

# Jefferson County, Indiana Profile

## KDHHS Community Needs Assessment 2010

# Jefferson County Summary

- Jefferson County is experiencing a slow growth in total population, currently at 33,010, and is experiencing an inward migration. By 2020, the population is expected to be about 34,209. It has a median age of 39.6, a somewhat older population than the state average of 36.7. The unemployment rate of 10.6% is above the Indiana rate of 10.1%.
- The population is fairly homogeneous with a largely Caucasian population, 95%
- The average household income, of \$42,646, is lower than that for Indiana and the nation. In Jefferson County, about 13.2% of the individuals, or about 4,357, live below the poverty level, similar to the 12.9% poverty rate of individuals in Indiana and mirroring the 13.2% rate for the entire U.S.
- 53.9% of all families in Jefferson County are single parent families with 27.8% of these families in poverty. In Indiana, 32.4% of all families are single parent families with 27.6% 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. 30% of adults in Jefferson County use tobacco compared to 23% of adults living in the state of Indiana.
- An estimated 26.9% of the population age 18+ is uninsured. 6% of individuals with insurance have Medicaid, a higher percent than Indiana/4.9% or the nation/4.5%.
- According to the Indiana State Department of Health 2009 report, Jefferson County was not listed as a county that had a shortage of healthcare professionals or of mental health professionals. However, the 2009 report lists Milton, Shelby and Smyrna townships as medically underserved.
- The rate of all cancer incidence is higher in Jefferson County, at 521.6 for 100,000 population, than for Indiana, at 479.4 for 100,000 population. The rate of lung and bronchus cancer is higher in Jefferson, at 101.6 per 100,000 population than for Indiana at 79.8 per 100,000. The rate of prostate cancer is higher in Jefferson, at 166.2 per 100,000 population than for Indiana at 137.5 per 100,000. The rate of breast cancer in Jefferson is higher, at 126.4 per 100,000 population than for Indiana at 113.8 per 100,000 population. The rate of colorectal cancer is lower in Jefferson, at 50.3 per 100,000, than the rate for Indiana, at 52.2 per 100,000.

# Jefferson County Summary continued

- The rate of adult asthma in Jefferson County, at 7.13%, is higher than the rate for Indiana, at 6.88%, as is the rate of chronic bronchitis (3.4% for Jefferson; 3.2% for Indiana) and for emphysema (1.4% for Jefferson; 1.28% for Indiana.)
- The percent of mothers who smoked during pregnancy in Jefferson County is 25.1% compared to the state of Indiana average of 18.5%. In 2007, the percent of low-weight births for Jefferson County was 8.9%, above the 8.5% for Indiana.
- The number of teen pregnancies among women 15 to 19 years old has decreased in Jefferson County from 2002 to the most recent measurement in 2007. In Jefferson County, there were 52 teen pregnancies in 2002 and 46 teen pregnancies in 2007. In Indiana, an opposite trend took place - there were 11,378 teen pregnancies in 2002 and 11,683 in 2007.
- Jefferson County reported 72 newly diagnosed cases of Chlamydia in 2008, an increase from the 69 reported in 2007, but a decrease from the 75 reported in 2006. There were 4 cases of gonorrhea and one case of syphilis reported in Jefferson County in 2008.
- 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 decreased from 2005 - 359.9 per 100,000 population to 2007 - 309.1 per 100,000 population. However, the 309.1 per 100,000 population rate in 2007 is higher than both the Indiana rate of 267.2 per 100,000 and the national rate of 190.9 per 100,000.
- The stroke death rate in Jefferson, at 53.3 per 100,000 population in 2007, was higher than the 44.5 per 100,000 population for Indiana and the 45.1 per 100,000 for the nation.

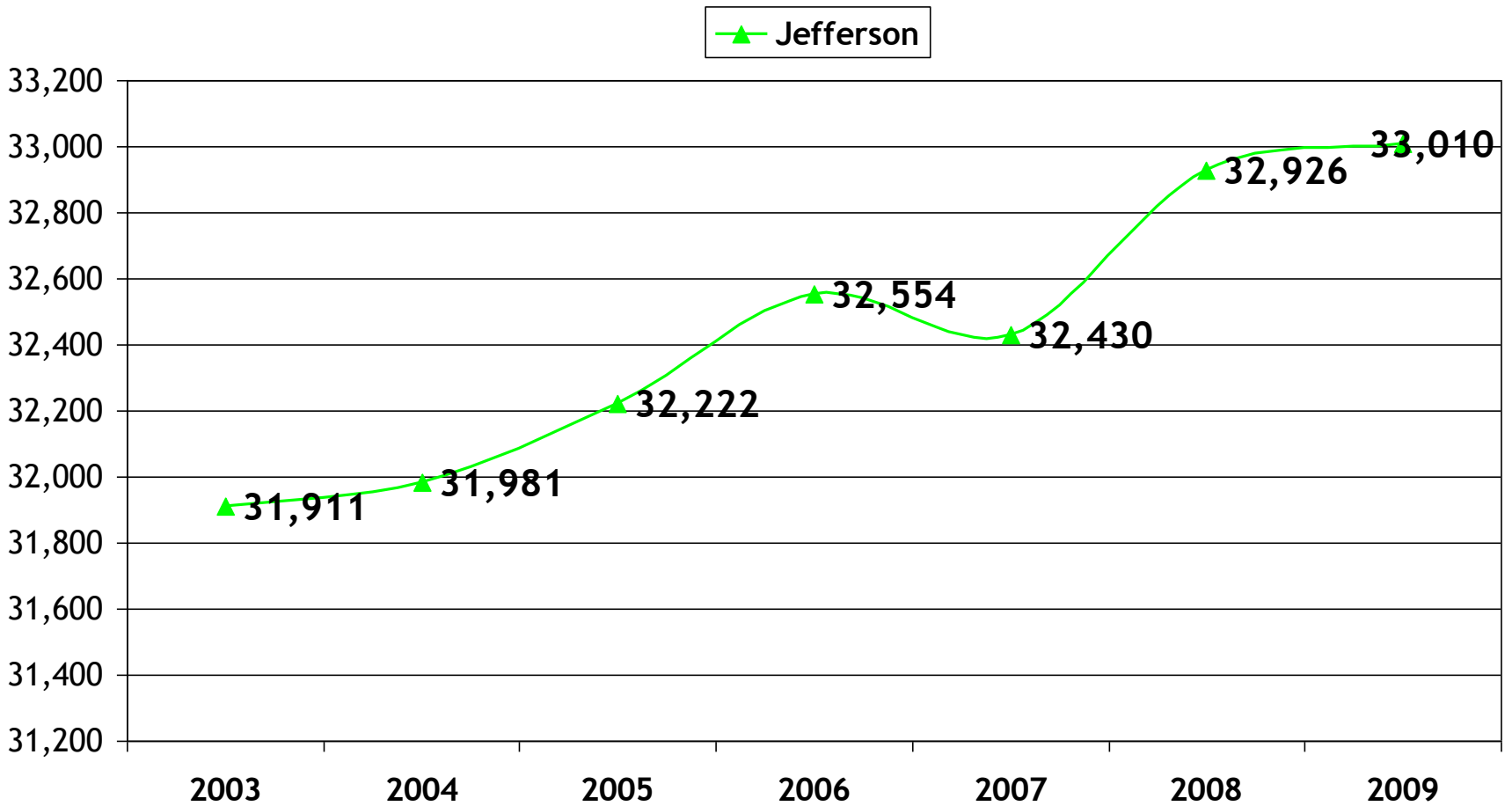
# Total Population and Geographic Data

2009 Estimation

Total Population and Geographic Data			
	Jefferson	Indiana	Nation
Total Population	33,010	6,423,113	307,006,550
Persons per sq. mi.	91	179	87
Total Housing Units	14,277	2,795,024	129,065,264
Land Area (sq. miles)	361	35,867	3,537,438
Water Area (sq. miles)	2	551	256,645

# Historical Population

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



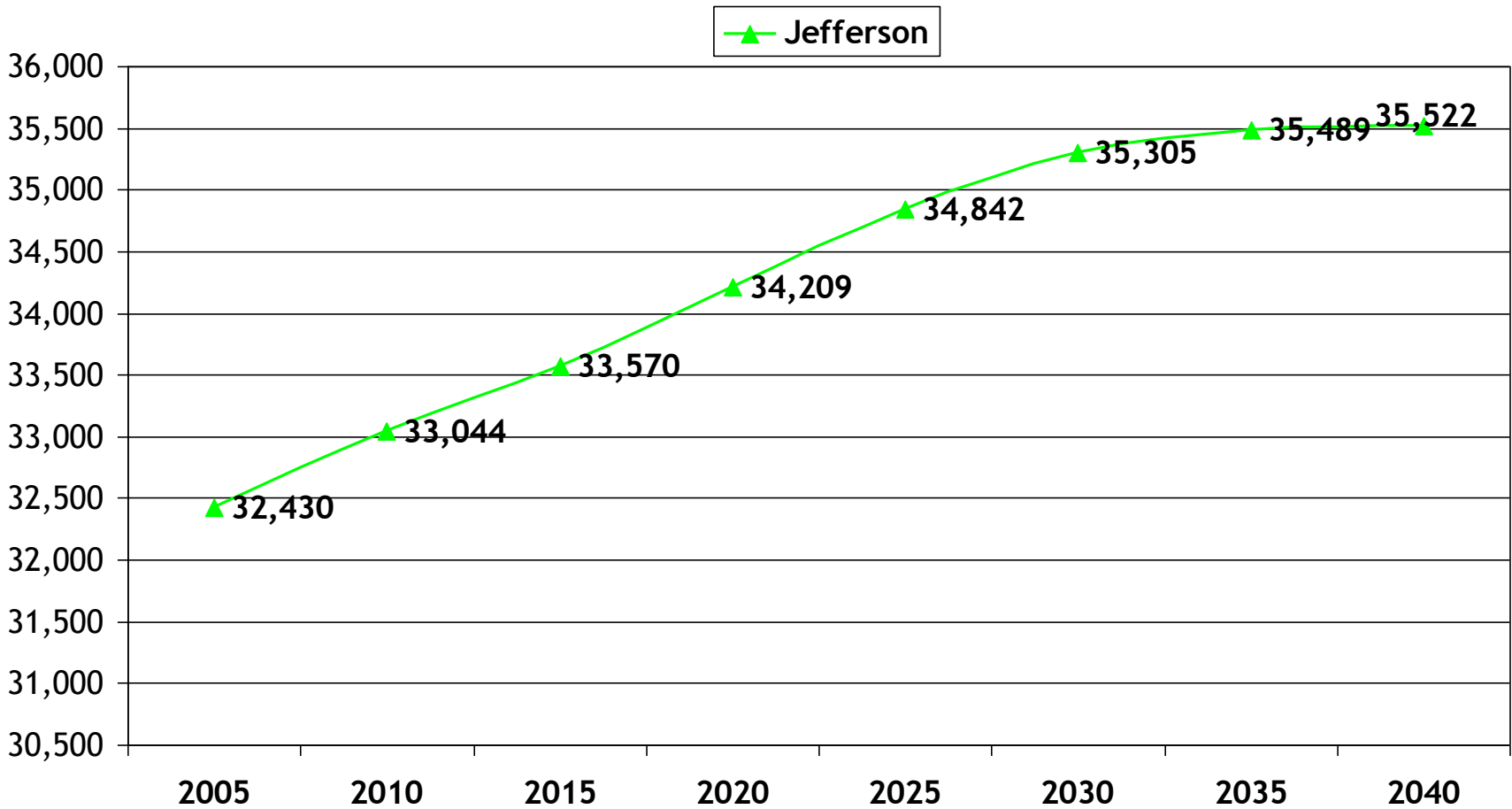
# Population Change

Estimated, July 1, 2008 - July 1, 2009

Location	Total Population Change	Natural Increase		
		Total	Births	Deaths
Indiana	0.5	32,591	88,704	56,113
Jefferson	0.3	84	377	319

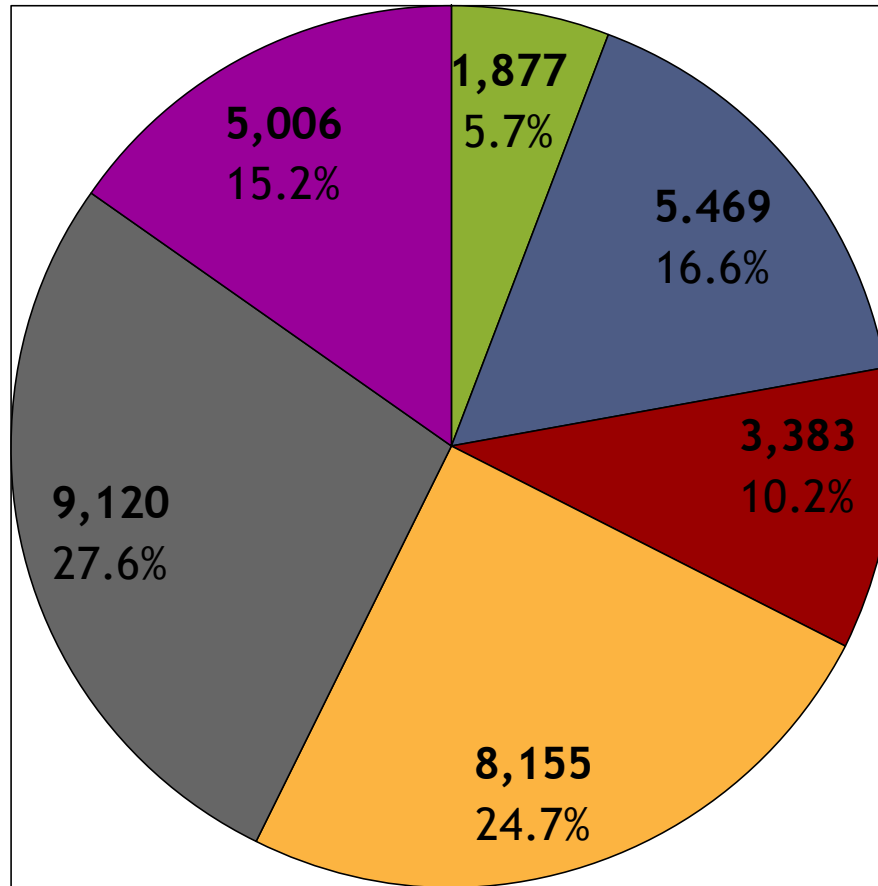
Location	Net Migration		
	Total	Net International	Net Internal
Indiana	2,389	9,194	-6,805
Jefferson	10	15	-5

# Population Projection



# Population Estimates in Age in 2009

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



Median Age:  
39.6 years

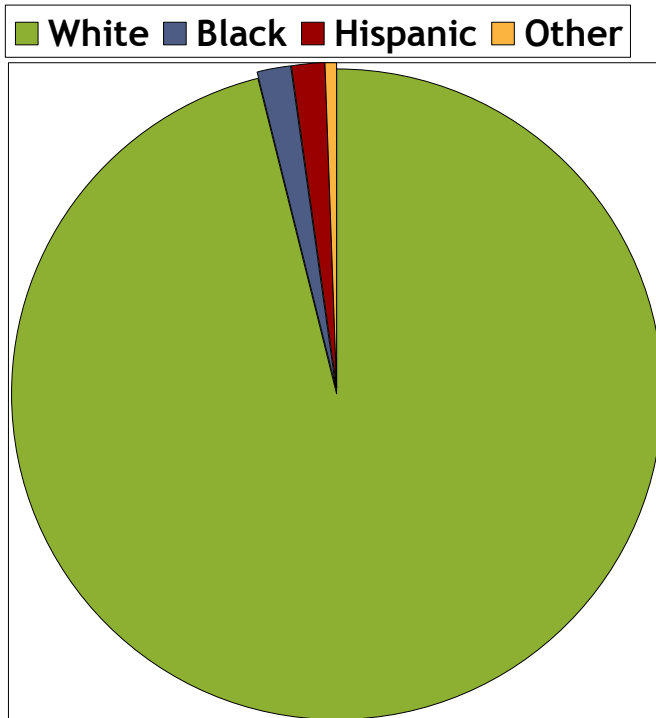
# Race / Ethnicity

2008 Estimation

Race / Ethnicity (2008)			
	Jefferson	Indiana	Nation
White	95%	83.2%	65%
Black	1.6%	9.1%	12.8%
Asian	0.7%	1.4%	4.5%
Two or More Races	1.1%	1.2%	1.7%
Hispanic origin	1.4%	5.2%	15.4

# Race

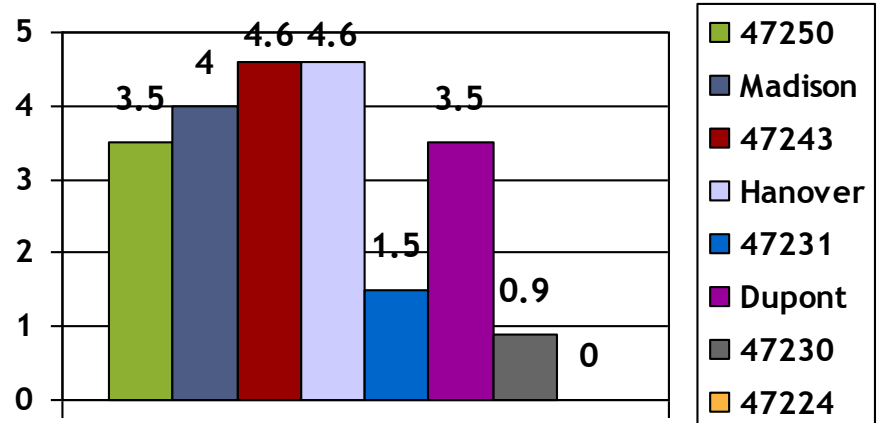
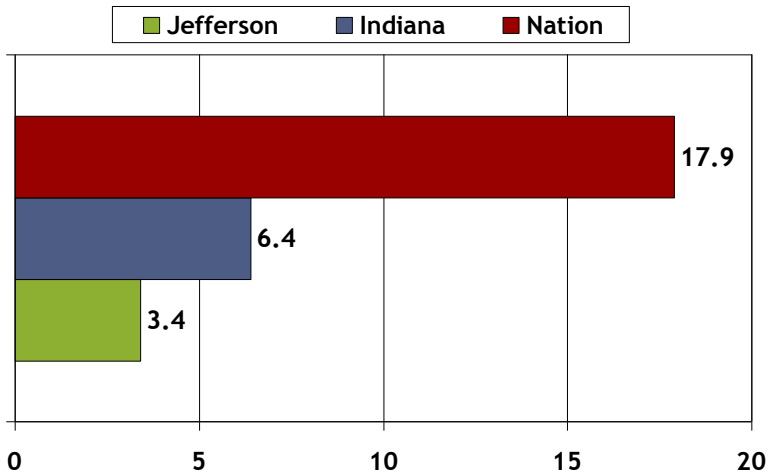
## Persons Reporting One Race Only



	Total	% of Total
Total	33,010	100 %
White	31,698	96 %
Black	599	1.8 %
Hispanic	560	1.7%
Other	153	0.5%

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

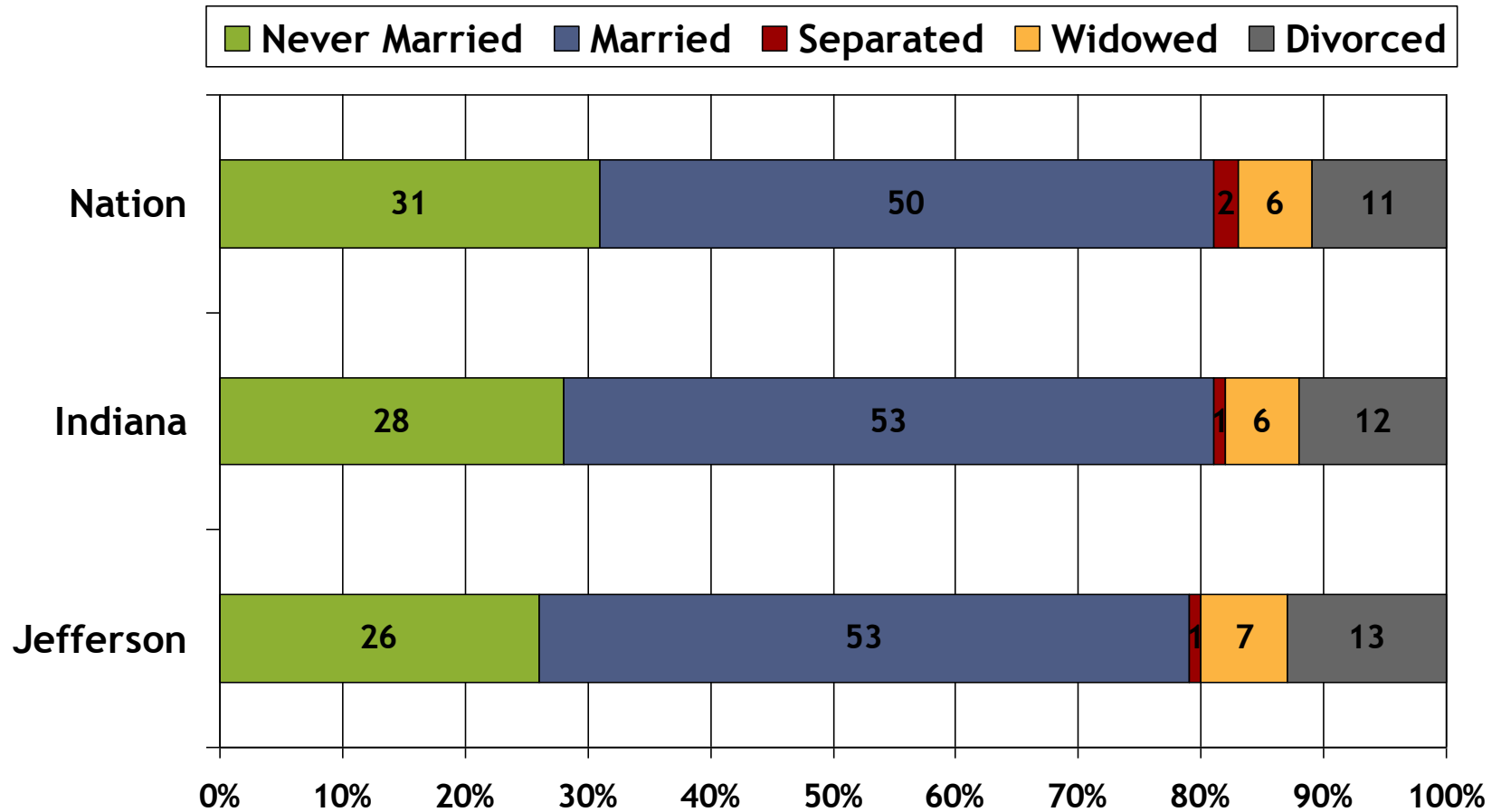
# Speak a Language other than English in the Household



Total	
Nation	46,951,595
Indiana	362,082
Jefferson	1,006

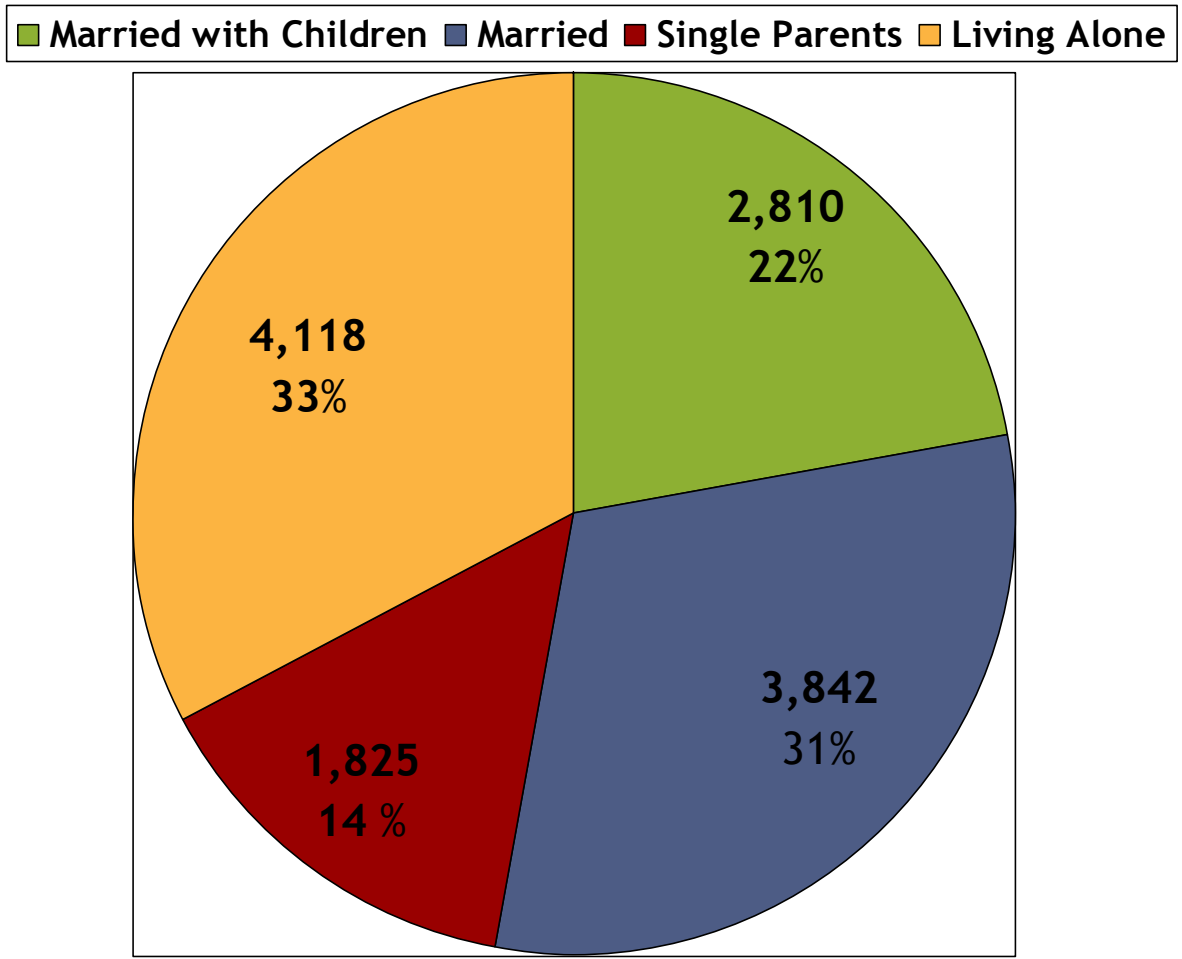
	Total
47250	684
Madison	458
47243	259
Hanover	122
47231	16
Dupont	12
47230	15
47224	0

# Marital Statistics



# Household Types

Households in 2008

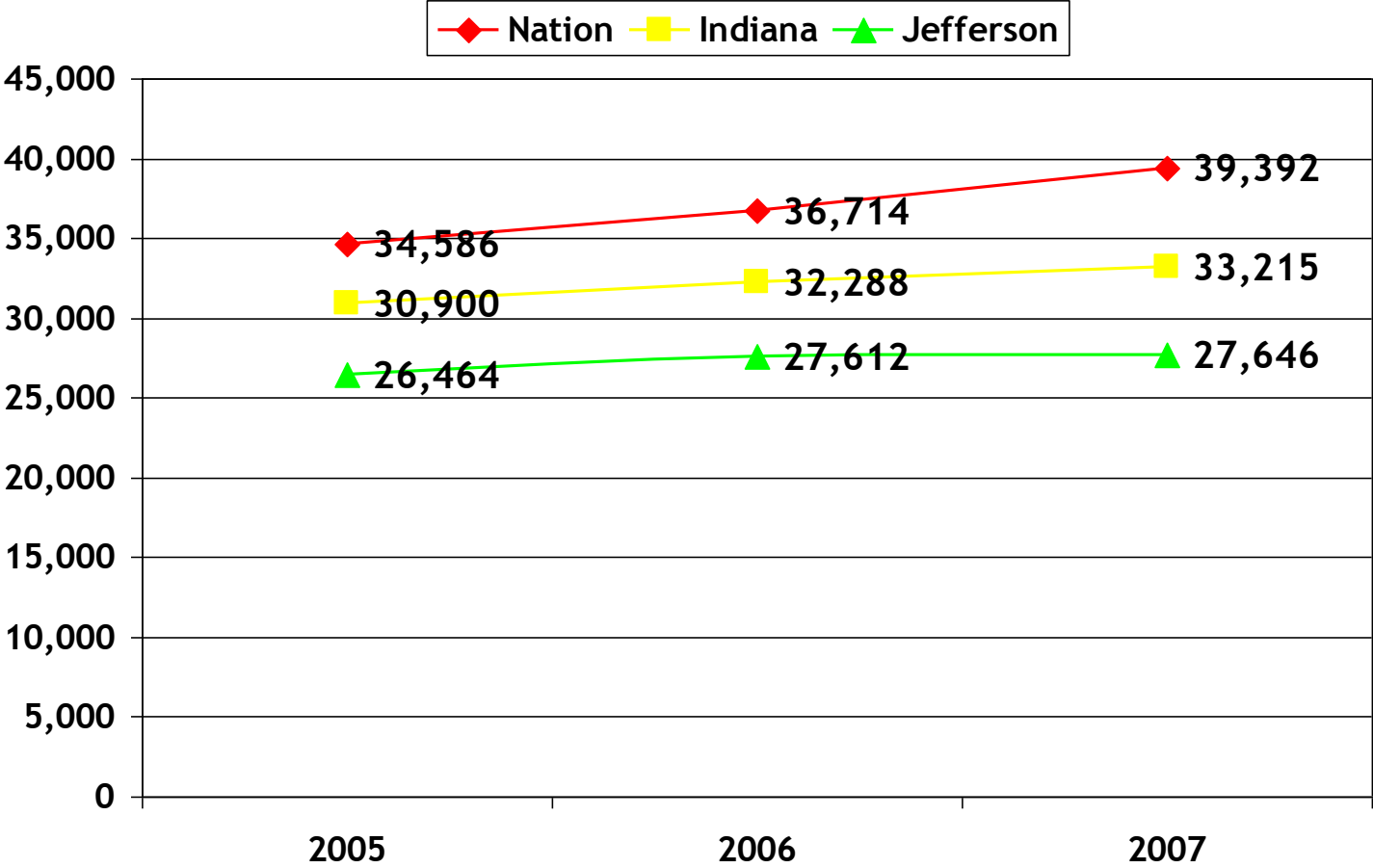


# Single Parent Families

Percentage of Families with a Single Parent	
Nation	33.8
Indiana	32.4
Jefferson	53.9

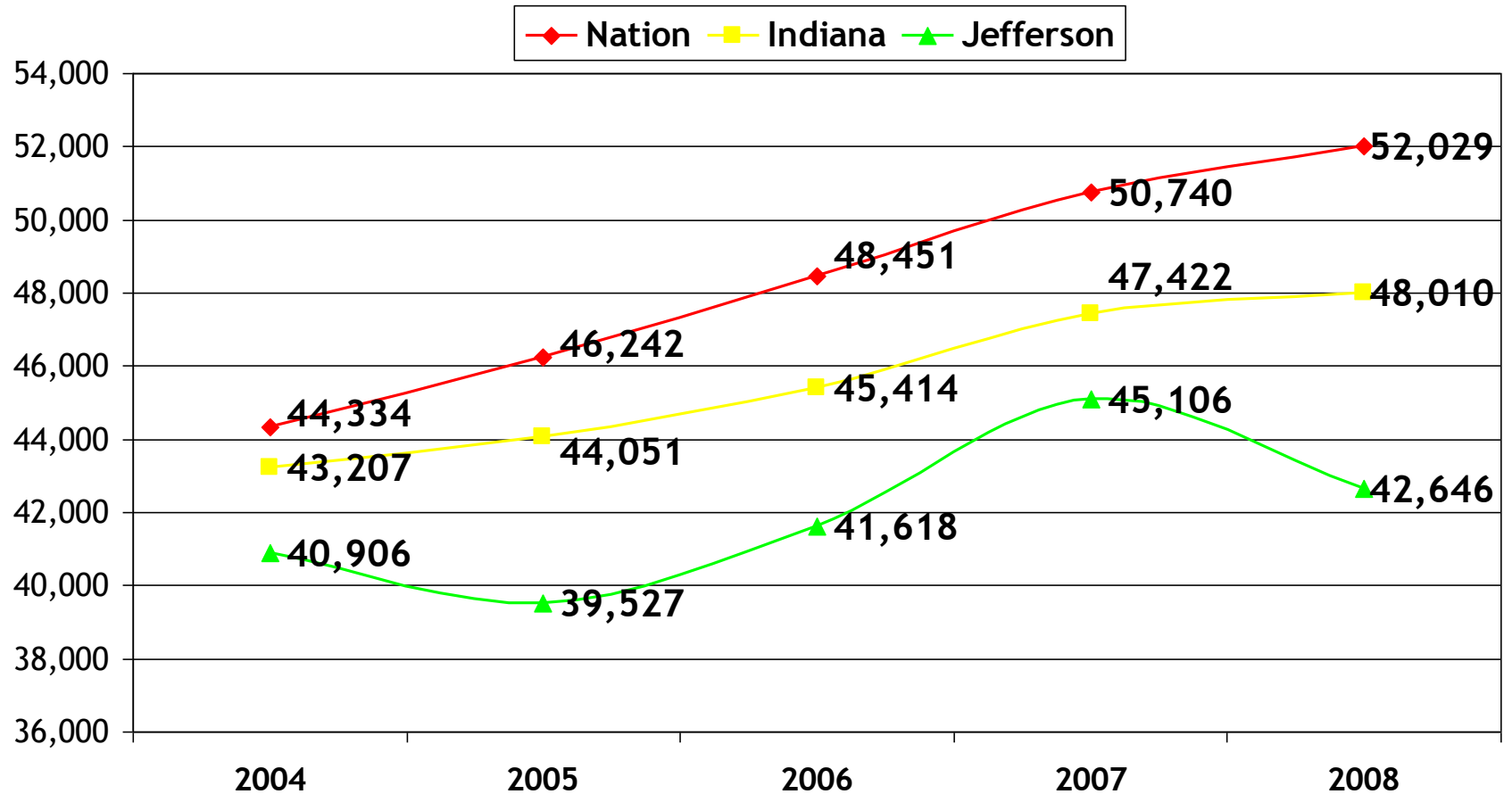
Percentage of Single Parent Families in Poverty	
Nation	30.7
Indiana	27.6
Jefferson	27.8

# Per Capita Income



# Household Income

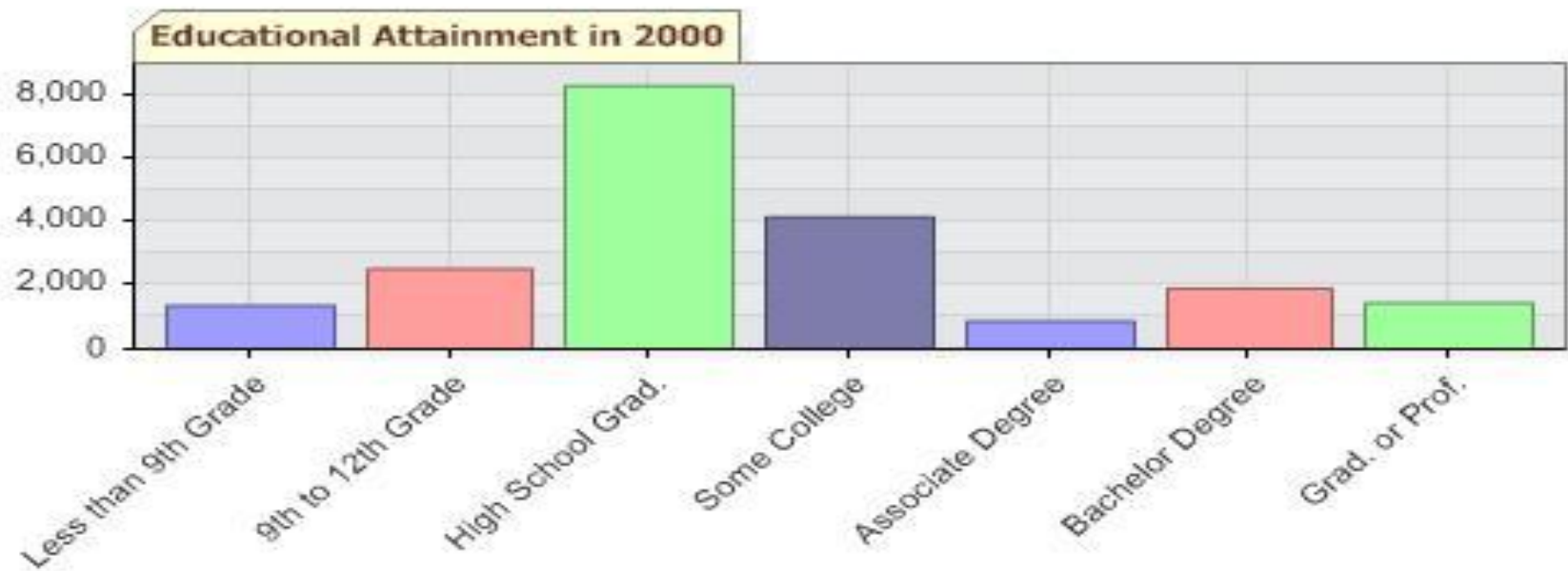
Estimated



# Poverty

Locale	Ages 5 -17 in Families below Poverty	% of Families below Poverty	Individuals below Poverty	% of Individuals below Poverty	% of Children in Poverty, Age 0-18 (2004)	% of Children in Poverty, Age 0-18 (2008)
Nation	8,549,526	16.5%	39,108,422	13.2%	No Data Available	18.2%
Indiana	176,397	15.9%	799,567	12.9%	15.7%	17.9%
Jefferson	826	15.9%	4,071	13.2%	16.3%	18%

# Educational Attainment



2007	Percentage of Adults 25+ with Less than a High School Diploma
Nation	14.5
Indiana	13.6
Jefferson	17.4

# 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

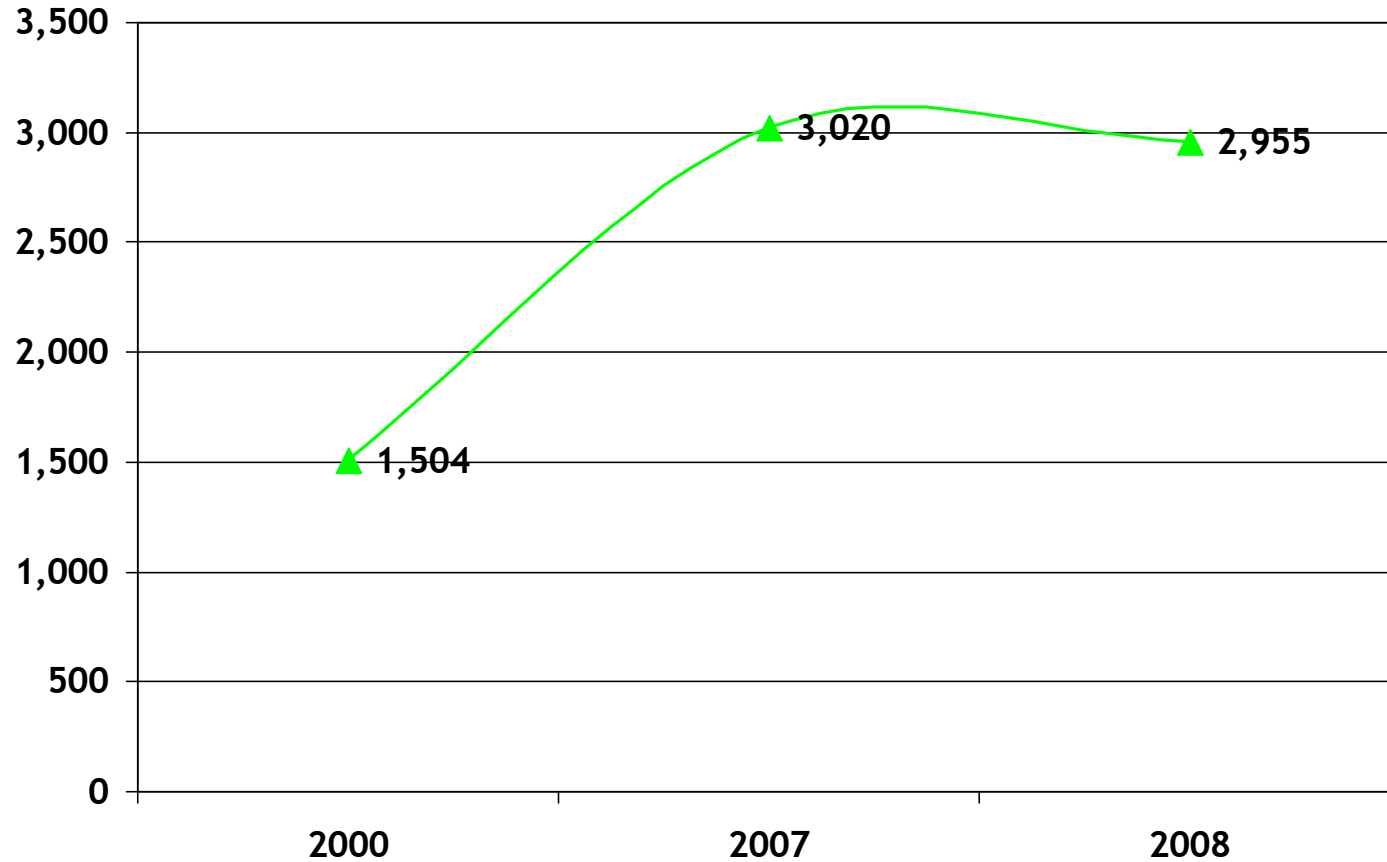
# Source of Health Insurance

As a percentage

Based on Inpatient Records of Resident Citizens - 2009

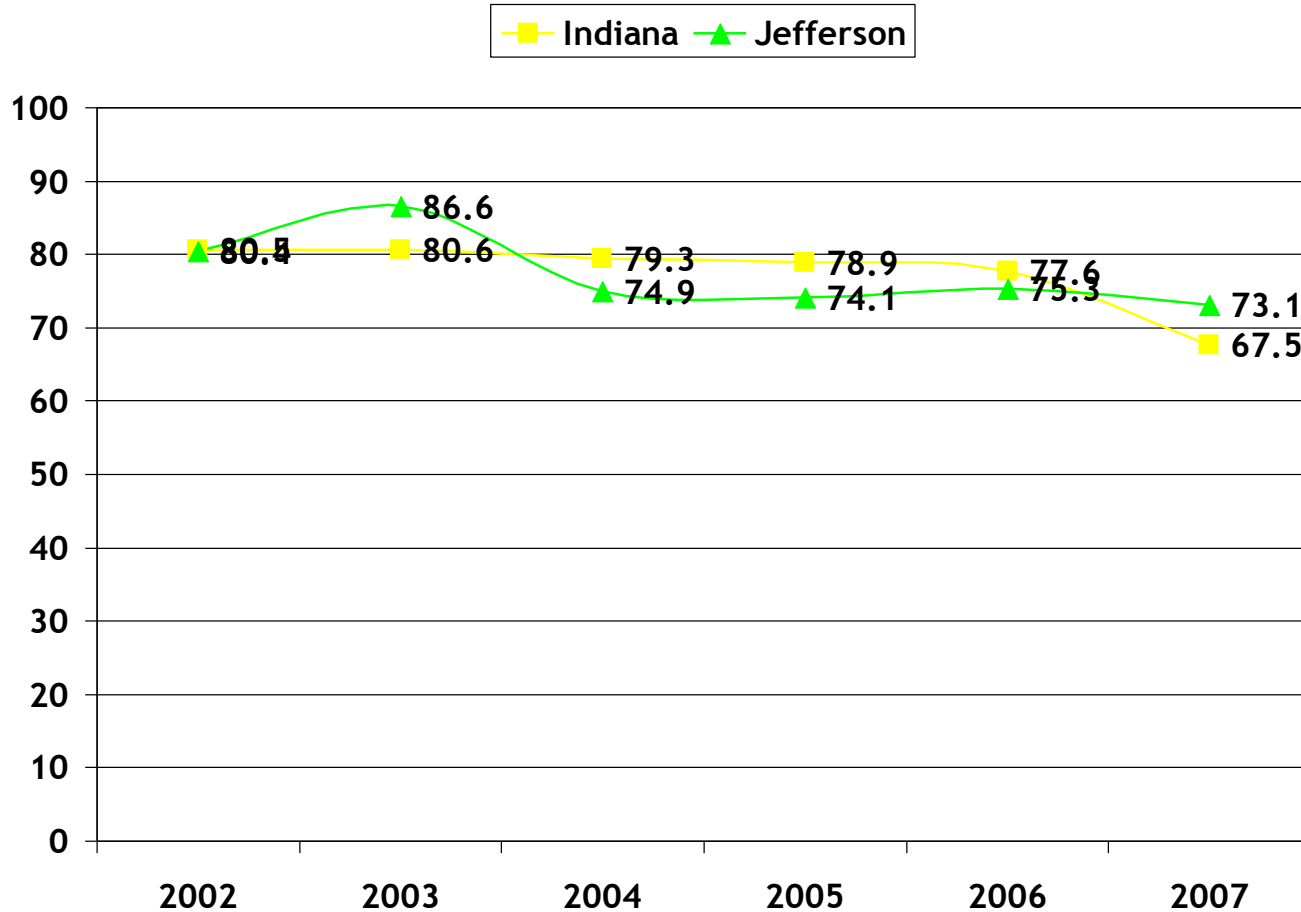
Type of Payment	Indiana	Jefferson
Commercial Insurance	45.8	28.7
Medicaid	5.6	14.8
Medicare	37.5	48.1
Self Pay	4.0	6.0
Other Government	1.3	1.0
Other/Unknown	5.8	1.4

# Children Enrolled in Hoosier Healthwise



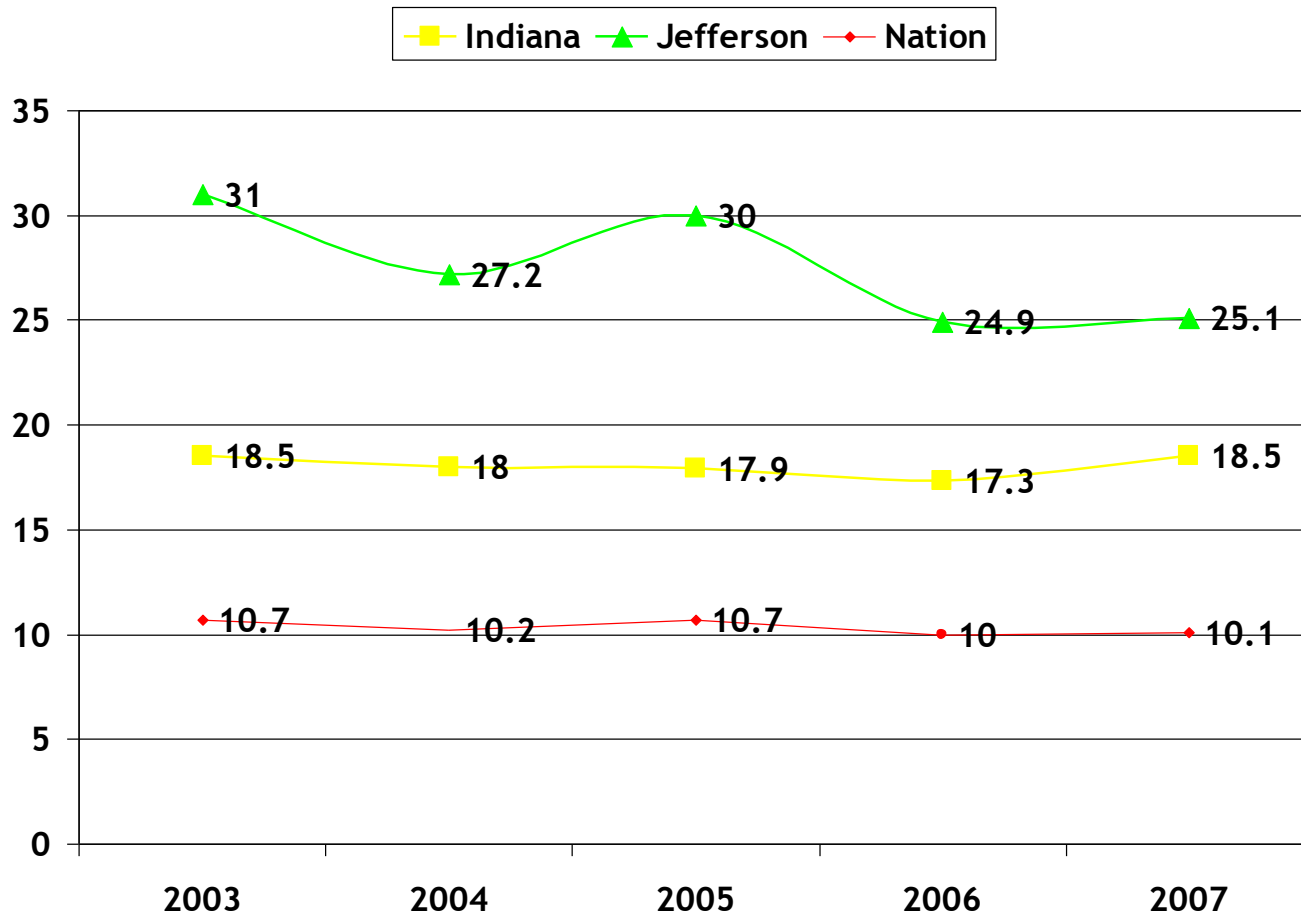
# Began PNC in 1<sup>st</sup> Trimester

As a percentage



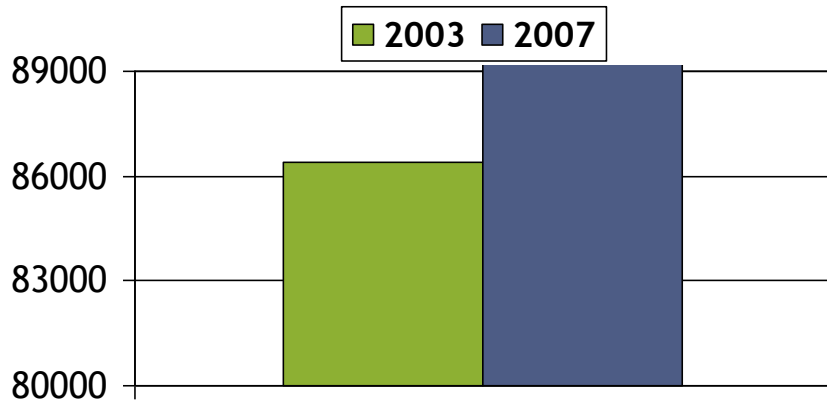
# Smoking during Pregnancy

As a percentage



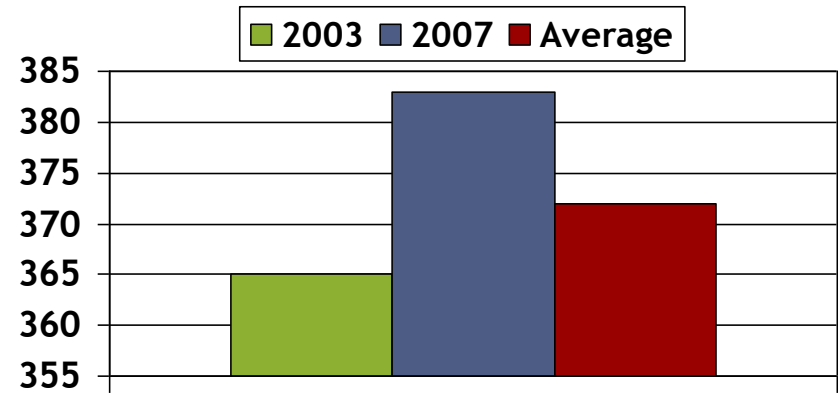
# Live Births

## Indiana



2003	2007
86,382	89,719

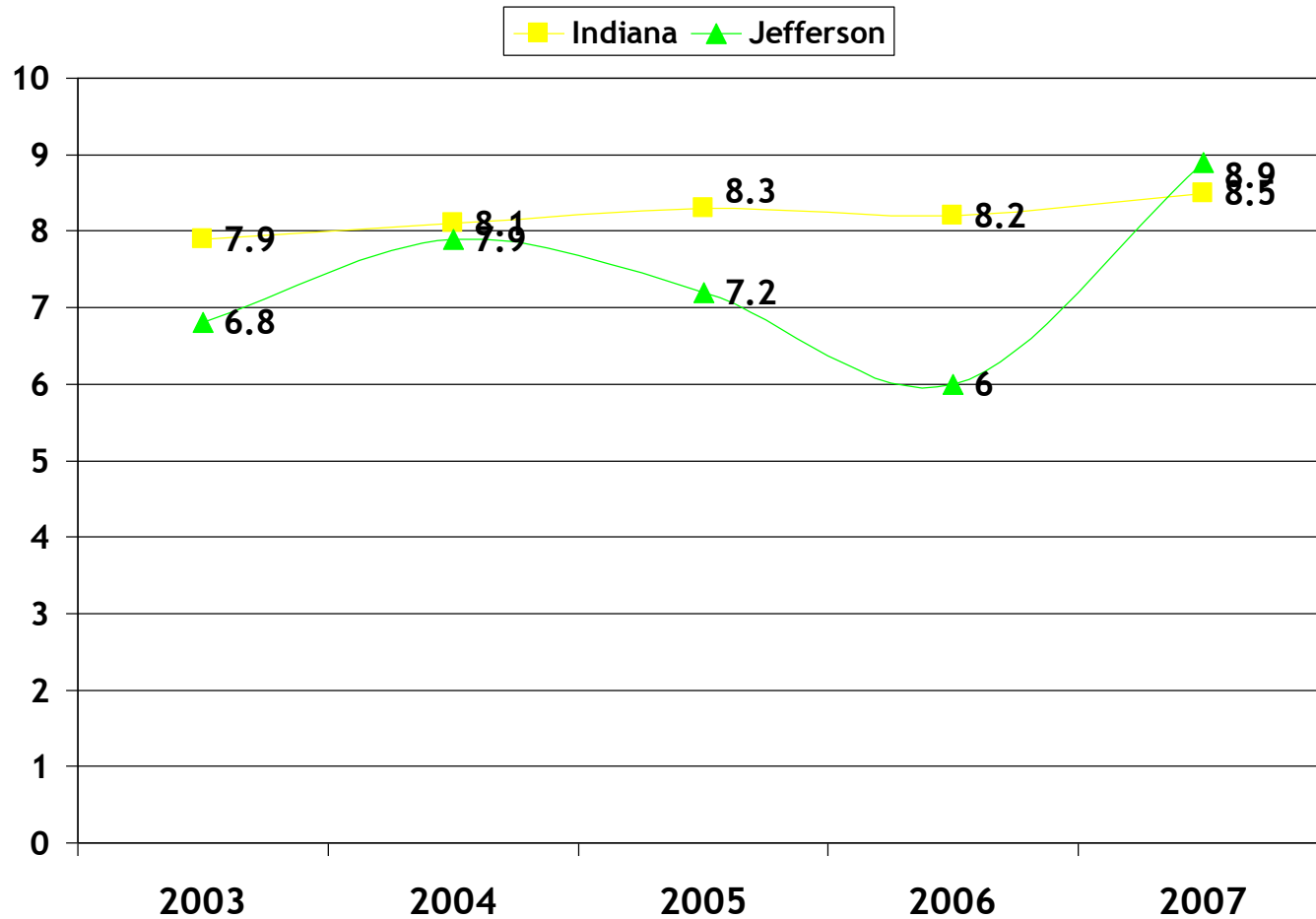
## Jefferson



2003	2007	Avg. 2003-2007
365	383	372

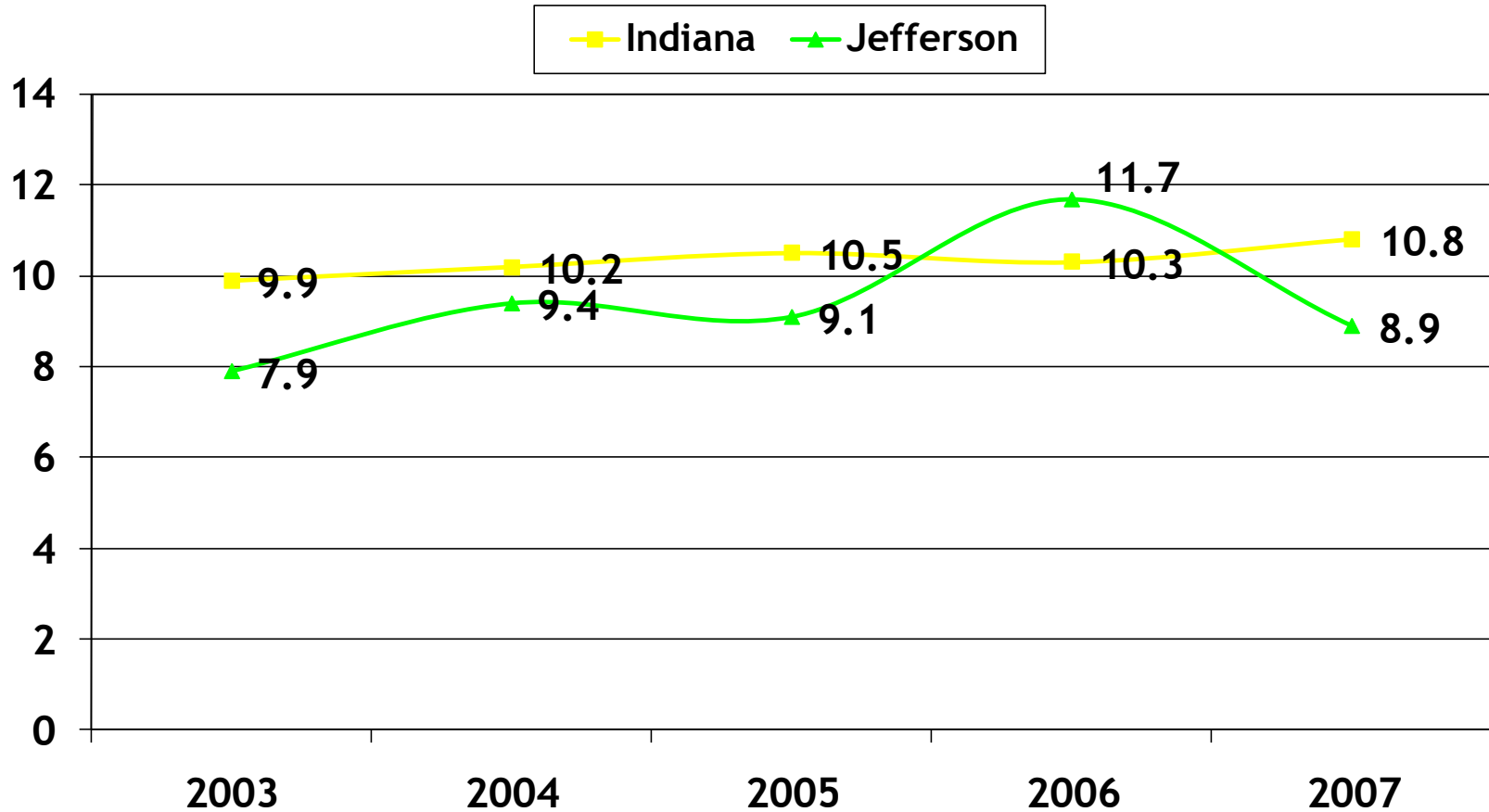
# Low Birth Weight

As a percentage



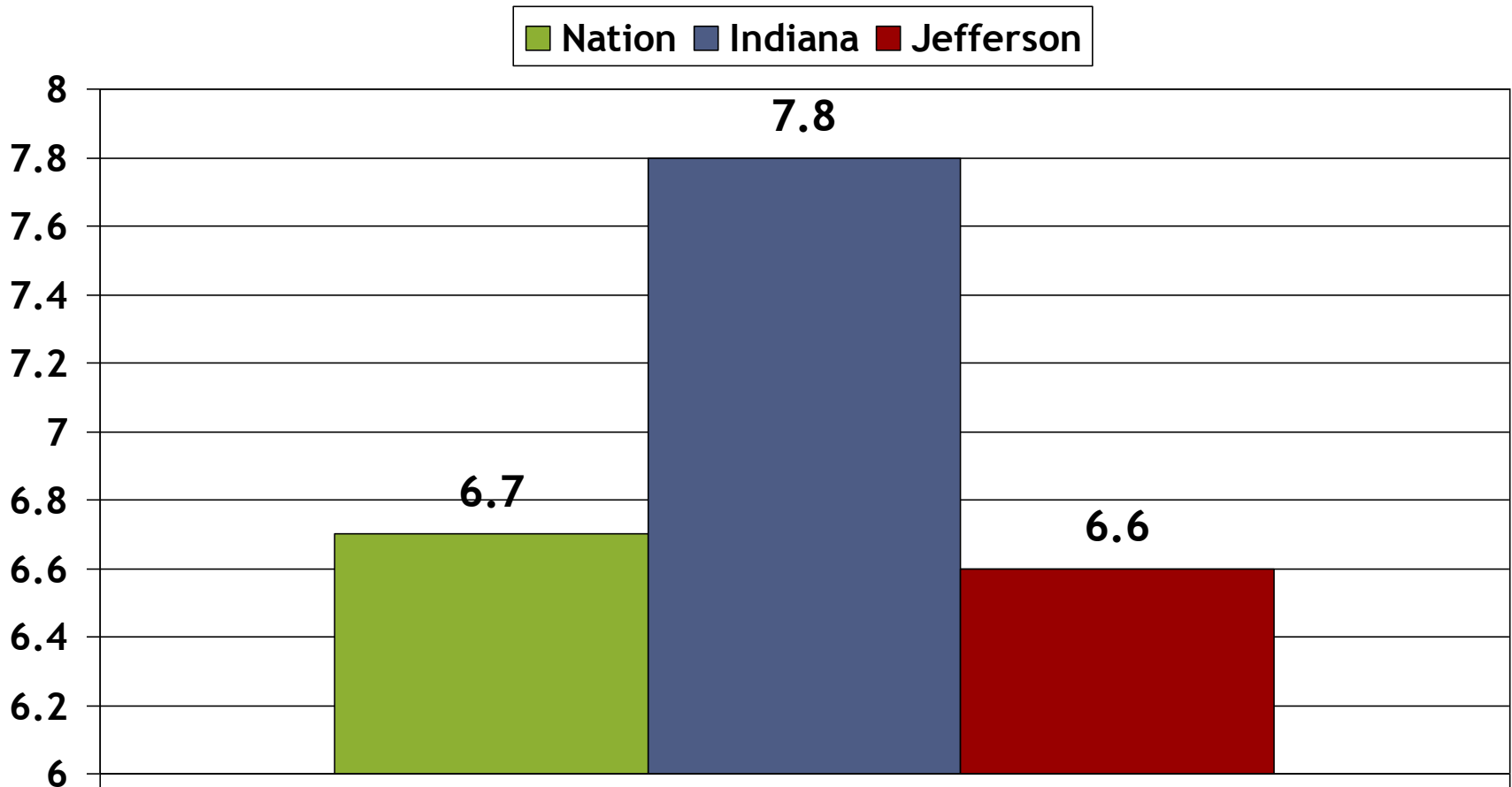
# Preterm Births

As a percentage

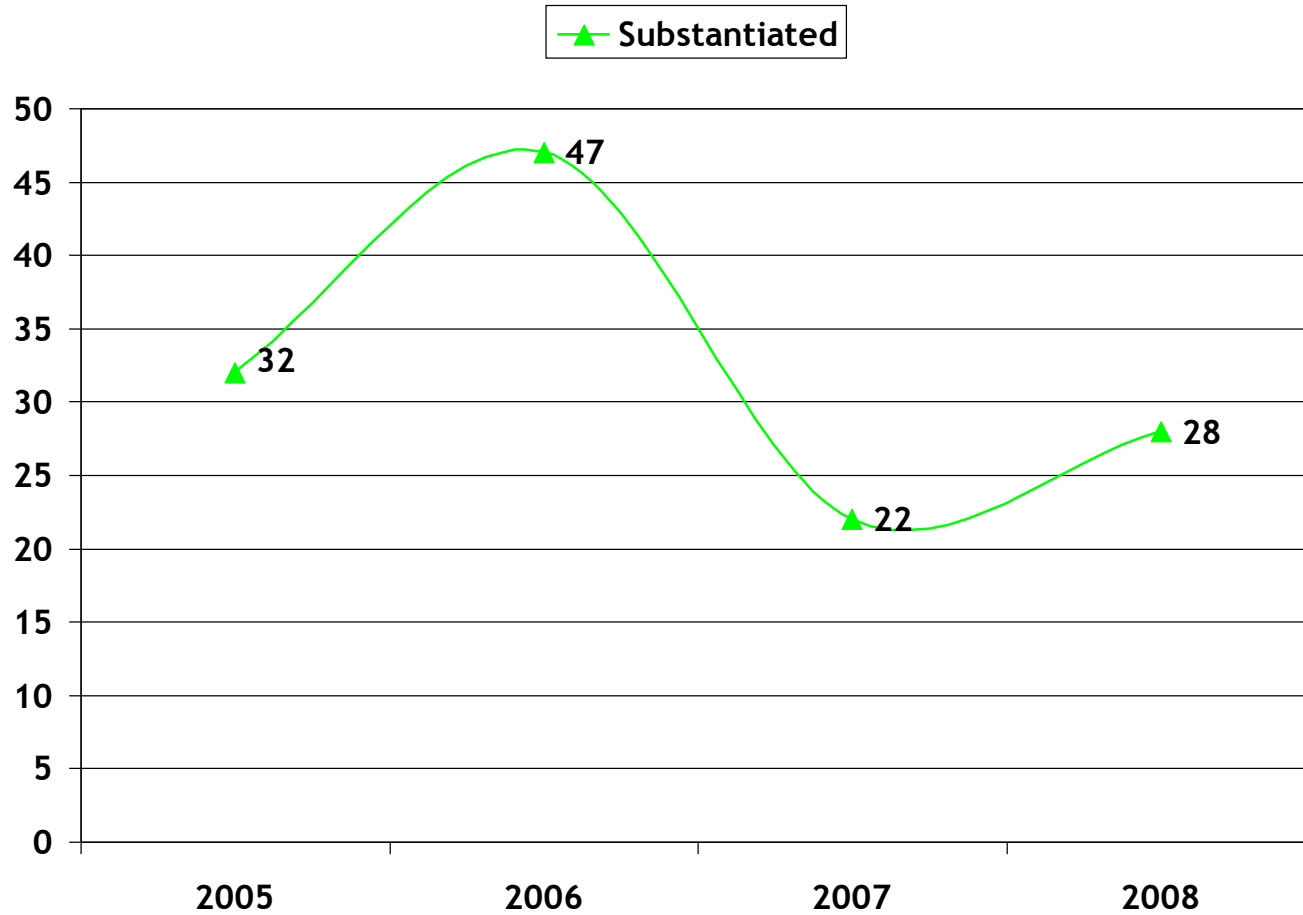


# Infant Mortality Rate

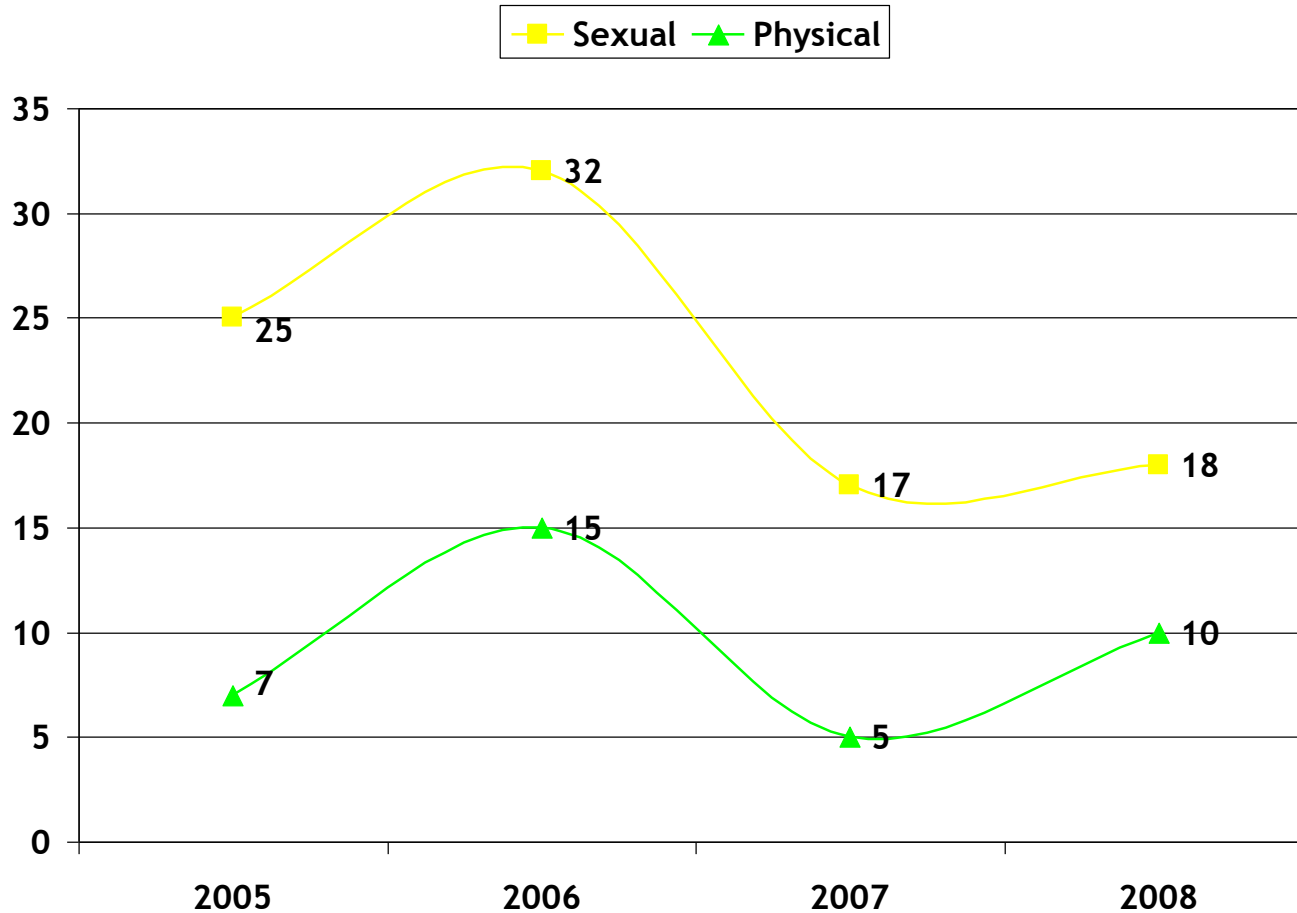
Per 1,000 live births, Average between 2003 to 2007



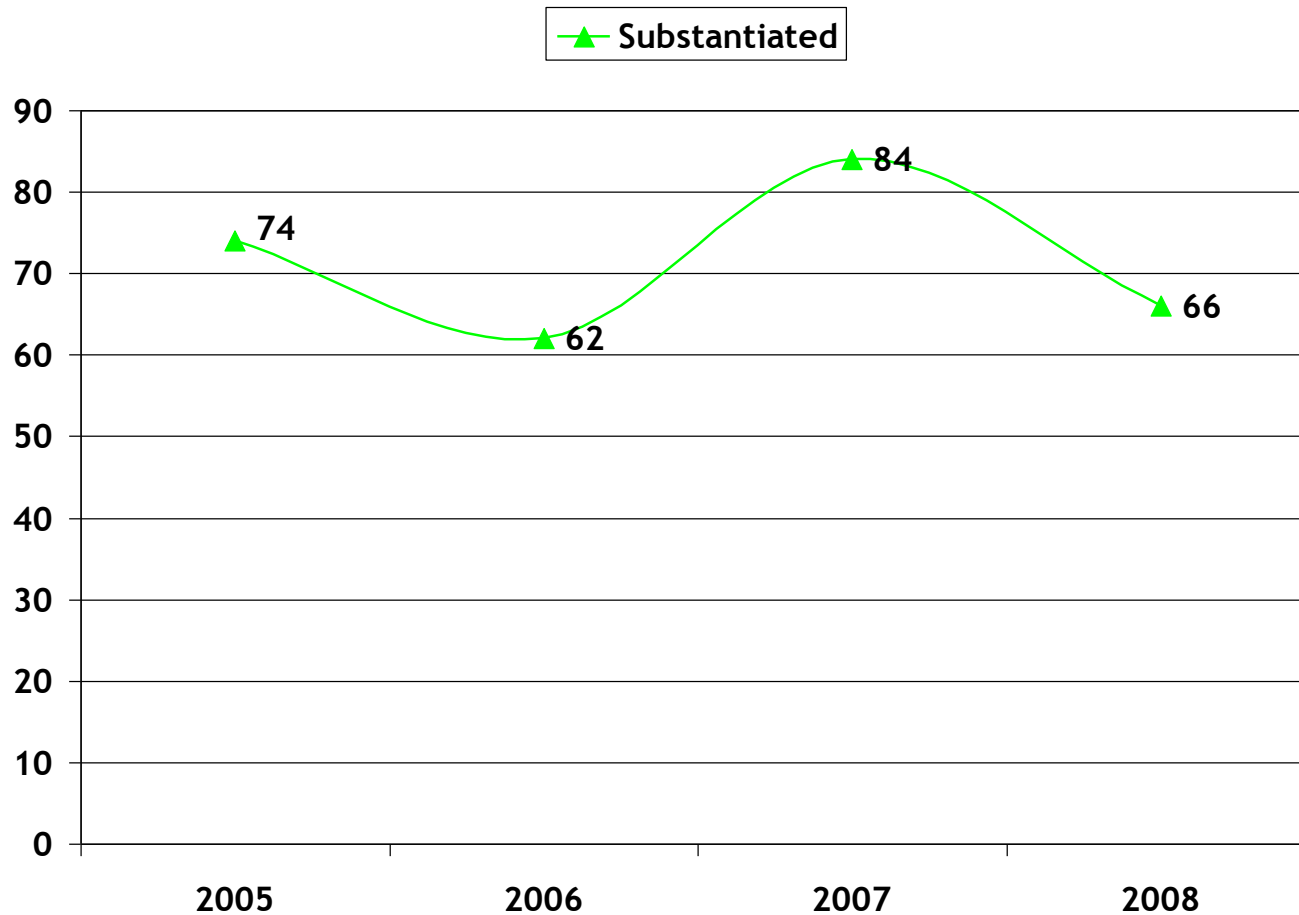
# Child Abuse Cases



# Specific Child Abuse Cases



# Child Neglect Cases

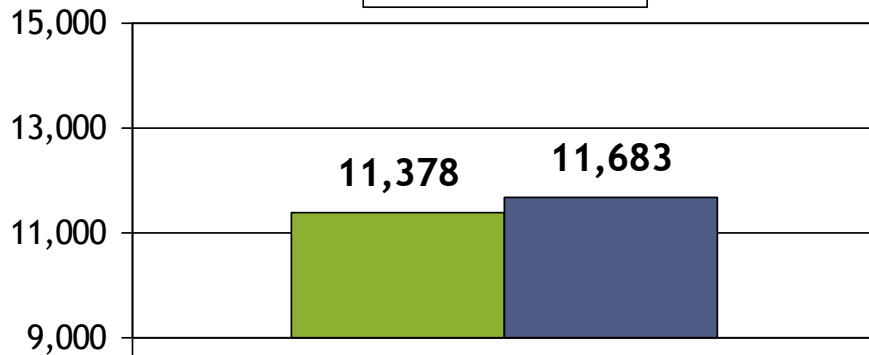


# Teen Pregnancies

Teens ages 15 - 19 years old

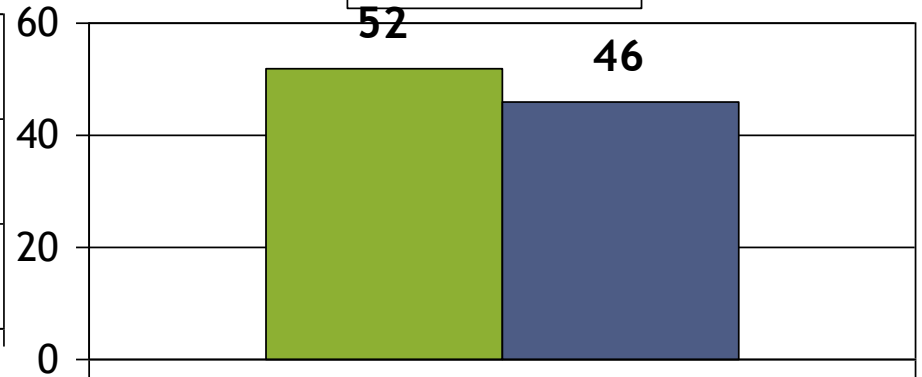
### Indiana

2002 2007



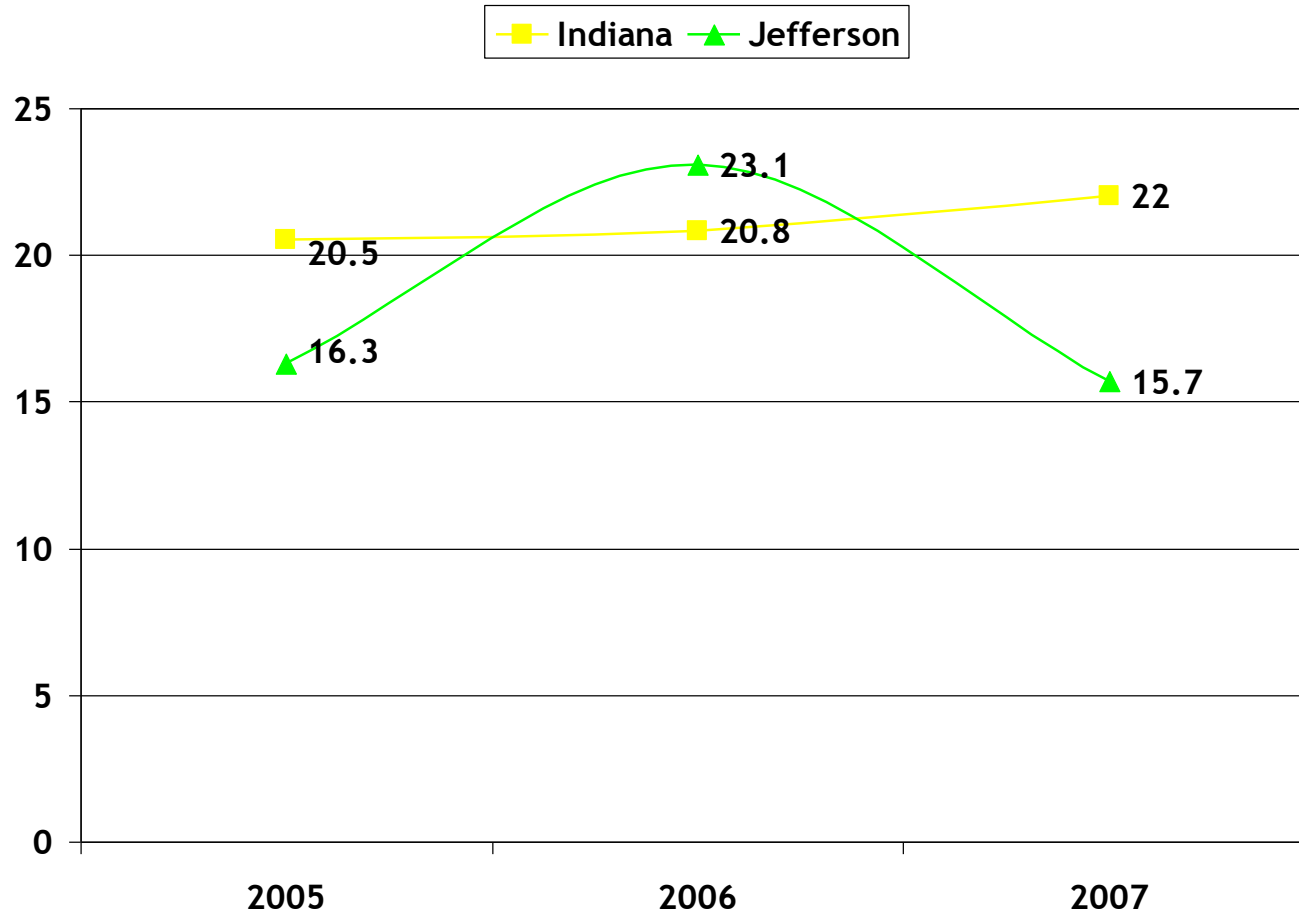
### Jefferson

2002 2007



# Teen Birth Rate

Per 1,000 Females Age 15-17



# Infectious Diseases

## Hepatitis C

2008

- Indiana
  - Total Cases: 7,066
- Jefferson County:
  - Total Cases: 28

## Pertussis

- Indiana
  - Total Cases: 271
- Jefferson County
  - Less than 5 cases

# Pneumonia / Influenza Deaths

Rate per 100,000 population

	2007	2006	2005
Nation	17.5	18.8	21.3
Indiana	16.04	16.95	20.06
Jefferson	23.67	16.69	11.1

# Sexually Transmitted Diseases

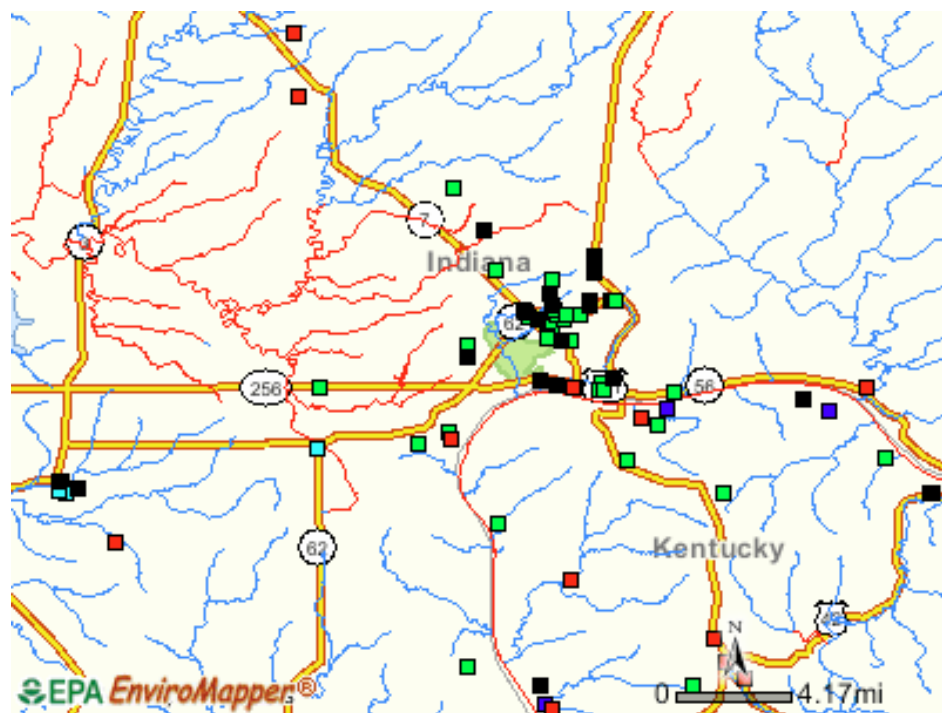
Newly diagnosed in the calendar year

Chlamydia	2008	2007	2006
Nation	1,210,523	1,108,374	1,030,911
Indiana	21,744	20,578	20,283
Jefferson	72	69	75

Gonorrhea	2008	2007	2006
Nation	336,742	355,991	358,366
Indiana	8,489	8,788	8,951
Jefferson	4	6	17

Syphilis	2008	2007
Nation	13,510	11,466
Indiana	223	259
Jefferson	1	0

# Environmental Facts



EPA EnviroMapper®

## LEGEND

- Discharges to water
- Superfund sites
- Hazardous waste
- Toxic releases
- Air releases
- Others
- Multiple
- Streets
- Water Bodies
- Counties

## Air

Facilities that produce and release air pollutants: 13

## Toxics

Facilities that have reported toxic releases: 13

## Waste

Facilities that have reported hazardous waste activities: 65

Superfund Sites: 2

## Water

Facilities issued permits to discharge to waters: 5

Community Water Systems that serve the same people year-round: 2

Watersheds: Muscatatuck

Silver-Little KY

# Availability of Drugs

	Jefferson	Indiana
Alcohol Licenses	30	13,079
Alcohol Licenses per 1,000 persons	3.02	2
Tobacco Outlets	10	4602
Tobacco Outlets per 1,000 persons	1.01	0.72
Tobacco Outlets per 1,000 Youth (Ages 10 - 17)	9.2	6.5
Meth Lab Seizures by Any Agency	0	1,059

# Average Consumer Spending on Alcohol & Tobacco

Alcohol Spending	Nation	Indiana	Jefferson
Average Annual Alcohol Spending per Household	\$617	\$557	\$489
Above as Percentage of Median Household Income	1.2	1.1	1.1

Tobacco Spending	Nation	Indiana	Jefferson
Average Annual Tobacco Spending per Household	\$333	\$317	\$302
Above as Percentage of Median Household Income	0.64	0.62	0.65

# Adult Gambling Behavior

Percent of Adults Age 18+

Adult Gambling Behaviors			
	Jefferson	Indiana	Nation
Total Households	12,943	2,466,944	113,634,428
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	5.2	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	3,608	843
Jefferson	27	7
IN County Average	39.7	9.2

# Alcohol Related Fatalities

Percentage with Blood Alcohol Concentration (BAC) Level of 0.1 or Higher

Fatalities with BAC Level of 0.1+	
Nation	37
Indiana	29
Jefferson	1

# Methamphetamine Abuse

Labs Found to be Producing Methamphetamine

Average Number of  
Labs Found in  
Indiana Counties:

**14.6**

Total Number of Labs	
Indiana	1343
Jefferson	7

# Primary Care Physicians & Non-Physician Clinicians

Jefferson County

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

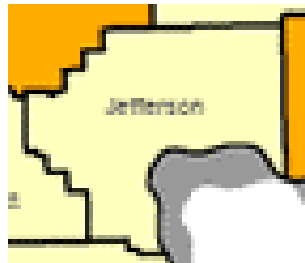
**89.4**

Indiana Average Rate:

**71.9**

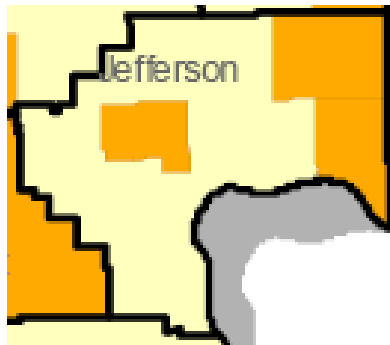
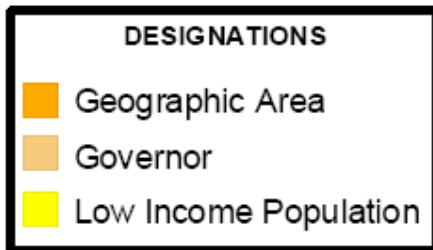
Type	Number
Family Medicine	17
General Internal Medicine	3
General Pediatric	3
Osteopathic	2
Primary Care Physician Assistants	1
Nurse Practitioners	3
<b>TOTAL</b>	<b>29</b>

# Primary Care Health Professional Shortage Areas



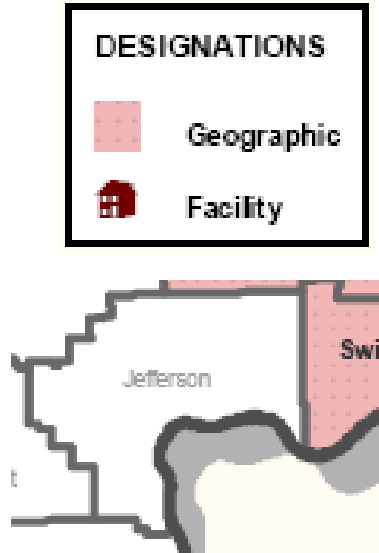
Jefferson County does not seem to have a shortage of health care professionals

# Medically Underserved Areas



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

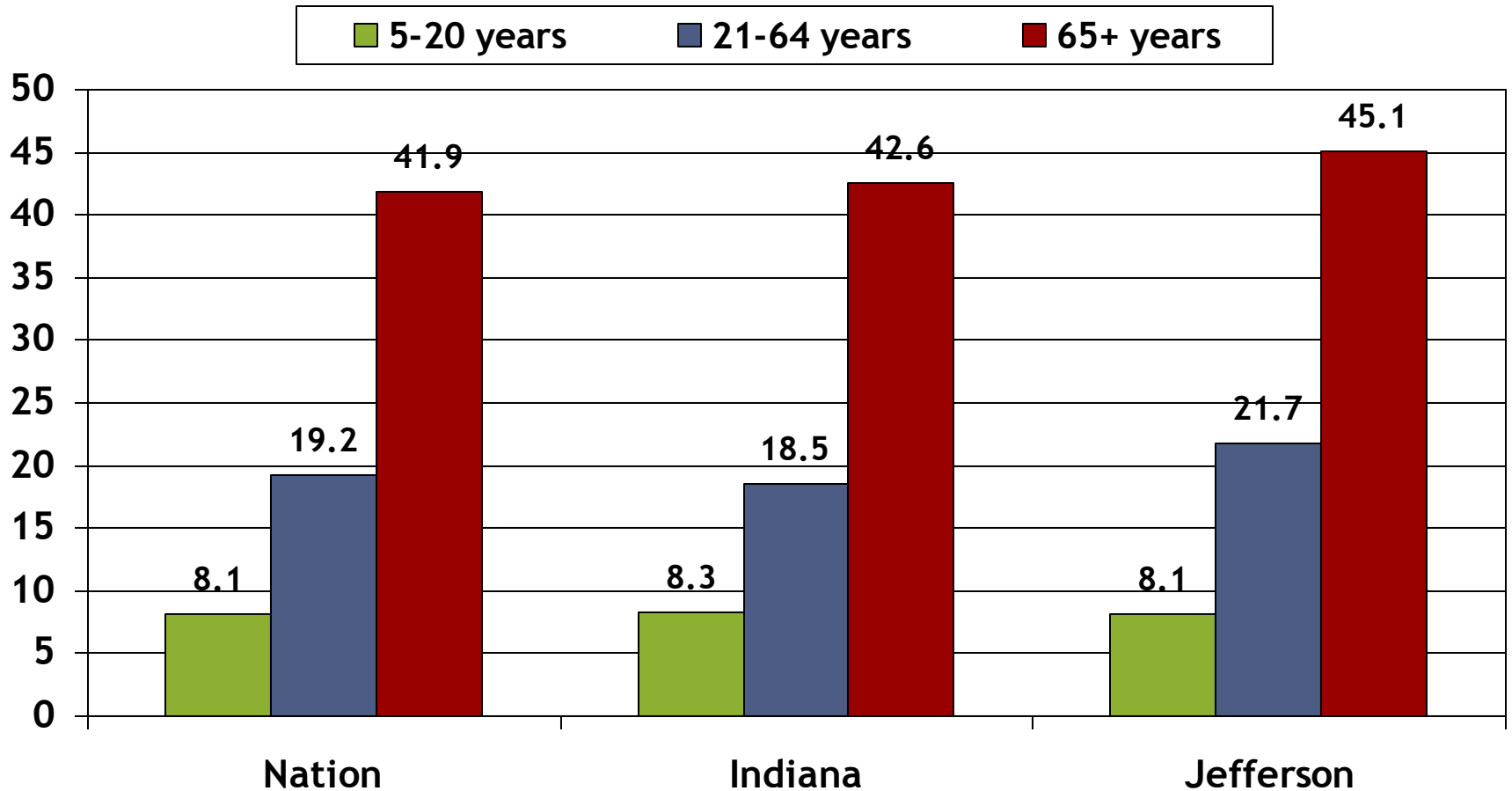
# Mental Health Professional Shortage Areas



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

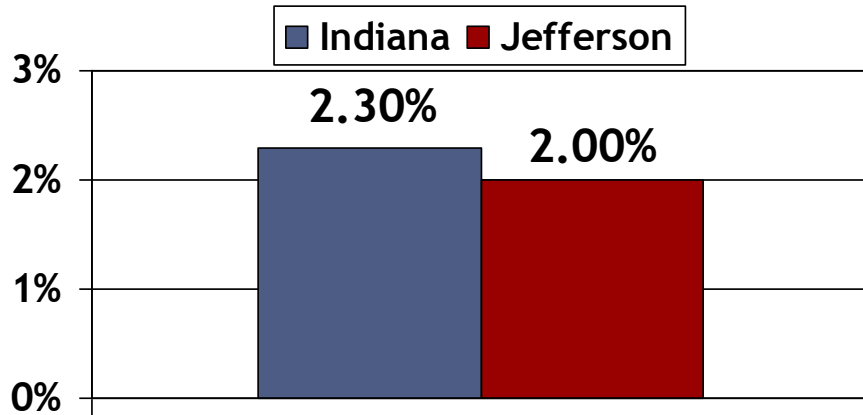
# With Disability

## Noninstitutionalized

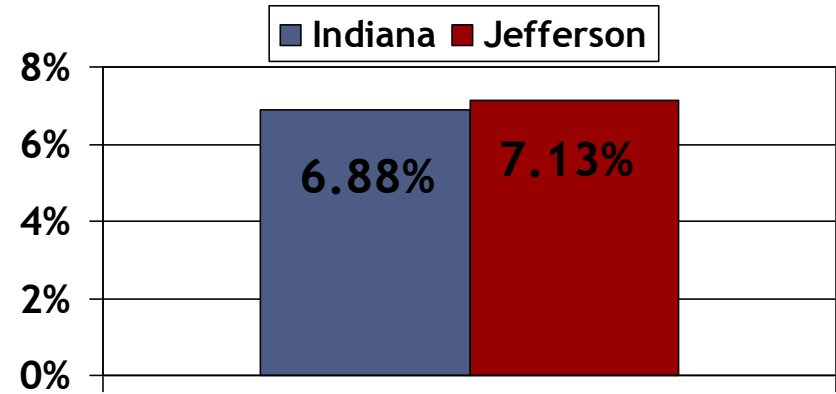


# Asthma

## Pediatric



## Adult



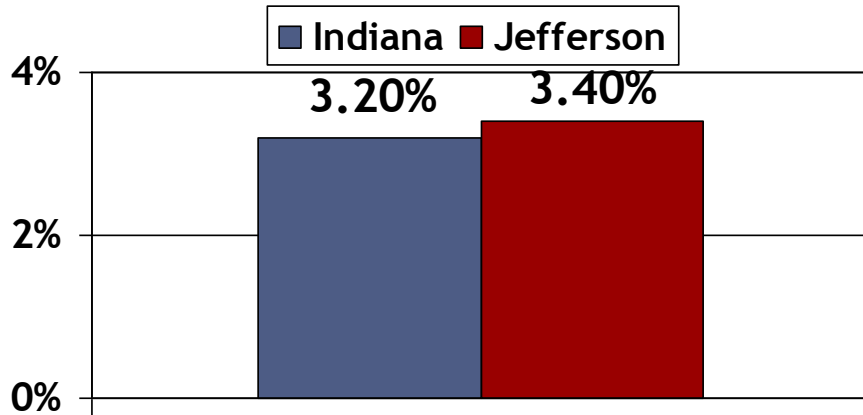
Cases	
Indiana	149,179
Jefferson	685

Cases	
Indiana	439,352
Jefferson	2,343

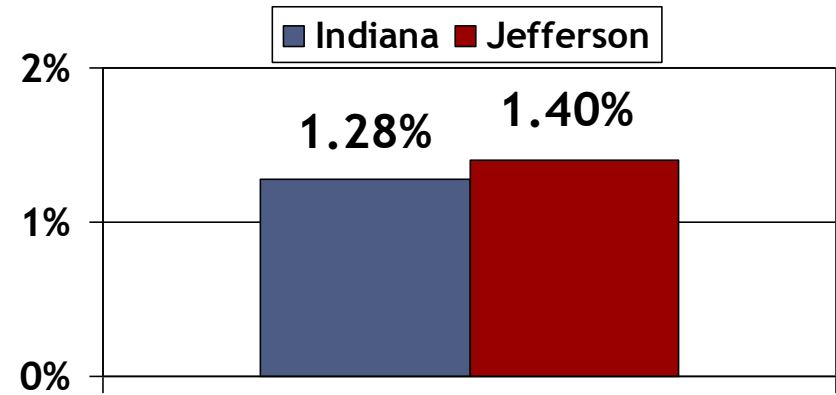
Source: American Lung Association "Estimated Prevalence and Incidence of Lung Disease" - January 2010

# Lung Diseases

## Chronic Bronchitis



## Emphysema



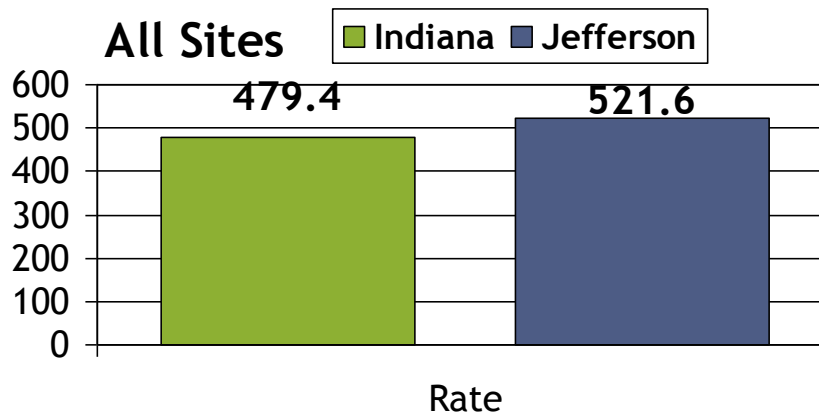
Cases	
Indiana	209,660
Jefferson	1,129

Cases	
Indiana	81,769
Jefferson	460

# Incidences of Cancer: All Sites

Counts and Rates are for the years of 2003 - 2007

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

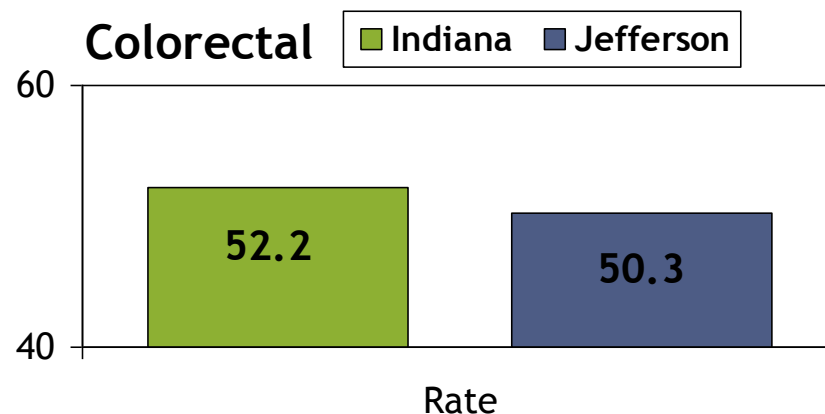
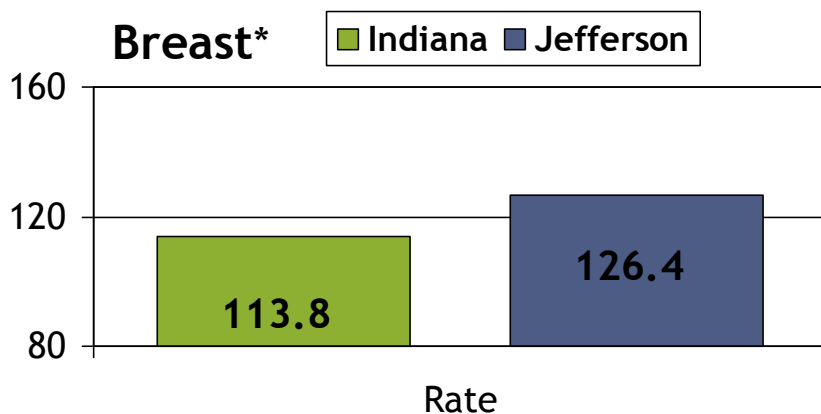


Average Annual Count	
Indiana	30,527
Jefferson	185

# Incidences of Cancer: Breast & Colorectal

Counts and Rates are for the years of 2003 - 2007

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



Average Annual Count	
Indiana	3,952
Jefferson	24

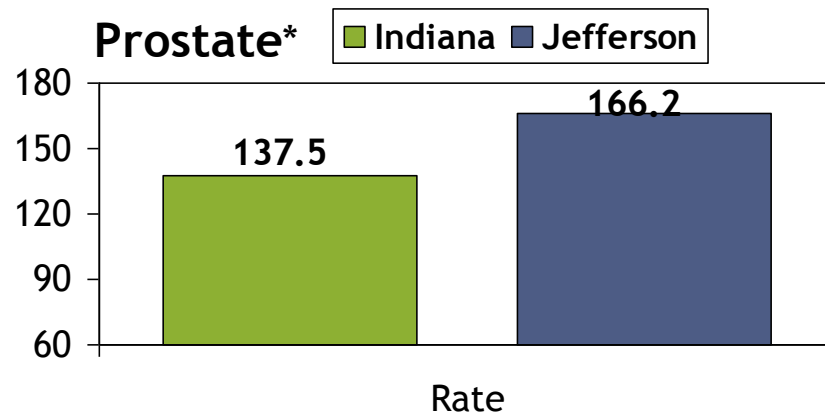
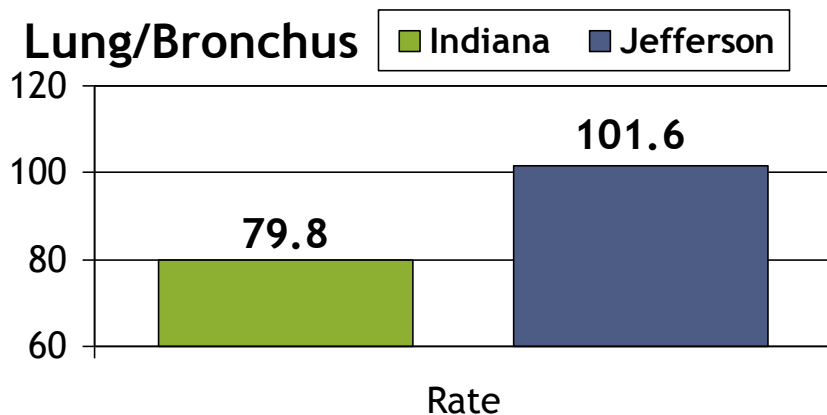
Average Annual Count	
Indiana	3,325
Jefferson	18

\* Only calculated for females

# Incidences of Cancer: Lung/Bronchus & Prostate

Counts and Rates are for the years of 2003 - 2007

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



Average Annual Count	
Indiana	5,044
Jefferson	37

Average Annual Count	
Indiana	3,859
Jefferson	28

\* 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	2007	2006	2005
Nation	11.3	10.9	11.0
Indiana	12.4	12.8	11.7
Jefferson	10.7	22.6	25.4

Alzheimer's Death Rate	2007	2006
Nation	22.7	22.6
Indiana	24.1	25.1
Jefferson	23.2	19.2

# Causes of Death

Locale	Heart Disease	Diabetes	Cancer	Pneumonia / Flu
Indiana	18,020	1,564	12,750	1,095
Jefferson	117	7	79	9

Locale	Suicide	Homicide	Non-Motor Vehicle Accidents	Motor Vehicle Accidents
Indiana	788	372	1,515	914
Jefferson	4	1	6	7

# Diabetes Death Statistics

Rate per 100,000 population

	2007 Deaths	2007 Rate	2006 Rate
Nation	72,507	22.5	24.2
Indiana	1,564	23.4	25.7
Jefferson	7	18.7	19.1

# Heart Related Deaths

Rate per 100,000 population

Major Cardio-vascular Diseases	2007	2006	2005
Nation	190.9	211.0	220.0
Indiana	267.2	285.7	295.0
Jefferson	309.1	310.3	359.9

Ischemic Heart Disease	2007	2006	2005
Nation	n/a	142.1	n/a
Indiana	125.5	138.7	141.6
Jefferson	156.3	153.9	164.0

# Respiratory Death Rate

Rate per 100,000 population

Chronic Lower Respiratory Disease (CLRD)	2007	2006	2005
Nation	n/a	41.6	44.2
Indiana	49.1	50.6	54.0
Jefferson	60.6	68.4	49.6

# Stroke Death Rate

Rate per 100,000 population

	2007	2006	2005
Nation	45.1	45.8	48.4
Indiana	44.5	48.7	50.2
Jefferson	53.3	51.5	80.8

# Tobacco Usage

Estimated Smoking Prevalence - Adult Smokers as Percentage of Population

	2008
Nation	20.6
Indiana	23
Jefferson	30

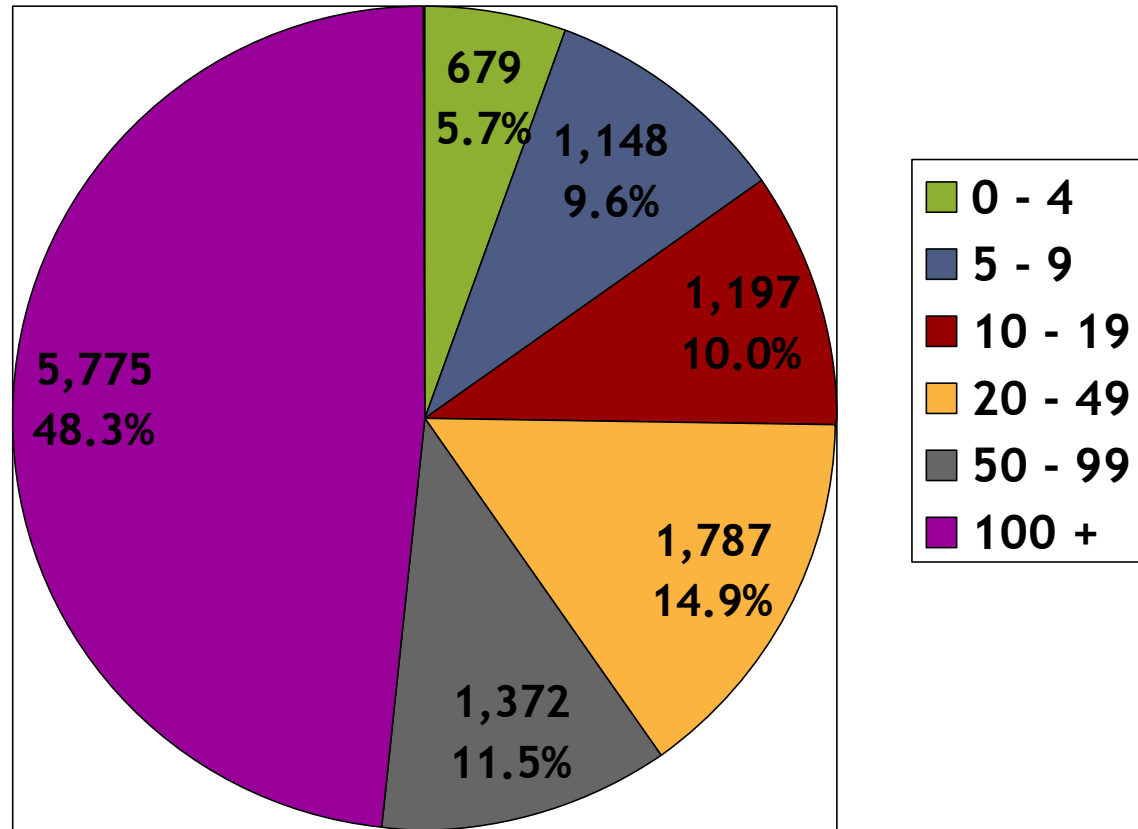
# Major Employers in Jefferson County

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	

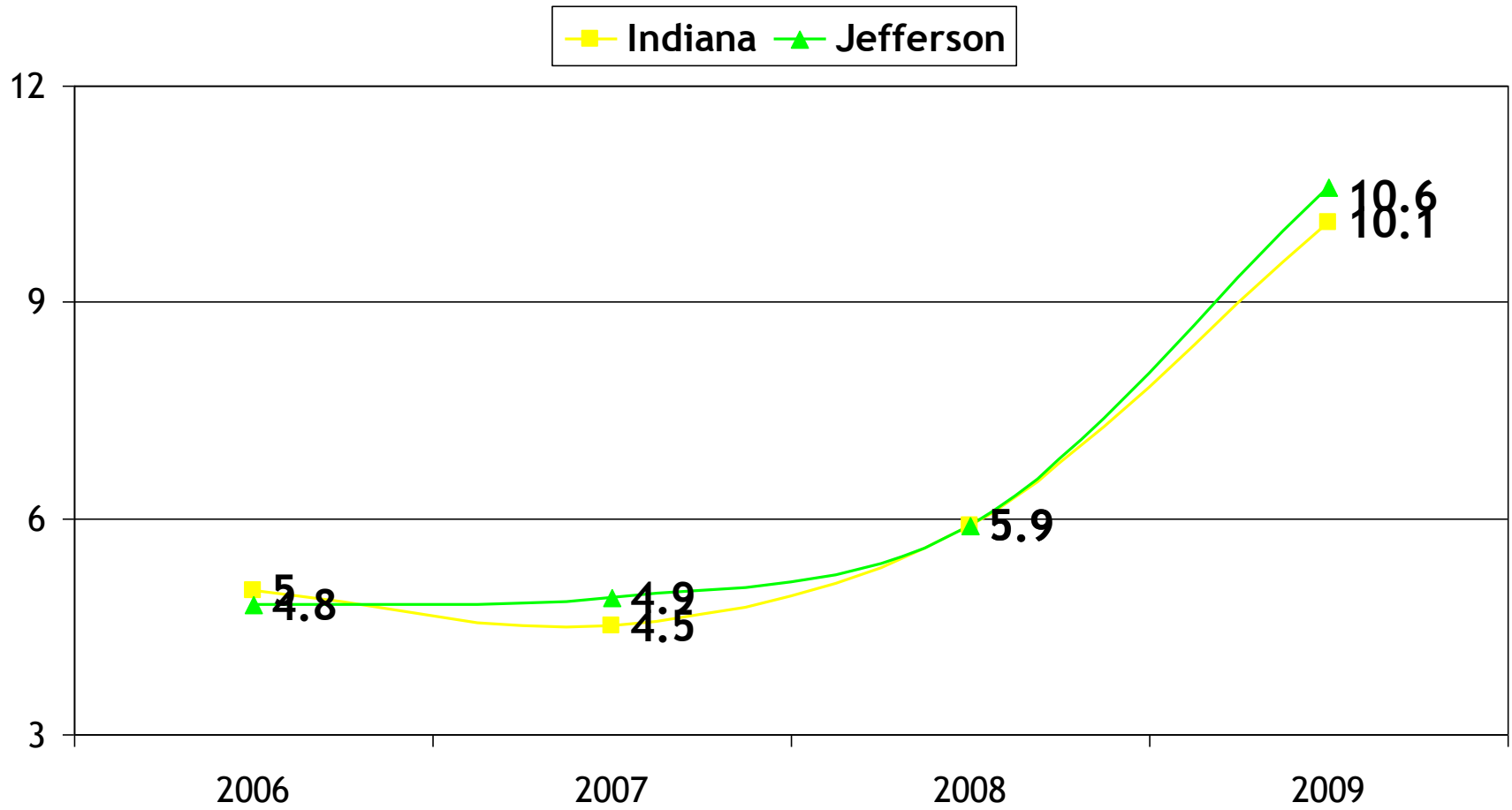
# Firms by Size

Average Employment by Business Unit Size, 2009

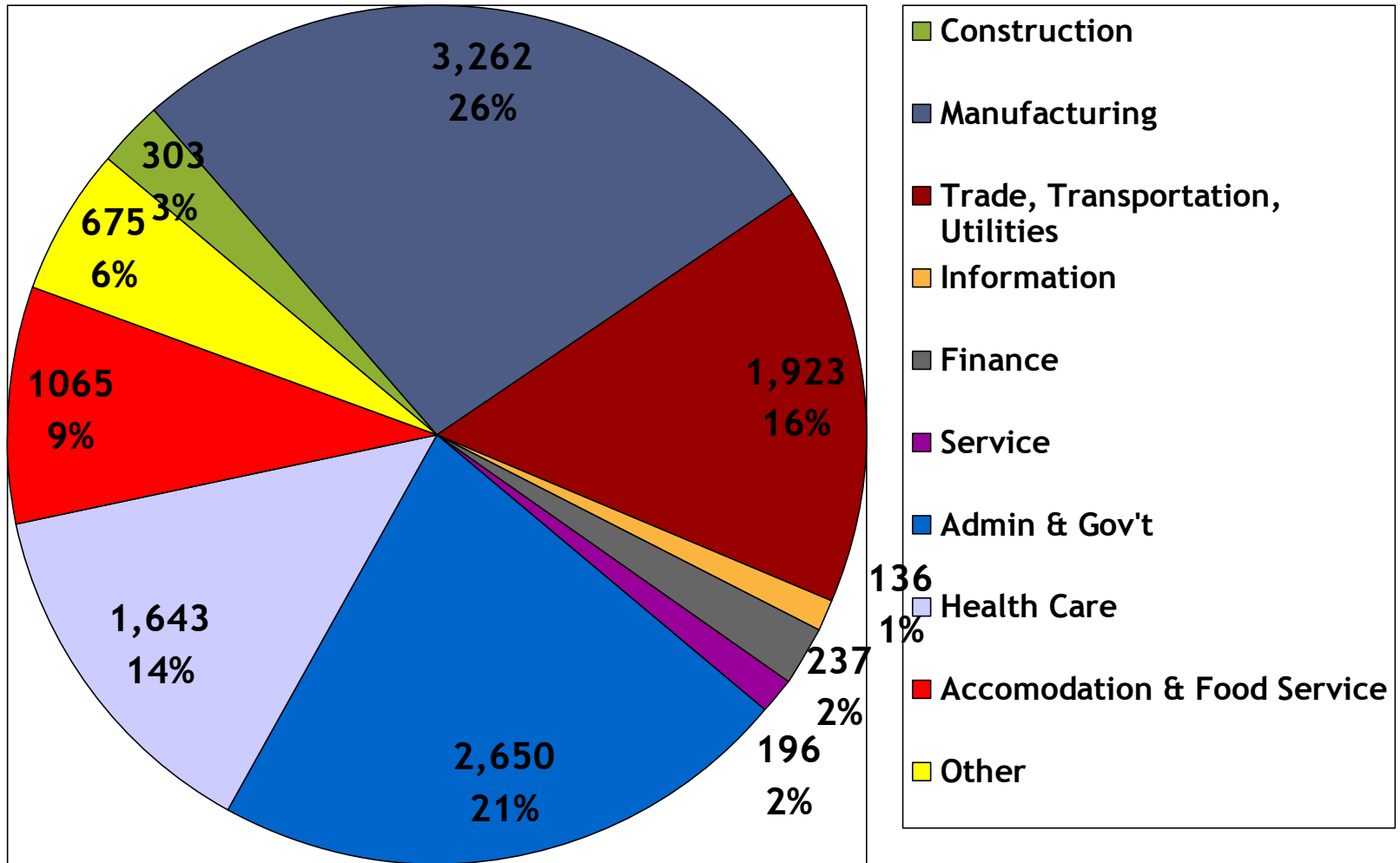
**Total Business  
Units: 11,958**



# Unemployment Rate



# Employment by Sector, 2008



# Land Use

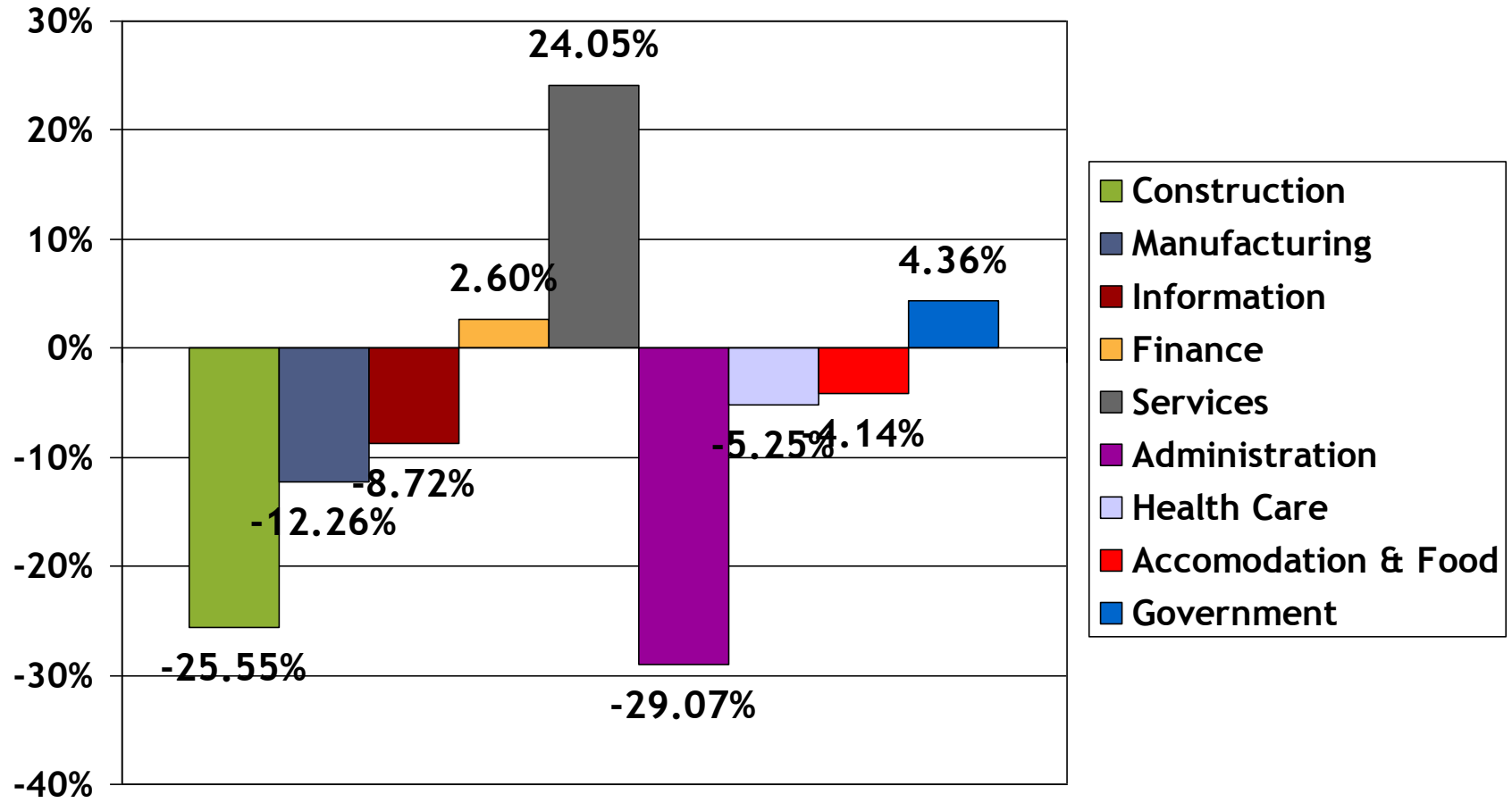
Crops: Tobacco

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 2004 - 2008



# Commuting Patterns

Top Five in 2008

