Unlocking Opportunities

Stark County Indicators Report 2017

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Acknowledgements

The Stark County Indicators Report is a result of the past efforts of COMPASS (United Way), as well as, the 2010 Patient Protection and Affordable Care Act that required charitable hospitals to conduct a Community Health Needs Assessment (CHNA). *The Indicators Report* is only part of the needs assessment process, but would not be possible without the dedication of the Stark County CHNA Advisory Committee. The Advisory Committee is composed of 23 agencies and organizations knowledgeable in the area of health and social services.

The Advisory Committee provided oversight, direction and recommendations for *The Stark County Indicators Report*. Special thanks is extended to Amanda Archer, Epidemiologist at the Canton City Health Department and Kelly Potkay, Accreditation Coordinator/Health Educator at the Stark County Health Department for compiling, updating and formatting the secondary data for *The Indicators Report*.

We would also like to thank the committee members and community partners who provided data and/or reviewed and edited *The 2017 Stark County Indicators Report*.

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Introduction

Format

Each segment of *The Stark County Indicators Report* is made up of the following sections:

- Narrative - qualitative context surrounding the data
- Related Data - additional data related to the indicator
- Data - indicator in question
- Sources, Definitions, Caveats and/or Notes - source citation, meaning of word, term or phase, and additional explanatory information

Purpose

The Stark County Indicators Report was created to track trends at the county level, on a variety of data sets, to monitor the current health status of the community and predict possible future conditions. The Advisory Committee selected the indicators based on accuracy, availability, consistency, timeliness, history, and reporting. Indicators have been added and subtracted through committee discussion, based on availability of data to monitor over time and the usefulness of the data to the community.

How To Use This Report

The Indicators Report consists of narratives and selected data sets that are intended as a starting point in the exploration of the issues. Although indicators cannot be used to establish causal relationships between specific interventions and outcomes, they can be used to monitor progress toward outcomes over time. The indicators presented can play a critical role in documenting whether changes are occurring in the desired direction.

The brevity of the narratives is intentional. The content of the narratives is condensed and open to multiple interpretations. The narratives are intended to provide a context within which to interpret the data and to start discussions.

The 2017 Stark County Indicators Report includes the most current and up-to-date data available. To review older data not included in this Report please reference the *2014 Indicators Report*.

Please note that this document is best viewed/printed in color.

Stark County Demographics

Population
The overall population in Stark County has been slightly decreasing since 2014. Population growth or decline is positively correlated with the economic health of an area.

Racial
Stark County is racially and ethnically homogenous. Minority populations represent approximately 12 percent of the total population. While minority groups have increased in number, they still represent a very small, but increasing, portion of the population. Stark County is also racially and ethnically segregated. Minorities live in pockets within the county. The urban areas of Stark County (Alliance, Canton, and Massillon) have a much higher percentage of minorities than the suburban areas of the county.

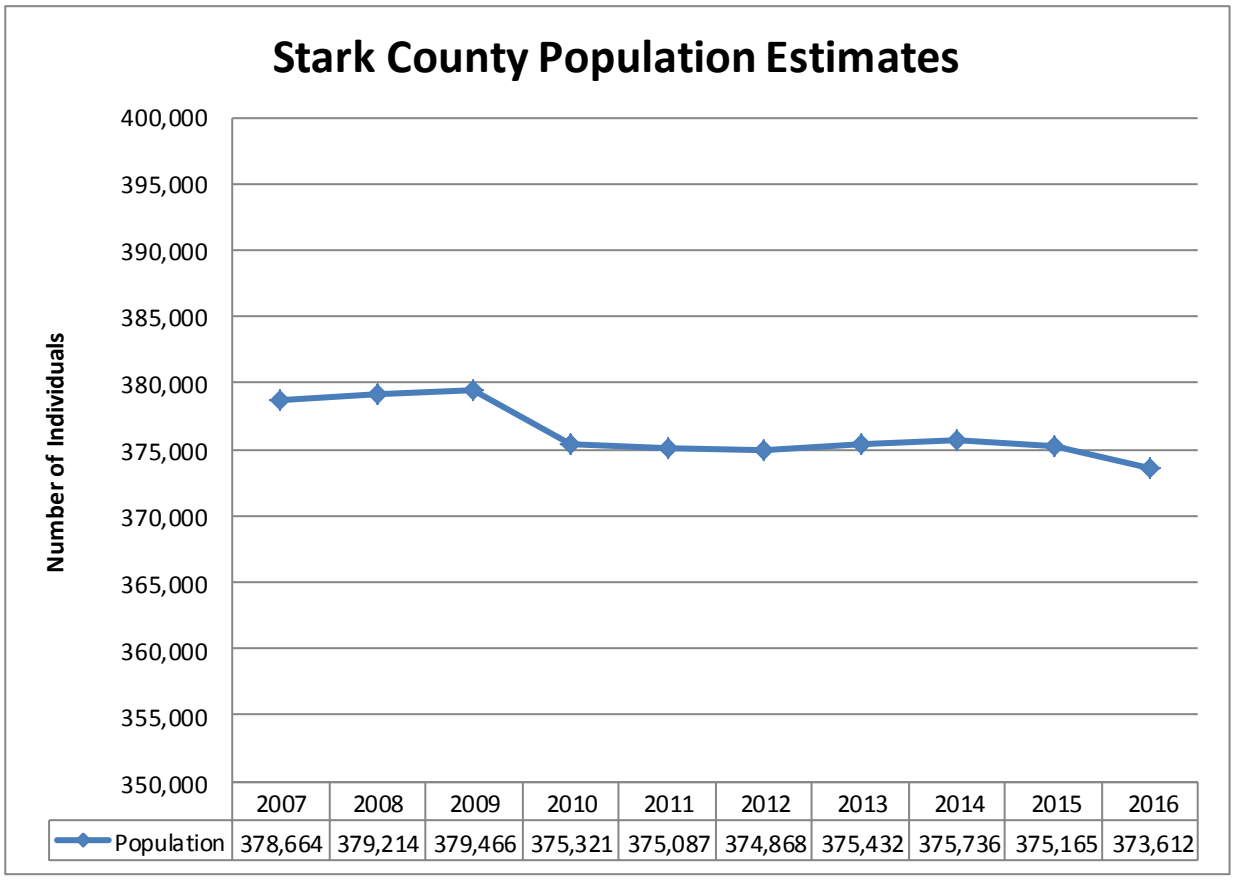
Age
The population in Stark County, like that of the state and the nation, is aging. The median age in Stark County is 41.6 years old which is 4.1 years older than the state median age and 3.7 years older than the national median age. The 65 and older population, represented 18.6 percent of the population in 2016.

Educational Attainment
There is a developing consensus that education and training beyond a high school diploma is seen as critical to the economic growth within Stark County. A college degree is not the only postsecondary educational option available in Stark County. Approximately 20.8 percent of Stark County adults 25 years and older have some college experience but no degree. These post educational opportunities can include skilled training, certifications and stackable certificates resulting in a degree. On average, there is a direct correlation between educational attainment, earnings and employment. Higher educational attainment is directly related to higher individual earnings and to lower rates of unemployment. Educational attainment is higher among younger population groups than in the older population.

Income
Stark County's standard measures of income (per capita, median family and median household) are above that of the state, but below that of the nation. Stark County residents earning an income between $35,000 and $149,999 increased during 2016. The total percent of the population living below poverty within Stark County has been decreasing since 2014. Currently 13.1 percent of the population live in poverty and female headed households, with children under the age of 5, are the largest group below poverty at 63.7 percent.

Employment
Unemployment has consistently remained at approximately 4 percent within Stark County since 2014. Population estimates from the Census Bureau show Stark County's population between 20 and 54 years of age is in the 40 percent tile.

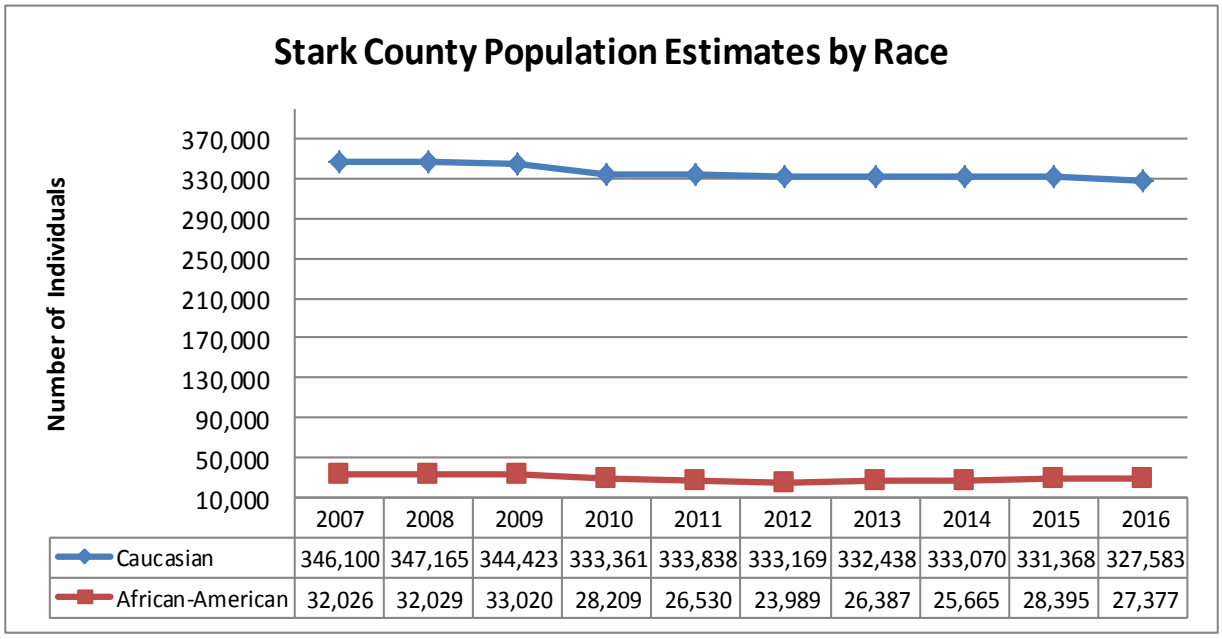
Stark County Demographics



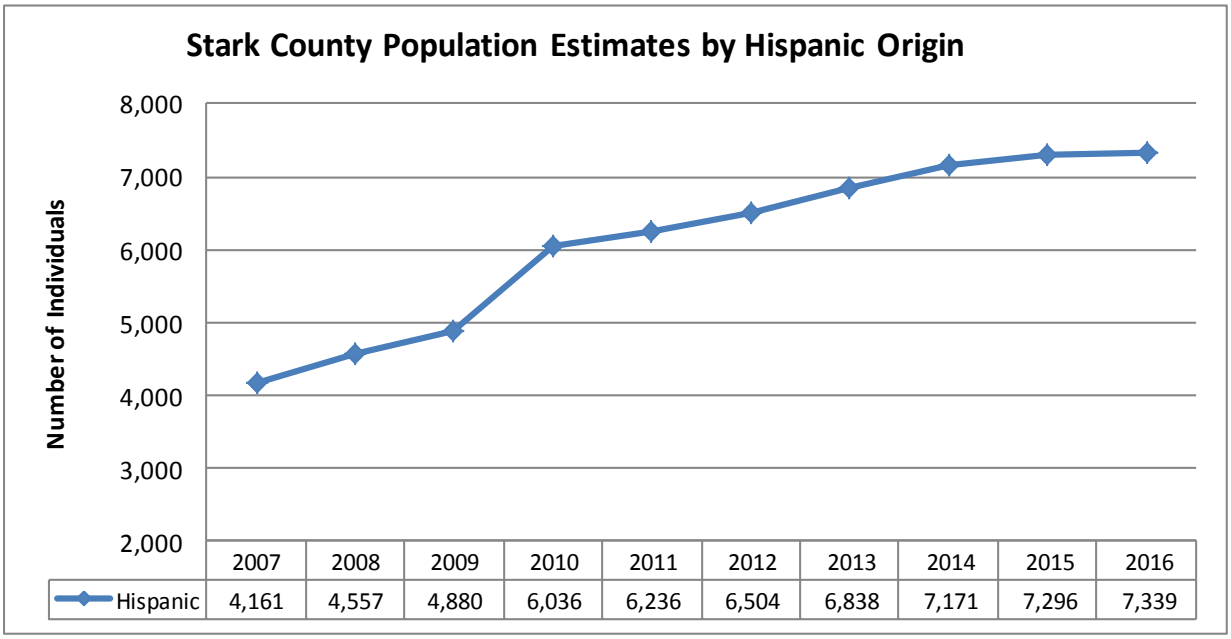
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Population	378,664	379,214	379,466	375,321	375,087	374,868	375,432	375,736	375,165	373,612

Source:
U.S. Census Bureau - American Community Survey (ACS)
Caveat:
Data are based on a sample and are subject to sampling variability.
Note:
The Population Estimates Program annually produces population estimates based upon the last decennial census. Each year, the estimates are re-calculated using the most up-to-date demographic components of change and legal boundaries available.

Stark County Demographics



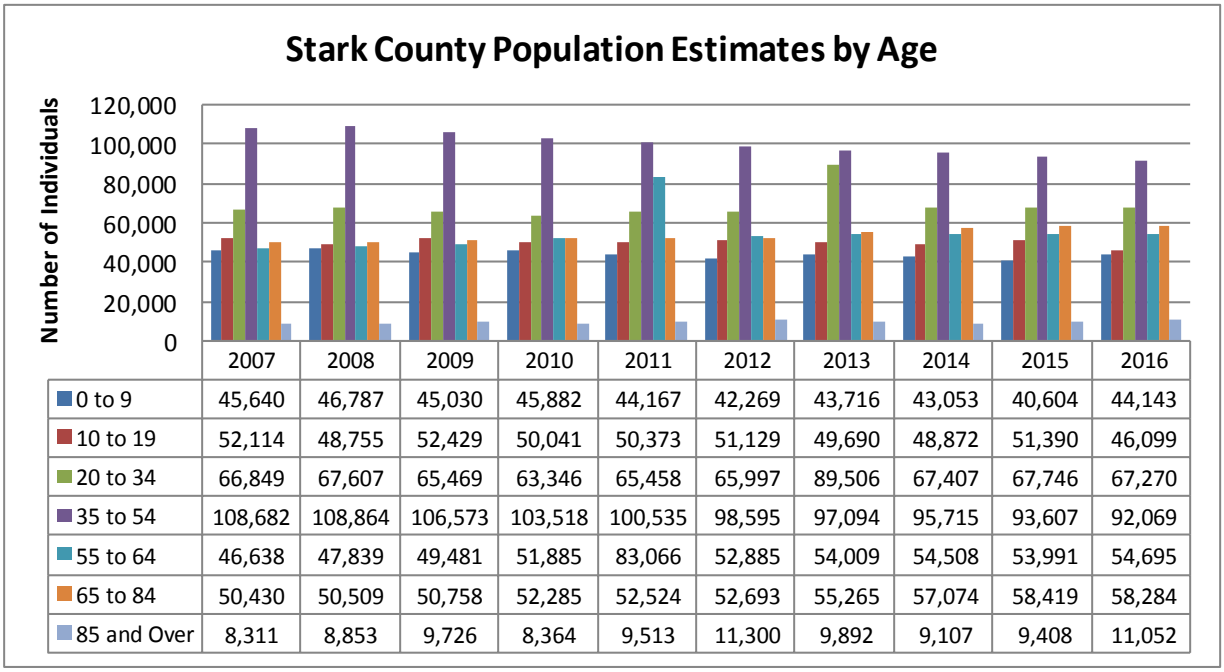
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Caucasian	346,100	347,165	344,423	333,361	333,838	333,169	332,438	333,070	331,368	327,583
African-American	32,026	32,029	33,020	28,209	26,530	23,989	26,387	25,665	28,395	27,377



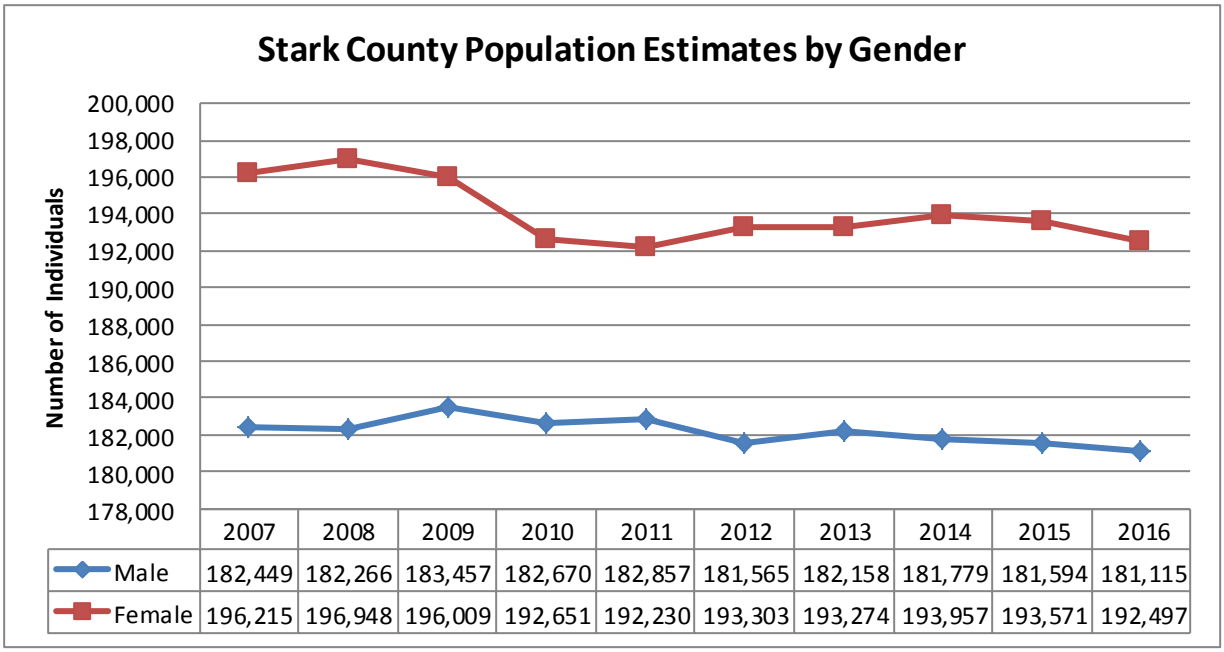
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Hispanic	4,161	4,557	4,880	6,036	6,236	6,504	6,838	7,171	7,296	7,339

Source:
U.S. Census Bureau - American Community Survey
Caveat:
Data are based on a sample and are subject to sampling variability.
Native Americans and Asian/Pacific Islanders are not reported due to small population size.
Changes in small populations can result in a large percent change.
Note:
Although the ACS produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates

Stark County Demographics



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
0 to 9	45,640	46,787	45,030	45,882	44,167	42,269	43,716	43,053	40,604	44,143
10 to 19	52,114	48,755	52,429	50,041	50,373	51,129	49,690	48,872	51,390	46,099
20 to 34	66,849	67,607	65,469	63,346	65,458	65,997	89,506	67,407	67,746	67,270
35 to 54	108,682	108,864	106,573	103,518	100,535	98,595	97,094	95,715	93,607	92,069
55 to 64	46,638	47,839	49,481	51,885	83,066	52,885	54,009	54,508	53,991	54,695
65 to 84	50,430	50,509	50,758	52,285	52,524	52,693	55,265	57,074	58,419	58,284
85 and Over	8,311	8,853	9,726	8,364	9,513	11,300	9,892	9,107	9,408	11,052



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Male	182,449	182,266	183,457	182,670	182,857	181,565	182,158	181,779	181,594	181,115
Female	196,215	196,948	196,009	192,651	192,230	193,303	193,274	193,957	193,571	192,497

Source:
U.S. Census Bureau - American Community Survey
Caveat:
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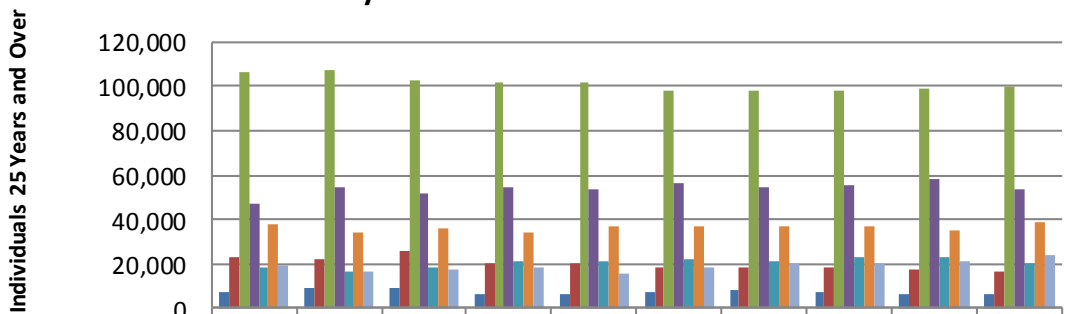
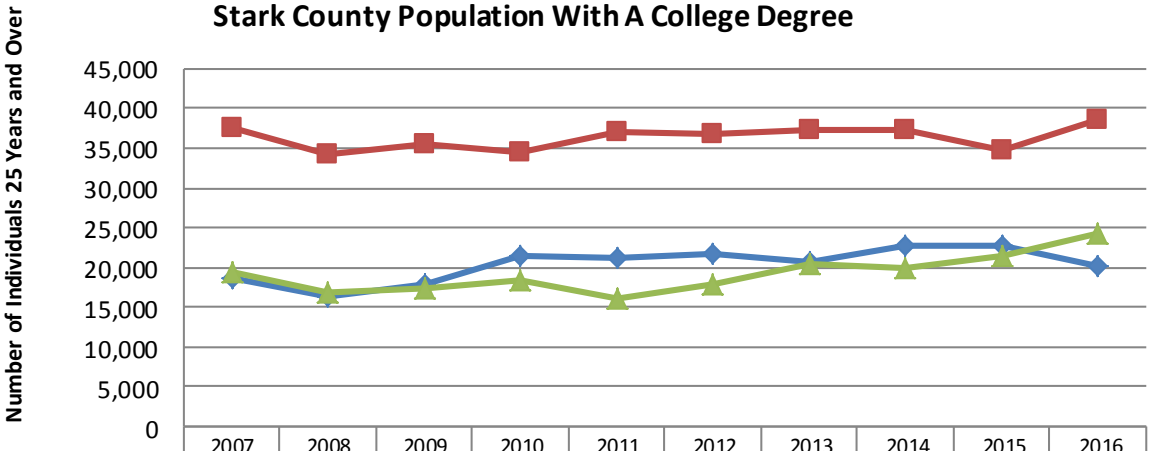
Stark County Demographics



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Less than 9th Grade	6,889	9,331	9,127	6,377	6,631	7,709	8,617	7,261	6,619	6,254
9th to 12th Grade, No Diploma	23,195	21,646	25,429	20,265	20,366	18,640	18,508	18,204	17,466	16,471
High School Graduate	106,048	107,607	102,605	101,691	101,955	97,647	98,517	98,178	98,606	99,899
Some College, No Degree	46,698	54,535	51,429	54,561	53,569	56,671	54,319	55,680	57,827	53,966
Associate Degree	18,646	16,245	17,931	21,524	21,268	21,784	20,793	22,628	22,803	20,225
Bachelor's Degree	37,556	34,232	35,573	34,464	37,159	36,758	37,215	37,324	34,811	38,534
Graduate or Professional Degree	19,467	16,866	17,292	18,298	15,985	17,932	20,317	20,007	21,576	24,353



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Associate Degree	18,646	16,245	17,931	21,524	21,268	21,784	20,793	22,628	22,803	20,225
Bachelor's Degree	37,556	34,232	35,573	34,464	37,159	36,758	37,215	37,324	34,811	38,534
Graduate or Professional Degree	19,467	16,866	17,292	18,298	15,985	17,932	20,317	20,007	21,576	24,353

Source:
U.S. Census Bureau - American Community Survey
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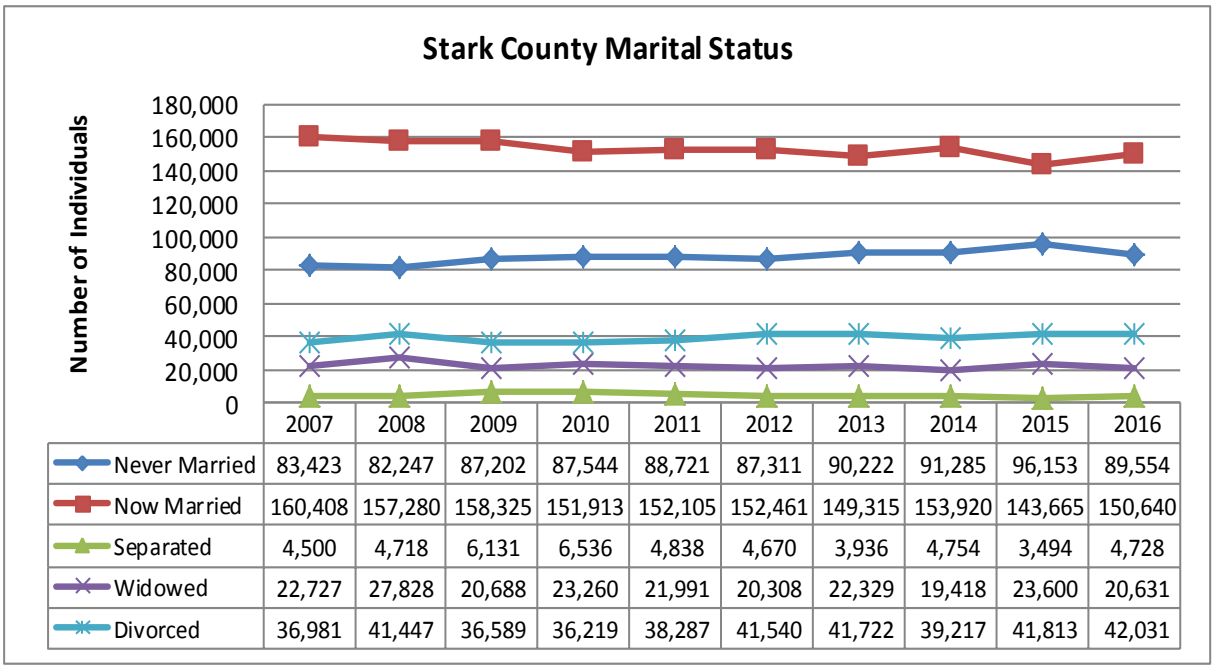
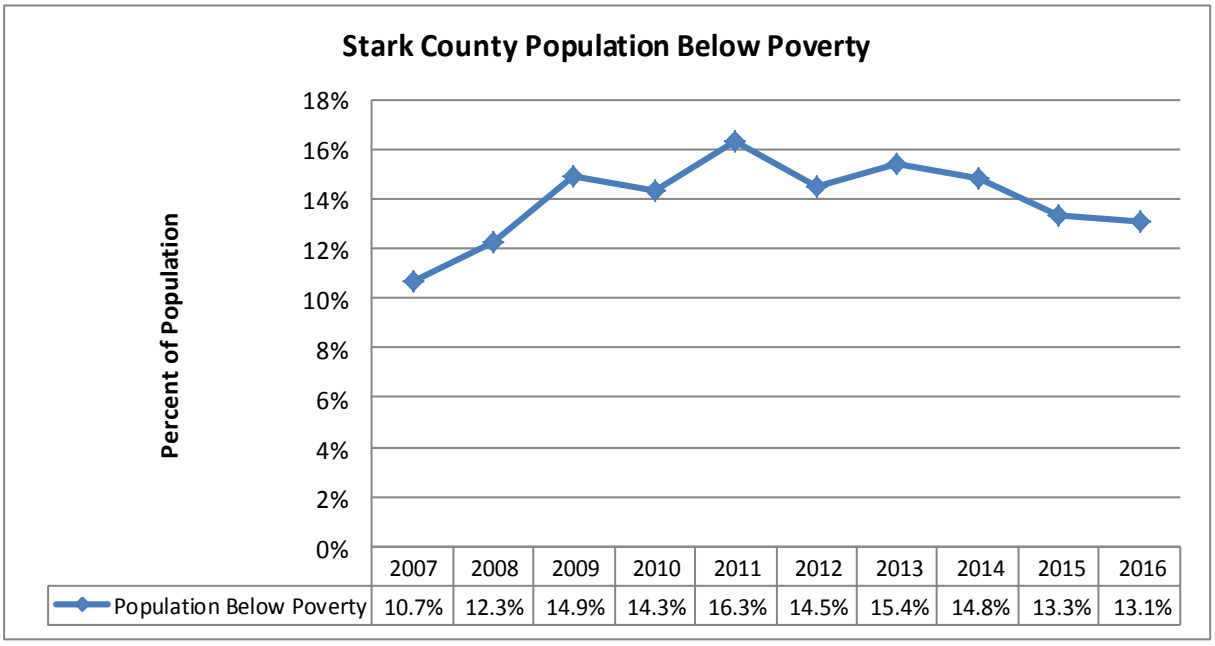
Stark County Demographics



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Never Married	83,423	82,247	87,202	87,544	88,721	87,311	90,222	91,285	96,153	89,554
Now Married	160,408	157,280	158,325	151,913	152,105	152,461	149,315	153,920	143,665	150,640
Separated	4,500	4,718	6,131	6,536	4,838	4,670	3,936	4,754	3,494	4,728
Widowed	22,727	27,828	20,688	23,260	21,991	20,308	22,329	19,418	23,600	20,631
Divorced	36,981	41,447	36,589	36,219	38,287	41,540	41,722	39,217	41,813	42,031



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Population Below Poverty	10.7%	12.3%	14.9%	14.3%	16.3%	14.5%	15.4%	14.8%	13.3%	13.1%

Source:
U.S. Census Bureau - American Community Survey
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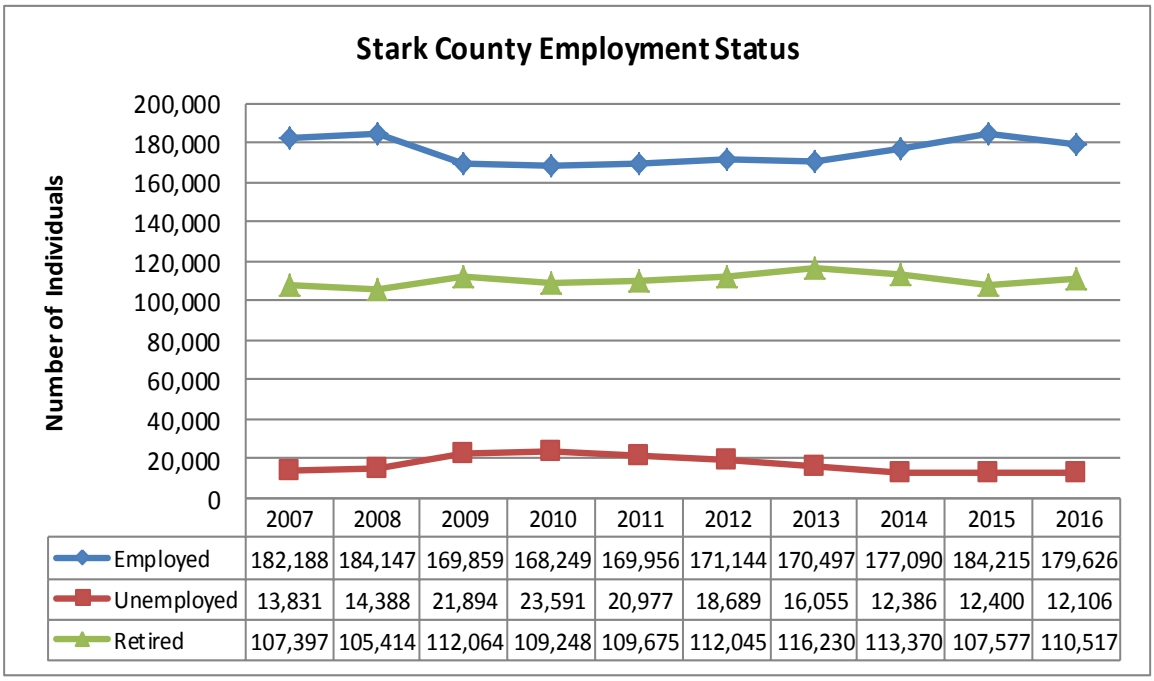
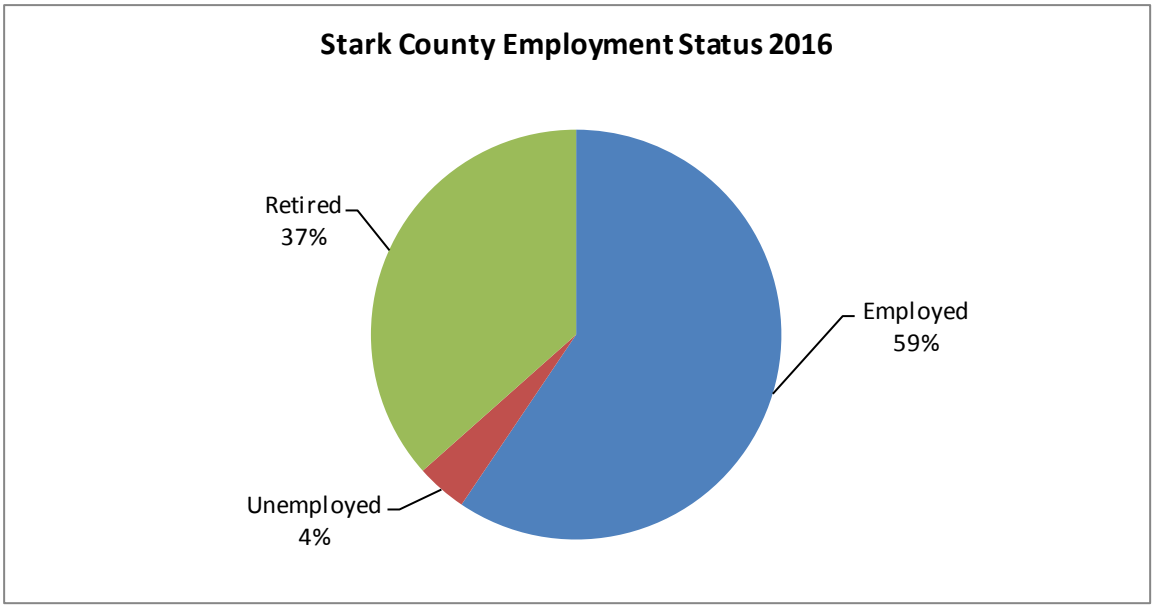
Stark County Demographics



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Employed	182,188	184,147	169,859	168,249	169,956	171,144	170,497	177,090	184,215	179,626
Unemployed	13,831	14,388	21,894	23,591	20,977	18,689	16,055	12,386	12,400	12,106
Retired	107,397	105,414	112,064	109,248	109,675	112,045	116,230	113,370	107,577	110,517



Source:
U.S. Census Bureau - American Community Survey
Caveat:
Data are based on a sample and are subject to sampling variability.
Employment and unemployment estimates may vary from the official labor force data released by the Bureau of Labor Statistics because of differences in survey design and data collection.
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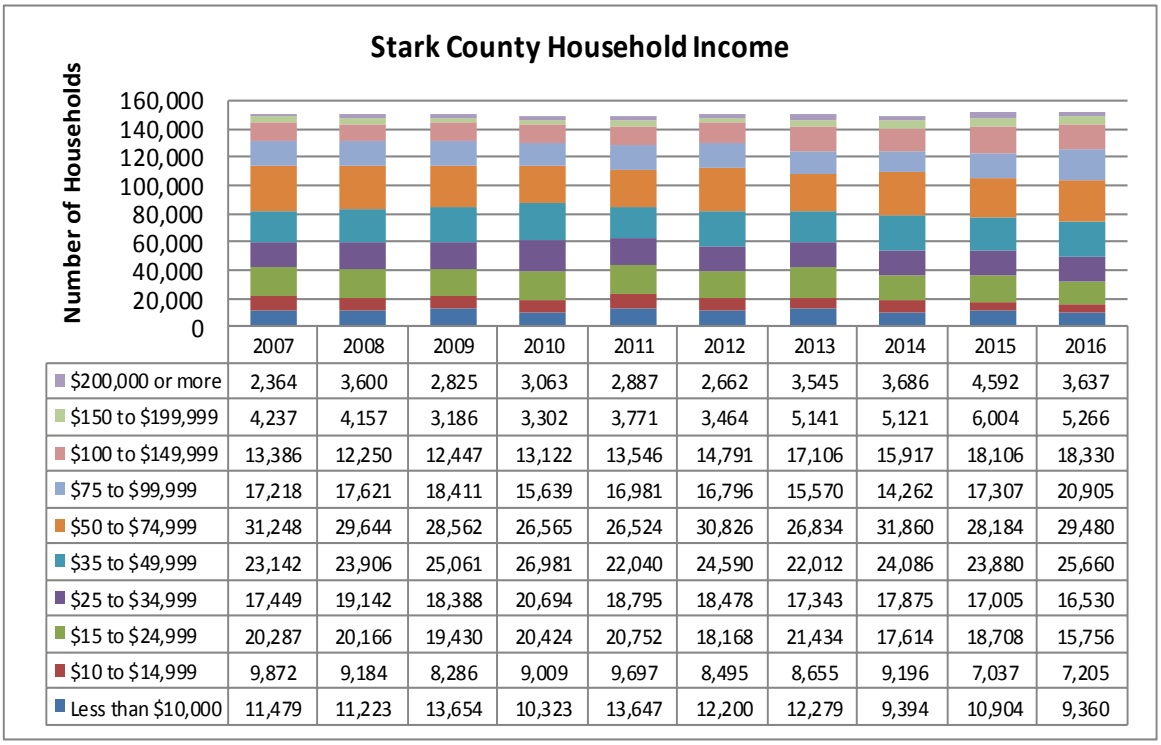
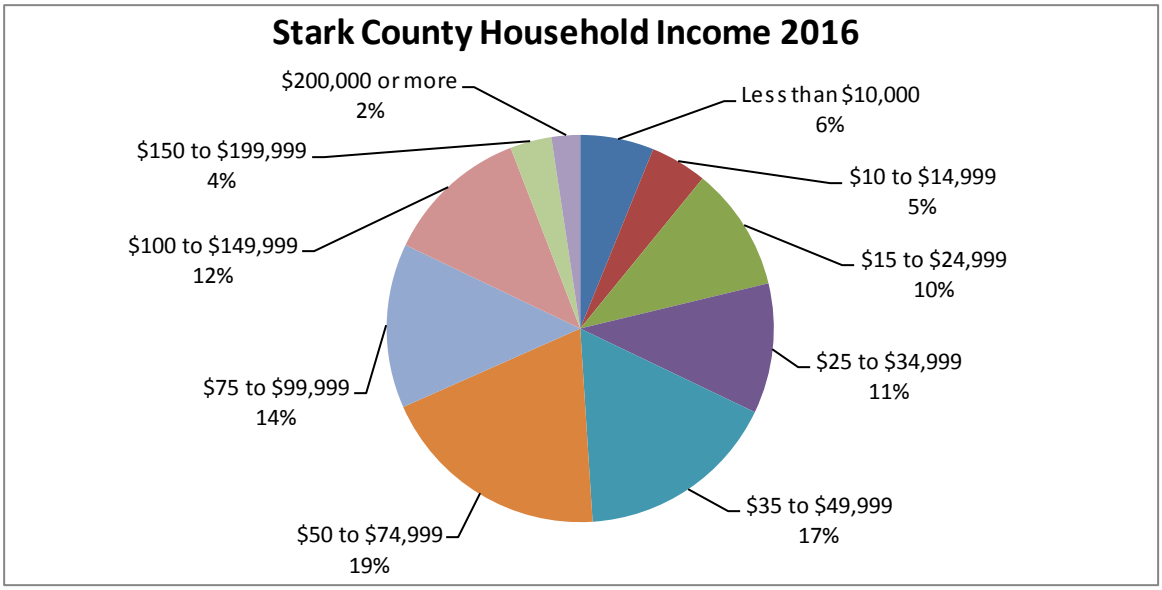
Stark County Demographics



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
$200,000 or more	2,364	3,600	2,825	3,063	2,887	2,662	3,545	3,686	4,592	3,637
$150 to $199,999	4,237	4,157	3,186	3,302	3,771	3,464	5,141	5,121	6,004	5,266
$100 to $149,999	13,386	12,250	12,447	13,122	13,546	14,791	17,106	15,917	18,106	18,330
$75 to $99,999	17,218	17,621	18,411	15,639	16,981	16,796	15,570	14,262	17,307	20,905
$50 to $74,999	31,248	29,644	28,562	26,565	26,524	30,826	26,834	31,860	28,184	29,480
$35 to $49,999	23,142	23,906	25,061	26,981	22,040	24,590	22,012	24,086	23,880	25,660
$25 to $34,999	17,449	19,142	18,388	20,694	18,795	18,478	17,343	17,875	17,005	16,530
$15 to $24,999	20,287	20,166	19,430	20,424	20,752	18,168	21,434	17,614	18,708	15,756
$10 to $14,999	9,872	9,184	8,286	9,009	9,697	8,495	8,655	9,196	7,037	7,205
Less than $10,000	11,479	11,223	13,654	10,323	13,647	12,200	12,279	9,394	10,904	9,360



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Stark County Narrative

Physical Health

The environment, nutrition, accidents, illness and age are factors that affect physical health. A higher infant mortality rate in the African-American population and an increase in sexually transmitted infections (STIs) are negative trends that are emerging locally. In Stark County there are significant disparities between the Caucasian and African-American populations including prenatal care, birth weights, infant mortality rates, and STIs. Health disparities are differences that can be seen in specific populations of a community in relation to diseases, health outcomes or quality of health care received. Several variables impacting disparities are health behaviors, status before care, access to healthcare and health care delivery.

Behavioral Health

Behavioral health includes mental health, substance abuse treatment and prevention services. Many affected with metal illness do not seek or receive the treatment needed. Barriers to accessing treatment include stigma, lack of or inadequate insurance coverage, limited program capacity and wait time. The highest rates of mental illness are among adults aged twenty-five to thirty-four years old. Depressive, bipolar, anxiety, alcohol abuse, and opioid use disorders are the most frequent diagnoses among adults. The leading diagnoses for children are adjustment, conduct, attention deficit, anxiety, and depressive disorders. Unintentional drug overdose deaths continue to be a concern, while unintended interactions are a cause of death, most poisonings seem to be linked to recreational use.

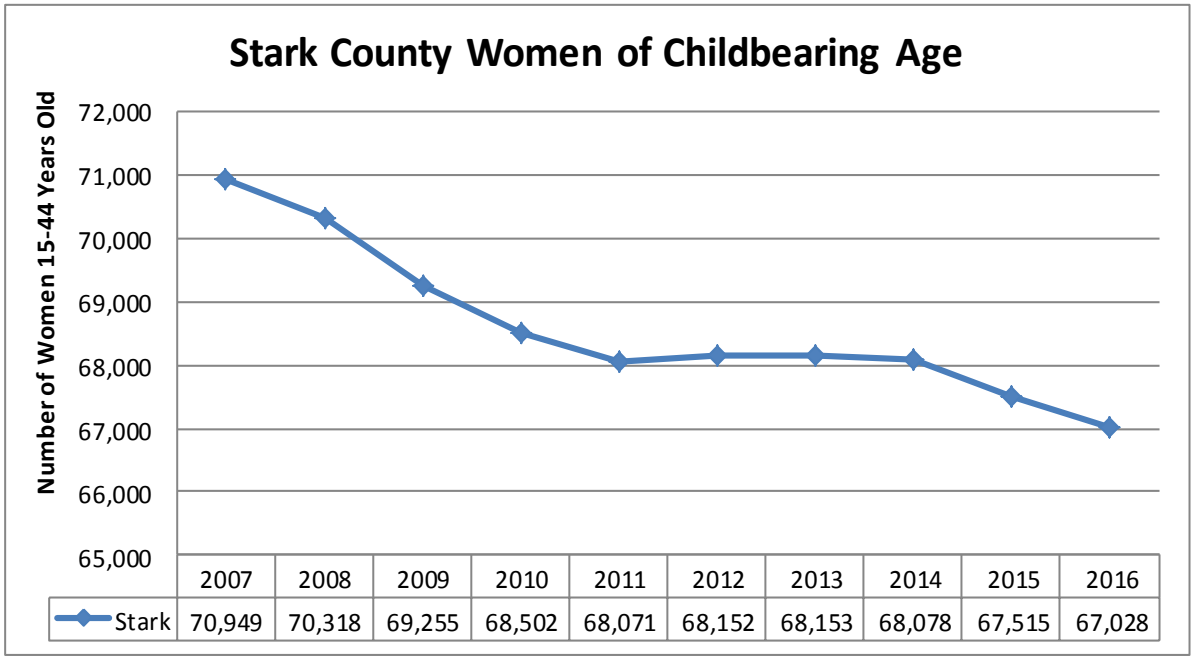
Access to HealthCare

As the cost of health insurance continues to rise, the demand for healthcare services at a free/sliding fee is increasing. More than fifteen thousand Stark County residents are without health insurance and the number of individuals who are underinsured continues to increase. Of concern are individuals between the age of thirty and sixty-four with chronic medical problems who have difficulty maintaining employment but are not medically disabled. Even if an individual is Medicaid eligible, few healthcare providers, especially specialists, are willing to accept new Medicaid patients. Having insurance does not guarantee easy access to affordable, quality care. Businesses that offer health insurance have increased the employee premium contribution and/or increased the deductible paid by the employee, often making medical coverage more difficult to afford.

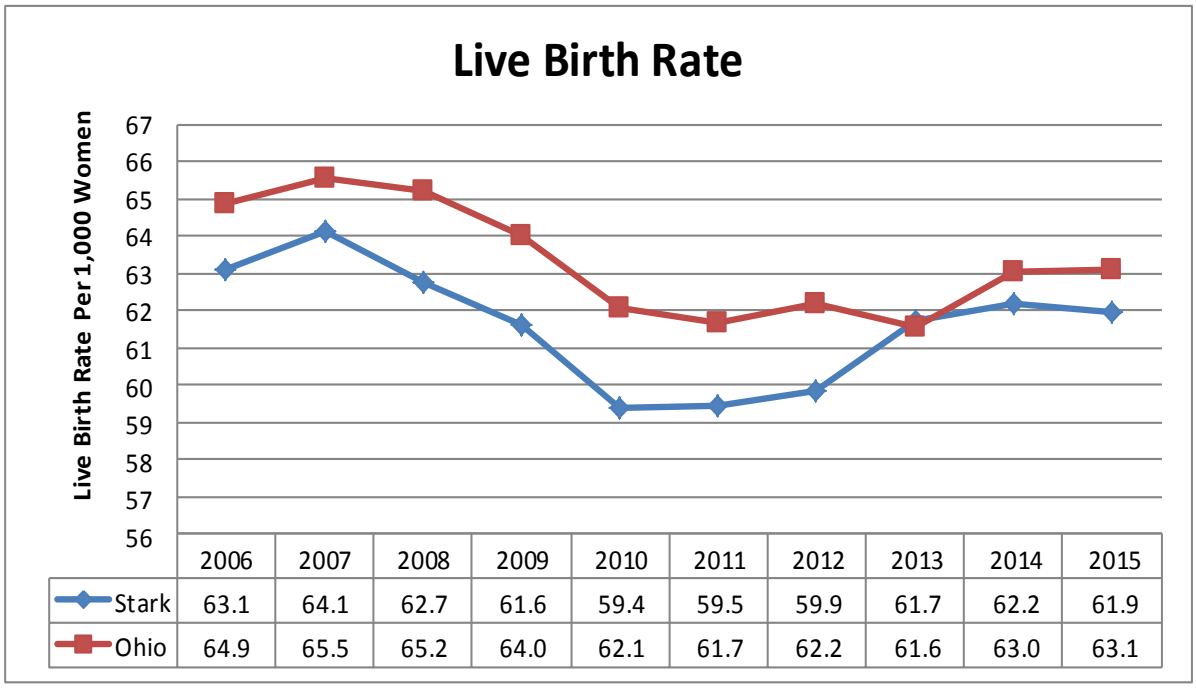
Environmental Health

On average 98 percent of days in Stark County have been between good to moderate range for the air quality index (AQI). Air quality is measured by ozone, carbon monoxide and particulate matter. As air quality degrades, the air becomes unhealthy for adults and children with respiratory ailments such as asthma or heart disease. Two pollutants of concern are ozone and particulate matter. In the Earth's lower atmosphere, near ground level, ozone is formed when pollutants emitted by cars, power plants, industrial boilers, refineries, chemical plants, and other sources react chemically in the presence of sunlight. Particulate matter less than 2.5 micrometers in diameter are called "fine" particles. These fine particles can lodge deep within the respiratory system causing potential problems for sensitive groups. Sources of fine particles include all types of combustion, including motor vehicles, power plants, residential wood burning, forest fires, agricultural burning, and some industrial processes.

Physical Health



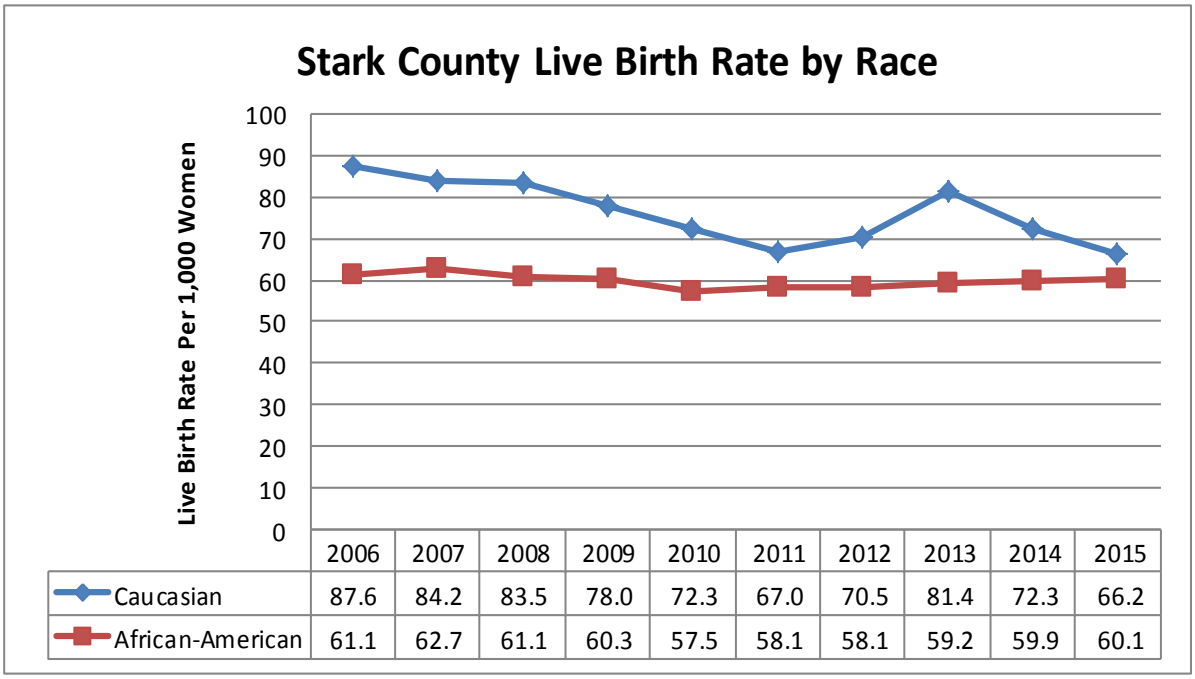
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Stark	70,949	70,318	69,255	68,502	68,071	68,152	68,153	68,078	67,515	67,028



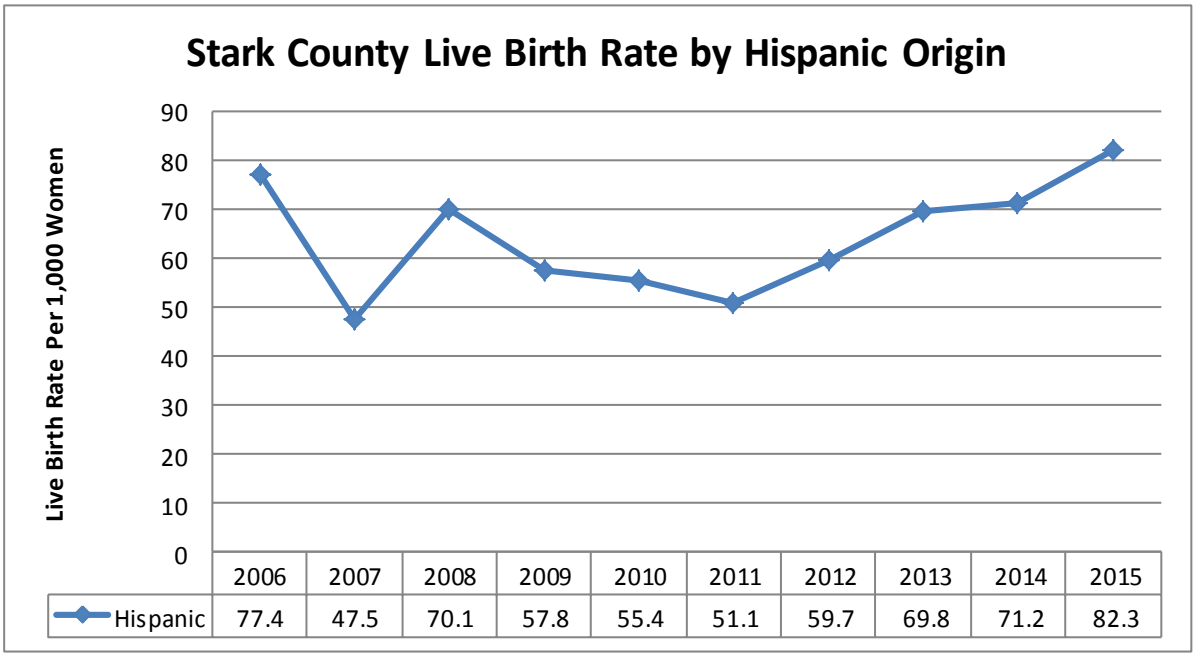
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Stark	63.1	64.1	62.7	61.6	59.4	59.5	59.9	61.7	62.2	61.9
Ohio	64.9	65.5	65.2	64.0	62.1	61.7	62.2	61.6	63.0	63.1

Source:
Ohio Department of Health - Ohio Public Health Data Warehouse, Population Data-MCH
Definition:
Women of Childbearing Age: women between 15 to 44 years of age
Birth Rate: Number of births per 1,000 women of childbearing age
Caveat:
The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations or conclusions.

Physical Health



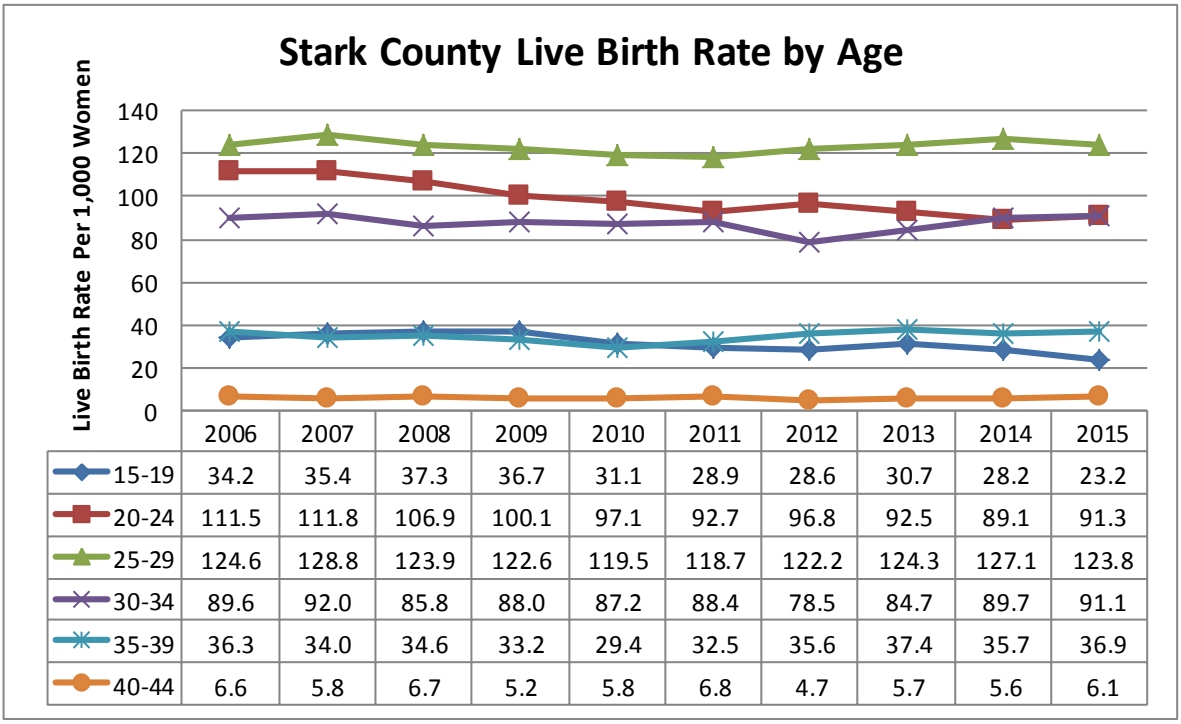
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Caucasian	87.6	84.2	83.5	78.0	72.3	67.0	70.5	81.4	72.3	66.2
African-American	61.1	62.7	61.1	60.3	57.5	58.1	58.1	59.2	59.9	60.1



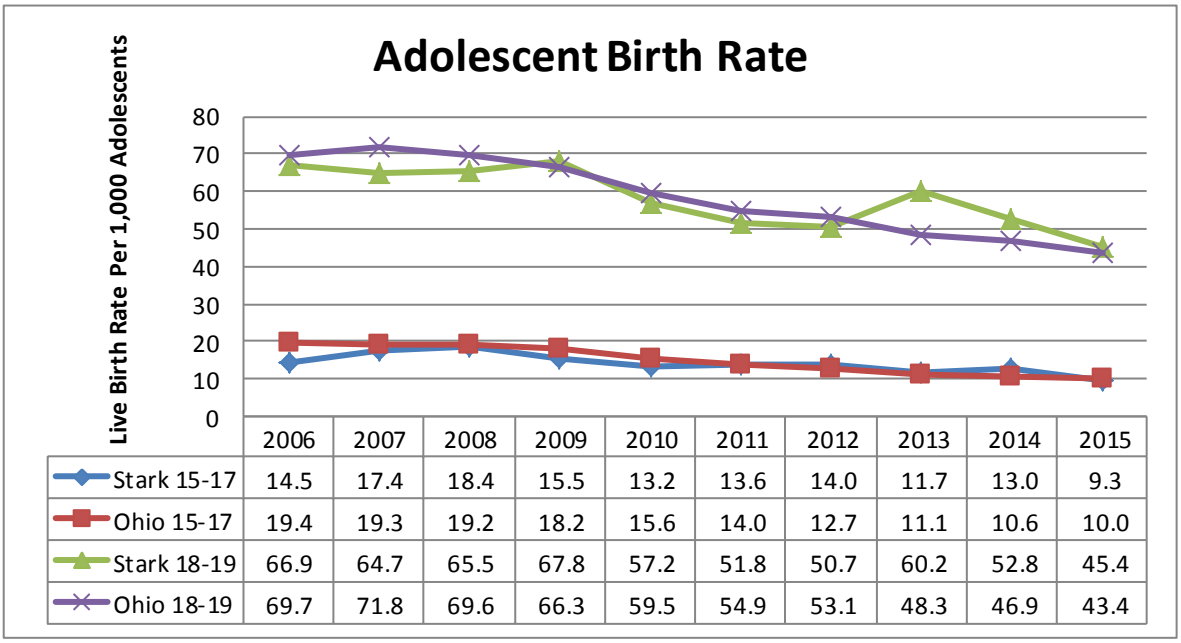
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Hispanic	77.4	47.5	70.1	57.8	55.4	51.1	59.7	69.8	71.2	82.3

Source:
Ohio Department of Health - Secure Data Warehouse
Definition:
Birth Rate: Number of births per 1,000 women of childbearing age (15 to 44 years of age)
Women of Childbearing Age: women between 15 to 44 years of age
Caveat:
Native Americans, Asian and Pacific Islanders not reported due to small numbers.

Physical Health



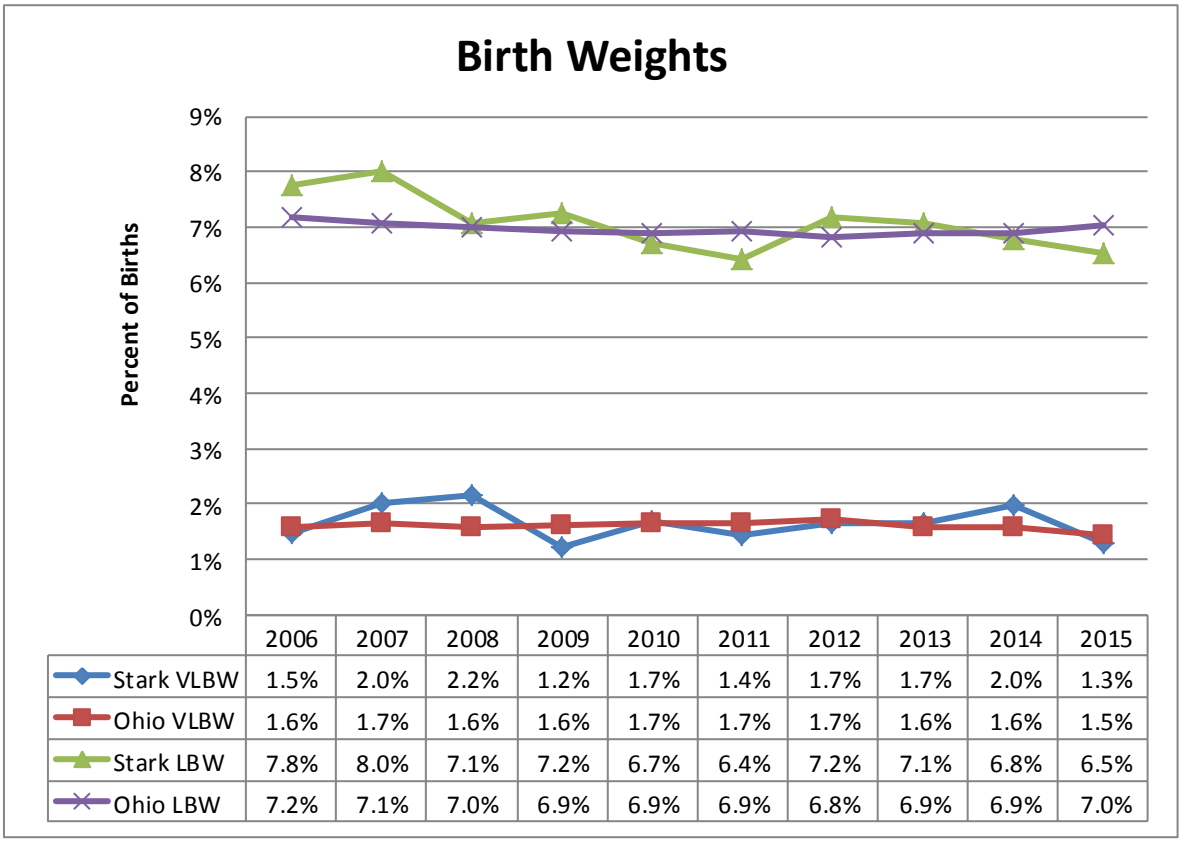
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
15-19	34.2	35.4	37.3	36.7	31.1	28.9	28.6	30.7	28.2	23.2
20-24	111.5	111.8	106.9	100.1	97.1	92.7	96.8	92.5	89.1	91.3
25-29	124.6	128.8	123.9	122.6	119.5	118.7	122.2	124.3	127.1	123.8
30-34	89.6	92.0	85.8	88.0	87.2	88.4	78.5	84.7	89.7	91.1
35-39	36.3	34.0	34.6	33.2	29.4	32.5	35.6	37.4	35.7	36.9
40-44	6.6	5.8	6.7	5.2	5.8	6.8	4.7	5.7	5.6	6.1



	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Stark 15-17	14.5	17.4	18.4	15.5	13.2	13.6	14.0	11.7	13.0	9.3
Ohio 15-17	19.4	19.3	19.2	18.2	15.6	14.0	12.7	11.1	10.6	10.0
Stark 18-19	66.9	64.7	65.5	67.8	57.2	51.8	50.7	60.2	52.8	45.4
Ohio 18-19	69.7	71.8	69.6	66.3	59.5	54.9	53.1	48.3	46.9	43.4

Source:
Ohio Department of Health - Secure Data Warehouse
Definition:
Birth Rate: Number of births per 1,000 women of childbearing age (15 to 44 years of age)
Adolescent Rate: Number of births per 1,000 adolescent women (15-19 years of age)

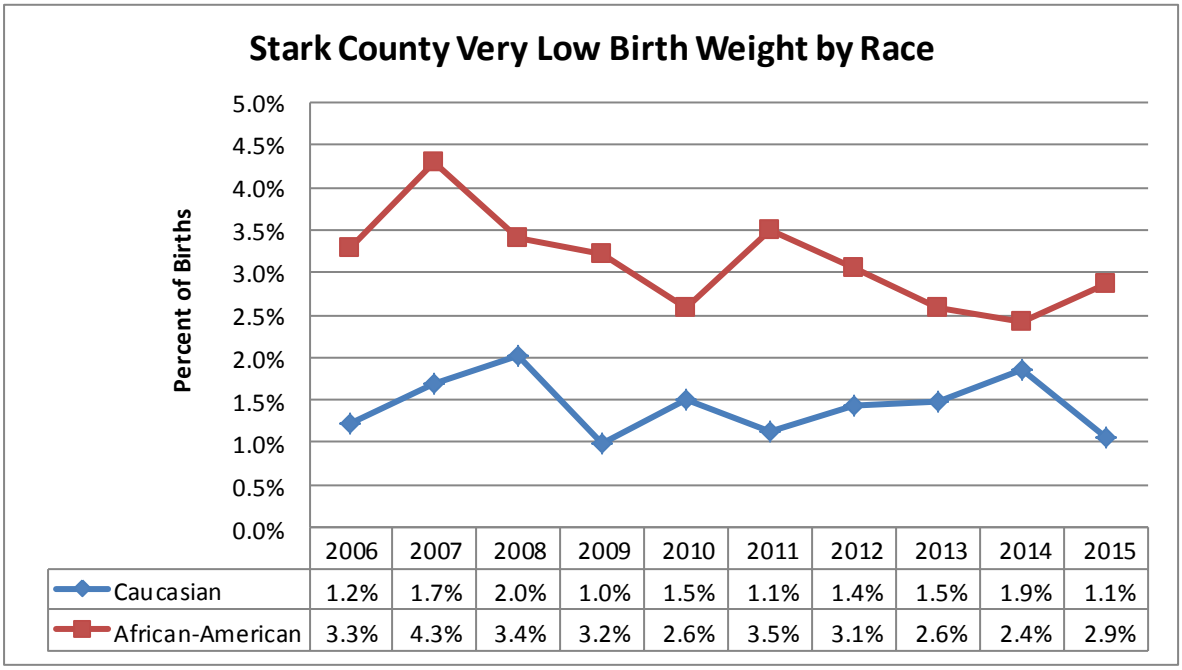
Physical Health



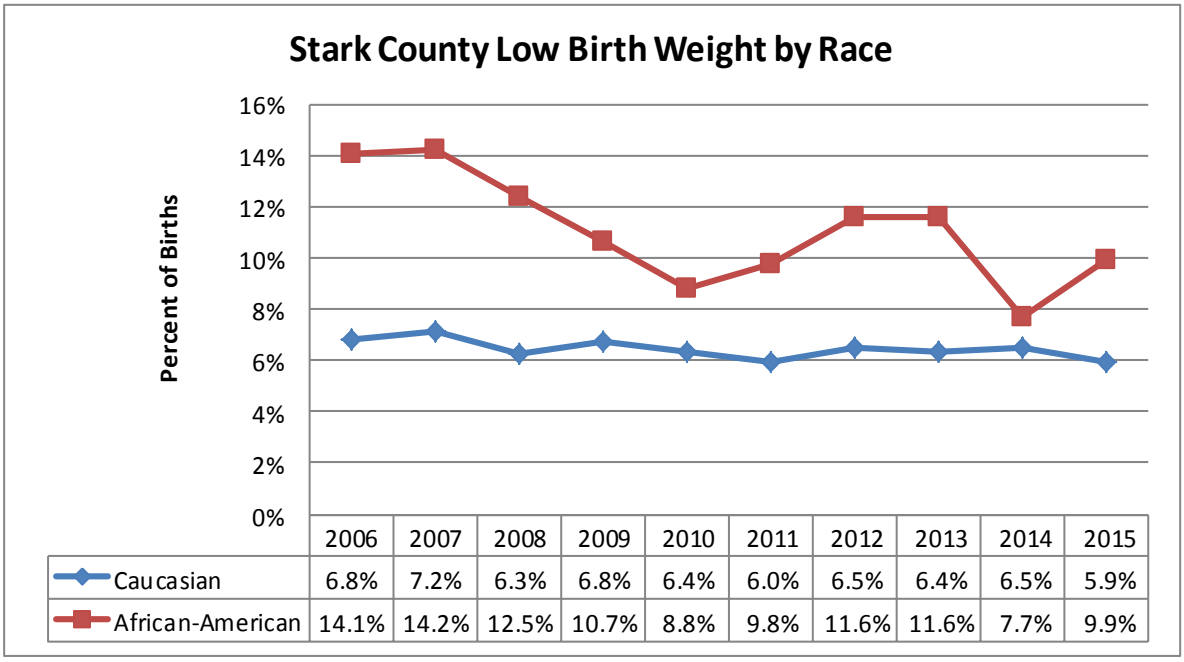
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Stark VLBW	1.5%	2.0%	2.2%	1.2%	1.7%	1.4%	1.7%	1.7%	2.0%	1.3%
Ohio VLBW	1.6%	1.7%	1.6%	1.6%	1.7%	1.7%	1.7%	1.6%	1.6%	1.5%
Stark LBW	7.8%	8.0%	7.1%	7.2%	6.7%	6.4%	7.2%	7.1%	6.8%	6.5%
Ohio LBW	7.2%	7.1%	7.0%	6.9%	6.9%	6.9%	6.8%	6.9%	6.9%	7.0%

Source:
Ohio Department of Health - Secure Data Warehouse
Definition:
Birth Weight - The percent of births with known weight
Very Low Birth Weight (VLBW) - Births of weight between 0 to 1,499 grams
Low Birth Weight (LBW) - Births of weight between 1,500 to 2,499 grams

Physical Health



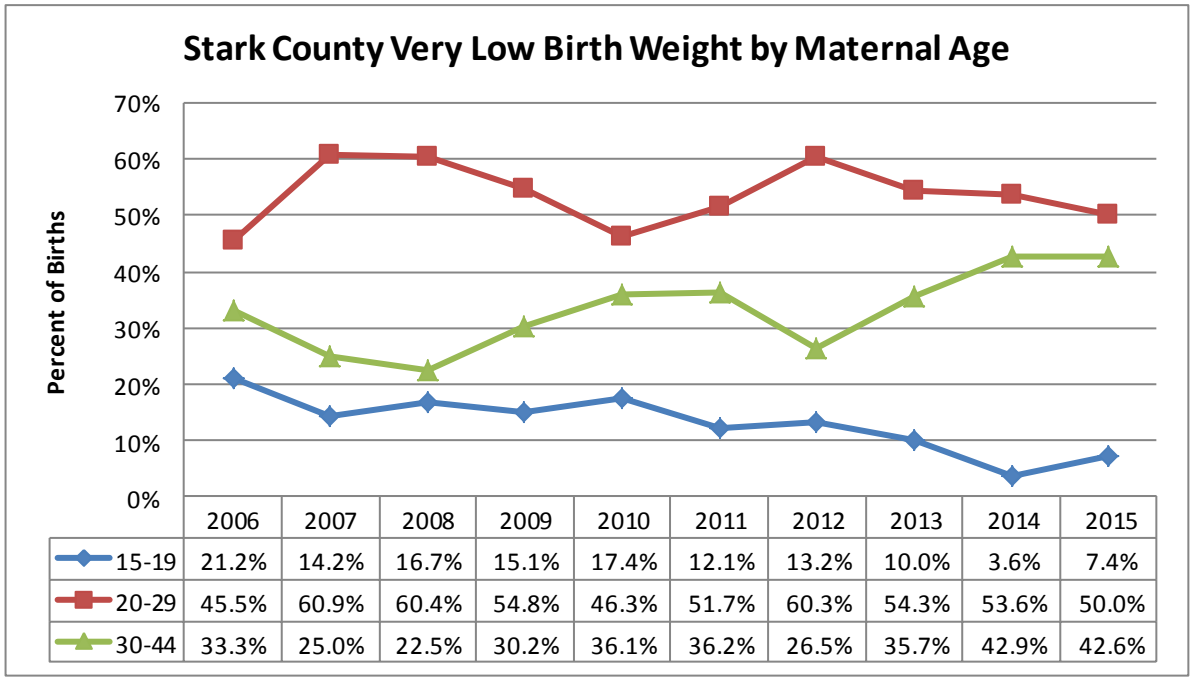
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Caucasian	1.2%	1.7%	2.0%	1.0%	1.5%	1.1%	1.4%	1.5%	1.9%	1.1%
African-American	3.3%	4.3%	3.4%	3.2%	2.6%	3.5%	3.1%	2.6%	2.4%	2.9%



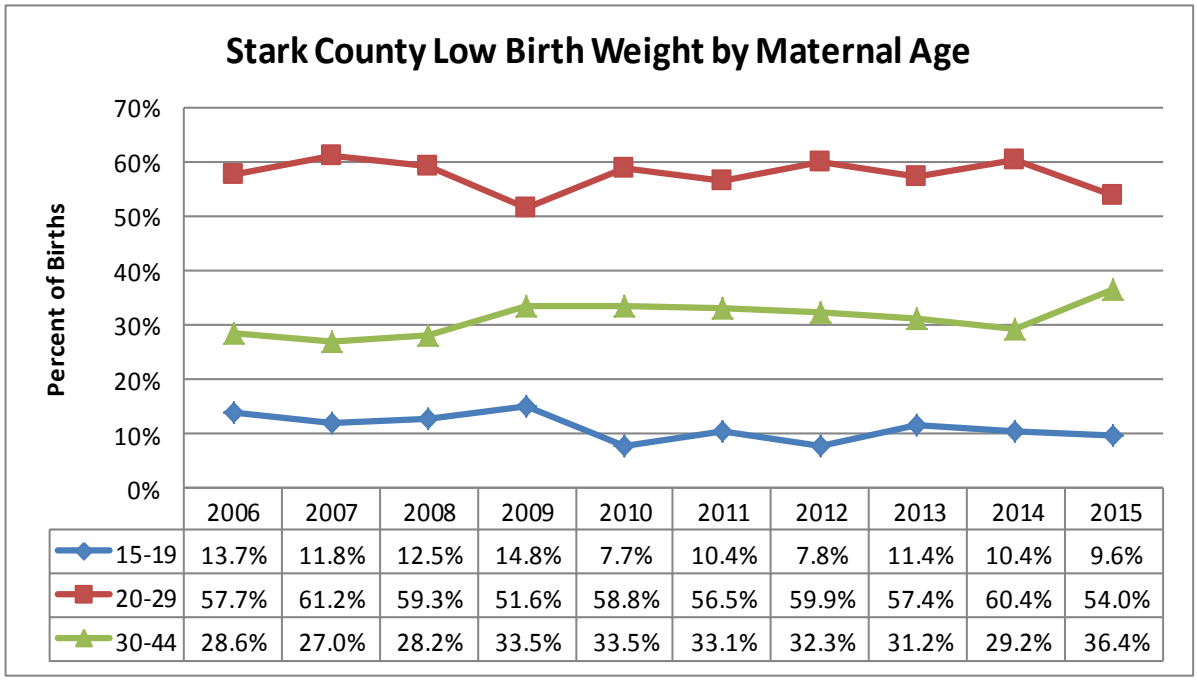
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Caucasian	6.8%	7.2%	6.3%	6.8%	6.4%	6.0%	6.5%	6.4%	6.5%	5.9%
African-American	14.1%	14.2%	12.5%	10.7%	8.8%	9.8%	11.6%	11.6%	7.7%	9.9%

Source:
Ohio Department of Health - Secure Data Warehouse
Definition:
Birth Weight - The percent of births with known weight
Very Low Birth Weight (VLBW) - Births of weight between 0 to 1,499 grams
Low Birth Weight (LBW) - Births of weight between 1,500 to 2,499 grams
Caveat:
Native Americans and Asian/Pacific Islanders are not reported due to small population size.

Physical Health



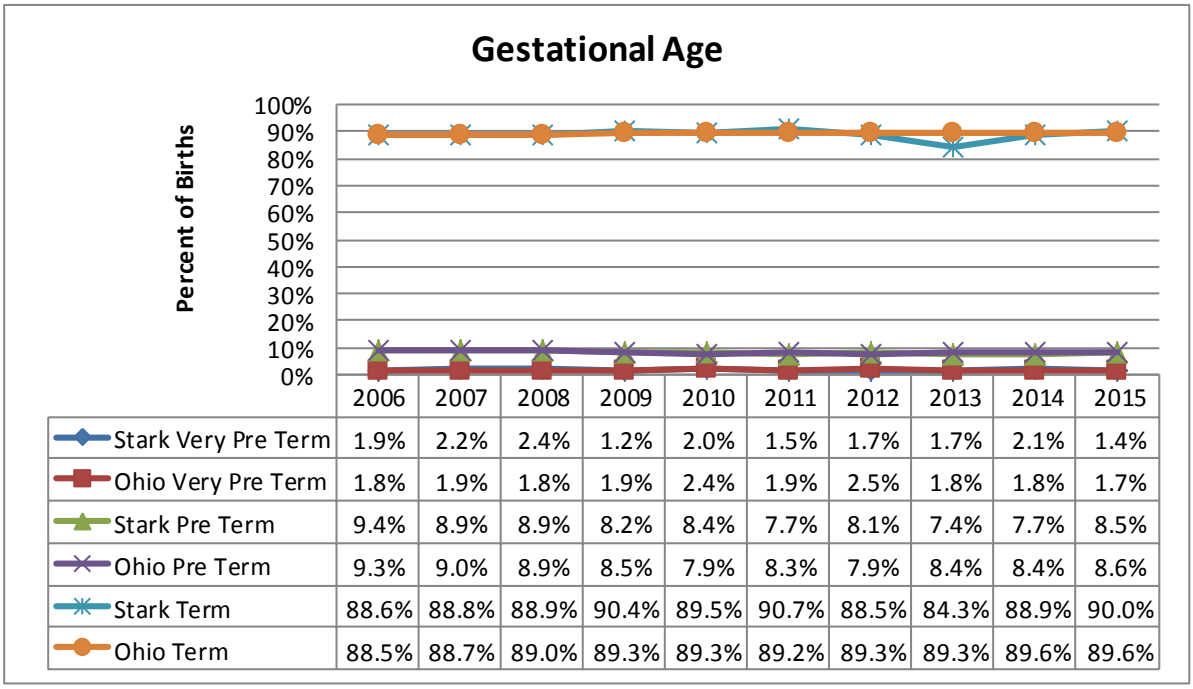
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
15-19	21.2%	14.2%	16.7%	15.1%	17.4%	12.1%	13.2%	10.0%	3.6%	7.4%
20-29	45.5%	60.9%	60.4%	54.8%	46.3%	51.7%	60.3%	54.3%	53.6%	50.0%
30-44	33.3%	25.0%	22.5%	30.2%	36.1%	36.2%	26.5%	35.7%	42.9%	42.6%



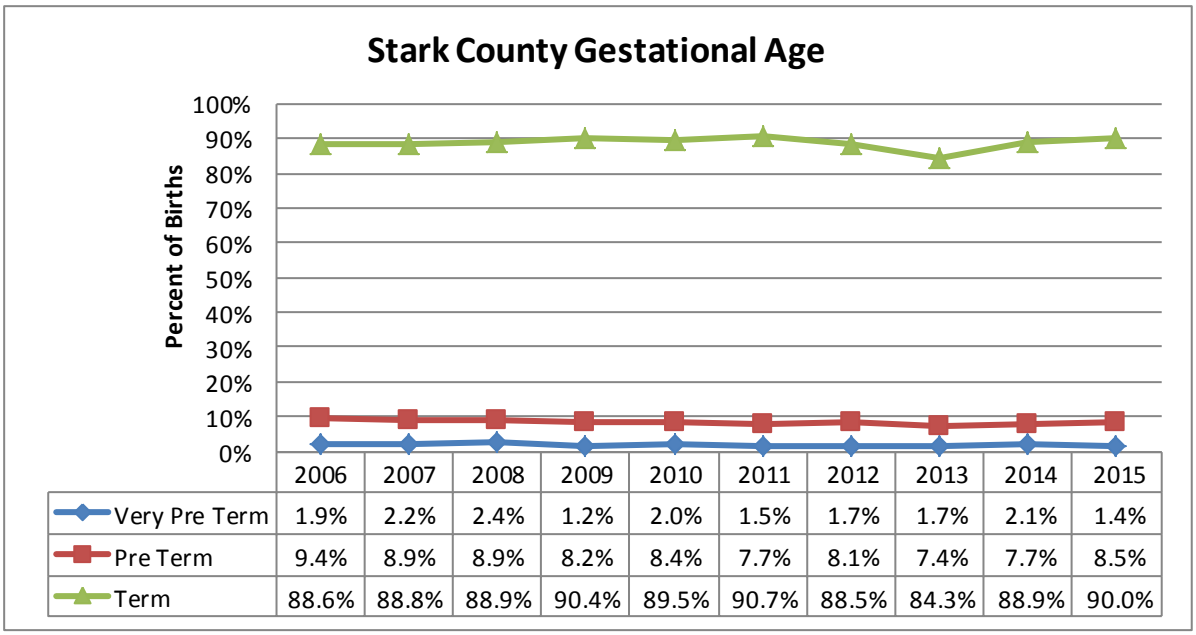
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
15-19	13.7%	11.8%	12.5%	14.8%	7.7%	10.4%	7.8%	11.4%	10.4%	9.6%
20-29	57.7%	61.2%	59.3%	51.6%	58.8%	56.5%	59.9%	57.4%	60.4%	54.0%
30-44	28.6%	27.0%	28.2%	33.5%	33.5%	33.1%	32.3%	31.2%	29.2%	36.4%

Source:
Ohio Department of Health - Secure Data Warehouse
Definition:
Birth Weight - The percent of births with known weight
Very Low Birth Weight (VLBW) - Births of weight between 0 to 1,499 grams
Low Birth Weight (LBW) - Births of weight between 1,500 to 2,499 grams

Physical Health



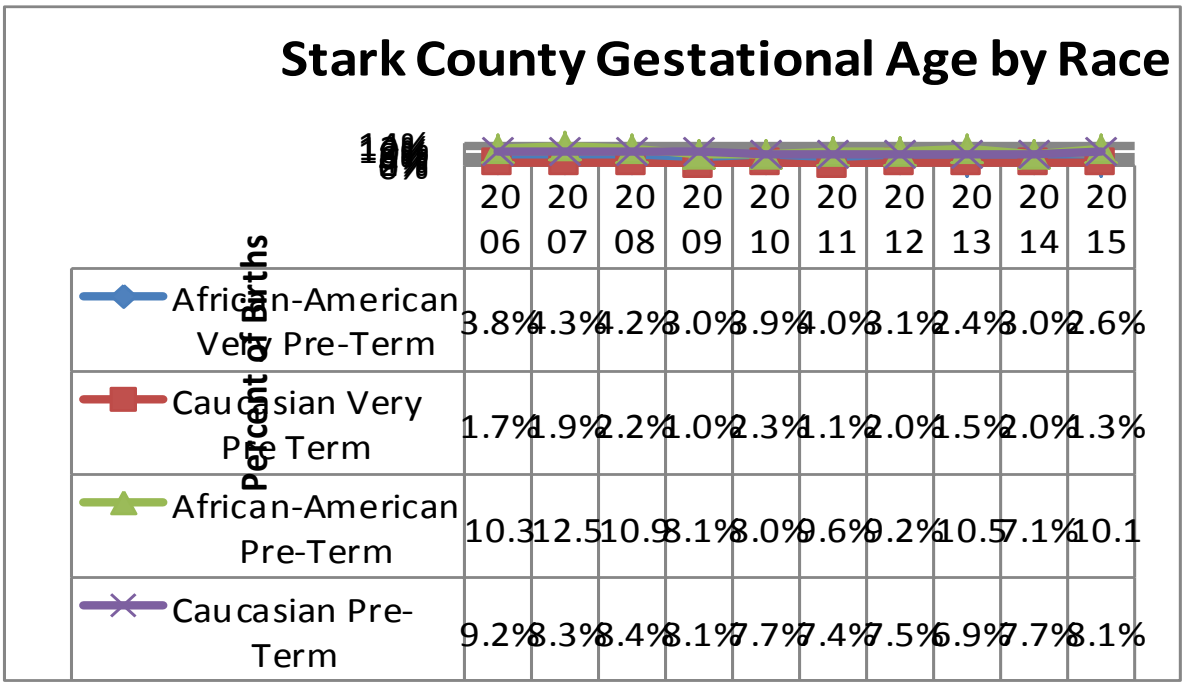
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Stark Very Pre Term	1.9%	2.2%	2.4%	1.2%	2.0%	1.5%	1.7%	1.7%	2.1%	1.4%
Ohio Very Pre Term	1.8%	1.9%	1.8%	1.9%	2.4%	1.9%	2.5%	1.8%	1.8%	1.7%
Stark Pre Term	9.4%	8.9%	8.9%	8.2%	8.4%	7.7%	8.1%	7.4%	7.7%	8.5%
Ohio Pre Term	9.3%	9.0%	8.9%	8.5%	7.9%	8.3%	7.9%	8.4%	8.4%	8.6%
Stark Term	88.6%	88.8%	88.9%	90.4%	89.5%	90.7%	88.5%	84.3%	88.9%	90.0%
Ohio Term	88.5%	88.7%	89.0%	89.3%	89.3%	89.2%	89.3%	89.3%	89.6%	89.6%

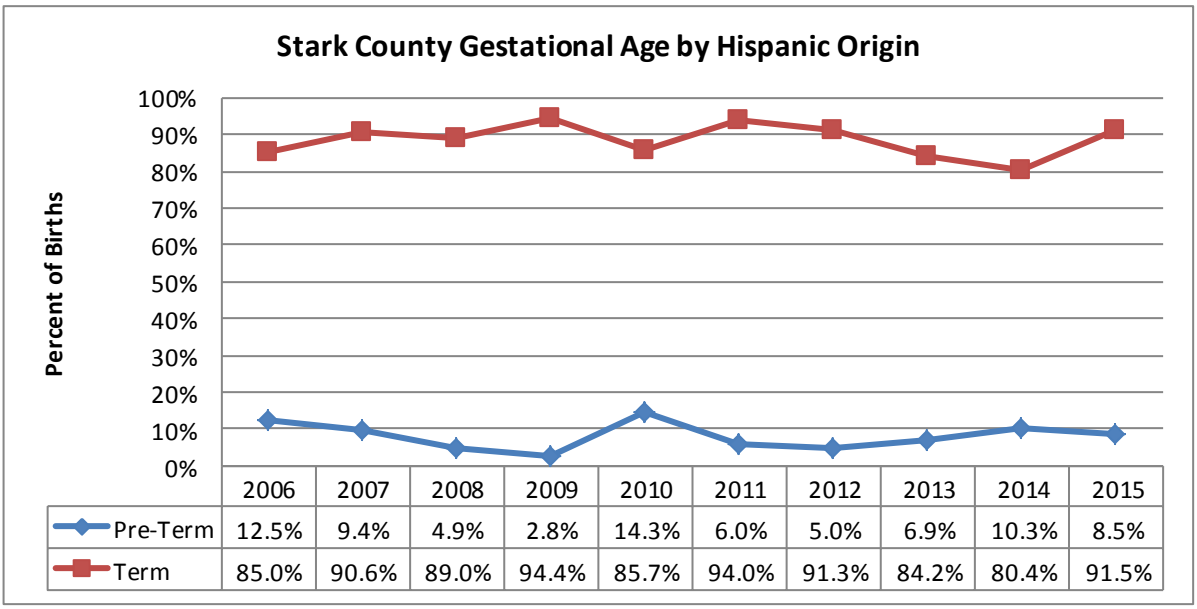


	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Very Pre Term	1.9%	2.2%	2.4%	1.2%	2.0%	1.5%	1.7%	1.7%	2.1%	1.4%
Pre Term	9.4%	8.9%	8.9%	8.2%	8.4%	7.7%	8.1%	7.4%	7.7%	8.5%
Term	88.6%	88.8%	88.9%	90.4%	89.5%	90.7%	88.5%	84.3%	88.9%	90.0%

Source:
Ohio Department of Health - Secure Data Warehouse
Definition:
Gestational Age - is a clinical estimation
Very Pre-Term - <32 Weeks
Pre-Term - 32 to 36 Weeks
Term - 37 to 42 Weeks
Post-Term - >42 Weeks (not reported)

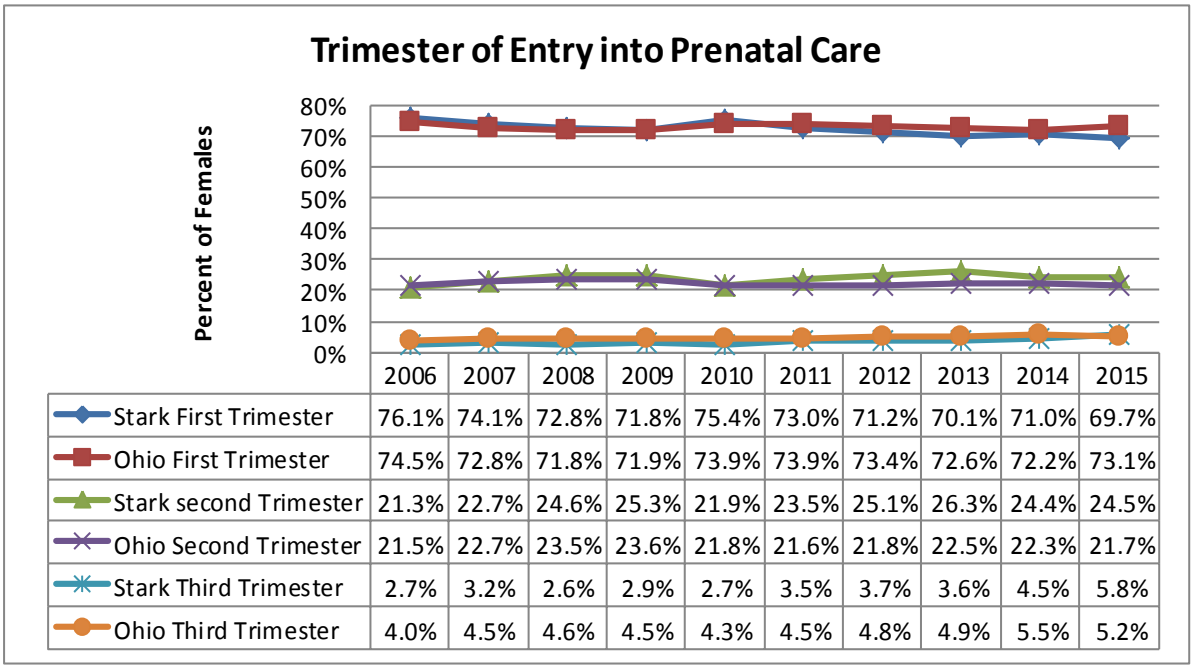
Physical Health



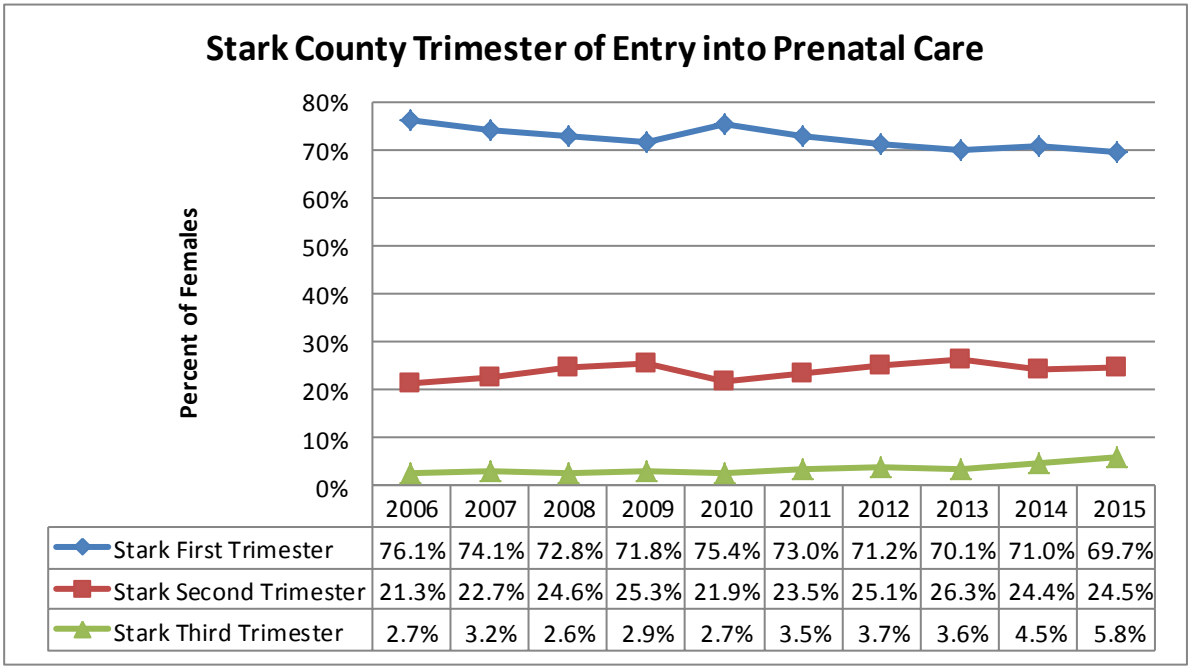


Source:
Ohio Department of Health - Secure Data Warehouse
Definition:
Gestational Age - is a clinical estimation
Very Pre-Term - <32 Weeks
Pre-Term - 32 to 36 Weeks
Term - 37 to 42 Weeks
Post-Term - >42 Weeks (not reported)
Caveat:
Native Americans and Asian/Pacific Islanders are not reported due to small population size.

Physical Health



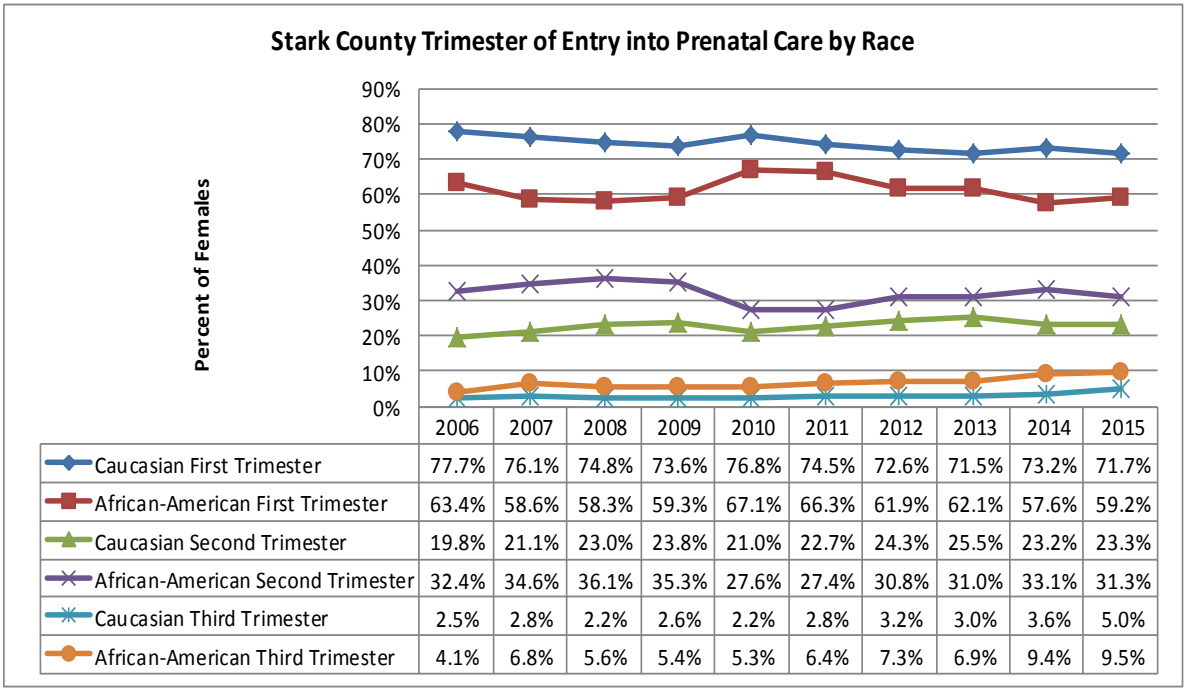
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Stark First Trimester	76.1%	74.1%	72.8%	71.8%	75.4%	73.0%	71.2%	70.1%	71.0%	69.7%
Ohio First Trimester	74.5%	72.8%	71.8%	71.9%	73.9%	73.9%	73.4%	72.6%	72.2%	73.1%
Stark second Trimester	21.3%	22.7%	24.6%	25.3%	21.9%	23.5%	25.1%	26.3%	24.4%	24.5%
Ohio Second Trimester	21.5%	22.7%	23.5%	23.6%	21.8%	21.6%	21.8%	22.5%	22.3%	21.7%
Stark Third Trimester	2.7%	3.2%	2.6%	2.9%	2.7%	3.5%	3.7%	3.6%	4.5%	5.8%
Ohio Third Trimester	4.0%	4.5%	4.6%	4.5%	4.3%	4.5%	4.8%	4.9%	5.5%	5.2%



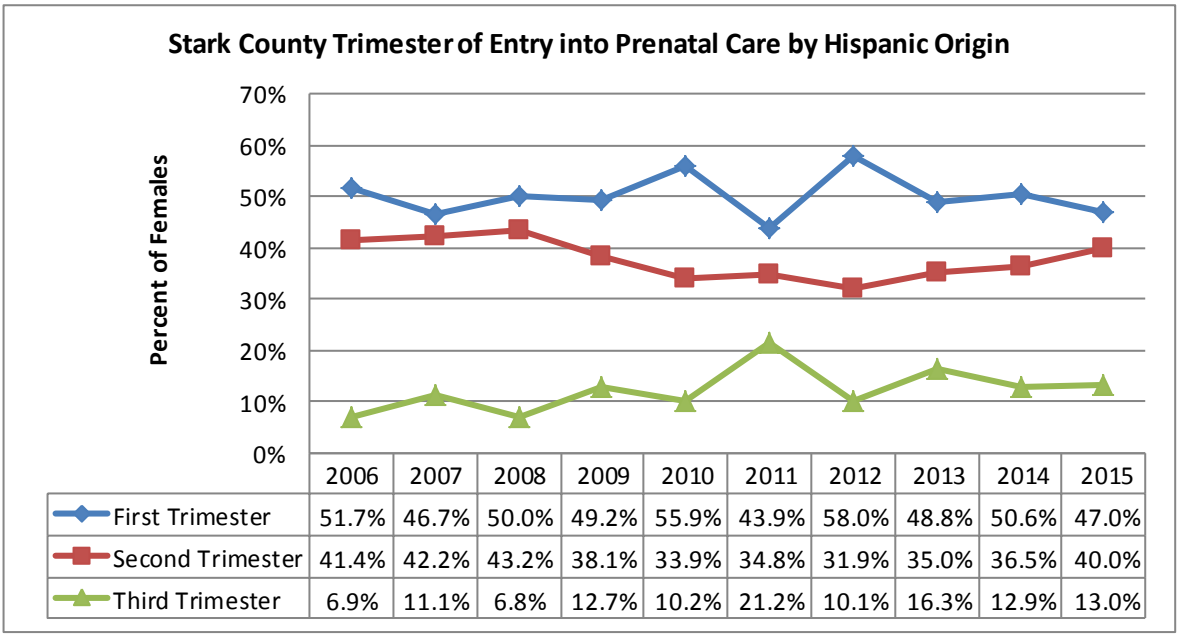
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Stark First Trimester	76.1%	74.1%	72.8%	71.8%	75.4%	73.0%	71.2%	70.1%	71.0%	69.7%
Stark Second Trimester	21.3%	22.7%	24.6%	25.3%	21.9%	23.5%	25.1%	26.3%	24.4%	24.5%
Stark Third Trimester	2.7%	3.2%	2.6%	2.9%	2.7%	3.5%	3.7%	3.6%	4.5%	5.8%

Source:
Ohio Department of Health - Secure Data Warehouse
Definition:
First Trimester - Time period extending from the first day of the last menstrual period through 12 weeks of gestation.
Second Trimester - Time period extending from the 13th to the 27th week of gestation.
Third Trimester - Time period extending from the 28th week of gestation until delivery.
Caveat:
Does not include females who did not receive prenatal care or who did not report.

Physical Health



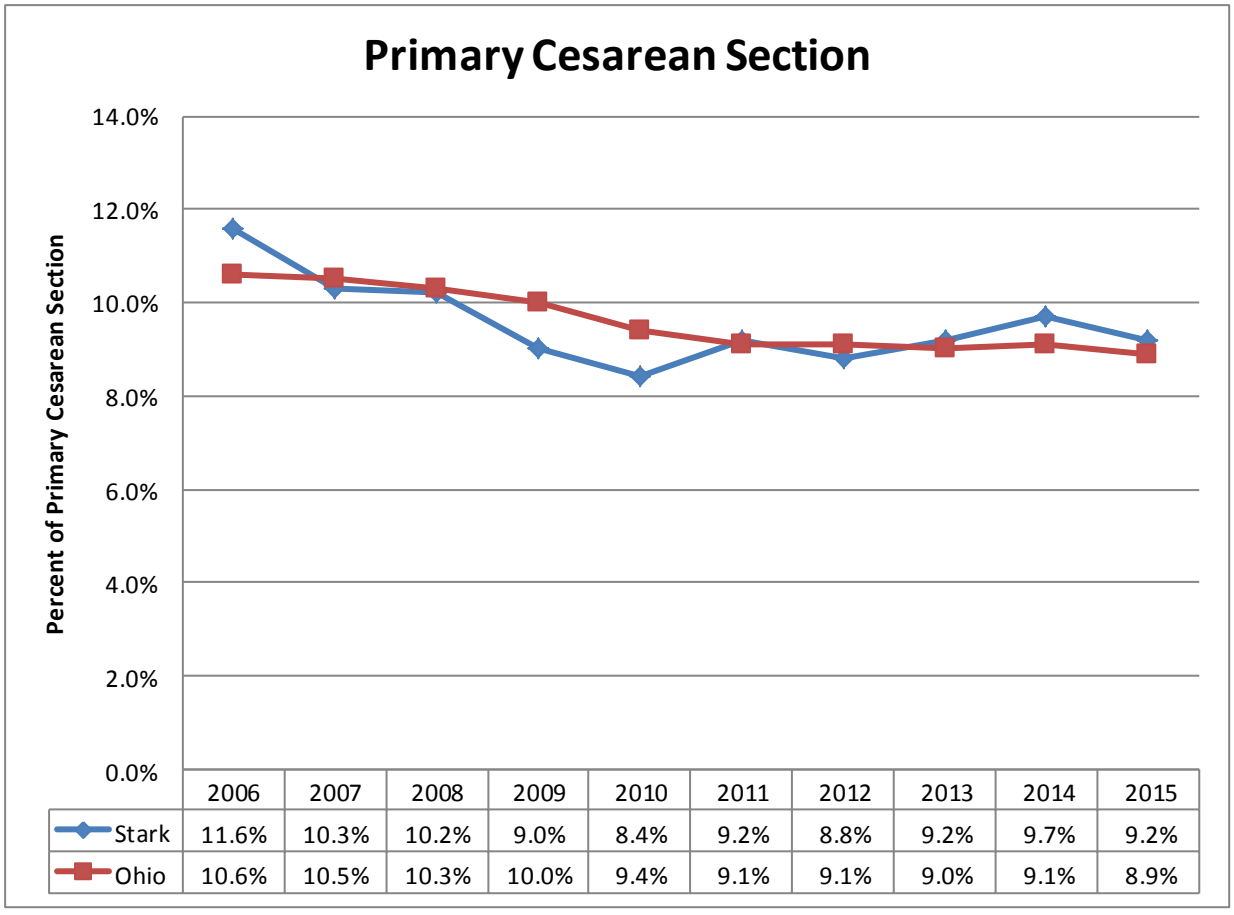
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Caucasian First Trimester	77.7%	76.1%	74.8%	73.6%	76.8%	74.5%	72.6%	71.5%	73.2%	71.7%
African-American First Trimester	63.4%	58.6%	58.3%	59.3%	67.1%	66.3%	61.9%	62.1%	57.6%	59.2%
Caucasian Second Trimester	19.8%	21.1%	23.0%	23.8%	21.0%	22.7%	24.3%	25.5%	23.2%	23.3%
African-American Second Trimester	32.4%	34.6%	36.1%	35.3%	27.6%	27.4%	30.8%	31.0%	33.1%	31.3%
Caucasian Third Trimester	2.5%	2.8%	2.2%	2.6%	2.2%	2.8%	3.2%	3.0%	3.6%	5.0%
African-American Third Trimester	4.1%	6.8%	5.6%	5.4%	5.3%	6.4%	7.3%	6.9%	9.4%	9.5%



	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
First Trimester	51.7%	46.7%	50.0%	49.2%	55.9%	43.9%	58.0%	48.8%	50.6%	47.0%
Second Trimester	41.4%	42.2%	43.2%	38.1%	33.9%	34.8%	31.9%	35.0%	36.5%	40.0%
Third Trimester	6.9%	11.1%	6.8%	12.7%	10.2%	21.2%	10.1%	16.3%	12.9%	13.0%

Source:
Ohio Department of Health - Secure Data Warehouse
Definition:
First Trimester - Time period extending from the first day of the last menstrual period through 12 weeks of gestation.
Second Trimester - Time period extending from the 13th to the 27th week of gestation.
Third Trimester - Time period extending from the 28th week of gestation until delivery.
Caveat
Native Americans and Asian/Pacific Islanders are not reported due to small population size.

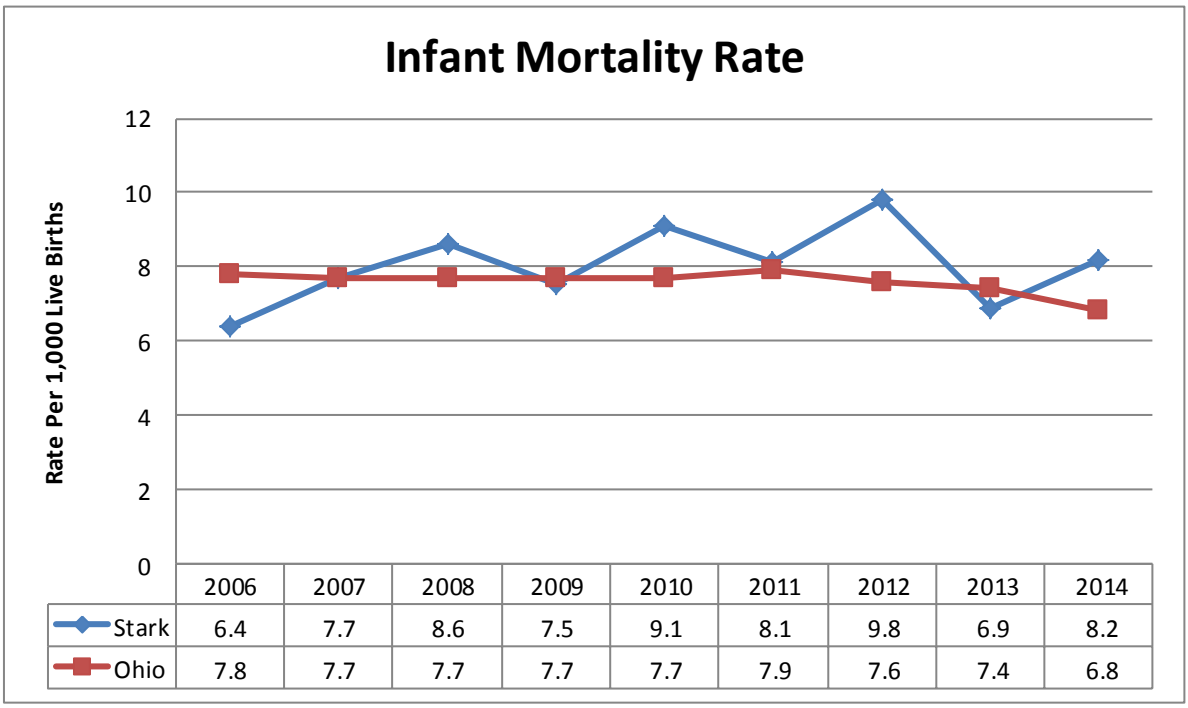
Physical Health



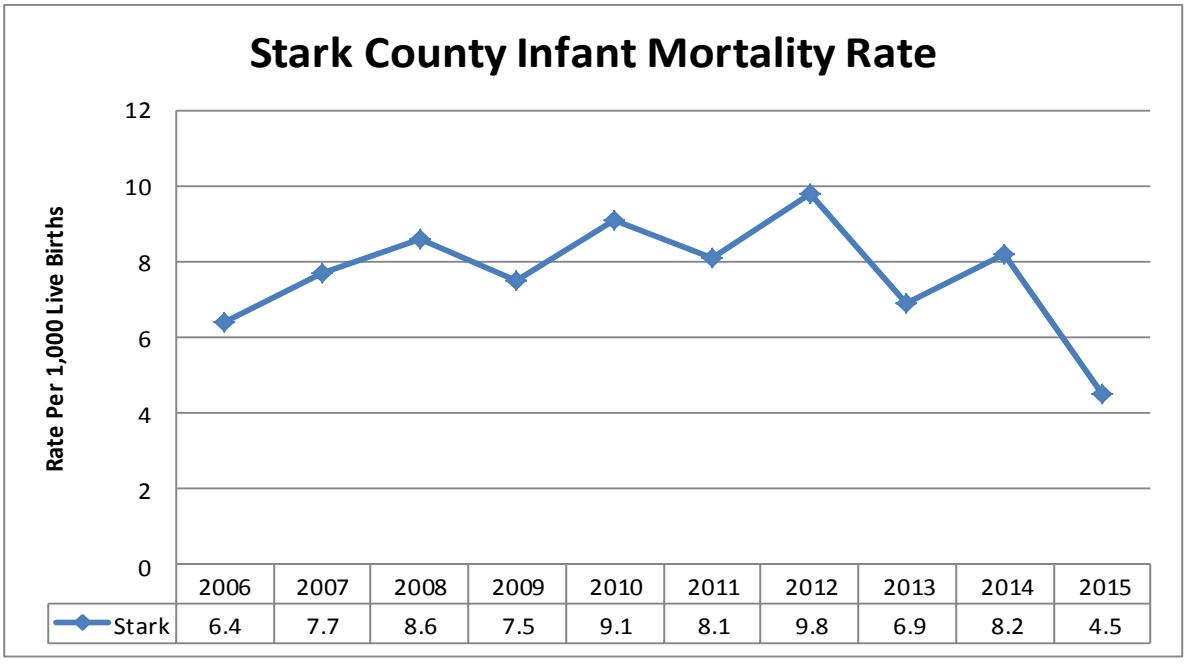
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Stark	11.6%	10.3%	10.2%	9.0%	8.4%	9.2%	8.8%	9.2%	9.7%	9.2%
Ohio	10.6%	10.5%	10.3%	10.0%	9.4%	9.1%	9.1%	9.0%	9.1%	8.9%

Source:
Ohio Department of Health - Ohio Public Health Data Warehouse
Caveat:
The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations or conclusions.

Physical Health



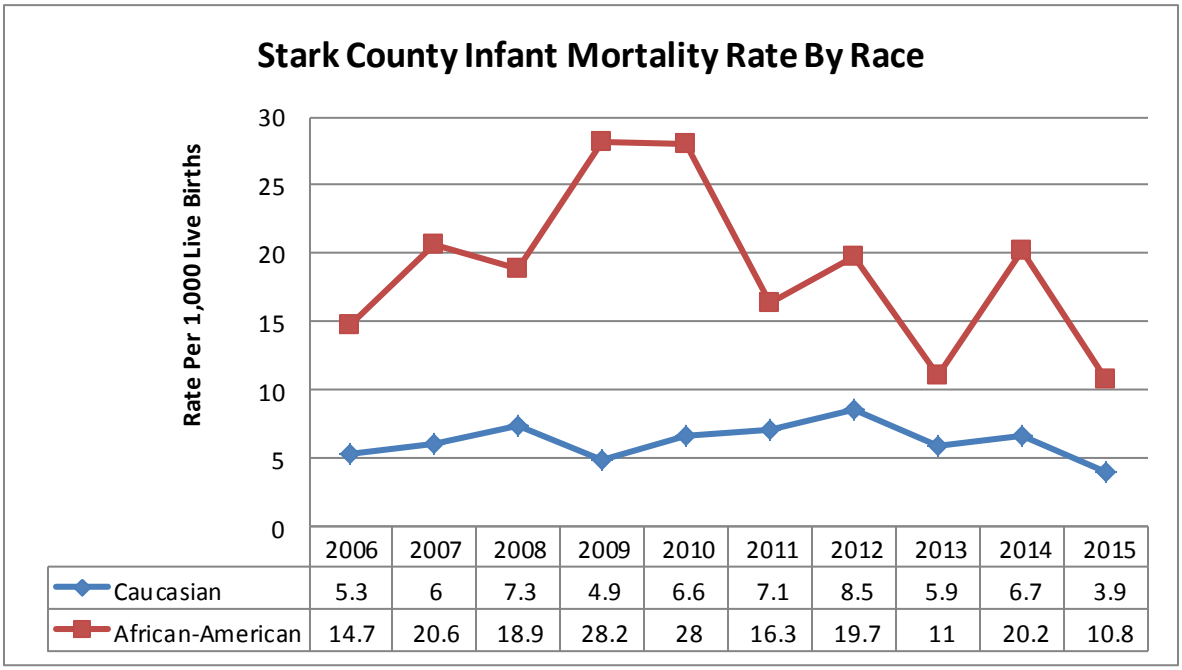
	2006	2007	2008	2009	2010	2011	2012	2013	2014
Stark	6.4	7.7	8.6	7.5	9.1	8.1	9.8	6.9	8.2
Ohio	7.8	7.7	7.7	7.7	7.7	7.9	7.6	7.4	6.8



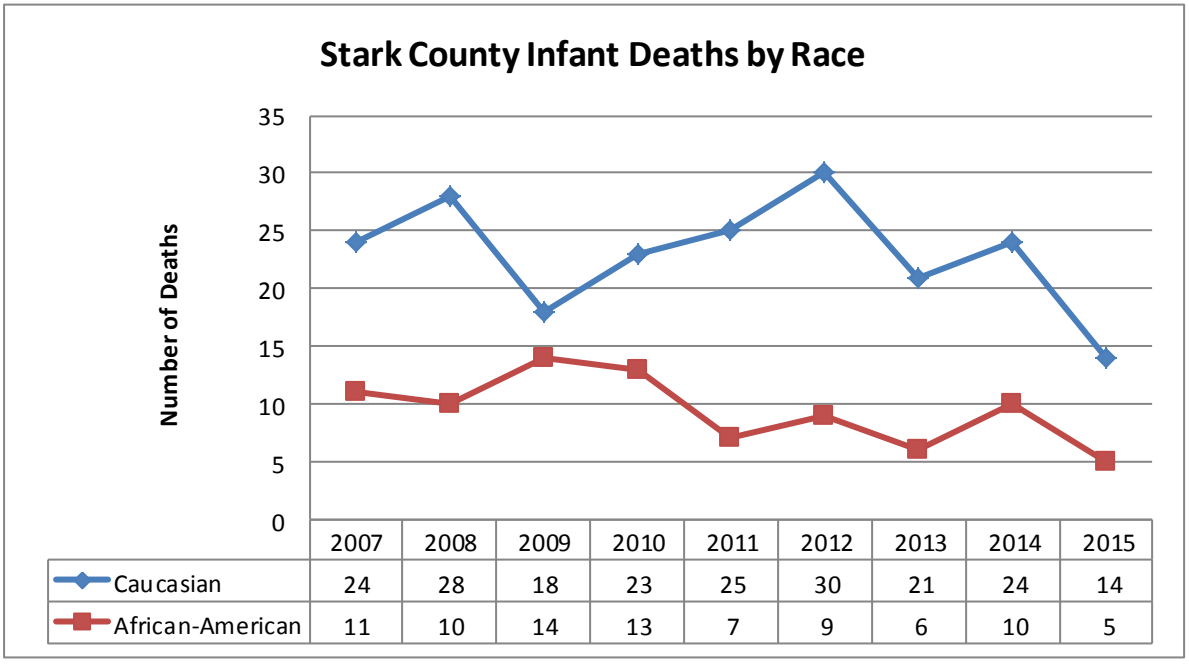
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Stark	6.4	7.7	8.6	7.5	9.1	8.1	9.8	6.9	8.2	4.5

Source:
Ohio Department of Health - Vital Statistics
Definition:
Infant Mortality Rate - Number of infant deaths per 1,000 live births.
Note:
Stark County 2015 data is preliminary. Preliminary means the data is strong enough to show a certain result, but has not been thoroughly analyzed.

Physical Health



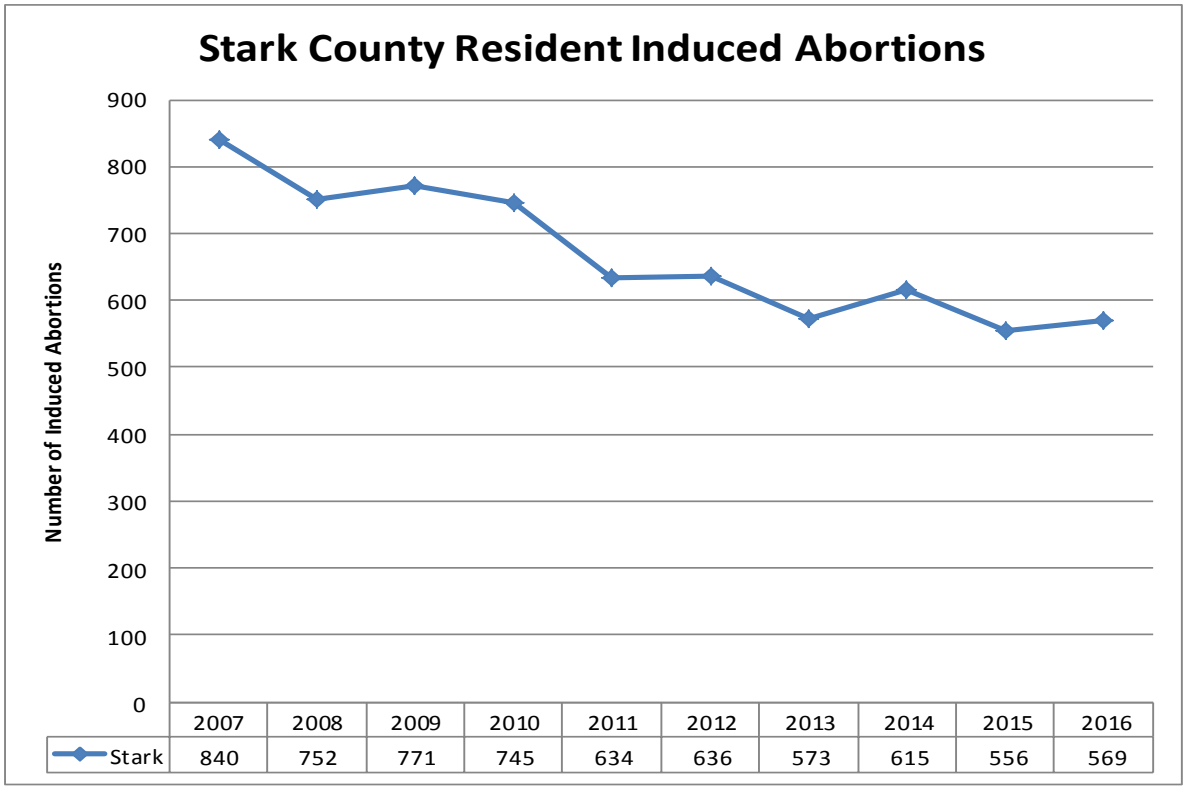
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Caucasian	5.3	6	7.3	4.9	6.6	7.1	8.5	5.9	6.7	3.9
African-American	14.7	20.6	18.9	28.2	28	16.3	19.7	11	20.2	10.8



	2007	2008	2009	2010	2011	2012	2013	2014	2015
Caucasian	24	28	18	23	25	30	21	24	14
African-American	11	10	14	13	7	9	6	10	5

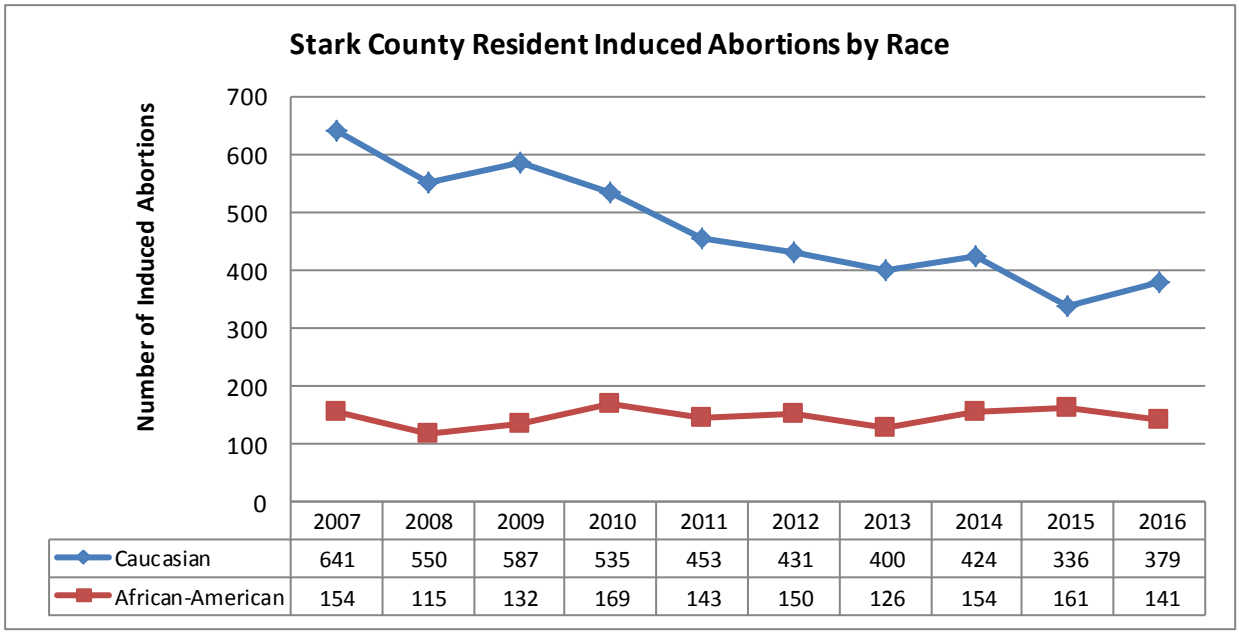
Source:
Ohio Department of Health - Vital Statistics
Definition:
Infant Mortality Rate - Number of infant deaths per 1,000 live births.
Caveat:
Stark County 2015 data is preliminary. Preliminary means the data is strong enough to show a certain result, but has not been thoroughly analyzed.
Native Americans and Asian/Pacific Islanders are not reported due to small population size.

Physical Health

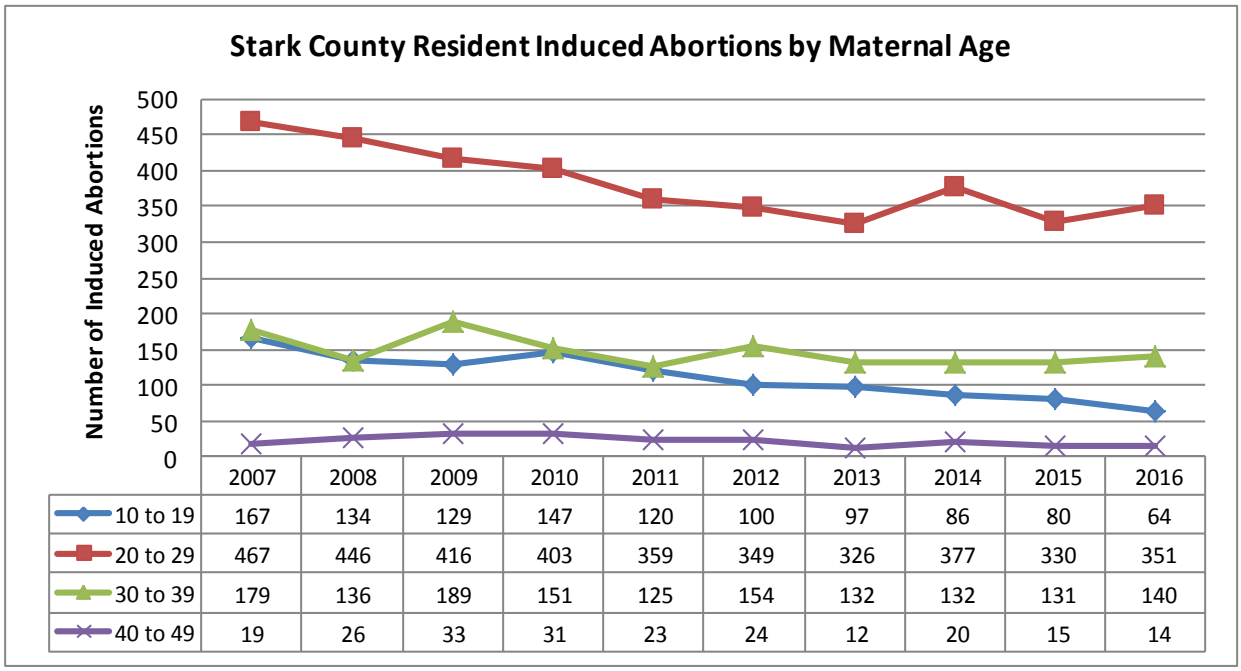


Source: Ohio Department of Health - Induced Abortions in Ohio
Table 3: Resident Induced Abortions by County of Residence, 2007-2016
Definition:
Induced Abortions - Pregnancy terminated by a physician.

Physical Health



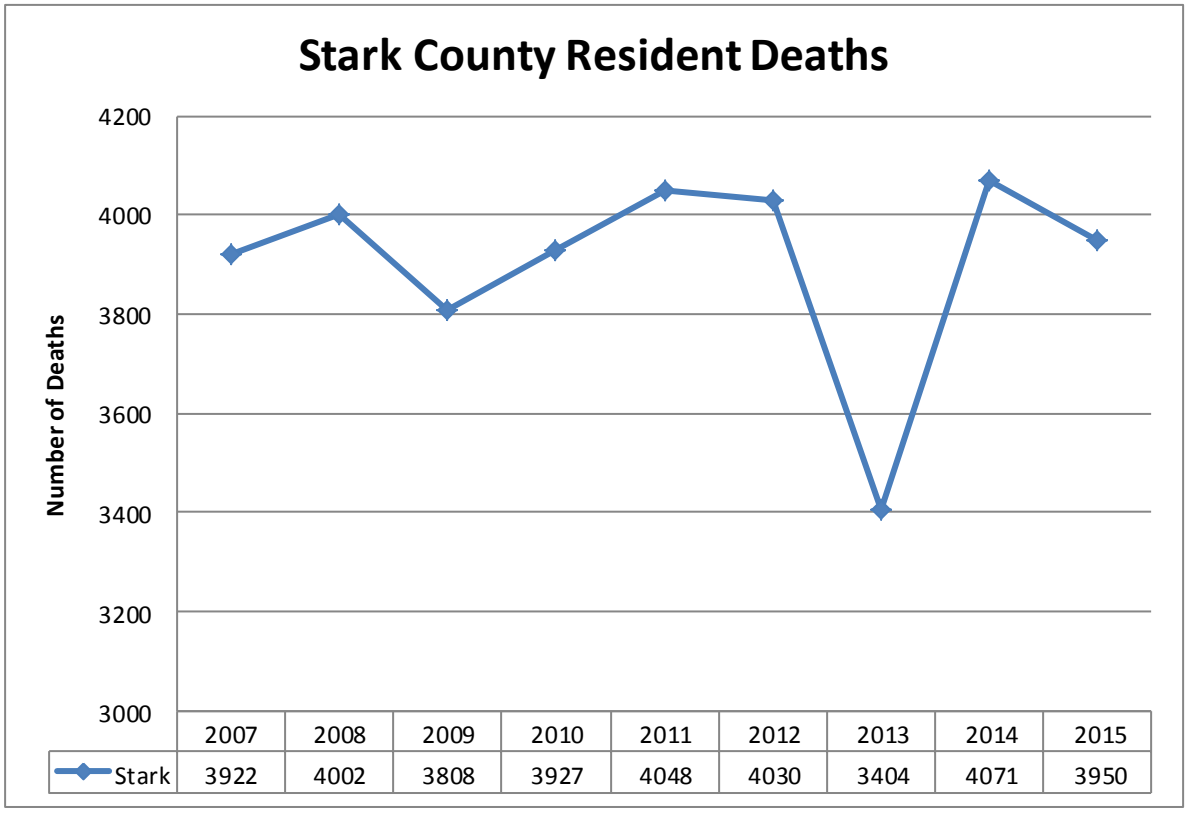
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Caucasian	641	550	587	535	453	431	400	424	336	379
African-American	154	115	132	169	143	150	126	154	161	141



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
10 to 19	167	134	129	147	120	100	97	86	80	64
20 to 29	467	446	416	403	359	349	326	377	330	351
30 to 39	179	136	189	151	125	154	132	132	131	140
40 to 49	19	26	33	31	23	24	12	20	15	14

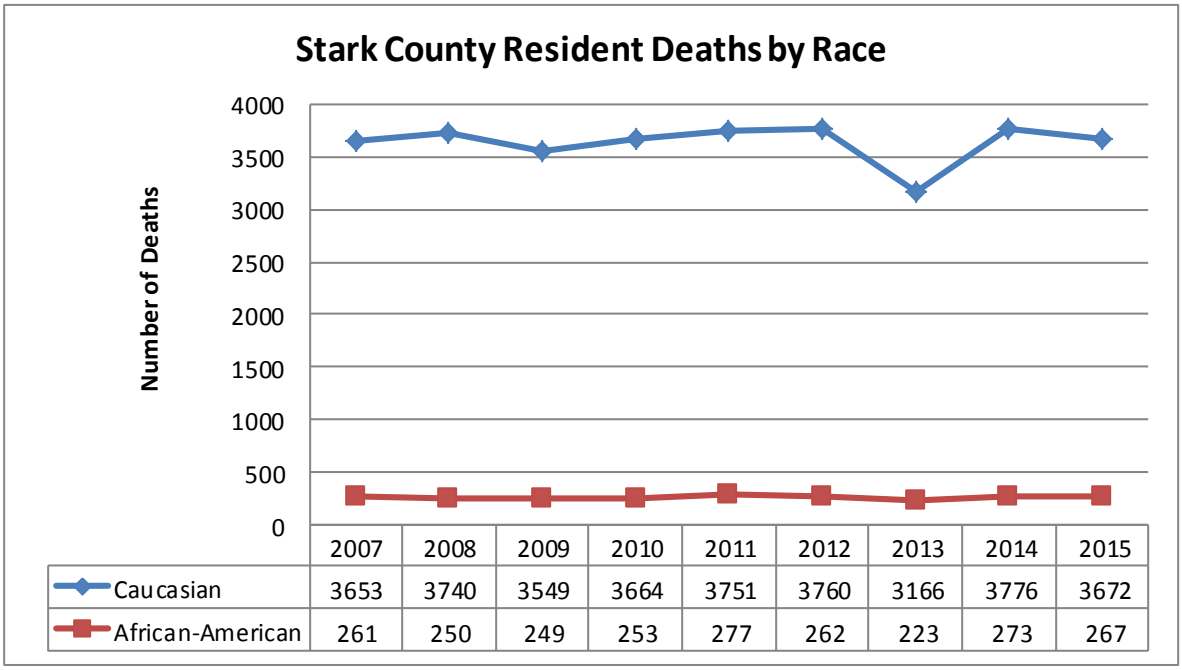
Source: Ohio Department of Health - Induced Abortions in Ohio
Table 5a: Resident Induced Abortions 2006-2014
Definition:
Induced Abortions - Pregnancy terminated by a physician.
Caveat:
Native Americans and Asian/Pacific Islanders are not reported due to small population size.
No data was available for age 50 and over.

Physical Health

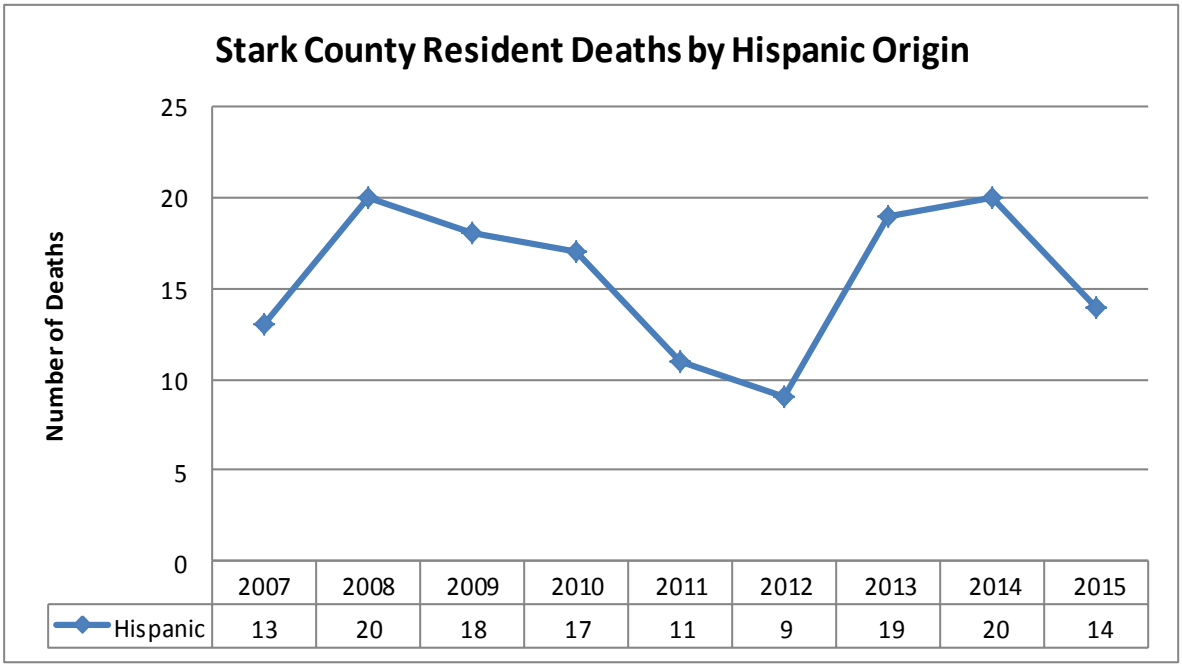


Source:
Ohio Department of Health - Vital Statistics

Physical Health



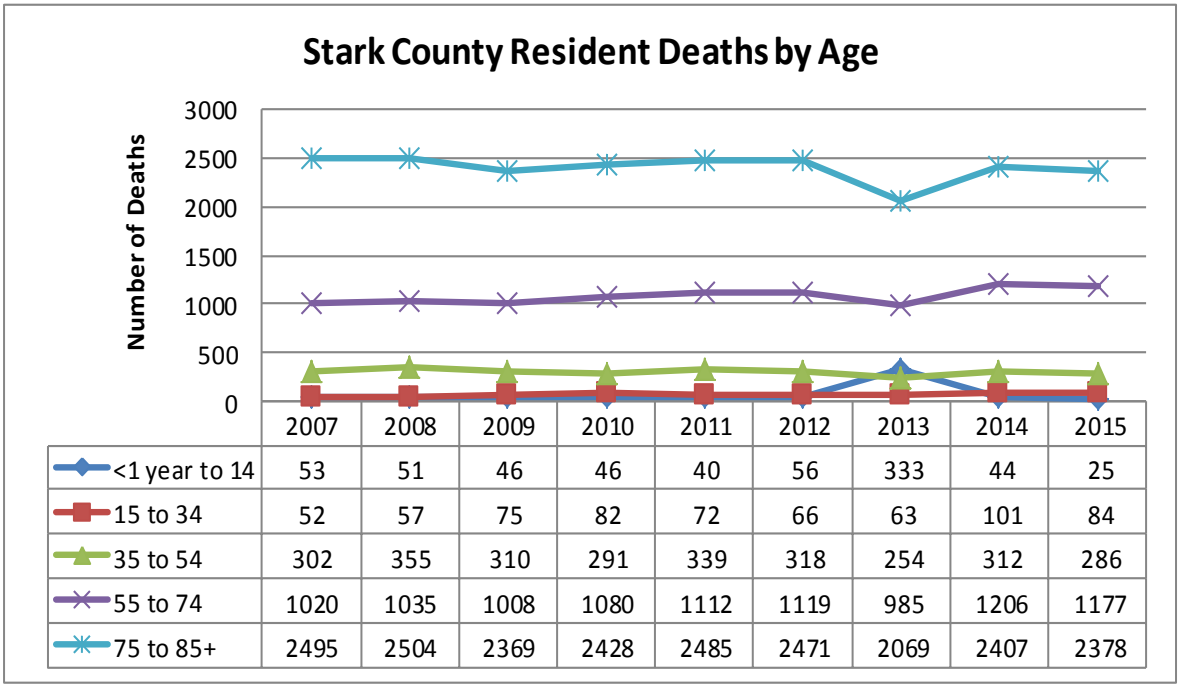
	2007	2008	2009	2010	2011	2012	2013	2014	2015
Caucasian	3653	3740	3549	3664	3751	3760	3166	3776	3672
African-American	261	250	249	253	277	262	223	273	267



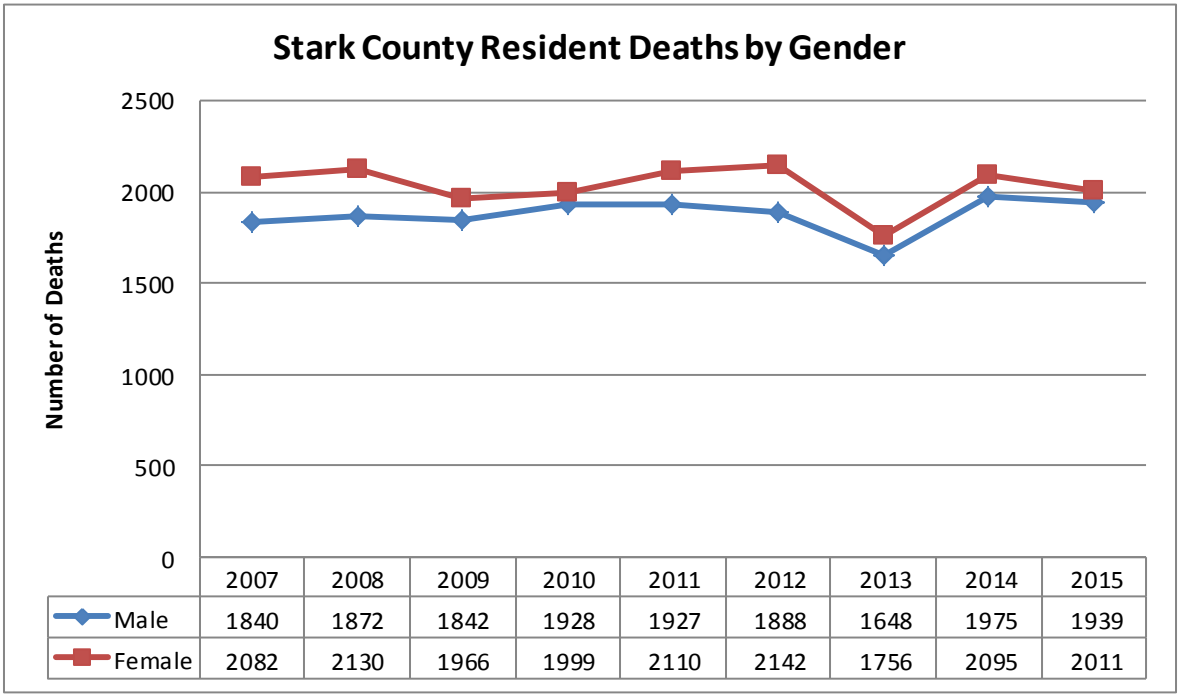
	2007	2008	2009	2010	2011	2012	2013	2014	2015
Hispanic	13	20	18	17	11	9	19	20	14

Source:
Ohio Department of Health - Vital Statistics
Caveat:
Native Americans and Asian/Pacific Islanders are not reported due to small population size.

Physical Health



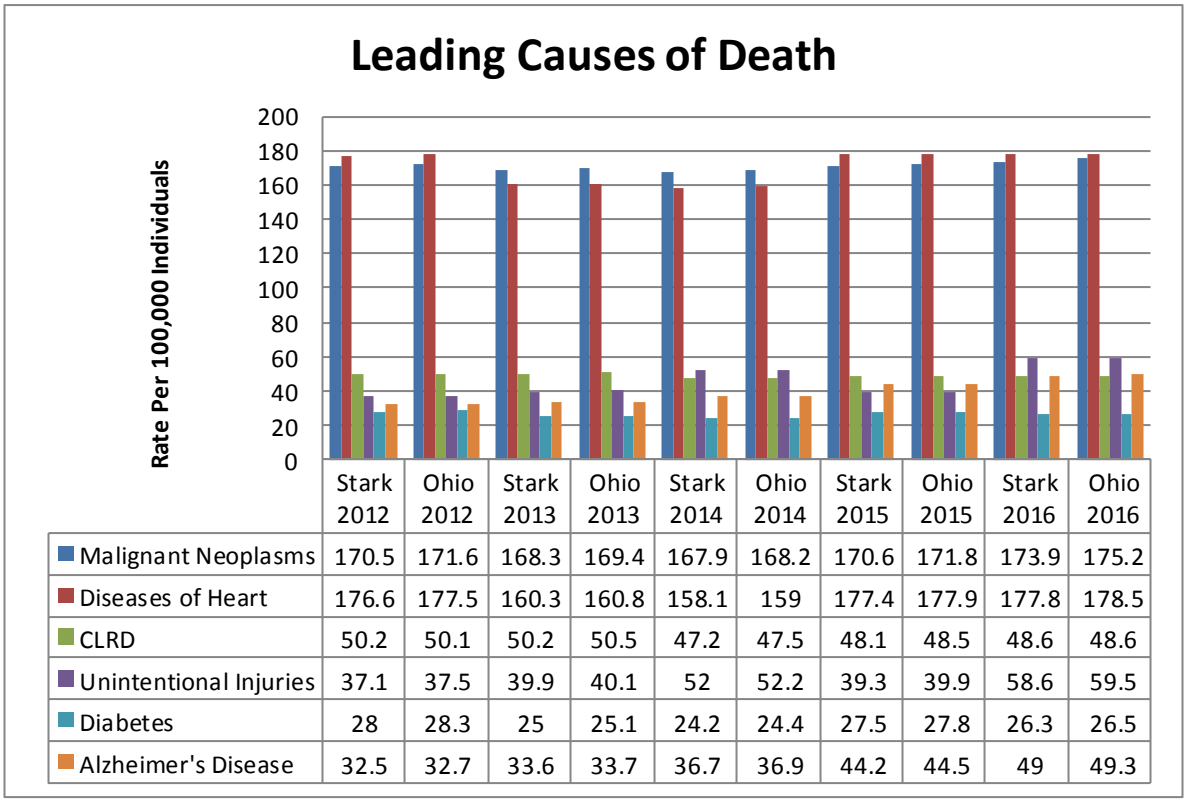
	2007	2008	2009	2010	2011	2012	2013	2014	2015
<1 year to 14	53	51	46	46	40	56	333	44	25
15 to 34	52	57	75	82	72	66	63	101	84
35 to 54	302	355	310	291	339	318	254	312	286
55 to 74	1020	1035	1008	1080	1112	1119	985	1206	1177
75 to 85+	2495	2504	2369	2428	2485	2471	2069	2407	2378



	2007	2008	2009	2010	2011	2012	2013	2014	2015
Male	1840	1872	1842	1928	1927	1888	1648	1975	1939
Female	2082	2130	1966	1999	2110	2142	1756	2095	2011

Source:
Ohio Department of Health - Vital Statistics

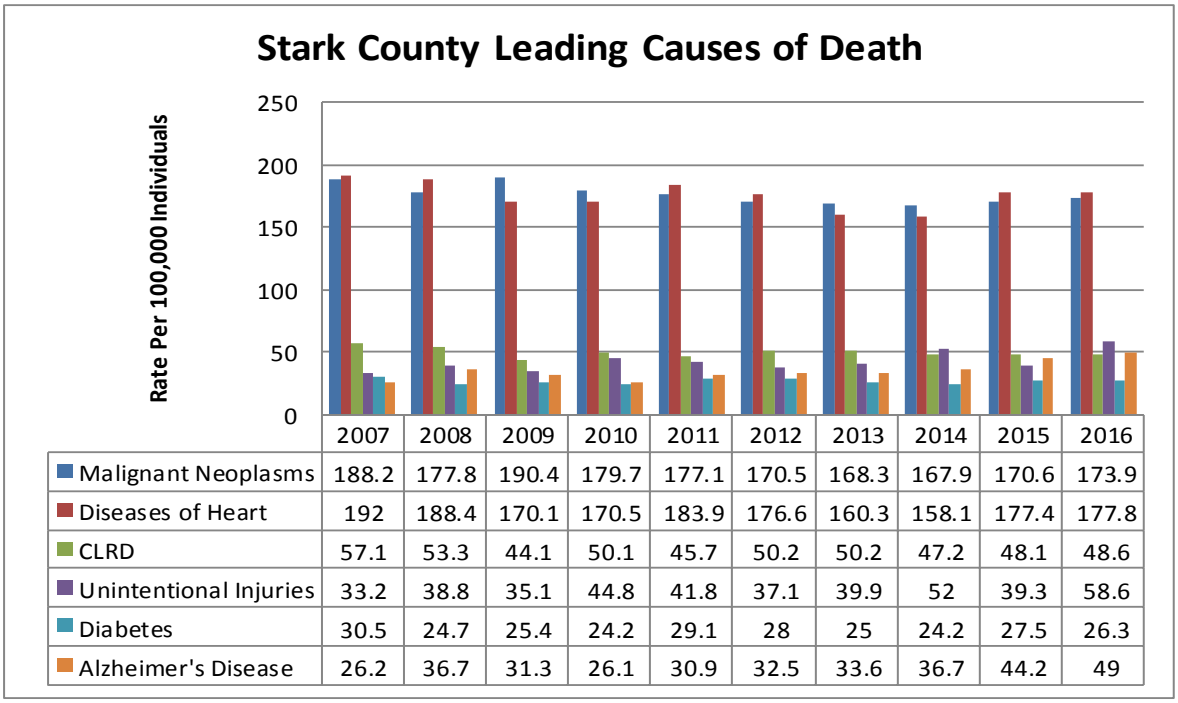
Physical Health



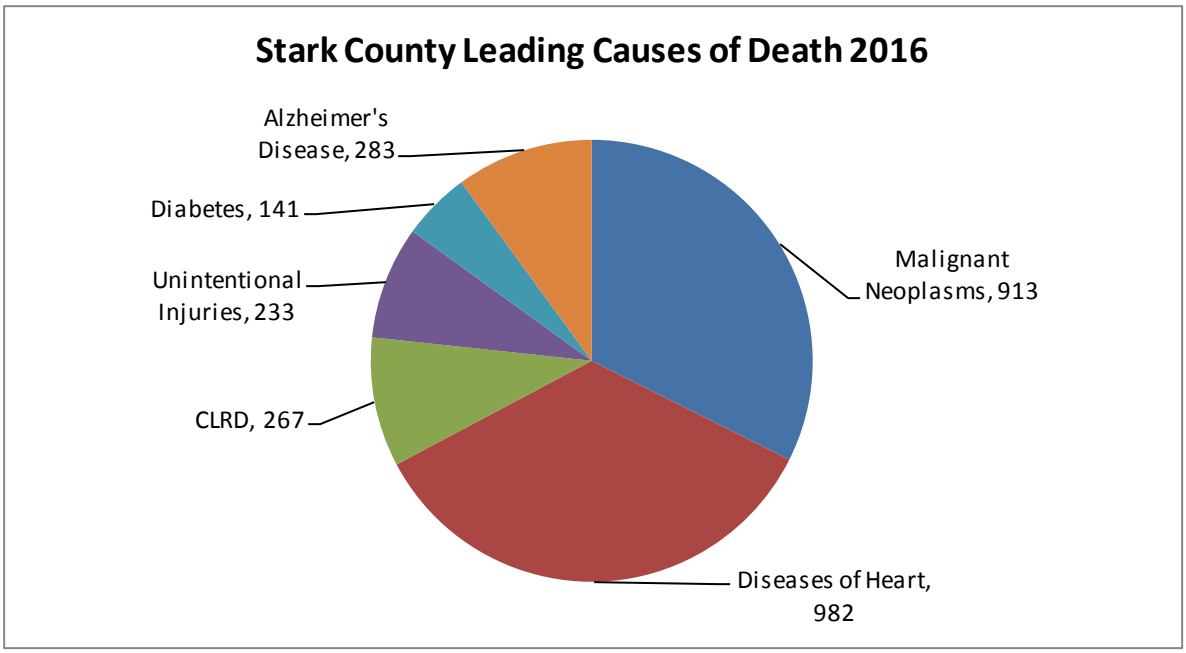
	Stark 2012	Ohio 2012	Stark 2013	Ohio 2013	Stark 2014	Ohio 2014	Stark 2015	Ohio 2015	Stark 2016	Ohio 2016
Malignant Neoplasms	170.5	171.6	168.3	169.4	167.9	168.2	170.6	171.8	173.9	175.2
Diseases of Heart	176.6	177.5	160.3	160.8	158.1	159	177.4	177.9	177.8	178.5
CLRD	50.2	50.1	50.2	50.5	47.2	47.5	48.1	48.5	48.6	48.6
Unintentional Injuries	37.1	37.5	39.9	40.1	52	52.2	39.3	39.9	58.6	59.5
Diabetes	28	28.3	25	25.1	24.2	24.4	27.5	27.8	26.3	26.5
Alzheimer's Disease	32.5	32.7	33.6	33.7	36.7	36.9	44.2	44.5	49	49.3

Source:
Ohio Department of Health, Ohio Public Health Data Warehouse
Definition:
Age-Adjusted Death Rate - Rate per 100,000 population age standardized to average out differences due to changes in the overall age of the population.
Malignant Neoplasms - Cancer
CLRD - Chronic Lower Respiratory Diseases

Physical Health

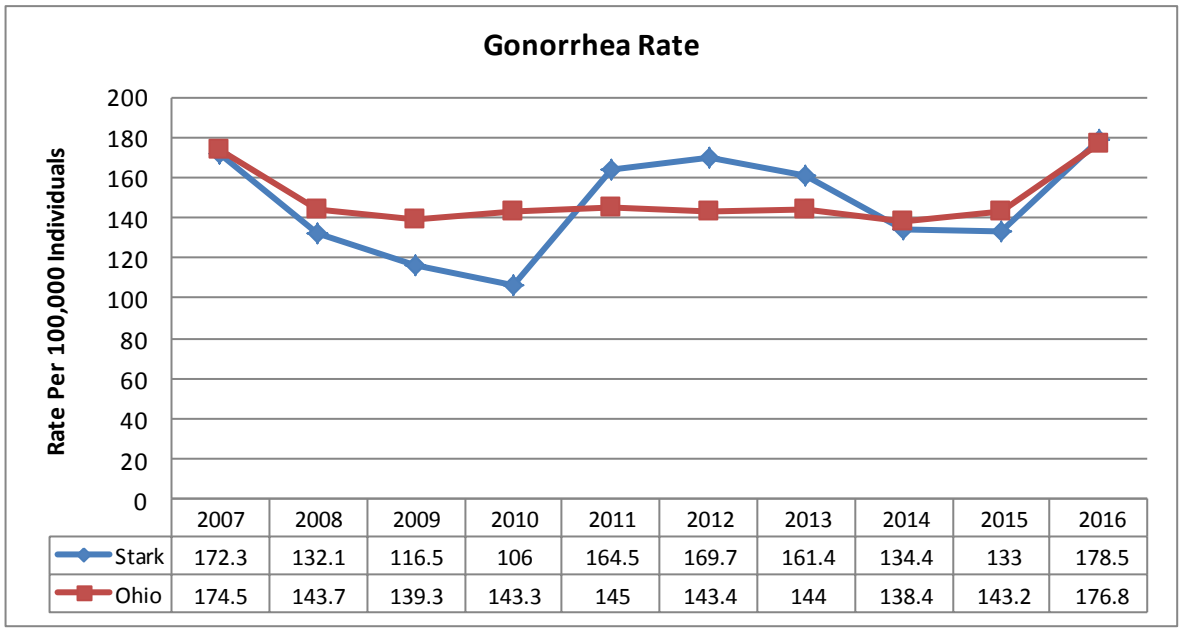


	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Malignant Neoplasms	188.2	177.8	190.4	179.7	177.1	170.5	168.3	167.9	170.6	173.9
Diseases of Heart	192	188.4	170.1	170.5	183.9	176.6	160.3	158.1	177.4	177.8
CLRD	57.1	53.3	44.1	50.1	45.7	50.2	50.2	47.2	48.1	48.6
Unintentional Injuries	33.2	38.8	35.1	44.8	41.8	37.1	39.9	52	39.3	58.6
Diabetes	30.5	24.7	25.4	24.2	29.1	28	25	24.2	27.5	26.3
Alzheimer's Disease	26.2	36.7	31.3	26.1	30.9	32.5	33.6	36.7	44.2	49

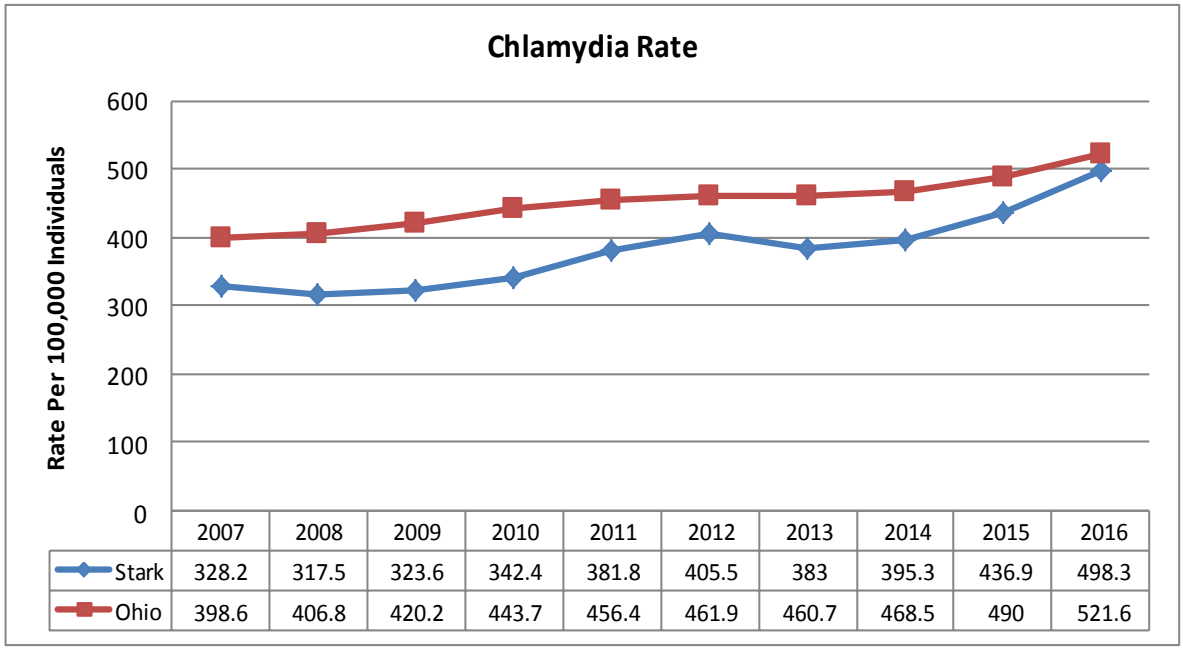


Source:
Ohio Department of Health, Ohio Public Health Data Warehouse
Definition:
Age-Adjusted Death Rate - Rate per 100,000 population age standardized to average out differences due to changes in the overall age of the population.
Malignant Neoplasms - Cancer
CLRD - Chronic Lower Respiratory Diseases

Physical Health



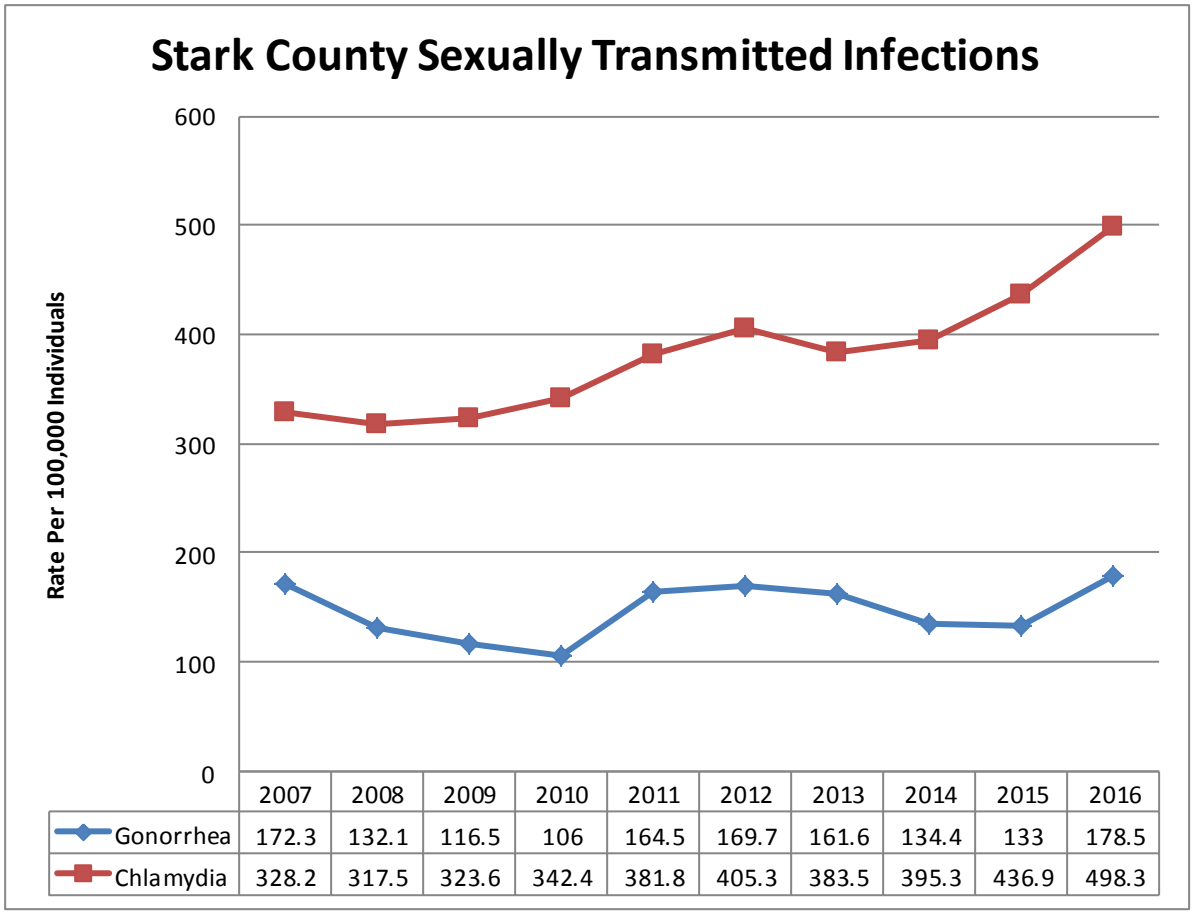
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Stark	172.3	132.1	116.5	106	164.5	169.7	161.4	134.4	133	178.5
Ohio	174.5	143.7	139.3	143.3	145	143.4	144	138.4	143.2	176.8



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Stark	328.2	317.5	323.6	342.4	381.8	405.5	383	395.3	436.9	498.3
Ohio	398.6	406.8	420.2	443.7	456.4	461.9	460.7	468.5	490	521.6

Source:
Ohio Department of Health - STD Surveillance Program
Notes:
Rates are shown per 100,000 persons and were calculated using census estimates for that year.
Provisional data. Numbers subject to change when additional information is gained.

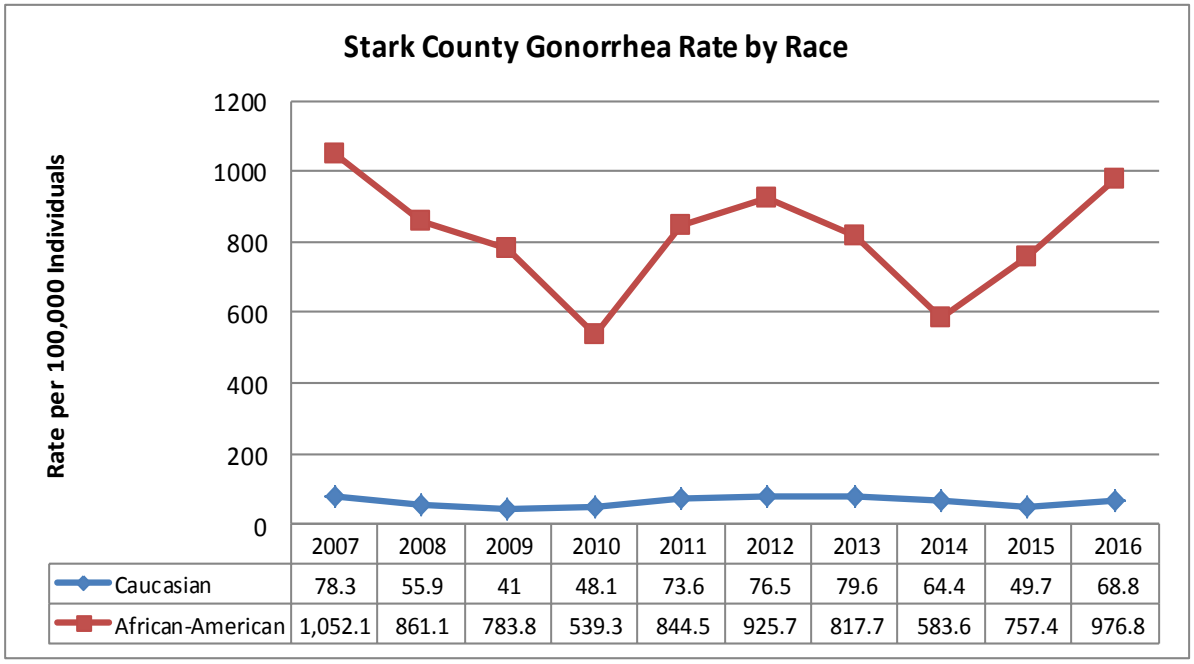
Physical Health



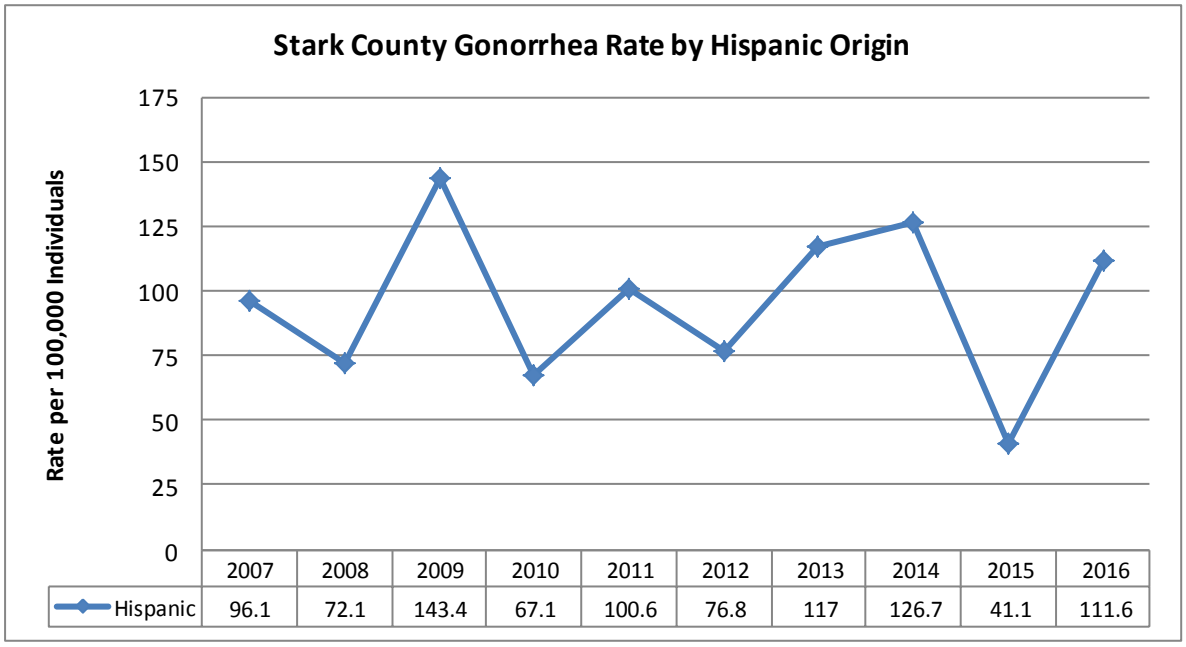
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Gonorrhea	172.3	132.1	116.5	106	164.5	169.7	161.6	134.4	133	178.5
Chlamydia	328.2	317.5	323.6	342.4	381.8	405.3	383.5	395.3	436.9	498.3

Source:
Ohio Department of Health - STD Surveillance Program
Notes:
Rates are shown per 100,000 persons and were calculated using census estimates for that year.
Syphilis diagnoses are not a good indicator of sexually transmitted diseases due to the small numbers of diagnoses.
Small numbers are unstable and should be interpreted with caution.
Provisional data. Numbers subject to change when additional information is gained.

Physical Health



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Caucasian	78.3	55.9	41	48.1	73.6	76.5	79.6	64.4	49.7	68.8
African-American	1,052.1	861.1	783.8	539.3	844.5	925.7	817.7	583.6	757.4	976.8



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Hispanic	96.1	72.1	143.4	67.1	100.6	76.8	117	126.7	41.1	111.6

Source:
Ohio Department of Health - STD Surveillance Program
Caveat:
Native Americans and Asian/Pacific Islanders are not reported due to small population size.
Notes:
In this presentation, date of diagnosis is defined as the date the specimen was collected by the provider.
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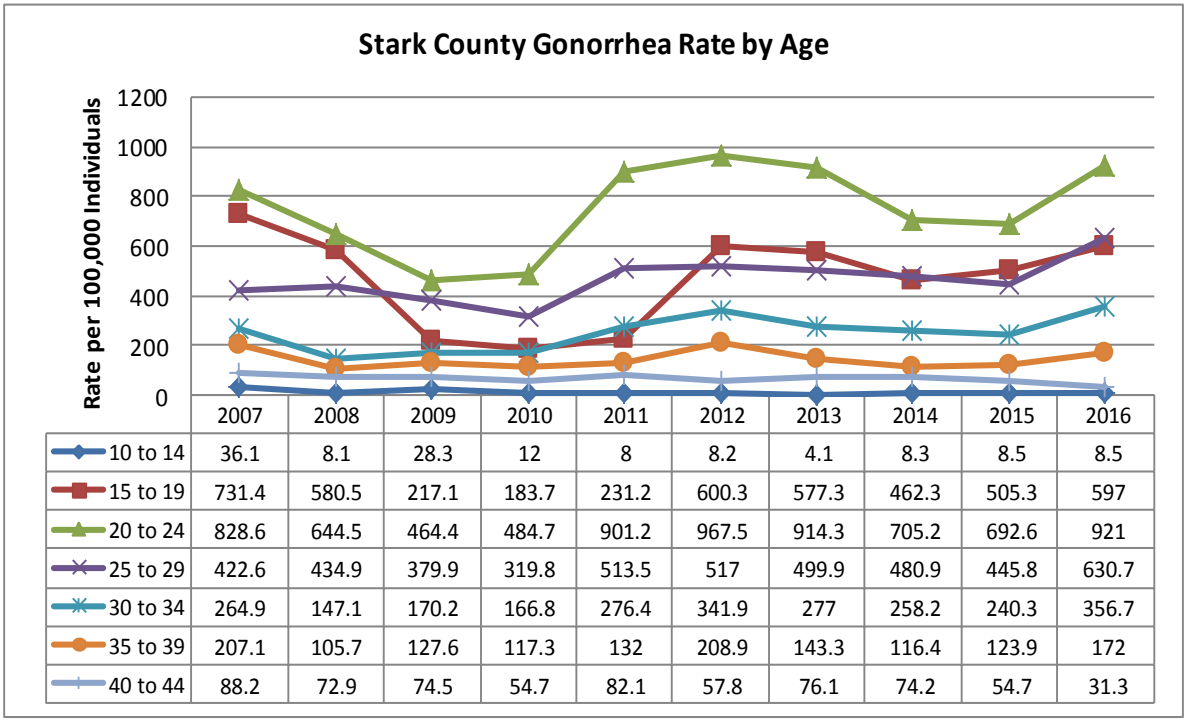
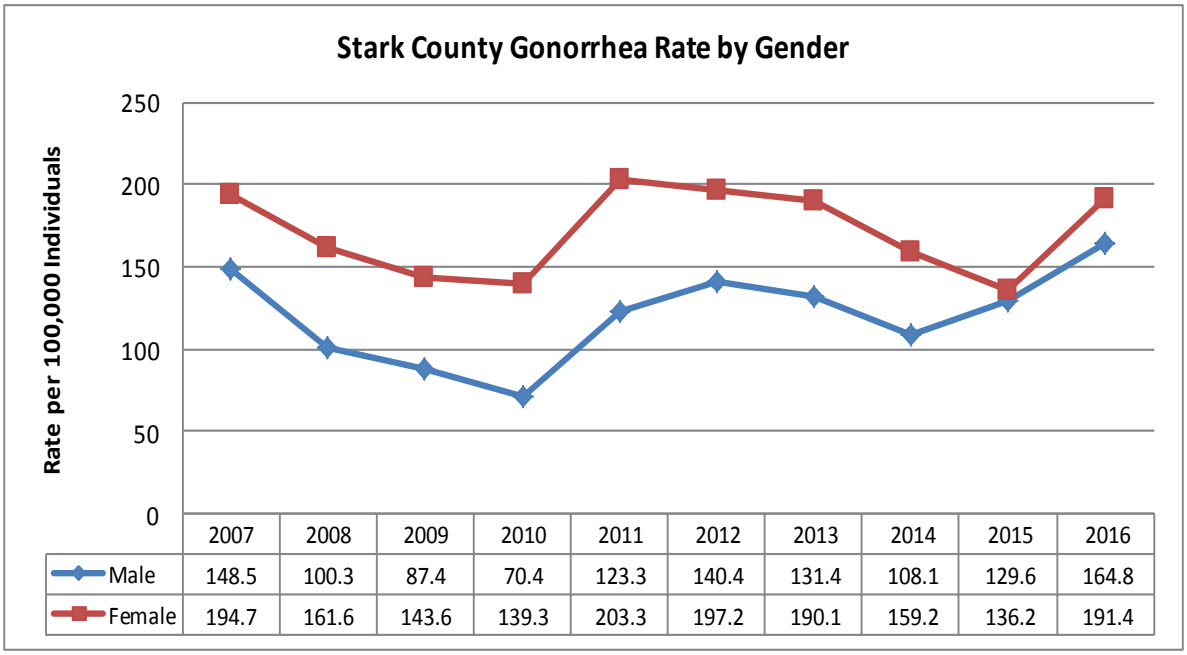
Physical Health



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
10 to 14	36.1	8.1	28.3	12	8	8.2	4.1	8.3	8.5	8.5
15 to 19	731.4	580.5	217.1	183.7	231.2	600.3	577.3	462.3	505.3	597
20 to 24	828.6	644.5	464.4	484.7	901.2	967.5	914.3	705.2	692.6	921
25 to 29	422.6	434.9	379.9	319.8	513.5	517	499.9	480.9	445.8	630.7
30 to 34	264.9	147.1	170.2	166.8	276.4	341.9	277	258.2	240.3	356.7
35 to 39	207.1	105.7	127.6	117.3	132	208.9	143.3	116.4	123.9	172
40 to 44	88.2	72.9	74.5	54.7	82.1	57.8	76.1	74.2	54.7	31.3



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Male	148.5	100.3	87.4	70.4	123.3	140.4	131.4	108.1	129.6	164.8
Female	194.7	161.6	143.6	139.3	203.3	197.2	190.1	159.2	136.2	191.4

Source:
Ohio Department of Health - STD Surveillance Program
Notes:
In this presentation, date of diagnosis is defined as the date the specimen was collected by the provider.
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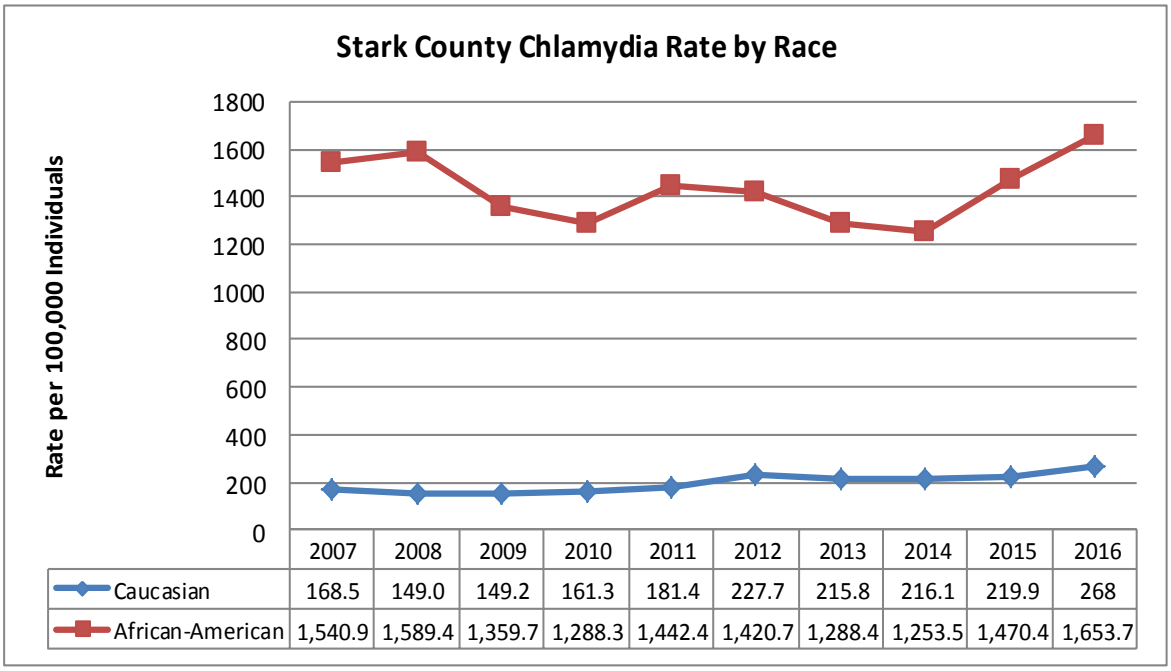
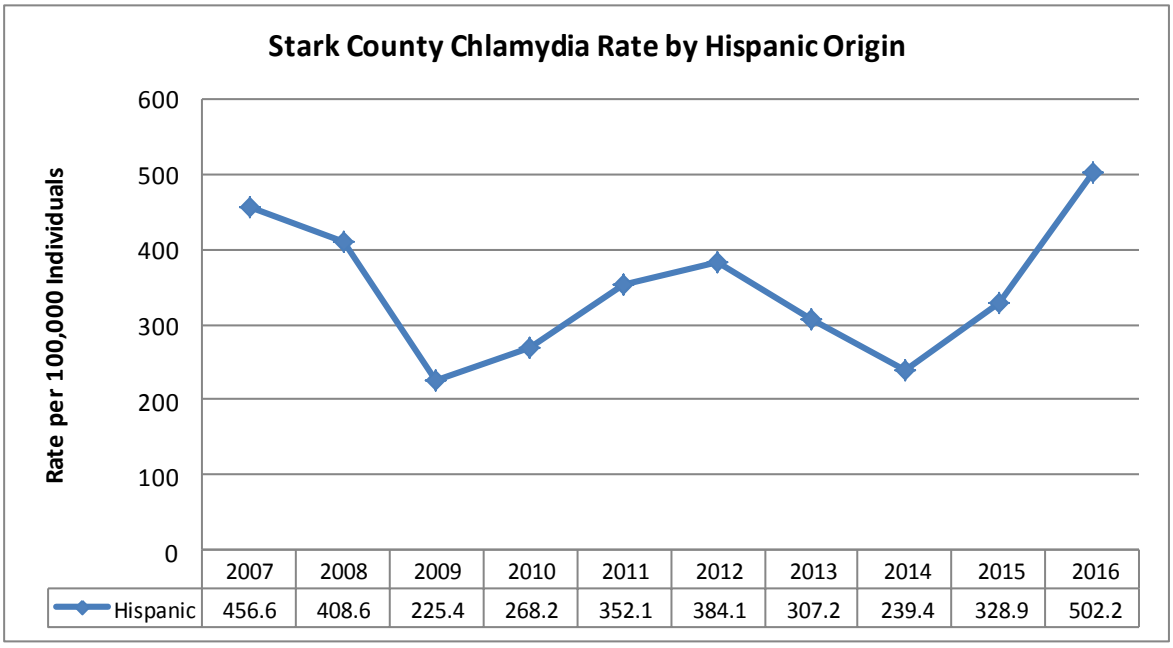
Physical Health



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Caucasian	168.5	149.0	149.2	161.3	181.4	227.7	215.8	216.1	219.9	268
African-American	1,540.9	1,589.4	1,359.7	1,288.3	1,442.4	1,420.7	1,288.4	1,253.5	1,470.4	1,653.7



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Hispanic	456.6	408.6	225.4	268.2	352.1	384.1	307.2	239.4	328.9	502.2

Source:
Ohio Department of Health - STD Surveillance Program
Caveat:
Native Americans and Asian/Pacific Islanders are not reported due to small population size.
Notes:
In this presentation, date of diagnosis is defined as the date the specimen was collected by the provider.
Rates are shown per 100,000 persons and were calculated using census estimates for that year.
Provisional data. Numbers subject to change when additional information is gained.
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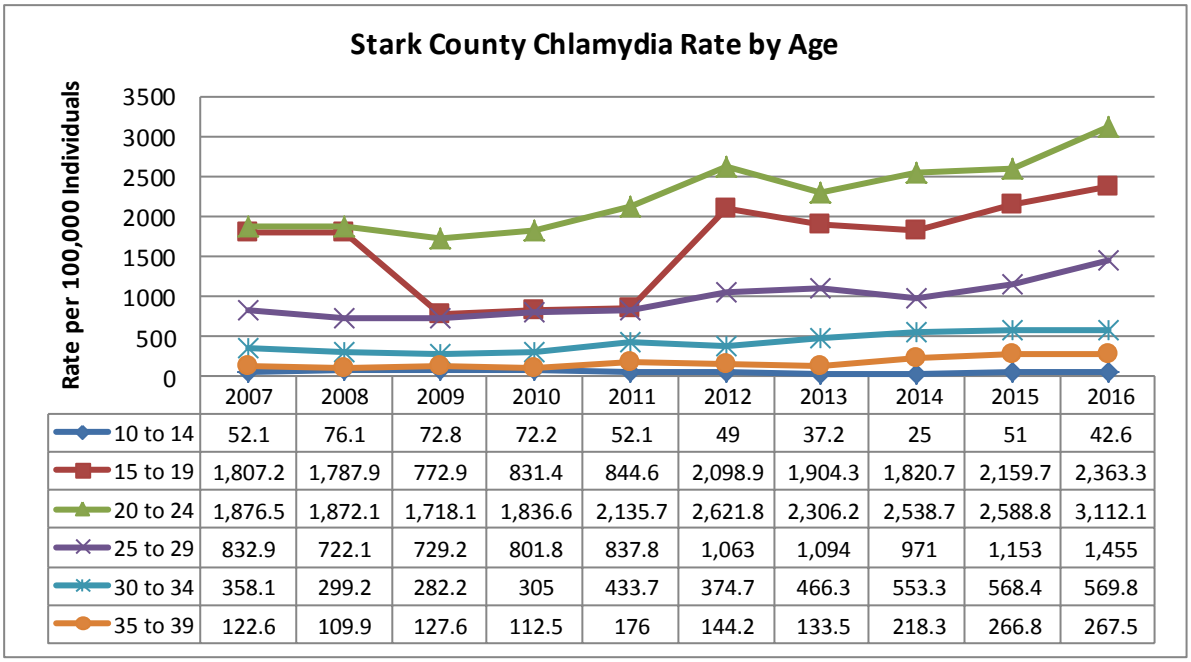
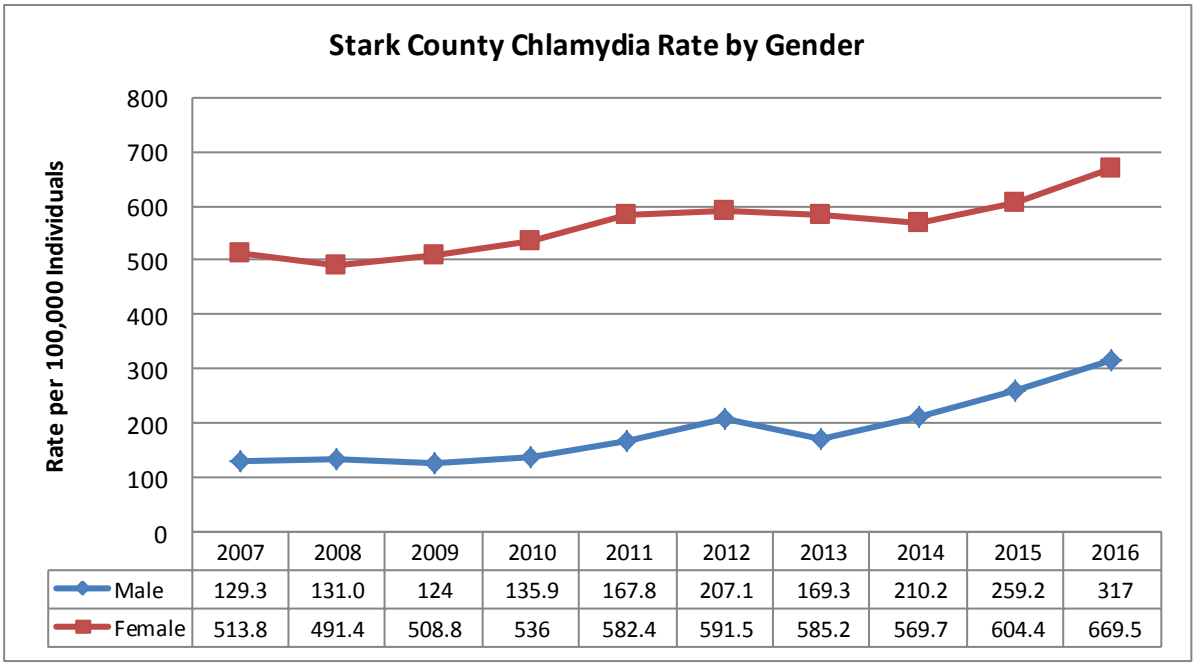
Physical Health



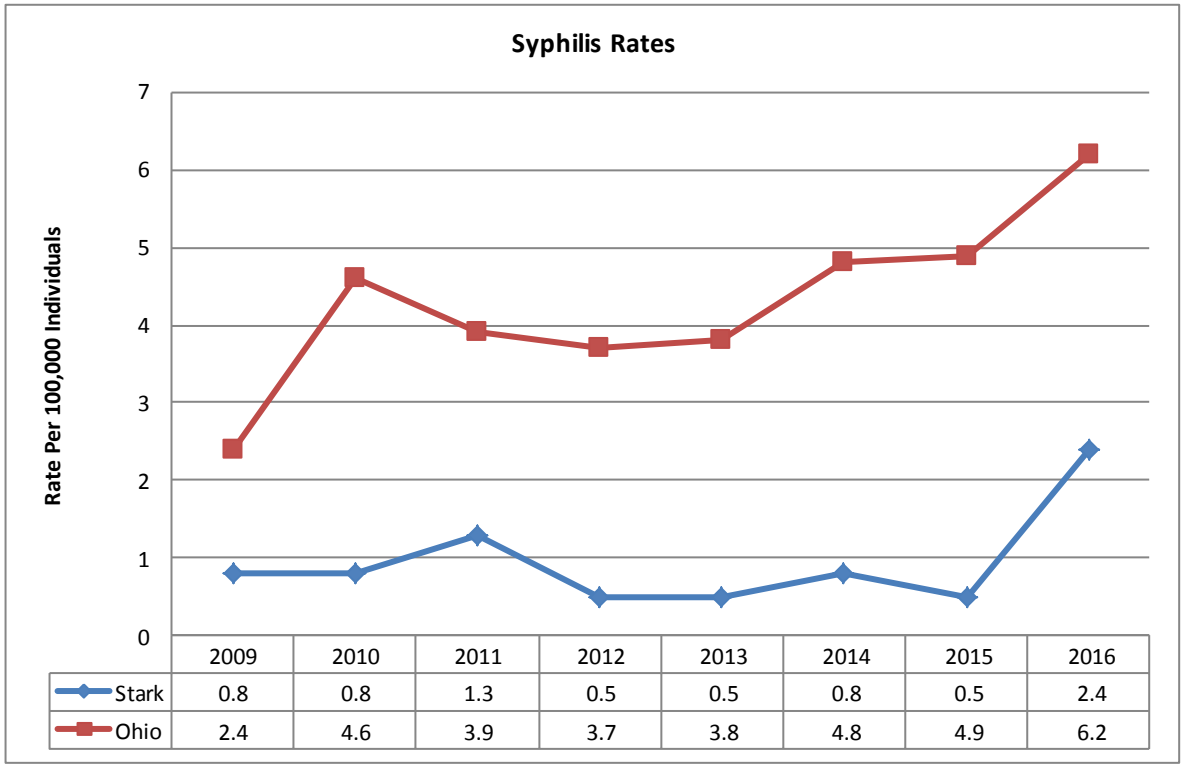
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
10 to 14	52.1	76.1	72.8	72.2	52.1	49	37.2	25	51	42.6
15 to 19	1,807.2	1,787.9	772.9	831.4	844.6	2,098.9	1,904.3	1,820.7	2,159.7	2,363.3
20 to 24	1,876.5	1,872.1	1,718.1	1,836.6	2,135.7	2,621.8	2,306.2	2,538.7	2,588.8	3,112.1
25 to 29	832.9	722.1	729.2	801.8	837.8	1,063	1,094	971	1,153	1,455
30 to 34	358.1	299.2	282.2	305	433.7	374.7	466.3	553.3	568.4	569.8
35 to 39	122.6	109.9	127.6	112.5	176	144.2	133.5	218.3	266.8	267.5



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Male	129.3	131.0	124	135.9	167.8	207.1	169.3	210.2	259.2	317
Female	513.8	491.4	508.8	536	582.4	591.5	585.2	569.7	604.4	669.5

Source:
Ohio Department of Health - STD Surveillance Program
Notes:
In this presentation, date of diagnosis is defined as the date the specimen was collected by the provider.
Rates are shown per 100,000 persons and were calculated using census estimates for that year.
Provisional data. Numbers subject to change when additional information is gained.
Small numbers are unstable and should be interpreted with caution.

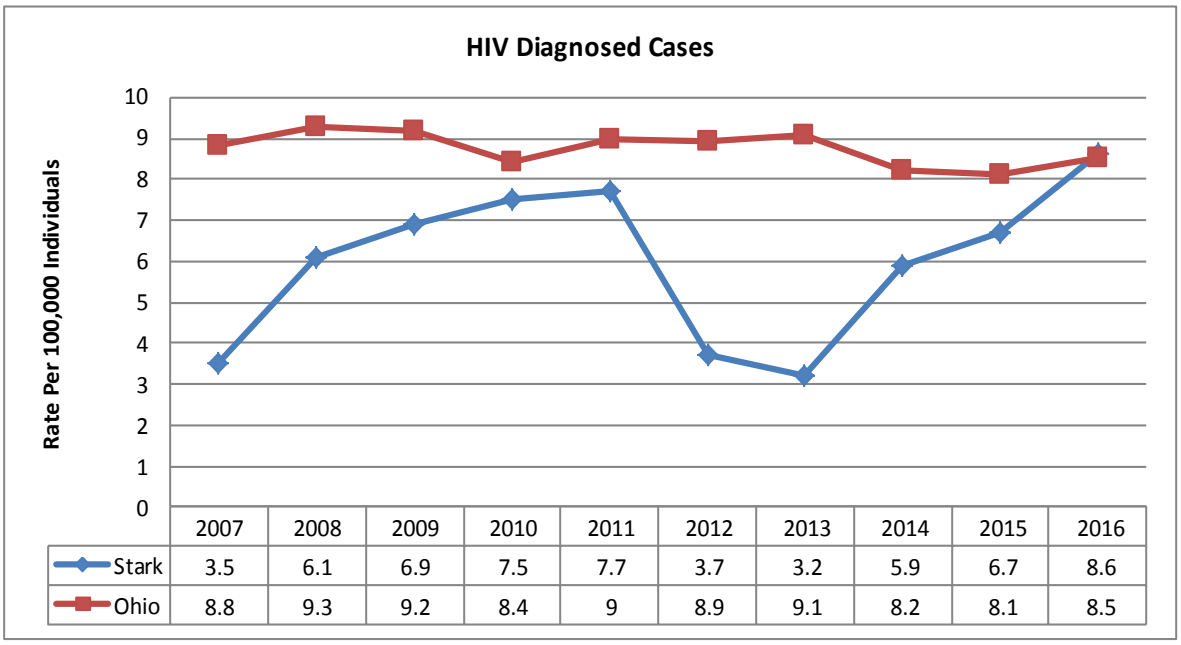
Physical Health



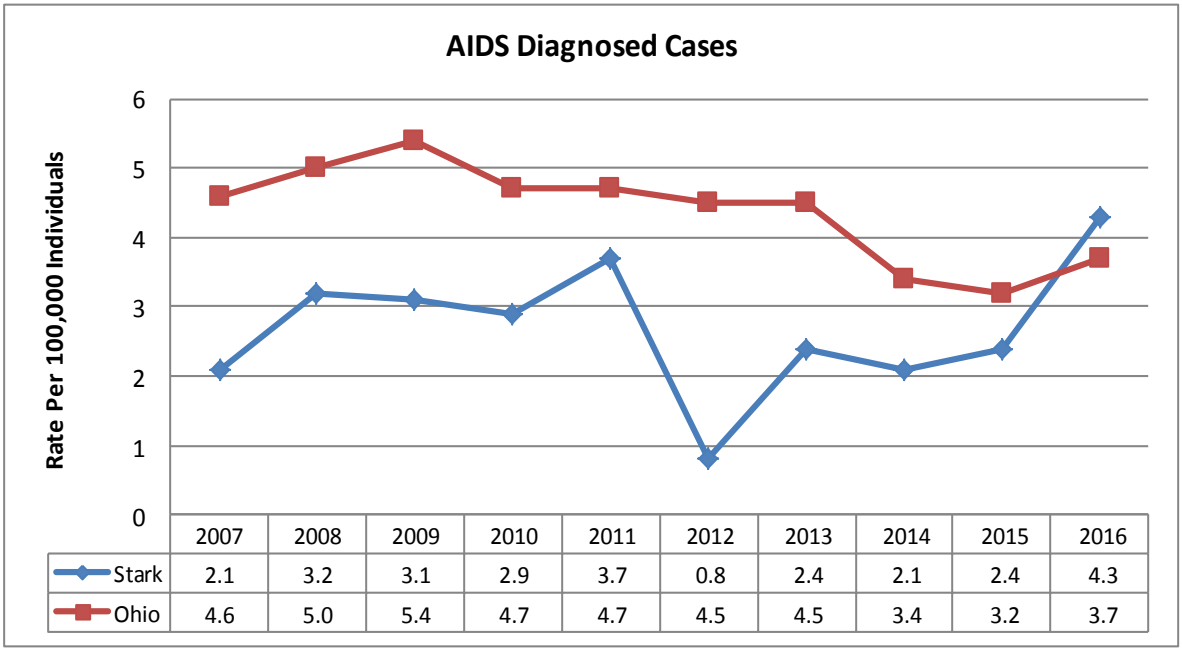
	2009	2010	2011	2012	2013	2014	2015	2016
Stark	0.8	0.8	1.3	0.5	0.5	0.8	0.5	2.4
Ohio	2.4	4.6	3.9	3.7	3.8	4.8	4.9	6.2

Source:
Ohio Department of Health - STD Surveillance Program
Caveat:
Syphilis diagnoses are not a good indicator of sexually transmitted diseases due to the small numbers of diagnoses.
Small numbers are unstable and should be interpreted with caution.
Notes:
Syphilis rate includes primary and secondary cases.
Rates are shown per 100,000 persons and were calculated using census estimates for that year.
Provisional data. Numbers subject to change when additional information is gained.

Physical Health



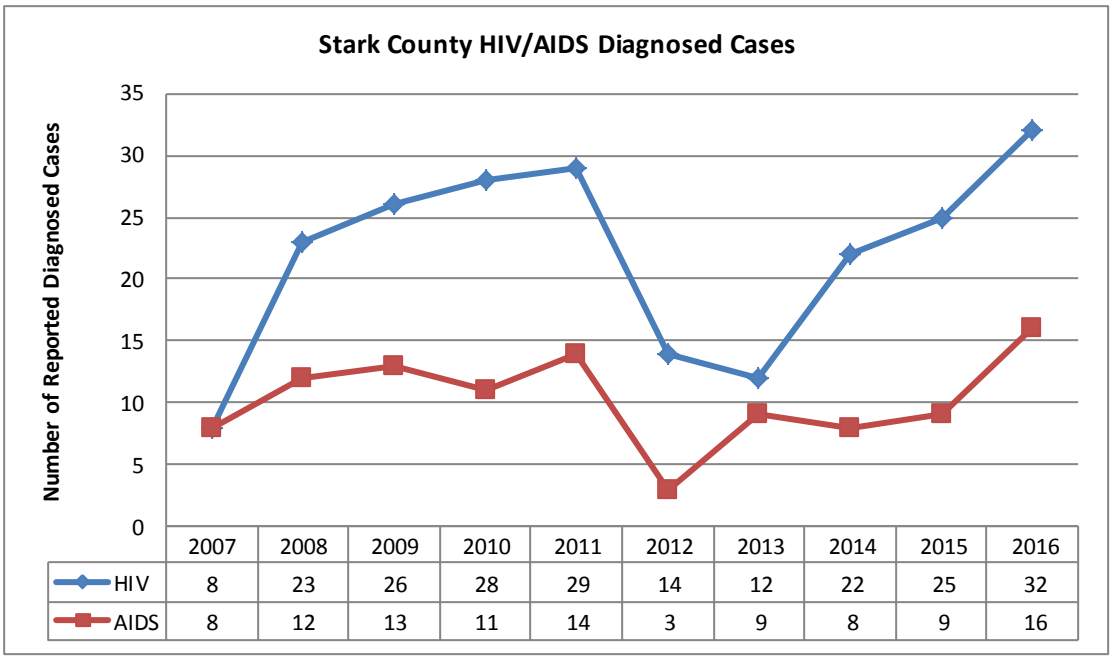
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Stark	3.5	6.1	6.9	7.5	7.7	3.7	3.2	5.9	6.7	8.6
Ohio	8.8	9.3	9.2	8.4	9	8.9	9.1	8.2	8.1	8.5



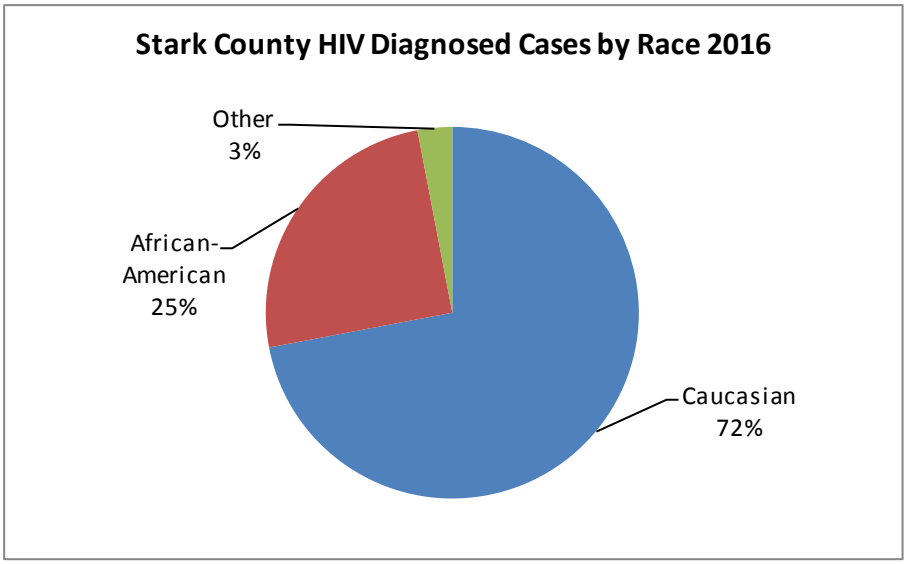
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Stark	2.1	3.2	3.1	2.9	3.7	0.8	2.4	2.1	2.4	4.3
Ohio	4.6	5.0	5.4	4.7	4.7	4.5	4.5	3.4	3.2	3.7

Source:
Ohio Department of Health - HIV/AIDS Surveillance Program
Notes:
Diagnoses of HIV infection include persons with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later AIDS diagnosis and concurrent diagnoses of HIV infection and AIDS.
Diagnoses of HIV infection by year represent all reported cases diagnosed in each year.
AIDS diagnoses by year represent all reported AIDS cases diagnosed in each year.
Rate per 100,000 population. The rate is based on the U.S. Census Bureau's population estimates.

Physical Health

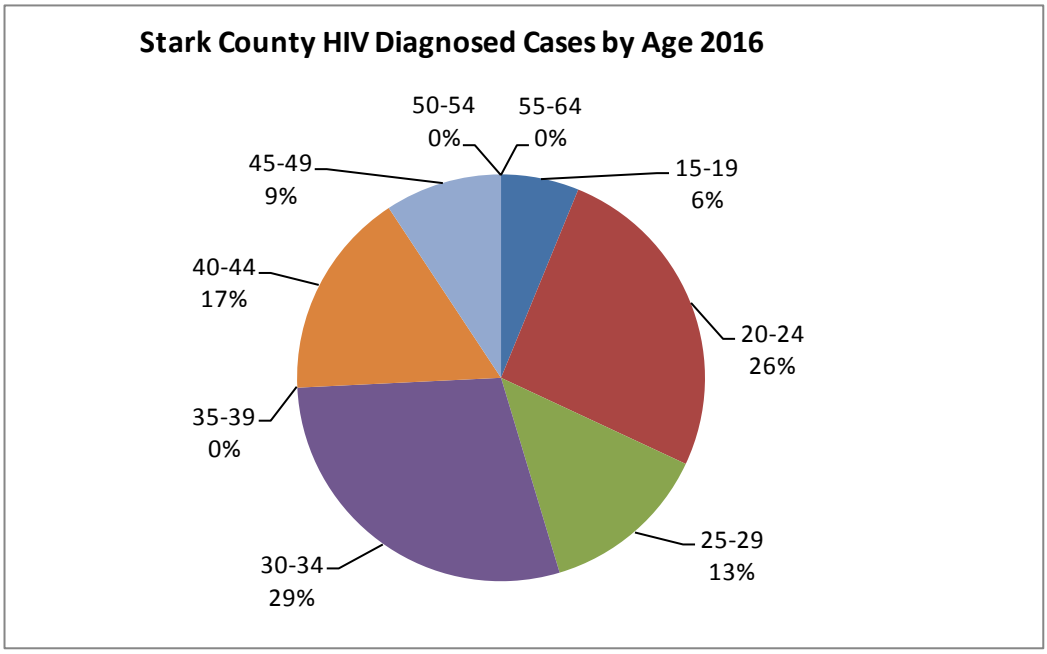


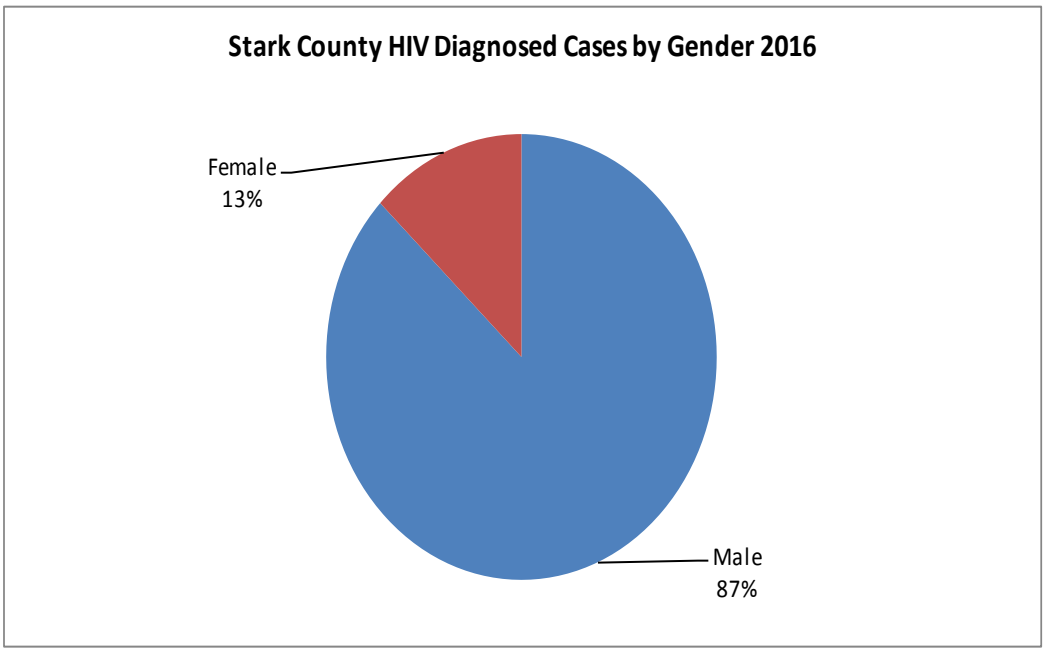
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
HIV	8	23	26	28	29	14	12	22	25	32
AIDS	8	12	13	11	14	3	9	8	9	16



Source:
Ohio Department of Health - HIV/AIDS Surveillance Program
Caveat:
Native Americans and Asian/Pacific Islanders are not reported due to small population size.
Notes:
Diagnoses of HIV infection include persons with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later AIDS diagnosis and concurrent diagnoses of HIV infection and AIDS.
Diagnoses of HIV/AIDS by year represent all reported cases diagnosed in each year.

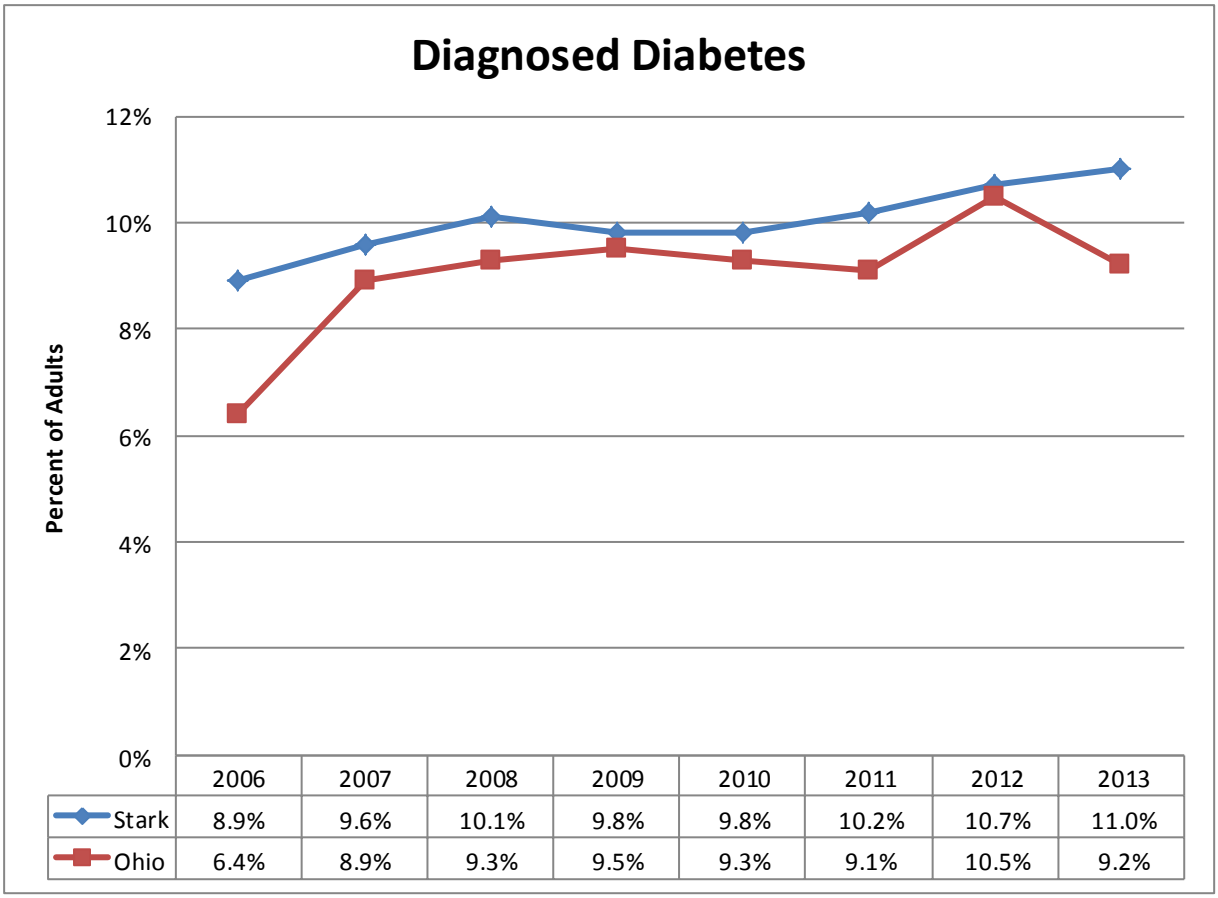
Physical Health





Source:
Ohio Department of Health - HIV/AIDS Surveillance Program
Notes:
Diagnoses of HIV infection include persons with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later AIDS diagnosis and concurrent diagnoses of HIV infection and AIDS.
Diagnoses of HIV infection by year represent all reported cases diagnosed in each year.

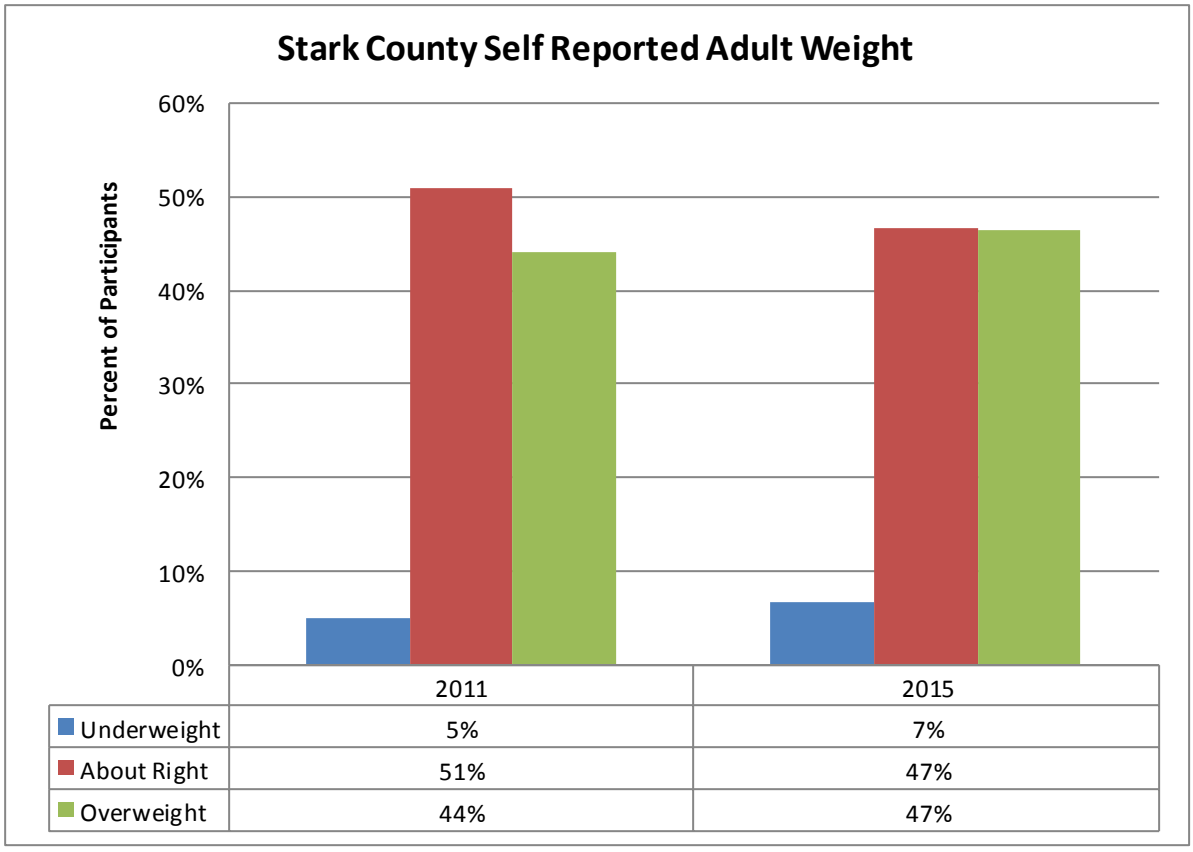
Physical Health



	2006	2007	2008	2009	2010	2011	2012	2013
Stark	8.9%	9.6%	10.1%	9.8%	9.8%	10.2%	10.7%	11.0%
Ohio	6.4%	8.9%	9.3%	9.5%	9.3%	9.1%	10.5%	9.2%

Source:
Centers for Disease Control and Prevention
Definition:
Age-Adjusted Percentage - Artificial estimate that minimizes the effects of different age distributions and allows comparisons between different populations.
Notes:
Data computed by personnel of the CDC's Division of Diabetes Translation

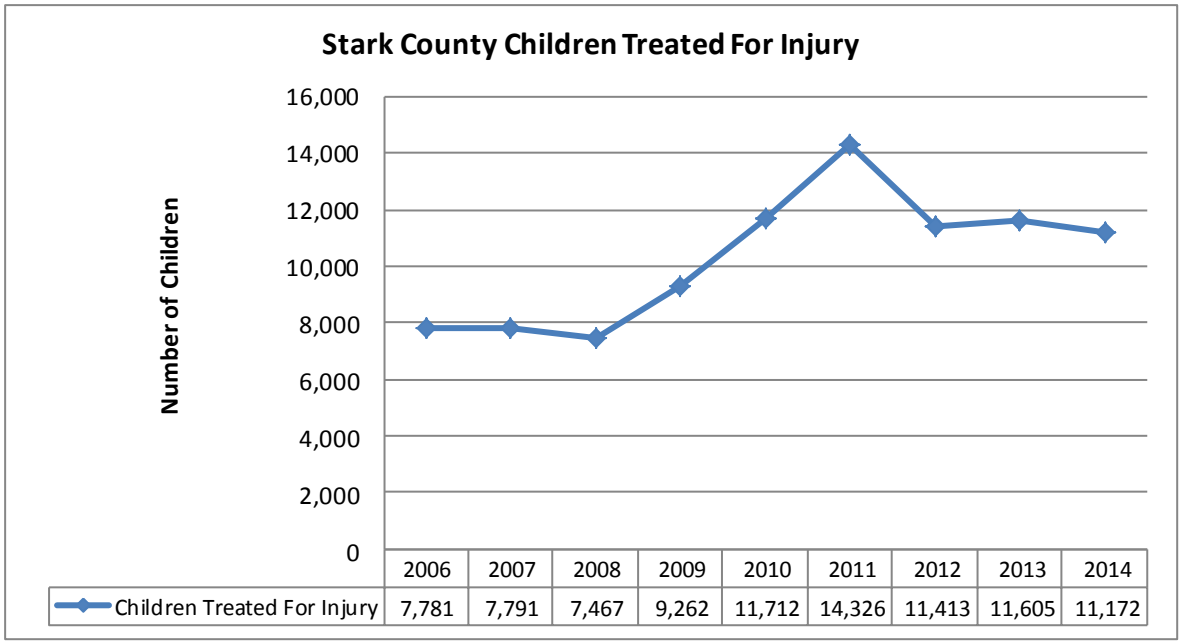
Physical Health



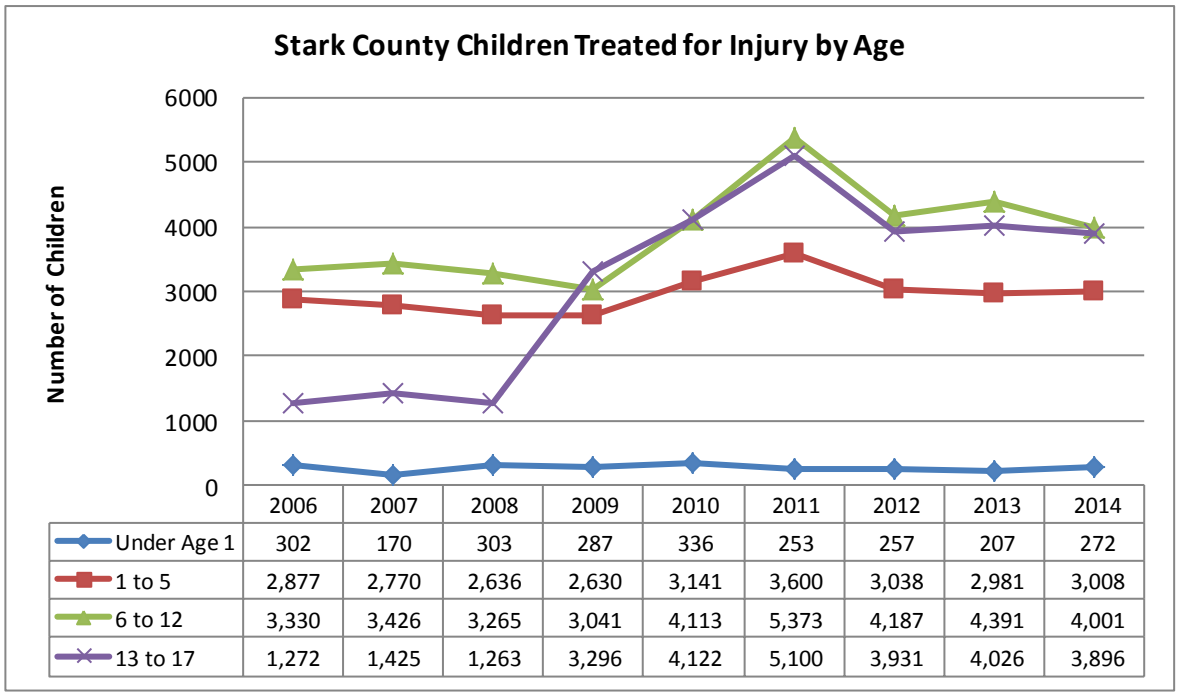
	2011	2015
Underweight	5%	7%
About Right	51%	47%
Overweight	44%	47%

Source:
Center for Marketing and Opinion Research, L.L.C. - 2011, 2015 Stark Poll
Caveat:
The Stark Poll is a statistically representative telephone survey of Stark County residents.
Note:
All data collected through the Stark Poll is self reported.

Physical Health



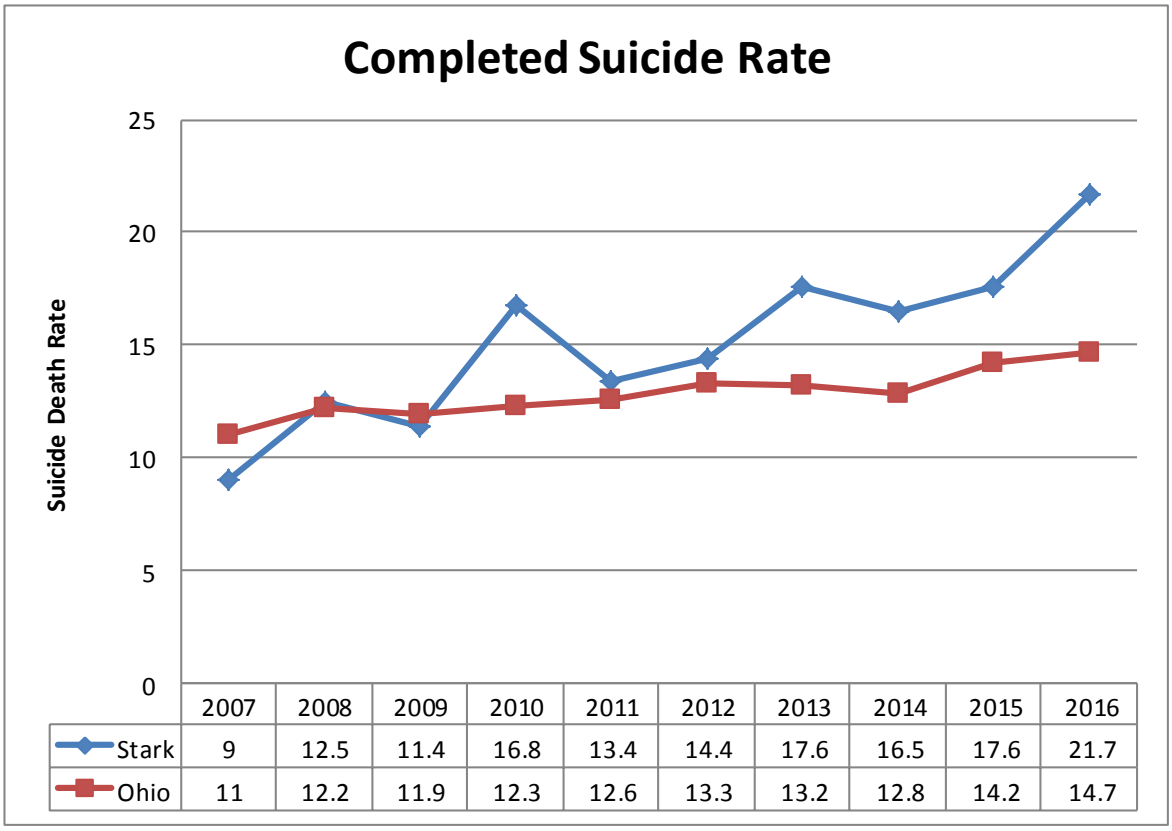
	2006	2007	2008	2009	2010	2011	2012	2013	2014
Children Treated For Injury	7,781	7,791	7,467	9,262	11,712	14,326	11,413	11,605	11,172



	2006	2007	2008	2009	2010	2011	2012	2013	2014
Under Age 1	302	170	303	287	336	253	257	207	272
1 to 5	2,877	2,770	2,636	2,630	3,141	3,600	3,038	2,981	3,008
6 to 12	3,330	3,426	3,265	3,041	4,113	5,373	4,187	4,391	4,001
13 to 17	1,272	1,425	1,263	3,296	4,122	5,100	3,931	4,026	3,896

Source:
Stark County Health Department, Stark County Child Injury Report: 2006-2013
Note:
2002-2009 Reports did not include Immediate Care Facilitates, only Hospitals.
2009 Stark County Child Injury Report - First year to include adolescents age 15-17.

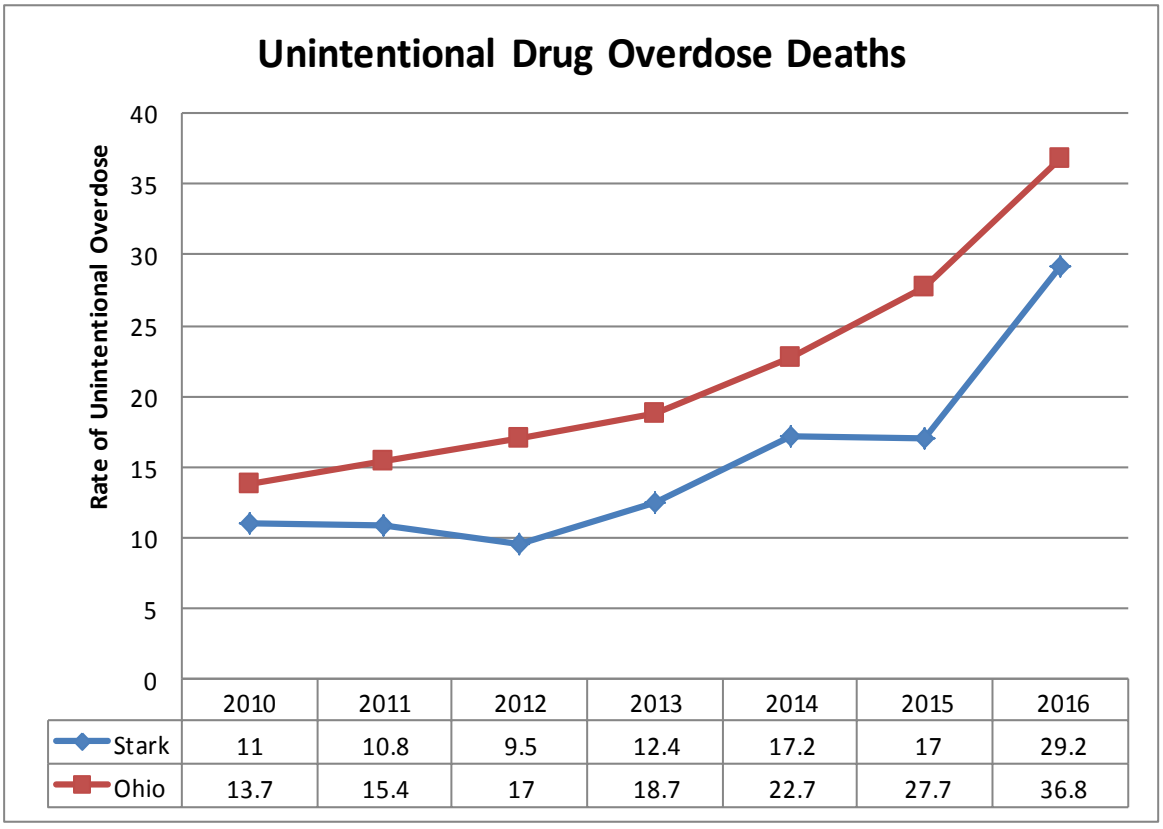
Behavioral Health



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Stark	9	12.5	11.4	16.8	13.4	14.4	17.6	16.5	17.6	21.7
Ohio	11	12.2	11.9	12.3	12.6	13.3	13.2	12.8	14.2	14.7

Source:
Ohio Department of Health - Ohio Public Heath Data Warehouse
Caveat:
The Ohio Department of Health specifically disclaims responsibility for any analysis, interpretations or conclusions.

Behavioral Health



	2010	2011	2012	2013	2014	2015	2016
Stark	11	10.8	9.5	12.4	17.2	17	29.2
Ohio	13.7	15.4	17	18.7	22.7	27.7	36.8

Source:
Ohio Department of Health, Ohio Public Health Data Warehouse
Caveat:
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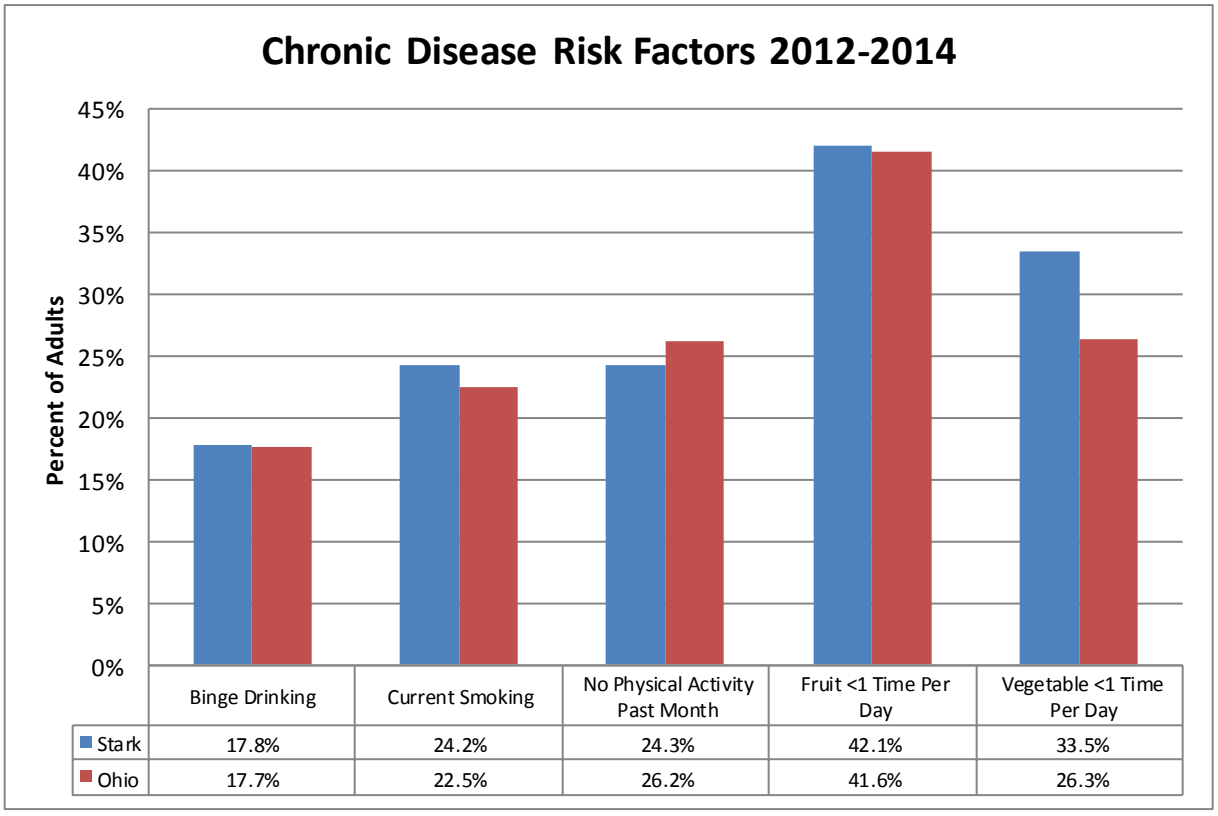
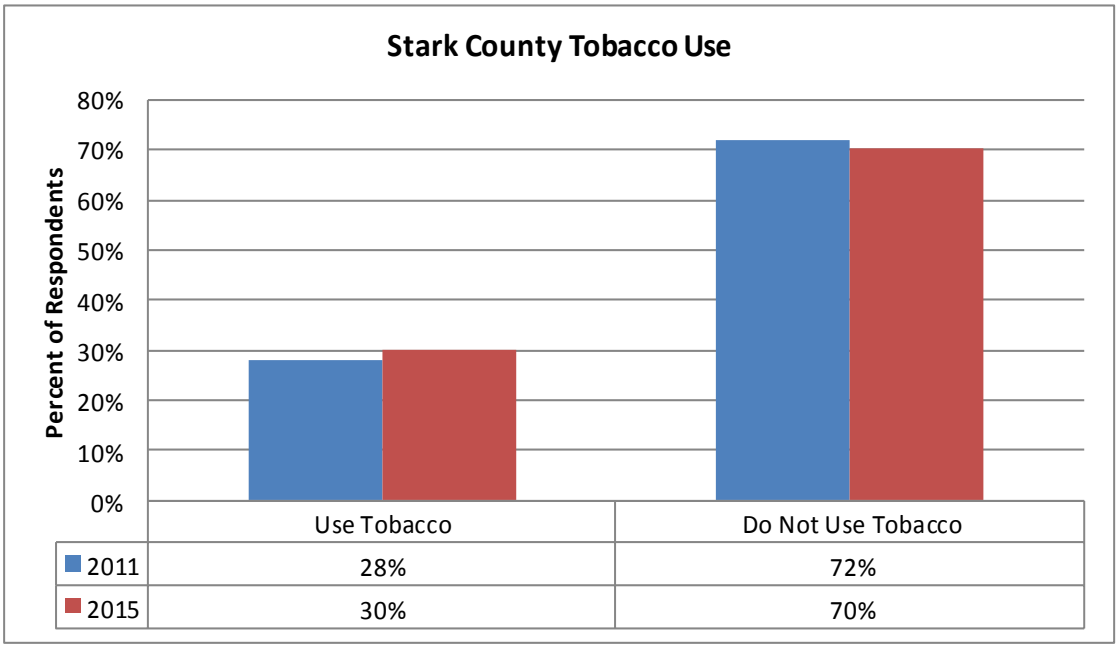
Behavioral Health

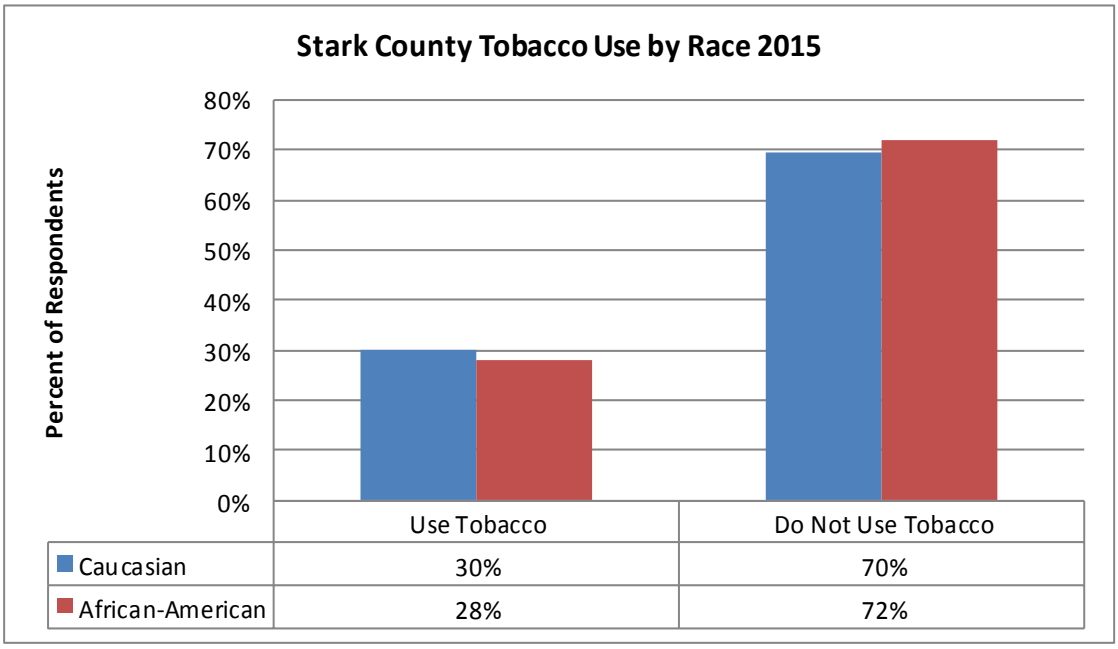


	Binge Drinking	Current Smoking	No Physical Activity Past Month	Fruit <1 Time Per Day	Vegetable <1 Time Per Day
Stark	17.8%	24.2%	24.3%	42.1%	33.5%
Ohio	17.7%	22.5%	26.2%	41.6%	26.3%

Source:
Ohio Behavioral Risk Factor Surveillance System, Chronic Disease and Behavioral Epidemiology, Center for Public Health Statistics and Informatics, Ohio Department of Health
Note:
Question regarding fruit/vegetable <1 time per day was only collected in 2013.

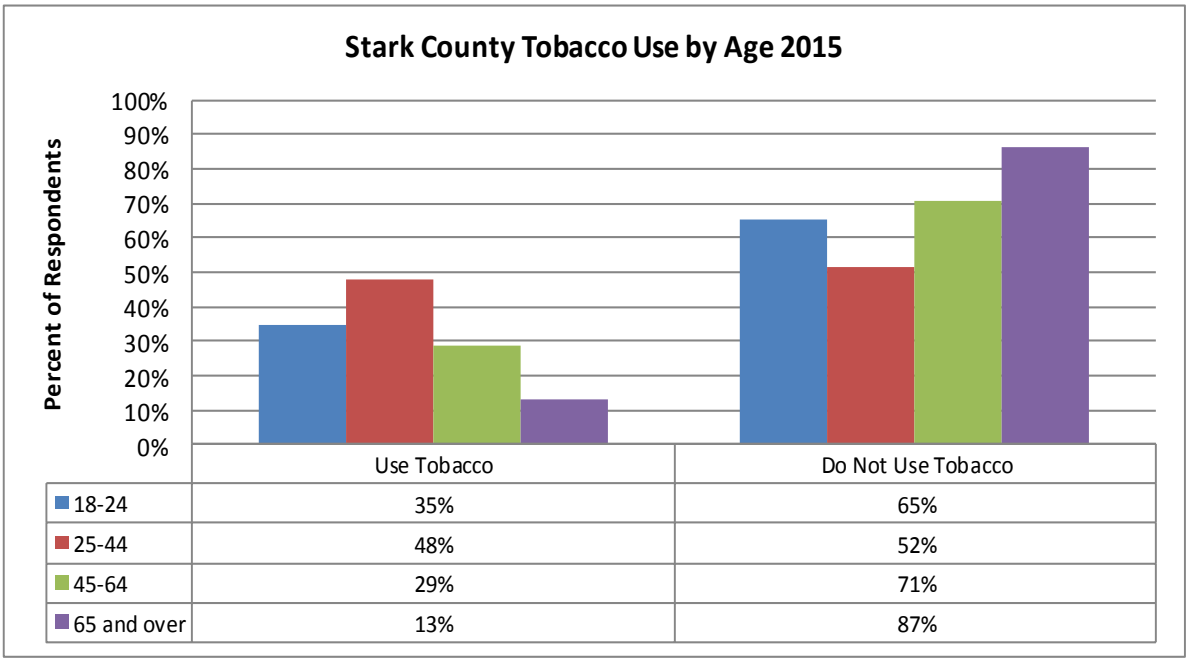
Behavioral Health

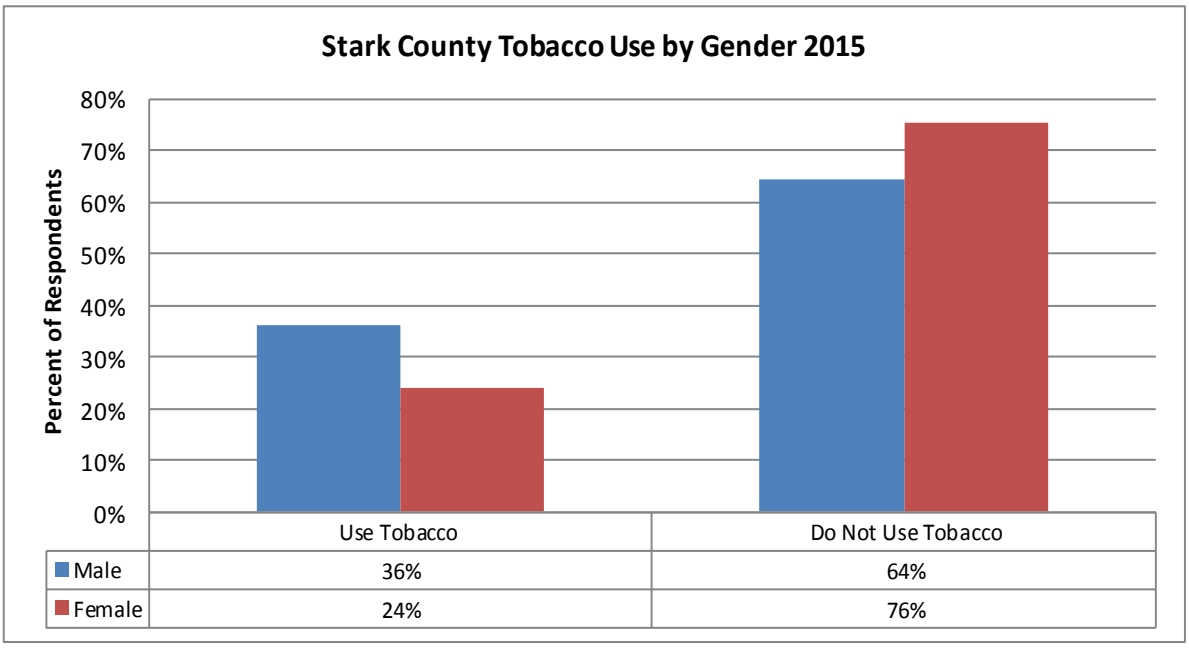




Source:
Center for Marketing and Opinion Research, L.L.C. - 2011, 2015 Stark Poll
Caveat:
The Stark Poll is a statistically representative telephone survey of Stark County residents.
Note:
Tobacco use includes cigarettes and other tobacco products.

Behavioral Health





Source:
Center for Marketing and Opinion Research, L.L.C. - 2015 Stark Poll
Caveat:
The Stark Poll is a statistically representative telephone survey of Stark County residents.
Note:
Tobacco use includes cigarettes and other tobacco products.

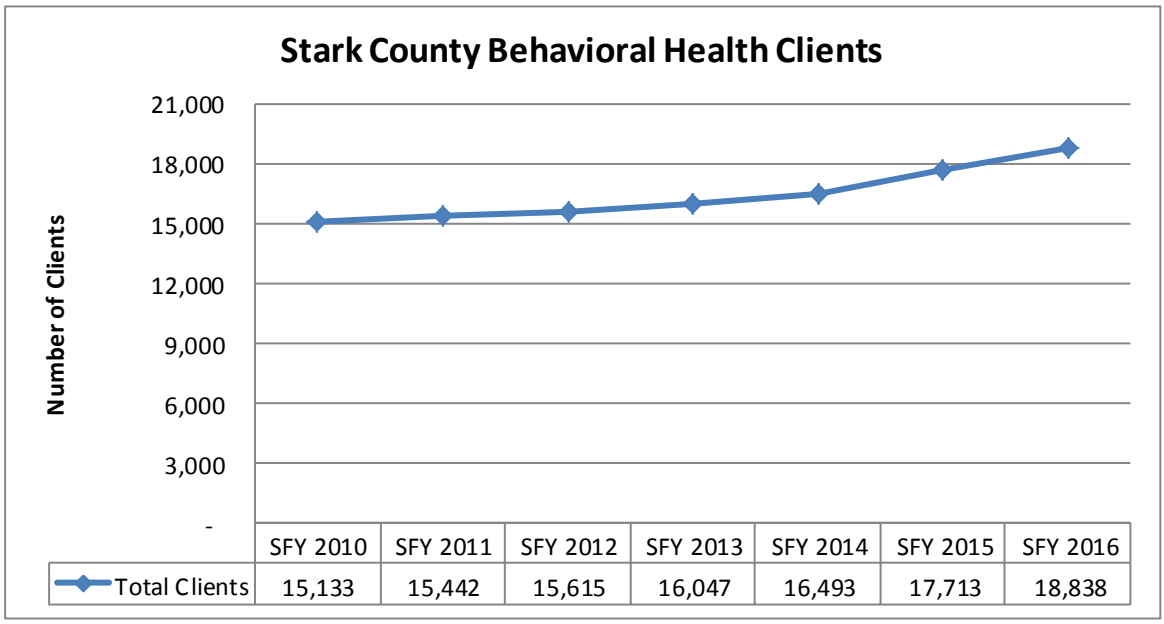
Behavioral Health

Top Ten Diagnostic Groups SFY 2016	Adults
Depressive Disorders	3,618
Bipolar Disorders	2,632
Anxiety Disorders	2,265
Alcohol Use Disorders	1,586
Opioid Use Disorders	1,577
Schizophrenia/Other Psychotic Disorders	1,253
Post-Traumatic Stress Disorders	1,174
Adjustment Disorders	979
Cannabis Use Disorders	688
V Codes	609
Total	16,381

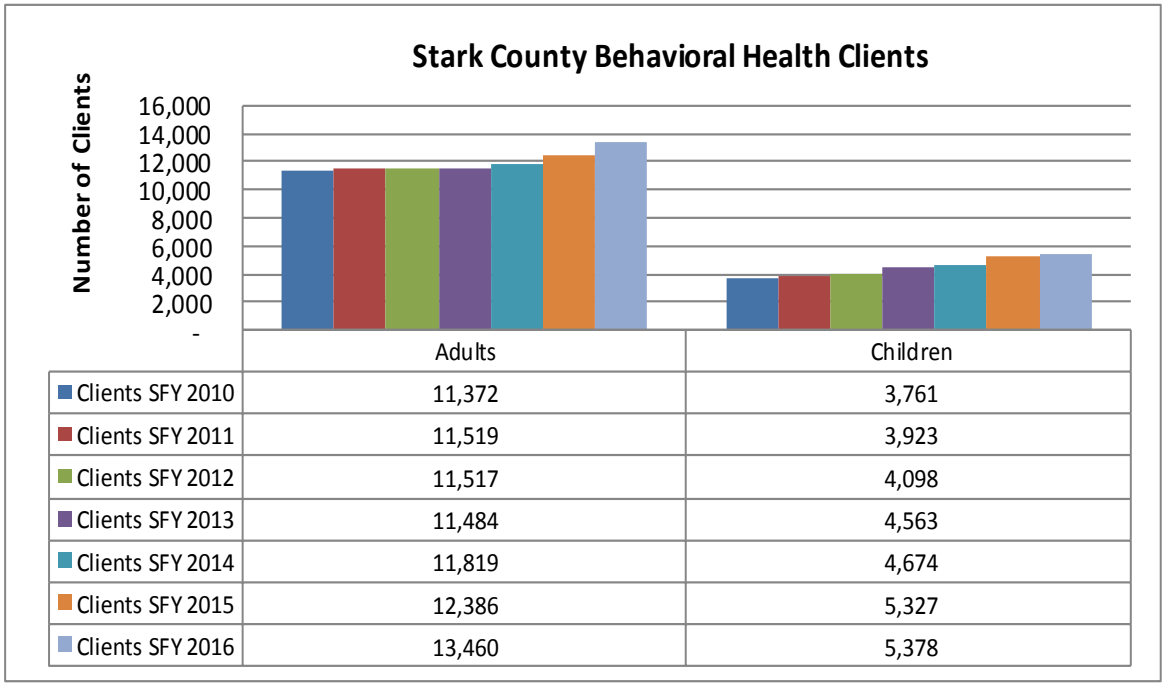
Top Ten Diagnostic Groups SFY 2016	Children
Adjustment Disorders	2,094
Conduct Disorders	1,281
Attention-Deficit/Disruptive Behavior	1,144
Anxiety Disorders	1,050
Depressive Disorders	888
Post-Traumatic Stress Disorders	612
Bipolar Disorders	424
Cannabis Use Disorders	228
Pervasive Developmental Disorders	216
Personality Disorders	138
Total	8,075

Source:
Mental Health and Recovery Board of Stark County - Heartland East Reporting Services

Behavioral Health



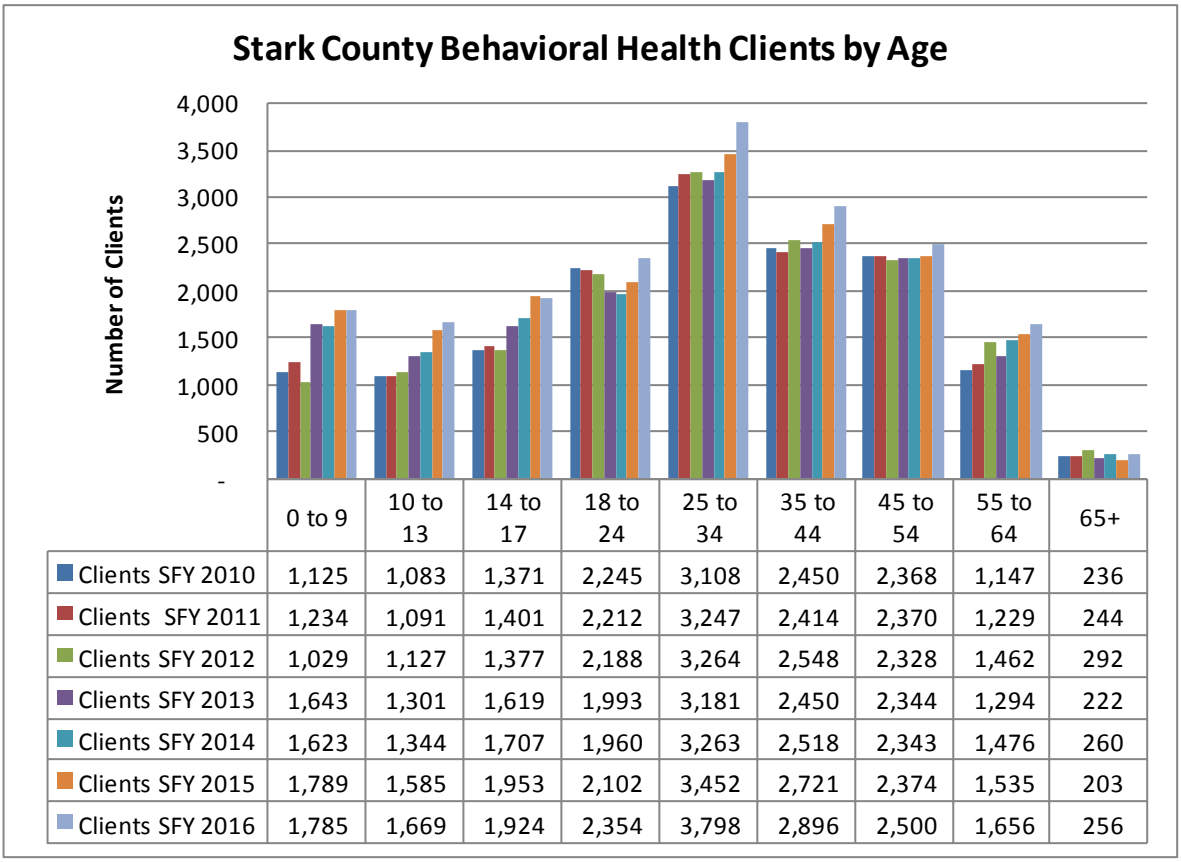
	SFY 2010	SFY 2011	SFY 2012	SFY 2013	SFY 2014	SFY 2015	SFY 2016
Total Clients	15,133	15,442	15,615	16,047	16,493	17,713	18,838



	Adults	Children
Clients SFY 2010	11,372	3,761
Clients SFY 2011	11,519	3,923
Clients SFY 2012	11,517	4,098
Clients SFY 2013	11,484	4,563
Clients SFY 2014	11,819	4,674
Clients SFY 2015	12,386	5,327
Clients SFY 2016	13,460	5,378

Source:
Mental Health and Recovery Board of Stark County - Heartland East Reporting Services
Definition:
Behavioral health includes mental health, substance abuse treatment and prevention services.
Caveat:
Native Americans and Asian/Pacific Islander are not reported due to small population size.
Note:
State Fiscal Year (SFY) July 1st through June 30th.

Behavioral Health



	0 to 9	10 to 13	14 to 17	18 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
Clients SFY 2010	1,125	1,083	1,371	2,245	3,108	2,450	2,368	1,147	236
Clients SFY 2011	1,234	1,091	1,401	2,212	3,247	2,414	2,370	1,229	244
Clients SFY 2012	1,029	1,127	1,377	2,188	3,264	2,548	2,328	1,462	292
Clients SFY 2013	1,643	1,301	1,619	1,993	3,181	2,450	2,344	1,294	222
Clients SFY 2014	1,623	1,344	1,707	1,960	3,263	2,518	2,343	1,476	260
Clients SFY 2015	1,789	1,585	1,953	2,102	3,452	2,721	2,374	1,535	203
Clients SFY 2016	1,785	1,669	1,924	2,354	3,798	2,896	2,500	1,656	256

Source:
Mental Health and Recovery Board of Stark County - Heartland East Reporting Services
Definition:
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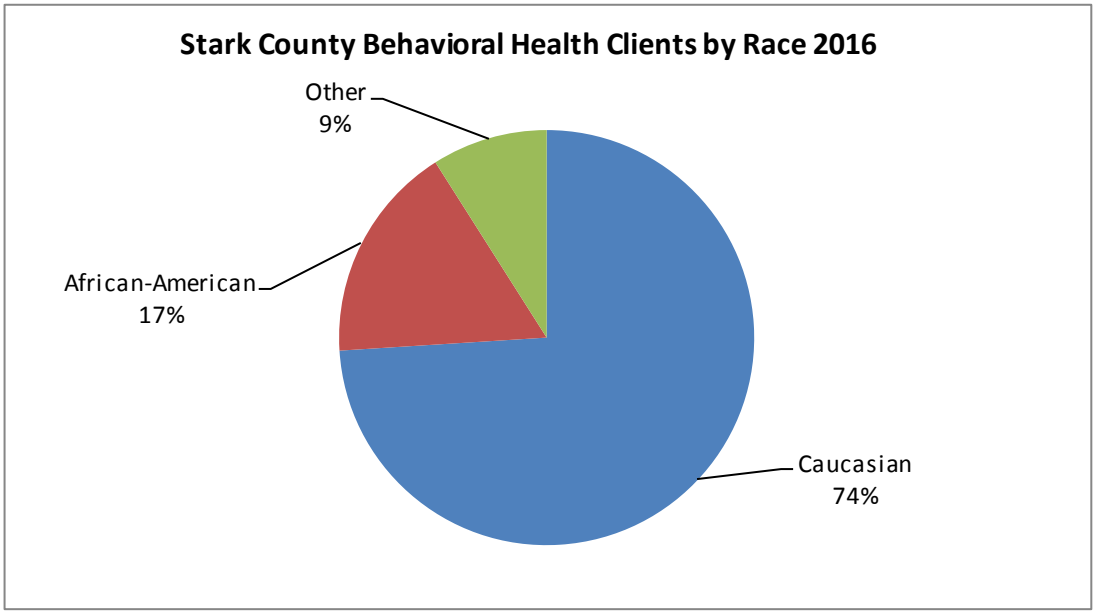
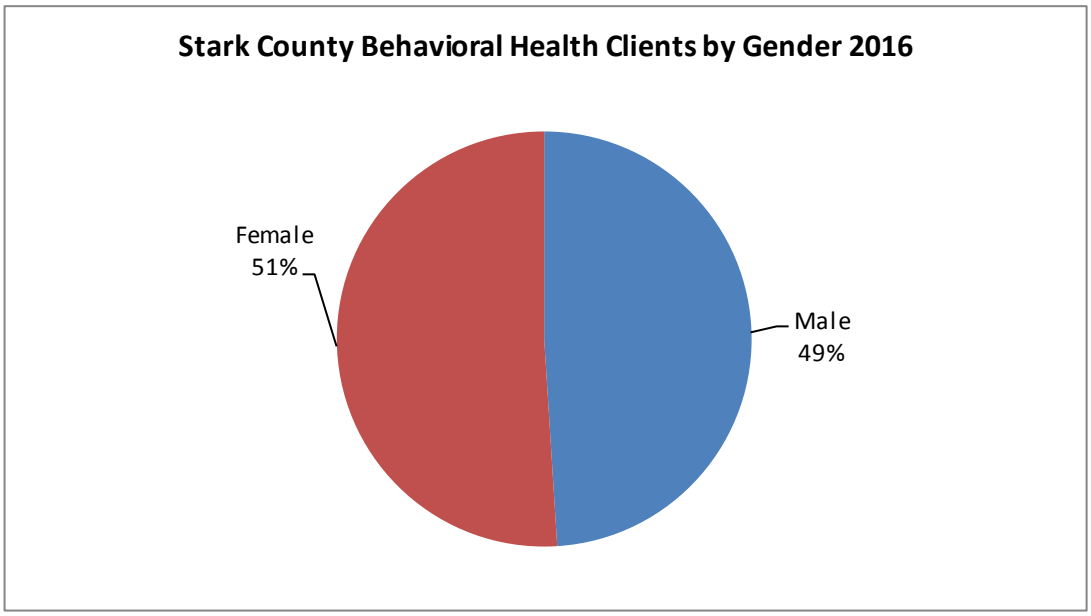
Behavioral Health





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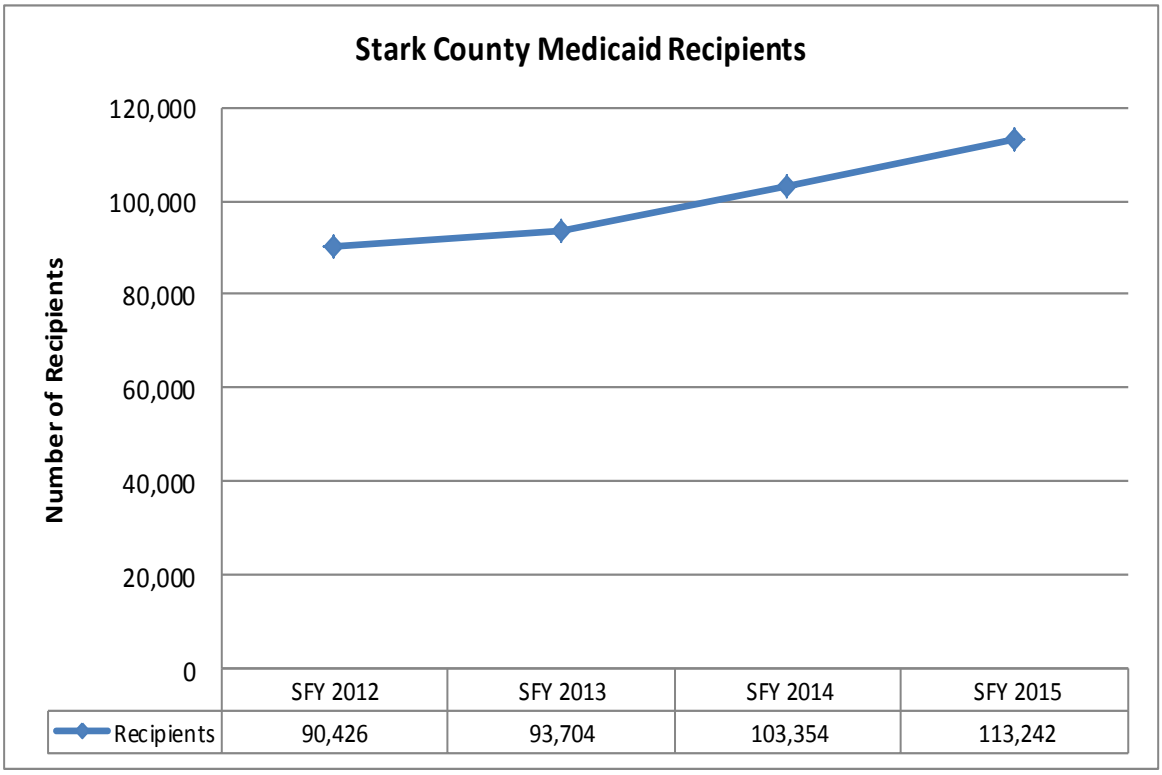
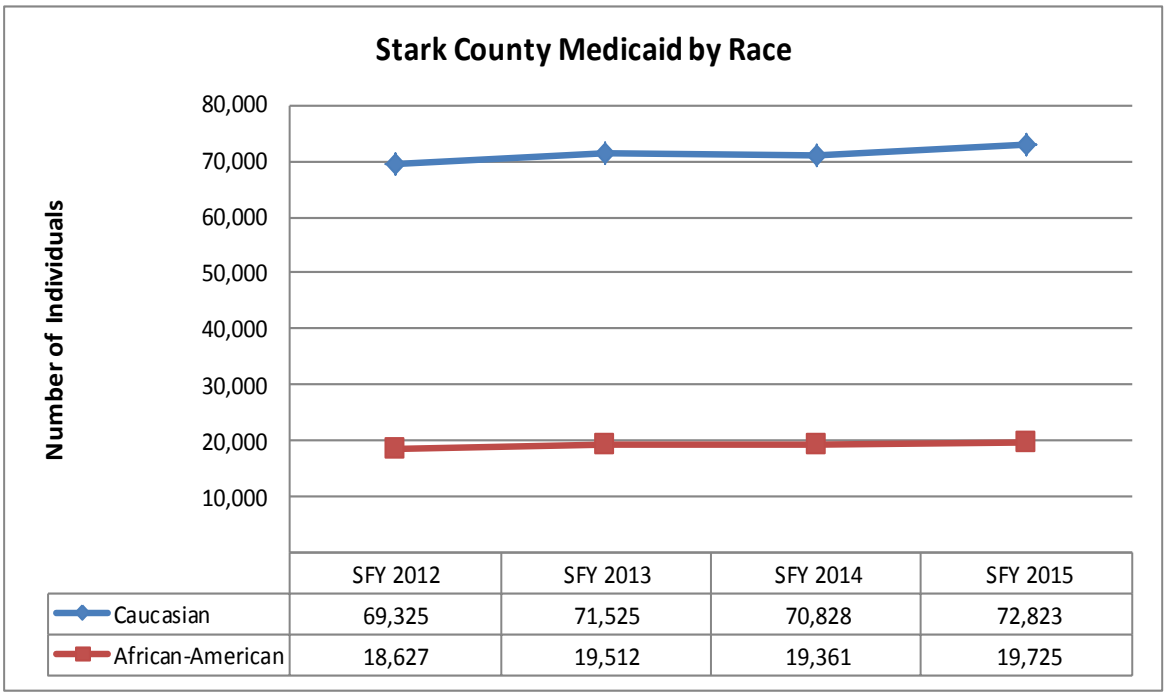
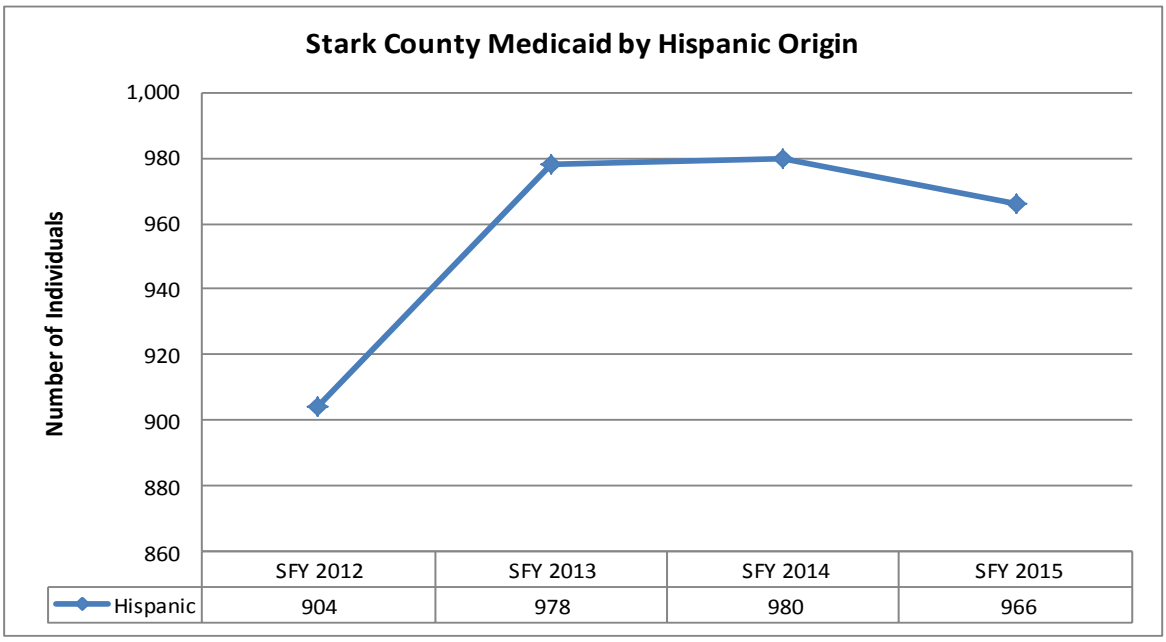
Access to HealthCare



Source:
Ohio Department of Medicaid - QDSS (Quality Decision Support System)
Definition:
State Fiscal Year (SFY) - The fiscal year for the State of Ohio is July 1st through June 30th.

Access to HealthCare





Source:
Ohio Department of Medicaid - QDSS (Quality Decision Support System)
Definition:
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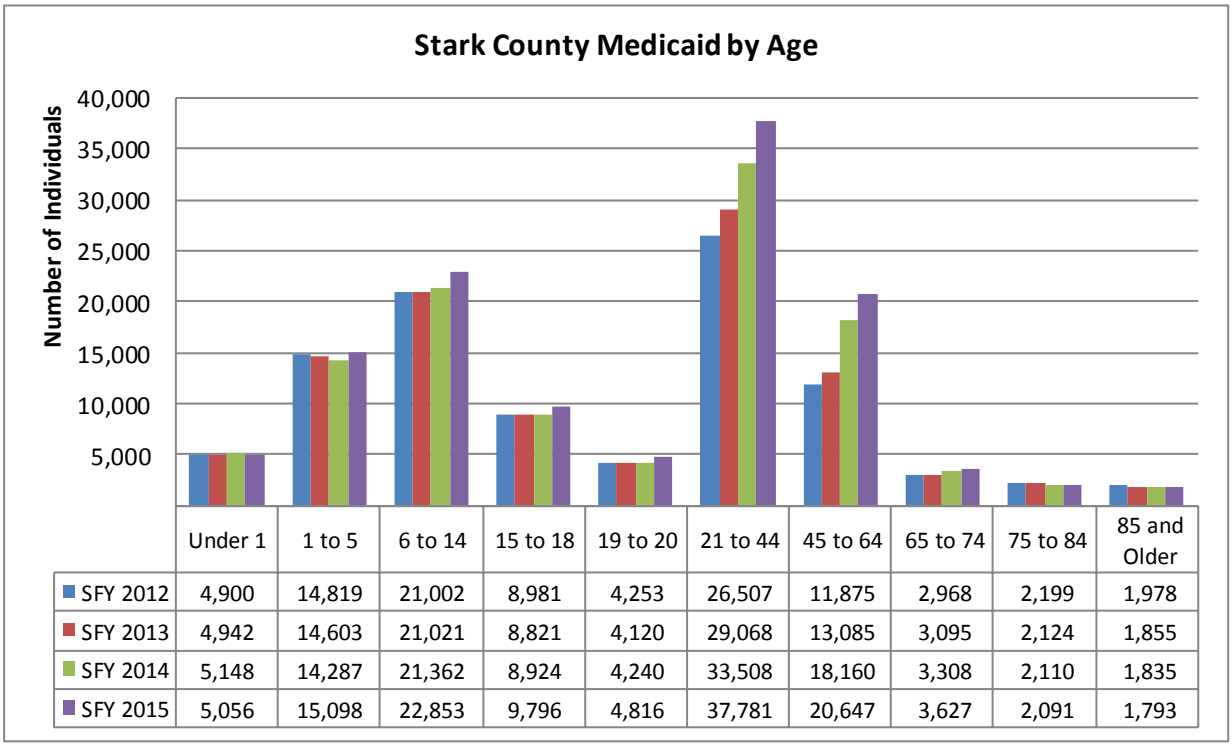
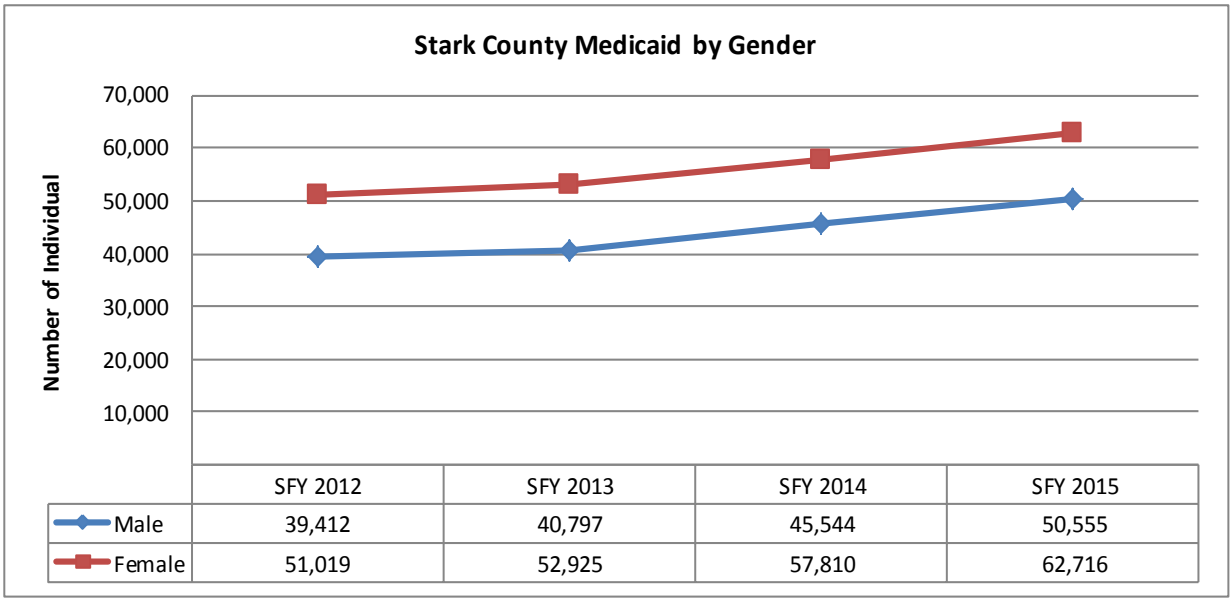
Access to HealthCare



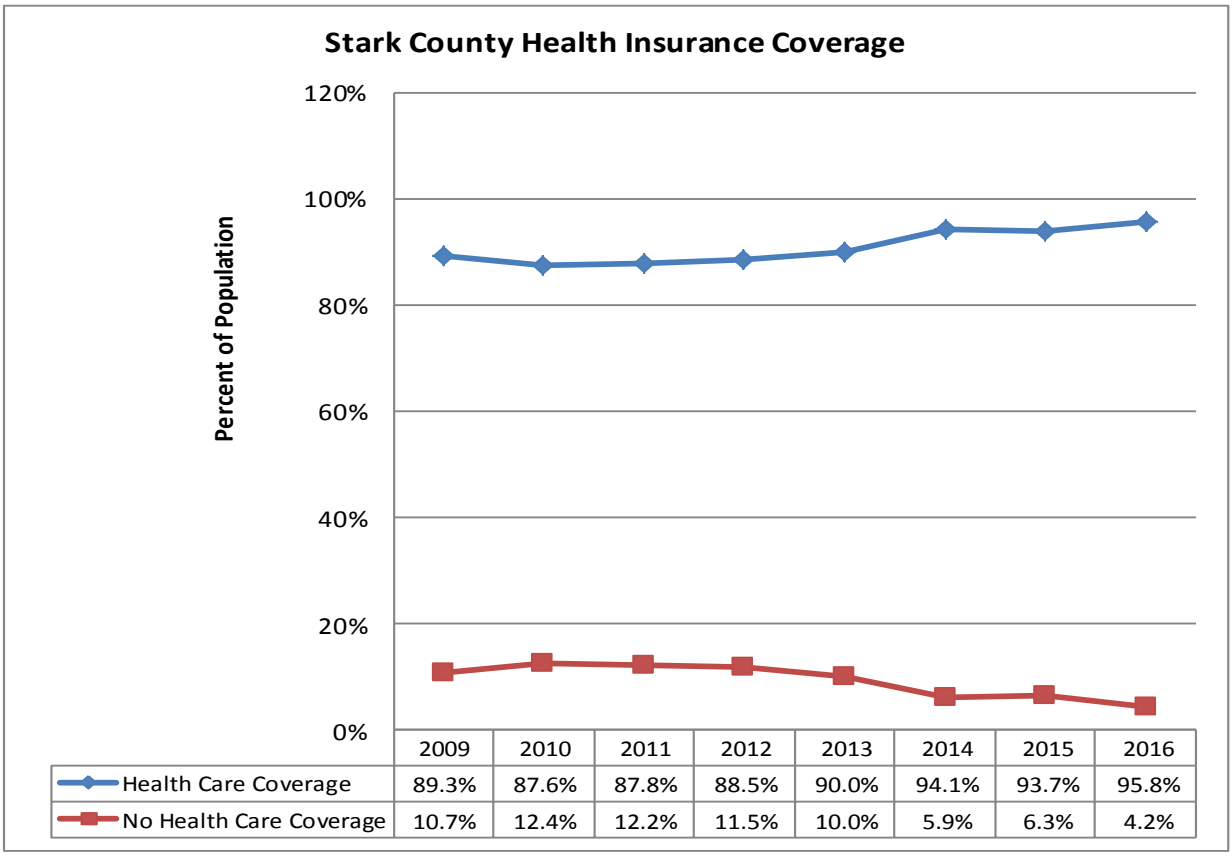
	Under 1	1 to 5	6 to 14	15 to 18	19 to 20	21 to 44	45 to 64	65 to 74	75 to 84	85 and Older
SFY 2012	4,900	14,819	21,002	8,981	4,253	26,507	11,875	2,968	2,199	1,978
SFY 2013	4,942	14,603	21,021	8,821	4,120	29,068	13,085	3,095	2,124	1,855
SFY 2014	5,148	14,287	21,362	8,924	4,240	33,508	18,160	3,308	2,110	1,835
SFY 2015	5,056	15,098	22,853	9,796	4,816	37,781	20,647	3,627	2,091	1,793



	SFY 2012	SFY 2013	SFY 2014	SFY 2015
Male	39,412	40,797	45,544	50,555
Female	51,019	52,925	57,810	62,716

Source:
Ohio Department of Medicaid - QDSS (Quality Decision Support System)
Definition:
State Fiscal Year (SFY) - The fiscal year for the State of Ohio is July 1st through June 30th.
Caveat:
The Age in Years is a calculated field determined by the Date of Birth and Eligibility Start Date for the record.

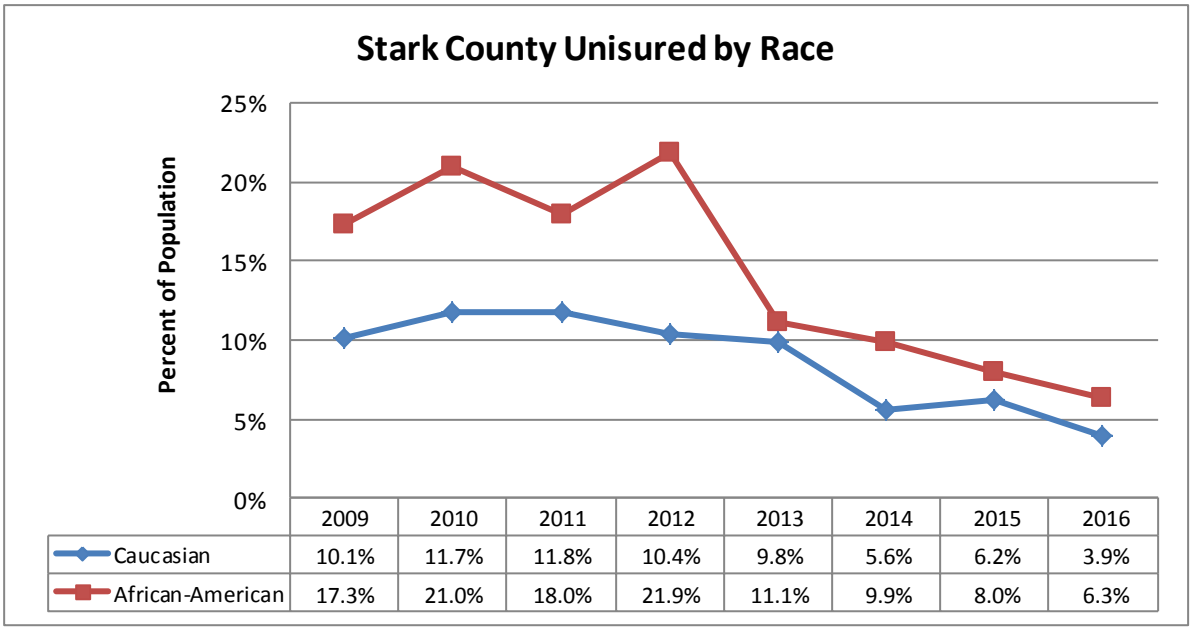
Access to HealthCare



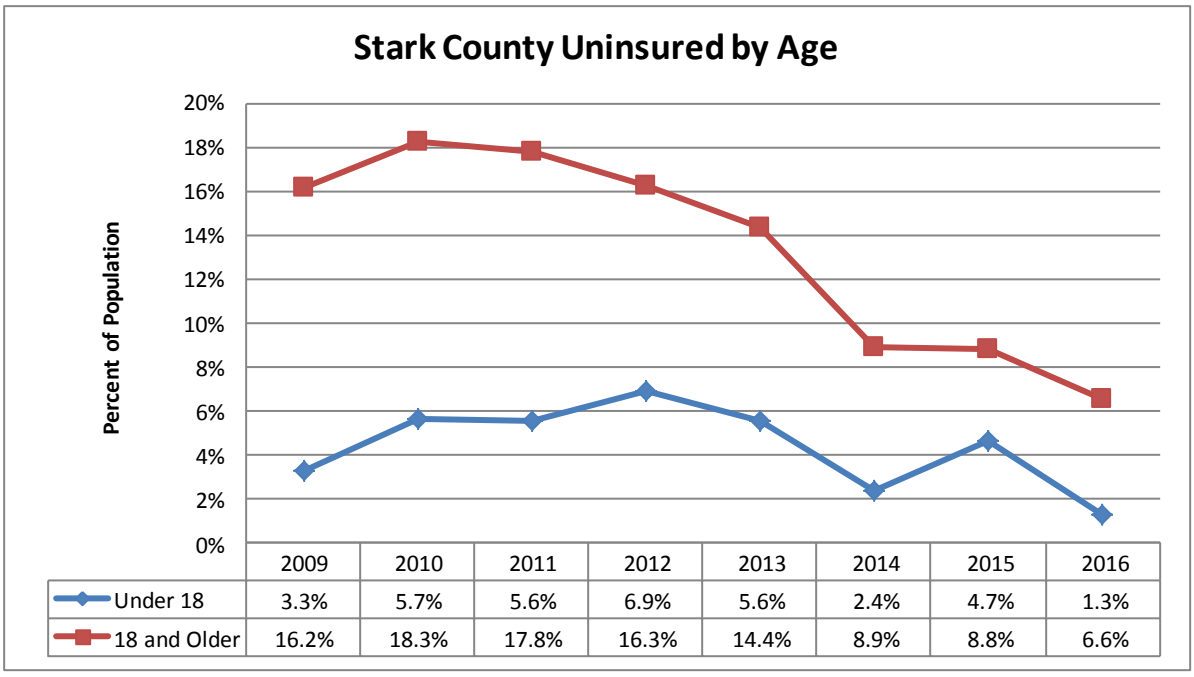
	2009	2010	2011	2012	2013	2014	2015	2016
Health Care Coverage	89.3%	87.6%	87.8%	88.5%	90.0%	94.1%	93.7%	95.8%
No Health Care Coverage	10.7%	12.4%	12.2%	11.5%	10.0%	5.9%	6.3%	4.2%

Source:
U.S. Census Bureau - American Community Survey
Caveat:
Data are based on a sample and are subject to sampling variability.
Note:
Although the ACS produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

Access to HealthCare



	2009	2010	2011	2012	2013	2014	2015	2016
Caucasian	10.1%	11.7%	11.8%	10.4%	9.8%	5.6%	6.2%	3.9%
African-American	17.3%	21.0%	18.0%	21.9%	11.1%	9.9%	8.0%	6.3%



	2009	2010	2011	2012	2013	2014	2015	2016
Under 18	3.3%	5.7%	5.6%	6.9%	5.6%	2.4%	4.7%	1.3%
18 and Older	16.2%	18.3%	17.8%	16.3%	14.4%	8.9%	8.8%	6.6%

Source:
U.S. Census Bureau—American Community Survey
Caveat:
Native Americans and Asian/Pacific Islanders are not reported due to small population size.
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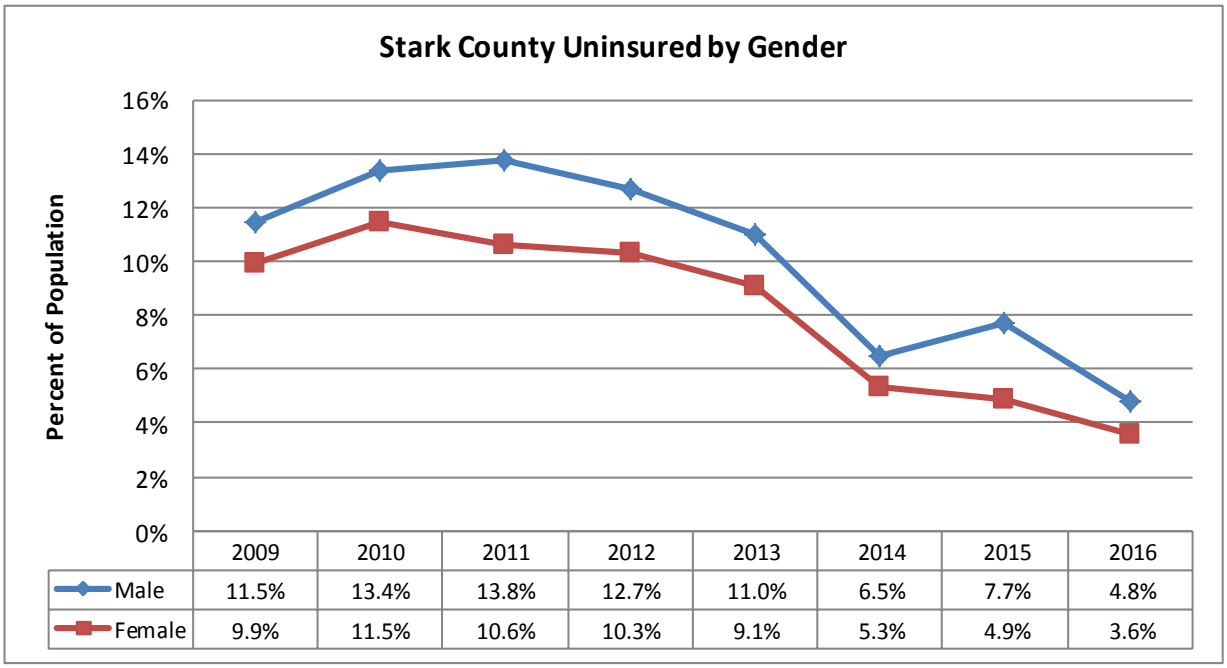
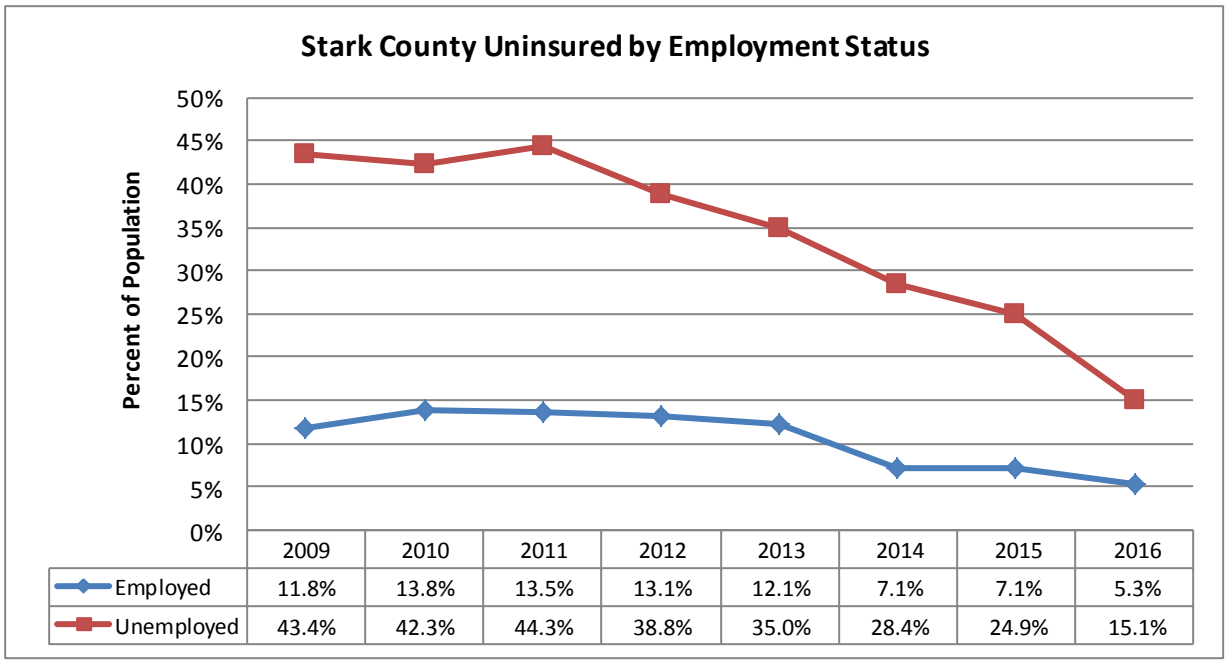
Access to HealthCare



	2009	2010	2011	2012	2013	2014	2015	2016
Male	11.5%	13.4%	13.8%	12.7%	11.0%	6.5%	7.7%	4.8%
Female	9.9%	11.5%	10.6%	10.3%	9.1%	5.3%	4.9%	3.6%



	2009	2010	2011	2012	2013	2014	2015	2016
Employed	11.8%	13.8%	13.5%	13.1%	12.1%	7.1%	7.1%	5.3%
Unemployed	43.4%	42.3%	44.3%	38.8%	35.0%	28.4%	24.9%	15.1%

Source:
U.S. Census Bureau—American Community Survey
Caveat:
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Note:
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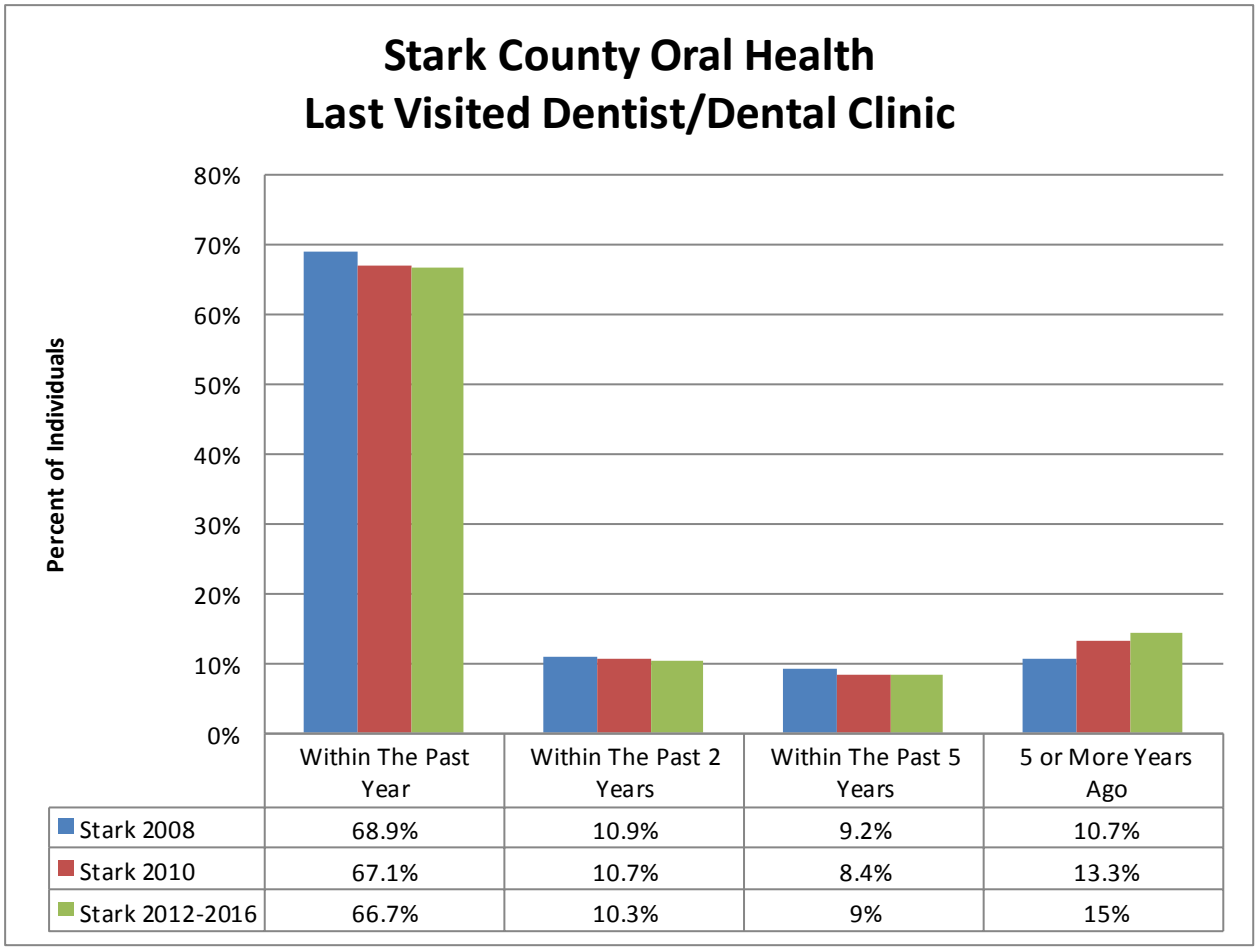
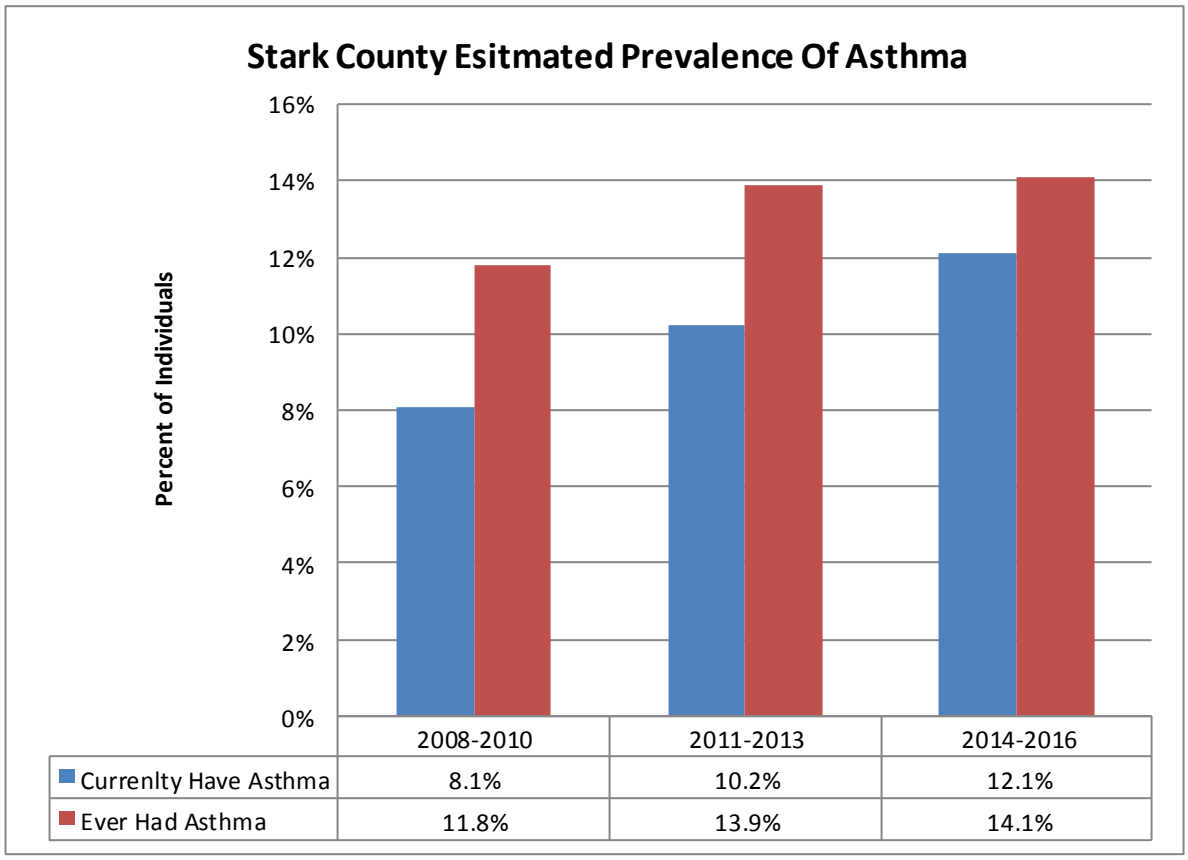
Access to HealthCare



	Within The Past Year	Within The Past 2 Years	Within The Past 5 Years	5 or More Years Ago
Stark 2008	68.9%	10.9%	9.2%	10.7%
Stark 2010	67.1%	10.7%	8.4%	13.3%
Stark 2012-2016	66.7%	10.3%	9%	15%

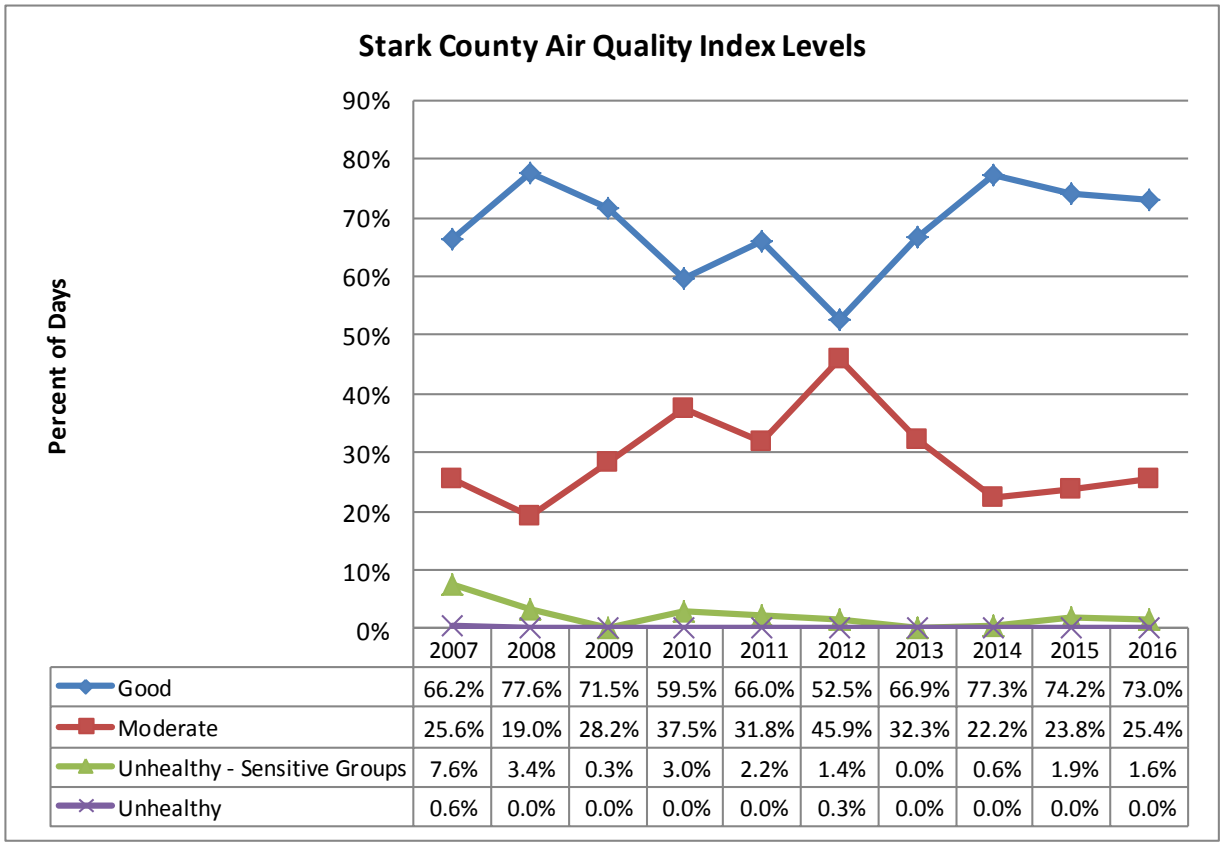
Source:
Ohio Behavioral Risk Factor Surveillance System, Chronic Disease and Behavioral Epidemiology, Center for Public Health Statistics and Informatics, ODH

Environmental Health

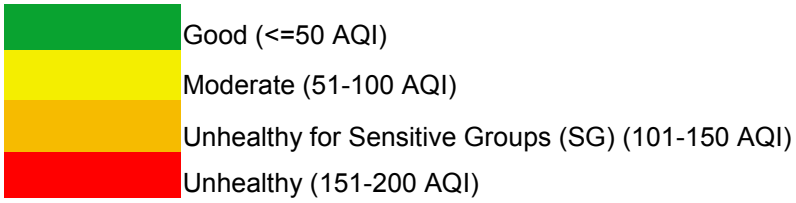


Source:
Ohio Behavioral Risk Factor Surveillance System, Ohio Department of Health
Caveat:
Estimates are based on statistical regression and not on actual counts.
Definition:
Ever Had Asthma - Individuals who have reported ever having been diagnosed with asthma.
Currently Have Asthma - Individuals who reported having asthma at the time of the survey.

Environmental Health



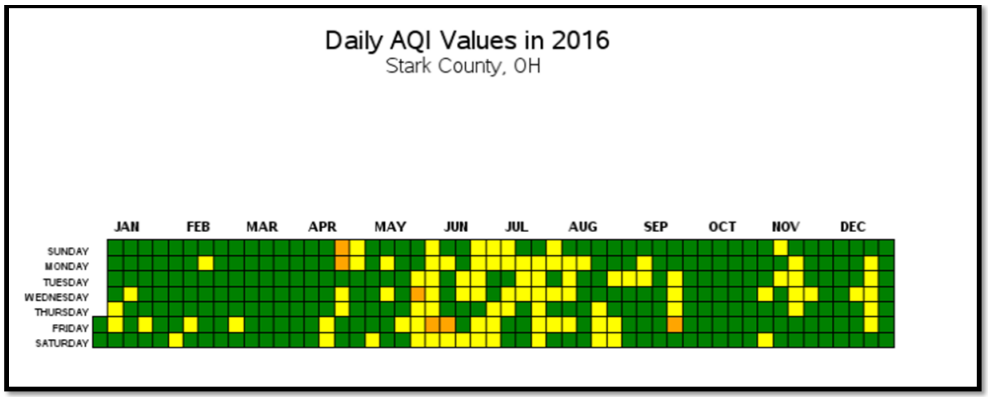
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Good	66.2%	77.6%	71.5%	59.5%	66.0%	52.5%	66.9%	77.3%	74.2%	73.0%
Moderate	25.6%	19.0%	28.2%	37.5%	31.8%	45.9%	32.3%	22.2%	23.8%	25.4%
Unhealthy - Sensitive Groups	7.6%	3.4%	0.3%	3.0%	2.2%	1.4%	0.0%	0.6%	1.9%	1.6%
Unhealthy	0.6%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%

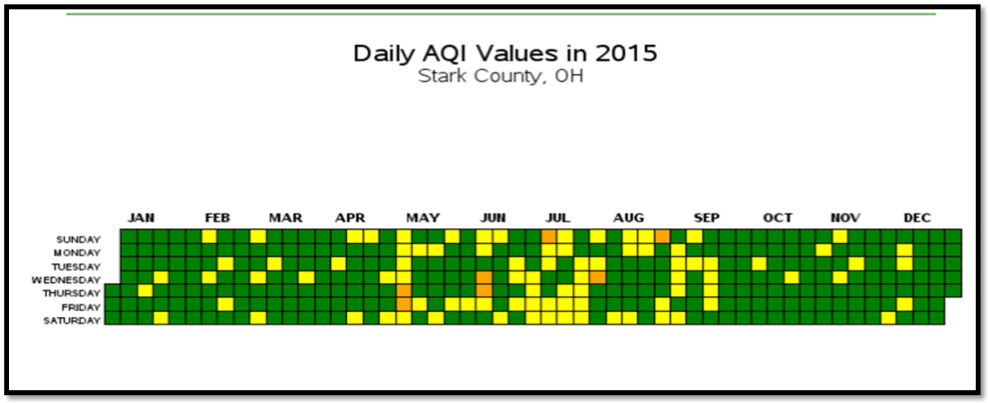


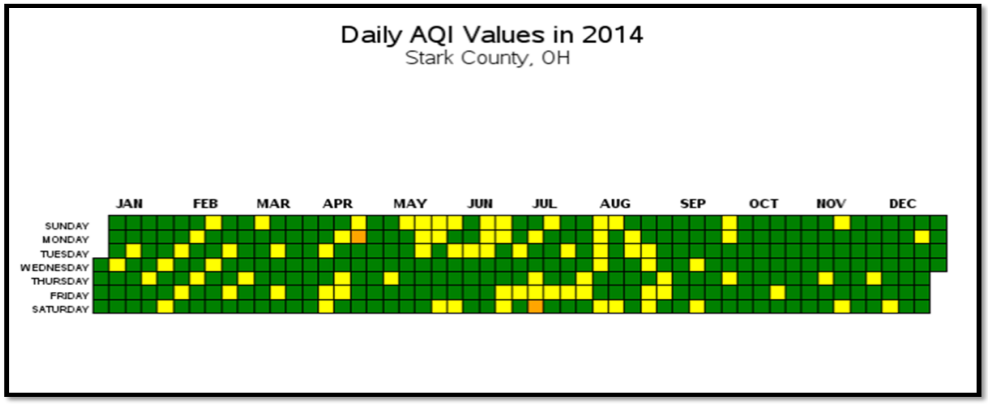
Source:
US EPA - Air Data Air Quality Index Report - https://www.epa.gov/outdoor-air-quality-data
Notes:
AirData reports are produced from an extract of EPA's air pollutions database. They represent the best information available to EPA from agencies on that date. However, some values may be absent due to incomplete reporting, and some values subsequently may be changed due to quality assurance activities. The AQS database is updated daily by organizations who own and submit the data.

Air Quality Index (AQI) is a standardized value for reporting daily air quality based on the measured pollutant concentration that produces the highest AQI value. Generally , an AQI value of 100 equals the national air quality standard for the pollutant, which is the level set by EPA to protect public health and is considered satisfactory. Values above 100 are considered unhealthy.

Environmental Health







Source:
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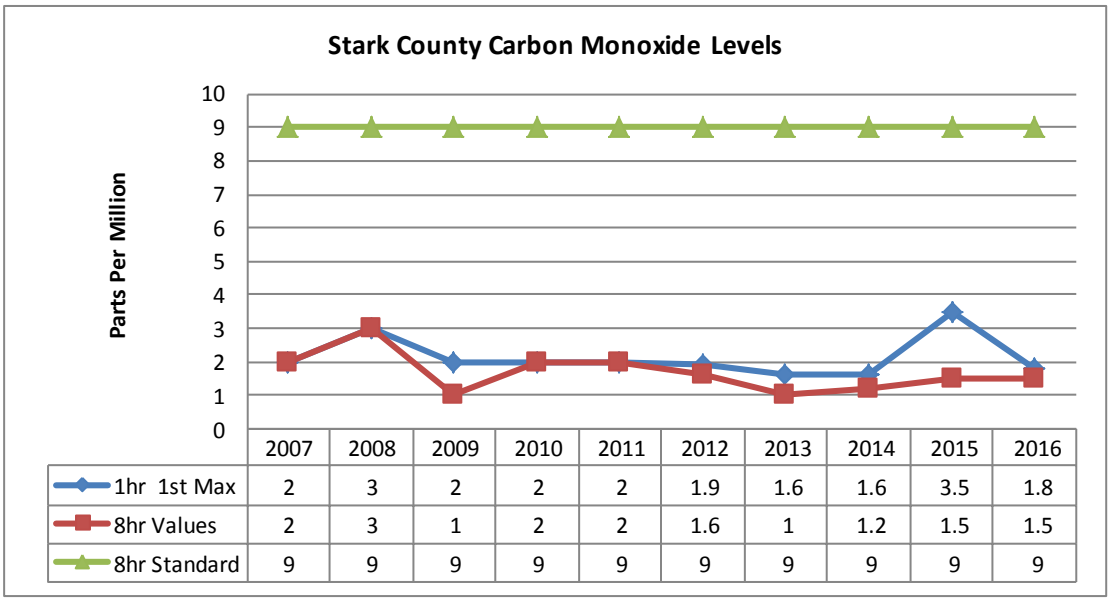
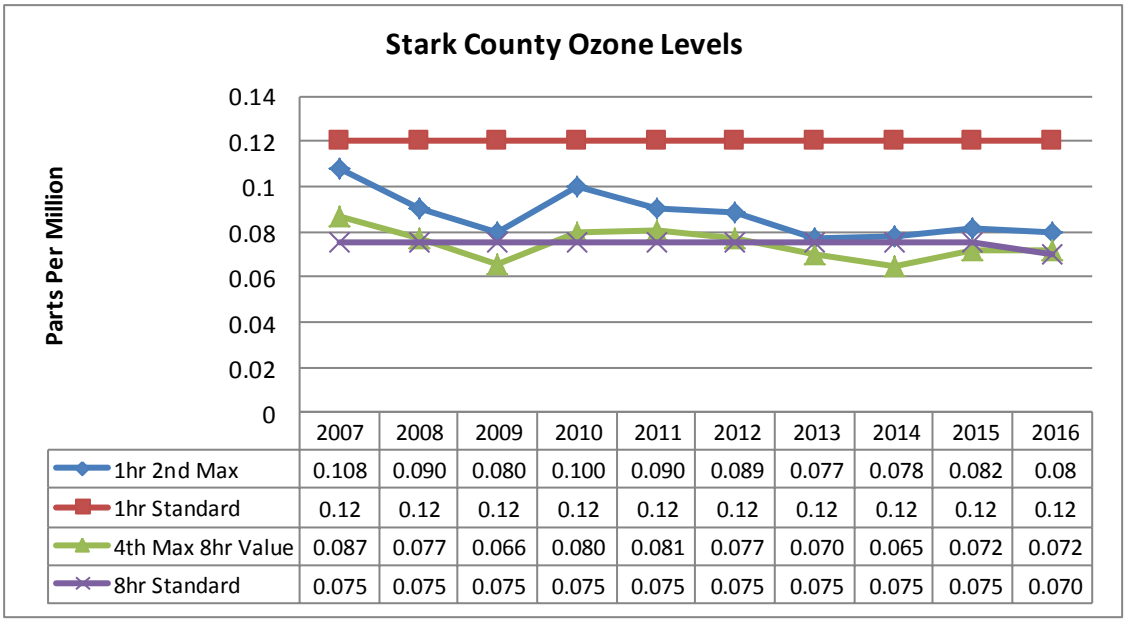
Environmental Health

	Carbon Monoxide		Ozone		Particle Matter 2.5	
Year	2nd Max 1-hr Value	2nd Max 8-hr Value	2nd Max 1-hr Value	4th Max 8-hr Value	98th Percentile Value	Annual Mean Value
2007	2.1	1.7	0.108	0.087	33.4	16.24
2008	2.9	2.5	0.090	0.077	38.5	13.12
2009	2.0	1.0	0.076	0.066	32.0	13.20
2010	2.0	2.0	0.095	0.080	42.0	15.00
2011	2.0	2.0	0.089	0.081	28.0	12.80
2012	1.8	1.6	0.089	0.077	27.0	12.30
2013	1.3	0.9	0.077	0.070	28.0	12.00
2014	1.5	1.1	0.078	0.065	25.0	11.60
2015	1.8	1.4	0.082	0.072	26.0	12.40
2016	1.8	1.4	0.080	0.072	20.0	9.50

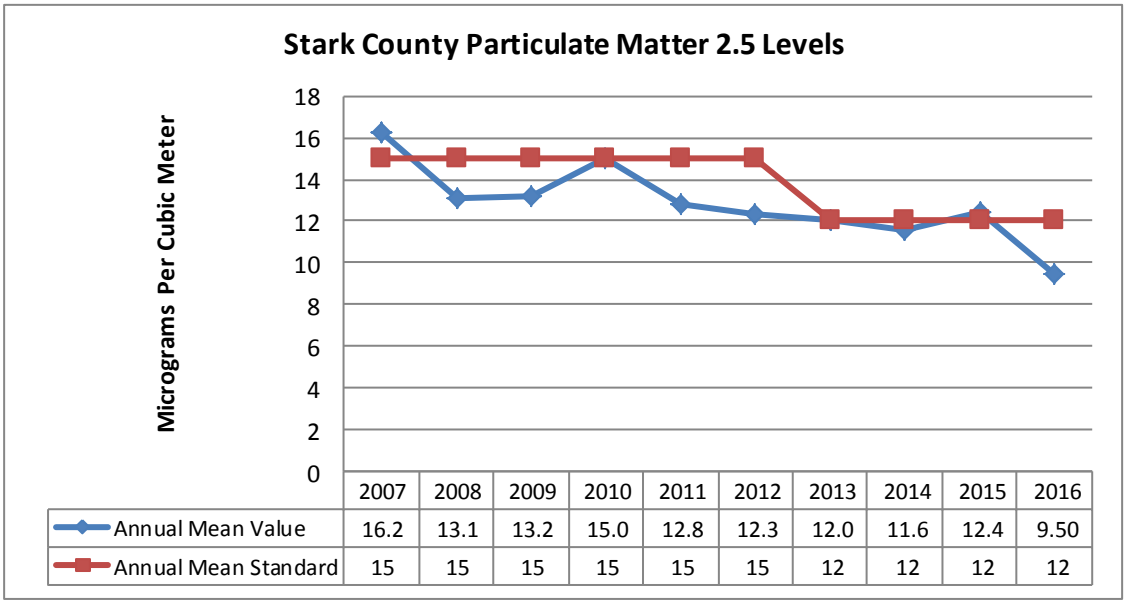


Source:
US EPA - Air Data County Air Quality Report - http://www.epa.gov/airdata/ad_rep_con.html
Notes:
EPA National Ambient Air Quality Standards:
Carbon Monoxide - 35 parts per million (1 hr average), 9 parts per million (8 hr average)
Ozone - 0.12 parts per million (1 hr average), 0.075 parts per million (8 hr average)
Particulate Matter (diameter <2.5 Micrometers) - 35 micrograms per cubic meter (24 hr average), 12.0 micrograms per cubic meter (annual mean)
The annual mean standard for PM 2.5 changed from 15.0 micrograms per cubic meter to 12.0 micrograms per cubic meter in 2012, with implementation in 2013 at the new, lower standard.
AirData reports are produced from an extract of EPA's air pollutions database. They represent the best information available to EPA from agencies on that date. However, some values may be absent due to incomplete reporting, and some values subsequently may be changed due to quality assurance activities. The database is updated daily by state and local organizations who own and submit the data.

Environmental Health



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1hr 2nd Max	0.108	0.090	0.080	0.100	0.090	0.089	0.077	0.078	0.082	0.08
1hr Standard	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
4th Max 8hr Value	0.087	0.077	0.066	0.080	0.081	0.077	0.070	0.065	0.072	0.072
8hr Standard	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.070



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Annual Mean Value	16.2	13.1	13.2	15.0	12.8	12.3	12.0	11.6	12.4	9.50
Annual Mean Standard	15	15	15	15	15	15	12	12	12	12

Source:
US EPA - Air Data Monitor Values Report - http://www.epa.gov/airdata/ad_rep_mon.html
Notes:
EPA National Ambient Air Quality Standards:
Ozone - 0.12 parts per million (1 hr average); 0.075 parts per million (8 hr average) 2006-2015. 0.070 parts per million (8 hr average) 2016 - current
Particulate Matter (diameter <2.5 Micrometers) - 35 micrograms per cubic meter (24 hr average), 12.0 micrograms per cubic meter (annual mean)
The annual mean standard for PM 2.5 changed from 15.0 micrograms per cubic meter to 12.0 micrograms per cubic meter in 2012, with implementation in 2013 at the new, lower standard.
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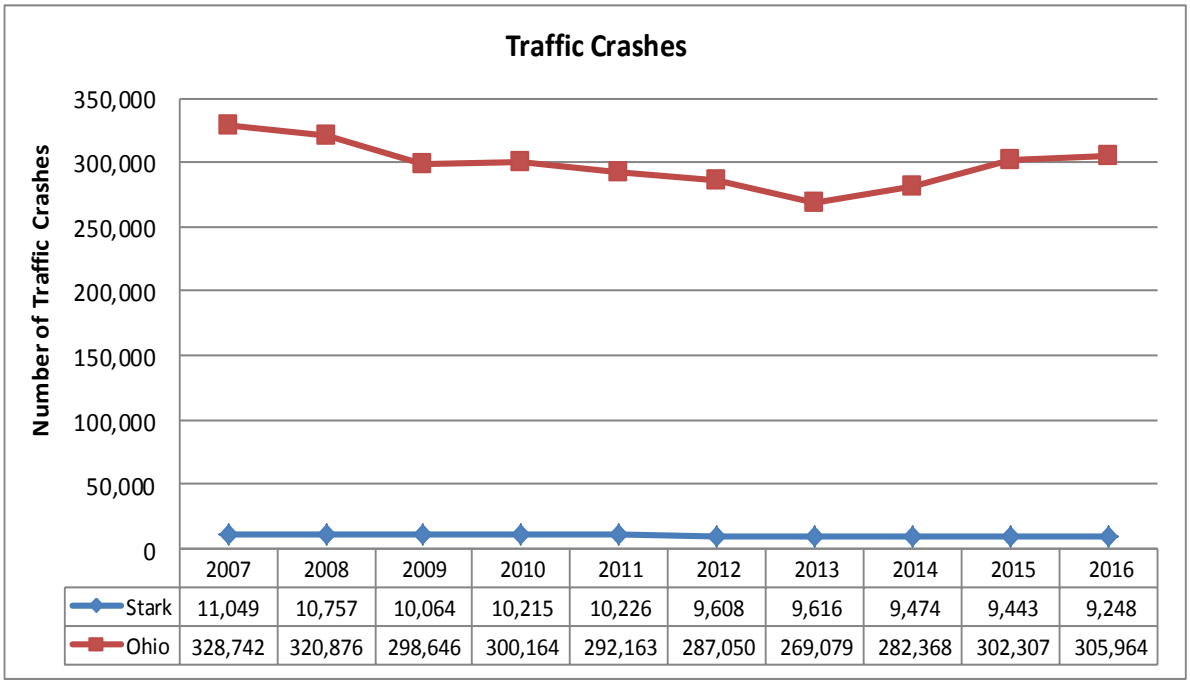
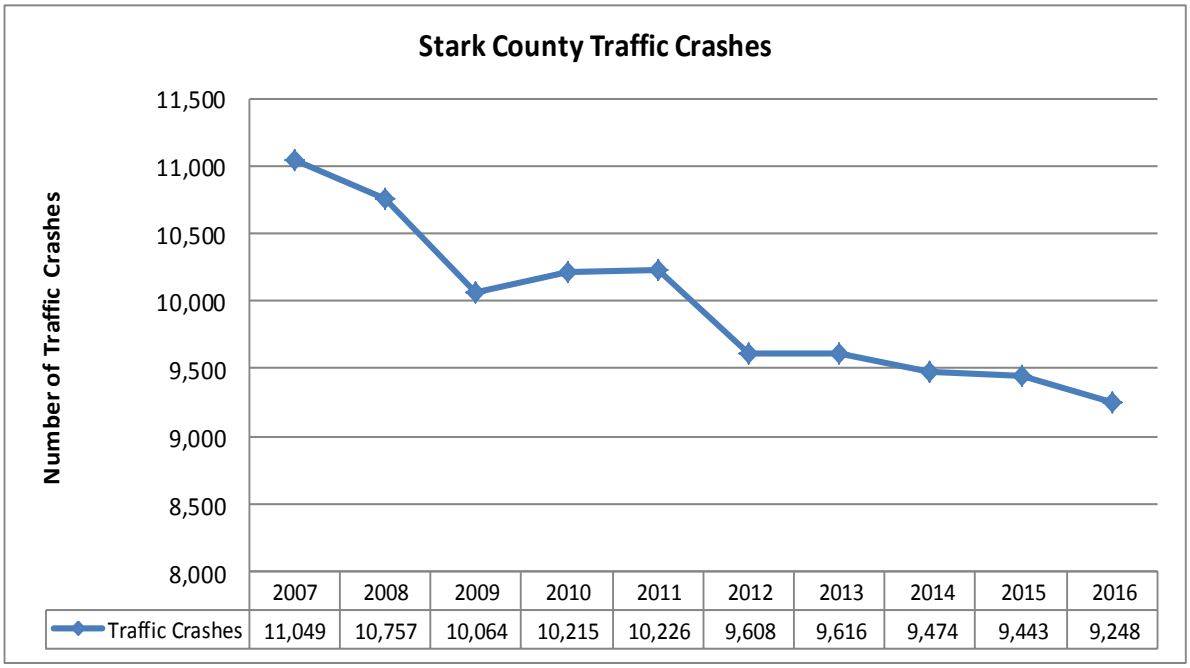
Public Safety



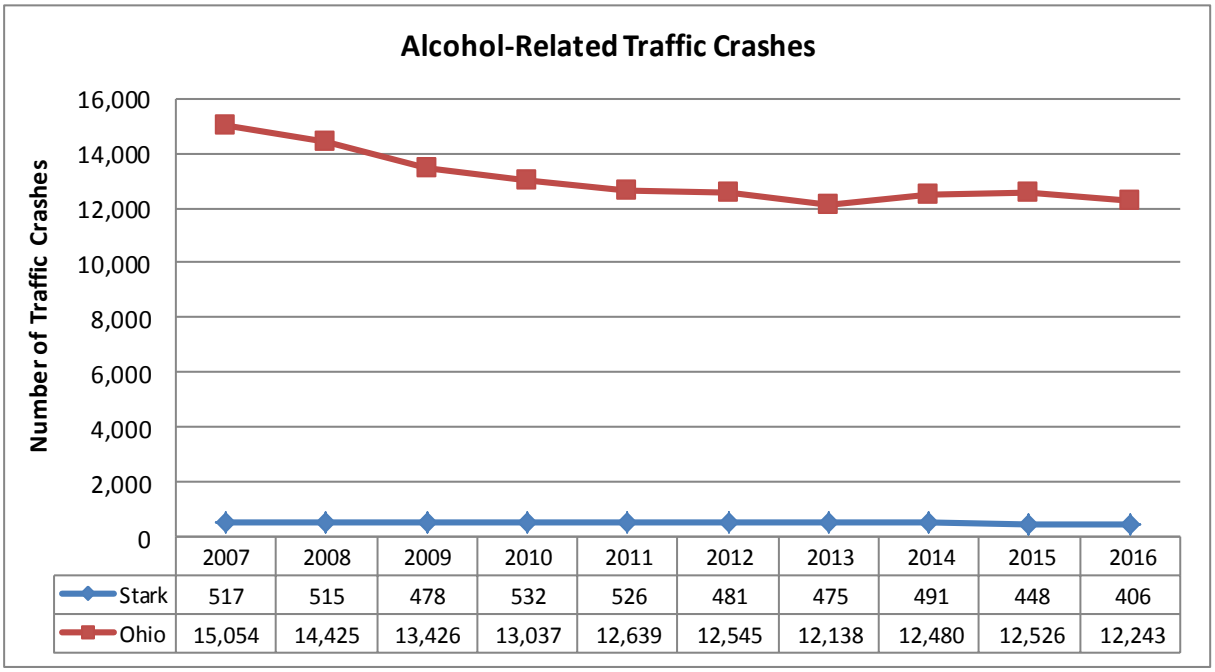
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Stark	11,049	10,757	10,064	10,215	10,226	9,608	9,616	9,474	9,443	9,248
Ohio	328,742	320,876	298,646	300,164	292,163	287,050	269,079	282,368	302,307	305,964



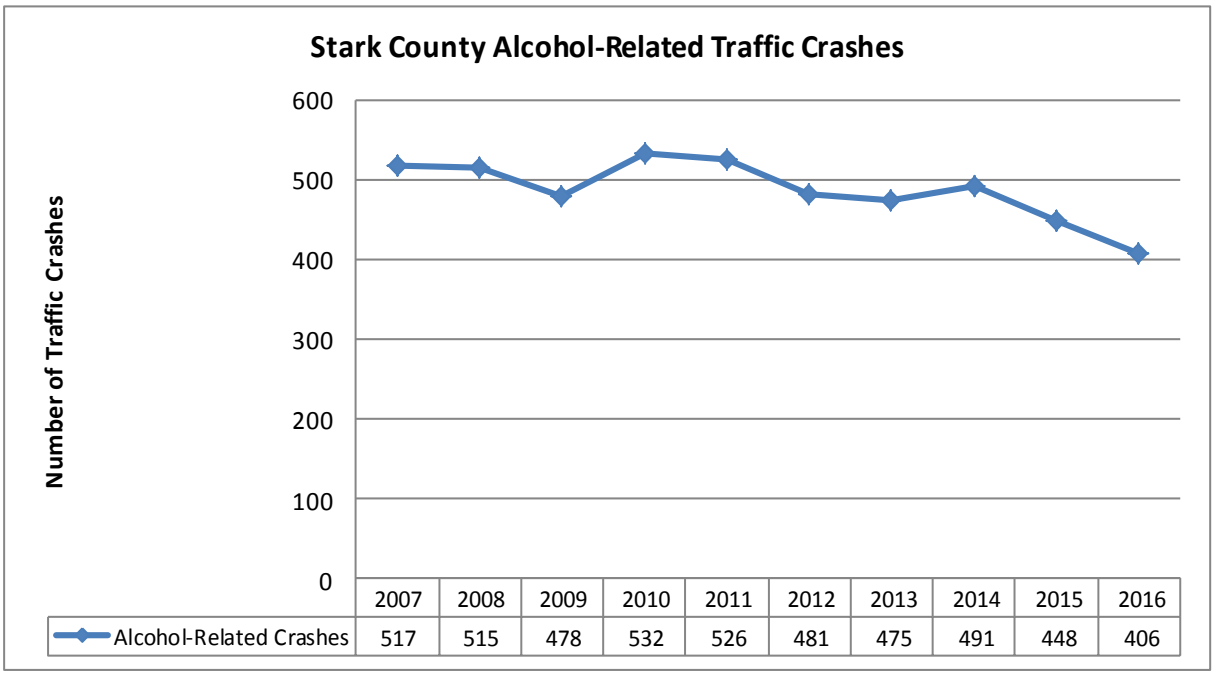
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Traffic Crashes	11,049	10,757	10,064	10,215	10,226	9,608	9,616	9,474	9,443	9,248

Source:
Ohio Department of Public Safety - Traffic Crash Facts Report

Public Safety



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Stark	517	515	478	532	526	481	475	491	448	406
Ohio	15,054	14,425	13,426	13,037	12,639	12,545	12,138	12,480	12,526	12,243



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Alcohol-Related Crashes	517	515	478	532	526	481	475	491	448	406

Source:
Ohio Department of Public Safety - Traffic Crash Facts Report