

# Jefferson County, Indiana Profile

## KDH Community Needs Assessment 2013

# Jefferson County Summary

- Jefferson County is experiencing a slow growth in total population, currently at 32,554. By 2020, the population is expected to be about 38,811. It has a median age of 37.1, nearly identical to the state average of 37.0. The unemployment rate of 8.4% is slightly above the Indiana rate of 8.2%.
- The population is fairly homogeneous with a largely Caucasian population, 96%
- The median average household income, of \$40,386, is lower than that for Indiana and the nation. In Jefferson County, about 14.3% of the individuals, or about 4,326, live below the poverty level, below the 15.8% poverty rate of individuals in Indiana and the 15.9% rate for the entire U.S.
- 35% of all families in Jefferson County are single parent families with 28.3% of these families in poverty. In Indiana, 32.9% of all families are single parent families with 27.4% of these families in poverty.
- Jefferson County ranks first in Indiana in terms of the number of acres devoted to tobacco with tobacco crop sales of \$1.6 million in 2007. 28% of adults in Jefferson County use tobacco compared to 24% of adults living in the state of Indiana.
- According to the Indiana State Department of Health 2012 report, Jefferson County was not listed as a county that had a shortage of healthcare professionals or of mental health professionals. However, the 2012 report lists Milton, Shelby and Smyrna townships as medically underserved.
- The rate of all cancer incidence is higher in Jefferson County, at 502 for 100,000 population, than for Indiana, at 476 for 100,000 population. The rate of lung cancer is higher in Jefferson, at 96 per 100,000 population than for Indiana at 80 per 100,000. The rate of prostate cancer is higher in Jefferson, at 152 per 100,000 population than for Indiana at 136 per 100,000. The rate of breast cancer in Jefferson is slightly lower, at 115 per 100,000 population than for Indiana at 116 per 100,000 population. The rate of colorectal cancer is lower in Jefferson, at 48 per 100,000, than the rate for Indiana, at 51 per 100,000.
- The rate of adult asthma in Jefferson County, at 7.3%, is slightly higher than the rate for Indiana, at 7.2%, as is the rate of chronic bronchitis (3.4% for Jefferson; 3.3% for Indiana) and for emphysema (1.6% for Jefferson; 1.4% for Indiana.)

# Jefferson County Summary continued

- The percent of mothers who smoked during pregnancy in Jefferson County is 25.8% significantly higher than the state of Indiana average of 17.1%. In 2010, the percent of low-weight births for Jefferson County was 9.6%, above the 8.0% for Indiana.
- The number of teen pregnancies among women 15 to 19 years old has slightly decreased in Jefferson County from 2007 to the most recent measurement in 2010. In Jefferson County, there were 46 teen pregnancies in 2007 and 44 teen pregnancies in 2010. In Indiana, a significant decrease took place - there were 11,683 teen pregnancies in 2007 and 8,654 in 2010.
- Jefferson County reported 97 newly diagnosed cases of Chlamydia in 2011, an increase from the 82 reported in 2009. There were 12 cases of gonorrhea in 2011 and increase from the less than five reported in Jefferson County in 2009.
- The most recent information from the Indiana Family and Social Service Administration in 2008 shows 1,324 adults in Jefferson County with serious mental illness and 247 seriously emotionally disturbed children.
- The rate of deaths related to major cardio vascular diseases in Jefferson County increased from 2008 - 249.8 per 100,000 population to 2010 - 372.1 per 100,000 population. The opposite trend occurred in Indiana with 214.3 per 100,000 deaths recorded in 2008 falling to 206.5 per 100,000 in 2010.
- The stroke death rate in Jefferson, at 79.4 per 100,000 population in 2010, was significantly higher than the 47.5 per 100,000 population for Indiana and the 41.9 per 100,000 for the nation.
- The incidence of cancer rate (all sites) was higher in Jefferson County - 502 per 100,000 population compared to Indiana's rate of 476 per 100,000.

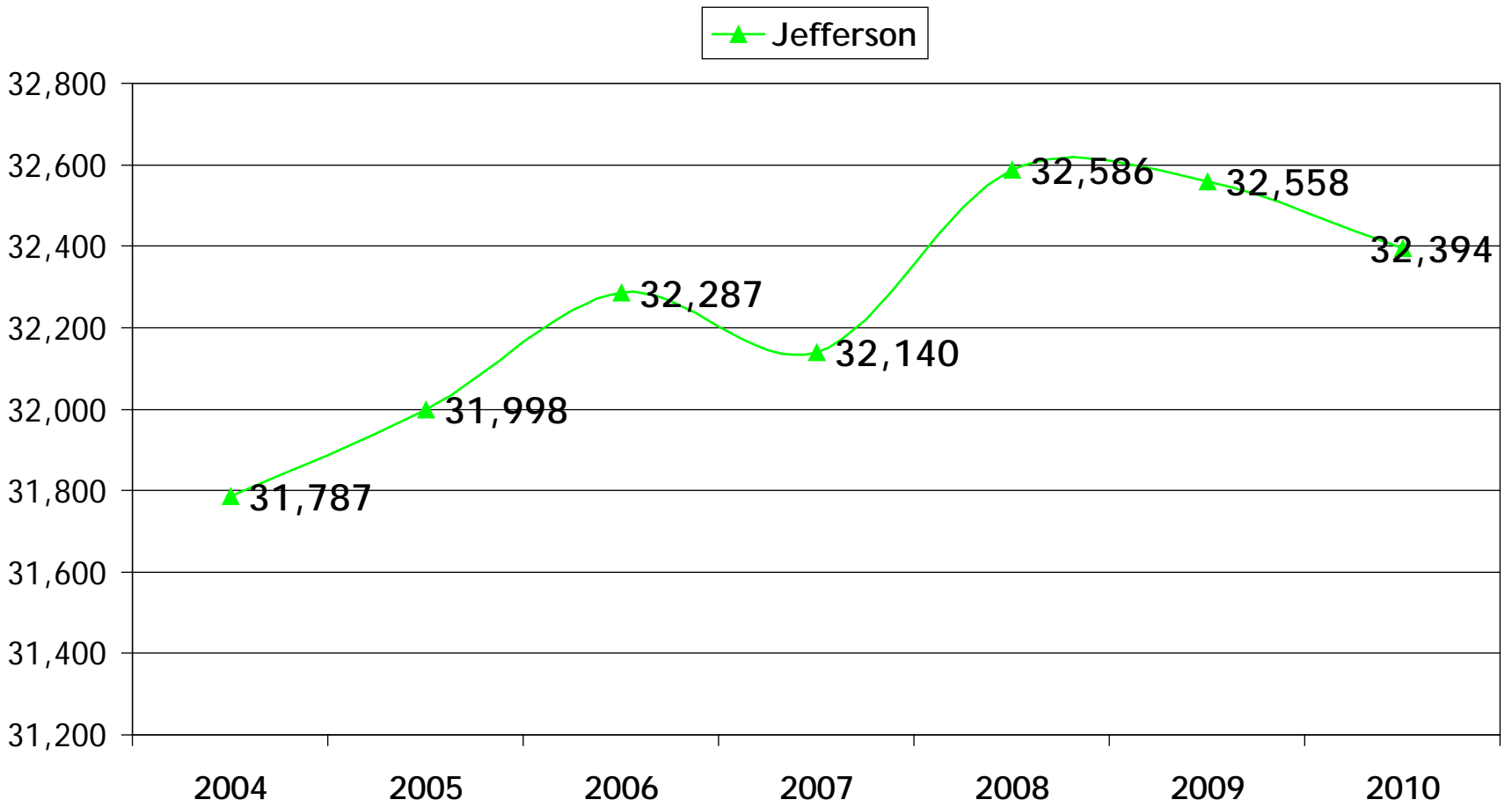
# Total Population and Geographic Data

2012 Estimation

Total Population and Geographic Data			
	Jefferson	Indiana	Nation
Total Population	32,554	6,537,334	313,914,040
Persons per sq. mi.	90.3	182.5	88.8
Total Housing Units	14,324	2,800,614	132,312,404
Land Area (sq. miles)	360.63	35,826.11	3,531,905.43
Water Area (sq. miles)	2	594	264,129

# Historical Population

Estimated on July 1<sup>st</sup> each year



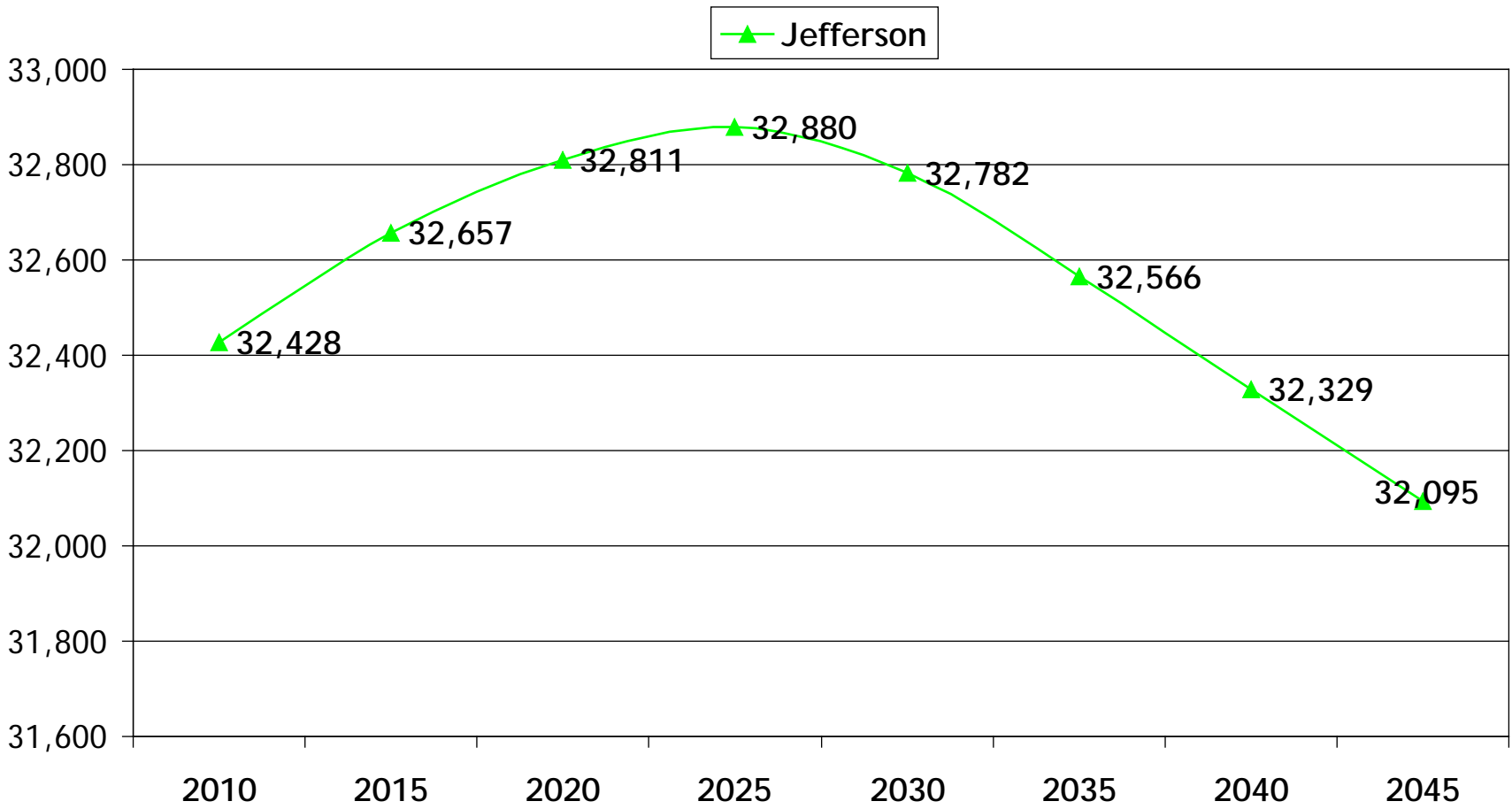
# Population Change

2010 to 2011

Location	Total Population Change	Natural Increase		
		Births	Deaths	Natural Increase
Indiana	33,122 or 0.5%	84,700	56,467	28,233
Jefferson	-179 or (0.6)%	391	339	52

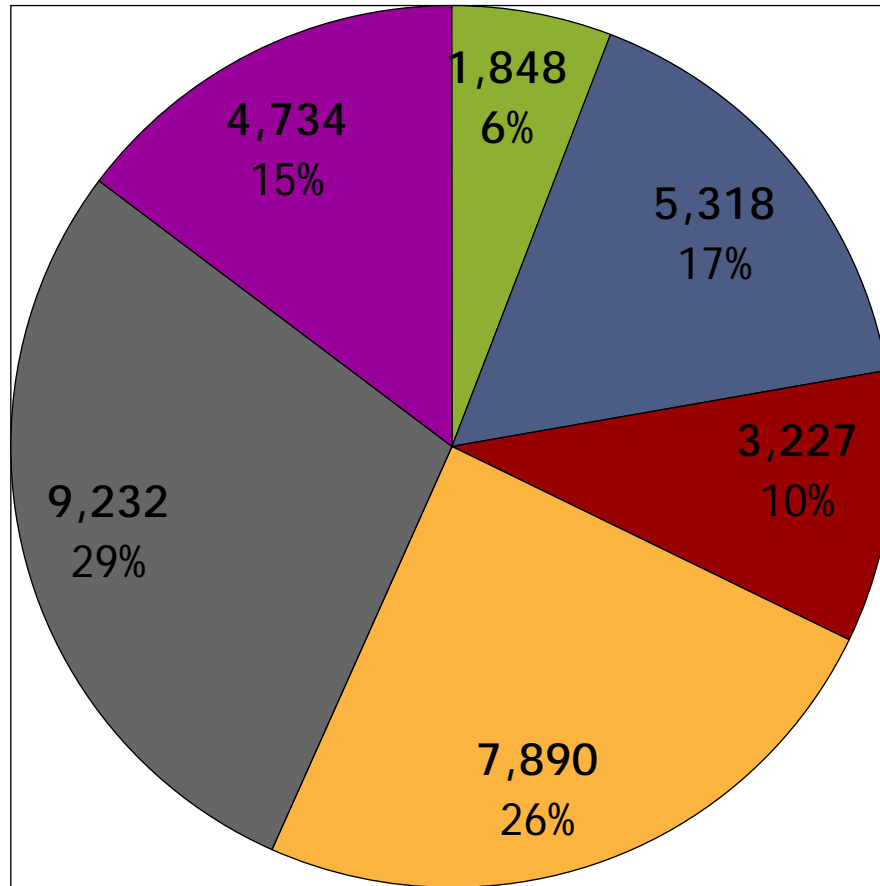
Location	Net Migration		
	Total	Net International	Net Domestic
Indiana	-1,884	7,175	-9,059
Jefferson	-165	12	-177

# Population Projection



# Population Estimates in Age in 2011

0-4 years 5-17 years 18-24 years 25-44 years 45-64 years 65+ years



Median Age:  
37.1 years



# Race / Ethnicity

2012 Estimation

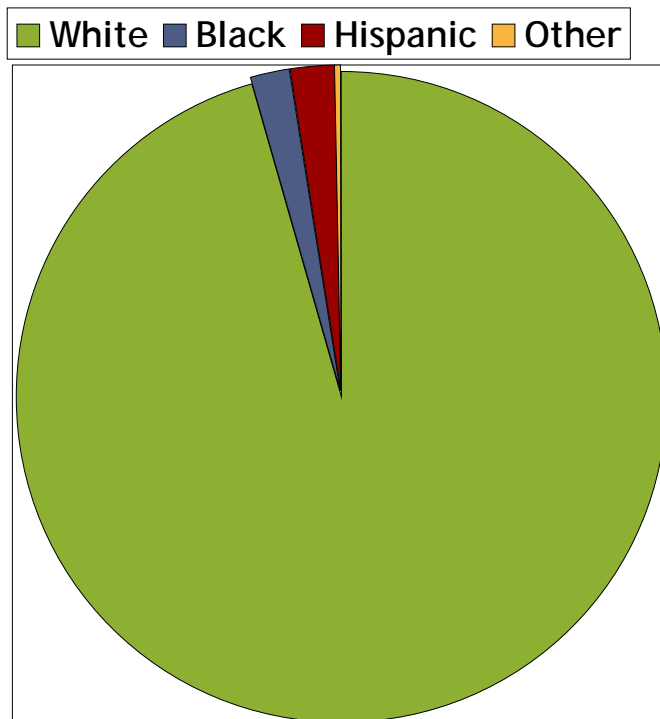
Race / Ethnicity (2012)			
	Jefferson	Indiana	Nation
White	95.8%	86.6%	77.9%
Black	2.0%	9.4%	13.1%
Asian	0.7%	1.8%	5.1%
Two or More Races	1.2%	1.8%	2.4%
Hispanic or Latino	2.4%	6.3%	16.9%

# Largest Cities and Towns in Jefferson County

Name	Population in 2012	Percent of County
Brooksburg	81	0.2%
Dupont	339	1.0%
Hanover	3,554	10.9%
Madison	12,083	37.1%

# Race

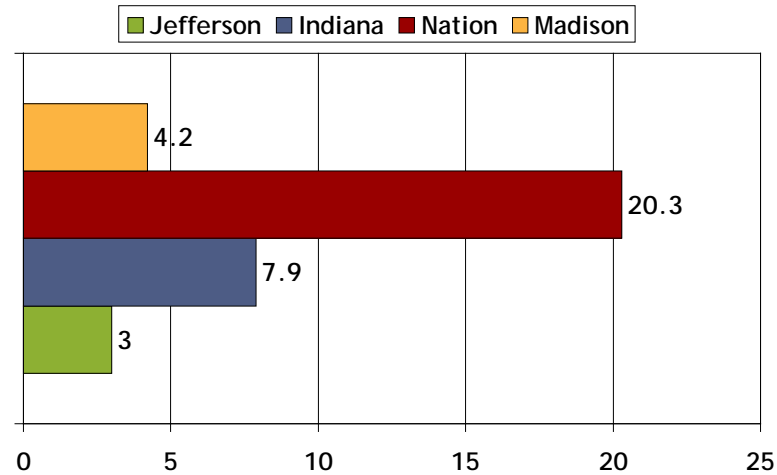
## Persons Reporting One Race Only



	Total	% of Total
Total	32,249	100 %
White	30,926	95.8%
Black	611	1.8%
Hispanic	752	2.3%
Other	32	0.1%

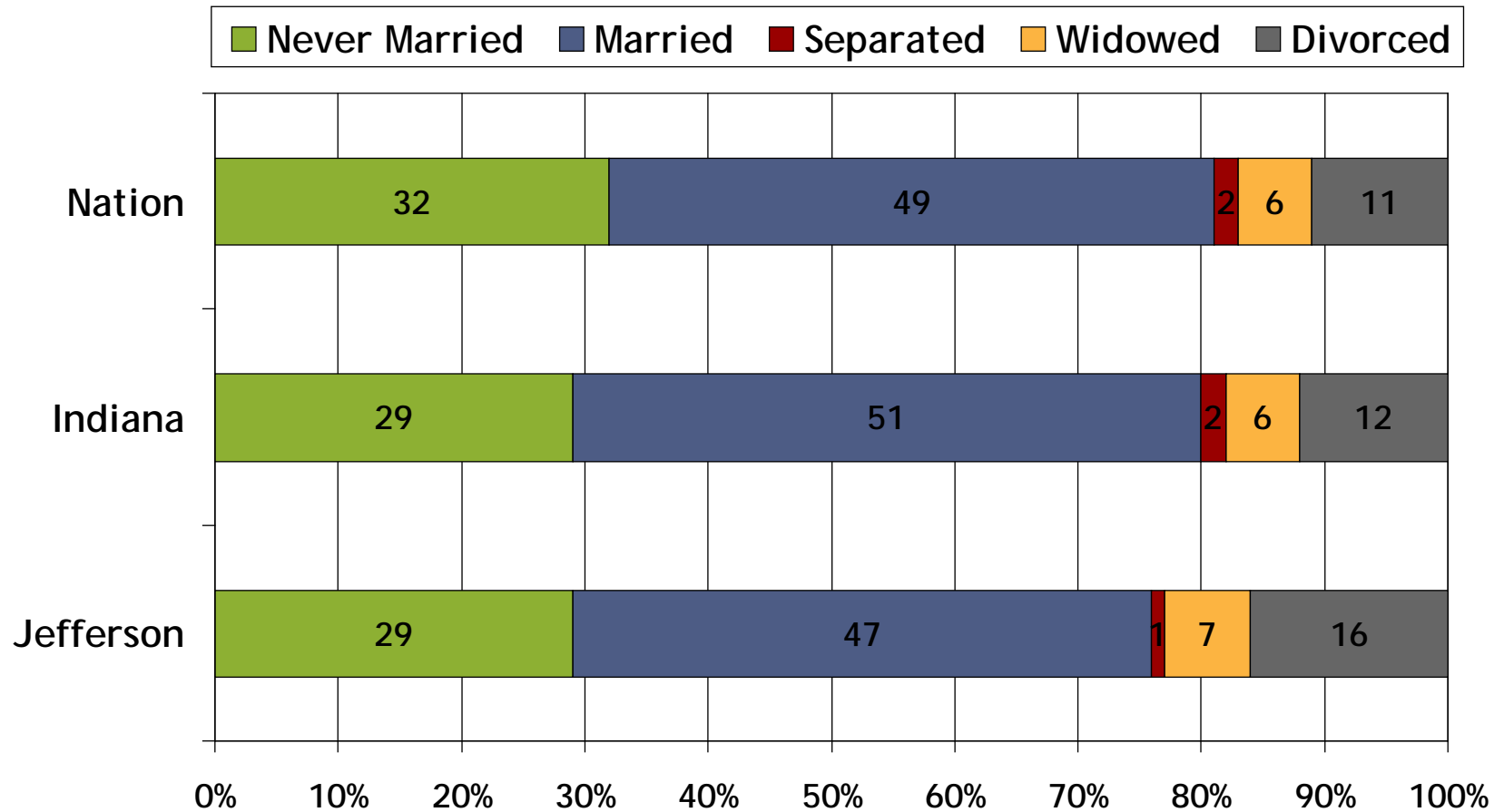
Other includes Asian, American Indian, Alaska Native, Native Hawaiian, and other Pacific Islander, in addition to other races.

# Language other than English is Spoken in the Household



Total	
Nation	63,253,159
Indiana	514,836
Jefferson	967
City of Madison	499

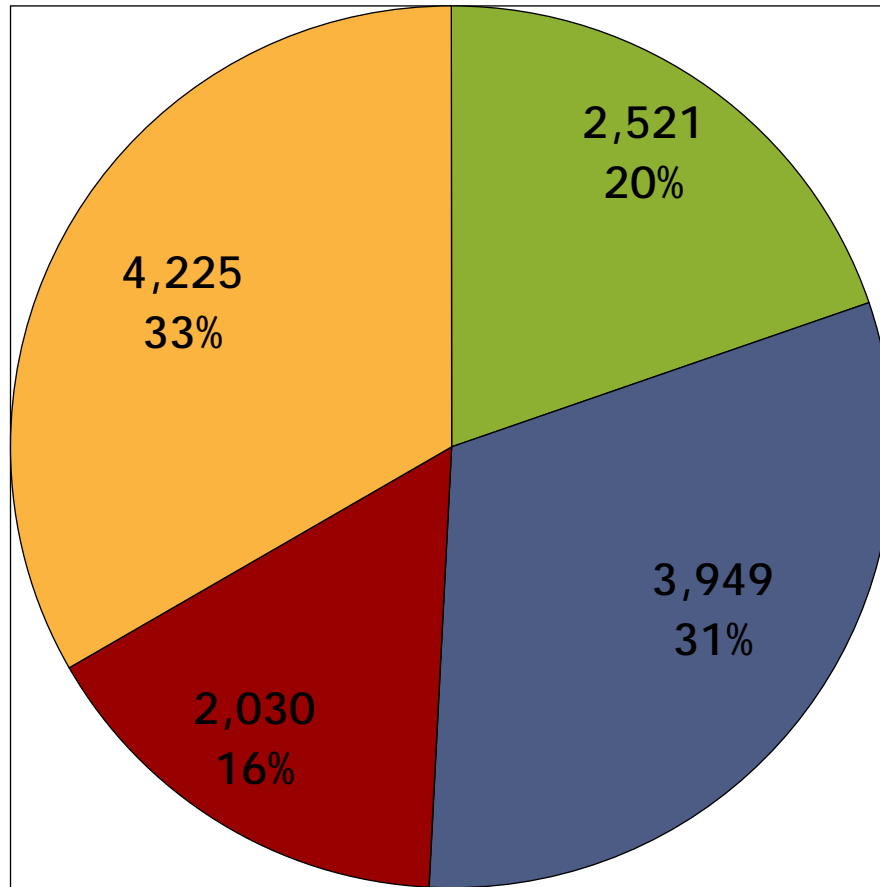
# Marital Statistics



# Household Types

Households in 2011

■ Married with Children ■ Married ■ Single Parents ■ Living Alone



# Single Parent Families

Location	Percentage of Families with a Single Parent	Percentage of Single Fathers in Poverty	Percentage of Single Mothers in Poverty	Percentage of Single Parent Families in Poverty
Nation	32.8	20.7	33.6	30.6
Indiana	32.9	19	30.2	27.4
Jefferson	35.0	20.6	30.7	28.3

# Public School Students Receiving Free or Reduced Price Lunches

*As percentage determined by Student's Household Size and Income*

Location	School Lunch	2009	2010	2011	2012
<b>Indiana</b>	Free	33.1%	36.6%	39.0%	40.0%
	Reduced Price	8.6%	8.7%	7.7%	8.2%
<b>Jefferson</b>	Free	37.4%	41.7%	41.5%	42.5%
	Reduced Price	11.4%	10.0%	8.4%	9.6%



# Child Food Insecurity

*USDA's measure of lack of access, at times, to enough food for an active, healthy lifestyle for all household members and limited or uncertain availability of nutritionally adequate foods.*

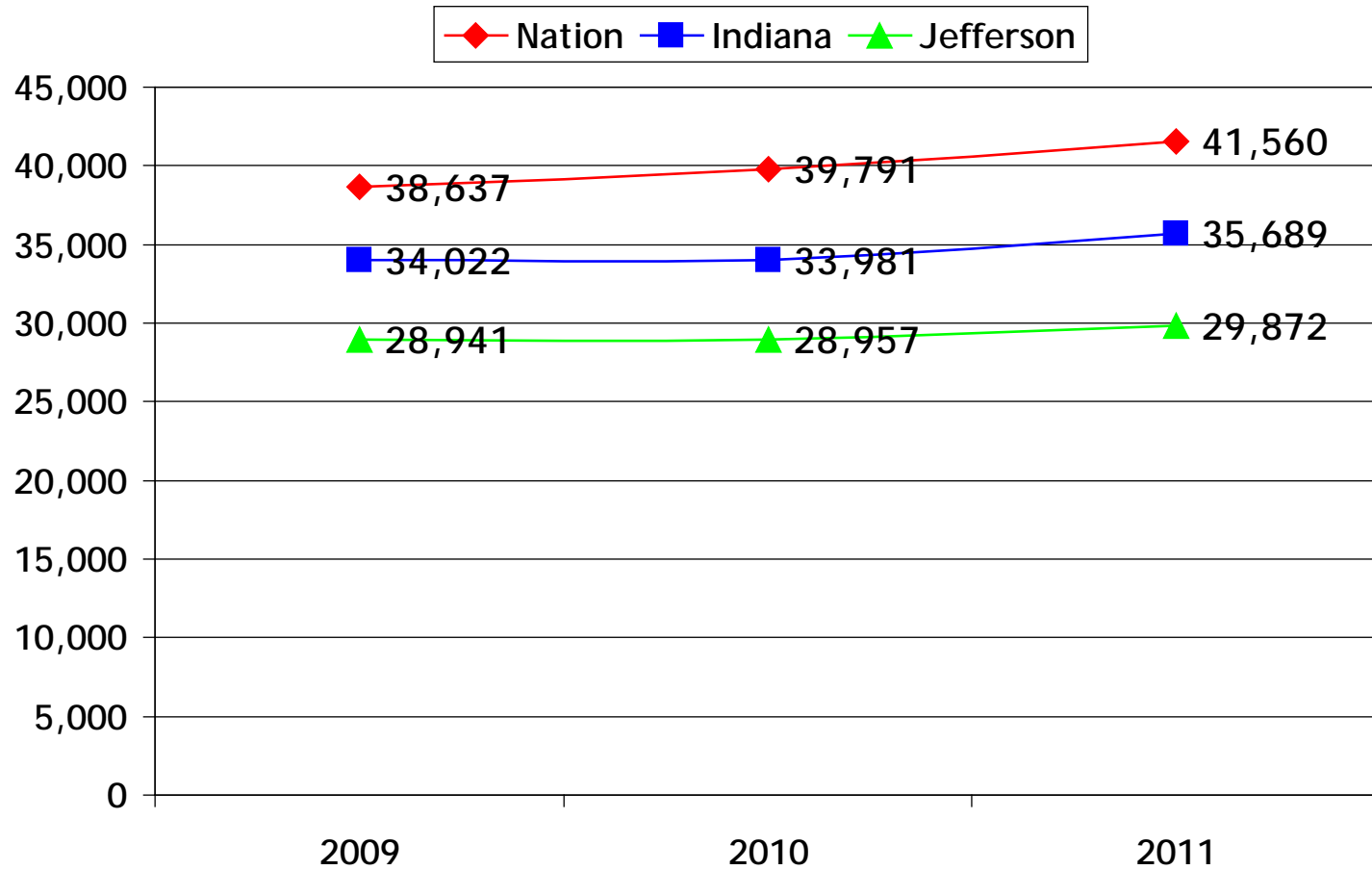
Location	2009	2010
Nation	22%	22%
Indiana	24.5%	22.7%
Jefferson	26.3%	24.3%

# Public Assistance

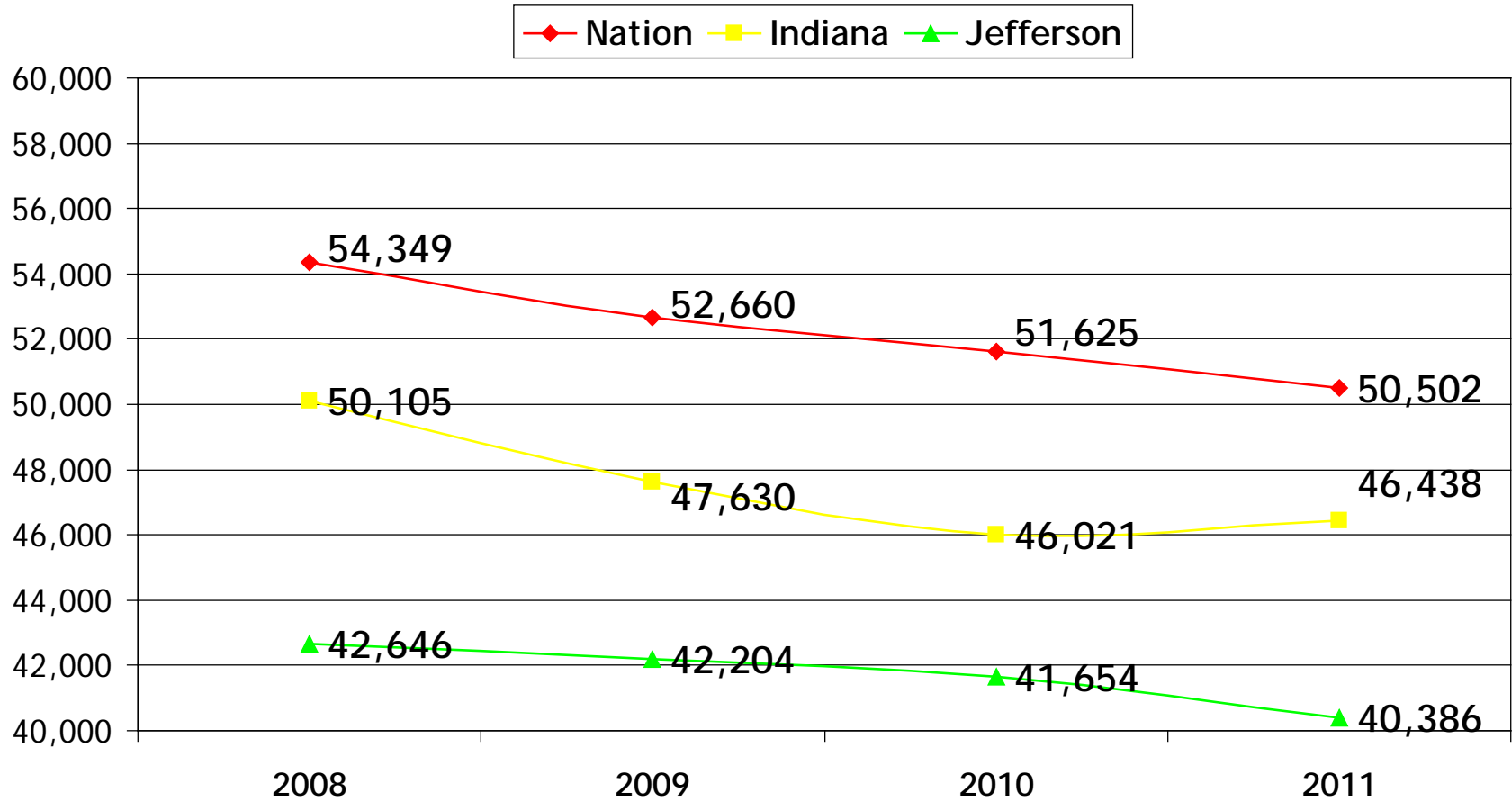
Monthly Average Number of Persons Issued Food Stamps (SNAP)

Location	2009	2010	2011	2012
Indiana	684,280	787,183	867,101	901,880
Jefferson	3,618	3,952	4,296	4,501

# Per Capita Income

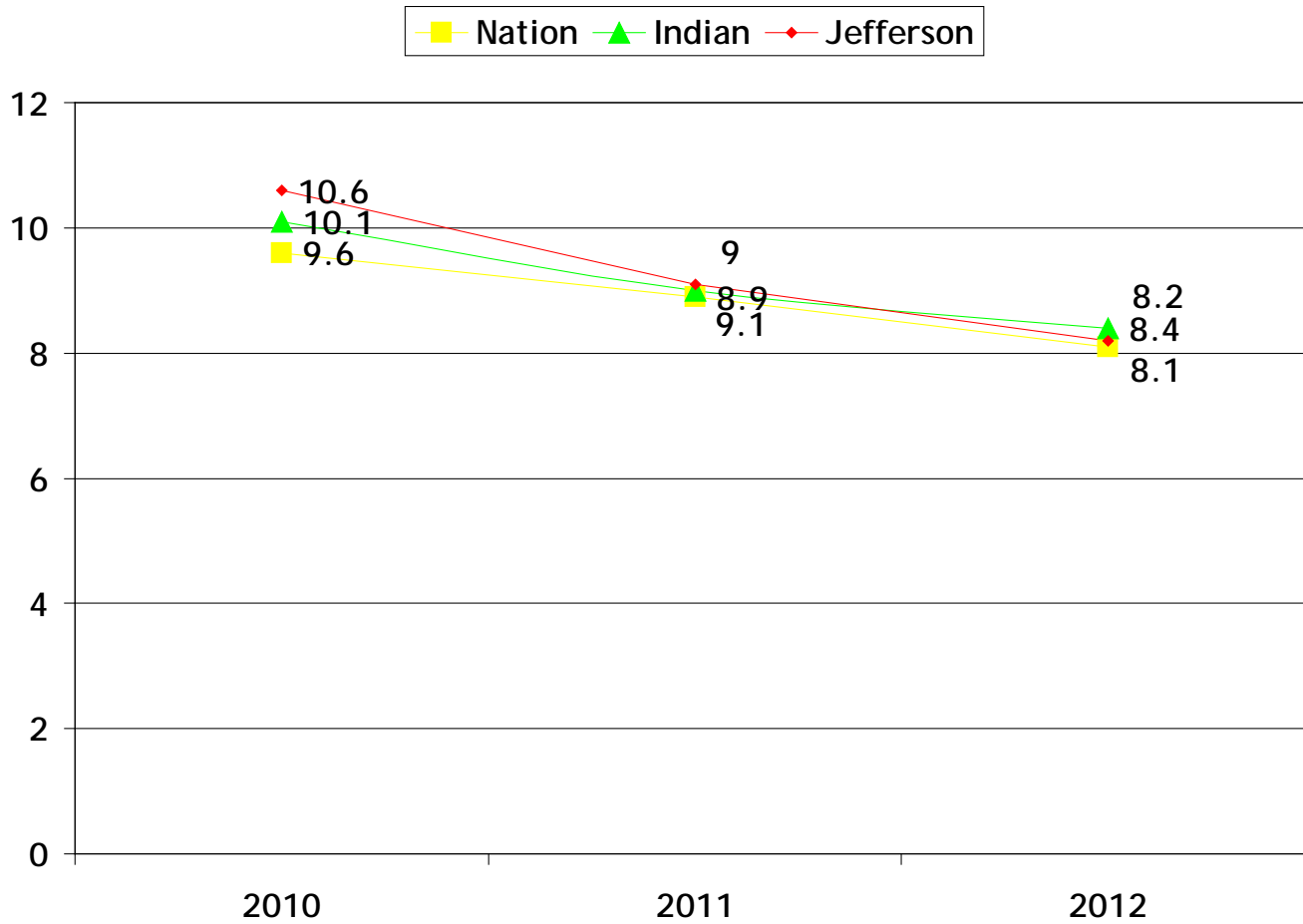


# Median Household Income



# Unemployment Rate

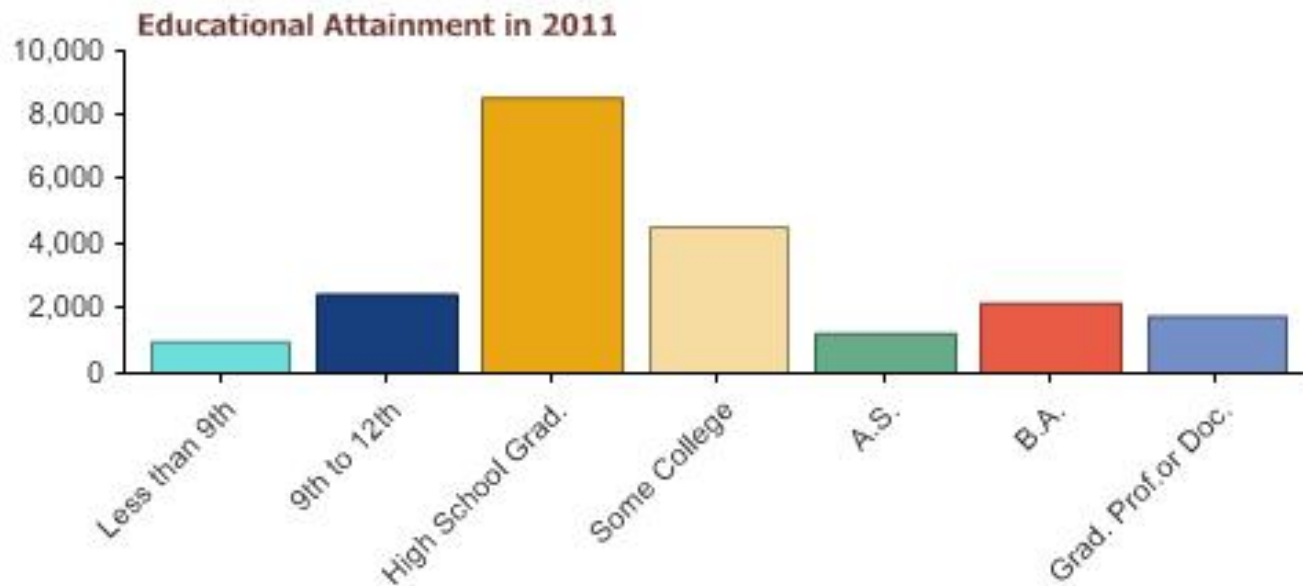
As a percentage



# Poverty

Locale	Ages 5 -17 in Families below Poverty	% of Families below Poverty	Number of Individuals below Poverty	% of Individuals below Poverty	% of Children in Poverty, Age 0-18 (2008)	% of Children in Poverty, Age 0-18 (2011)
Nation	10,976,987	20.8	48,452,035	15.9	18.2	22.5
Indiana	233,507	20.6	1,001,053	15.8	17.9	22.6
Jefferson	986	19.6	4,326	14.3	18	22.1

# Educational Attainment



2007-2011	Average Percentage of Adults 25+ with Less than a High School Diploma
Nation	14.6
Indiana	13.4
Jefferson	15.8

# Health Insurance

Percent of Adults Age 18+

Location	Have Medical/Hospital/Accident Insurance	No Medical/Hospital/Accident Insurance
Nation	72.7	27.3
Indiana	73.0	27.0
Jefferson	73.1	26.9



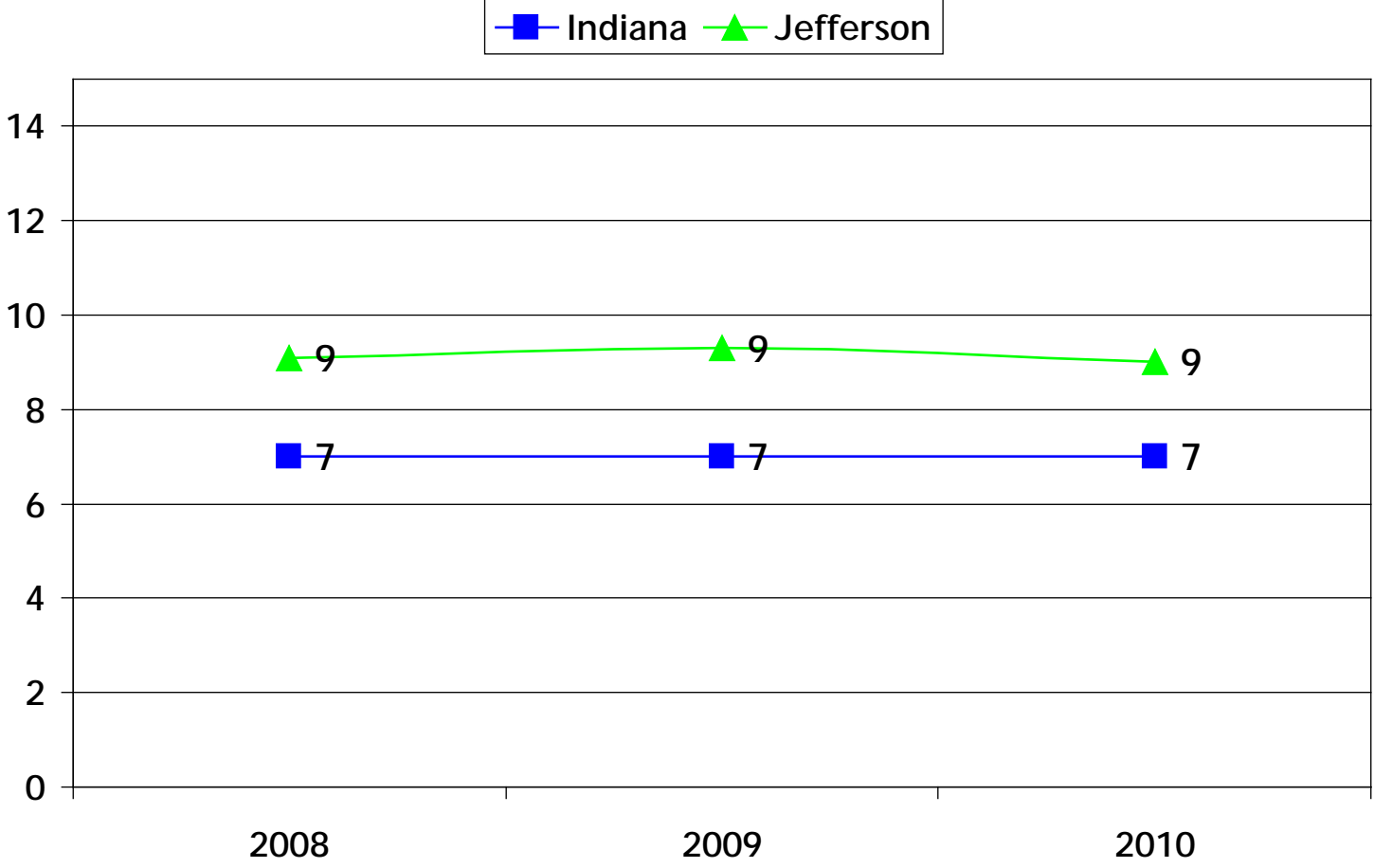
# Source of Health Insurance

Percent of Adults Age 18+

Location	Place of Employment	Medicare	Medicaid	Through a Union
Nation	43.6	11.5	4.5	3.5
Indiana	44.2	12.0	4.9	3.1
Jefferson	41.1	14.8	6.0	2.3

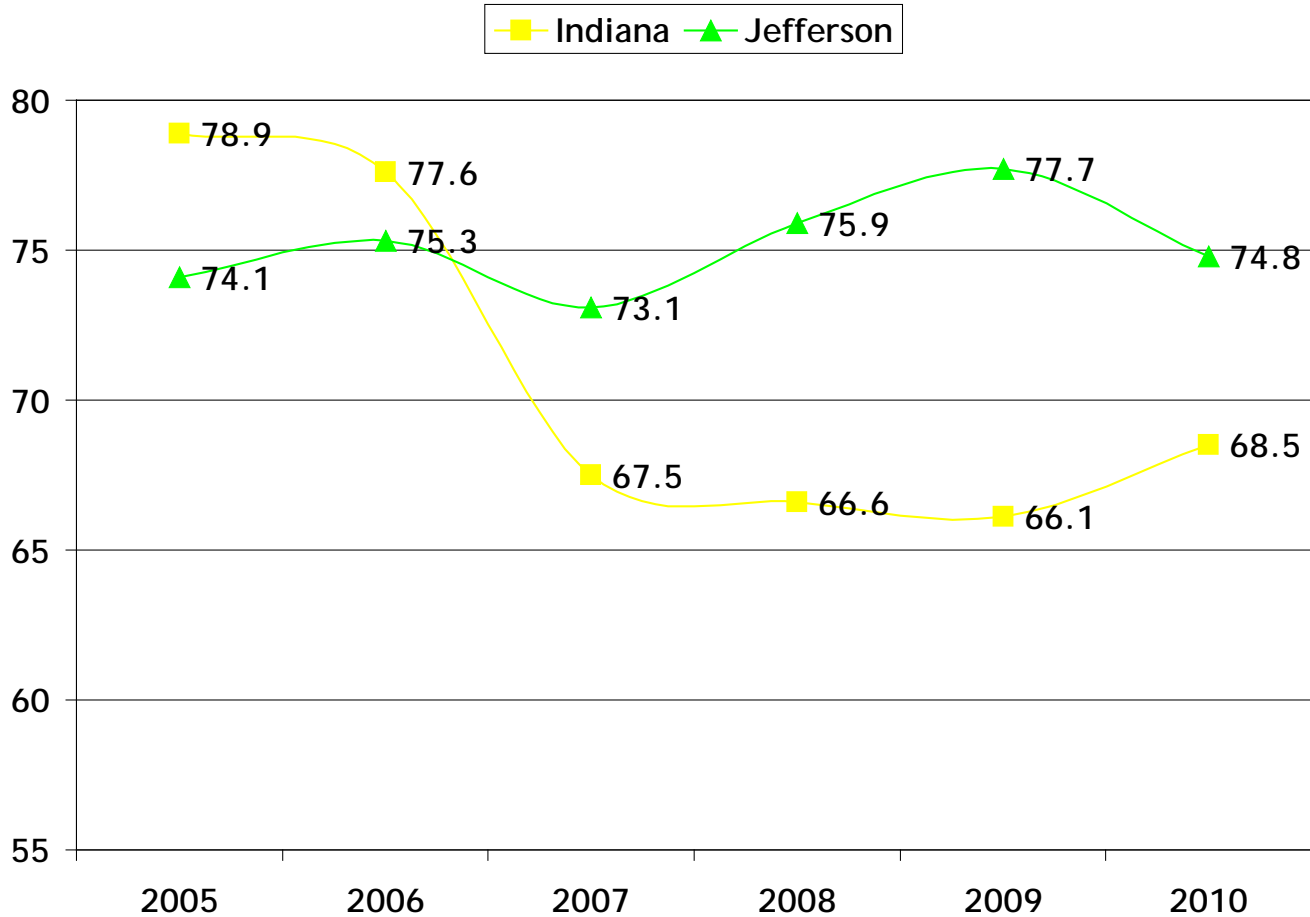
# Uninsured Children Under the Age of 19

As a percentage



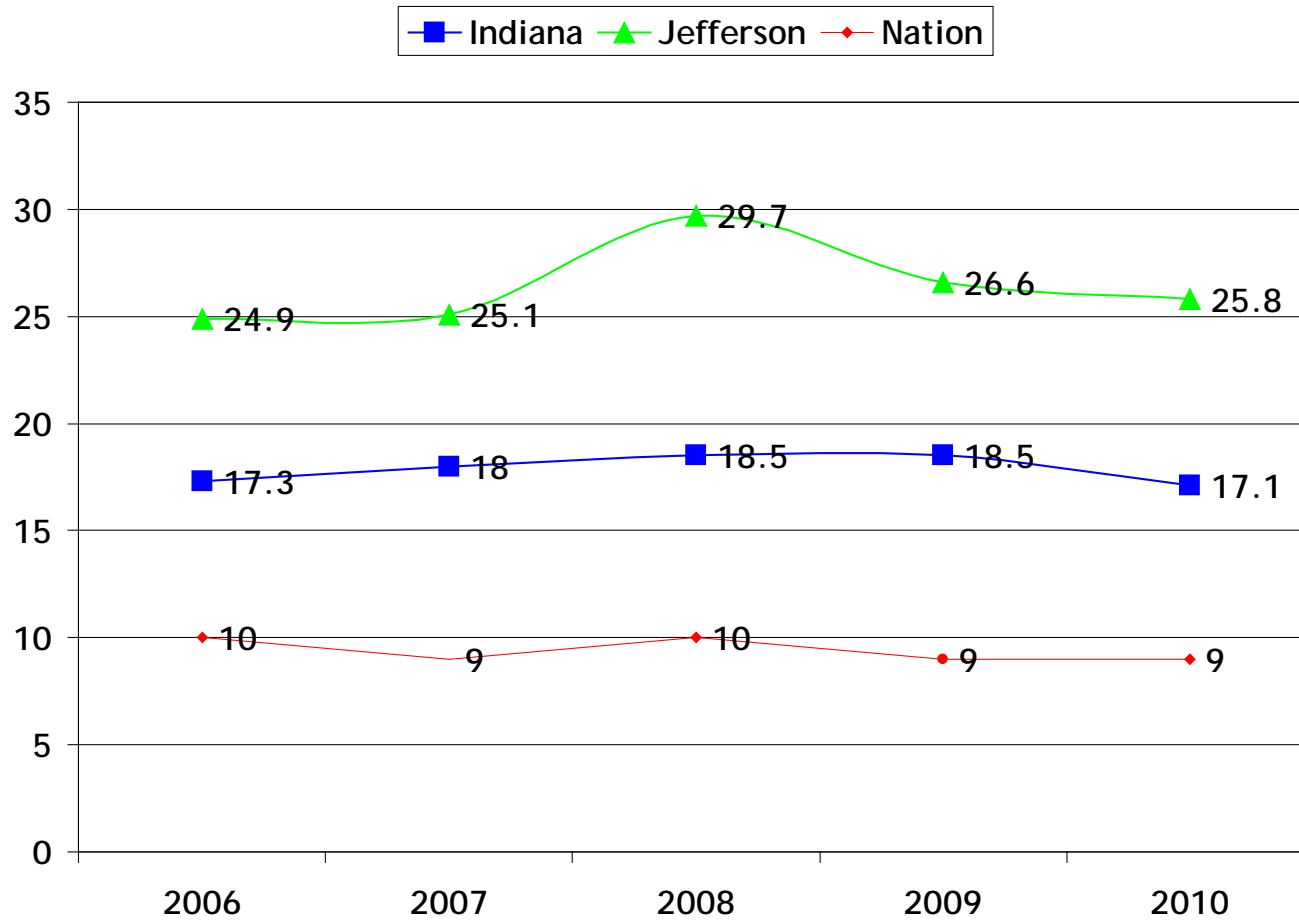
# Began PNC in 1<sup>st</sup> Trimester

As a percentage



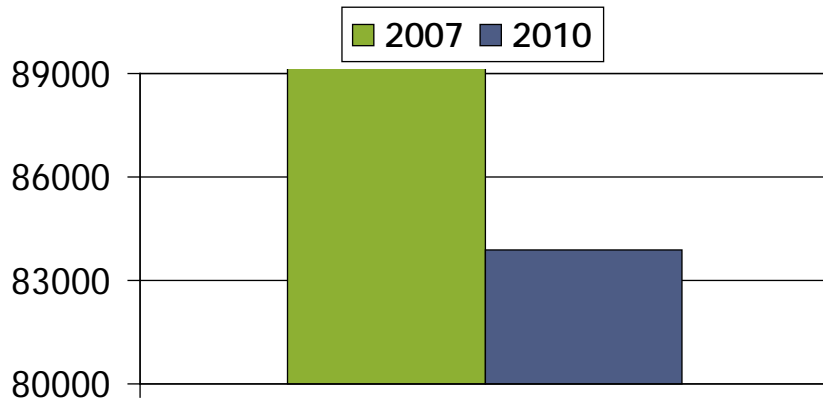
# Smoking during Pregnancy

As a percentage



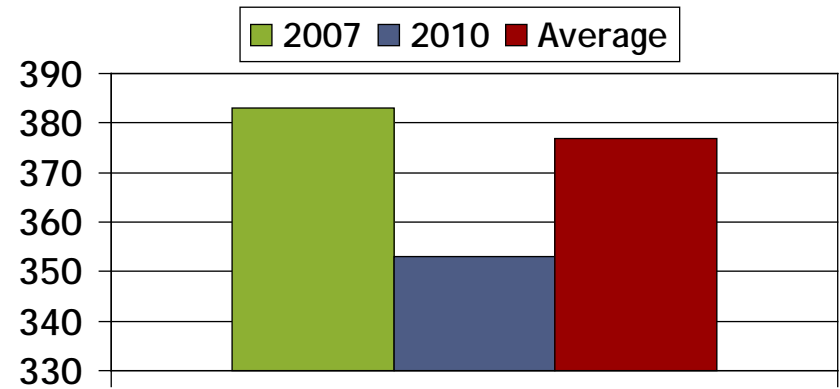
# Live Births

## Indiana



2007	2010
89,719	83,867

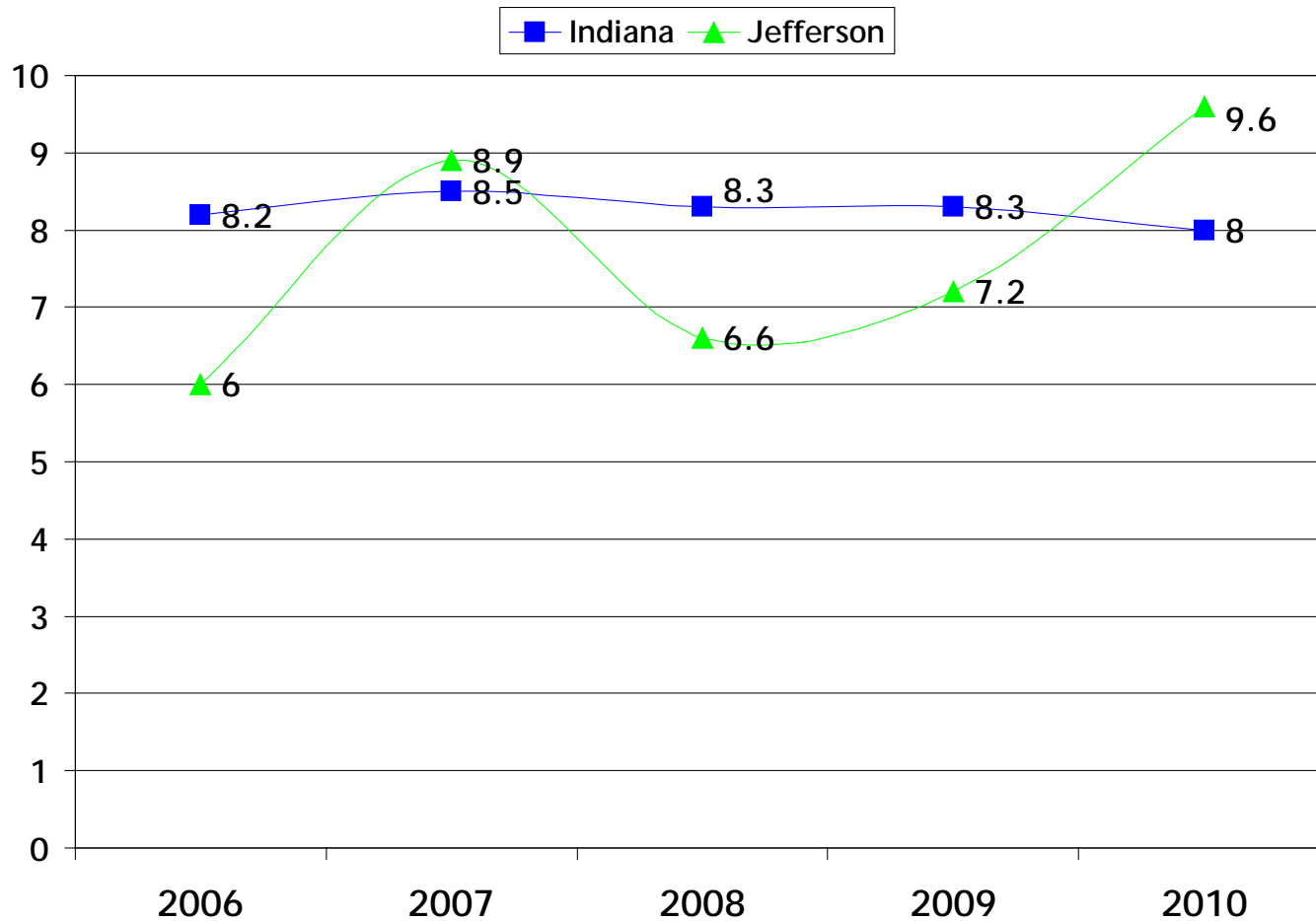
## Jefferson



2007	2010	Avg. 2007-2010
383	353	377

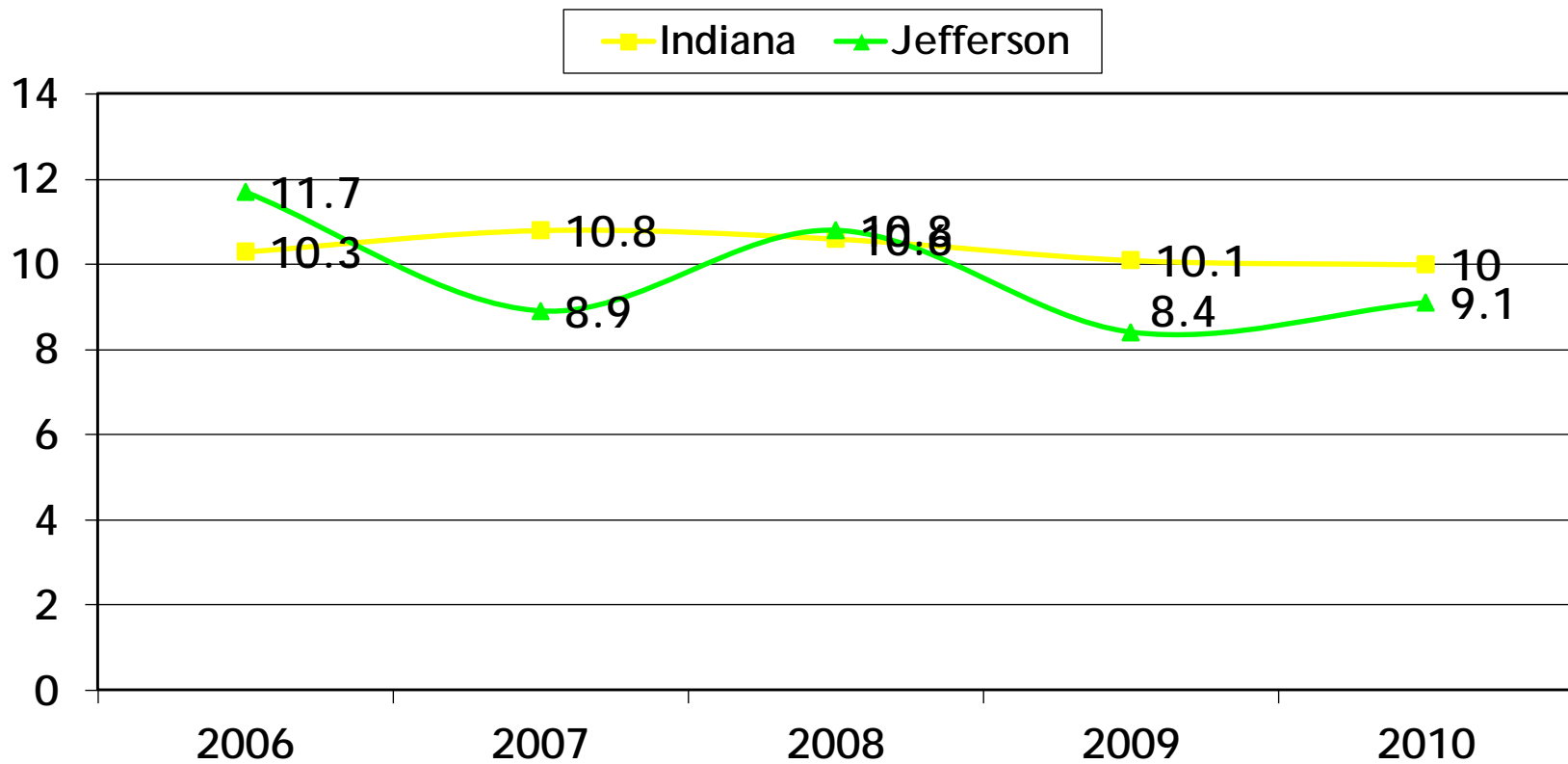
# Low Birth Weight

As a percentage



# Preterm Births

As a percentage



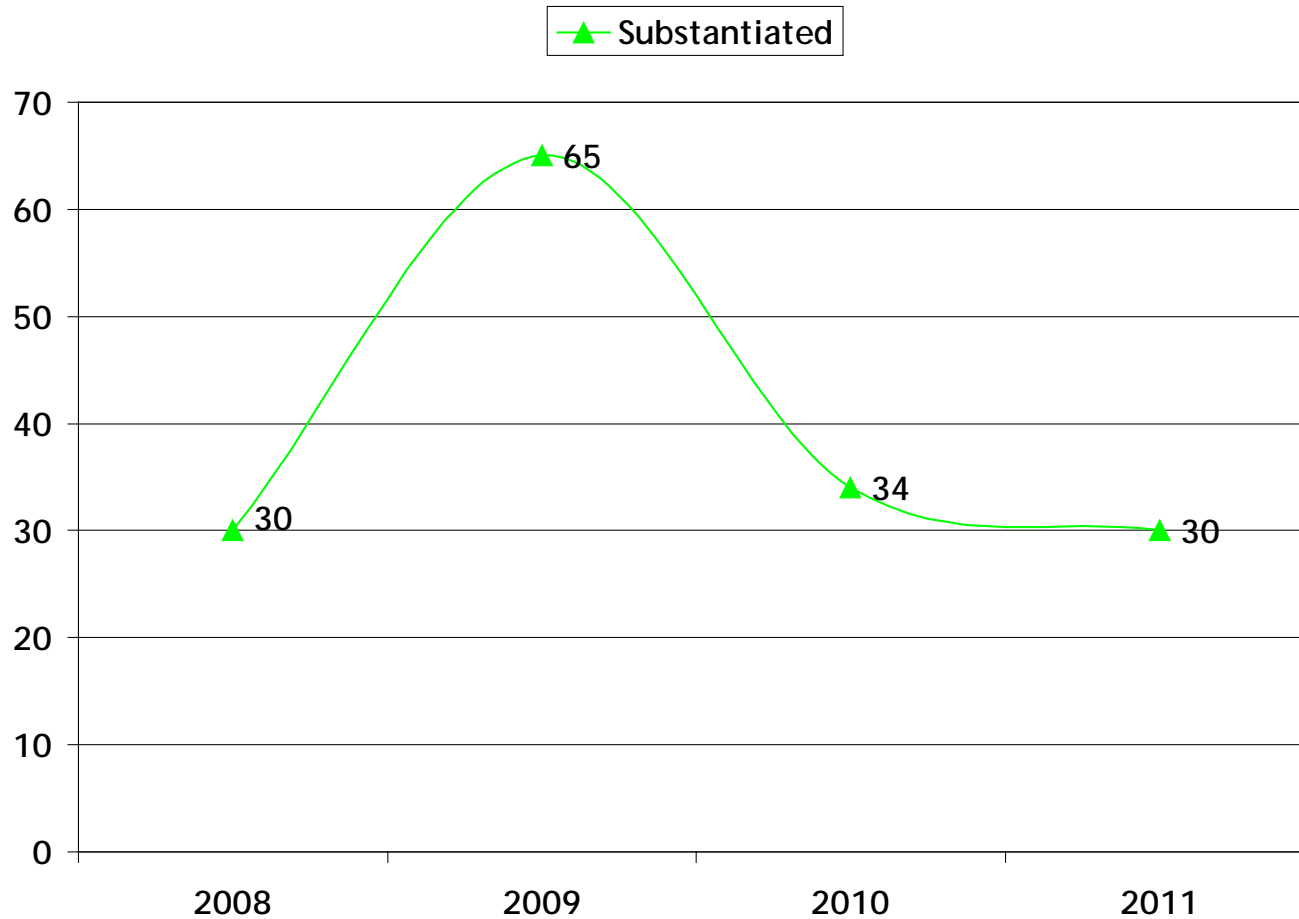
# Infant Mortalities

Number of Infant Deaths, Under the Age of 1

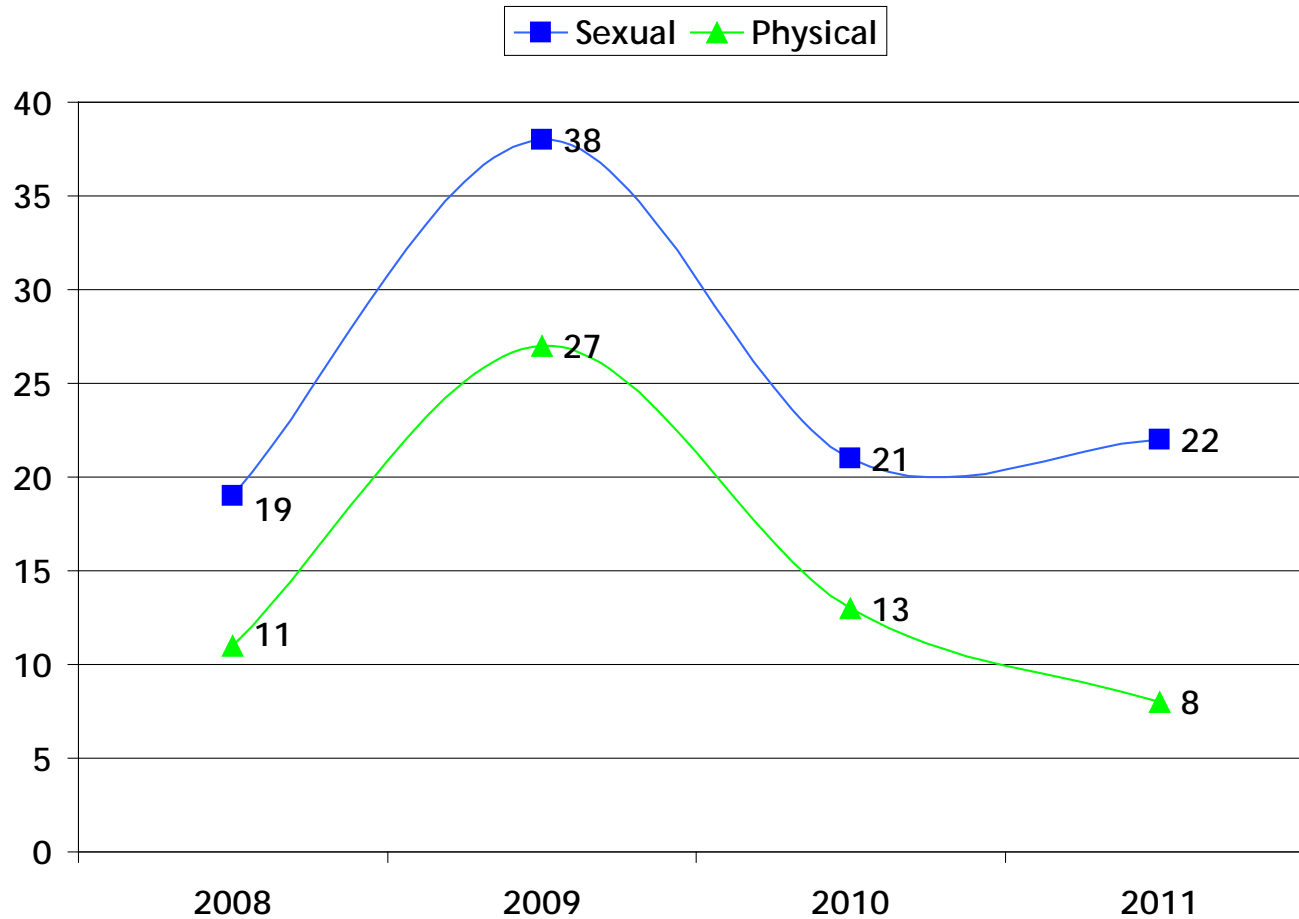
	2007	2008	2009	2010
Indiana	677	616	675	630
Jefferson	4	2	5	1



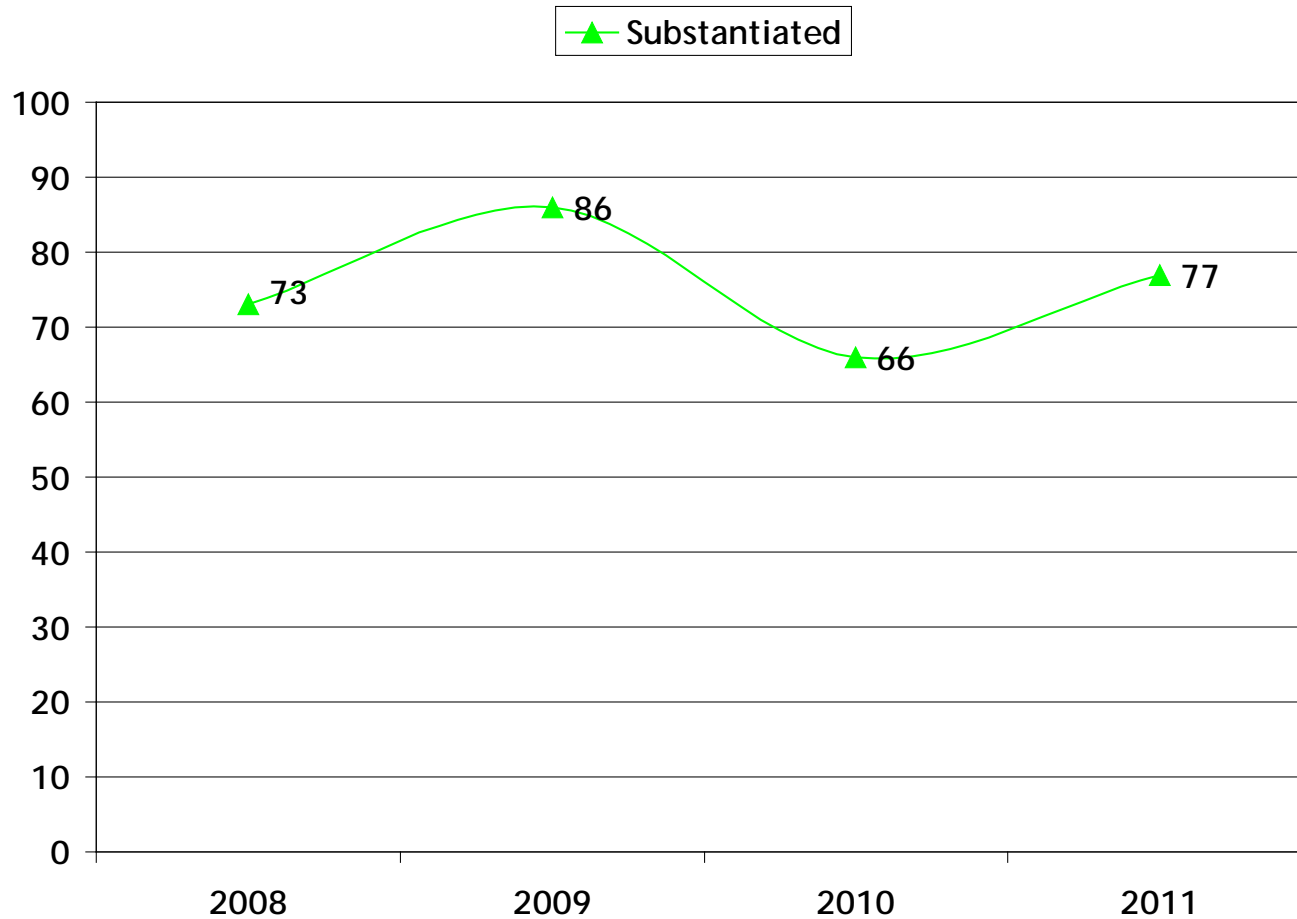
# Child Abuse Cases



# Specific Child Abuse Cases



# Child Neglect Cases

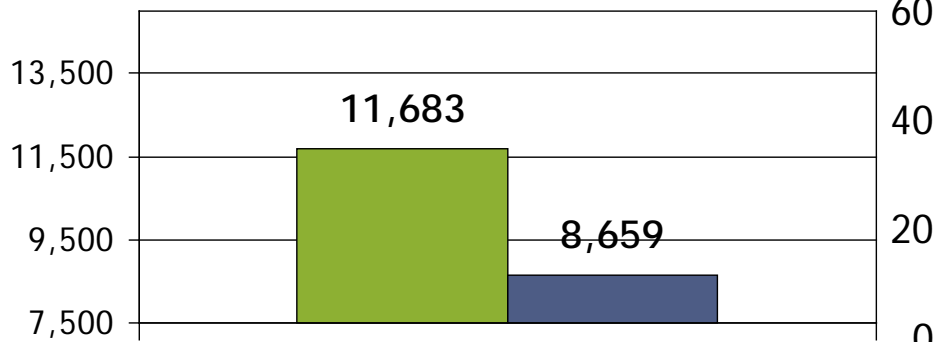


# Teen Pregnancies

Teens ages 15 - 19 years old

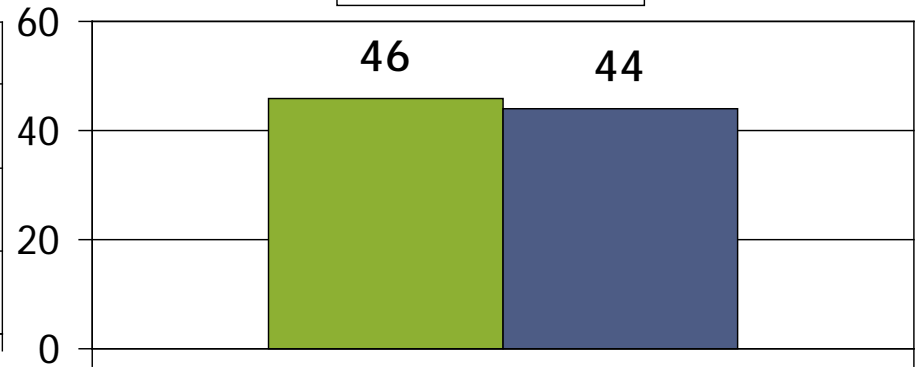
### Indiana

2007 2010



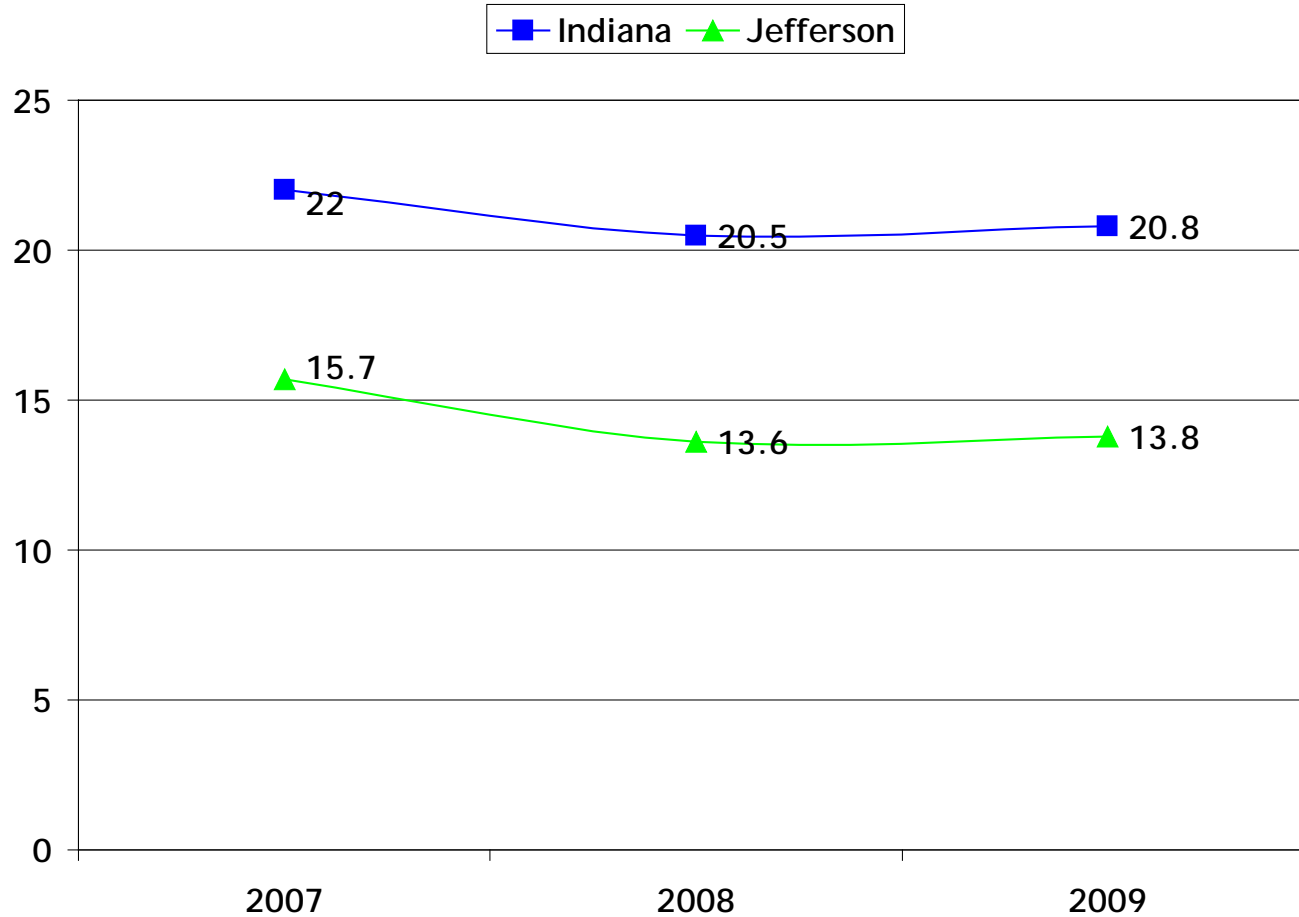
### Jefferson

2007 2010



# Teen Birth Rate

Per 1,000 Females Age 15-17



# Infectious Diseases

## Hepatitis C

2012

- Indiana
  - Total Cases: 5,954
- Jefferson County:
  - Total Reported Cases: 35
  - Total Confirmed Cases: 20

# Pneumonia / Influenza Deaths

Rate per 100,000 population

	2003-2010
Nation	16.2
Indiana	17.1
Jefferson	14.9

# Sexually Transmitted Diseases

Diagnosed in the calendar year

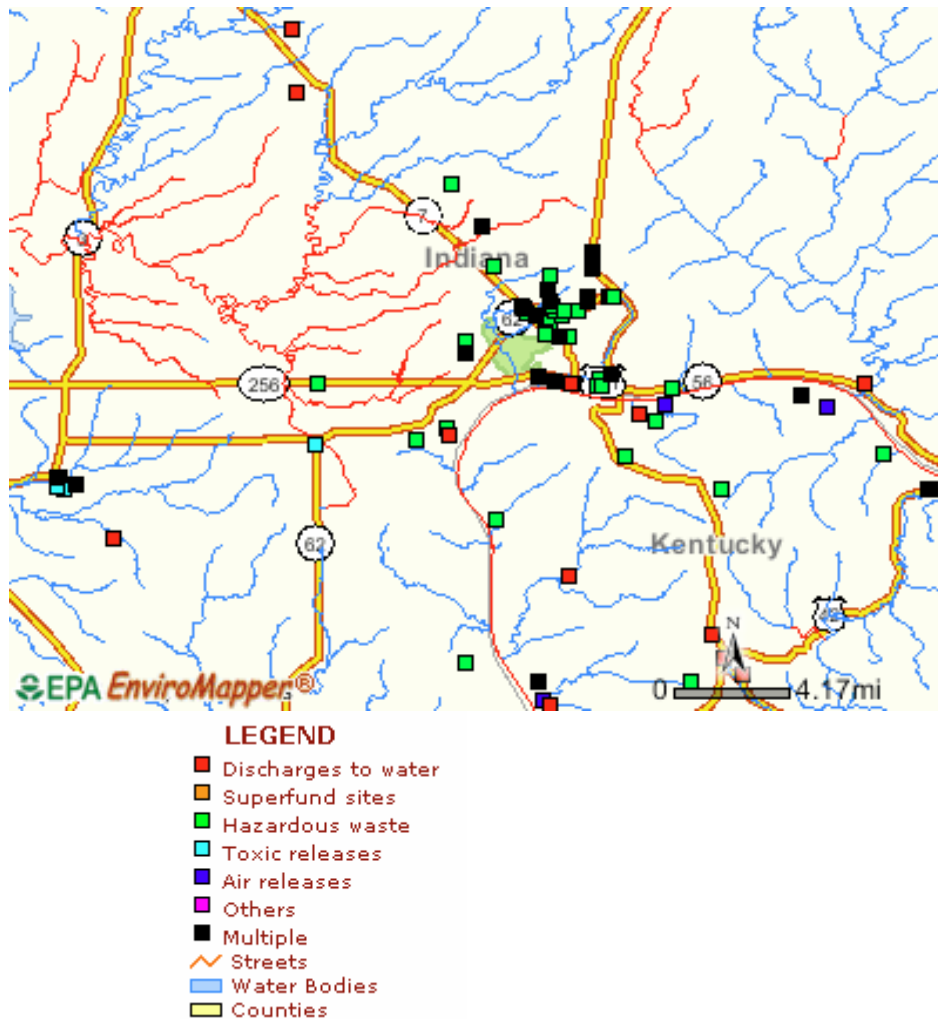
Chlamydia	2011	2010	2009
Nation	1,412,791	1,307,893	1,244,180
Indiana	27,801	22,825	21,759
Jefferson	97	90	82

Gonorrhea	2011	2010	2009
Nation	321,849	309,341	301,174
Indiana	6,569	6,496	6,812
Jefferson	12	5	<5

Syphilis	2011	2010
Nation	13,970	13,774
Indiana	173	175
Jefferson	<5	<5



# Environmental Facts



## Air

Facilities that product and release air pollutants: 17

## Toxics

Facilities that have reported toxic releases: 15

## Waste

Facilities that have reported hazardous waste activities: 60

Superfund Sites: 3

## Water

Facilities issued permits to discharge to waters: 8

# Availability of Drugs

	Jefferson	Indiana
Alcohol Licenses	90	14,035
Alcohol Licenses per 1,000 persons age 18+	2.8	2.1
Tobacco Outlets	25	4,973
Tobacco Outlets per 1,000 persons	0.76	0.77
Tobacco Outlets per 1,000 Youth (Ages 10 - 17)	7.23	7.06
Meth Lab Seizures by Any Agency	14	1,395

# Average Consumer Spending on Alcohol & Tobacco

Alcohol Spending	Nation	Indiana	Jefferson
Average Annual Alcohol Spending per Household	\$670	\$588	\$516
Above as Percentage of Median Household Income	1.6	1.4	1.3

Tobacco Spending	Nation	Indiana	Jefferson
Average Annual Tobacco Spending per Household	\$354	\$338	\$321
Above as Percentage of Median Household Income	0.7	0.7	0.8

# Adult Gambling Behavior

Percent of Adults Age 18+

Adult Gambling Behaviors			
	Jefferson	Indiana	Nation
Gambled at Casino in Last 12 Months	14.4	14.9	16.1
Gambled at Casino 6+ times in Last 12 Months	2.7	2.7	2.7
Gambled in Las Vegas or Atlantic City in the Last 12 Months	3.8	5.3	7.3
Bought Lottery Ticket in Last 12 Months	33.7	35.5	34.9
Played Lottery 6+ Times in Last 30 Days	11.8	12.3	11.5
Played Bingo in Last 12 Months	4.1	4.6	4.4

# Problem Gambling

Individuals Enrolled in VEP (Indiana Gambling Voluntary Casino Self Exclusion Program) and Callers to the Indiana Problem Gambling Helpline

	VEP Members	Called Helpline
Indiana	2,242	843
Jefferson	13	7
IN County Average	24.4	9.2

# Alcohol Related Fatalities - 2011

Number of Alcohol Related Fatalities	
Nation	3,808
Indiana	693
Jefferson	3

# Methamphetamine Abuse

Labs Found to be Producing Methamphetamine

Average Number of  
Labs Found in  
Indiana Counties:

**14.8**

Total Number of Labs	
Indiana	1,363
Jefferson	12

# Prescription Drug Abuse and Misuse

Jefferson County 2008-2011	
Number of Criminal Cases filed per week in County for Possession of or for Dealing Prescription Drugs	2.3
Number of Prescription Pill Overdose Deaths	37
Total Number of Prescription Pill Overdose Deaths	40
Number of Overdose Victims 30 Years Old or Younger	13



# Crime Report Data - 2009

Arrests directly from alcohol, drug possession and drug sale/manufacture

	Jefferson	Indiana
Driving Under the Influence	145	30,817
Liquor Law Violations	108	16,188
Drunkenness	82	20,938
Drug Possession	96	22,901
<i>Opium/Cocaine</i>	8	2,624
<i>Marijuana</i>	60	14,436
<i>Synthetic Narcotics</i>	12	1,830
<i>Other Drug Possession</i>	16	3,998
Drug Abuse-Sale/Manufacturing	27	6,451

# Primary Care Physicians & Non-Physician Clinicians

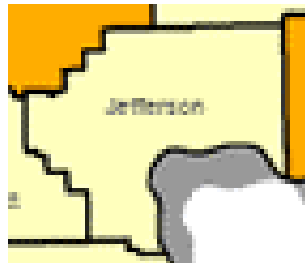
Jefferson County

Rate of Primary Care  
Physicians & Non Physician  
Clinicians per 100,000  
population:

**91.8**

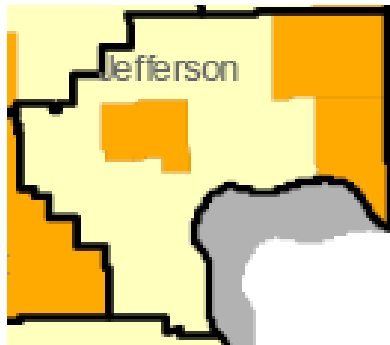
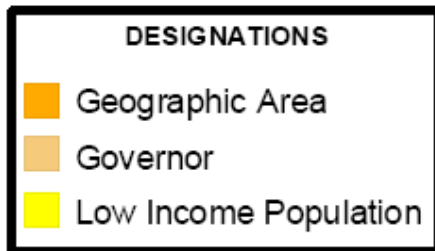
Type	Number
Family Medicine	10
General Internal Medicine	0
General Pediatric	4
Osteopathic	2
Primary Care Physician Assistants	1
Nurse Practitioners	2
<b>TOTAL</b>	<b>19</b>

# Primary Care Health Professional Shortage Areas



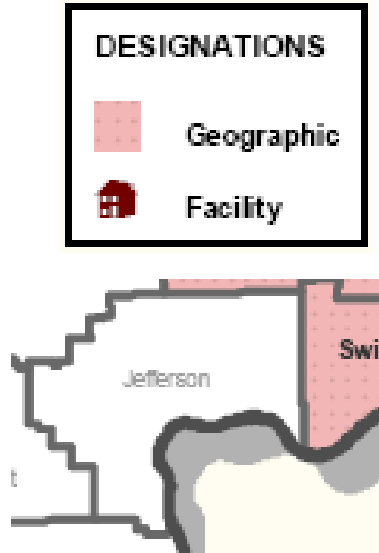
Jefferson County does not appear to have a shortage of health care professionals

# Medically Underserved Areas



The townships of Milton, Shelby, and Smyrna in Jefferson County are considered medically underserved.

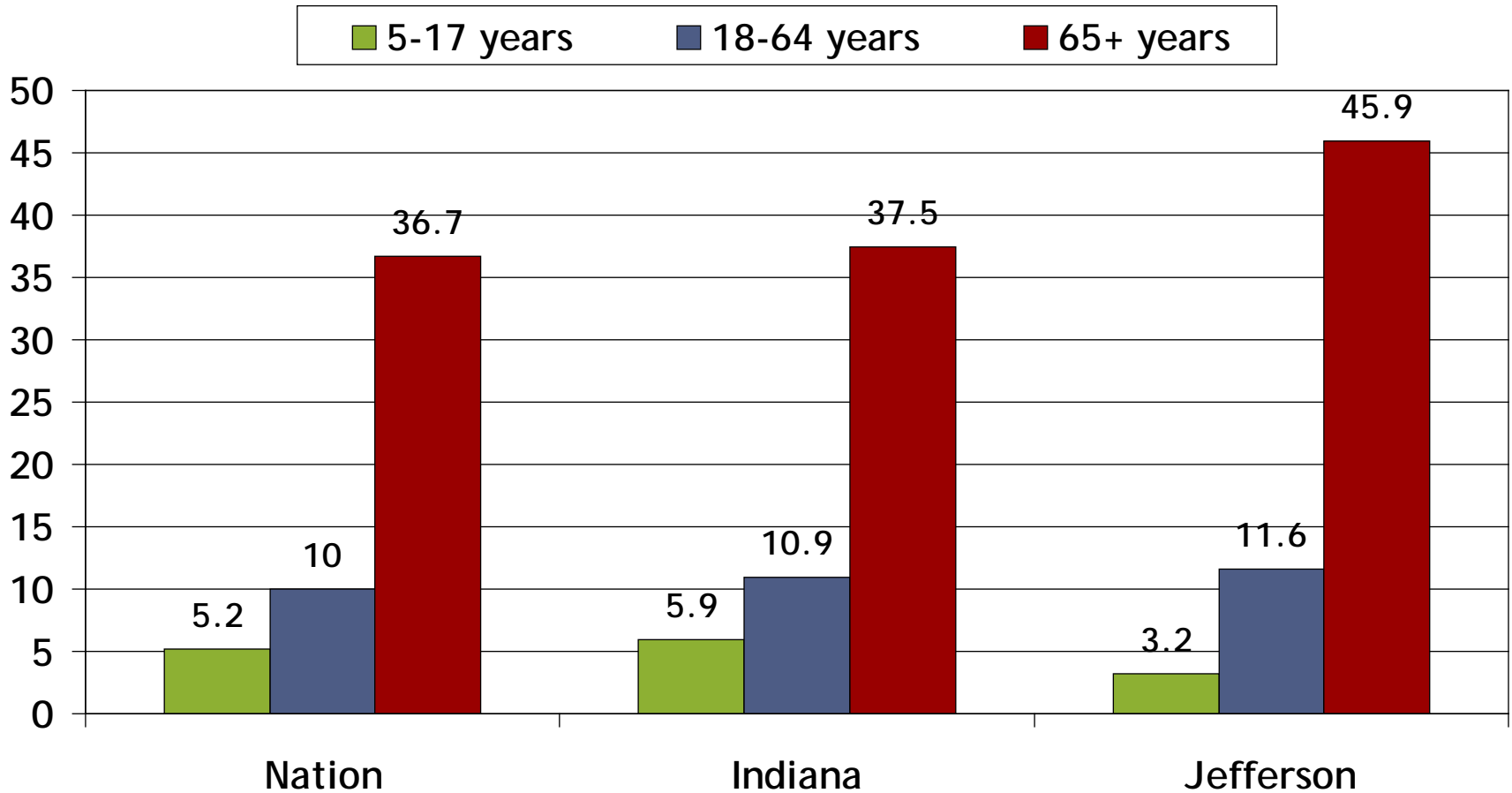
# Mental Health Professional Shortage Areas



Jefferson County does not have any areas with a shortage of mental health professionals.

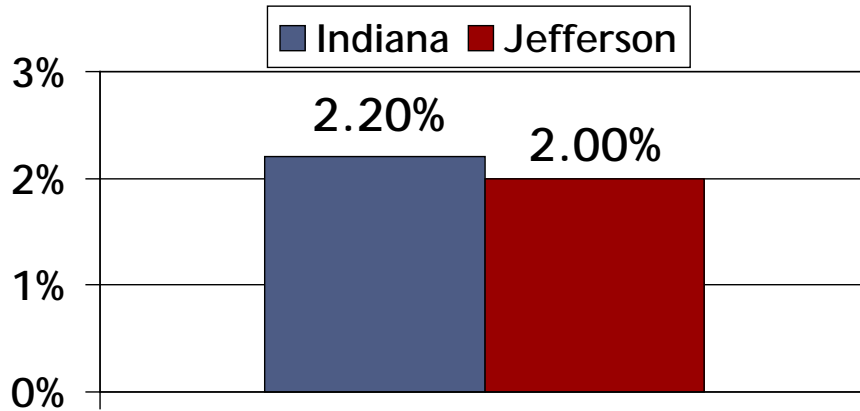
# With Disability

## Noninstitutionalized

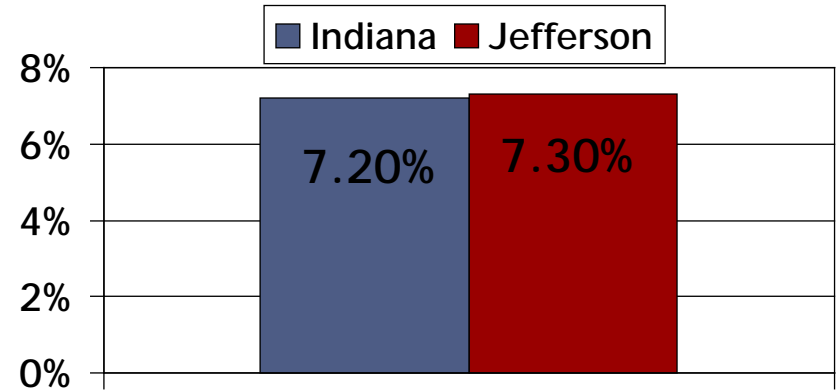


# Asthma

## Pediatric



## Adult

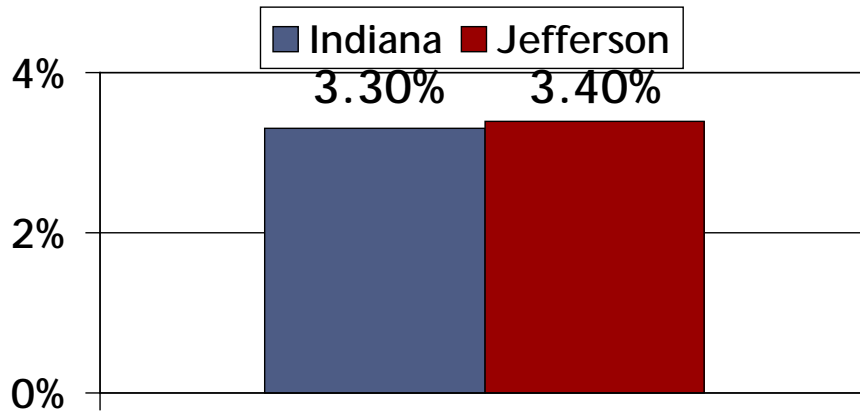


Cases	
Indiana	141,400
Jefferson	645

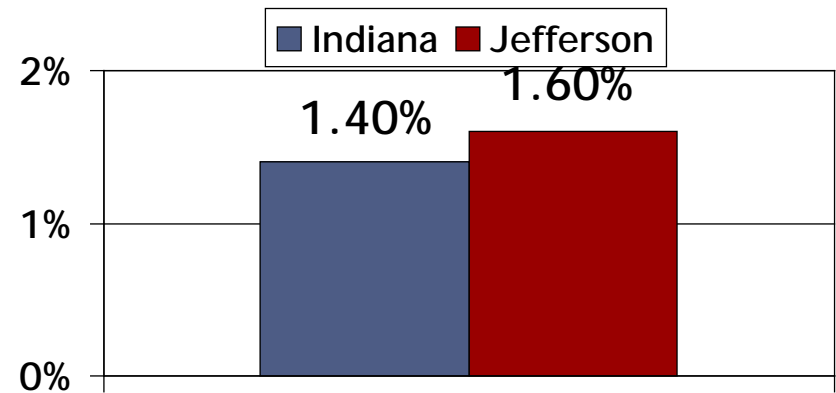
Cases	
Indiana	464,302
Jefferson	2,379

# Lung Diseases

## Chronic Bronchitis



## Emphysema



Cases	
Indiana	210,953
Jefferson	1,108

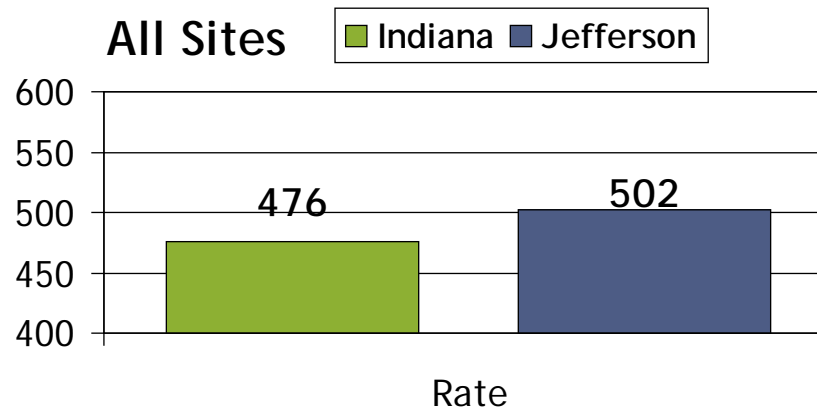
Cases	
Indiana	92,994
Jefferson	508



# Incidences of Cancer: All Sites

Counts and Rates are for the years of 2004 - 2008

Rate is age adjusted 100,000 population to the 2000 U.S. Population Standard

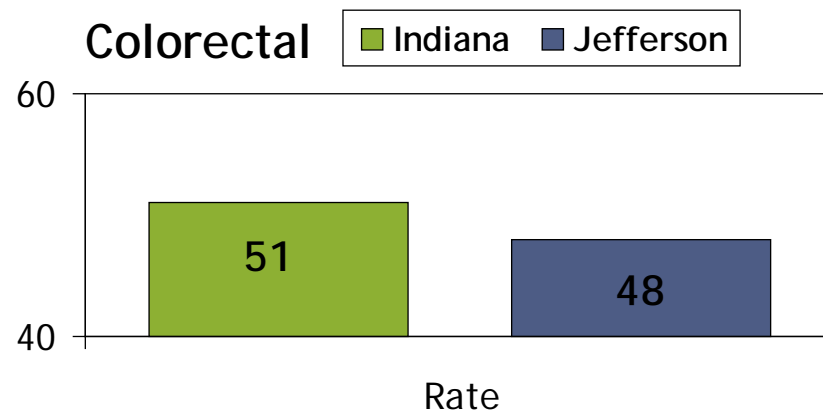
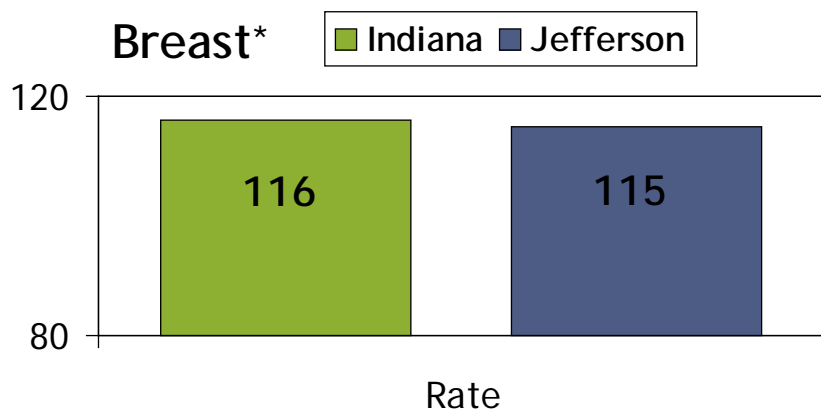


Average Annual Count	
Indiana	30,998
Jefferson	185

# Incidences of Cancer: Breast & Colorectal

Counts and Rates are for the years of 2004 - 2008

Rate is age adjusted 100,000 population to the 2000 U.S. Population Standard



Average Annual Count	
Indiana	4,102
Jefferson	22

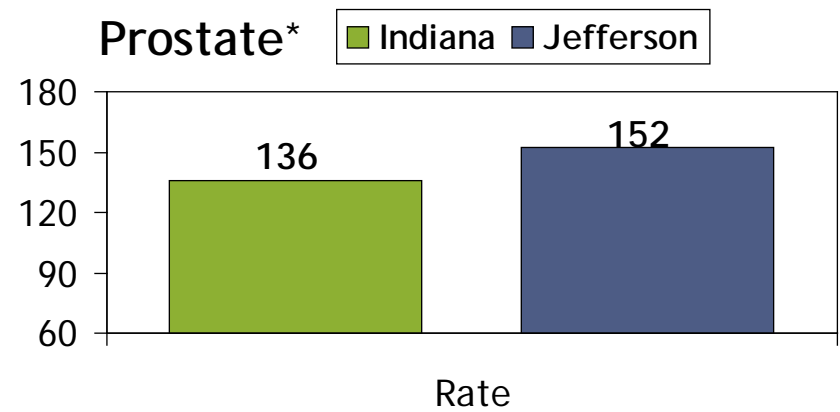
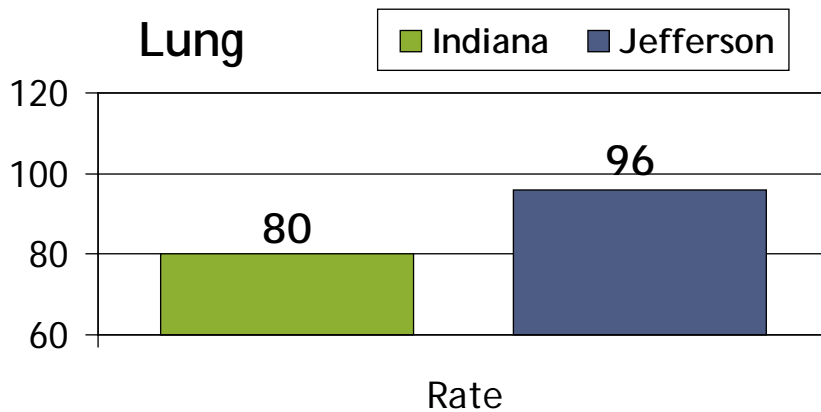
Average Annual Count	
Indiana	3,351
Jefferson	18

\* Only calculated for females

# Incidences of Cancer: Lung & Prostate

Counts and Rates are for the years of 2004 - 2008

Rate is age adjusted 100,000 population to the 2000 U.S. Population Standard



Average Annual Count	
Indiana	5,183
Jefferson	37

Average Annual Count	
Indiana	3,954
Jefferson	27

\* Only calculated for males

# Mental Health

	Adults with Serious Mental Illness	Seriously Emotionally Disturbed Children	Co-Occurring Disorders
All Counties	247,285	51,470	57,374
Jefferson	1,324	247	307

# Mental Illness Death Rates

Rate per 100,000 population

Suicide Death Rate	2009	2008	2007
Nation	12.0	11.9	11.3
Indiana	12.9	12.7	12.4
Jefferson	30.7	10.6	10.7

Alzheimer's Death Rate	2009	2008
Nation	25.7	27.1
Indiana	29.3	30.9
Jefferson	43.5	34.7

# Causes of Death

Locale	Heart Disease	Diabetes	Cancer	Pneumonia / Flu
Indiana	13,394	1,787	13,142	1,046
Jefferson	110	9	61	9

# Diabetes Death Statistics

Rate per 100,000 population

	2009	2008	2007
Nation	22.4	29.7	22.5
Indiana	25.6	30.2	23.4
Jefferson	23.3	30.1	18.7

# Heart Related Deaths

Rate per 100,000 population

Major Cardio-vascular Diseases	2010	2009	2008
Nation	193.6	195.2	202.9
Indiana	206.5	210.3	214.3
Jefferson	372.1	309.7	249.8

Ischemic Heart Disease	2010	2009	2008
Indiana	115.4	117.8	124.8
Jefferson	190.4	129.4	136.4



# Respiratory Death Rate

Rate per 100,000 population

Chronic Lower Respiratory Disease (CLRD)	2010	2009	2008
Nation	44.7	44.7	46.4
Indiana	58.5	58.3	60.8
Jefferson	65.8	52.3	74.0

# Stroke Death Rate

Rate per 100,000 population

	2010	2009
Nation	41.9	42.0
Indiana	47.5	46.8
Jefferson	79.4	77.8

# Tobacco Usage

Estimated Smoking Prevalence - Adult Smokers as Percentage of Population

2005-2011	
Nation	19
Indiana	24
Jefferson	28

# Obesity

Percent of adults that report a BMI  $\geq$  30

	2009
Nation	25
Indiana	31
Jefferson	31

# Physical Inactivity

Percent of Adults aged 20 and over reporting no Leisure Time Physical Activity

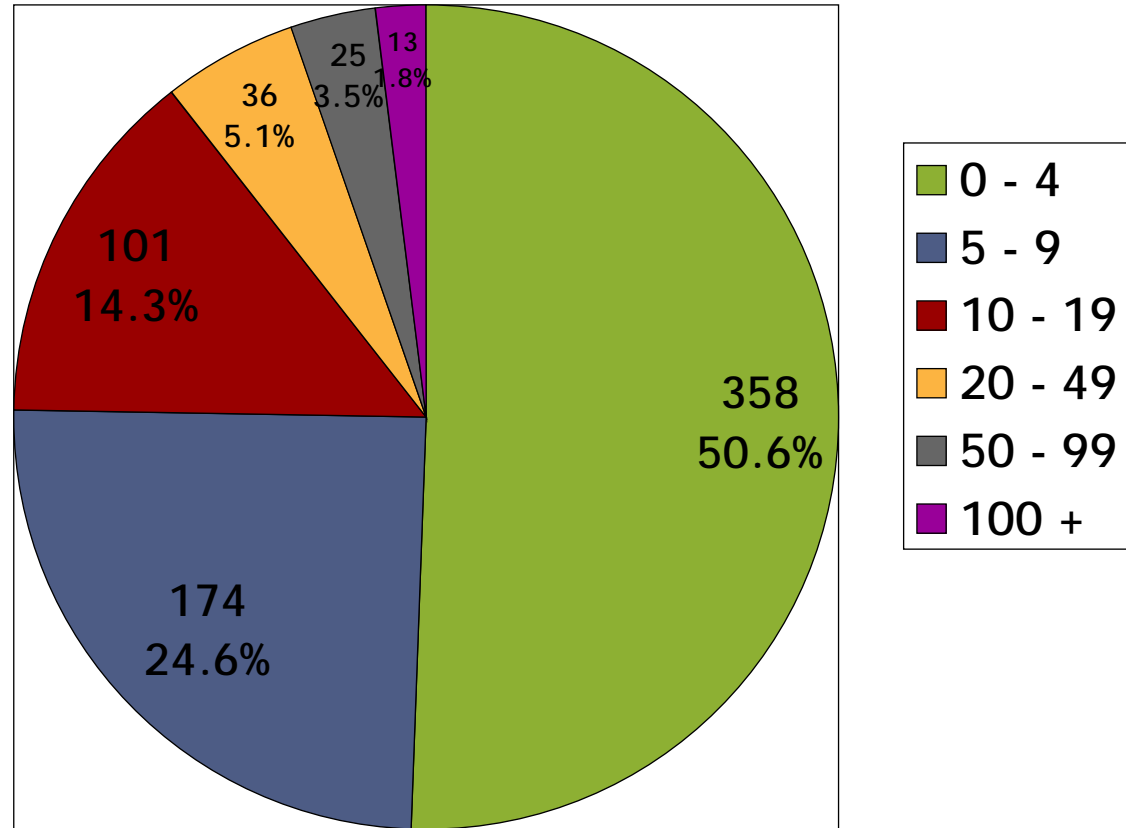
	2009
Nation	21
Indiana	27
Jefferson	31

# Major Employers in Jefferson County

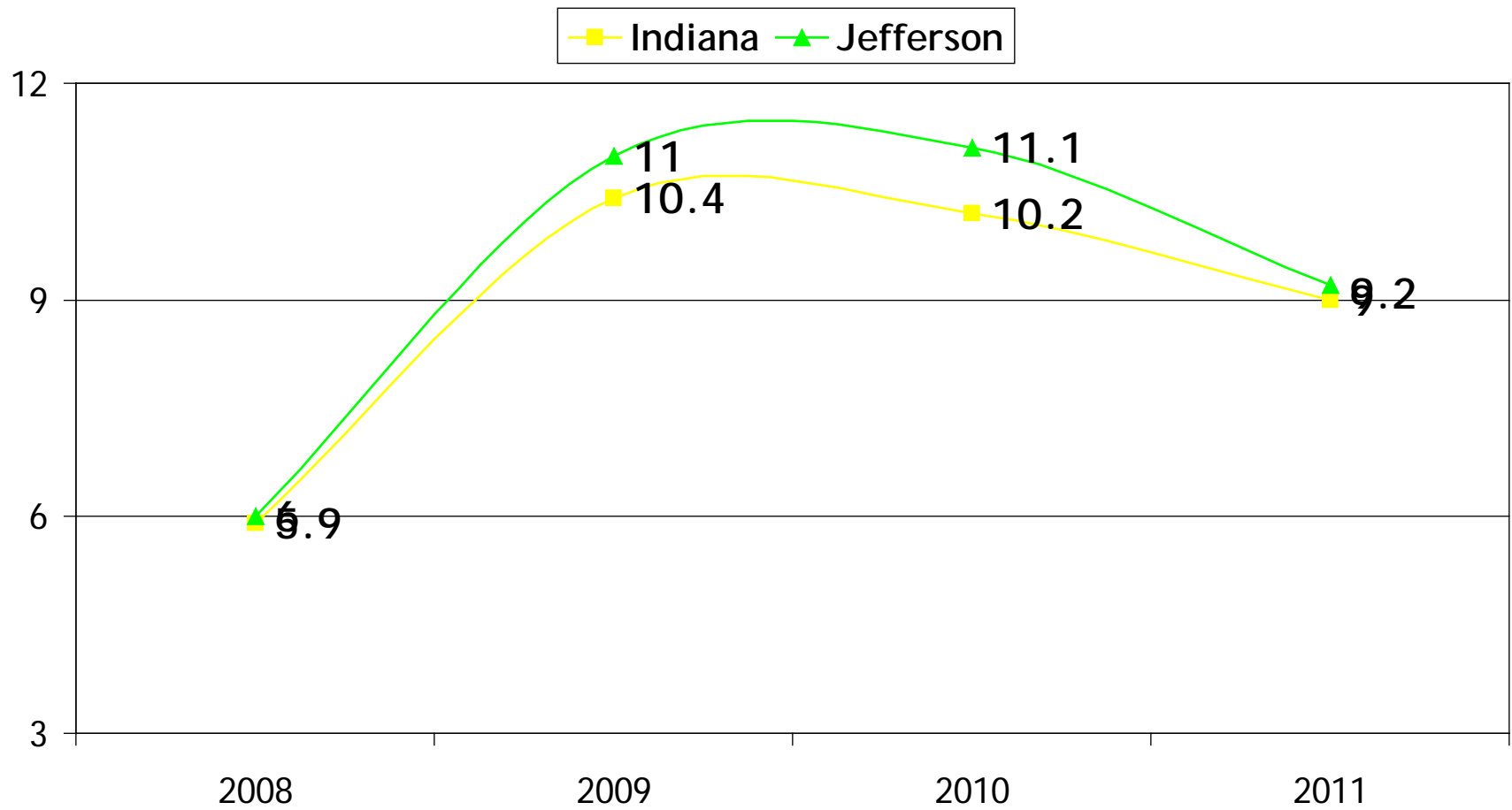
Firm	Product(s) / Service(s)	Employees	Year
King's Daughters' Hospital and Health Services	Health care provider	971	1899
Arvin Sango (ASI)	Automotive industry products	525	1986
Grote Industries	Highway safety products	468	1901
Madison State Hospital	State psychiatric hospital	441	
Wal-Mart	Retail center	402	
IN-KY Electric Corp (IKEC)	Electrical service for the Ohio Valley	392	1952
Madison Precision Products	Aluminum parts for the automotive industry	374	1988
Vehicle Service Group (VSG)	Surface & in-ground lifts and collision repair equipment	295	1925
Hanover College	Four year private college	290	1827
R&T Steel & Wire	Kennel fabrication	226	

# Firms and Employment by Size

Total Business  
Units: 707

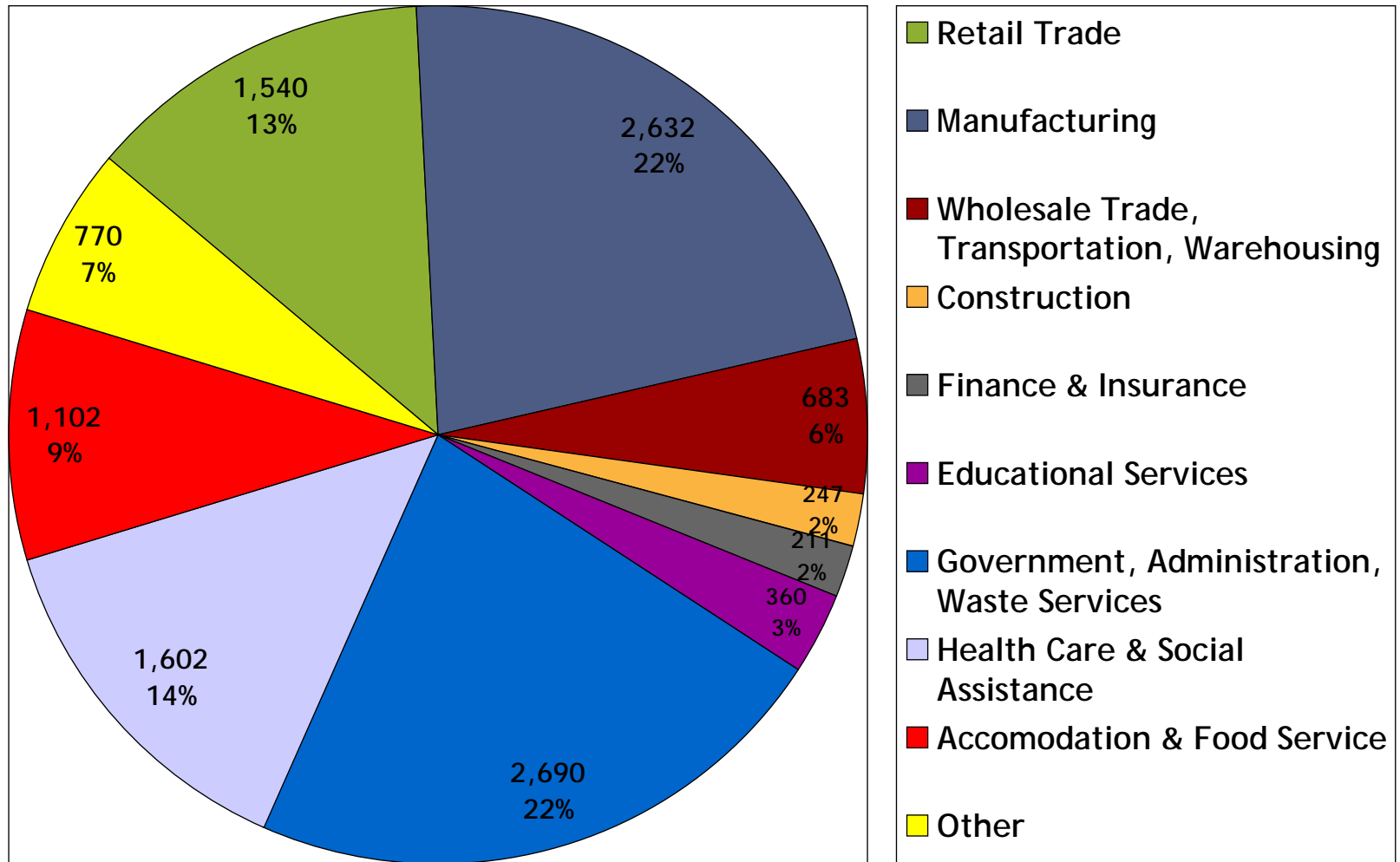


# Unemployment Rate





# Employment by Sector, 2011



# Land Use

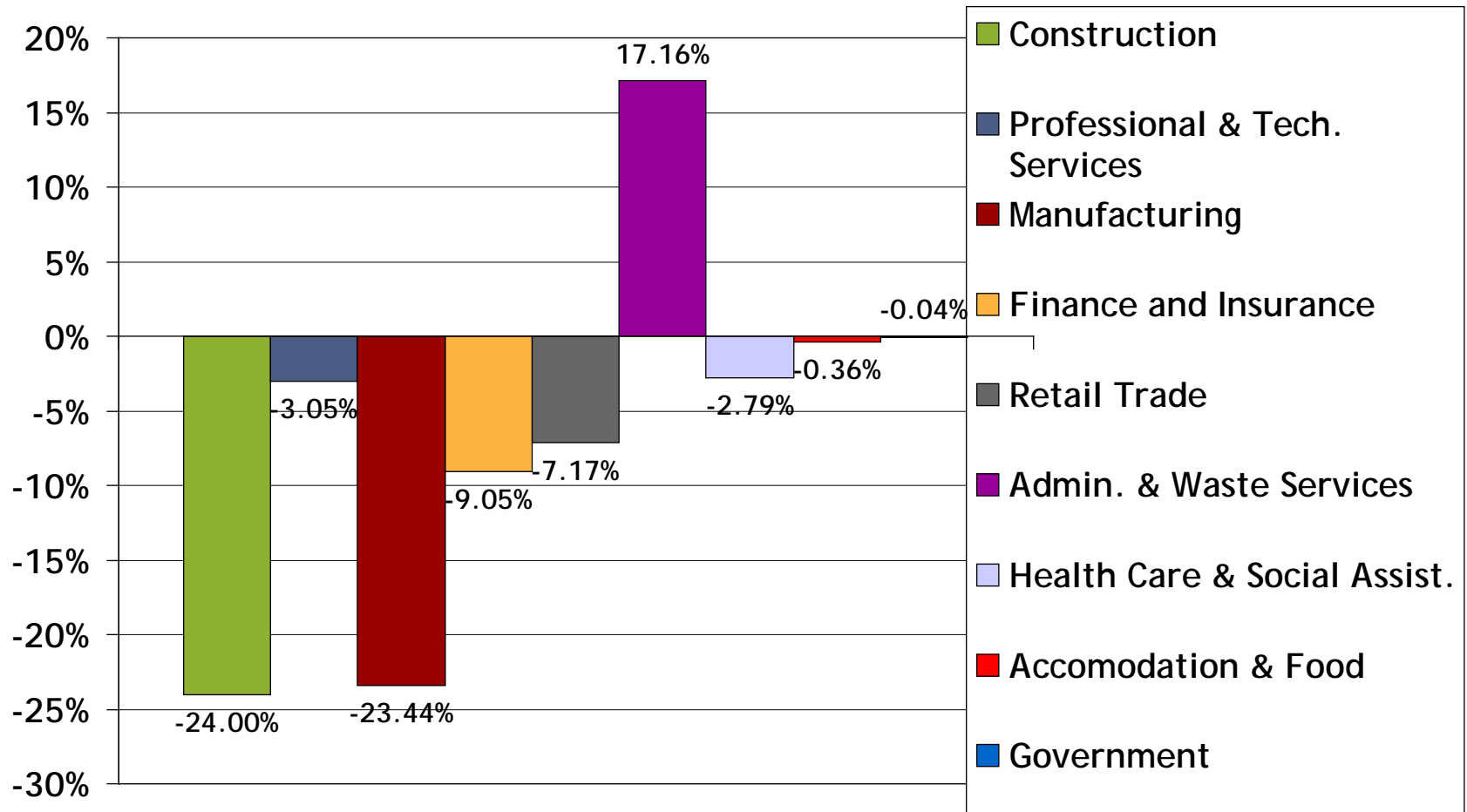
Crops: Tobacco

Rank in State for Acreage	2007 County Tobacco Crop Sales
1	\$1,599,000

	Harvested Acres	Production in (000) lbs
2004	962	1,948
2007	532	1,139

# Employment by Sector

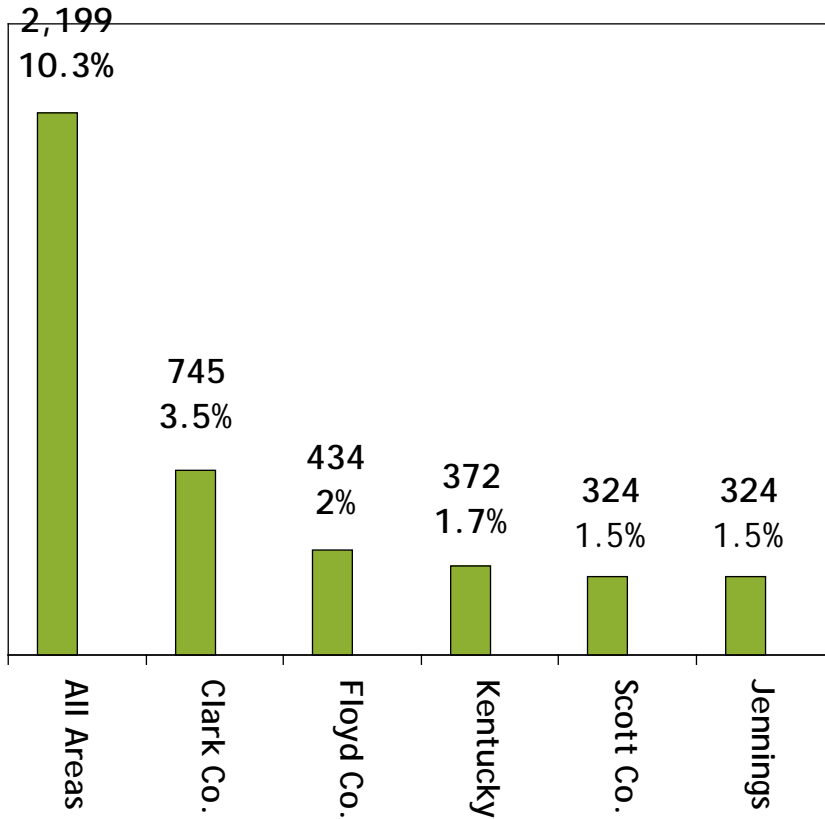
Percent Change 2007 - 2011



# Commuting Patterns

Top Five in 2010

### Into Jefferson FROM



### Out of Jefferson TO

