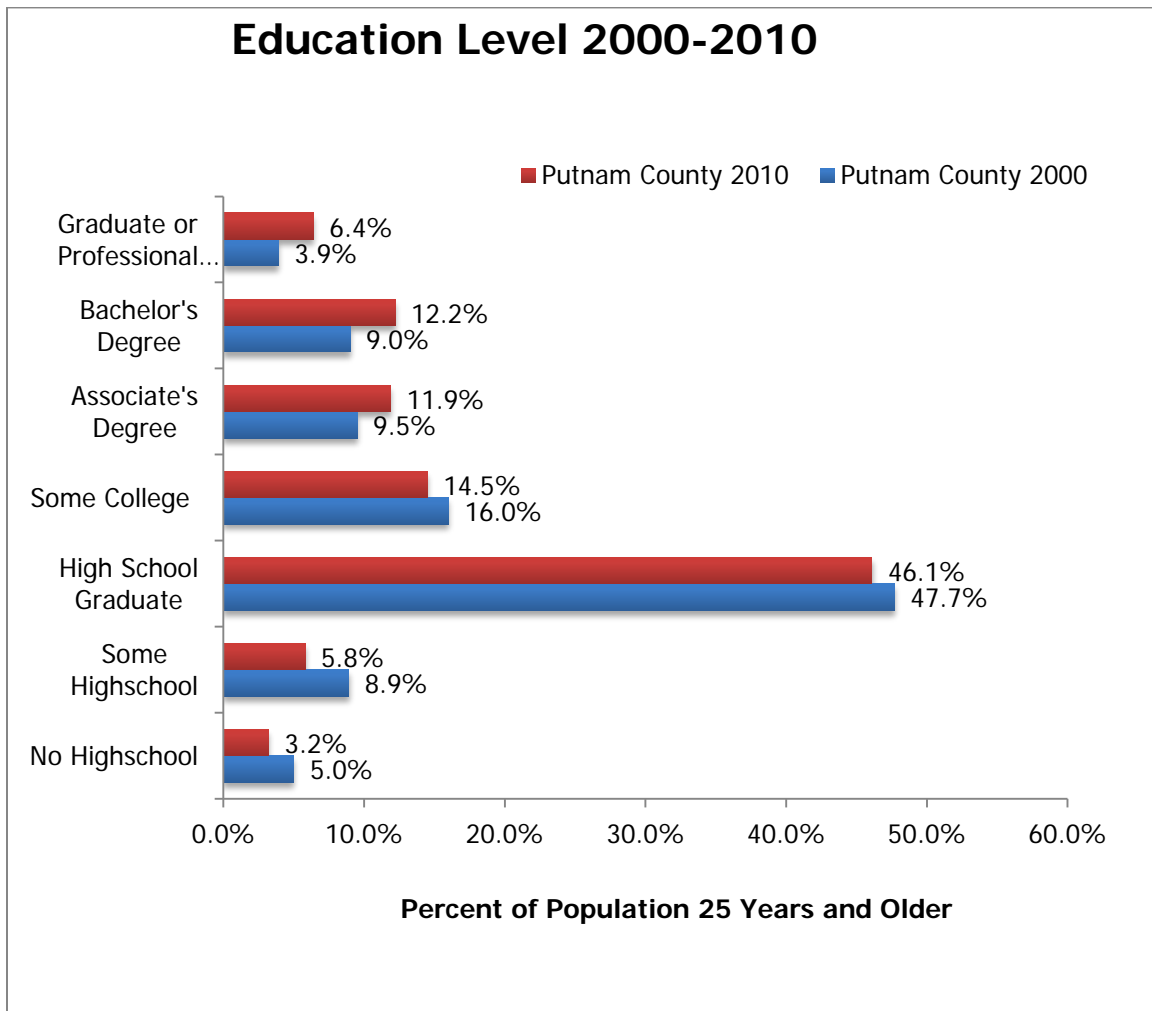
Education Level and Degree

Compared to residents of Ohio or the United States, Putnam County residents who are 25 years or older, are more likely to have only a high school degree, are more likely to have obtained an Associate degree, and are less likely to have obtained a Bachelor or Graduate or Professional degree.



3) Source: 2007-2011, U.S. Census Bureau, American Community Survey

Community Profile



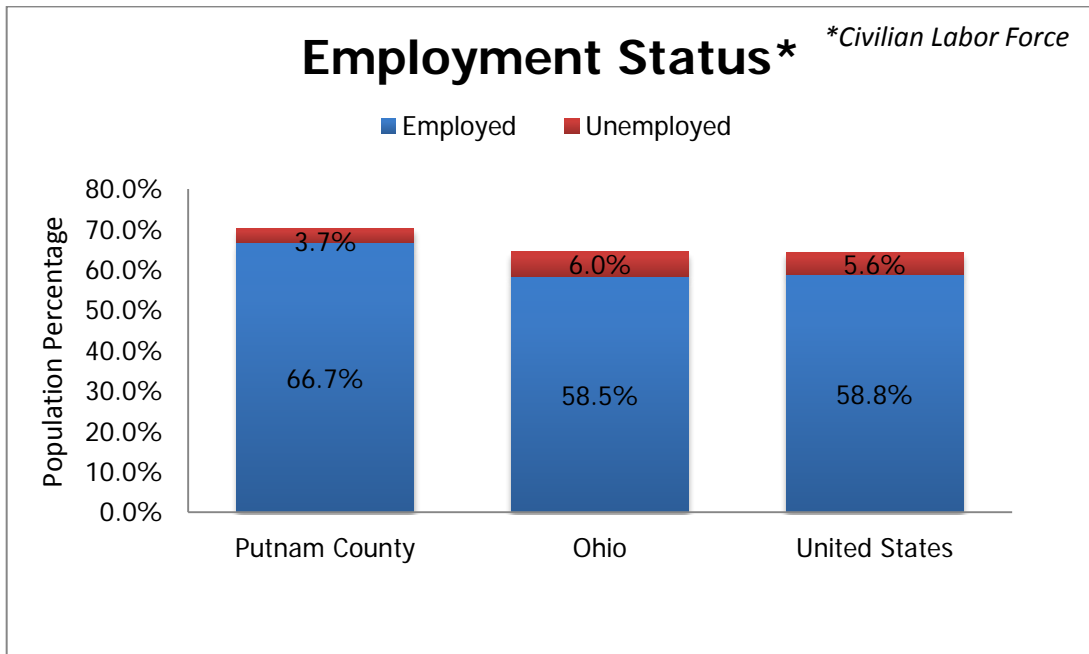
2) Source: 2000, U.S. Census Bureau, 2000 Census

3) Source: 2007-2011, U.S. Census Bureau, American Community Survey

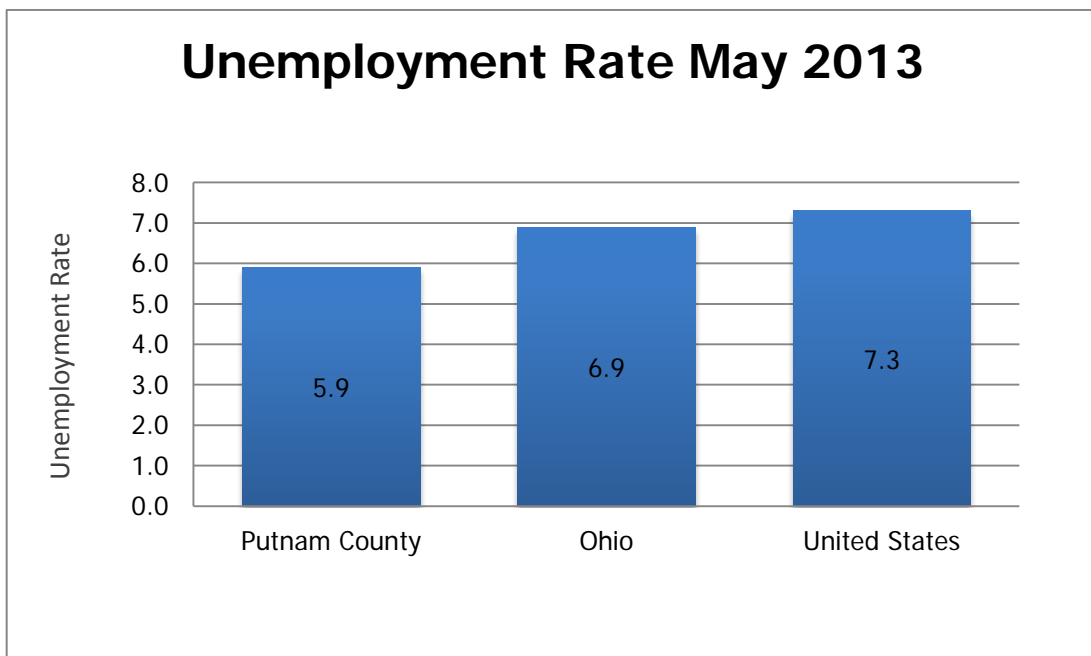
Community Profile

Employment/Income

According to the Bureau of Labor Statistics, as of 2013, Putnam County residents 16 years or older were less likely to be unemployed compared the state and the nation.



3) Source: 2007-2011, U.S. Census Bureau, American Community Survey

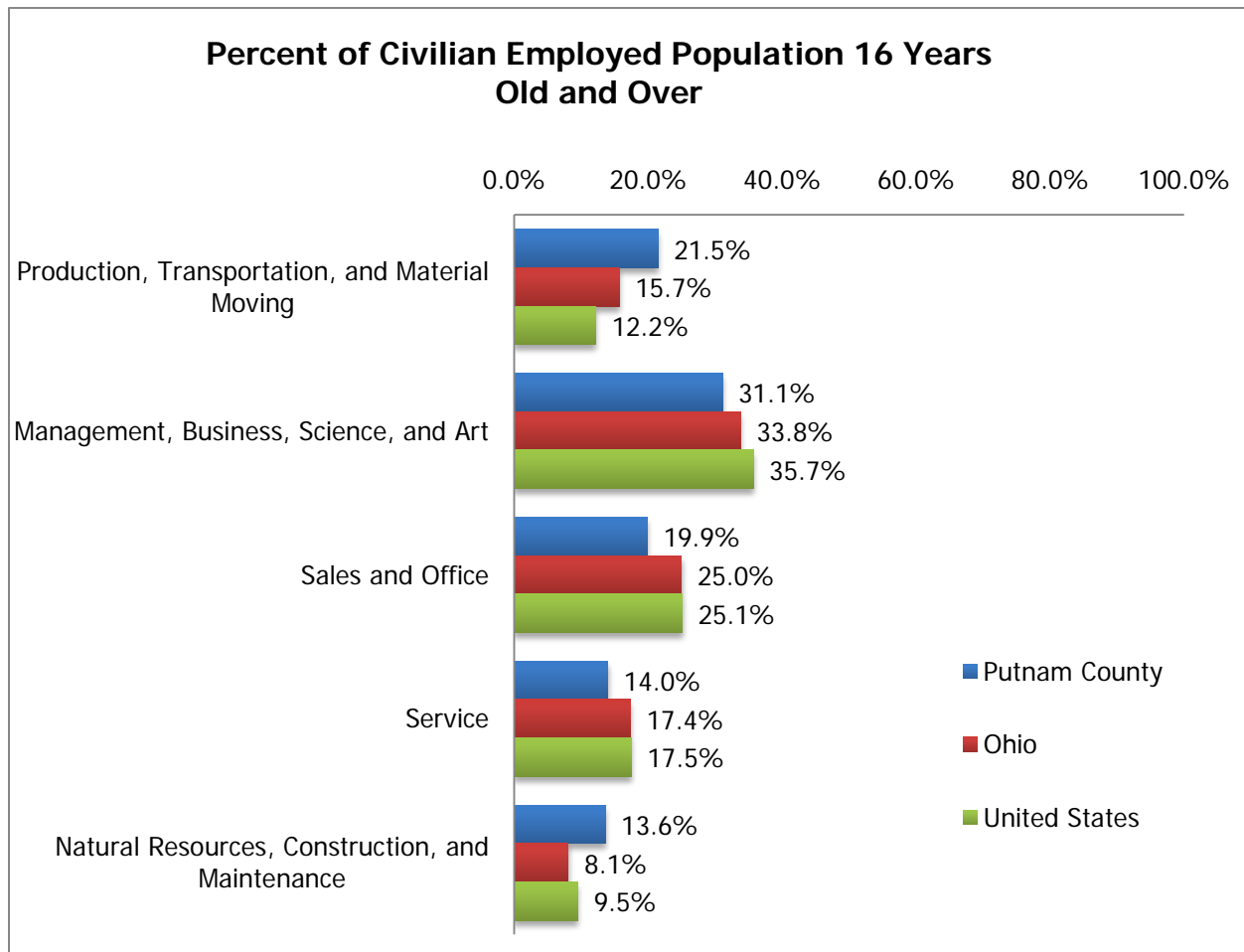


10) Source: 2013, Ohio Department of Job and Family Services, Ranking of Ohio County Unemployment Rates

11) Source: 2013, United States Department of Labor, Bureau of Labor Statistics

Community Profile

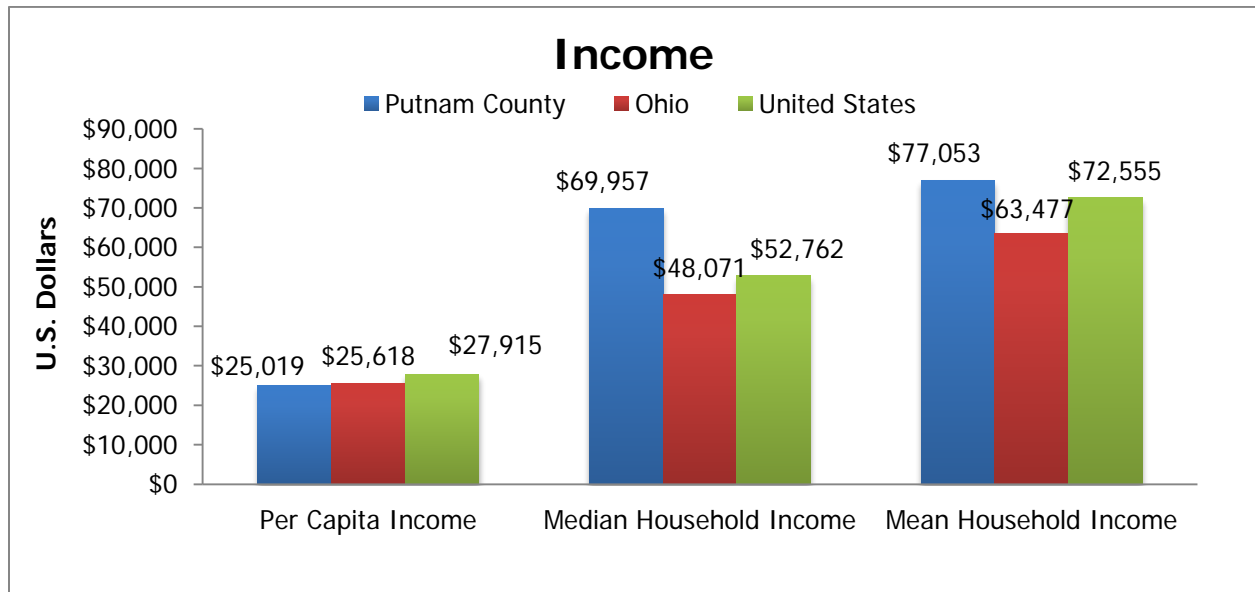
Putnam County residents are more likely to work in Production, Transportation, and Material Moving, and Natural Resources, Construction, and Maintenance compared to Ohio and U.S. residents. Most Putnam County residents 16 years and older work in Management, Business, Science, and Art, Production, Transportation, and Material Moving, or Sales and Office.



3) Source: 2007-2011, U.S. Census Bureau, American Community Survey

Community Profile

The Per Capita income of Putnam County residents is similar to that of the state and the nation, but the median and mean household income for Putnam County is greater than that of Ohio or the United States.



3) Source: 2007-2011, U.S. Census Bureau, American Community Survey

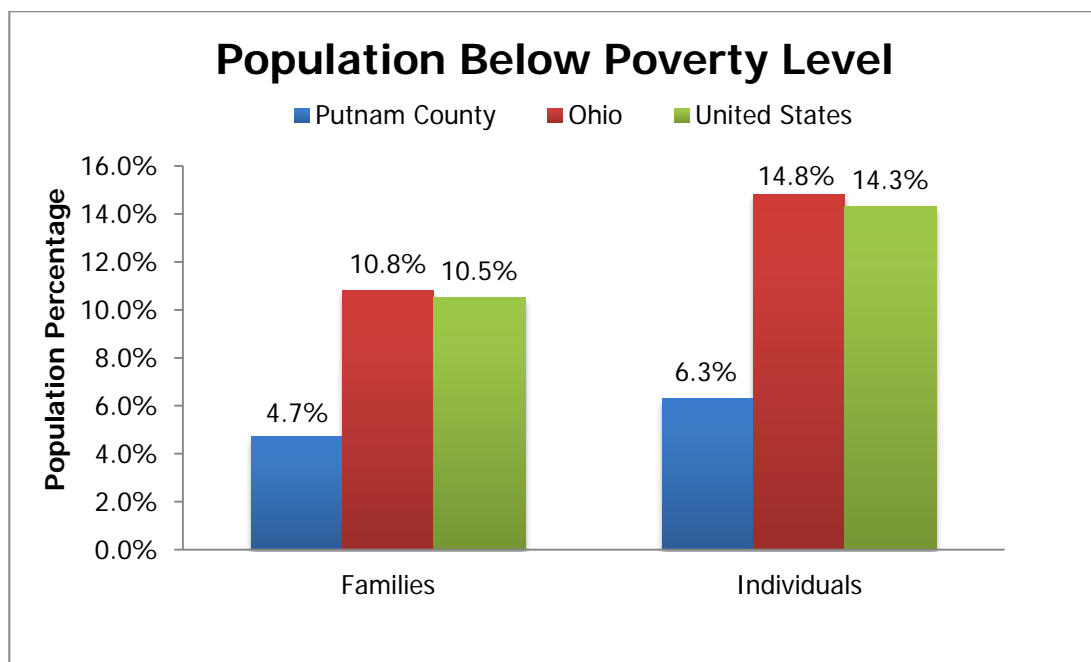
Community Profile

Poverty Status

Both families and individuals in Putnam County are less likely to be below the poverty line compared to families and individuals in Ohio and the United States. However, it is worth noting that based on the rates reported above:

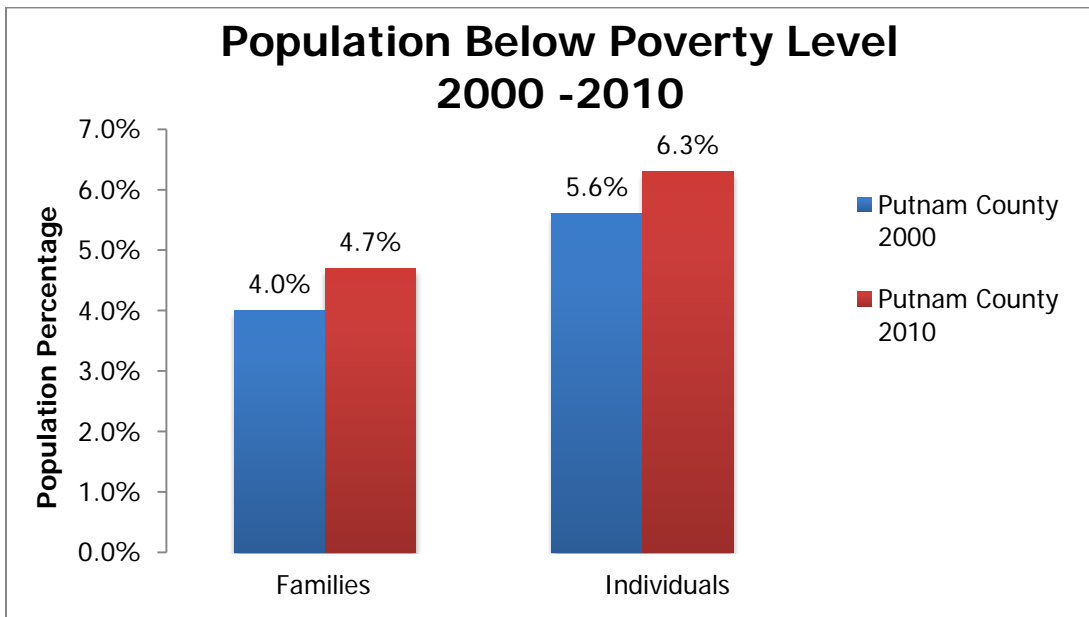
- almost 2,174 individuals in Putnam County are living below the poverty level; and,
- over 455 families in Putnam County are living below the poverty level.

Poverty in 2010 were similar to those in 2000 but may have increased slightly.



3) Source: 2007-2011, U.S. Census Bureau, American Community Survey

Community Profile



2) Source: 2000, U.S. Census Bureau, 2000 Census

3) Source: 2007-2011, U.S. Census Bureau, American Community Survey

Health Indicators

This section presents data relative to health status indicators and behaviors, including life expectancy, obesity, and physical activity.

Basic Health Indicators

Life Expectancy, Hypertension, Obesity, and Physical Activity			
	Putnam County	Ohio	U.S.
Life Expectancy (Years)¹³			
Males	77.0	75.0	76.1
Females	81.2	79.7	80.8
Hypertension (Prevalence)¹⁴			
Males	35.7%	40.6%	38.5%
Females	39.0%	40.3%	38.1%
Obesity (Prevalence)¹⁵			
Males	39.4%	36.7%	33.6%
Females	37.8%	38.5%	36.1%
Sufficient Physical Activity¹⁶			
Males	54.5%	55.4%	56.3%
Females	50.9%	50.9%	52.6%

12) Source: 2010, Institute for Health Metrics and Evaluation, U.S. Health Map, Life Expectancy

13) Source: 2009, Institute for Health Metrics and Evaluation, U.S. Health Map, Hypertension

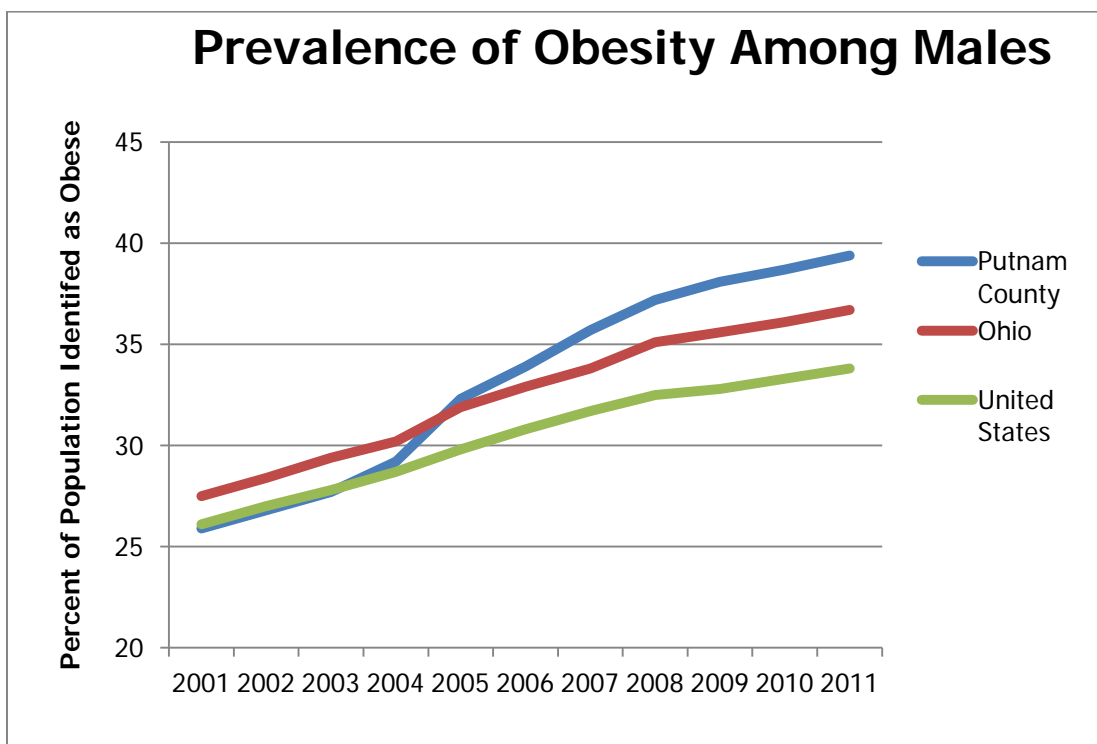
14) Source: 2011, Institute for Health Metrics and Evaluation, U.S. Health Map, Obesity

15) Source: 2011, Institute for Health Metrics and Evaluation, U.S. Health Map, Physical Activity

Health Indicators

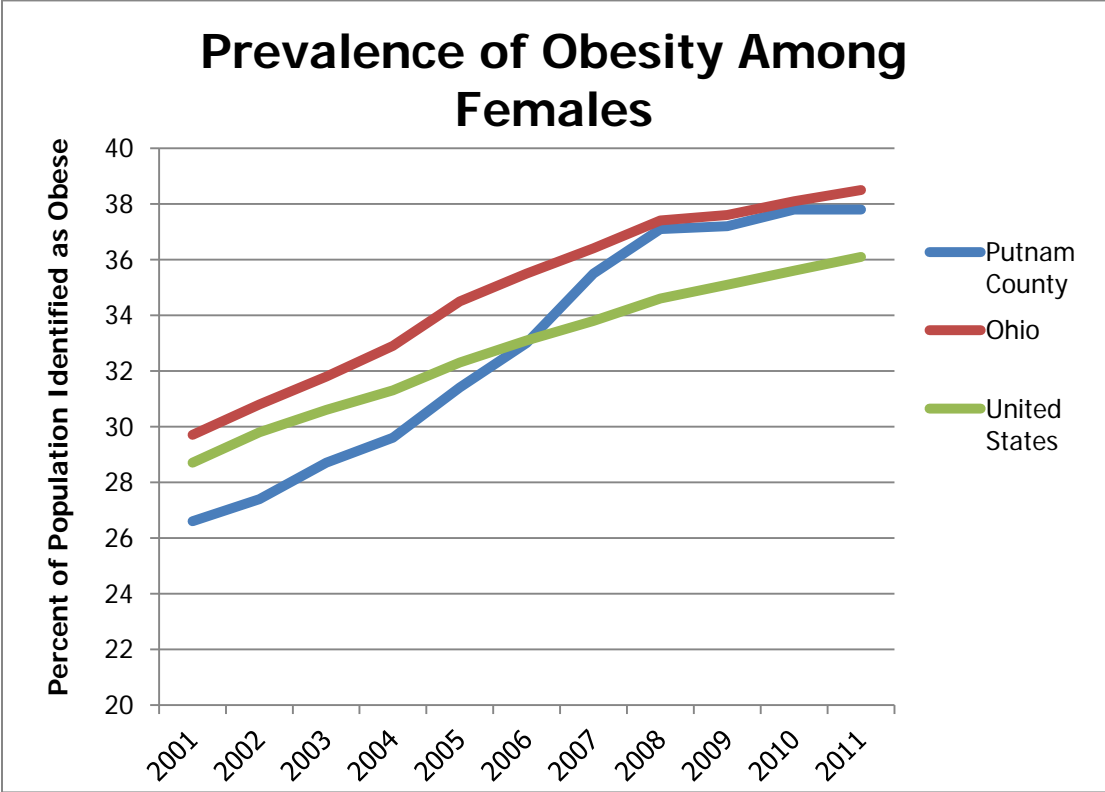
Obesity Trends

The prevalence of obesity has risen for both men and women in Putnam County between 2001 and 2011. The prevalence of obesity has also increased in Ohio and the United States during the same time period. Currently, rates of obesity in Putnam County males are higher compared to Ohio and the United States while rates of obesity among Putnam County females are similar to Ohio rates and higher than national rates.



14) Source: 2011, Institute for Health Metrics and Evaluation, U.S. Health Map, Obesity

Health Indicators

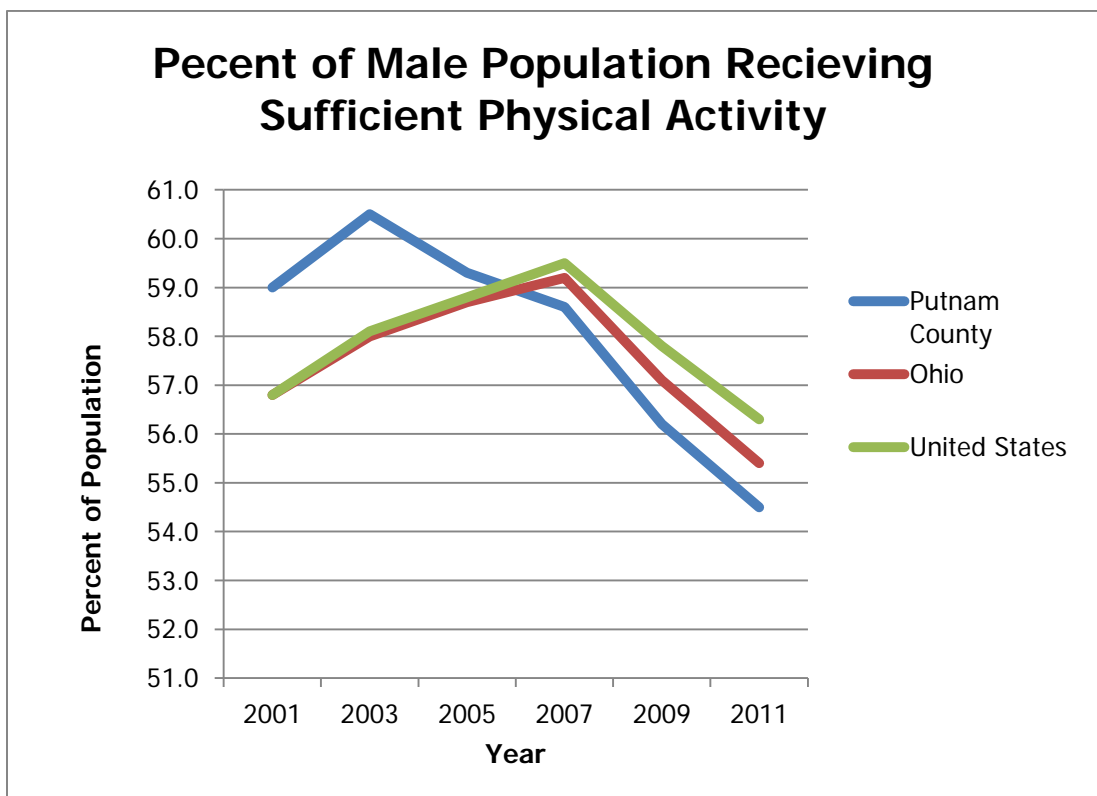


14) Source: 2011, Institute for Health Metrics and Evaluation, U.S. Health Map, Obesity

Health Indicators

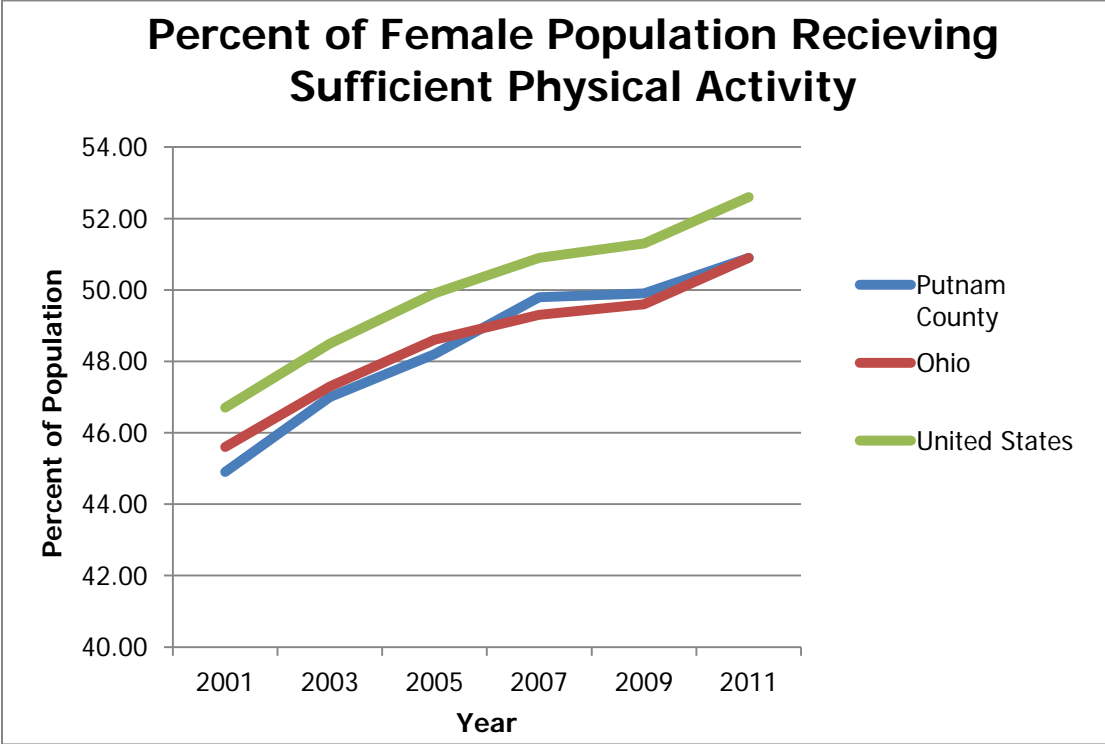
Physical Activity Trends

The percent of the male population of Putnam County receiving sufficient physical activity has seen a marked decrease since 2003, while the percent of the female population of Putnam County receiving sufficient physical activity has increased steadily since 2001.



15) Source: 2011, Institute for Health Metrics and Evaluation, U.S. Health Map, Physical Activity

Health Indicators

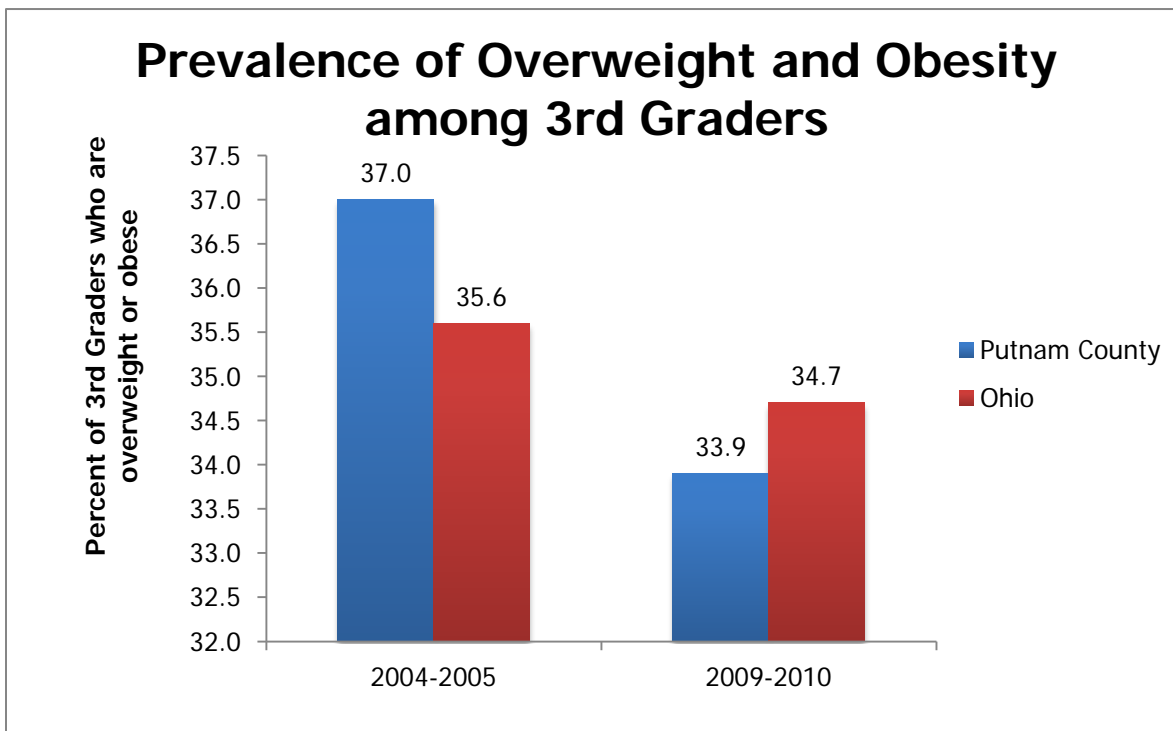


15) Source: 2011, Institute for Health Metrics and Evaluation, U.S. Health Map, Physical Activity

Health Indicators

Prevalence of Overweight and Obesity among 3rd Graders

The prevalence of overweight and obesity in Putnam County 3rd graders has decreased and is now lower than the state prevalence, however, approximately one third of 3rd graders in the county are overweight or obese.



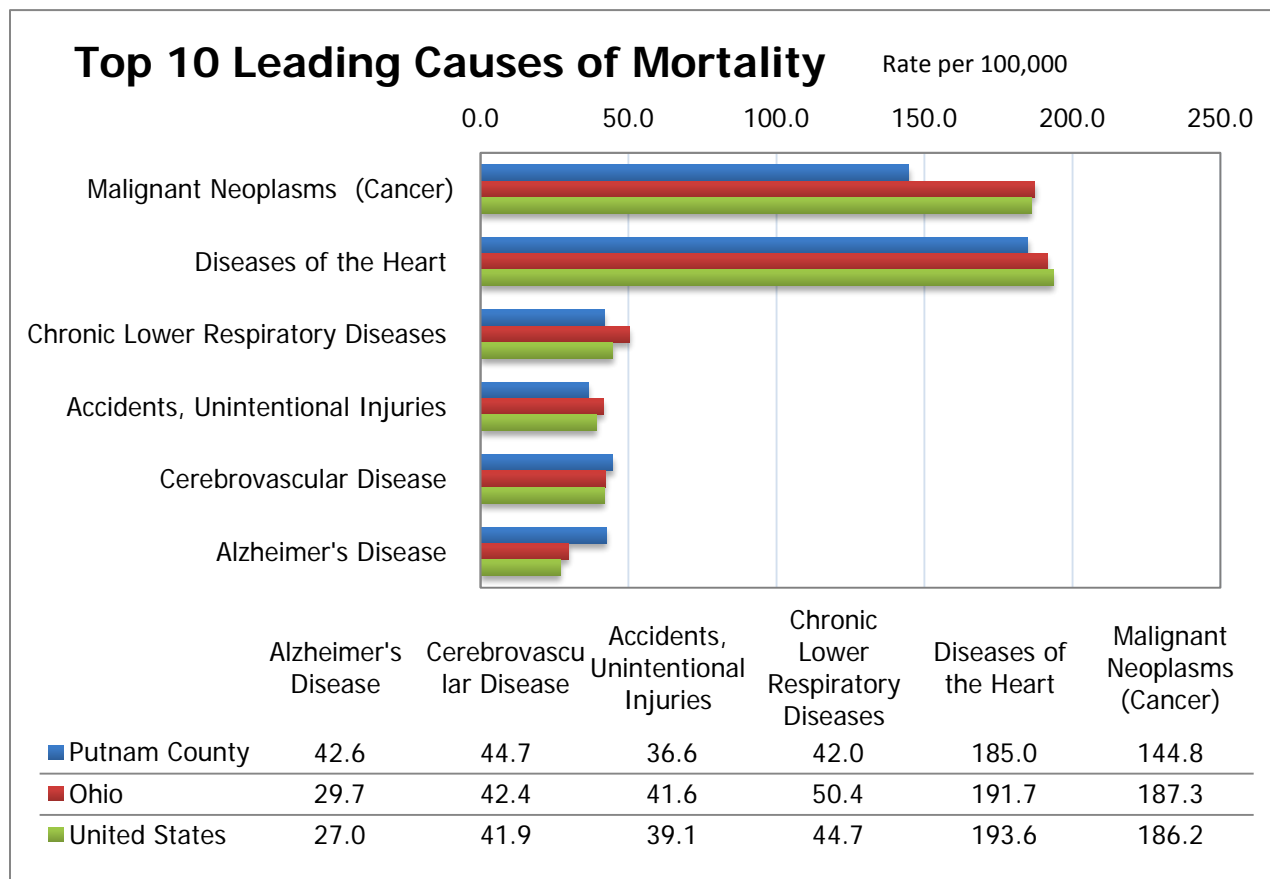
16) Source: 2004-2010, Ohio Department of Health, Report on the Body Mass Index of Ohio's Third Graders

Death & Illness

This section presents data relative to leading causes of mortality, and cancer incidence and mortality.

Leading Causes of Mortality

As with Ohio and the United States, the top six leading causes of death in Putnam County are Heart Disease, Cancer, Chronic Lower Respiratory Diseases, Cerebrovascular Disease, Alzheimer's disease, and Accidents and Unintentional Injuries. The rate of cancer in Putnam County is lower compared to Ohio or the United States, while the rate of Alzheimer's disease is higher.



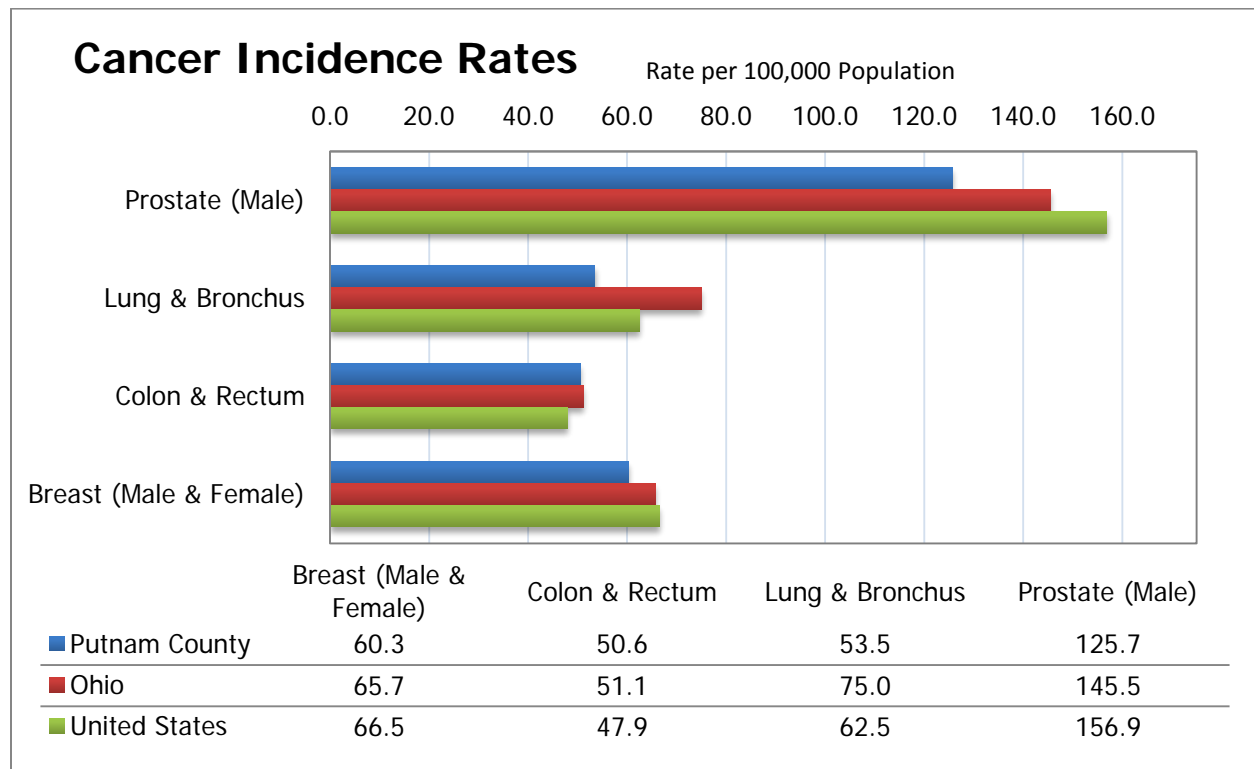
17) Source: 2010, Ohio Department of Health, Death – Data and Statistics

18) Source: 2010, Centers for Disease Control and Prevention, Mortality Data

Death & Illness

Cancer Incidence and Mortality

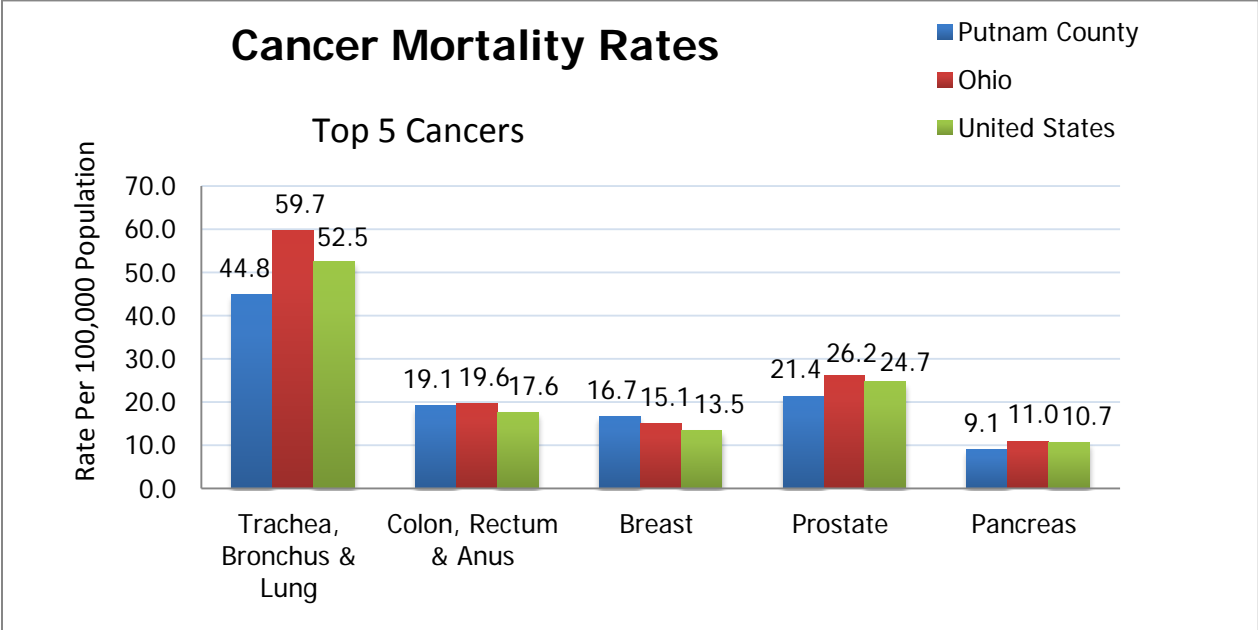
Putnam County residents have lower incidence rates of Prostate, Lung & Bronchus, and Breast cancer compared to Ohio and the United States and similar incidence rates of Colon & Rectum cancer. Compared to the State and the Nation, Putnam County residents have lower mortality rates from Trachea, Bronchus & Lung cancer, and Prostate cancer and similar mortality rates from cancers of the Colon, Rectum and Anus, Breast, and Pancreas.



19) Source: 2003-2007, Ohio Department of Health, Ohio Cancer Incidence Surveillance System

20) Source: 2003-2007, National Cancer Institute, Surveillance, Epidemiology, and End Results (SEER) Program

Death & Illness



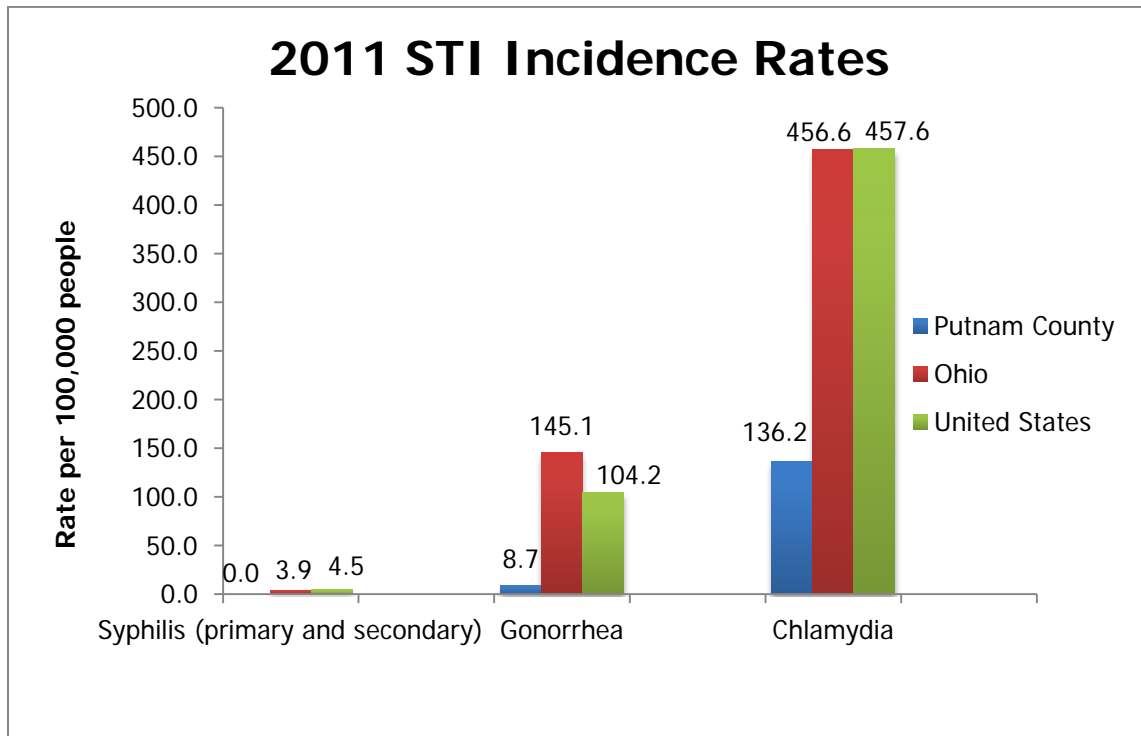
19) Source: 2003-2007, Ohio Department of Health, Ohio Cancer Incidence Surveillance System
 20) Source: 2003-2007, National Cancer Institute, Surveillance, Epidemiology, and End Results (SEER) Program

According to the Ohio Department of Health Report, *Cancer Incidence and Mortality among Ohio Residents 2003-2007*:

- The four leading sites of cancer mortality were lung and bronchus, colon and rectum, breast, and pancreas. Nearly 53 percent of total cancer deaths were associated with these sites.
- Lung and bronchus was the leading site of cancer death for both males and females, followed by prostate and colon and rectum cancers for males and breast and colon and rectum cancers for females.
- The number of cancer cases for all sites combined increased with advancing age until ages 75-79 years, followed by a decline among persons age 80 years and older. The average annual rate of cancer incidence, however, continued to increase through ages 80-84 years.
- The number of cancer deaths for all sites combined increased with advancing age until ages 75-79 years, followed by a decline among persons age 80 years and older. The average annual rate of cancer mortality, however, continued to increase through age 85 years and older.

Sexually Transmitted Infections

Putnam County has lower incidence rates of Syphilis, Gonorrhea, and Chlamydia compared to Ohio and the United States.



21) 2011, Ohio Department of Health, STD Data and Statistics

22) 2011, Centers for Disease Control and Prevention, Sexually Transmitted Disease Surveillance

Maternal & Child Health

Birth, Infant Mortality, Neonatal/Post-neonatal Mortality, and Induced Abortion Rate

In 2010, the birth rate in Putnam County was greater than the overall birth rate in Ohio while the total induced abortion rate was lower.

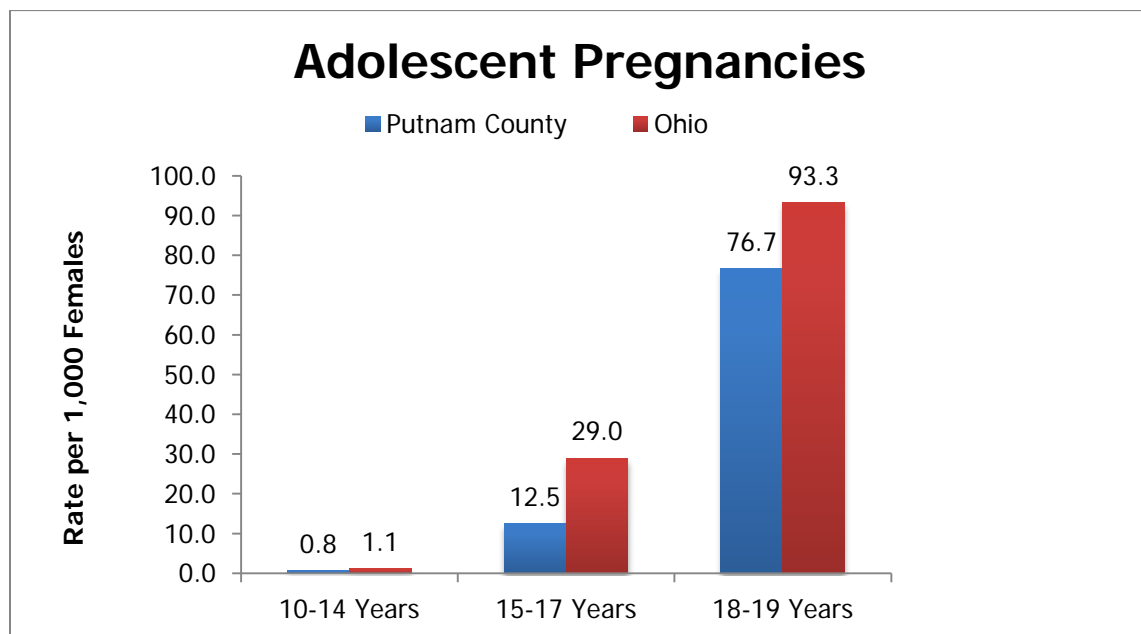
	Putnam Total	Putnam Rate/1,000	Ohio Rate/1,000
Births	483	79.9	62.2
Infant Mortality	4	*	7.7
Neonatal Mortality	2	*	5.2
Post-neonatal Mortality	2	*	3.5
Induced Abortion Rate	20	3.3	11.5

23) Source: 2010, Ohio Department of Health, Vital Statistics, Birth Statistics

24) Source: 2010, Ohio Department of Health, Induced Abortions in Ohio

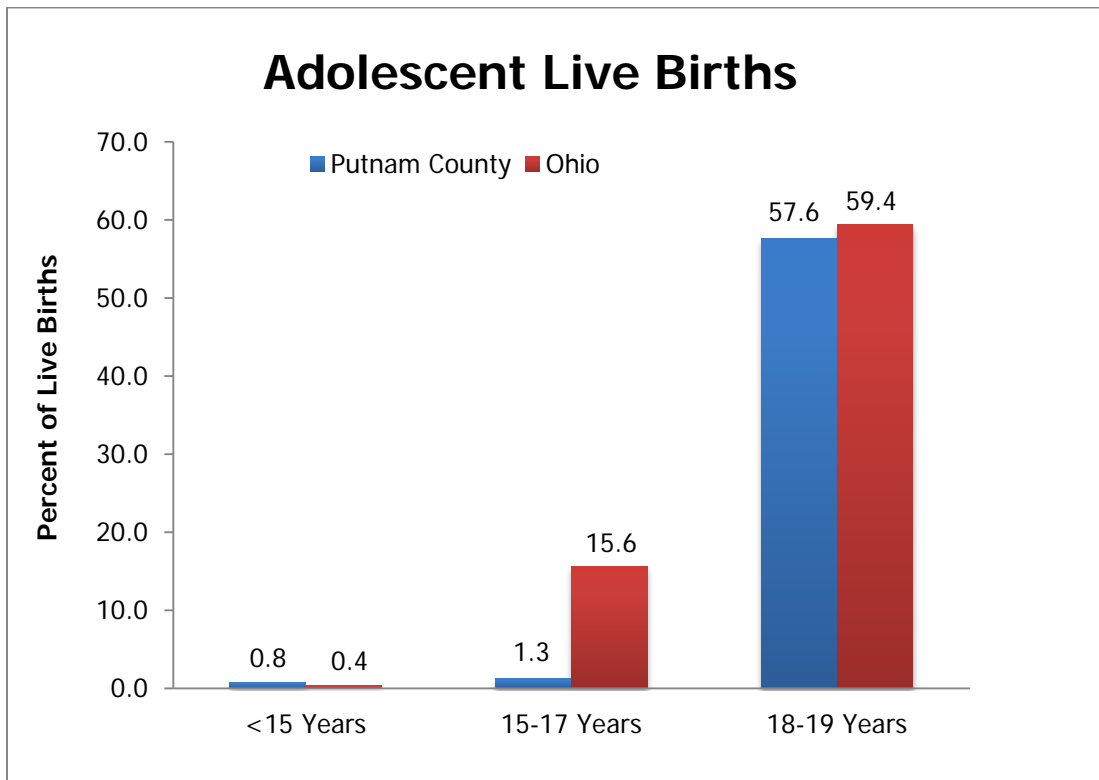
Adolescent Pregnancies and Live Births

Putnam County had lower rates of pregnancy in adolescents 19 years or younger compared to Ohio. Putnam County also had lower percentages of live births among adolescents 15-17 years old.



25) Source: 2010, Ohio Department of Health, Teen Pregnancy Statistics

Maternal & Child Health

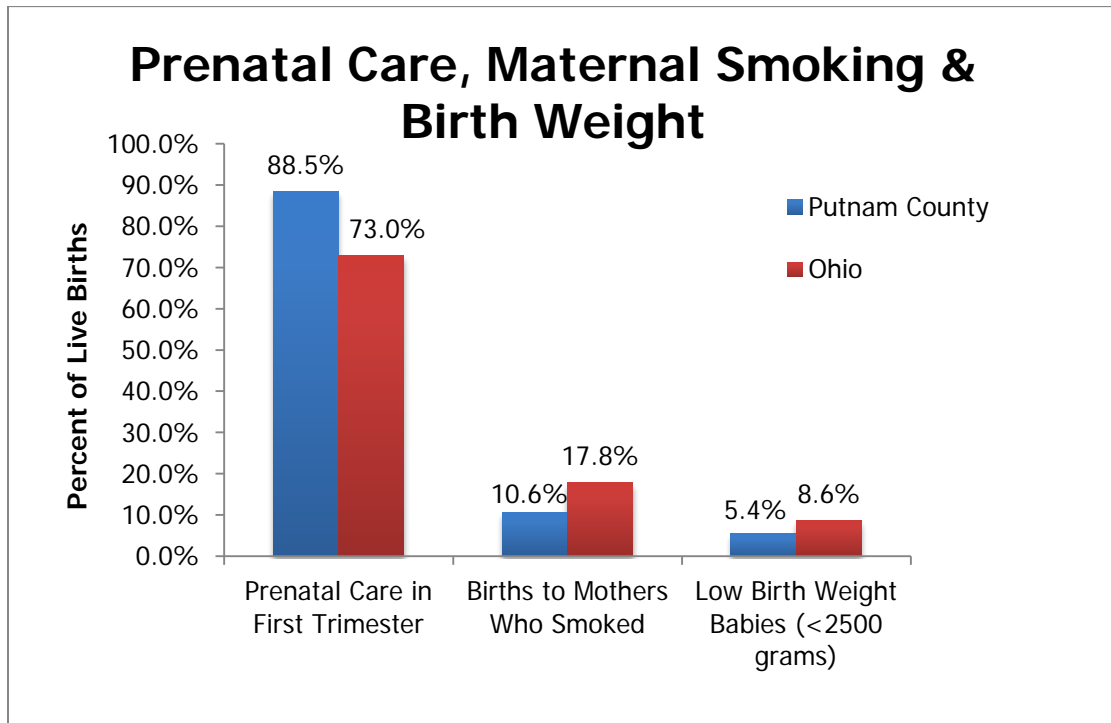


23) Source: 2010, Ohio Department of Health, Vital Statistics, Birth Statistics

Maternal & Child Health

Prenatal Care, Maternal Smoking and Birth Weight

Women in Putnam County are more likely to receive prenatal care during their first trimester of pregnancy compared to Ohio women, less likely to smoke during pregnancy, and less likely to give birth to low birth weight babies.



23) Source: 2010, Ohio Department of Health, Vital Statistics, Birth Statistics

Dental & Oral Health

Dental care and oral health in Putnam County is of mixed status. Third grade students in Putnam County have lower levels of untreated tooth decay and toothache compared to Ohio, but fewer have access to sealants and 18.6% of residents under the age of 18 have never visited a dentist. Additionally, the ratio of population to dentist is much higher in Putnam County compared to Ohio. However, the percentage of Putnam County residents who could not receive needed dental care was lower or similar for all age groups compared to Ohio. One hundred percent of the county has access to fluoridated potable water.

Percent of Medicaid-eligible Population with Dental visit	Putnam County	Ohio
0-2 Years	5.7%	7.9%
3-18 Years	40.5%	45.9%
19-16 Years	30.7%	31.1%
65+ Years	28.1%	22.3%

26) Source: 2011, Ohio Department of Health, Oral Health Data & Reports

Community Dental Disease Prevention	Putnam County	Ohio
Percent of population served by optimally fluoridated potable water	100.0%	91.9%
Number of schools eligible for school-based sealant programs	3	1492
Number of schools participating in school-based sealant programs	0	737

26) Source: 2011, Ohio Department of Health, Oral Health Data & Reports

Dental & Oral Health

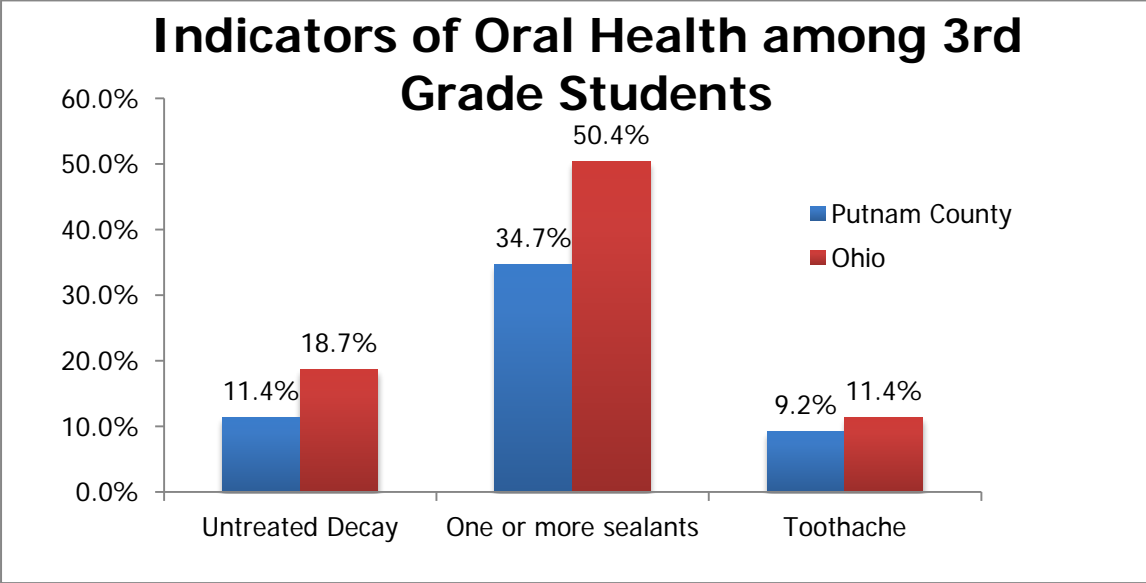
Dental Care Resources	Putnam County	Ohio
Number of licensed dentists	7	6161
Number of Primary care dentists (general and pediatric)	6	5051
Ratio of population per dentist	4,911:1	1,874:1
Number of dentists who treated Medicaid patients	2	1,904
1-50 dental patients	0	620
51-249 dental patients	1	388
250+ dental patients	1	896
Ratio of Medicaid population per dentist who treats Medicaid patients	2,266:1	1,277:1
Number of OPTIONS dentists	2	963
Ratio of low-income patients per OPTIONS dentist	3,795:1	3,817:1
Number of safety net dental clinics	0	112
Number of Dental Health Professional Shortage Areas (HPSA)	0	71

26) Source: 2011, Ohio Department of Health, Oral Health Data & Reports

Oral Health Care Access of Children and Adults	Putnam County	Ohio
Percent with a dental visit in the last year		
< 18 Years	69.5%	75.8%
18-64 Years	78.8%	60.3%
65+ Years	67.3%	56.0%
Percent who have never visited a dentist		
< 18 Years	18.6%	12.4%
18-64 Years	N/A	N/A
65+ Years	N/A	N/A
Percent uninsured for dental care		
< 18 Years	14.8%	17.0%
18-64 Years	21.8%	36.4%
65+ Years	78.3%	60.4%
Percent who could not receive needed dental care		
< 18 Years	2.3%	4.4%
18-64 Years	5.2%	14.8%
65+ Years	5.2%	4.8%

26) Source: 2011, Ohio Department of Health, Oral Health Data & Reports

Dental & Oral Health



26) Source: 2011, Ohio Department of Health, Oral Health Data & Reports

Mental Health/Alcohol & Drug Diagnoses

In 2013, 730 Putnam County residents utilized Pathways Counseling Center in Ottawa, OH, for mental health related issues. The primary diagnoses of this group are shown in the following table.

Primary Mental Health Diagnosis	
Diagnosis	Number
Adjustment Reactions	194
Depressive Disorders	189
Bipolar Disorders	98
Mood Disorders	62
Schizophrenia	56
Anxiety Disorders	40
Attention Deficit Disorders	35
Other	56
Total	730

27) Source: 2013, Pathways Counseling in Ottawa, OH, Statistics

In 2013, 190 Putnam County residents utilized Pathways Counseling Center for alcohol and drug related problems. The primary diagnoses for this group are listed in the following table.

Primary Alcohol/Drug Diagnosis	
Diagnosis	Number
Alcohol Dependence/Abuse	100
Cannabis Dependence/Abuse	38
Opioid Dependence/Abuse	20
Other	32
Total	190

27) Source: 2013, Pathways Counseling in Ottawa, OH, Statistics

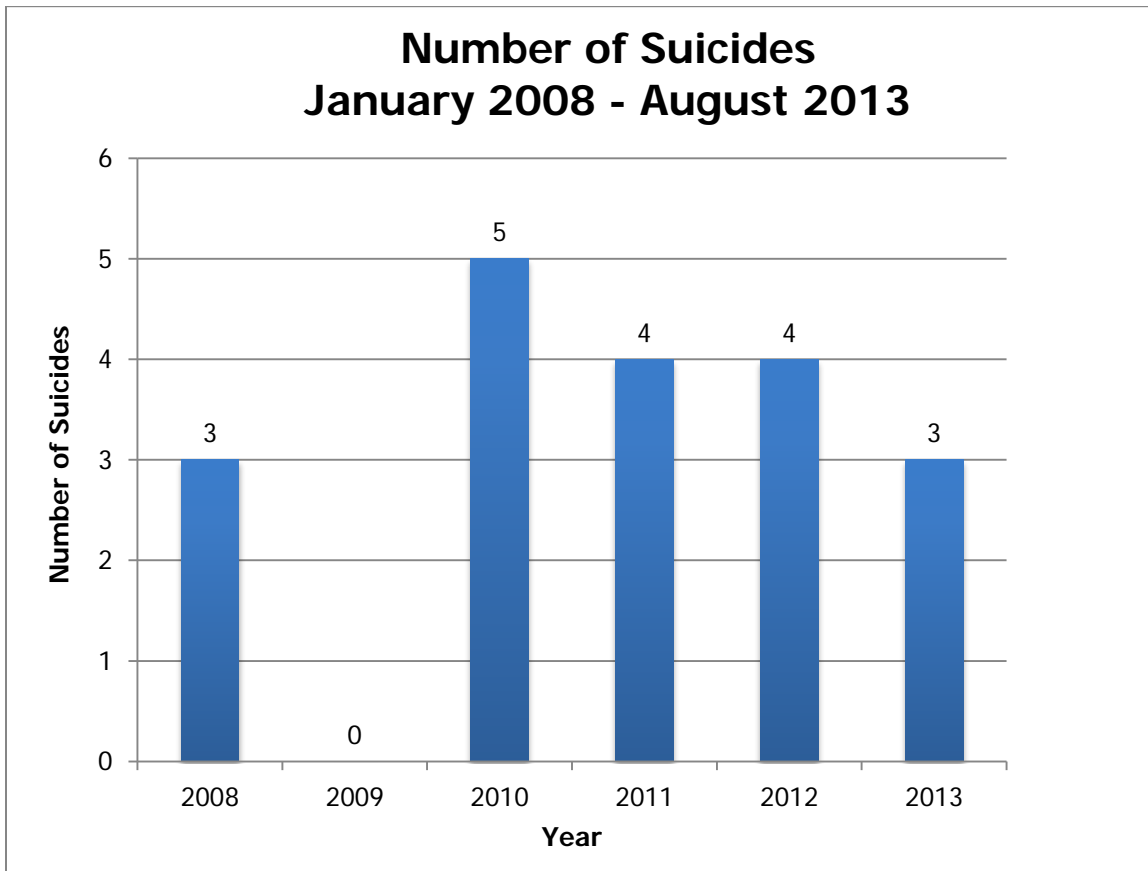
Mental Health/Alcohol & Drug Diagnoses

Suicide

Between January 2008 and August 2013 there were a total of 19 suicides in Putnam County. The mean age for this group was approximately 44 years old. The minimum age was 14 and the maximum age 76.

Gender	Number of Suicides
Male	15
Female	4

28) Source: 2008-2013, Putnam County Sheriff's Office, Putnam County Suicides



28) Source: 2008-2013, Putnam County Sheriff's Office, Putnam County Suicides

Youth PRIDE Data

The following data is taken from the 2012-2013 Putnam County Schools PRIDE Survey. This survey, administered to students in grades 6, 8, 10, & 12, focuses on Drug, Alcohol, & Tobacco use among students.

Core Measures

21.4% of Putnam County Students grades 6-12 reported using alcohol in the past 30 days; 8.7% reported using cigarettes or tobacco. Overall, a majority of students perceived some risk associated with the use of cigarettes or tobacco, alcohol, marijuana, and prescriptions drugs. Students were more likely to believe that their parents disapproved of the use of illicit substances than their peers.

Measure	Cig/Tobacco	Alcohol	Marijuana	Prescription Drugs
Past 30 Day Use	8.7	21.4	4.2	1.8
Perceived Risk	86.6	66.4	78.7	87.3
Parental Disapproval	92.8	90.1	96.3	96.4
Friends Disapproval	78.5	72.4	86.1	90.4

29) Source: 2012-2013, Putnam County Schools/Secondary, Ottawa, OH, Pride Surveys Questionnaire for Grades 6 thru 12 Standard Report

Percentage of Students Who Report Using Alcohol/Drugs

Tobacco/cigarettes, alcohol, and marijuana were the most common substances students reported using on an annual or monthly basis.

Drug	Annual	Monthly
Tobacco	13.3	6.9
Cigarettes	*	8.7
Alcohol	33.5	21.4
Marijuana	7.0	4.2
Cocaine	1.7	1.4
Inhalants	2.5	1.3
Hallucinogens	1.4	1.1
Heroin	1.4	1.1
Steroids	1.7	1.4
Ecstasy	1.6	1.2
Meth	1.4	1.1
Prescription Drugs	2.7	1.8
Over-the-Counter Drugs	2.5	1.6
Any Illicit Drug	8.9	5.1

29) Source: 2012-2013, Putnam County Schools/Secondary, Ottawa, OH, Pride Surveys Questionnaire for Grades 6 thru 12 Standard Report

Youth PRIDE Data

Where Students Report Using Alcohol/Drugs

Students were most likely to report using tobacco, alcohol, and marijuana at a friend's house but were most likely to use prescription drugs at home.

Drug	At Home	At School	In a Car	Friend's House	Other
Tobacco	3.9	0.7	3.9	6.5	5.3
Alcohol	13.0	0.5	2.6	17.9	8.8
Marijuana	1.5	0.6	1.6	3.6	3.1
Prescription Drugs	1.3	0.5	0.4	0.8	0.8

29) Source: 2012-2013, Putnam County Schools/Secondary, Ottawa, OH, Pride Surveys Questionnaire for Grades 6 thru 12 Standard Report

When Students Report Using Alcohol/Drugs

Students were most likely to report using tobacco, alcohol, marijuana, and prescription drugs during the weekend and least likely to report using these substances at school.

Drug	Before School	During School	After School	Week Night	Weekend
Tobacco	2.0	0.4	3.6	3.8	9.4
Alcohol	0.8	0.2	1.5	2.5	27.1
Marijuana	0.9	0.5	1.3	1.5	5.1
Prescription Drugs	0.6	0.4	0.8	0.9	1.8

29) Source: 2012-2013, Putnam County Schools/Secondary, Ottawa, OH, Pride Surveys Questionnaire for Grades 6 thru 12 Standard Report

Youth PRIDE Data

Risk Factors for Alcohol/Drug Use

Factor	% at Risk
Guns NOT at School	3.7
Guns AT School	1.5
Gang Activity	1.8
Contemplate Suicide	5.2
Trouble With Police	15.4
Threaten A Student With a Gun, Knife or Club	1.3
Threaten To Hurt A Student By Hitting, Slapping or Kicking	11.7
Hurt A Student With A Gun, Knife or Club	1.0
Hurt A Student By Hitting, Slapping or Kicking	8.6
Been Threatened With a Gun, Knife or Club	2.4
Had A Student Threaten To Hit, Slap or Kick	18.3
Been Afraid A Student May Hurt You	13.7
Been Hurt By A Student With A Gun, Knife or Club	1.0
Been Hurt By A Student By Hitting, Slapping or Kicking	12.5

29) Source: 2012-2013, Putnam County Schools/Secondary, Ottawa, OH, Pride Surveys Questionnaire for Grades 6 thru 12 Standard Report

Protective Factors for Alcohol/Drug Use

Factor	% Protected
Make Good Grades	79.4
Attend Church or Synagogue	64.7
Take Part in Community Activities	32.1
Take Part in School Activities	44.9
Teachers Talk About the Dangers of Drugs	33.3
Parents Talk About the Dangers of Drugs	29.8

29) Source: 2012-2013, Putnam County Schools/Secondary, Ottawa, OH, Pride Surveys Questionnaire for Grades 6 thru 12 Standard Report

Youth PRIDE Data

YBRS Comparative Data

The following statistics were culled from the *2011 Center for Disease Control's Ohio High School Youth Risk Behavior Survey* (OH YRBS):

- 27.1 percent of Ohio high school student respondents reported that they "Felt sad or hopeless almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the 12 months before the survey."
- 14.3 percent of respondents had "Seriously considered attempting suicide."
- 9.1 percent of Ohio YRBS respondents had "Attempted suicide one or more times during the 12 months before the survey."
- 21.0 percent of Ohio YRBS respondents "Rode with a driver who had been drinking alcohol one or more times in a car or other vehicle during the past 30 days before the survey."
- 7.2 percent of respondents "Drove when drinking alcohol one or more times in a car or other vehicle in the past 30 days before the survey."
- 51.5 percent of respondents reported having "Ever tried smoking."
- 70.7 percent of OH YRBS respondents have "Ever had at least one drink of alcohol on at least one day during their life."
- 38.0 percent of respondents indicated that they "Had at least one drink of alcohol on at least one day in the past 30 days."
- 23.7 percent reported that they had engaged in binge drinking which is defined as having "five or more drinks of alcohol in a row within a couple of hours on at least one day" (in the past 30 days).
- 42.8 percent of OH YRBS respondents "Ever tried marijuana one or more times during their life."
- 3.1 percent of respondents have "Ever used heroin one or more times."
- 41.8 percent of respondents have "Had sexual intercourse with at least one person." (in the 3 months before the survey).

Of the sexually active respondents:

- 18.5 percent drank alcohol or used drugs before last sexual intercourse
- 77.2 percent did not use birth control pills before last sexual intercourse
- 10.2 percent did not use any method to prevent pregnancy

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