

Indiana Maternal and Child Health Outcomes and Performance Measures Data Book

State and Selected County Data 2001-2010

(Published September 2013)

Indiana State Department of Health
Public Health and Preparedness Commission
Epidemiology Resource Center
Data Analysis Team
2 North Meridian Street, 6-E
Indianapolis, Indiana 46204

For questions about this report, please call:
317.233.7349
or e-mail data-analysis@isdh.IN.gov

Indiana State Department of Health

William C. VanNess II, MD
State Health Commissioner

James Huston, *Chief of Staff*

Epidemiology Resource Center (ERC)

Pam Pontones, MA, *Director*

ERC Data Analysis Team

Gary V. Ordway, MS, *Director*
Susan Dorrell, BS
Kristy Holzhausen
Michele Starkey, BS
Linda Stemnock, BSPH

[Preface](#)

[Table of Contents](#)

The Epidemiology Resource Center gratefully acknowledges the efforts of the Vital Records Division, hospitals, local health departments, and other organizations that make the Indiana State Department of Health Vital Statistics system possible.

Table of Contents

Preface

List of Charts and Tables

- Infant Mortality Rates by Race, Indiana Residents, 2001-2010
- Infant Mortality Rates by Race, Allen County Residents, 2001-2010
- Infant Mortality Rates by Race, Elkhart County Residents, 2001-2010
- Infant Mortality Rates by Race, Lake County Residents, 2001-2010
- Infant Mortality Rates by Race, Marion County Residents, 2001-2010
- Infant Mortality Rates by Race, St. Joseph County Residents, 2001-2010
- Infant Mortality Rates by Race, Vanderburgh County Residents, 2001-2010
- Infant Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates, Indiana Residents, 2001-2010

- Neonatal Mortality Rates by Race, Indiana Residents, 2001-2010
- Neonatal Mortality Rates by Race, Allen County Residents, 2001-2010
- Neonatal Mortality Rates by Race, Elkhart County Residents, 2001-2010
- Neonatal Mortality Rates by Race, Lake County Residents, 2001-2010
- Neonatal Mortality Rates by Race, Marion County Residents, 2001-2010
- Neonatal Mortality Rates by Race, St. Joseph County Residents, 2001-2010
- Neonatal Mortality Rates by Race, Vanderburgh County Residents, 2001-2010
- Neonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates, Indiana Residents, 2001-2010

- Postneonatal Mortality Rates by Race, Indiana Residents, 2001-2010
- Postneonatal Mortality Rates by Race, Allen County Residents, 2001-2010
- Postneonatal Mortality Rates by Race, Elkhart County Residents, 2001-2010
- Postneonatal Mortality Rates by Race, Lake County Residents, 2001-2010
- Postneonatal Mortality Rates by Race, Marion County Residents, 2001-2010
- Postneonatal Mortality Rates by Race, St. Joseph County Residents, 2001-2010
- Postneonatal Mortality Rates by Race, Vanderburgh County Residents, 2001-2010
- Postneonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates, Indiana Residents, 2001-2010

- Perinatal Mortality Rates by Race, Indiana Residents, 2001-2010
- Fetal Mortality Rates by Race, Indiana Residents, 2001-2010
- Number of SIDS Deaths, Indiana Residents, All Races, 2001-2010

- Mortality Rates for Youths Aged 1-14 Years, by Race, Indiana Residents, 2001-2010
- Motor Vehicle Injury Mortality Rates Among Youths Aged 1-14 Years, by Race, Indiana Residents, 2001-2010

- Mortality Rates for Youths Aged 1-4 Years, by Race, Indiana Residents, 2001-2010
- Mortality Rates for Youths Aged 5-9 Years, by Race, Indiana Residents, 2001-2010
- Mortality Rates for Youths Aged 10-14 Years, by Race, Indiana Residents, 2001-2010
- Mortality Rates for Youths Aged 15-19 Years, by Race, Indiana Residents, 2001-2010
- Mortality Rates for Young Adults Aged 20-21 Years, by Race, Indiana Residents, 2001-2010

- Suicide Mortality Rates Among Youths Aged 15-19 Years, by Race, Indiana Residents, 2001-2010
- Homicide Mortality Rates Among Those Aged 15-24 Years, by Race, Indiana Residents, 2001-2010
- Maternal Mortality Rates by Race, Indiana Residents, 2001-2010

- Number of Occurrent Live Births by Race and Ethnicity, Indiana, 2001-2010
- Number of Resident Live Births by Race and Ethnicity, Indiana, 2001-2010

- Age-Specific Birth Rates by Age Group for Females, Indiana Residents, 2001-2010
- Age-Specific Birth Rates by Age Group for Teenage Females, Indiana Residents, 2001-2010
- Age-Specific Birth Rates, Females Aged 15-17 Years, Indiana Residents, 2001-2010
- Age-Specific Birth Rates, Females Aged 15-17 Years, Allen County Residents, 2001-2010
- Age-Specific Birth Rates, Females Aged 15-17 Years, Elkhart County Residents, 2001-2010
- Age-Specific Birth Rates, Females Aged 15-17 Years, Lake County Residents, 2001-2010
- Age-Specific Birth Rates, Females Aged 15-17 Years, Marion County Residents, 2001-2010
- Age-Specific Birth Rates, Females Aged 15-17 Years, St. Joseph County Residents, 2001-2010
- Age-Specific Birth Rates, Females Aged 15-17 Years, Vanderburgh County Residents, 2001-2010

- Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race, Indiana Residents, 2001-2010
- Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race, Allen County Residents, 2001-2010
- Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race, Elkhart County Residents, 2001-2010
- Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race, Lake County Residents, 2001-2010

- Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race, Marion County Residents, 2001-2010
- Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race, St. Joseph County Residents, 2001-2010
- Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race, Vanderburgh County Residents, 2001-2010

- Adequacy of Prenatal Care Utilization (Kotelchuck Index), All Races, Indiana Residents, 2001-2010
- Adequacy of Prenatal Care Utilization (Kotelchuck Index), White Population, Indiana Residents, 2001-2010
- Adequacy of Prenatal Care Utilization (Kotelchuck Index), Black Population, Indiana Residents, 2001-2010
- Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Race, Indiana Residents, 2001-2010
- Percent of Live Births to Unmarried Mothers by Race of Mother, Indiana Residents, 2001-2010

- Percent of Low Birthweight Infants by Race of Mother, Indiana Residents, 2001-2010
- Percent of Low Birthweight Infants by Race of Mother, Allen County Residents, 2001-2010
- Percent of Low Birthweight Infants by Race of Mother, Elkhart County Residents, 2001-2010
- Percent of Low Birthweight Infants by Race of Mother, Lake County Residents, 2001-2010
- Percent of Low Birthweight Infants by Race of Mother, Marion County Residents, 2001-2010
- Percent of Low Birthweight Infants by Race of Mother, St. Joseph County Residents, 2001-2010
- Percent of Low Birthweight Infants by Race of Mother, Vanderburgh County Residents, 2001-2010

- Percent of Very Low Birthweight Infants by Race of Mother, Indiana Residents, 2001-2010
- Percent of Very Low Birthweight Infants by Race of Mother, Allen County Residents, 2001-2010
- Percent of Very Low Birthweight Infants by Race of Mother, Elkhart County Residents, 2001-2010
- Percent of Very Low Birthweight Infants by Race of Mother, Lake County Residents, 2001-2010
- Percent of Very Low Birthweight Infants by Race of Mother, Marion County Residents, 2001-2010
- Percent of Very Low Birthweight Infants by Race of Mother, St. Joseph County Residents, 2001-2010
- Percent of Very Low Birthweight Infants by Race of Mother, Vanderburgh County Residents, 2001-2010

- Percent of Births to Mothers Who Smoked During Pregnancy, by Race, Indiana Residents, 2001-2010
- Percent of Births to Mothers Who Smoked During Pregnancy, by Race, Allen County Residents, 2001-2010
- Percent of Births to Mothers Who Smoked During Pregnancy, by Race, Elkhart County Residents, 2001-2010
- Percent of Births to Mothers Who Smoked During Pregnancy, by Race, Lake County Residents, 2001-2010
- Percent of Births to Mothers Who Smoked During Pregnancy, by Race, Marion County Residents, 2001-2010

- Percent of Births to Mothers Who Smoked During Pregnancy, by Race, St. Joseph County Residents, 2001-2010
- Percent of Births to Mothers Who Smoked During Pregnancy, by Race, Vanderburgh County Residents, 2001-2010
- Percent of Preterm Births by Race of Mother, Indiana Residents, 2001-2010
- Percent of Preterm Births by Race of Mother, Allen County Residents, 2001-2010
- Percent of Preterm Births by Race of Mother, Elkhart County Residents, 2001-2010
- Percent of Preterm Births by Race of Mother, Lake County Residents, 2001-2010
- Percent of Preterm Births by Race of Mother, Marion County Residents, 2001-2010
- Percent of Preterm Births by Race of Mother, St. Joseph County Residents, 2001-2010
- Percent of Preterm Births by Race of Mother, Vanderburgh County Residents, 2001-2010
- Infant Mortality Rates by Ethnicity, Indiana Residents, 2001-2010
- Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester by Ethnicity, Indiana Residents, 2001-2010
- Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Ethnicity, Indiana Residents, 2001-2010
- Percent of Live Births to Unmarried Mothers by Ethnicity of Mother, Indiana Residents, 2001-2010
- Percent of Low Birthweight Infants by Ethnicity of Mother, Indiana Residents, 2001-2010
- Percent of Very Low Birthweight Infants by Ethnicity of Mother, Indiana Residents, 2001-2010
- Percent of Births to Mothers Who Smoked During Pregnancy by Ethnicity, Indiana Residents, 2001-2010
- Percent of Preterm Births by Ethnicity of Mother, Indiana Residents, 2001-2010
- Live Births by County of Residence, Indiana Residents, 2001-2010

County Rankings for 10 Years Combined:

- Infant Mortality Rates, Total Population, Indiana Residents, 2001-2010
- Infant Mortality Rates, White, Indiana Residents, 2001-2010
- Infant Mortality Rates, Black, Indiana Residents, 2001-2010
- Infant Mortality Rates, Non-Hispanic, Indiana Residents, 2001-2010
- Infant Mortality Rates, Hispanic, Indiana Residents, 2001-2010
- Neonatal Mortality Rates, Total Population, Indiana Residents, 2001-2010
- Neonatal Mortality Rates, White, Indiana Residents, 2001-2010
- Neonatal Mortality Rates, Black, Indiana Residents, 2001-2010
- Neonatal Mortality Rates, Non-Hispanic, Indiana Residents, 2001-2010

- Neonatal Mortality Rates, Hispanic, Indiana Residents, 2001-2010
- Postneonatal Mortality Rates, Total Population, Indiana Residents, 2001-2010
- Postneonatal Mortality Rates, White, Indiana Residents, 2001-2010
- Postneonatal Mortality Rates, Black, Indiana Residents, 2001-2010
- Postneonatal Mortality Rates, Non-Hispanic, Indiana Residents, 2001-2010
- Postneonatal Mortality Rates, Hispanic, Indiana Residents, 2001-2010

- Prenatal Care Began in First Trimester, Total Population, Indiana Residents, 2001-2010
- Prenatal Care Began in First Trimester, White, Indiana Residents, 2001-2010
- Prenatal Care Began in First Trimester, Black, Indiana Residents, 2001-2010
- Prenatal Care Began in First Trimester, Non-Hispanic, Indiana Residents, 2001-2010
- Prenatal Care Began in First Trimester, Hispanic, Indiana Residents, 2001-2010

- Low Birthweight, Total Population, Indiana Residents, 2001-2010
- Low Birthweight, White, Indiana Residents, 2001-2010
- Low Birthweight, Black, Indiana Residents, 2001-2010
- Low Birthweight, Non-Hispanic, Indiana Residents, 2001-2010
- Low Birthweight, Hispanic, Indiana Residents, 2001-2010

- Very Low Birthweight, Total Population, Indiana Residents, 2001-2010
- Very Low Birthweight, White, Indiana Residents, 2001-2010
- Very Low Birthweight, Black, Indiana Residents, 2001-2010
- Very Low Birthweight, Non-Hispanic, Indiana Residents, 2001-2010
- Very Low Birthweight, Hispanic, Indiana Residents, 2001-2010

Glossary of Terms

Preface

The *Indiana Maternal and Child Health Outcomes and Performance Measures Data Book, 2001-2010*, provides a summary of data relating to pregnancy, birth, and mortality in Indiana and selected counties for the years 2001-2010.

Information for this report was obtained from birth and death certificates filed with the Indiana State Department of Health (ISDH) and from transcripts of original certificates for Indiana residents giving birth or dying in other states. The ISDH Epidemiology Resource Center (ERC), Data Analysis Team, compiled these data to produce this report.

Mortality rates for 2001 were calculated using the 2000 U.S. Census Bureau's population data, because the 2001 population estimates had not been released at the time of publication of the *2001 Indiana Mortality Report*.

In previous reports, there were three slides with immunization data. There have been many changes with the reporting of the immunization series, thus it is not possible to provide ten years of comparable data. Therefore, no immunization data are included in this report. However, immunization data can be found in the Centers for Disease Control and Prevention National Immunization Survey at this link: <http://www.cdc.gov/vaccines/stats-surv/nis/default.htm#nis>.

Indiana began using the 2003 US Standard Certificate of Live Birth (the 2003 "revised" certificate) on January 1, 2007. Although much of the information collected from the mother remained the same, some questions were rephrased or the information gathered in a different manner. This resulted in significant changes to some variables. The major variables that were affected in this report were month prenatal care began and smoking during pregnancy. **Data on prenatal care and tobacco use for the years 2007 and later are not considered comparable to prior years due to the significant changes in wording on the certificates.** These changes are detailed below:

Prenatal Care: The month prenatal care began has been changed from a box asking for the month of pregnancy in which prenatal care began, to questions asking for the date of last normal menses and the date of the first prenatal visit. The month prenatal care began was then calculated from these two variables. If the day of the month was unknown, the day of the month was imputed using a program that the National Center for Health Statistics (NCHS) developed. NCHS observed a decrease in the percent of mothers receiving care in the first month for all states who adopted the revised certificate, and it is considered to be the result of better reporting.

Adequacy of Prenatal Care Utilization (Kotelchuck Index): **The data for 2007 and later are not comparable with data from previous years.** The percent of women beginning prenatal care in the first trimester decreased from 2006 to 2007 because of the change in the question(s) asked (please see above). Since this variable is central to the calculation of the Kotelchuck Index, the Index is likewise affected.

Tobacco Use: Prior to 2007, the question was asked "Did mother smoke during pregnancy?" Depending on the response, the facility would check one of the following boxes: Yes, No, or Unknown. Beginning in 2007, more detailed information was collected -- the average number of cigarettes (or packs of cigarettes) that were smoked during the three months prior to becoming pregnant, the first three months of pregnancy, the second three months of pregnancy, and the last trimester of pregnancy. If the mother smoked at any time *during her pregnancy*, she was considered to be a smoker for this report. This is consistent with NCHS practice.

Preterm Birth: **In the 1998-2007 MCH Outcomes report and later reports, we used the calculated gestation based on the last menstrual period to determine preterm births.** We used the total births with gestations that could be calculated, and excluded the missing data. The National Center for Health Statistics (NCHS) and the March of Dimes use the same calculation to determine the preterm births. Therefore, one can compare the preterm data in this report with the preterm data provided by NCHS and the March of Dimes.

The preterm data in this report are not comparable with the preterm data in the 1997-2006 MCH Outcomes report and prior reports, and in the 2010 Indiana Natality Report and prior reports. In those reports, we used the obstetrical estimate of gestation (clinical estimate of gestation) to calculate the preterm data.

On January 1, 2008, Indiana began using the 2003 US Standard Certificate of Death. Much of the data collected has stayed the same; however, categories for marital status, facility type, educational level, and pregnancy status for females have been expanded. Also, a question is now asked as to whether tobacco use contributed to the death. The major variable that was affected in this report was to pregnancy status for females, which affected the maternal mortality data. **Data on maternal mortality for the years 2008 and later are not considered comparable to prior years due to the significant changes in wording on the death certificates.** The changes are detailed below:

Maternal Mortality: Prior to 2008, the question was asked "Was the decedent pregnant or 90 days postpartum?" and the response was yes or no. Beginning in 2008, more detailed information was collected for females. The check boxes are as follows: pregnant at time of death; not pregnant within past year; not pregnant, but pregnant within 42 days of death; not pregnant, but pregnant 43 days to 1 year before death; and unknown if pregnant within the past year.

Race of Mother and Father: Indiana now uses the 1997 Office of Management and Budget (OMB) standards for collecting data on race and ethnicity. Beginning with the 2007 birth certificate, the mother and father could check more than one box for race. All racial and ethnicity information is now sent to NCHS, which imputes a single ("bridged") race to the mother and father based on the combination of races, Hispanic origin, sex, and age. This "bridged" race is what is used in this report.

The relationship between the two OMB standards and the terms used to report race and ethnicity in this report are as follows:

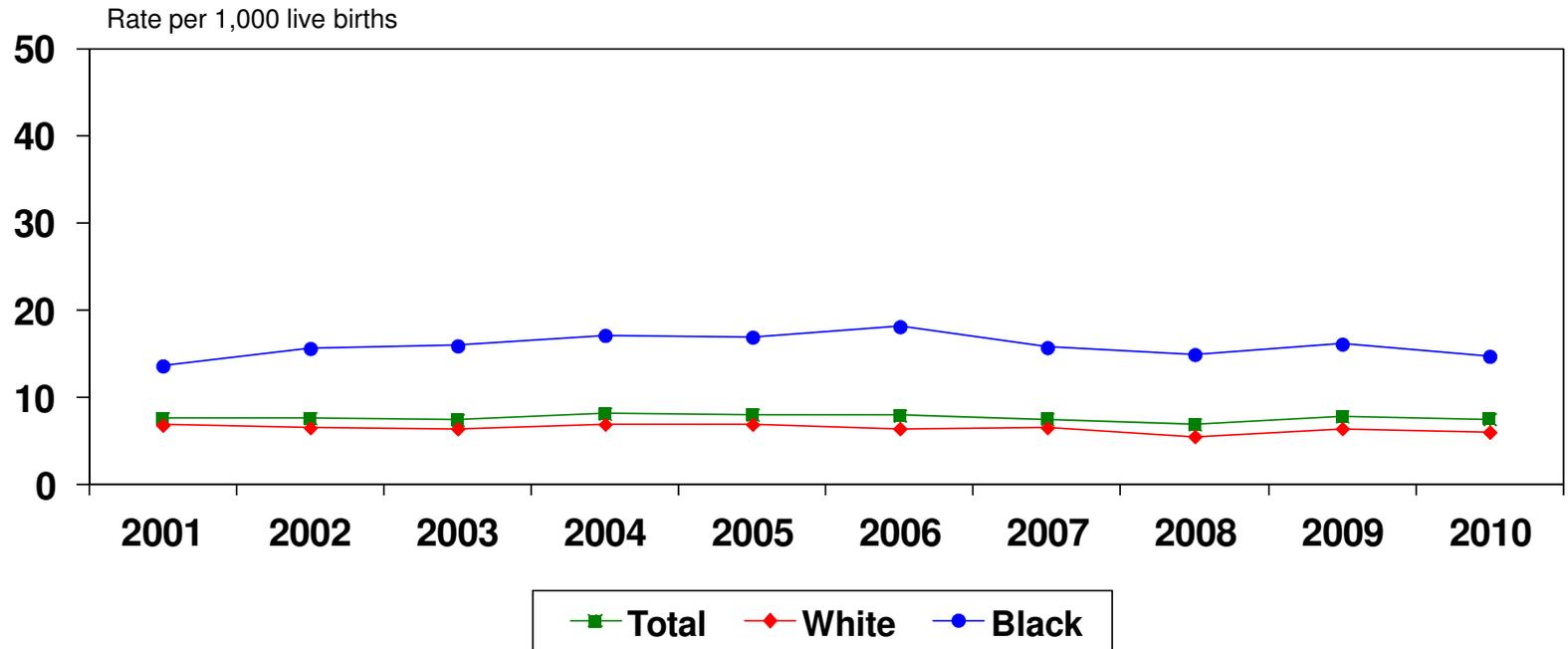
Race		
<u>1997 OMB standards (current)</u>	<u>1977 OMB standards (pre-2007)</u>	<u>This Report</u>
American Indian or Alaska Native	American Indian or Alaska Native	Included in Other
Asian	Asian or Pacific Islander	Included in Other
Black or African American	Black	Black
Native Hawaiian or Other Pacific Islander	Asian or Pacific Islander	Included in Other
White	White	White

Ethnicity		
<u>1997 OMB standards (current)</u>	<u>1977 OMB standards (pre-2007)</u>	<u>This Report</u>
Hispanic or Latino	Hispanic	Hispanic
not Hispanic or Latino	non-Hispanic	non-Hispanic

Most tables in this report will print on one page (8.5" x 11") if margins are set to 0.25" in all dimensions and the tables are viewed at the smallest font size.

Infant Mortality Rates by Race

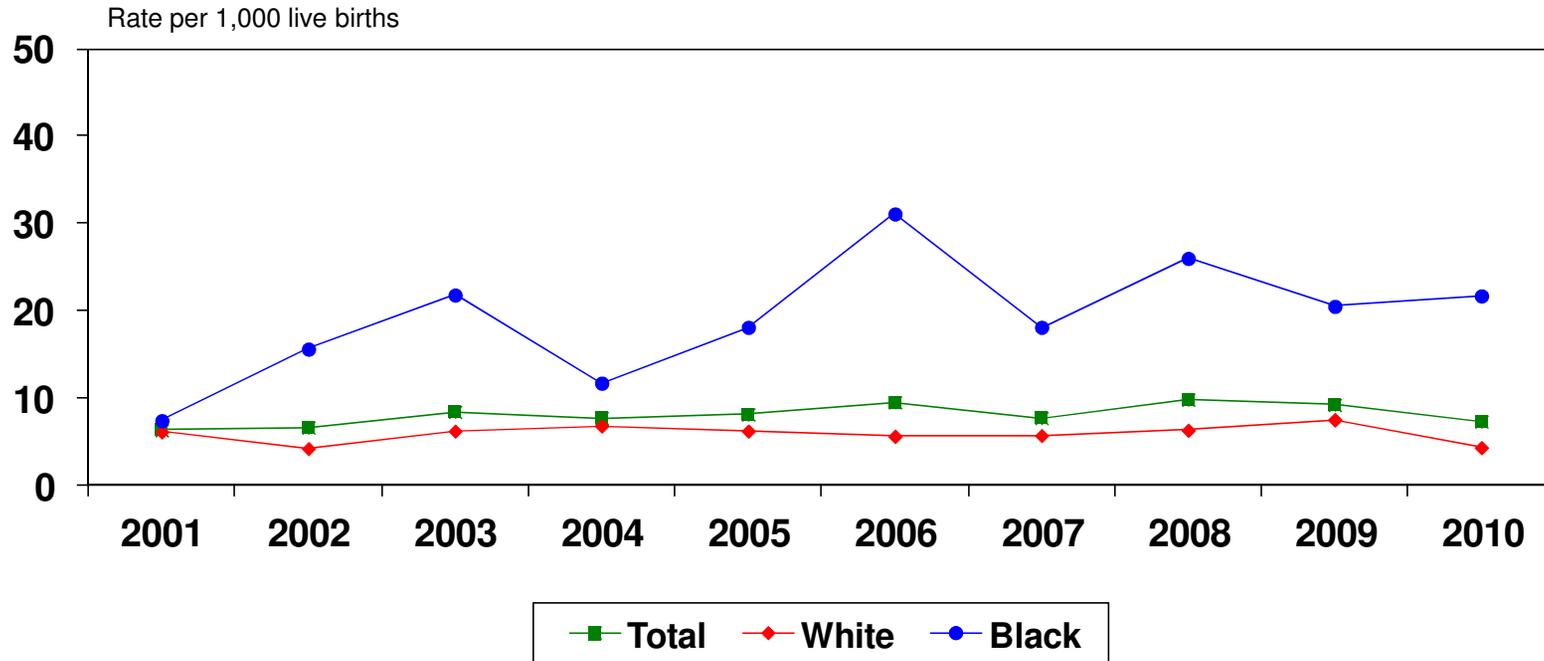
Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	7.6	7.6	7.4	8.1	8.0	7.9	7.5	6.9	7.8	7.5
White	6.8	6.5	6.4	6.9	6.9	6.4	6.5	5.5	6.4	6.0
Black	13.6	15.6	15.9	17.1	16.9	18.1	15.7	14.9	16.1	14.7

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates by Race Allen County Residents, 2001-2010



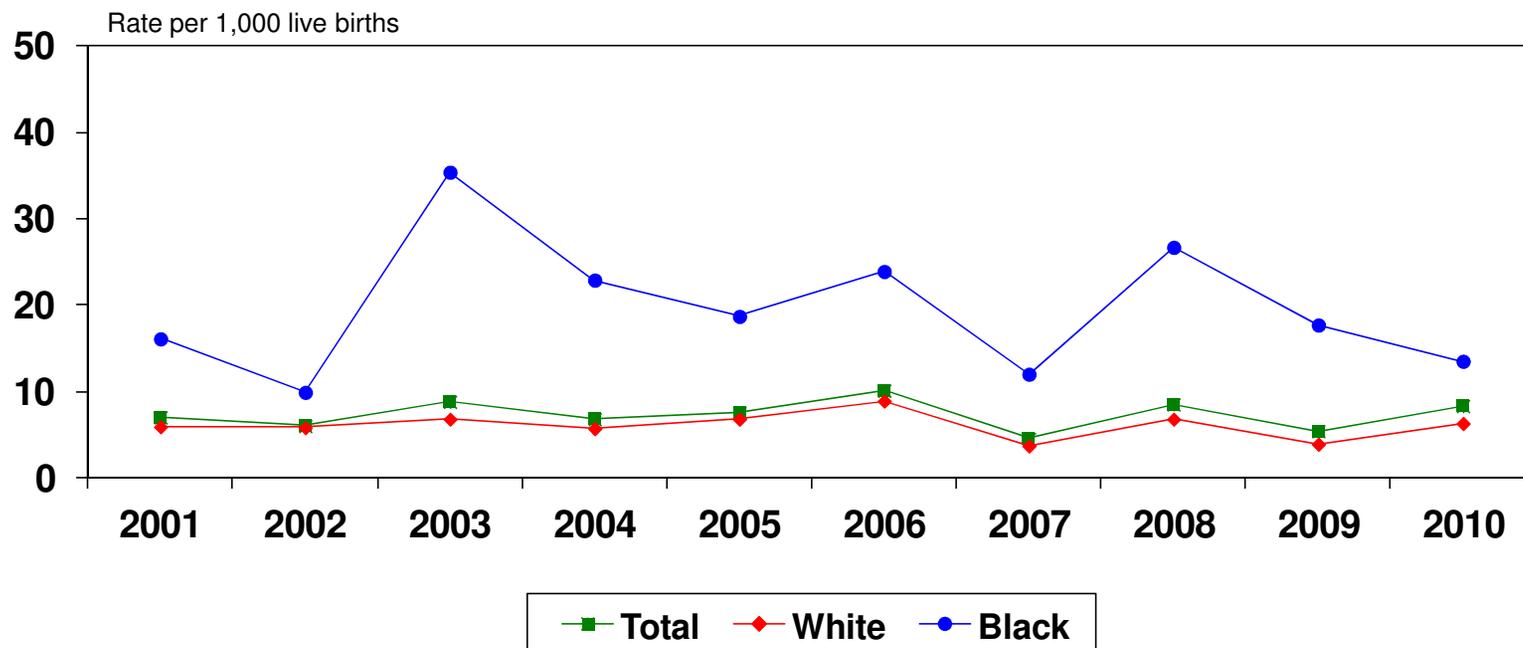
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	6.3	6.6	8.4	7.7	8.1	9.5	7.7	9.8	9.2	7.3
White	6.1	4.2*	6.2	6.8	6.2	5.6	5.7	6.3	7.5	4.3*
Black	7.4*	15.6*	21.8*	11.7*	18.1*	31.1	18.1*	26.0	20.5*	21.7*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates by Race

Elkhart County Residents, 2001-2010



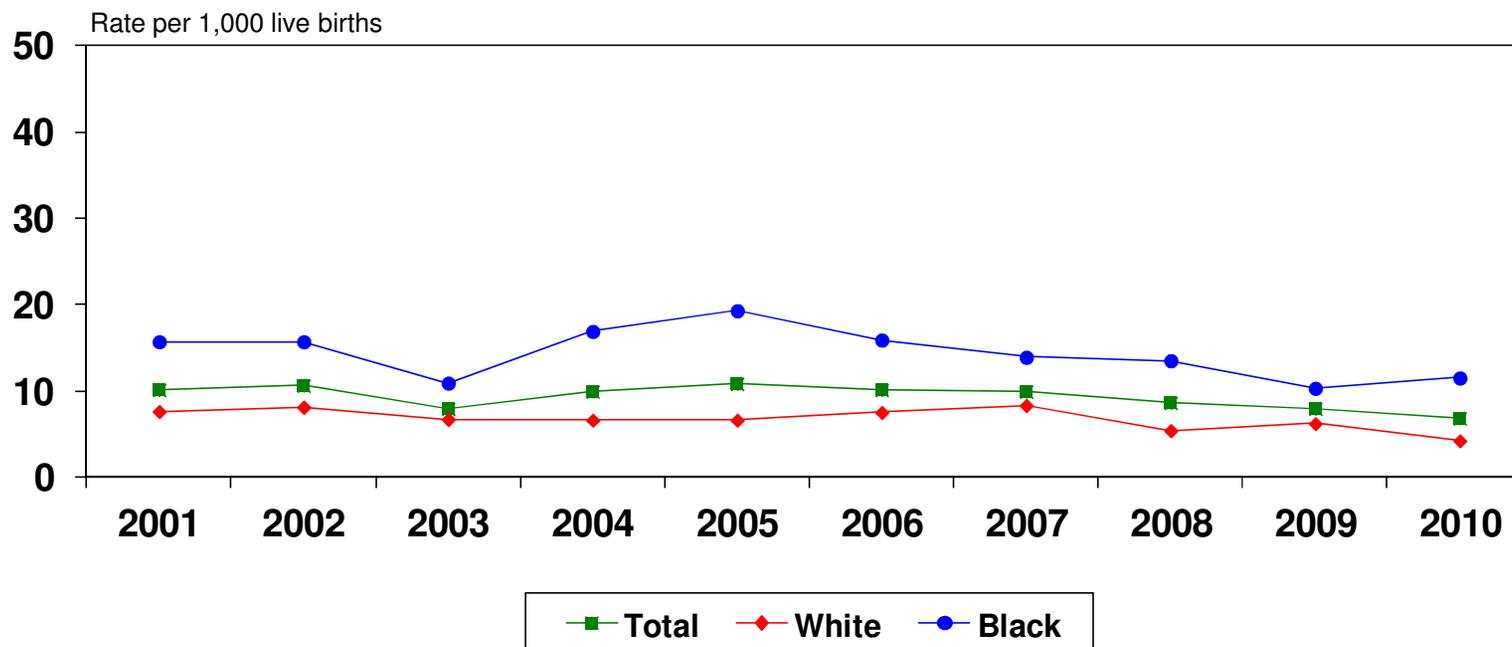
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	7.0	6.0*	8.8	6.8	7.5	10.1	4.5*	8.5	5.4*	8.3
White	5.9*	5.8*	6.8	5.7*	6.8	8.9	3.7*	6.8	3.9*	6.3*
Black	16.1*	9.9*	35.4*	22.9*	18.7*	23.9*	12.0*	26.7*	17.7*	13.5*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates by Race

Lake County Residents, 2001-2010



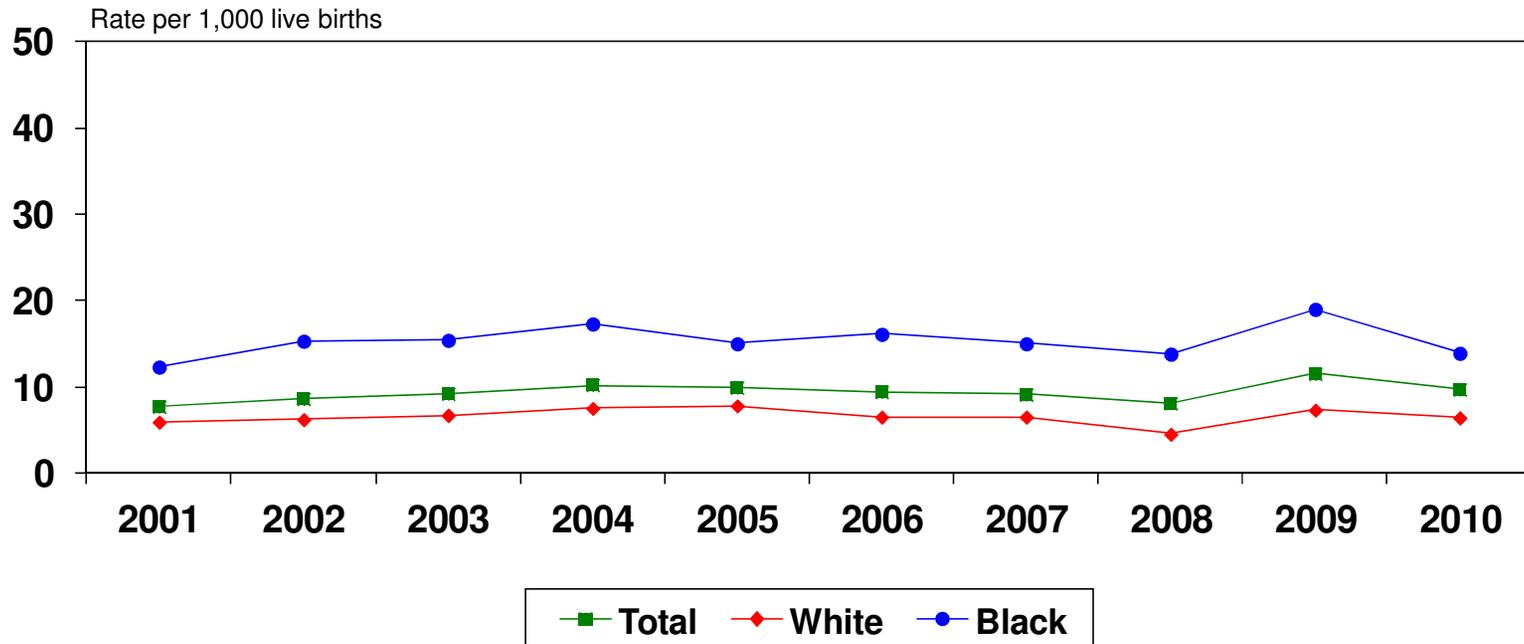
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	10.1	10.6	7.9	9.9	10.8	10.1	9.9	8.6	7.9	6.8
White	7.6	8.1	6.7	6.6	6.6	7.5	8.3	5.4	6.2	4.2*
Black	15.7	15.7	10.9	16.9	19.3	15.9	13.9	13.5	10.3	11.5

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates by Race

Marion County Residents, 2001-2010

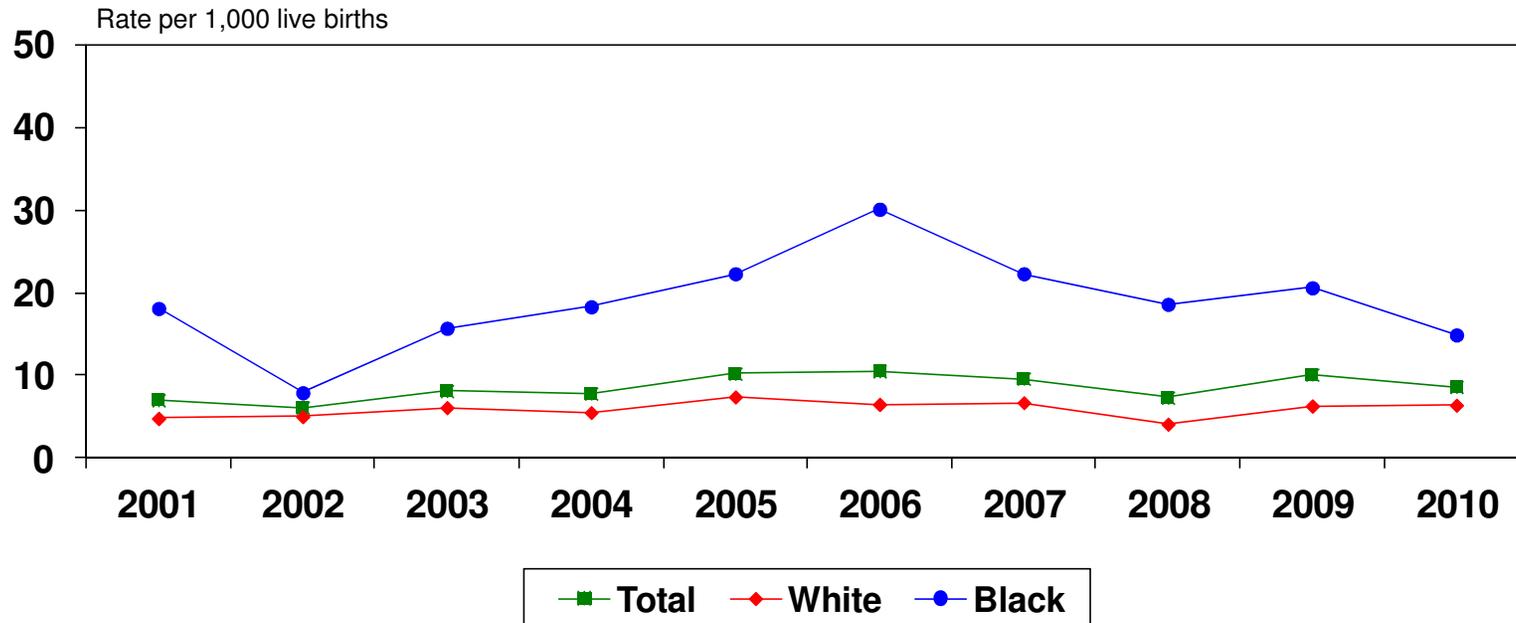


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	7.7	8.6	9.2	10.2	9.9	9.4	9.1	8.1	11.5	9.7
White	5.9	6.2	6.7	7.5	7.8	6.5	6.5	4.5	7.3	6.4
Black	12.3	15.3	15.4	17.3	15.0	16.1	15.0	13.8	19.0	13.9

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates by Race

St. Joseph County Residents, 2001-2010



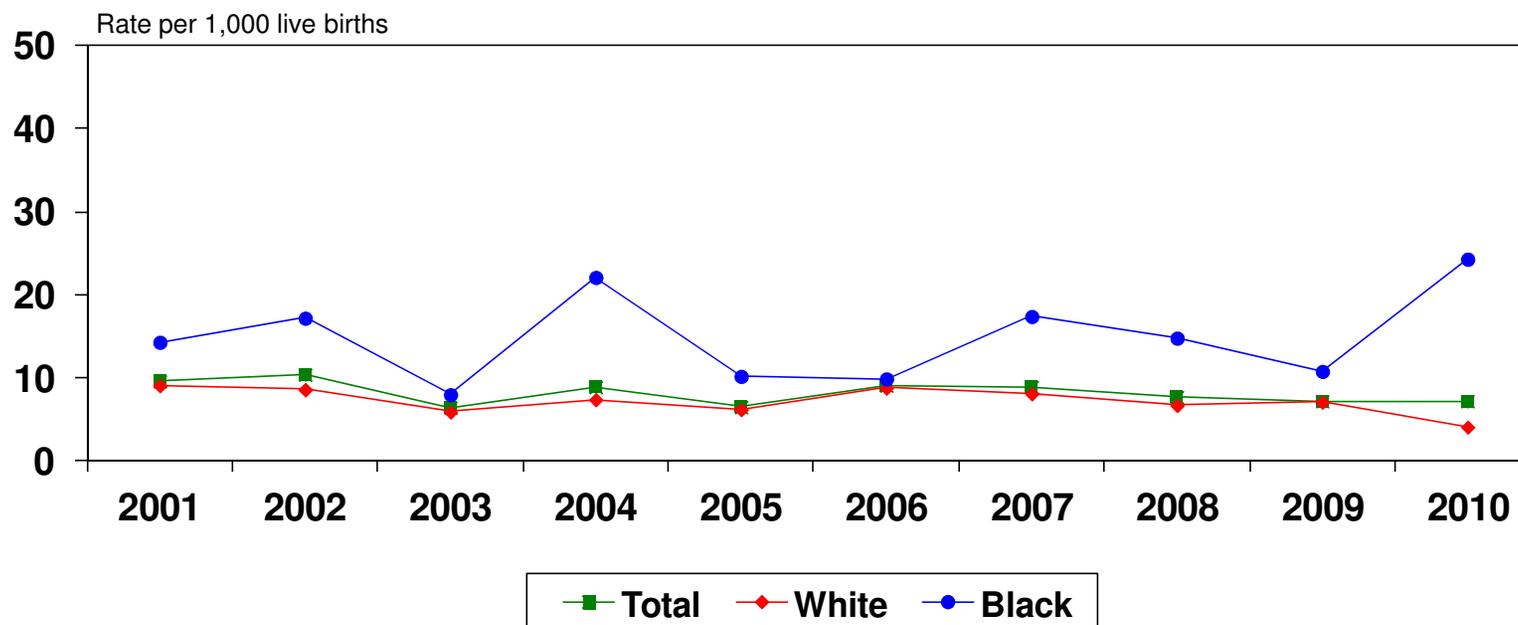
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	7.0	6.1	8.1	7.8	10.2	10.5	9.6	7.3	10.1	8.6
White	4.8*	5.0*	6.1*	5.5*	7.4	6.5	6.7	4.1*	6.3*	6.4*
Black	18.1*	7.9*	15.7*	18.3*	22.3*	30.1	22.3*	18.6*	20.6*	14.9*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates by Race

Vanderburgh County Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	9.6	10.4	6.4*	8.9	6.5*	9.1	8.9	7.7*	7.2*	7.2*
White	9.1*	8.6*	5.9*	7.4*	6.2*	8.8*	8.1*	6.7*	7.1*	4.1*
Black	14.3*	17.2*	8.0*	22.1*	10.2*	9.9*	17.4*	14.8*	10.8*	24.3*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

**Infant Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2001-2010**

	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	Number	Rate																		
INDIANA	652	7.6	649	7.6	641	7.4	702	8.1	699	8.0	702	7.9	677	7.5	616	6.9	675	7.8	630	7.5
White	514	6.8	479	6.5	479	6.4	522	6.9	519	6.9	495	6.4	499	6.5	409	5.5	458	6.4	420	6.0
Black	130	13.6	144	15.6	148	15.9	164	17.1	166	16.9	188	18.1	162	15.7	156	14.9	164	16.1	148	14.7
Ratio		2.0		2.4		2.5		2.5		2.4		2.8		2.4		2.7		2.5		2.5
ALL RACES	286	8.0	296	8.3	307	8.5	334	9.1	343	9.4	369	9.7	323	8.6	310	8.4	349	9.5	297	8.4
Allen	34	6.3	34	6.6	44	8.4	41	7.7	43	8.1	52	9.5	42	7.7	54	9.8	50	9.2	39	7.3
Elkhart	22	7.0	18	6.0	28	8.8	22	6.8	26	7.5	36	10.1	16	4.5	29	8.5	17	5.4	25	8.3
Lake	70	10.1	72	10.6	55	7.9	69	9.9	74	10.8	70	10.1	67	9.9	57	8.6	53	7.9	44	6.8
Marion	111	7.7	125	8.6	135	9.2	151	10.2	145	9.9	146	9.4	140	9.1	124	8.1	176	11.5	142	9.7
St. Joseph	27	7.0	23	6.1	30	8.1	30	7.8	39	10.2	42	10.5	36	9.6	28	7.3	36	10.1	30	8.6
Vanderburgh	22	9.6	24	10.4	15	6.4	21	8.9	16	6.5	23	9.1	22	8.9	18	7.7	17	7.2	17	7.2
WHITE	171	6.3	166	6.2	177	6.5	188	6.8	193	7.0	197	7.0	180	6.5	140	5.3	173	6.7	137	5.5
Allen	27	6.1	18	4.2	27	6.2	30	6.8	27	6.2	25	5.6	25	5.7	26	6.3	31	7.5	18	4.3
Elkhart	17	5.9	16	5.8	20	6.8	17	5.7	22	6.8	29	8.9	12	3.7	21	6.8	11	3.9	17	6.3
Lake	35	7.6	37	8.1	31	6.7	31	6.6	30	6.6	34	7.5	37	8.3	22	5.4	26	6.2	17	4.2
Marion	59	5.9	63	6.2	69	6.7	78	7.5	79	7.8	69	6.5	69	6.5	46	4.5	74	7.3	60	6.4
St. Joseph	15	4.8	15	5.0	18	6.1	17	5.5	22	7.4	21	6.5	20	6.7	12	4.1	17	6.3	17	6.4
Vanderburgh	18	9.1	17	8.6	12	5.9	15	7.4	13	6.2	19	8.8	17	8.1	13	6.7	14	7.1	8	4.1
BLACK	110	13.3	118	14.8	121	15.0	140	17.0	142	17.0	165	18.6	135	15.6	140	15.8	144	16.8	124	14.5
Allen	6	7.4	11	15.6	16	21.8	9	11.7	14	18.1	27	31.1	16	18.1	24	26.0	18	20.5	18	21.7
Elkhart	3	16.1	2	9.9	7	35.4	5	22.9	4	18.7	6	23.9	3	12.0	7	26.7	4	17.7	3	13.5
Lake	35	15.7	34	15.7	24	10.9	37	16.9	43	19.3	36	15.9	30	13.9	30	13.5	22	10.3	24	11.5
Marion	50	12.3	61	15.3	62	15.4	71	17.3	62	15.0	72	16.1	66	15.0	61	13.8	83	19.0	62	13.9
St. Joseph	12	18.1	5	7.9	10	15.7	12	18.3	16	22.3	21	30.1	15	22.3	14	18.6	14	20.6	10	14.9
Vanderburgh	4	14.3	5	17.2	2	8.0	6	22.1	3	10.2	3	9.9	5	17.4	4	14.8	3	10.8	7	24.3
RATIO																				
Allen		1.2		3.7		3.5		1.7		2.9		5.6		3.2		4.1		2.7		5.0
Elkhart		2.7		1.7		5.2		4.0		2.8		2.7		3.2		3.9		4.5		2.1
Lake		2.1		1.9		1.6		2.6		2.9		2.1		1.7		2.5		1.7		2.7
Marion		2.1		2.5		2.3		2.3		1.9		2.5		2.3		3.1		2.6		2.2
St. Joseph		3.8		1.6		2.6		3.3		3.0		4.6		3.3		4.5		3.3		2.3
Vanderburgh		1.6		2.0		1.4		3.0		1.6		1.1		2.1		2.2		1.5		5.9

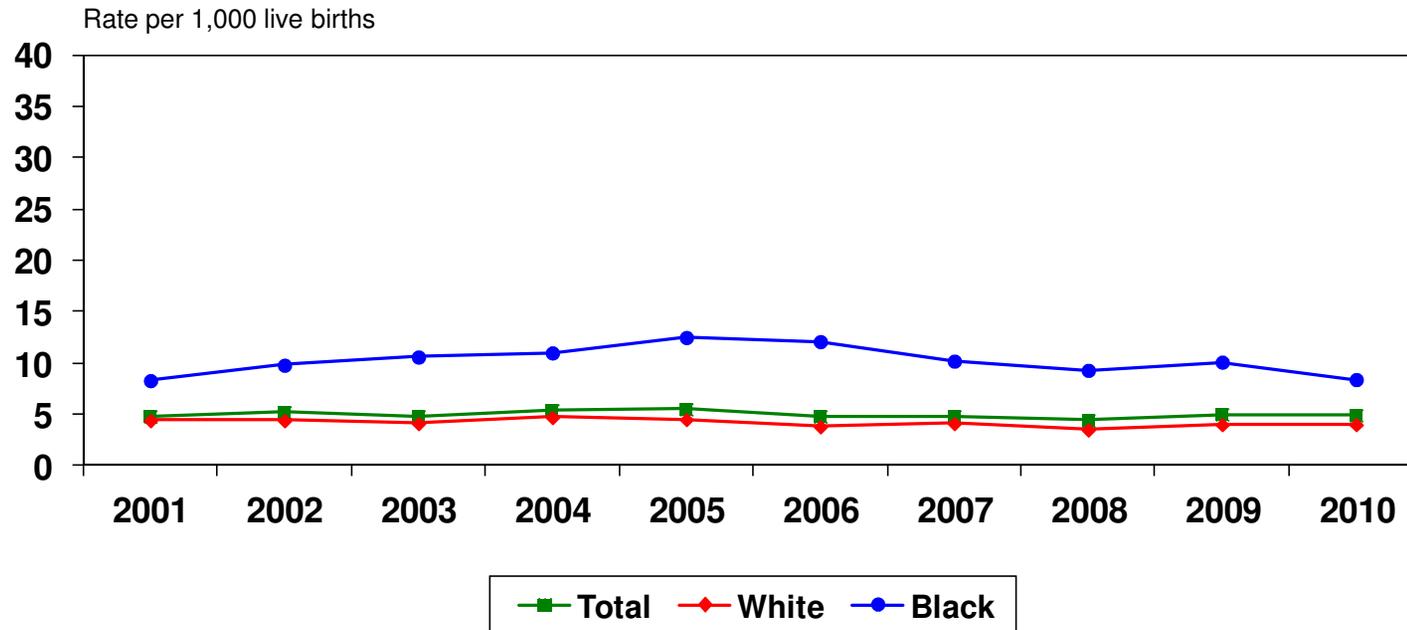
Rate per 1,000 live births.

Shaded area: Numerator is less than 20, and the rate is unstable. The ratio is unstable if the numerator or denominator is less than 20.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates by Race

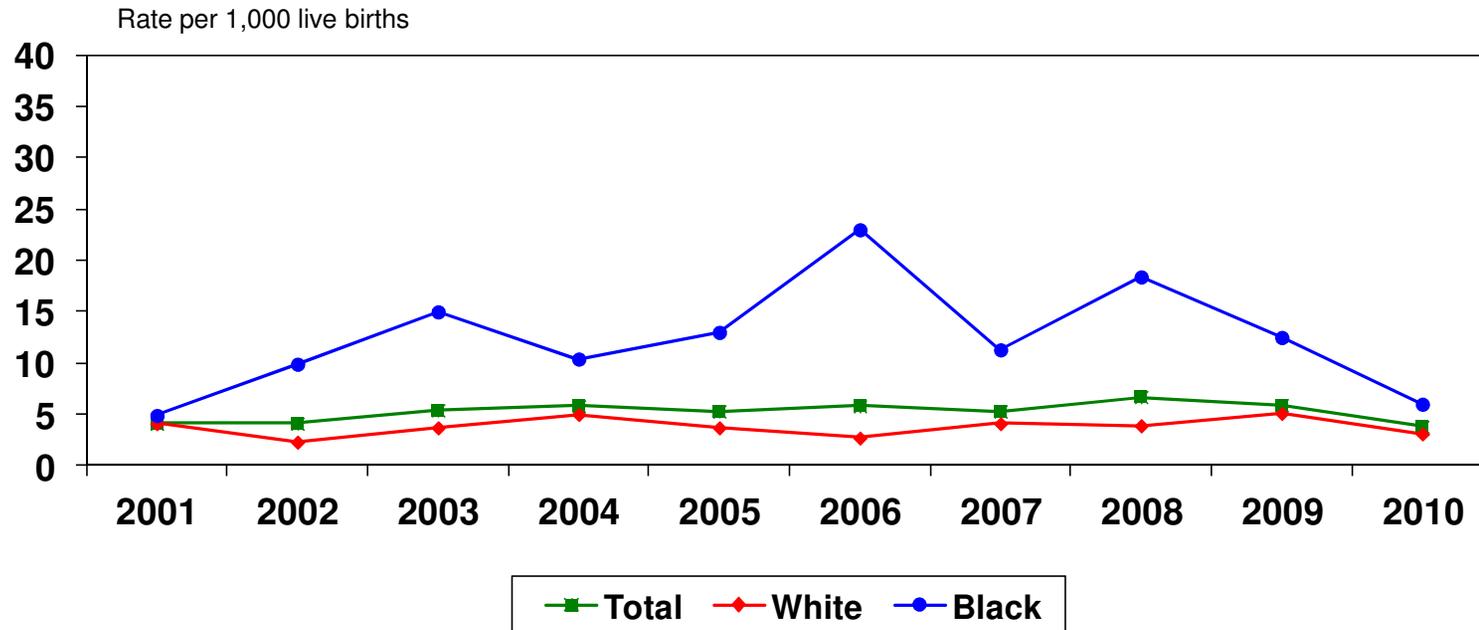
Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	4.8	5.2	4.8	5.4	5.5	4.8	4.8	4.4	5.0	4.9
White	4.4	4.4	4.1	4.7	4.5	3.8	4.1	3.5	4.0	4.0
Black	8.3	9.8	10.6	11.0	12.5	12.1	10.2	9.3	10.1	8.4

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates by Race Allen County Residents, 2001-2010

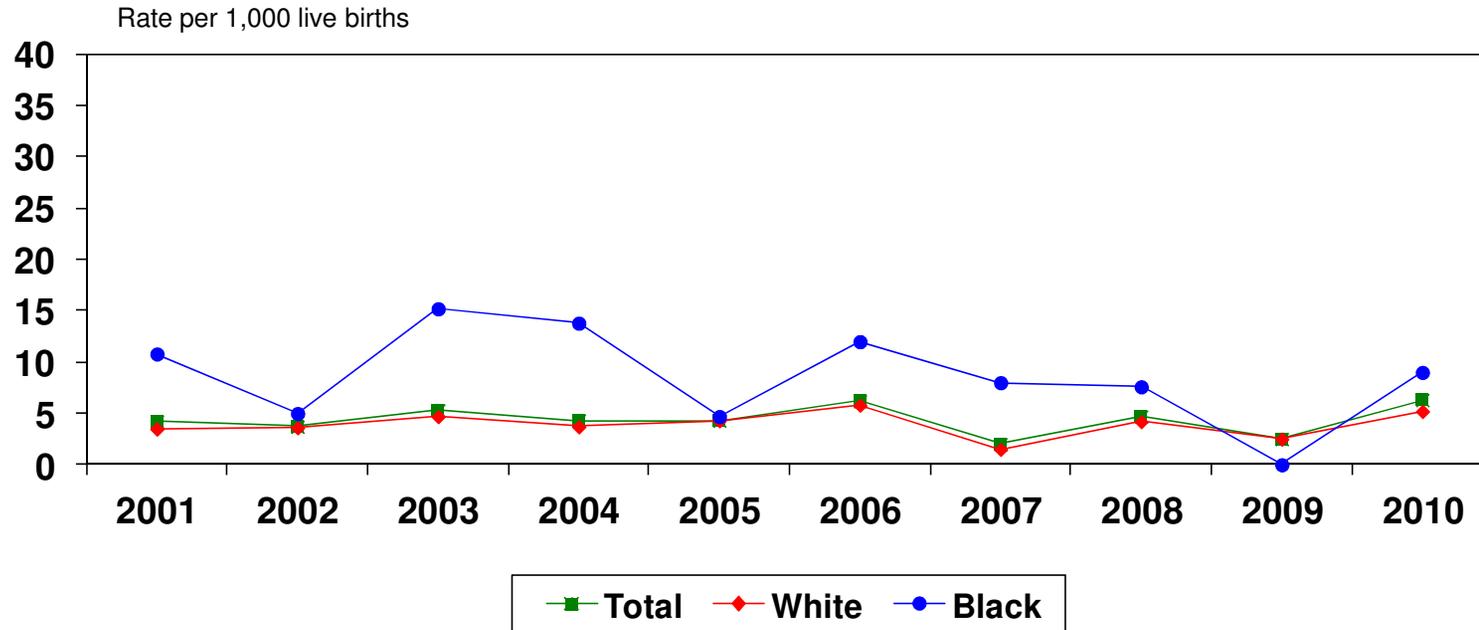


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	4.1	4.1	5.4	5.8	5.3	5.8	5.3	6.7	5.9	3.8
White	4.1*	2.3*	3.7*	5.0	3.7*	2.7*	4.1*	3.9*	5.1	3.1*
Black	4.9*	9.9*	15.0*	10.4*	13.0*	23.0	11.3*	18.4*	12.5*	6.0*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates by Race Elkhart County Residents, 2001-2010

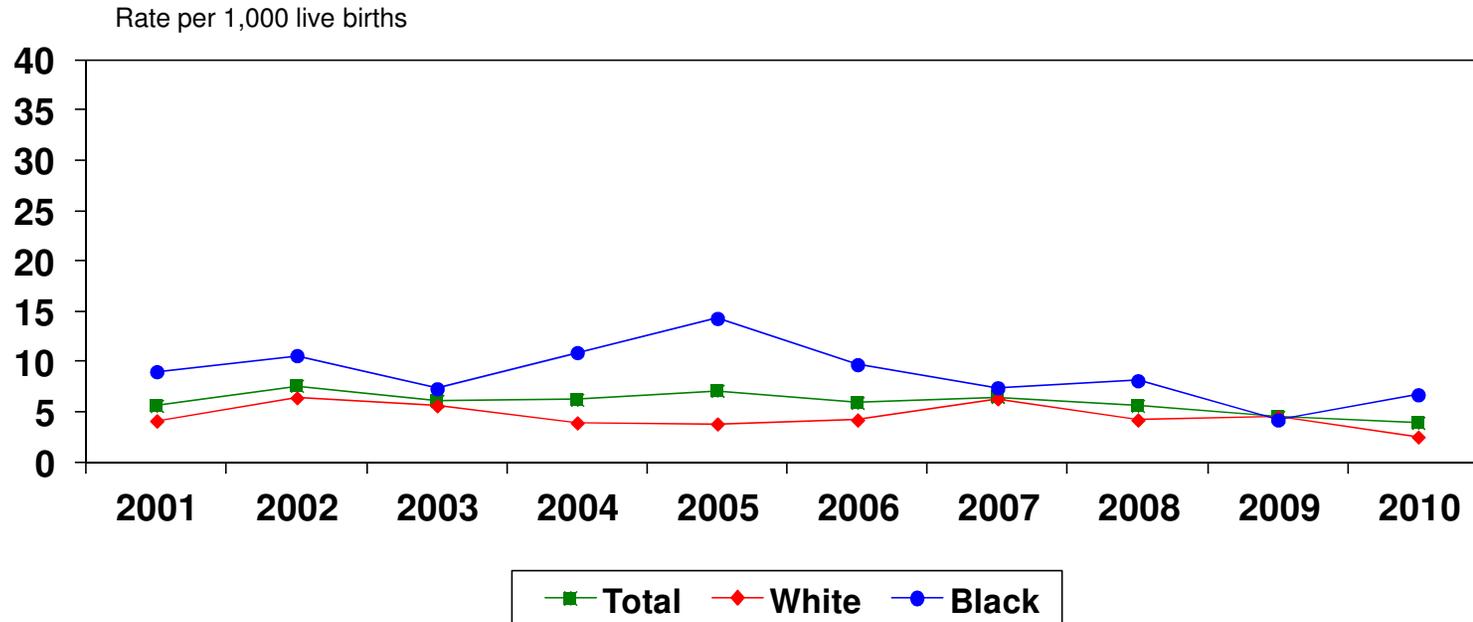


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	4.2*	3.7*	5.3*	4.3*	4.3*	6.2	2.0*	4.7*	2.5*	6.3*
White	3.5*	3.6*	4.7*	3.7*	4.3*	5.8*	1.5*	4.2*	2.5*	5.2*
Black	10.8*	5.0*	15.2*	13.8*	4.7*	12.0*	8.0*	7.6*	0.0*	9.0*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates by Race Lake County Residents, 2001-2010

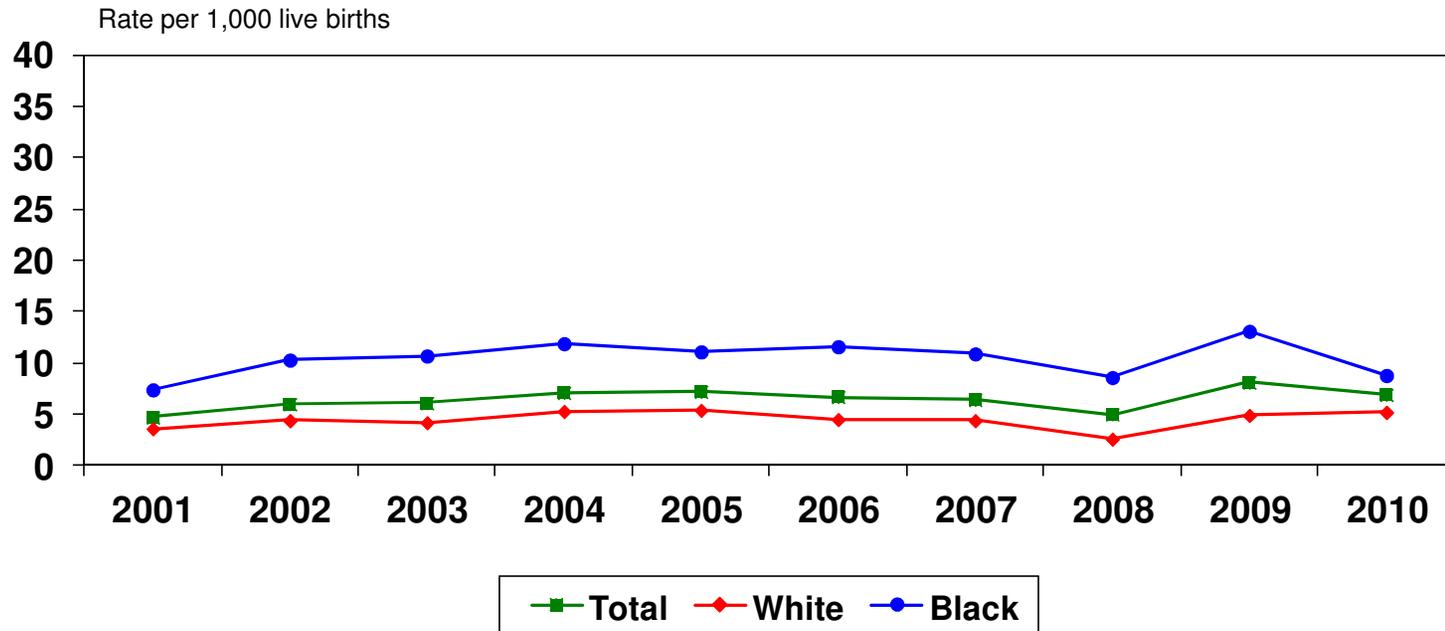


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	5.6	7.6	6.1	6.2	7.1	5.9	6.5	5.6	4.5	3.9
White	4.1*	6.4	5.6	3.9*	3.8*	4.2*	6.3	4.2*	4.5*	2.5*
Black	9.0	10.6	7.3*	10.9	14.3	9.7	7.4*	8.1*	4.2*	6.7*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates by Race Marion County Residents, 2001-2010

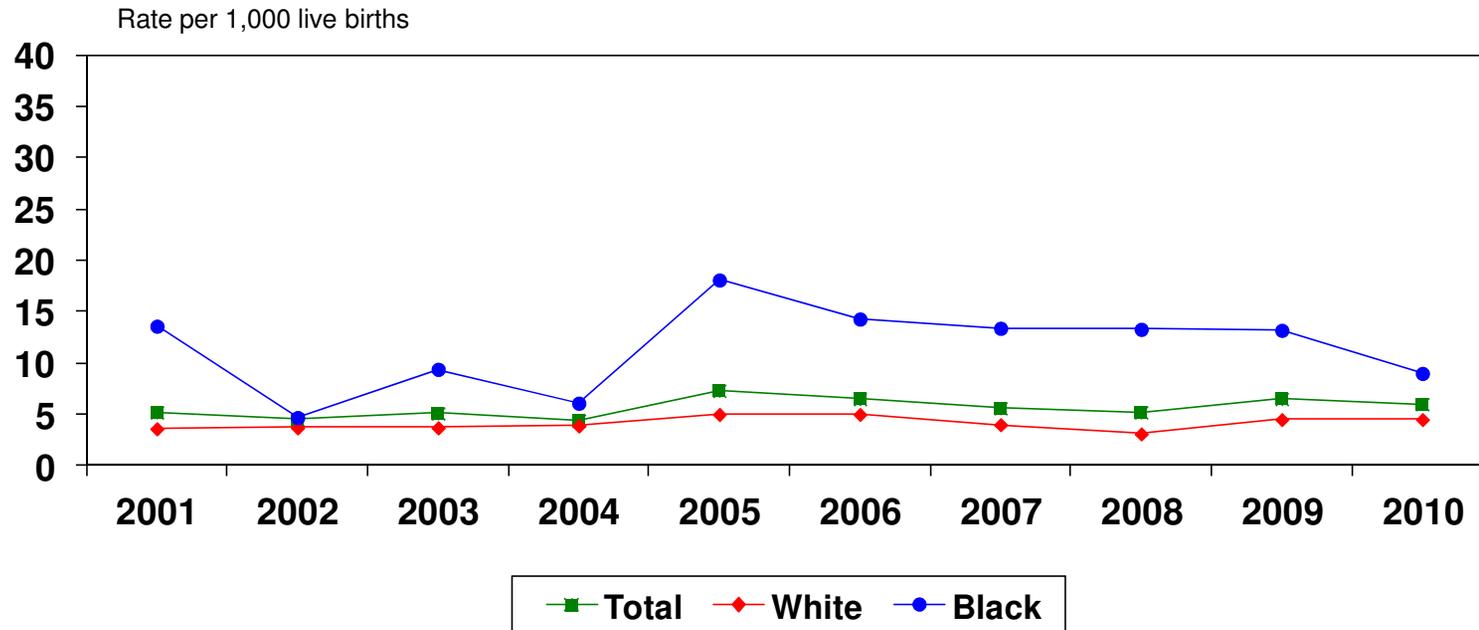


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	4.7	6.0	6.1	7.1	7.2	6.7	6.4	5.0	8.1	6.9
White	3.6	4.4	4.2	5.3	5.4	4.5	4.4	2.6	4.9	5.2
Black	7.4	10.3	10.7	11.9	11.1	11.6	10.9	8.6	13.1	8.8

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates by Race

St. Joseph County Residents, 2001-2010

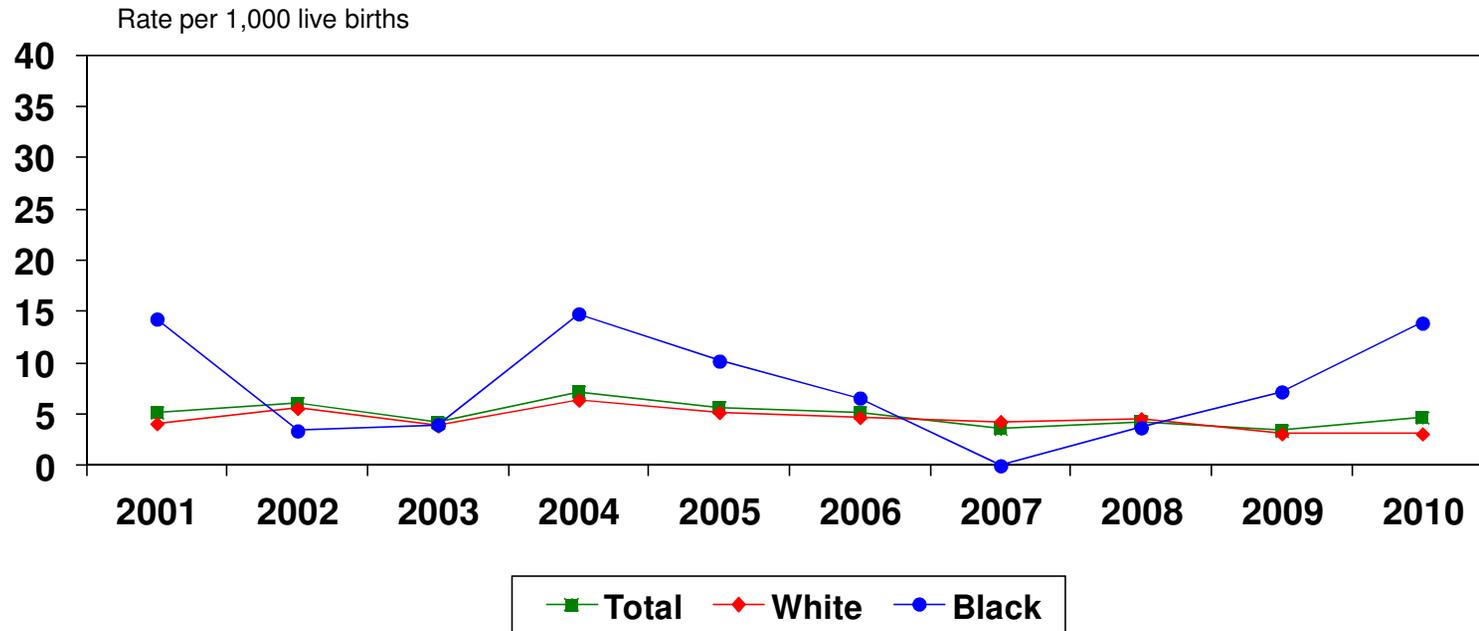


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	5.2	4.5*	5.1*	4.4*	7.3	6.5	5.6	5.2	6.5	6.0
White	3.6*	3.7*	3.7*	3.9*	5.0*	5.0*	4.0*	3.1*	4.5*	4.5*
Black	13.6*	4.7*	9.4*	6.1*	18.1*	14.3*	13.4*	13.3*	13.2*	9.0*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates by Race Vanderburgh County Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	5.2*	6.1*	4.2*	7.2*	5.7*	5.2*	3.6*	4.3*	3.4*	4.7*
White	4.1*	5.6*	3.9*	6.4*	5.2*	4.7*	4.3*	4.6*	3.1*	3.1*
Black	14.3*	3.4*	4.0*	14.8*	10.2*	6.6*	0.0*	3.7*	7.2*	13.9*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

**Neonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2001-2010**

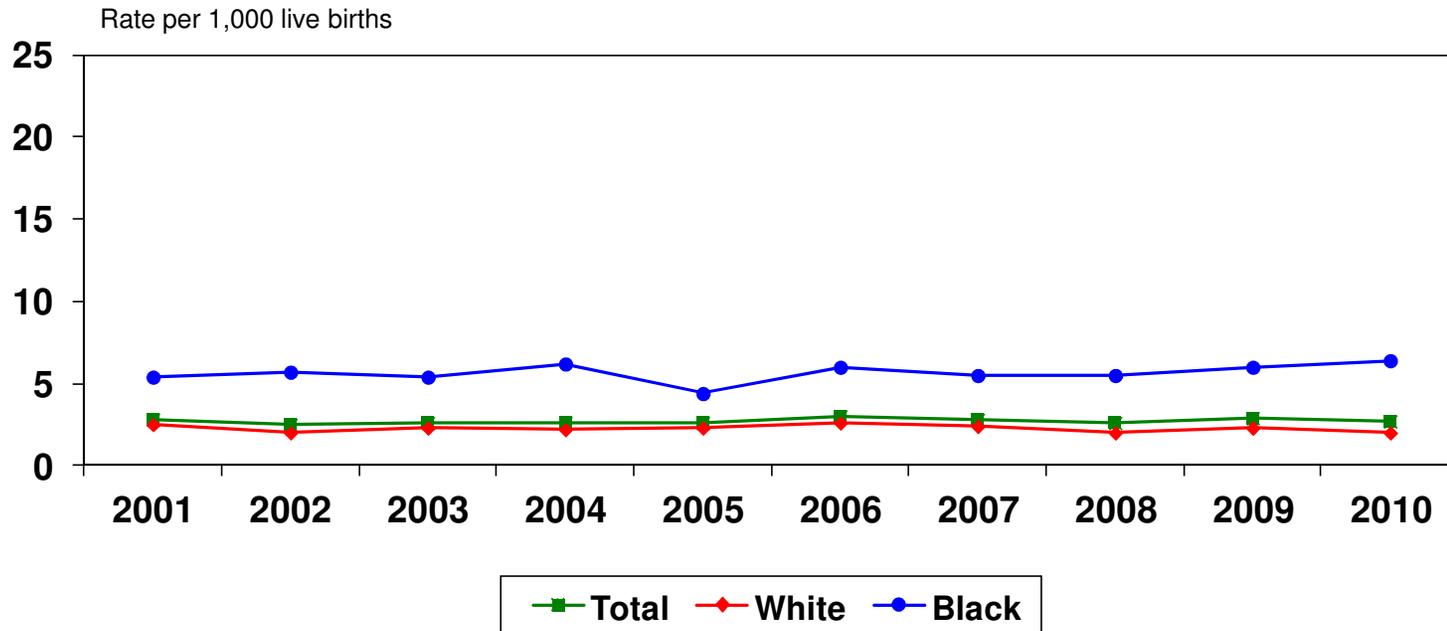
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	Number	Rate																		
INDIANA	414	4.8	441	5.2	417	4.8	472	5.4	475	5.5	433	4.8	428	4.8	387	4.4	428	5.0	407	4.9
White	330	4.4	329	4.4	309	4.1	354	4.7	343	4.5	296	3.8	313	4.1	258	3.5	290	4.0	282	4.0
Black	79	8.3	91	9.8	98	10.6	105	11.0	123	12.5	126	12.1	105	10.2	98	9.3	103	10.1	84	8.4
Ratio		1.9		2.2		2.6		2.3		2.8		3.2		2.5		2.7		2.5		2.1
ALL RACES	174	4.8	202	5.7	205	5.7	228	6.2	239	6.5	238	6.3	208	5.6	196	5.3	225	6.1	196	5.6
Allen	22	4.1	21	4.1	28	5.4	31	5.8	28	5.3	32	5.8	29	5.3	37	6.7	32	5.9	20	3.8
Elkhart	13	4.2	11	3.7	17	5.3	14	4.3	15	4.3	22	6.2	7	2.0	16	4.7	8	2.5	19	6.3
Lake	39	5.6	52	7.6	42	6.1	43	6.2	49	7.1	41	5.9	44	6.5	37	5.6	30	4.5	25	3.9
Marion	68	4.7	87	6.0	89	6.1	106	7.1	105	7.2	104	6.7	98	6.4	76	5.0	124	8.1	100	6.9
St. Joseph	20	5.2	17	4.5	19	5.1	17	4.4	28	7.3	26	6.5	21	5.6	20	5.2	23	6.5	21	6.0
Vanderburgh	12	5.2	14	6.1	10	4.2	17	7.2	14	5.7	13	5.2	9	3.6	10	4.3	8	3.4	11	4.7
WHITE	102	3.8	116	4.3	118	4.3	131	4.8	128	4.7	124	4.4	118	4.3	90	3.4	115	4.4	103	4.2
Allen	18	4.1	10	2.3	16	3.7	22	5.0	16	3.7	12	2.7	18	4.1	16	3.9	21	5.1	13	3.1
Elkhart	10	3.5	10	3.6	14	4.7	11	3.7	14	4.3	19	5.8	5	1.5	13	4.2	7	2.5	14	5.2
Lake	19	4.1	29	6.4	26	5.6	18	3.9	17	3.8	19	4.2	28	6.3	17	4.2	19	4.5	10	2.5
Marion	36	3.6	45	4.4	43	4.2	55	5.3	55	5.4	48	4.5	46	4.4	26	2.6	50	4.9	48	5.2
St. Joseph	11	3.6	11	3.7	11	3.7	12	3.9	15	5.0	16	5.0	12	4.0	9	3.1	12	4.5	12	4.5
Vanderburgh	8	4.1	11	5.6	8	3.9	13	6.4	11	5.2	10	4.7	9	4.3	9	4.6	6	3.1	6	3.1
BLACK	69	8.4	76	9.5	80	9.9	92	11.2	105	12.6	109	12.3	85	9.8	86	9.7	88	10.3	70	8.2
Allen	4	4.9	7	9.9	11	15.0	8	10.4	10	13.0	20	23.0	10	11.3	17	18.4	11	12.5	5	6.0
Elkhart	2	10.8	1	5.0	3	15.2	3	13.8	1	4.7	3	12.0	2	8.0	2	7.6	0	0.0	2	9.0
Lake	20	9.0	23	10.6	16	7.3	24	10.9	32	14.3	22	9.7	16	7.4	18	8.1	9	4.2	14	6.7
Marion	30	7.4	41	10.3	43	10.7	49	11.9	46	11.1	52	11.6	48	10.9	38	8.6	57	13.1	39	8.8
St. Joseph	9	13.6	3	4.7	6	9.4	4	6.1	13	18.1	10	14.3	9	13.4	10	13.3	9	13.2	6	9.0
Vanderburgh	4	14.3	1	3.4	1	4.0	4	14.8	3	10.2	2	6.6	0	0.0	1	3.7	2	7.2	4	13.9
RATIO																				
Allen		1.2		4.3		4.1		2.1		3.5		8.5		2.8		4.7		2.5		1.9
Elkhart		3.1		1.4		3.2		3.7		1.1		2.1		5.3		1.8		0.0		1.7
Lake		2.2		1.7		1.3		2.8		3.8		2.3		1.2		1.9		0.9		2.7
Marion		2.1		2.3		2.5		2.2		2.1		2.6		2.5		3.3		2.7		1.7
St. Joseph		3.8		1.3		2.5		1.6		3.6		2.9		3.4		4.3		2.9		2.0
Vanderburgh		3.5		0.6		1.0		2.3		2.0		1.4		0.0		0.8		2.3		4.5

Rate per 1,000 live births.

Shaded area: Numerator is less than 20, and the rate is unstable. The ratio is unstable if the numerator or denominator is less than 20.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

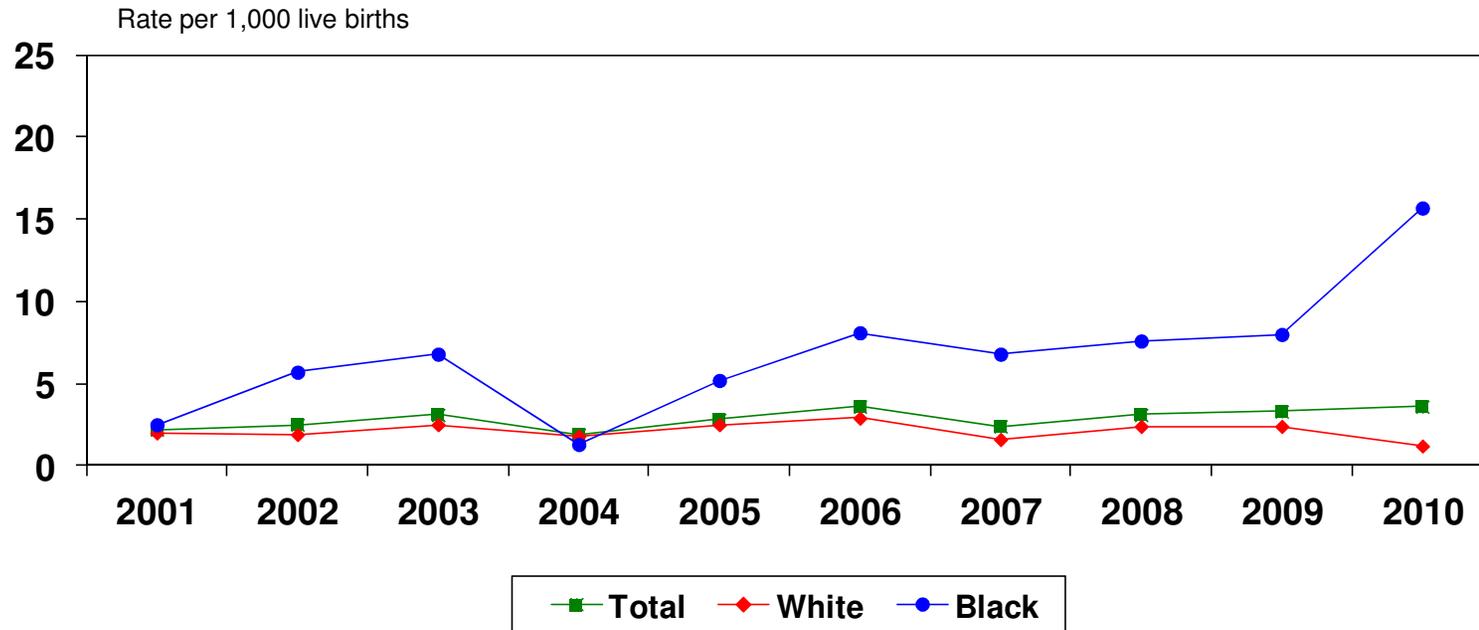
Postneonatal Mortality Rates by Race Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	2.8	2.5	2.6	2.6	2.6	3.0	2.8	2.6	2.9	2.7
White	2.5	2.0	2.3	2.2	2.3	2.6	2.4	2.0	2.3	2.0
Black	5.4	5.7	5.4	6.2	4.4	6.0	5.5	5.5	6.0	6.4

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates by Race Allen County Residents, 2001-2010

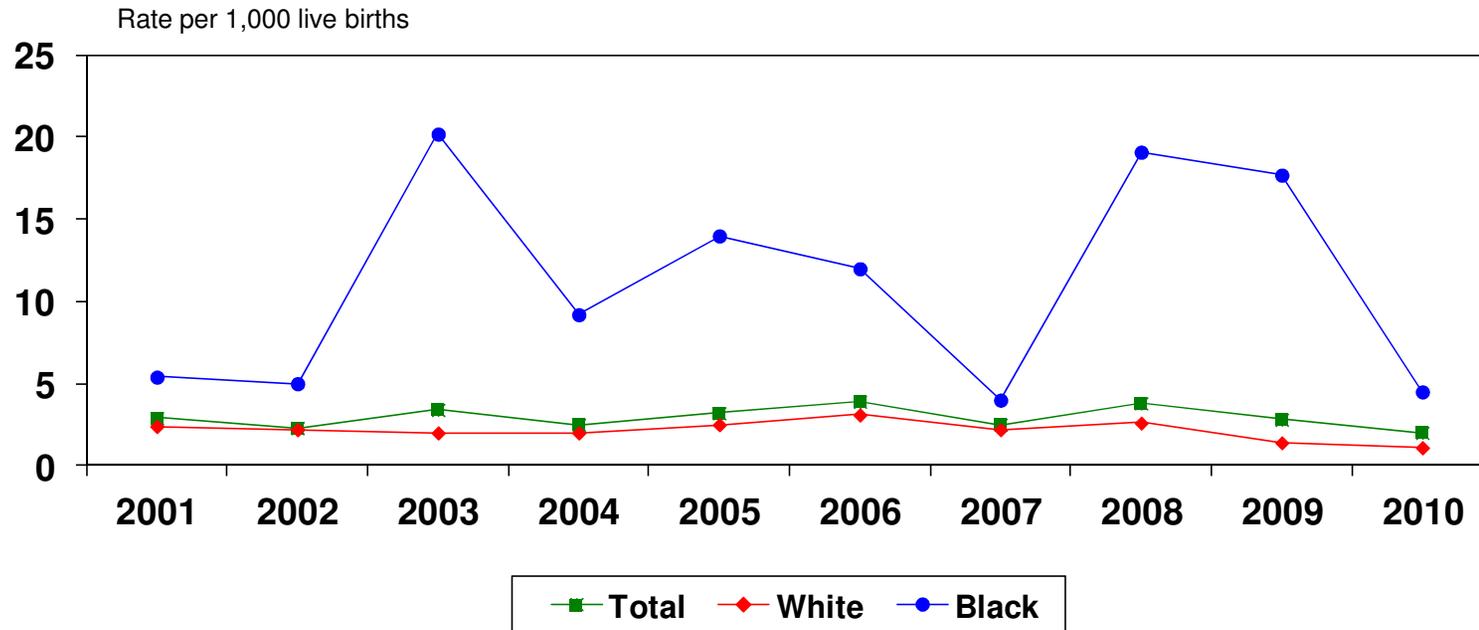


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	2.2*	2.5*	3.1*	1.9*	2.8*	3.6	2.4*	3.1*	3.3*	3.6*
White	2.0*	1.8*	2.5*	1.8*	2.5*	2.9*	1.6*	2.4*	2.4*	1.2*
Black	2.5*	5.7*	6.8*	1.3*	5.2*	8.1*	6.8*	7.6*	8.0*	15.7*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates by Race Elkhart County Residents, 2001-2010

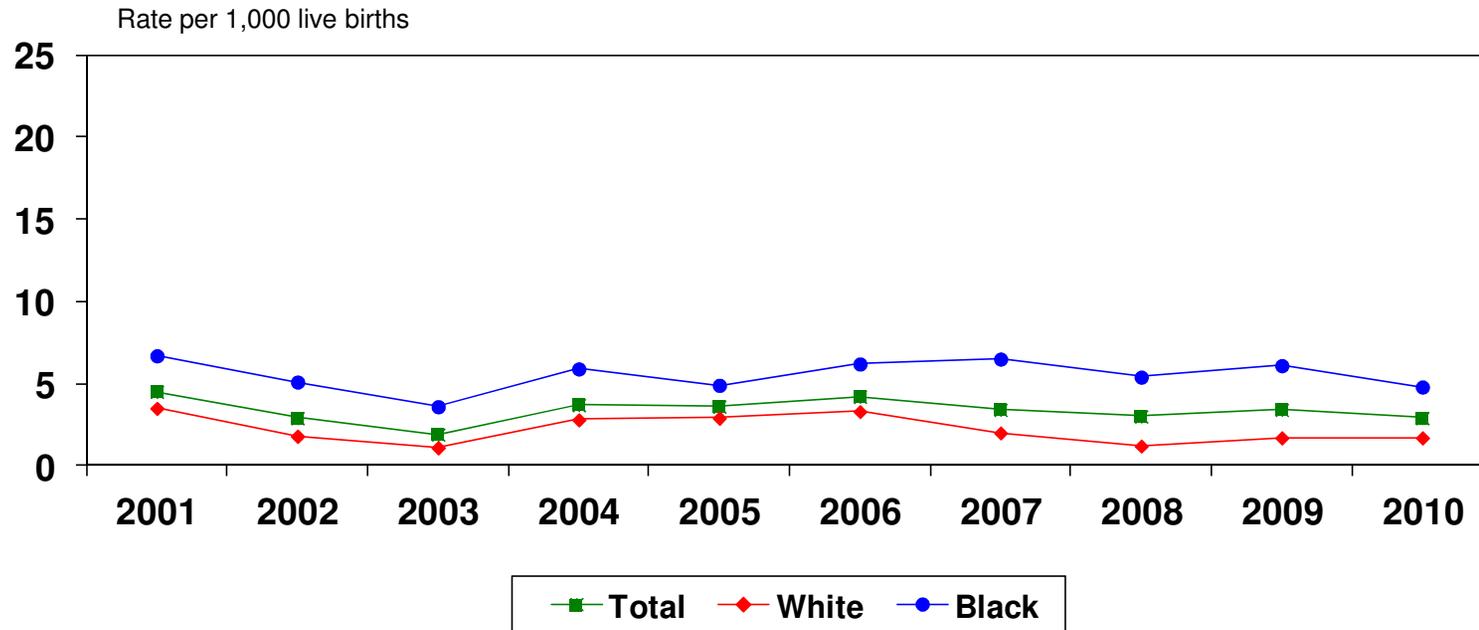


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	2.9*	2.3*	3.4*	2.5*	3.2*	3.9*	2.5*	3.8*	2.8*	2.0*
White	2.4*	2.2*	2.0*	2.0*	2.5*	3.1*	2.2*	2.6*	1.4*	1.1*
Black	5.4*	5.0*	20.2*	9.2*	14.0*	12.0*	4.0*	19.1*	17.7*	4.5*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates by Race Lake County Residents, 2001-2010

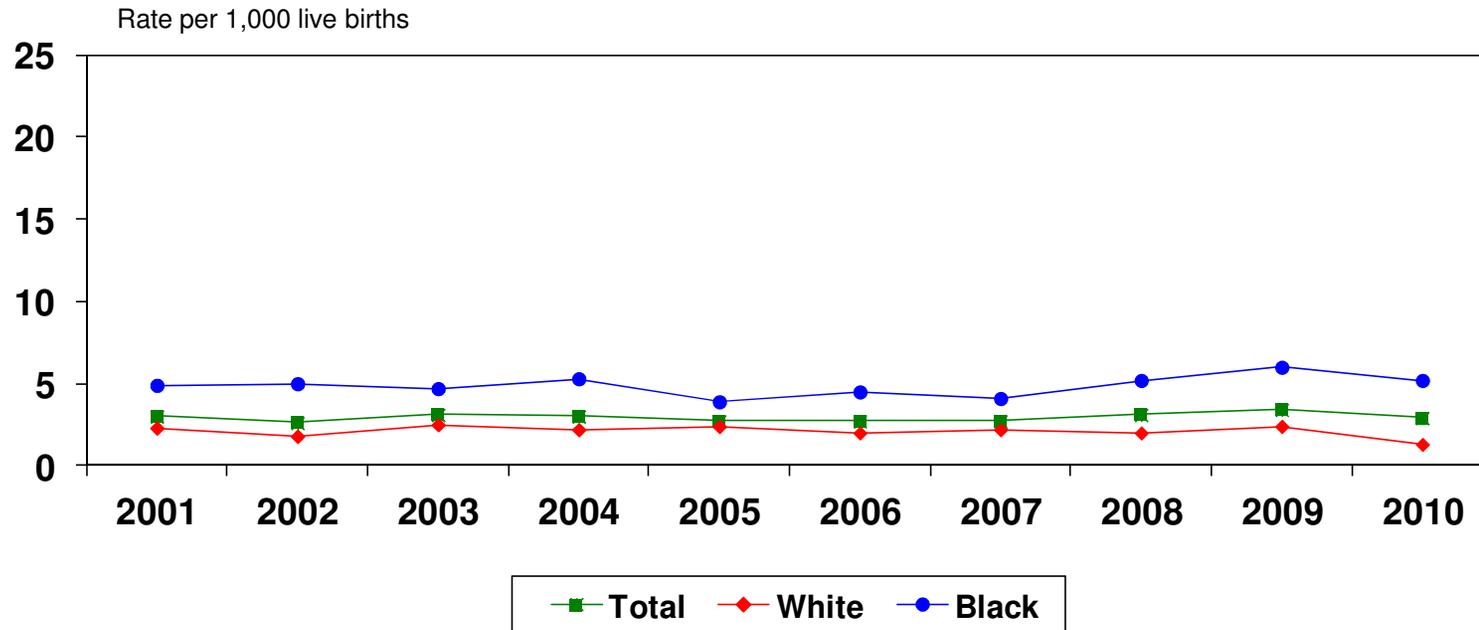


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	4.5	2.9	1.9*	3.7	3.6	4.2	3.4	3.0	3.4	2.9*
White	3.5*	1.8*	1.1*	2.8*	2.9*	3.3*	2.0*	1.2*	1.7*	1.7*
Black	6.7*	5.1*	3.6*	5.9*	4.9*	6.2*	6.5*	5.4*	6.1*	4.8*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates by Race Marion County Residents, 2001-2010

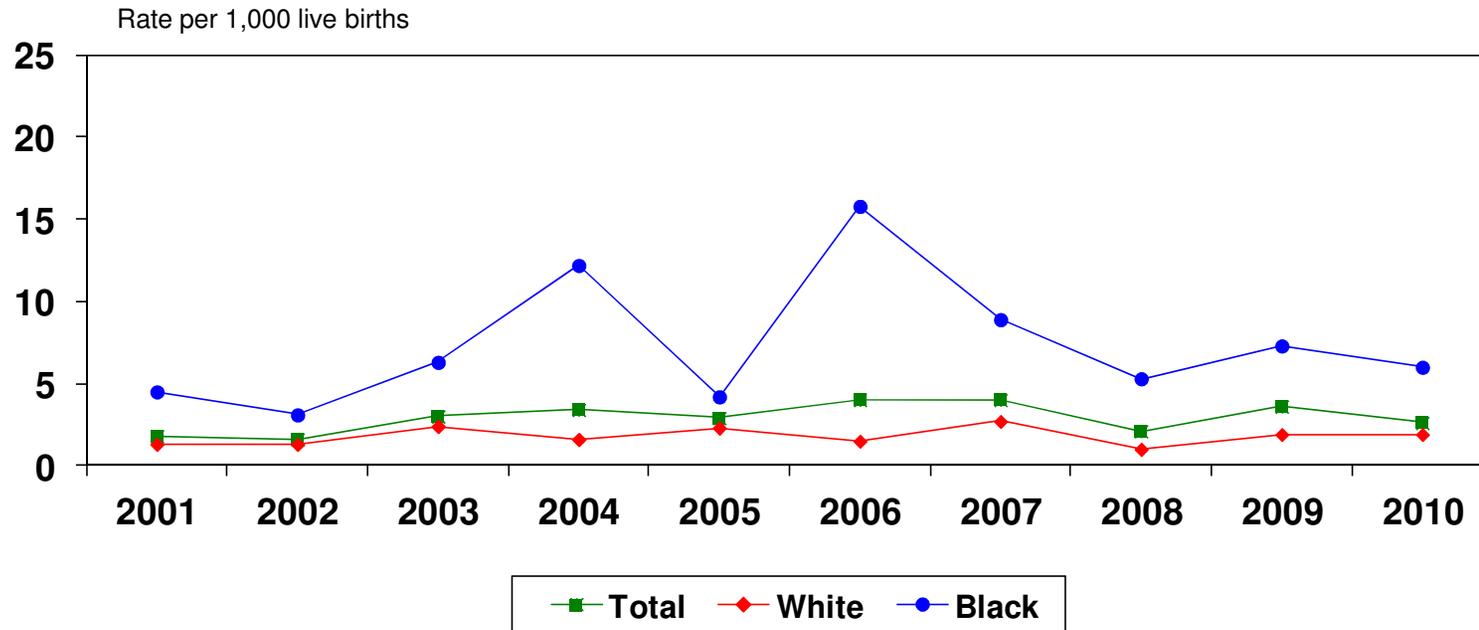


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	3.0	2.6	3.1	3.0	2.7	2.7	2.7	3.1	3.4	2.9
White	2.3	1.8*	2.5	2.2	2.4	2.0	2.2	2.0	2.4	1.3*
Black	4.9	5.0	4.7*	5.3	3.9*	4.5	4.1*	5.2	6.0	5.2

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates by Race St. Joseph County Residents, 2001-2010

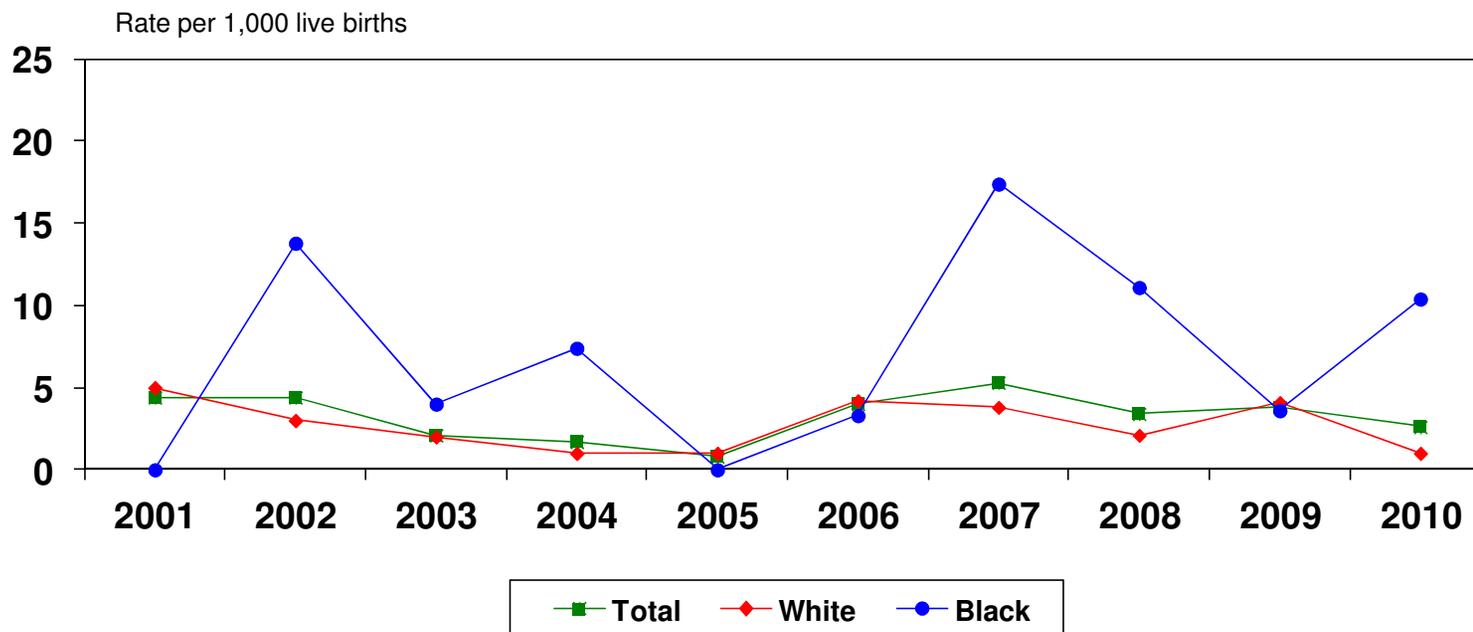


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	1.8*	1.6*	3.0*	3.4*	2.9*	4.0*	4.0*	2.1*	3.6*	2.6*
White	1.3*	1.3*	2.4*	1.6*	2.3*	1.5*	2.7*	1.0*	1.9*	1.9*
Black	4.5*	3.1*	6.3*	12.2*	4.2*	15.8*	8.9*	5.3*	7.3*	6.0*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates by Race Vanderburgh County Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	4.4*	4.4*	2.1*	1.7*	0.8*	4.0*	5.3*	3.4*	3.8*	2.6*
White	5.1*	3.0*	2.0*	1.0*	1.0*	4.2*	3.8*	2.1*	4.1*	1.0*
Black	0.0*	13.7*	4.0*	7.4*	0.0*	3.3*	17.4*	11.1*	3.6*	10.4*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

**Postneonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2001-2010**

	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	Number	Rate																		
INDIANA	238	2.8	208	2.5	224	2.6	230	2.6	224	2.6	269	3.0	249	2.8	229	2.6	247	2.9	223	2.7
White	184	2.5	150	2.0	170	2.3	168	2.2	176	2.3	199	2.6	186	2.4	151	2.0	168	2.3	138	2.0
Black	51	5.4	53	5.7	50	5.4	59	6.2	43	4.4	62	6.0	57	5.5	58	5.5	61	6.0	64	6.4
Ratio		2.2		2.9		2.3		2.8		1.9		2.3		2.3		2.8		2.6		3.2
ALL RACES	112	3.1	94	2.6	102	2.8	106	2.9	104	2.8	131	3.4	115	3.1	114	3.1	124	3.4	101	2.9
Allen	12	2.2	13	2.5	16	3.1	10	1.9	15	2.8	20	3.6	13	2.4	17	3.1	18	3.3	19	3.6
Elkhart	9	2.9	7	2.3	11	3.4	8	2.5	11	3.2	14	3.9	9	2.5	13	3.8	9	2.8	6	2.0
Lake	31	4.5	20	2.9	13	1.9	26	3.7	25	3.6	29	4.2	23	3.4	20	3.0	23	3.4	19	2.9
Marion	43	3.0	38	2.6	46	3.1	45	3.0	40	2.7	42	2.7	42	2.7	48	3.1	52	3.4	42	2.9
St. Joseph	7	1.8	6	1.6	11	3.0	13	3.4	11	2.9	16	4.0	15	4.0	8	2.1	13	3.6	9	2.6
Vanderburgh	10	4.4	10	4.4	5	2.1	4	1.7	2	0.8	10	4.0	13	5.3	8	3.4	9	3.8	6	2.6
WHITE	69	2.6	50	1.9	59	2.2	57	2.1	65	2.4	73	2.6	62	2.2	50	1.9	58	2.2	34	1.4
Allen	9	2.0	8	1.8	11	2.5	8	1.8	11	2.5	13	2.9	7	1.6	10	2.4	10	2.4	5	1.2
Elkhart	7	2.4	6	2.2	6	2.0	6	2.0	8	2.5	10	3.1	7	2.2	8	2.6	4	1.4	3	1.1
Lake	16	3.5	8	1.8	5	1.1	13	2.8	13	2.9	15	3.3	9	2.0	5	1.2	7	1.7	7	1.7
Marion	23	2.3	18	1.8	26	2.5	23	2.2	24	2.4	21	2.0	23	2.2	20	2.0	24	2.4	12	1.3
St. Joseph	4	1.3	4	1.3	7	2.4	5	1.6	7	2.3	5	1.5	8	2.7	3	1.0	5	1.9	5	1.9
Vanderburgh	10	5.1	6	3.0	4	2.0	2	1.0	2	1.0	9	4.2	8	3.8	4	2.1	8	4.1	2	1.0
BLACK	41	5.0	42	5.3	41	5.1	48	5.8	37	4.4	56	6.3	50	5.8	54	6.1	56	6.5	54	6.3
Allen	2	2.5	4	5.7	5	6.8	1	1.3	4	5.2	7	8.1	6	6.8	7	7.6	7	8.0	13	15.7
Elkhart	1	5.4	1	5.0	4	20.2	2	9.2	3	14.0	3	12.0	1	4.0	5	19.1	4	17.7	1	4.5
Lake	15	6.7	11	5.1	8	3.6	13	5.9	11	4.9	14	6.2	14	6.5	12	5.4	13	6.1	10	4.8
Marion	20	4.9	20	5.0	19	4.7	22	5.3	16	3.9	20	4.5	18	4.1	23	5.2	26	6.0	23	5.2
St. Joseph	3	4.5	2	3.1	4	6.3	8	12.2	3	4.2	11	15.8	6	8.9	4	5.3	5	7.3	4	6.0
Vanderburgh	0	0.0	4	13.7	1	4.0	2	7.4	0	0.0	1	3.3	5	17.4	3	11.1	1	3.6	3	10.4
RATIO																				
Allen		1.3		3.2		2.7		0.7		2.1		2.8		4.3		3.2		3.3		13.1
Elkhart		2.3		2.3		10.1		4.6		5.6		3.9		1.8		7.3		12.6		4.1
Lake		1.9		2.8		3.3		2.1		1.7		1.9		3.3		4.5		3.6		2.8
Marion		2.1		2.8		1.9		2.4		1.6		2.3		1.9		2.6		2.5		4.0
St. Joseph		3.5		2.4		2.6		7.6		1.8		10.5		3.3		5.3		3.8		3.2
Vanderburgh		0.0		4.6		2.0		7.4		0.0		0.8		4.6		5.3		0.9		10.4

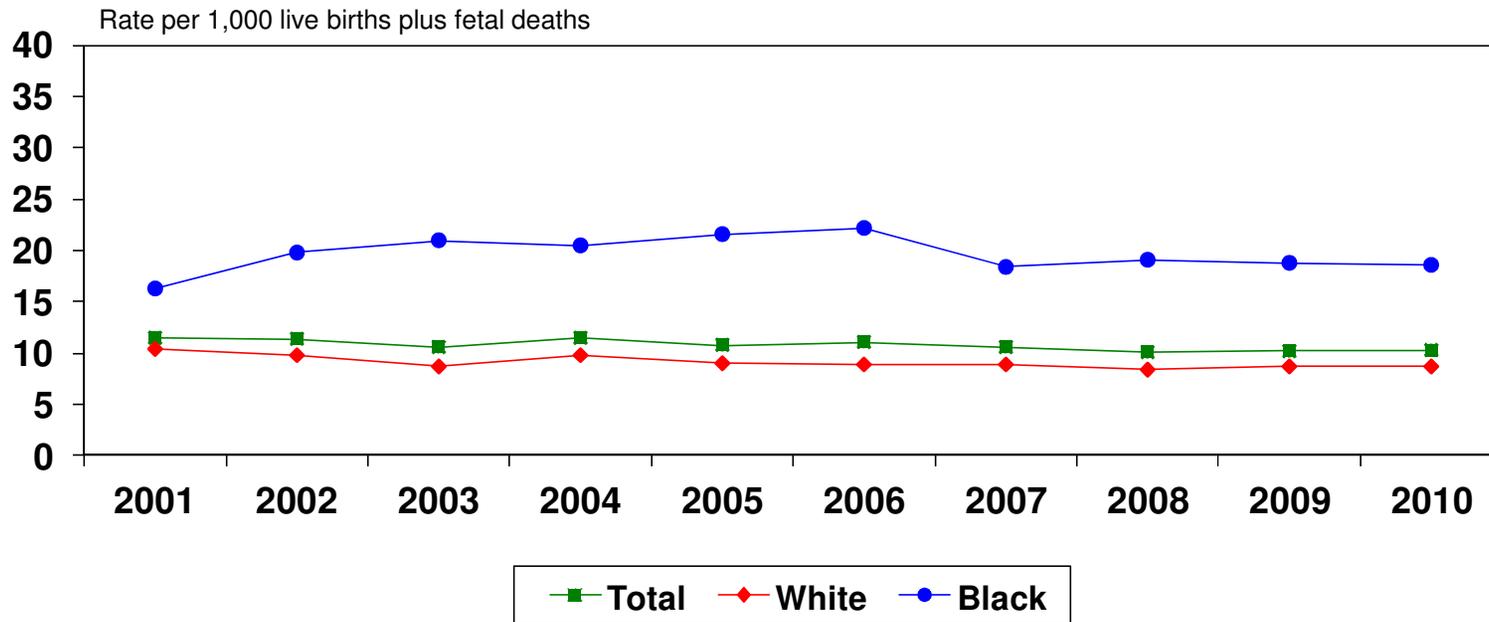
Rate per 1,000 live births.

Shaded area: Numerator is less than 20, and the rate is unstable. The ratio is unstable if the numerator or denominator is less than 20.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Perinatal Mortality Rates by Race

Indiana Residents, 2001-2010

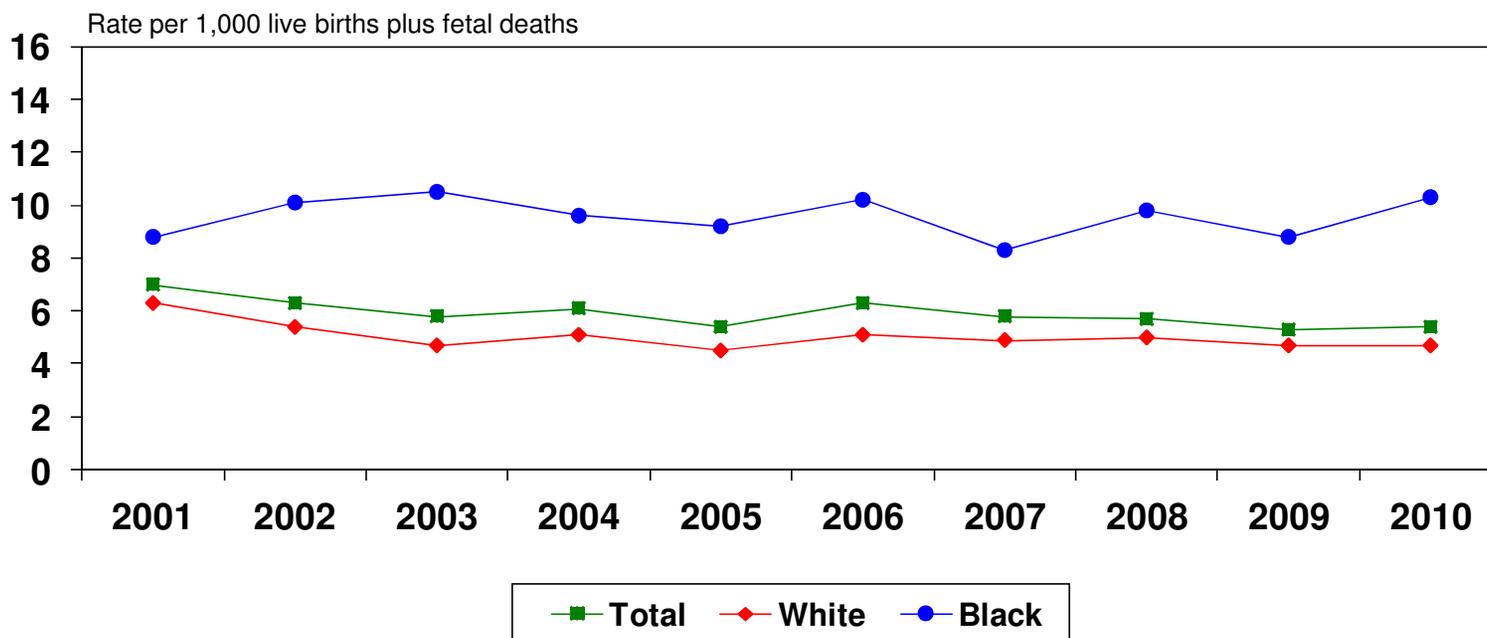


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	11.5	11.4	10.6	11.5	10.8	11.1	10.6	10.1	10.2	10.3
White	10.4	9.8	8.7	9.8	9.0	8.9	8.9	8.4	8.7	8.7
Black	16.3	19.8	21.0	20.5	21.6	22.2	18.4	19.1	18.8	18.6

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Fetal Mortality Rates by Race

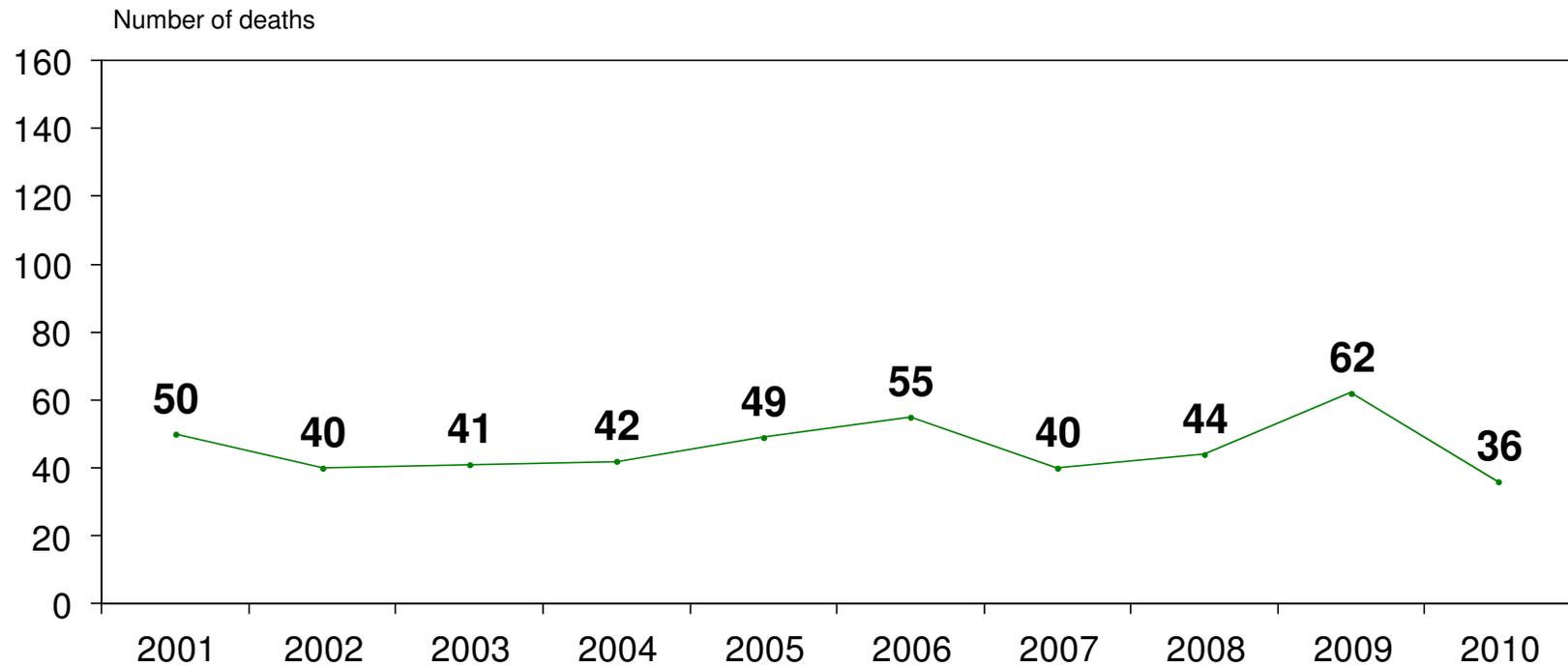
Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	7.0	6.3	5.8	6.1	5.4	6.3	5.8	5.7	5.3	5.4
White	6.3	5.4	4.7	5.1	4.5	5.1	4.9	5.0	4.7	4.7
Black	8.8	10.1	10.5	9.6	9.2	10.2	8.3	9.8	8.8	10.3

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

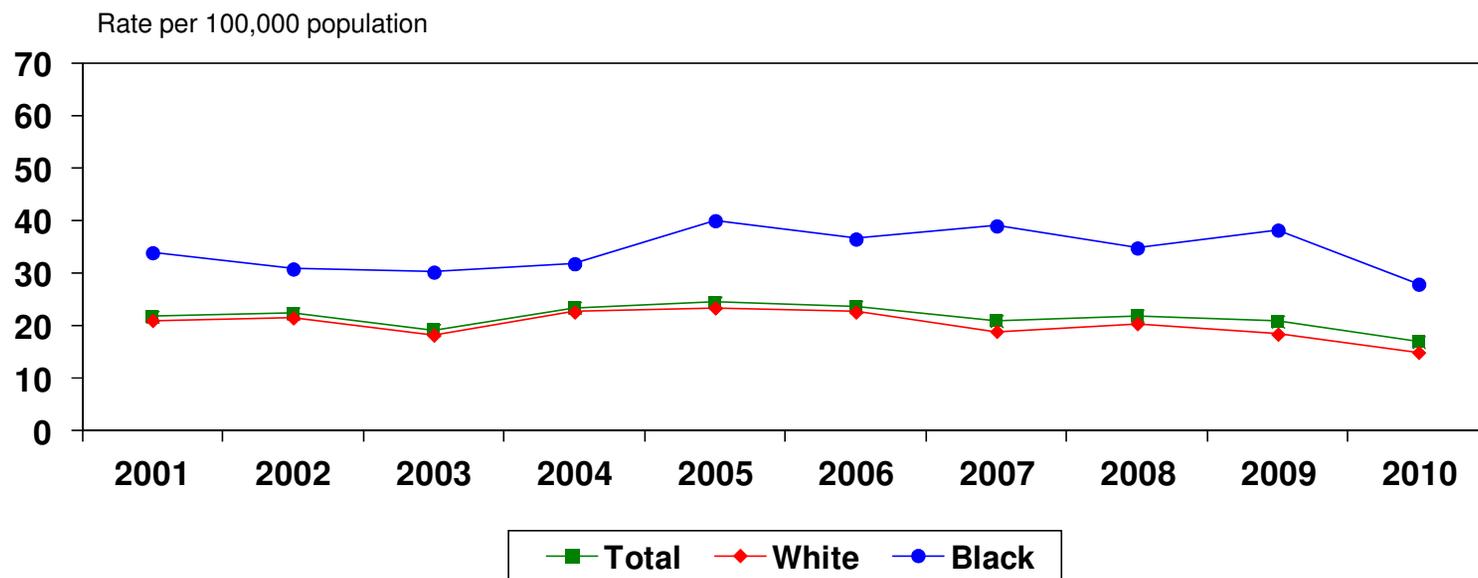
Number of SIDS* Deaths Indiana Residents, 2001-2010 All Races



*Sudden Infant Death Syndrome

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

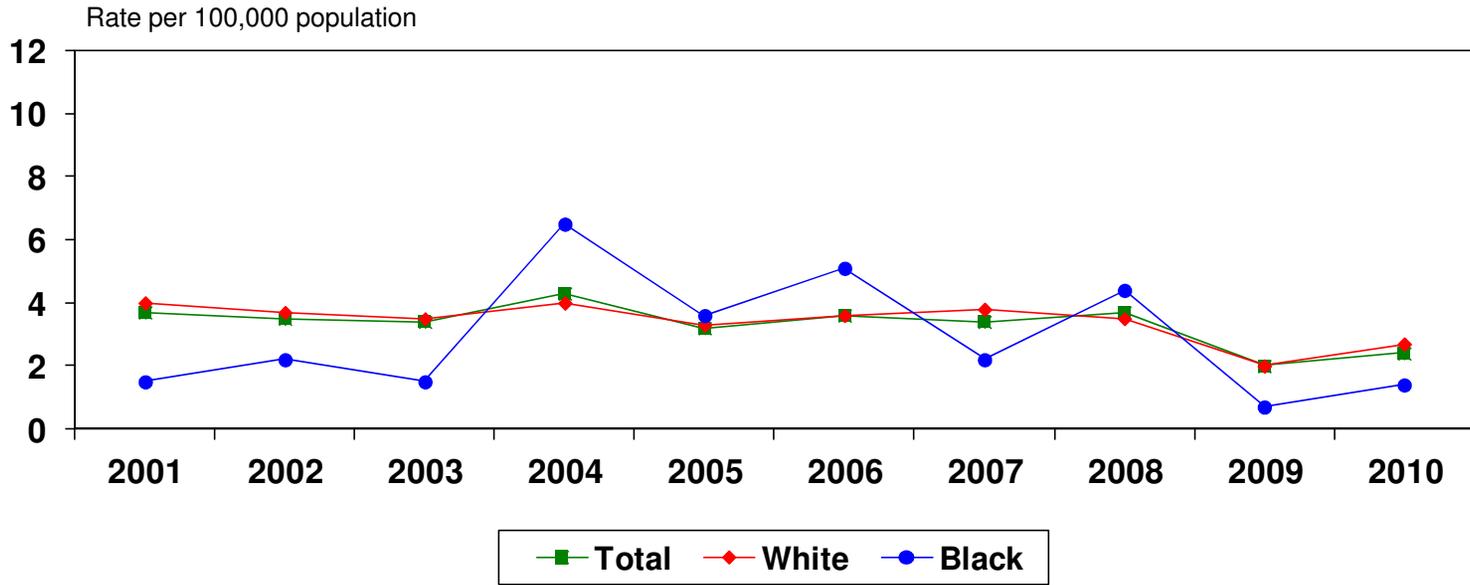
Mortality Rates for Youths Aged 1-14 Years, by Race Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	21.8	22.4	19.3	23.5	24.5	23.7	21.0	22.0	20.9	17.0
White	21.1	21.6	18.3	22.7	23.5	22.7	19.0	20.5	18.5	15.0
Black	34.0	30.9	30.3	31.9	40.1	36.6	39.1	34.9	38.3	28.0

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

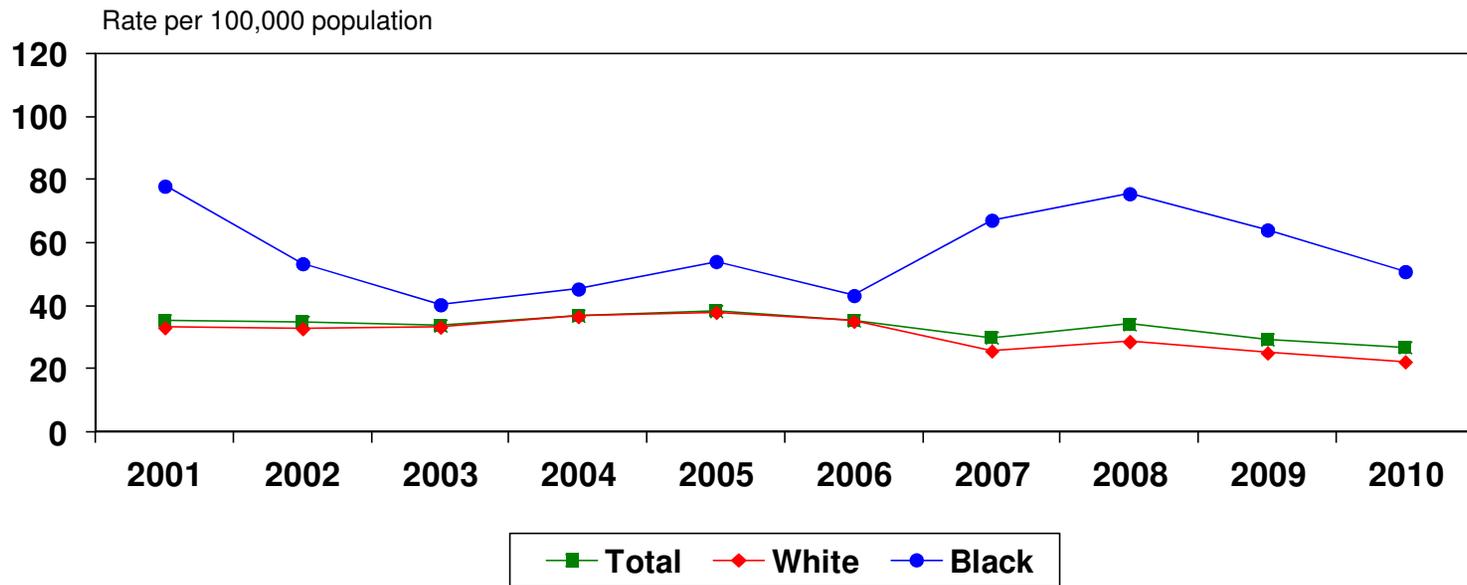
Motor Vehicle Injury Mortality Rates Among Youths Aged 1-14 Years, by Race Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	3.7	3.5	3.4	4.3	3.2	3.6	3.4	3.7	2.0	2.4
White	4.0	3.7	3.5	4.0	3.3	3.6	3.8	3.5	2.0	2.7
Black	1.5*	2.2*	1.5*	6.5*	3.6*	5.1*	2.2*	4.4*	0.7*	1.4*

*Numerator is less than 20, and the rate is unstable.
 Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Mortality Rates for Youths Aged 1-4 Years, by Race Indiana Residents, 2001-2010

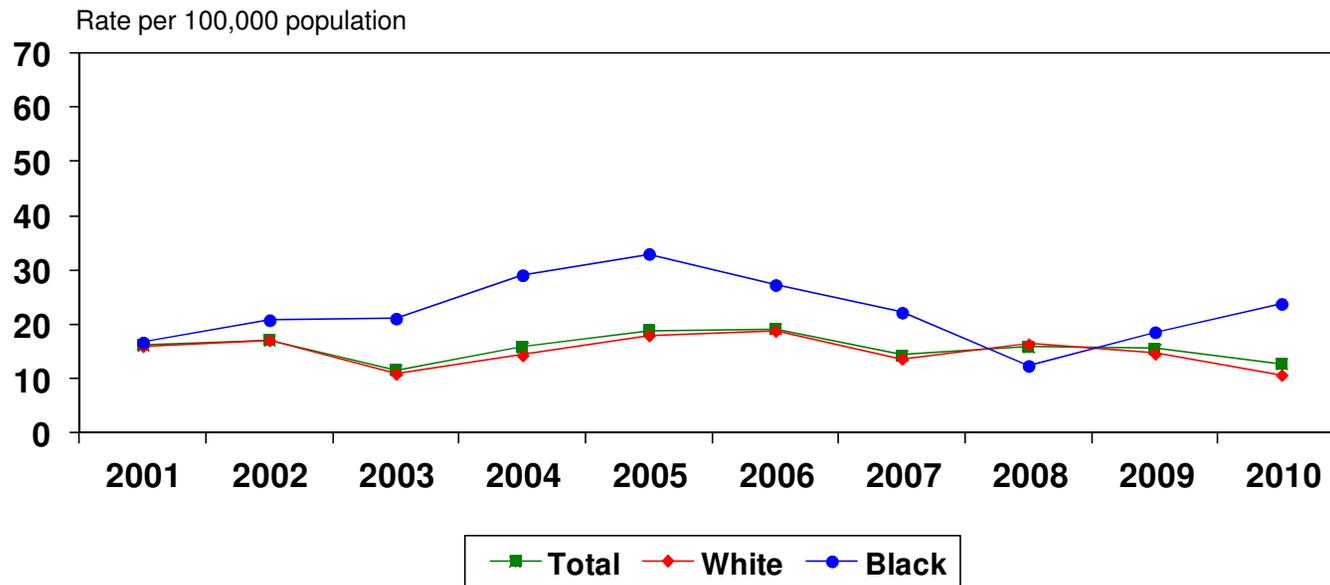


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	35.4	34.9	33.8	36.9	38.4	35.4	30.0	34.2	29.4	26.9
White	33.1	32.8	33.3	36.6	38.0	35.1	25.7	28.7	25.1	22.3
Black	78.0	53.4	40.4*	45.4*	54.1	43.3*	67.2	75.6	64.1	50.9

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Mortality Rates for Youths Aged 5-9 Years, by Race Indiana Residents, 2001-2010

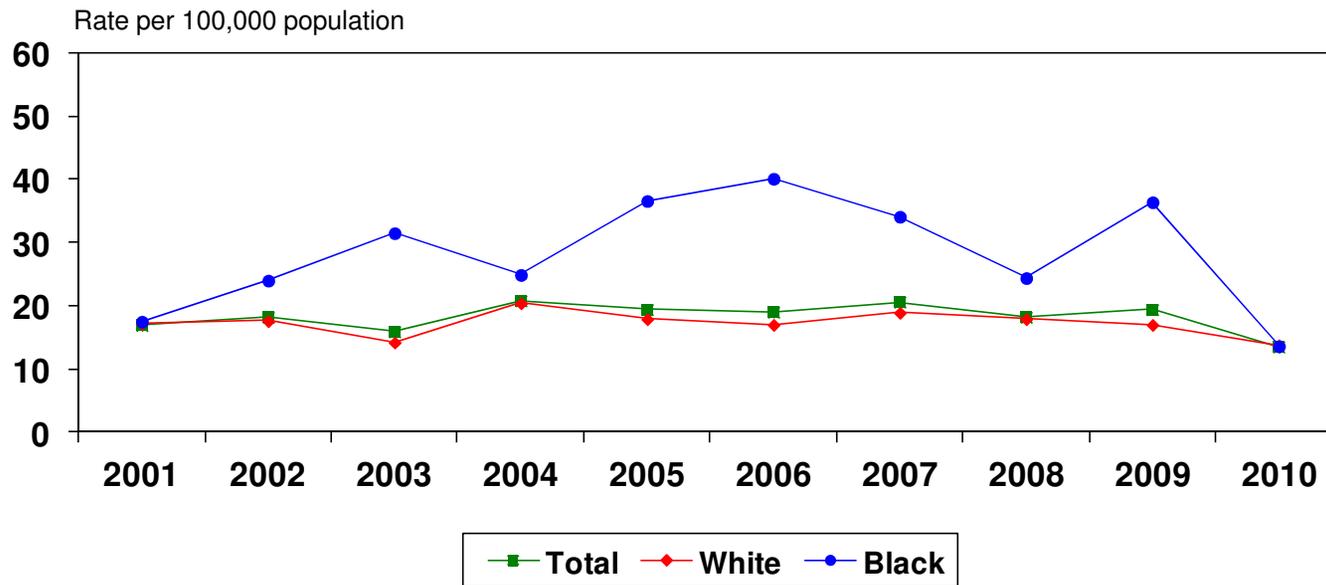


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	16.2	17.1	11.6	15.8	18.9	19.2	14.3	15.9	15.5	12.8
White	16.0	17.1	10.9	14.3	18.0	18.8	13.7	16.4	14.6	10.7
Black	16.7*	20.8*	21.1*	29.1*	33.0*	27.3*	22.2*	12.4*	18.6*	23.8*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Mortality Rates for Youths Aged 10-14 Years, by Race Indiana Residents, 2001-2010

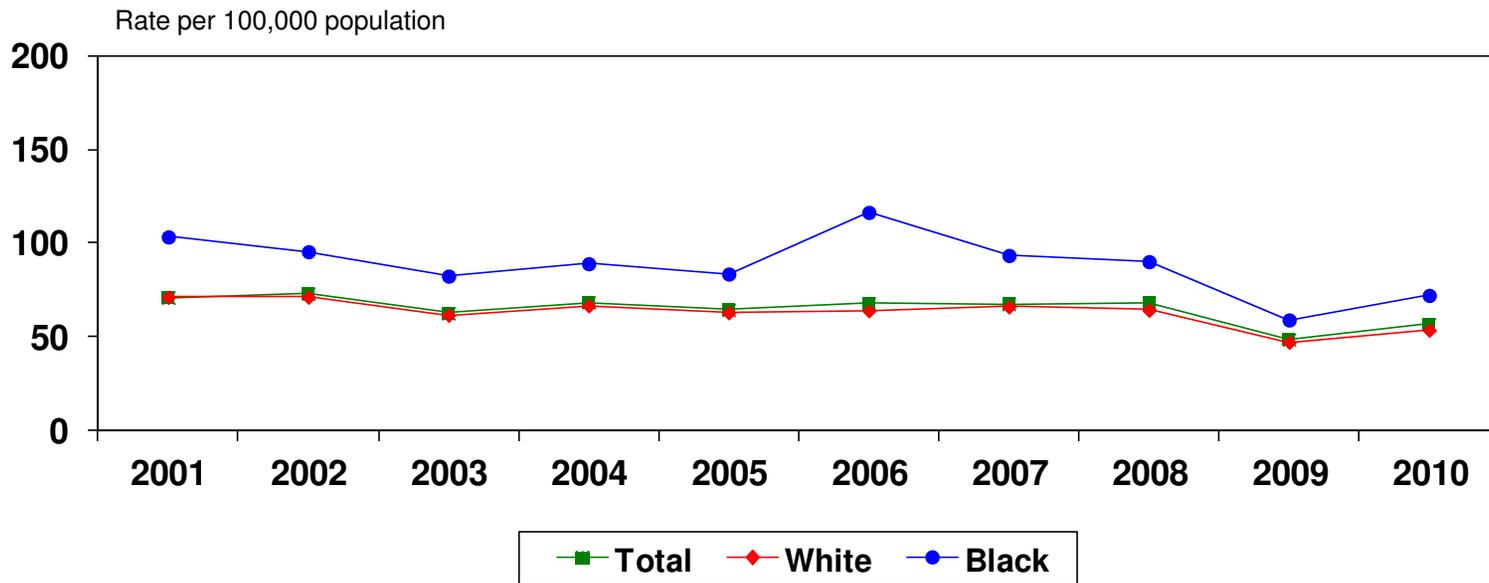


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	16.9	18.2	15.9	20.8	19.4	19.0	20.6	18.2	19.4	13.5
White	17.2	17.6	14.2	20.4	17.9	17.0	18.9	17.9	17.0	13.8
Black	17.5*	24.0*	31.5*	24.9*	36.6*	40.1	34.1*	24.4*	36.4*	13.6*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

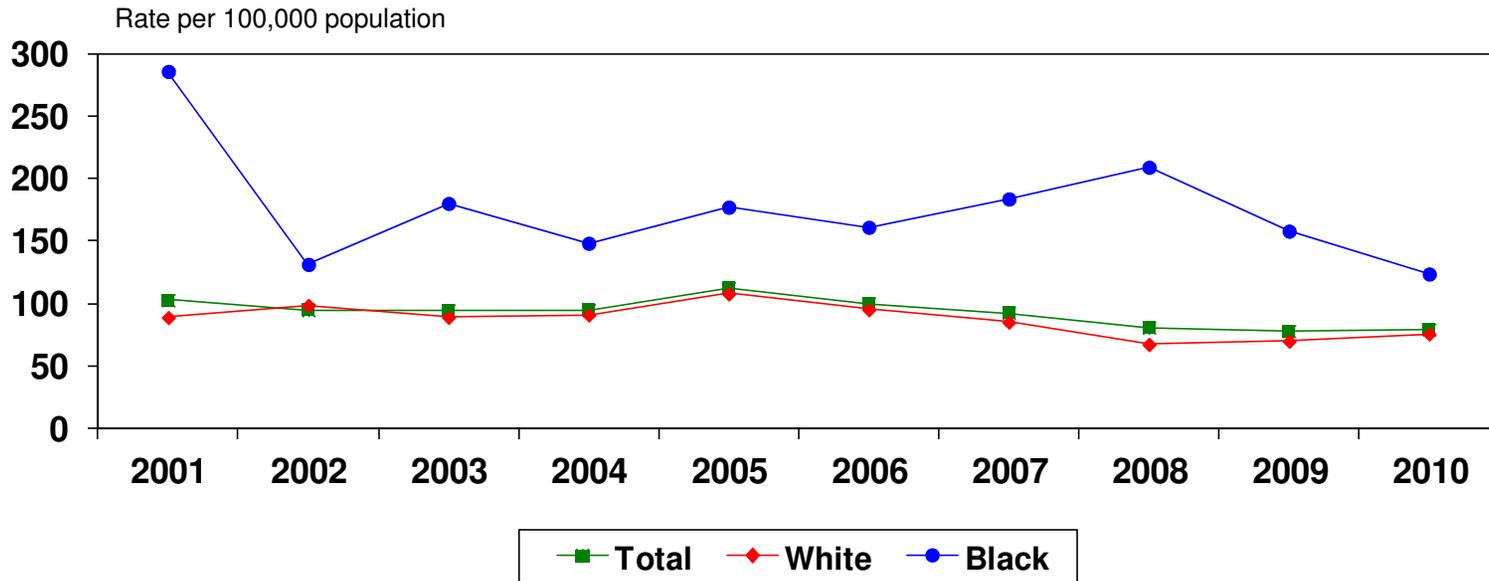
Mortality Rates for Youths Aged 15-19 Years, by Race Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	71.0	73.1	62.6	68.5	64.4	67.9	67.6	68.2	48.6	56.8
White	71.2	71.2	61.6	66.6	63.0	63.9	66.0	64.3	47.2	53.6
Black	103.4	95.5	82.5	89.1	83.6	116.5	93.5	90.2	59.1	72.2

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

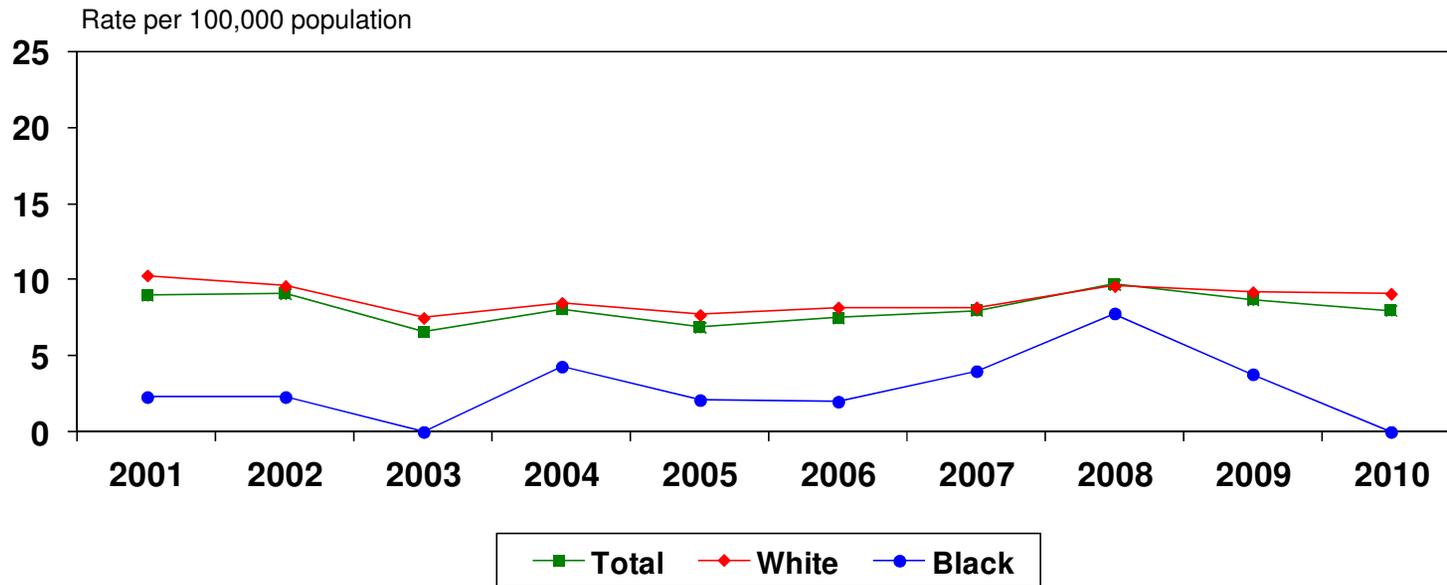
Mortality Rates for Young Adults Aged 20-21 Years, by Race Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	102.8	95.0	94.6	95.0	112.6	100.1	92.6	80.8	78.0	79.3
White	89.0	98.7	89.0	91.0	108.0	95.2	85.2	67.5	70.0	75.7
Black	286.0	131.5	180.3	148.4	177.3	161.2	183.9	209.3	158.1	123.8

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Suicide Mortality Rates Among Youths Aged 15-19 Years, by Race Indiana Residents, 2001-2010

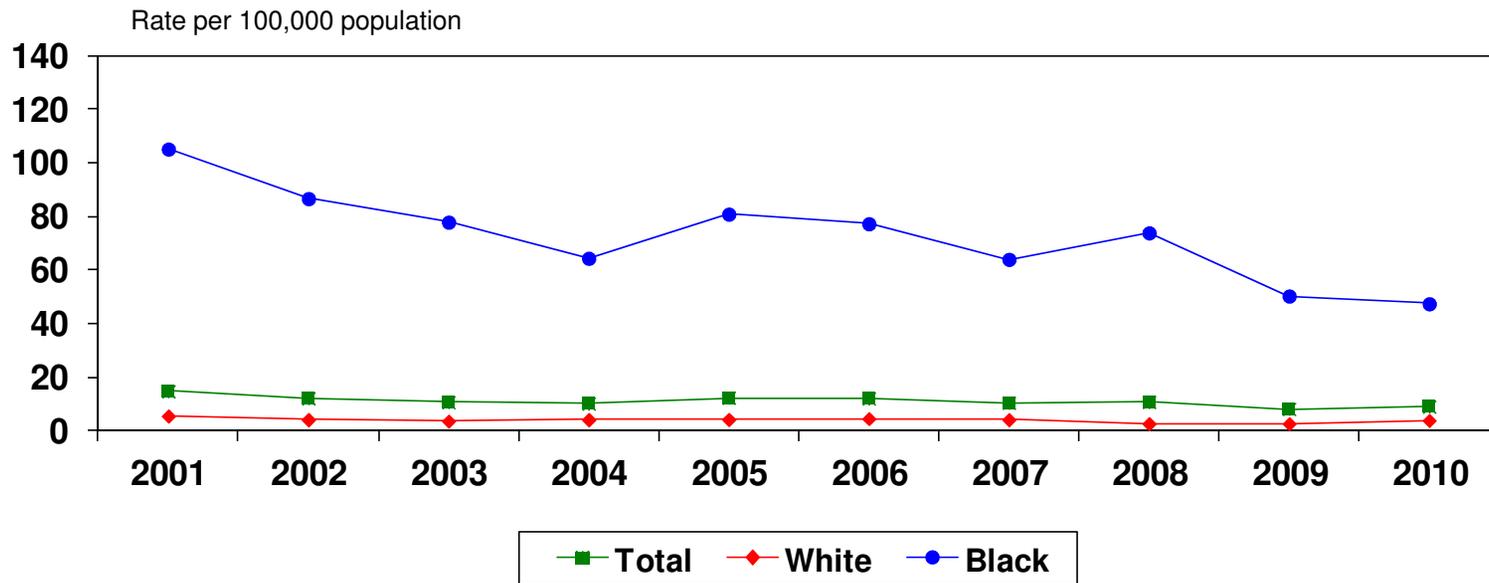


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	9.0	9.1	6.6	8.1	6.9	7.5	8.0	9.7	8.7	8.0
White	10.3	9.6	7.5	8.5	7.7	8.2	8.2	9.6	9.2	9.1
Black	2.3*	2.3*	0.0*	4.3*	2.1*	2.0*	4.0*	7.8*	3.8*	0.0*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Homicide Mortality Rates Among Those Aged 15-24 Years, by Race Indiana Residents, 2001-2010

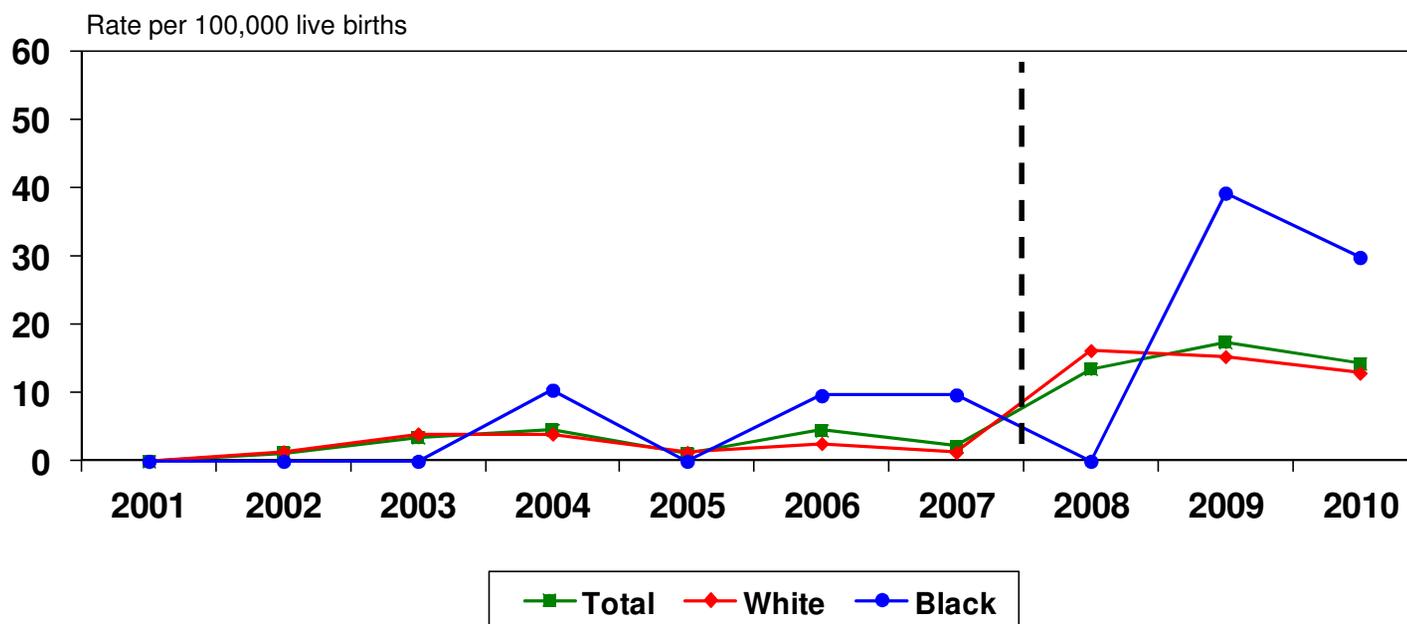


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	14.7	12.1	10.6	10.1	12.3	12.0	10.4	10.7	8.1	9.0
White	5.5	4.1	3.6	4.1	4.2	4.5	4.1	2.6	2.6	3.8
Black	105.2	86.7	77.9	64.4	80.9	77.3	64.0	73.9	50.3	47.4

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Maternal Mortality Rates** by Race

Indiana Residents, 2001-2010



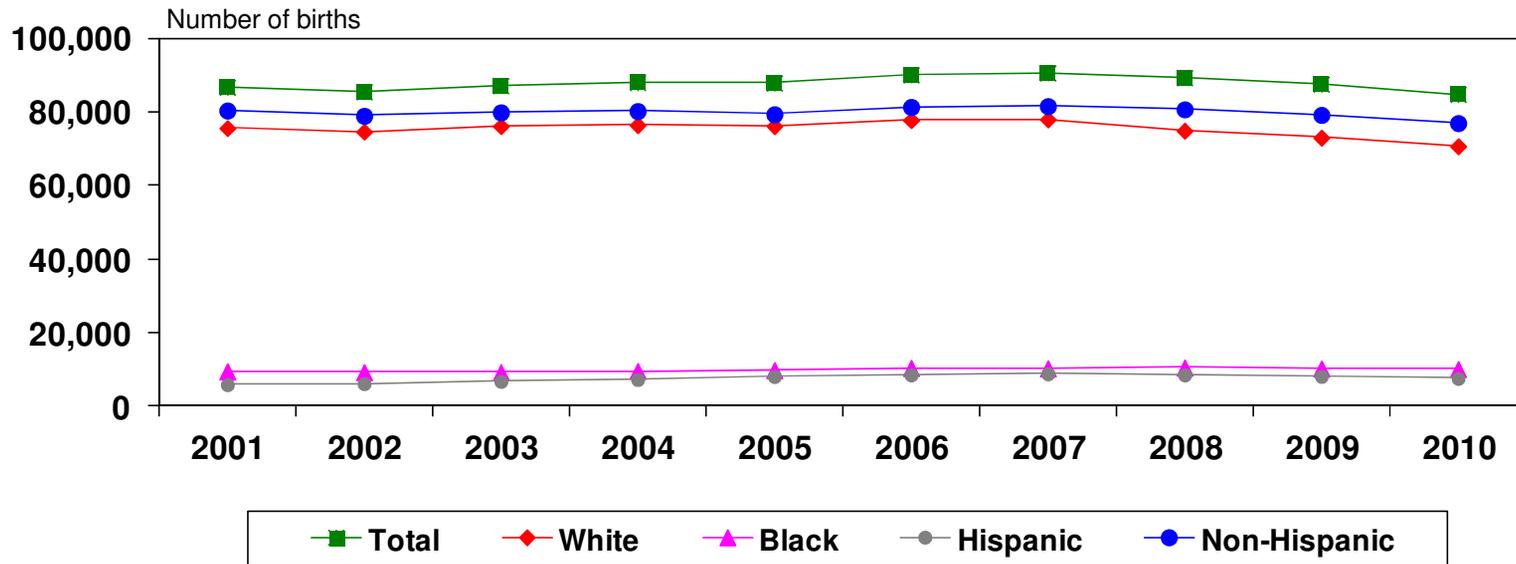
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	0.0*	1.2*	3.5*	4.6*	1.1*	4.5*	2.2*	13.5*	17.4*	14.3*
White	0.0*	1.4*	4.0*	4.0*	1.3*	2.6*	1.3*	16.2*	15.3*	12.9*
Black	0.0*	0.0*	0.0*	10.4*	0.0*	9.6*	9.7*	0.0*	39.2*	29.8*

*Numerator is less than 20, and the rate is unstable.

**Because of death certificate revisions in 2008, maternal mortality data for 2008 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Number of Occurrent Live Births* by Race and Ethnicity Indiana, 2001-2010



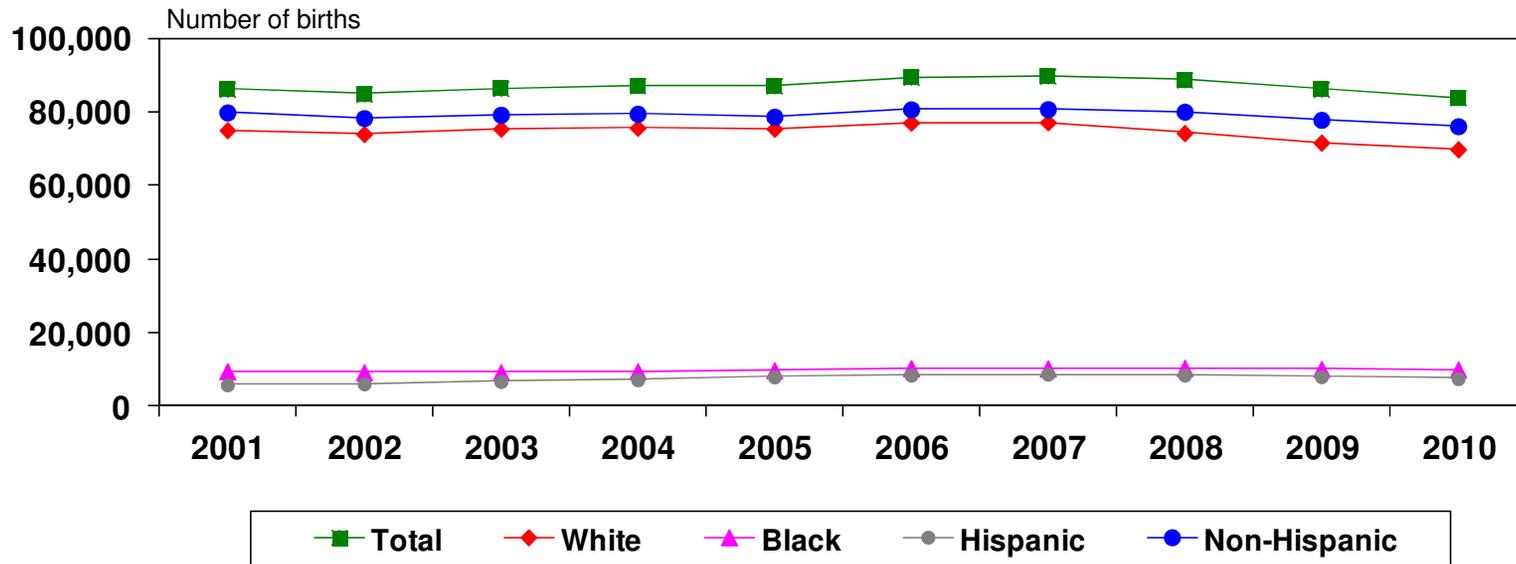
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	86,718	85,533	87,128	87,961	87,864	90,120	90,586	89,324	87,548	84,774
White	75,626	74,646	76,143	76,451	76,186	77,763	77,975	74,895	73,013	70,675
Black	9,536	9,300	9,329	9,658	9,882	10,451	10,371	10,571	10,310	10,168
Hispanic	5,913	6,206	6,821	7,322	8,125	8,567	8,858	8,561	8,161	7,622
Non-Hispanic	80,402	78,953	79,911	80,257	79,375	81,359	81,596	80,715	79,198	76,991

*Live births occurring in Indiana regardless of mother's state of residence.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Number of Resident Live Births* by Race and Ethnicity Indiana, 2001-2010



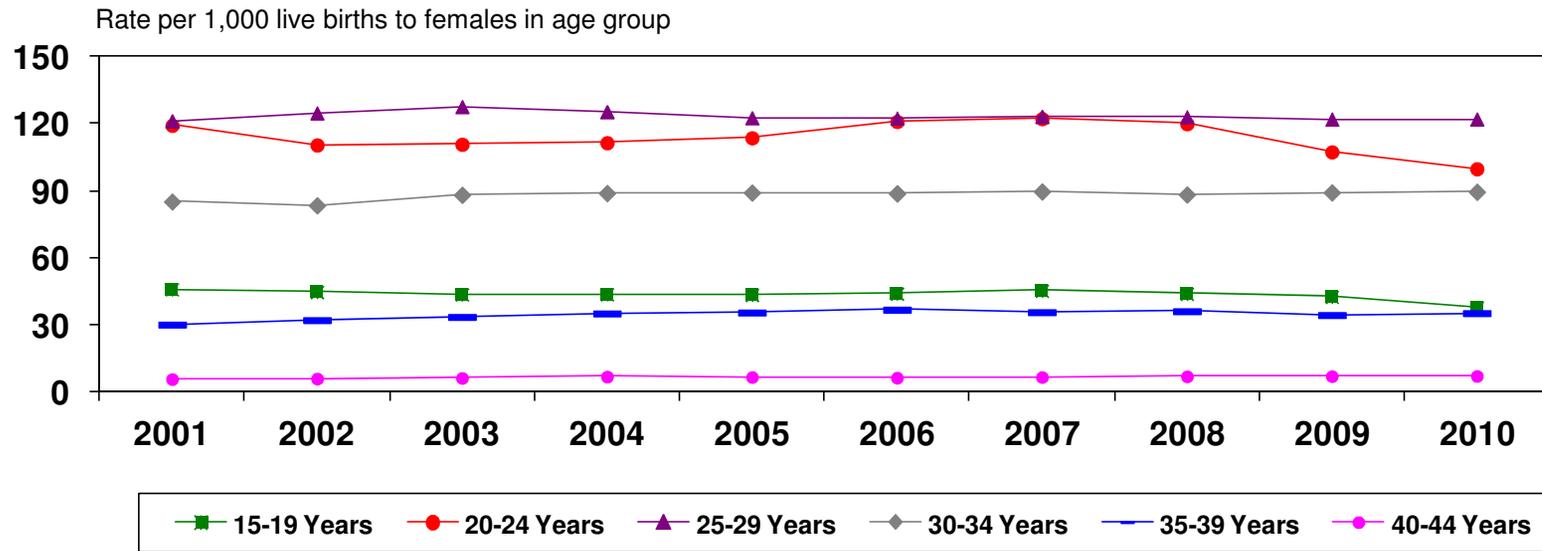
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	86,122	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	83,867
White	75,056	74,013	75,422	75,680	75,464	77,096	77,171	74,280	71,670	69,858
Black	9,531	9,243	9,288	9,582	9,820	10,396	10,303	10,496	10,209	10,052
Hispanic	5,865	6,145	6,763	7,237	8,026	8,488	8,785	8,510	8,072	7,558
Non-Hispanic	79,883	78,346	79,261	79,537	78,723	80,727	80,769	80,091	77,863	76,134

*Live births to Indiana residents regardless of state where mother gave birth.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

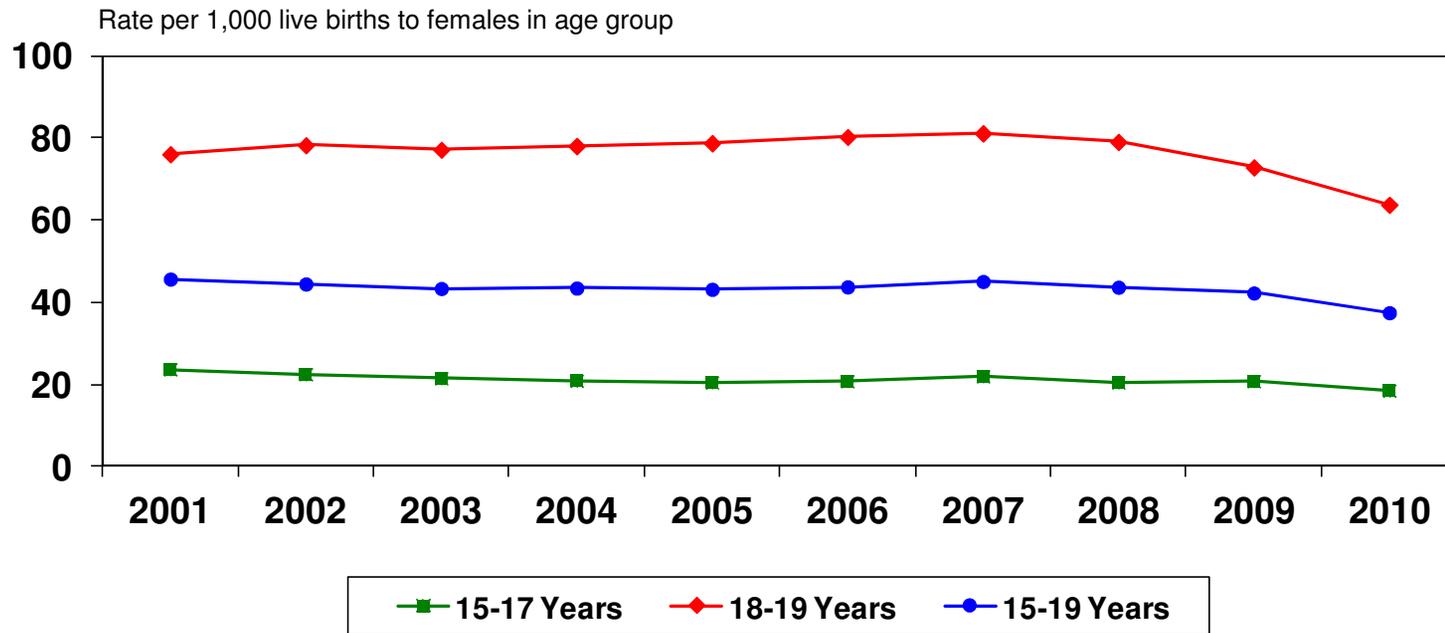
Age-Specific Birth Rates by Age Group for Females Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
15-19 Years	45.7	44.5	43.4	43.5	43.2	43.8	45.1	43.7	42.3	37.5
20-24 Years	119.3	110.5	110.8	111.5	113.7	121.0	122.3	120.0	107.4	99.8
25-29 Years	121.3	124.9	127.7	125.4	122.7	122.5	123.3	123.1	122.1	122.1
30-34 Years	85.1	83.4	88.1	88.9	89.1	88.8	89.6	88.3	89.2	89.5
35-39 Years	30.0	32.0	33.4	35.0	35.3	36.6	35.5	35.9	34.2	35.1
40-44 Years	5.5	5.7	6.0	6.6	6.4	6.1	6.4	6.7	6.8	6.9

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

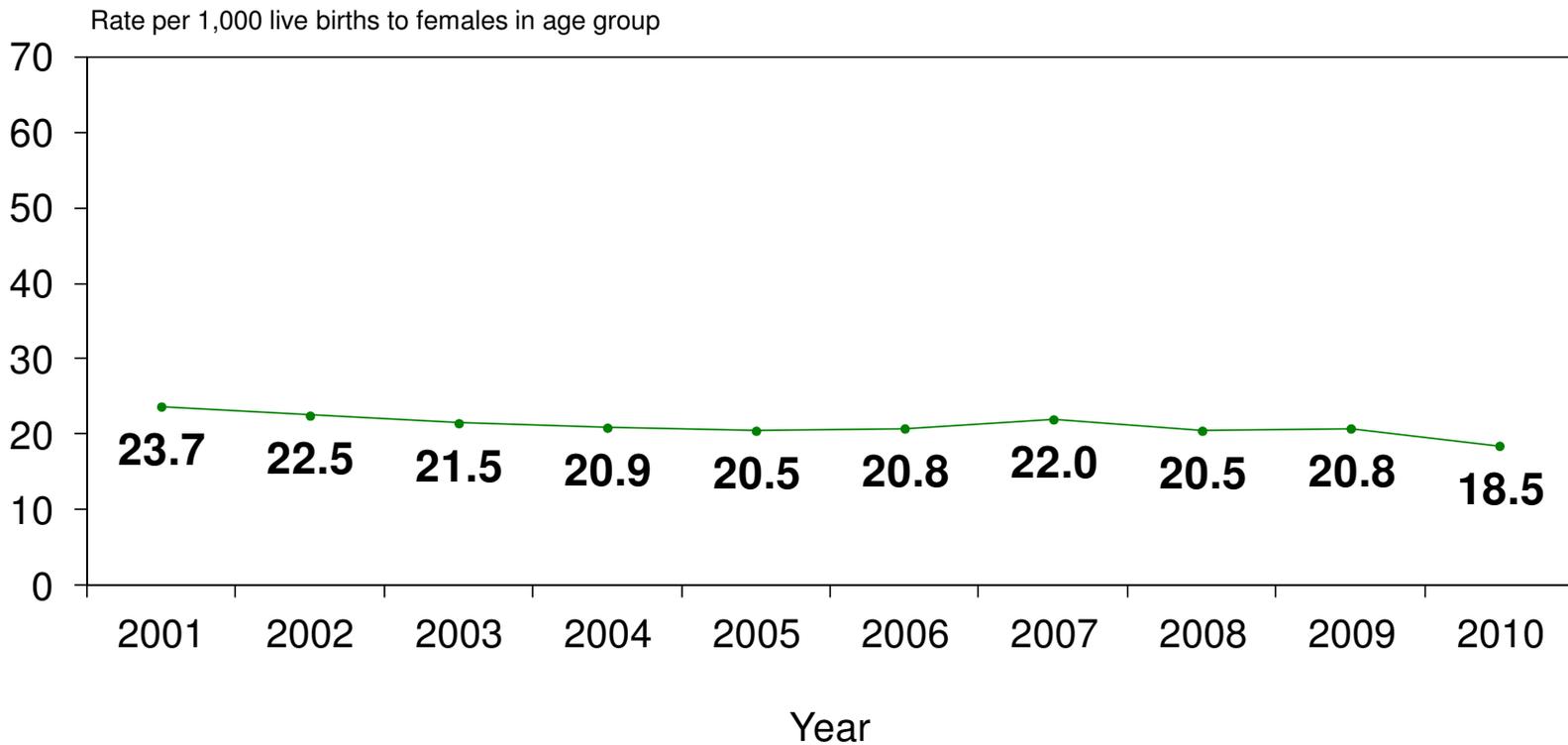
Age-Specific Birth Rates by Age Group for Teenage Females Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
15-17 Years	23.7	22.5	21.5	20.9	20.5	20.8	22.0	20.5	20.8	18.5
18-19 Years	76.1	78.3	77.2	78.1	78.8	80.3	81.2	79.1	72.9	63.8
15-19 Years	45.7	44.5	43.4	43.5	43.2	43.8	45.1	43.7	42.3	37.5

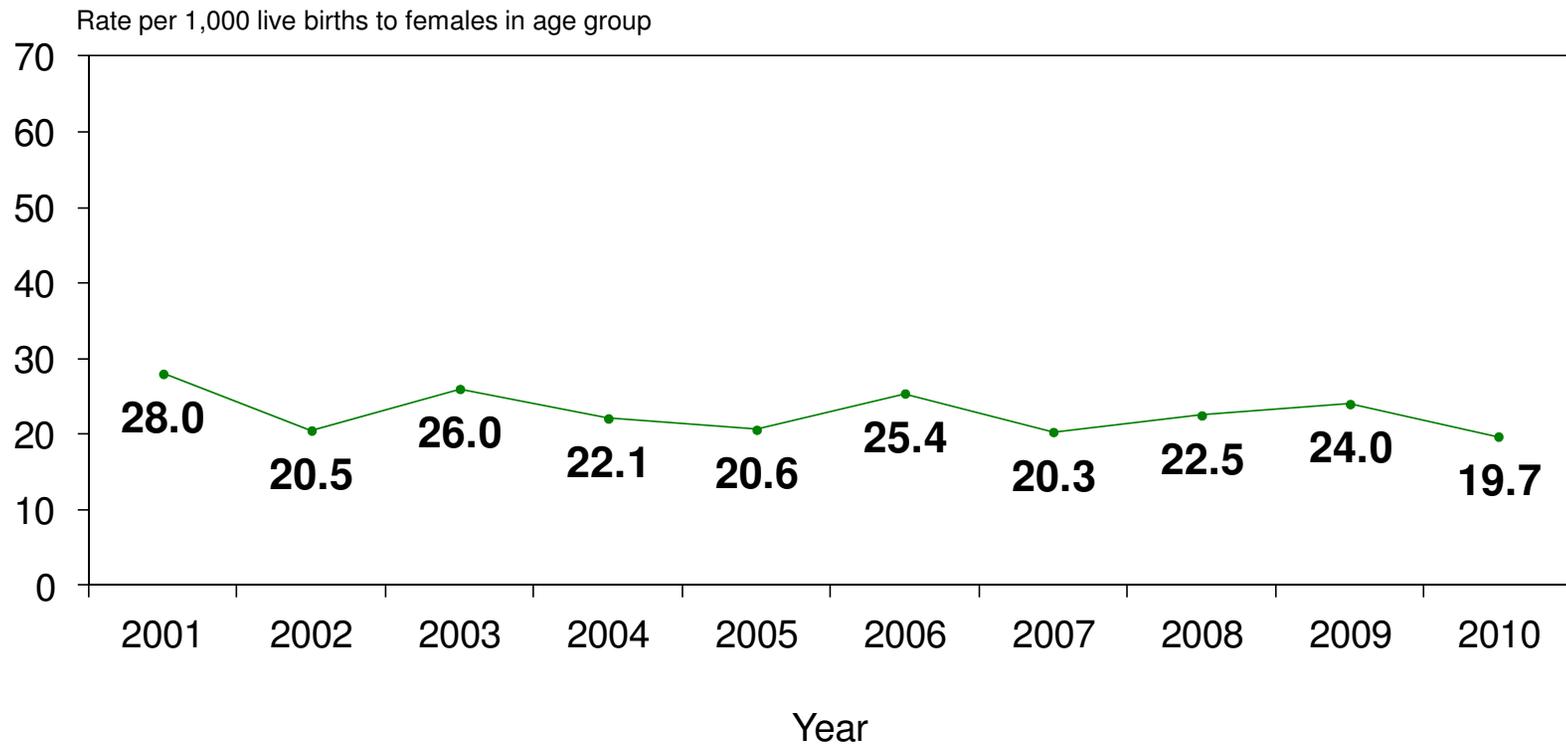
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Indiana Residents, 2001-2010



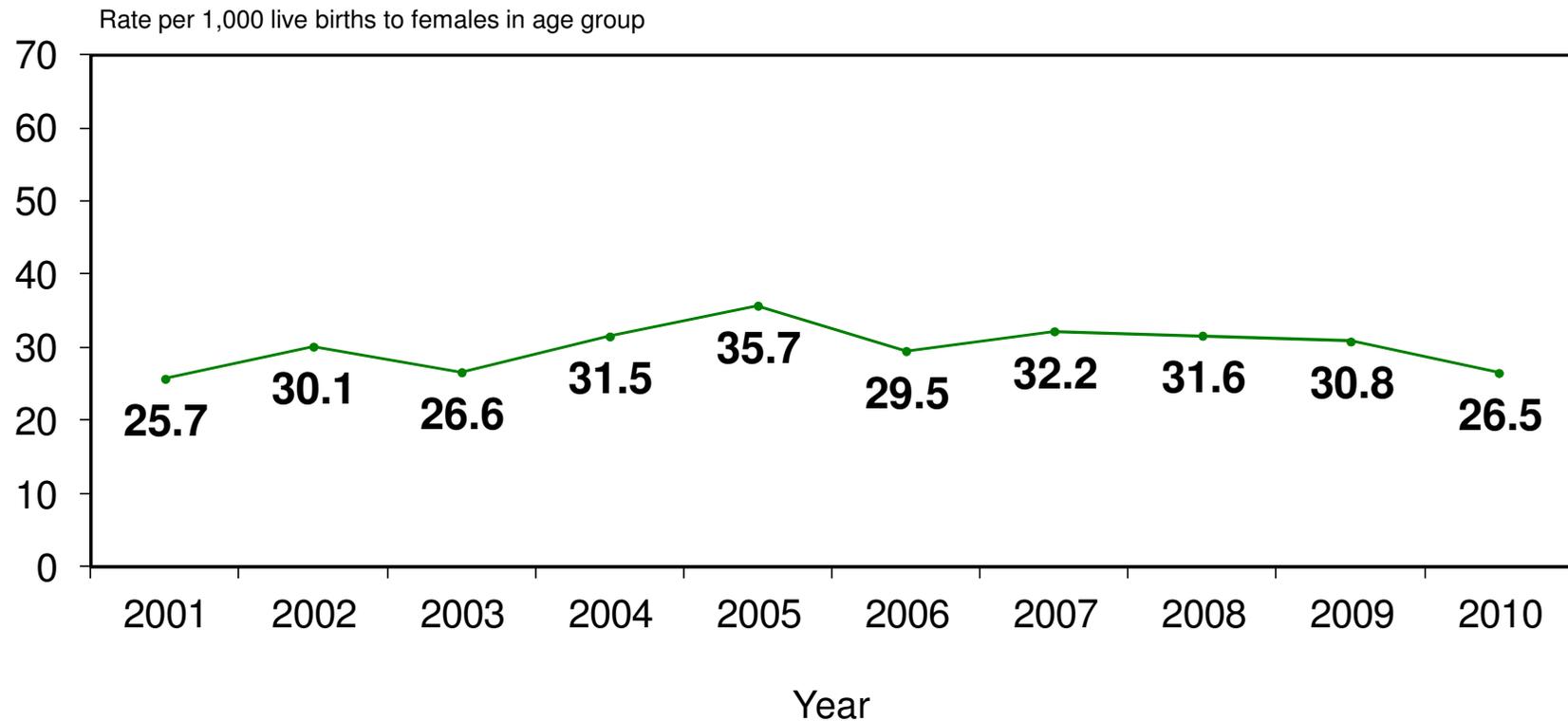
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Allen County Residents, 2001-2010



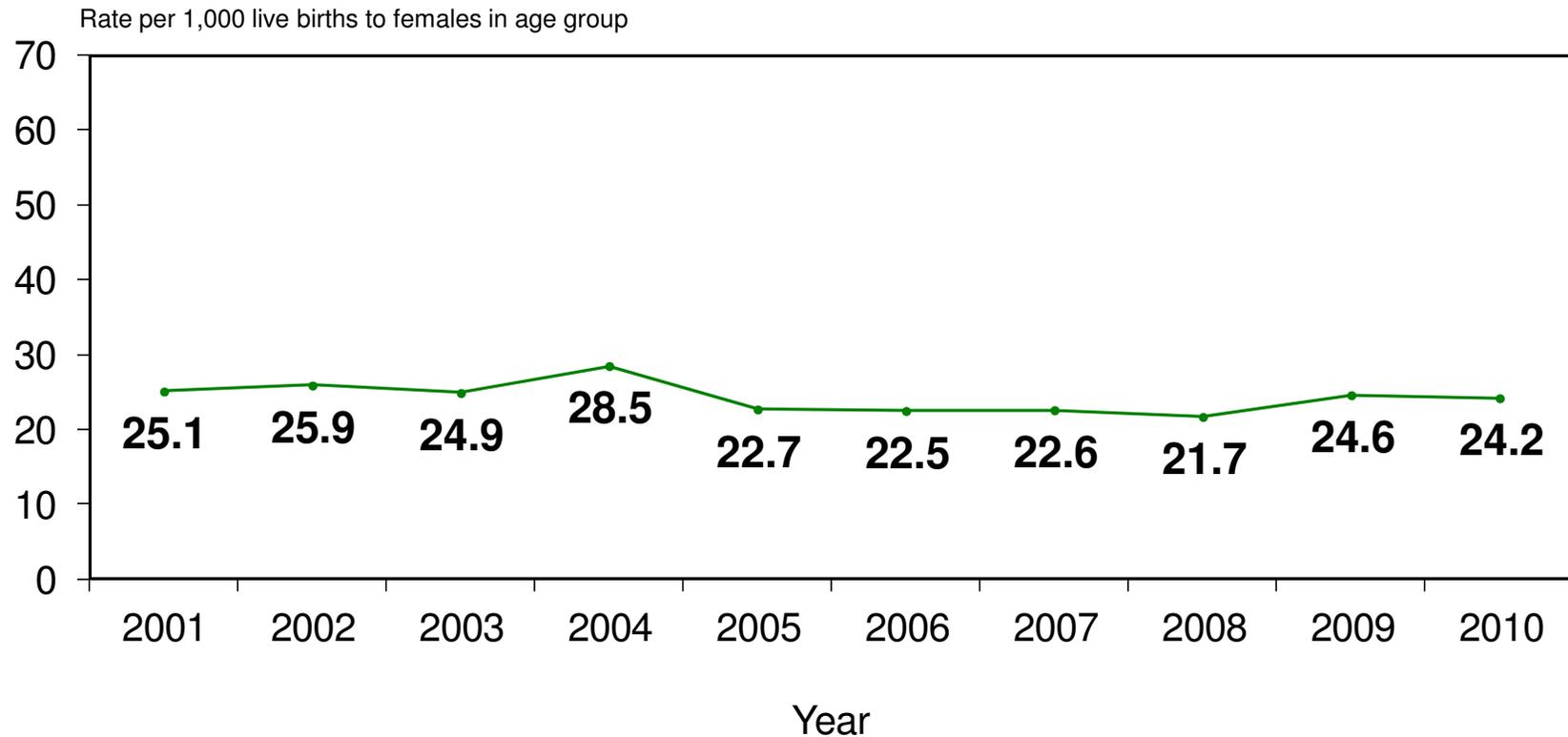
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Elkhart County Residents, 2001-2010



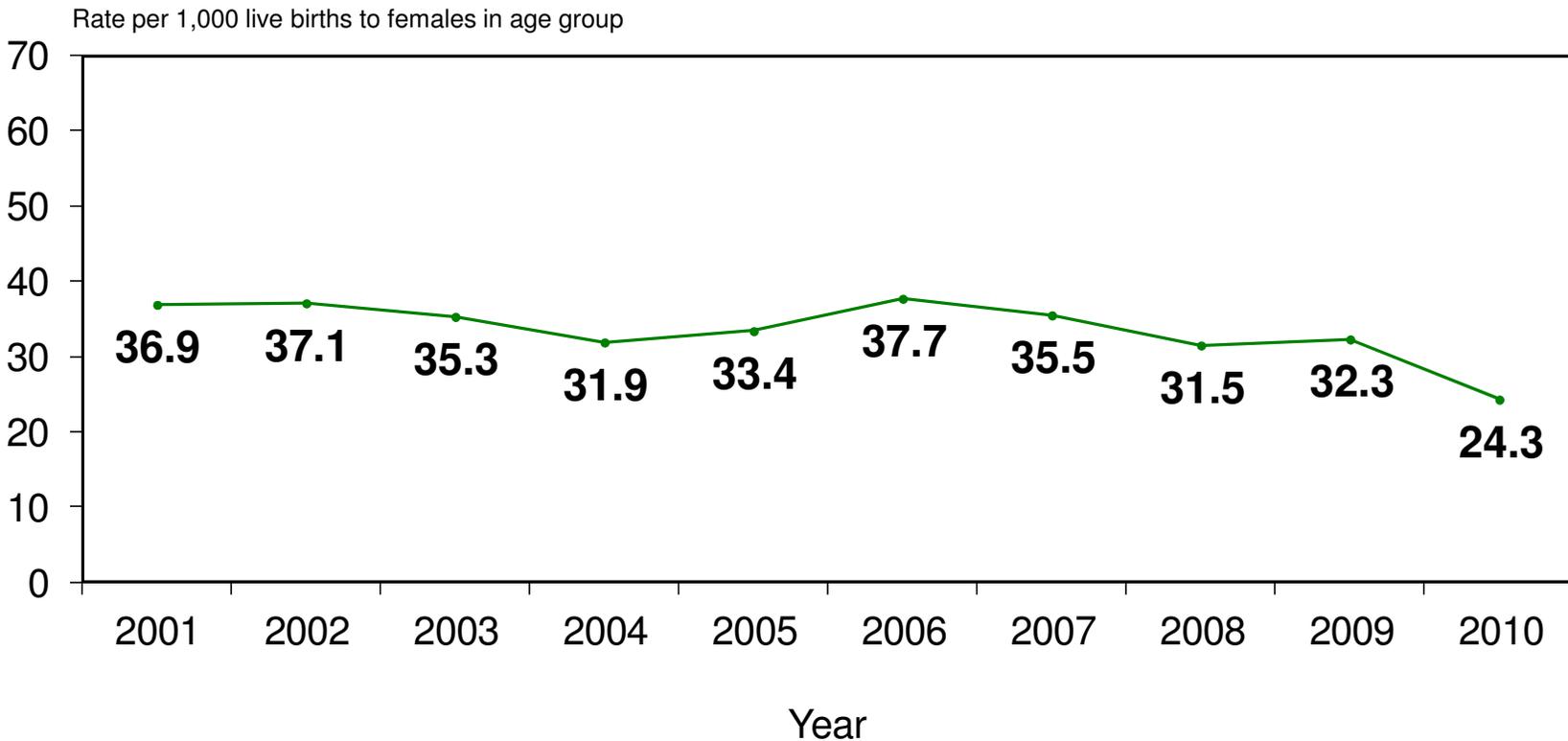
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Lake County Residents, 2001-2010



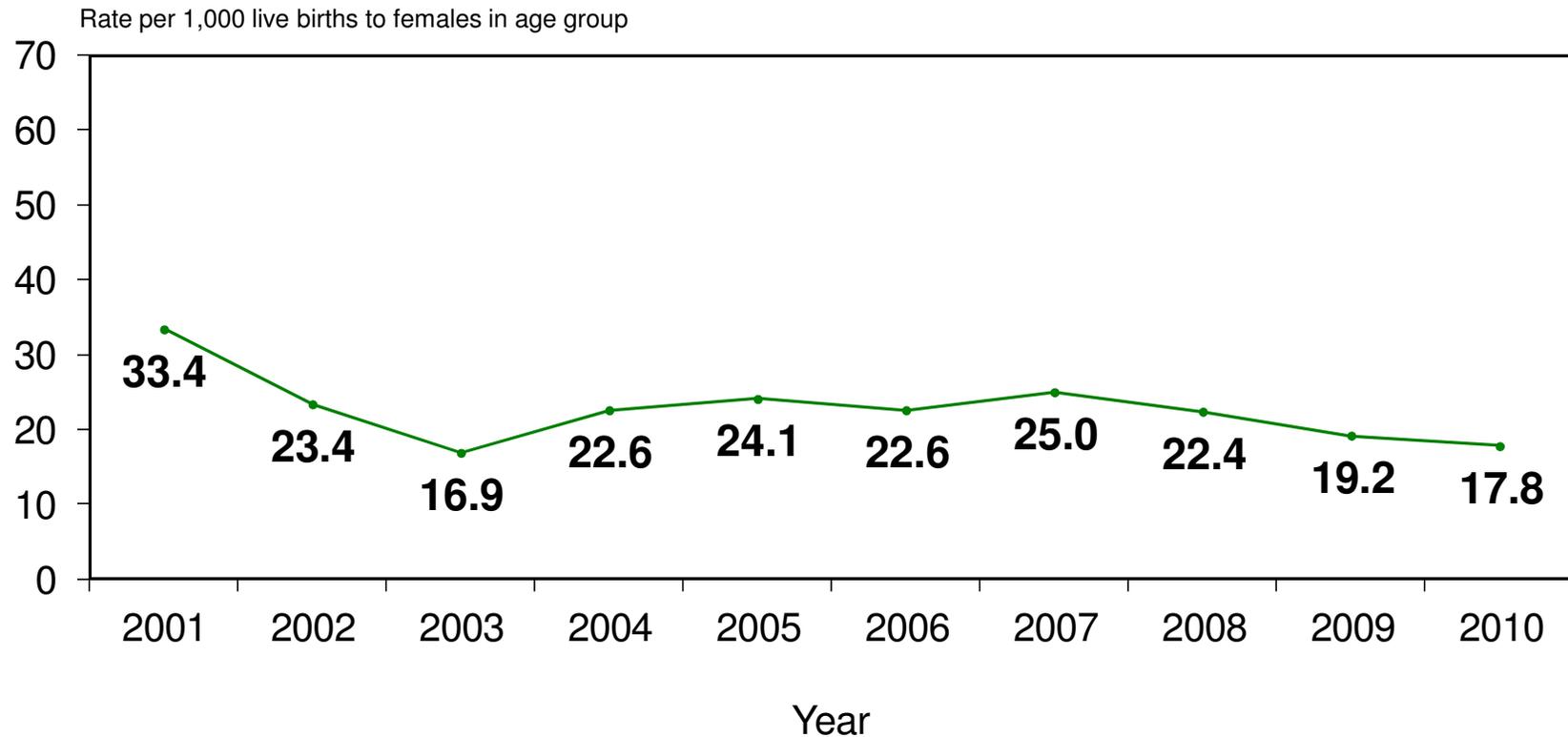
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Marion County Residents, 2001-2010



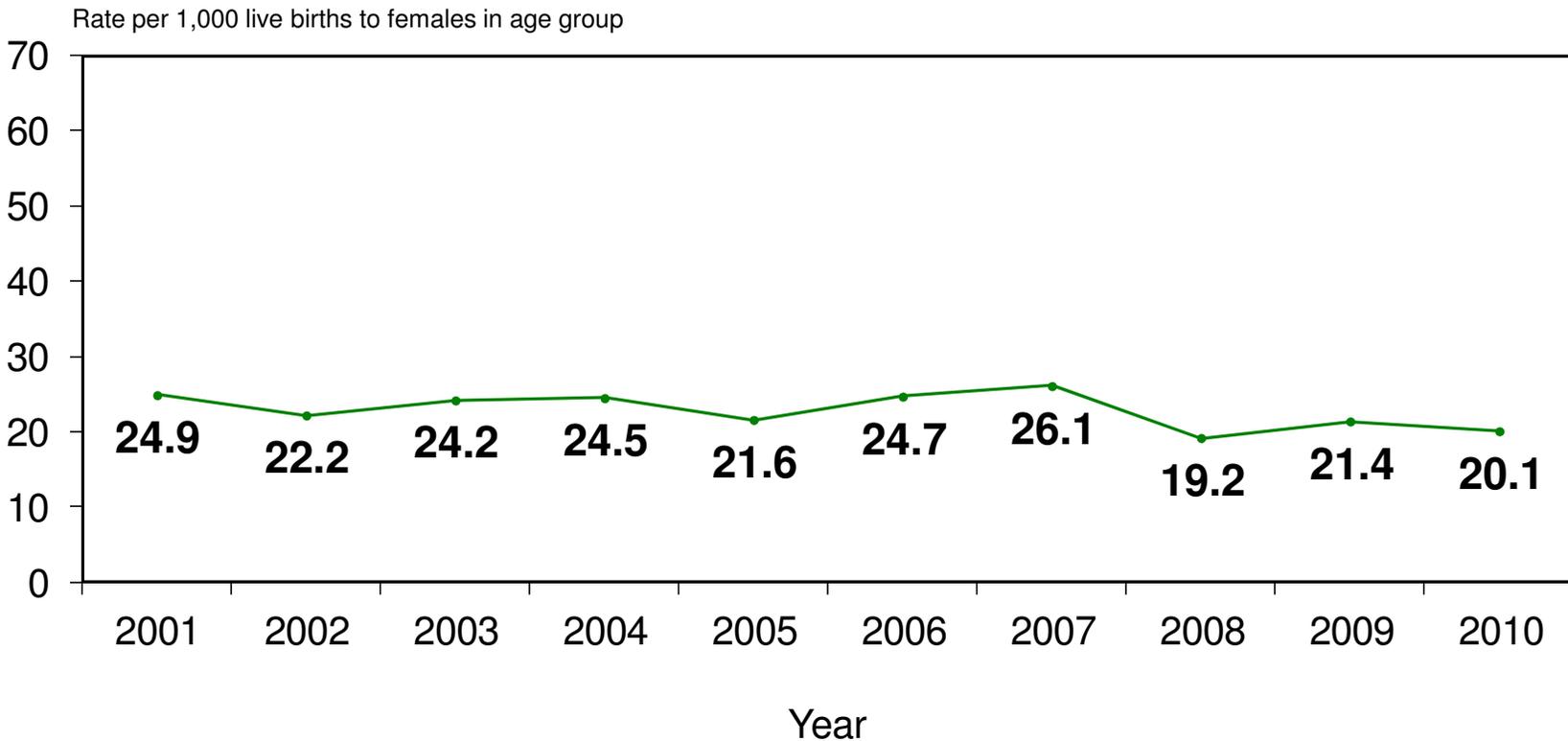
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years St. Joseph County Residents, 2001-2010



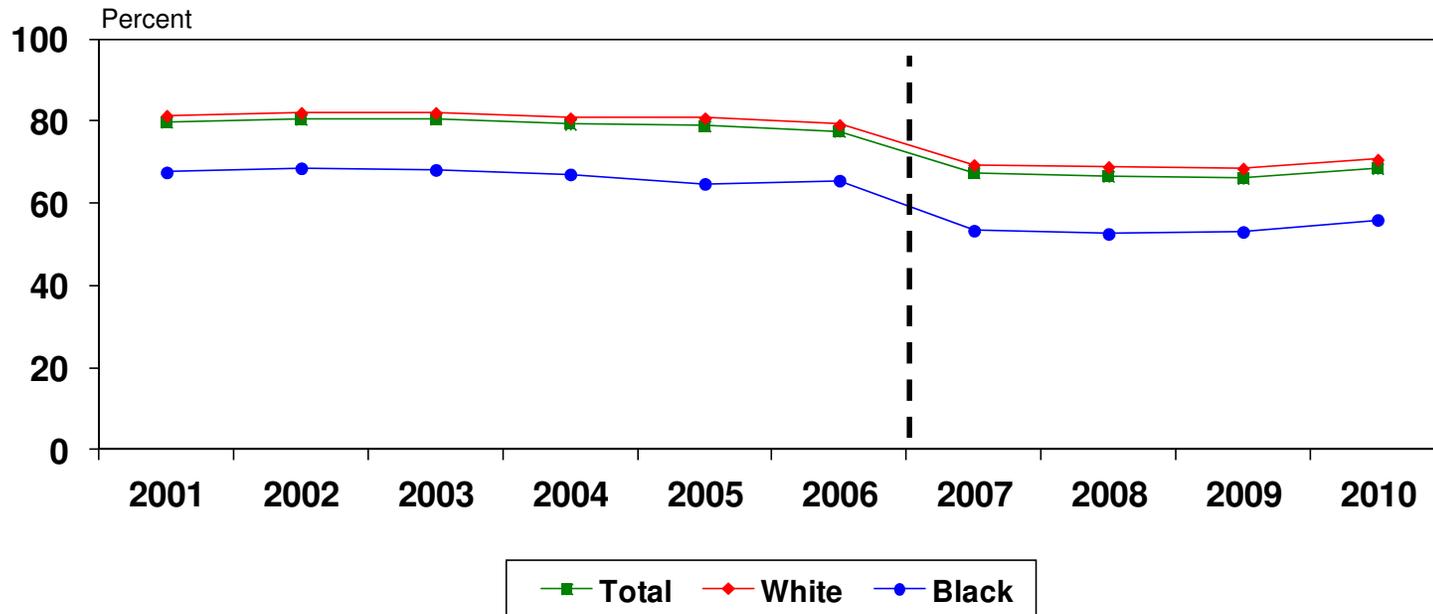
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Vanderburgh County Residents, 2001-2010



Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Indiana Residents, 2001-2010



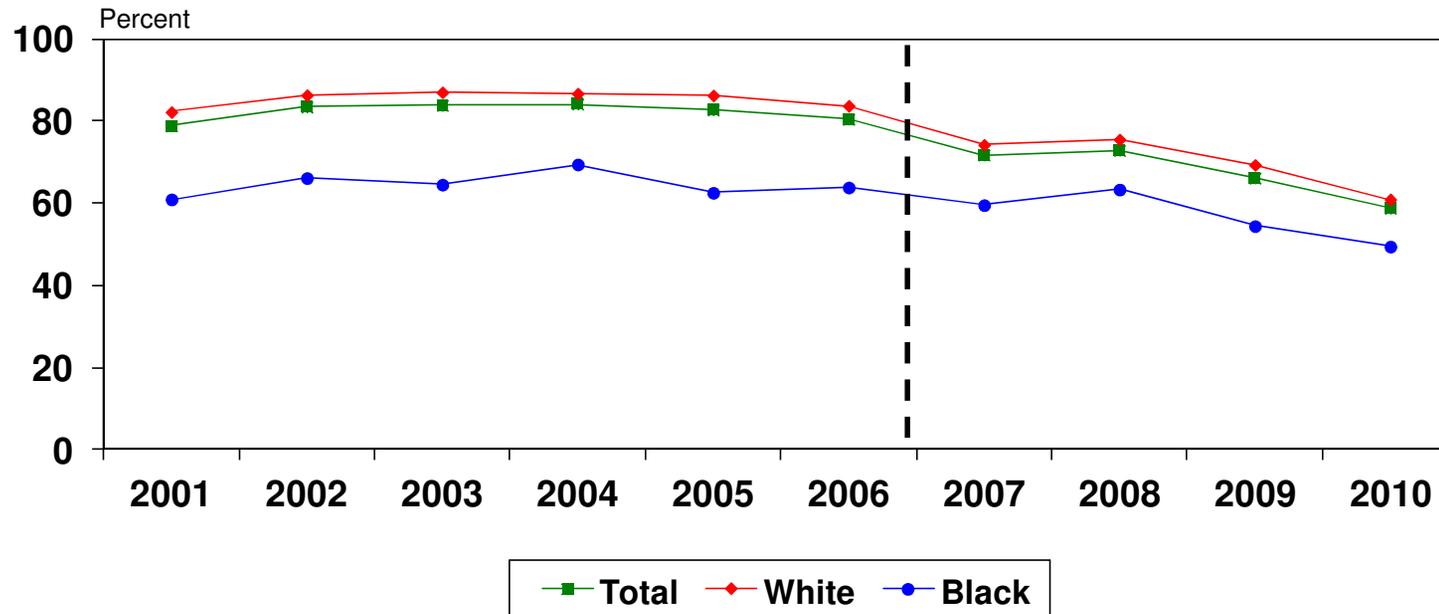
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	79.8	80.5	80.6	79.3	78.9	77.6	67.5	66.6	66.1	68.5
White	81.4	82.1	82.1	80.8	80.8	79.2	69.4	68.9	68.5	70.7
Black	67.6	68.6	68.2	67.1	64.8	65.6	53.4	52.6	53.1	56.0

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Allen County Residents, 2001-2010



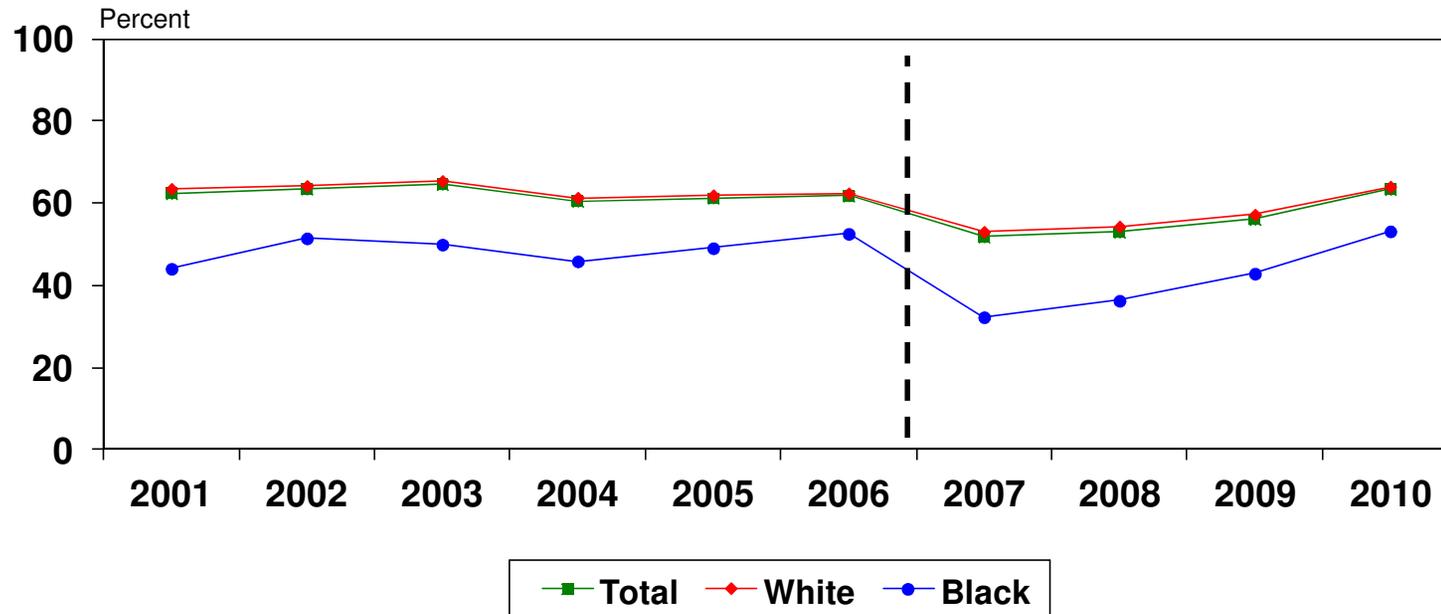
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	78.9	83.5	83.9	84.2	82.8	80.5	71.8	72.9	66.2	58.8
White	82.3	86.4	87.1	86.8	86.3	83.8	74.3	75.6	69.4	61.0
Black	61.0	66.2	64.6	69.5	62.6	63.9	59.6	63.4	54.5	49.5

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Elkhart County Residents, 2001-2010



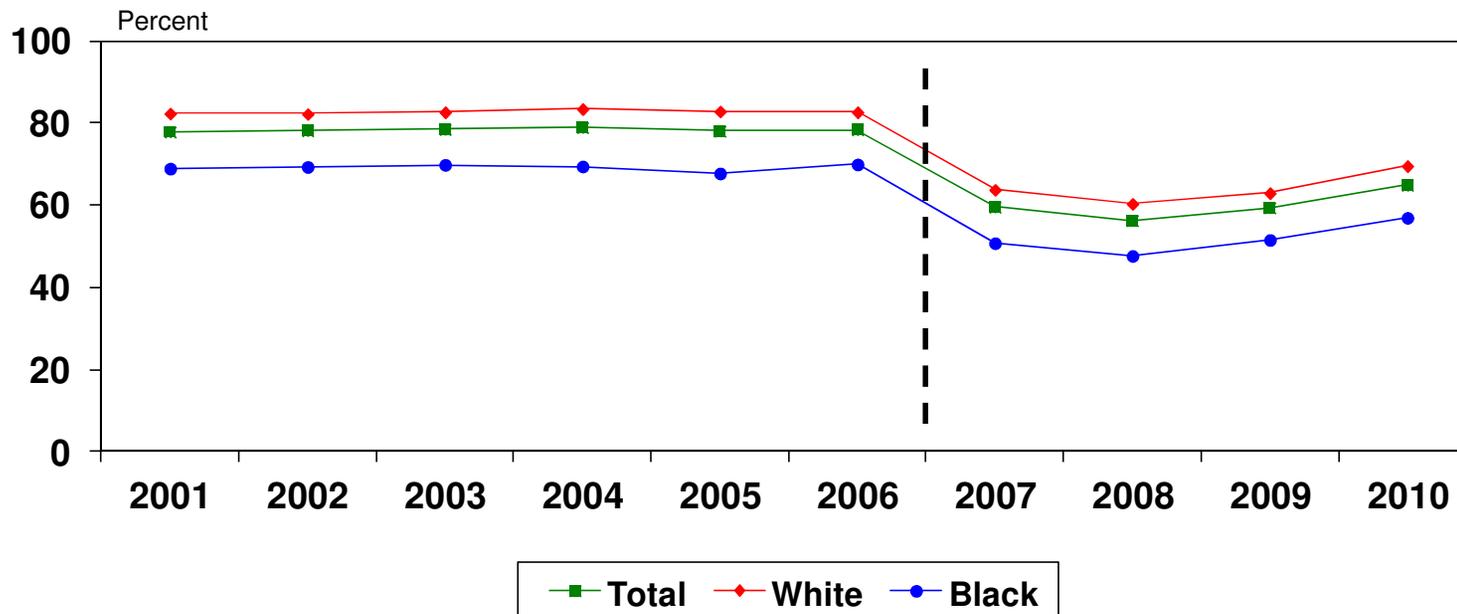
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	62.4	63.5	64.6	60.5	61.3	61.8	51.8	53.0	56.1	63.4
White	63.6	64.3	65.5	61.4	62.0	62.5	53.1	54.4	57.3	64.1
Black	44.1	51.5	50.0	45.9	49.1	52.6	32.3	36.3	42.9	53.2

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Lake County Residents, 2001-2010



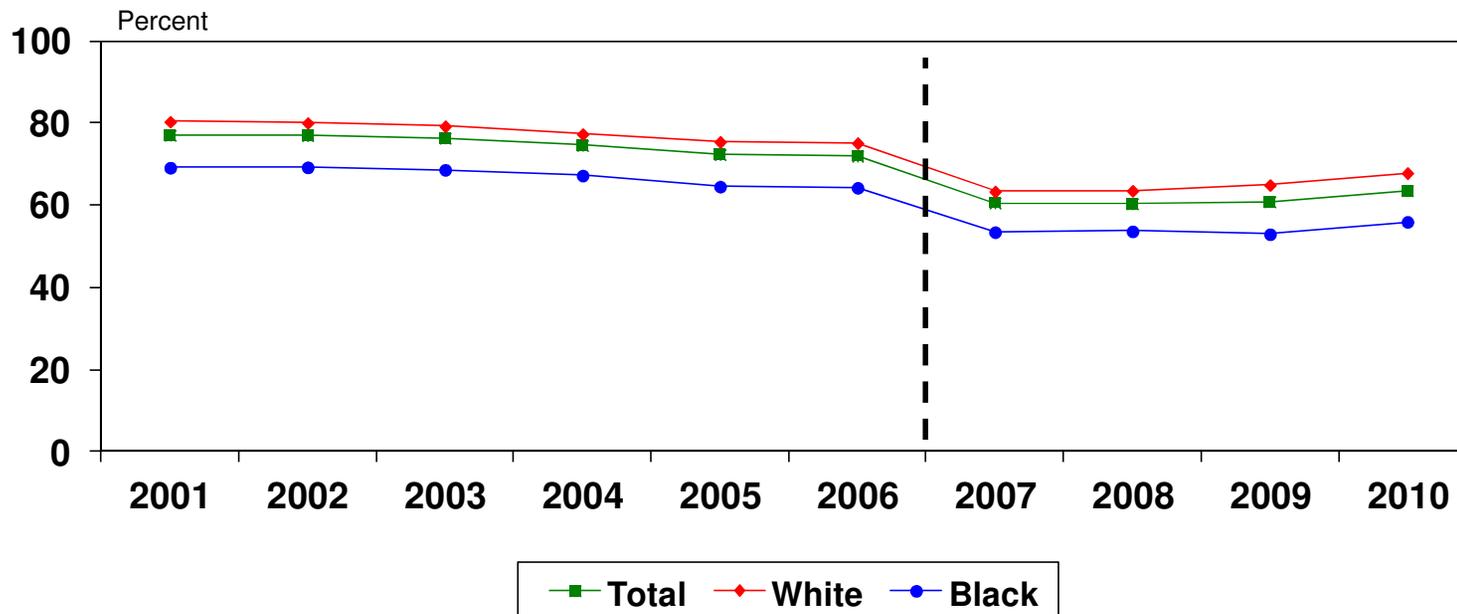
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	77.9	78.2	78.5	79.0	78.1	78.4	59.6	56.3	59.4	64.9
White	82.4	82.3	82.7	83.5	82.9	82.7	63.8	60.4	63.0	69.6
Black	69.0	69.4	69.9	69.5	67.8	70.0	50.8	47.7	51.6	57.0

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Marion County Residents, 2001-2010



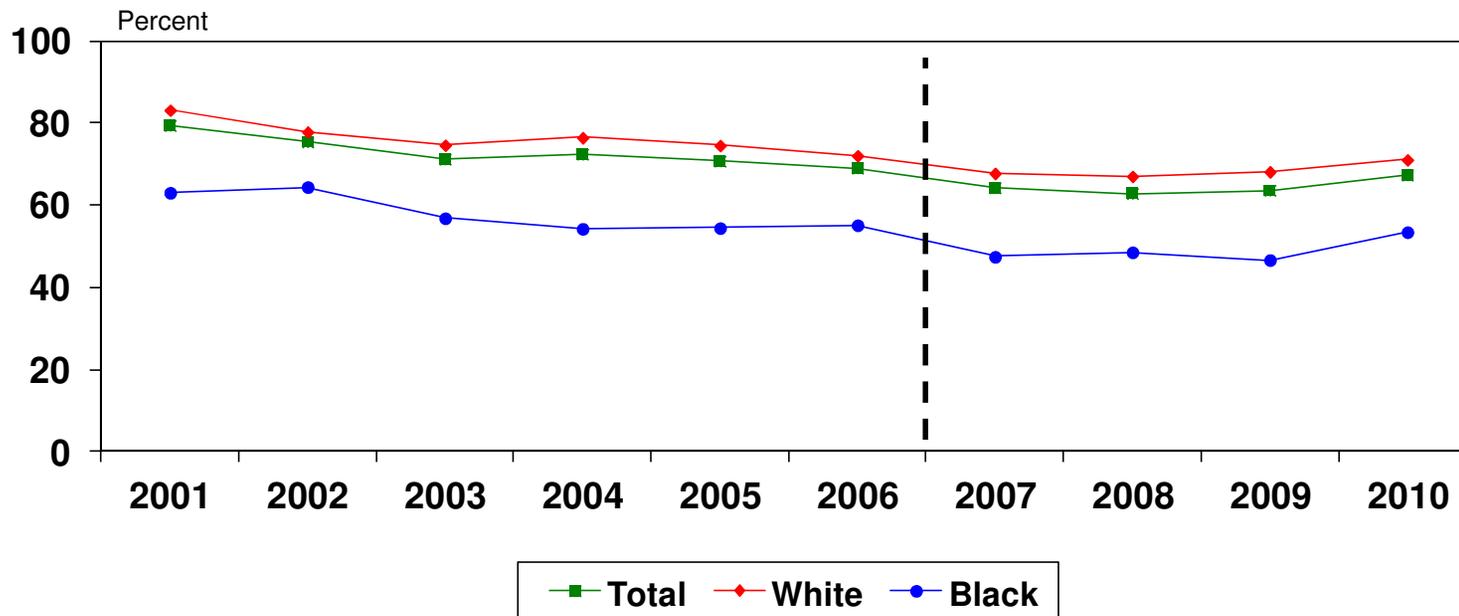
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	77.1	77.0	76.4	74.6	72.4	72.0	60.6	60.4	60.9	63.6
White	80.4	80.1	79.3	77.4	75.5	75.2	63.4	63.6	65.0	67.9
Black	69.2	69.3	68.7	67.3	64.6	64.3	53.5	53.7	53.0	56.0

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race St. Joseph County Residents, 2001-2010



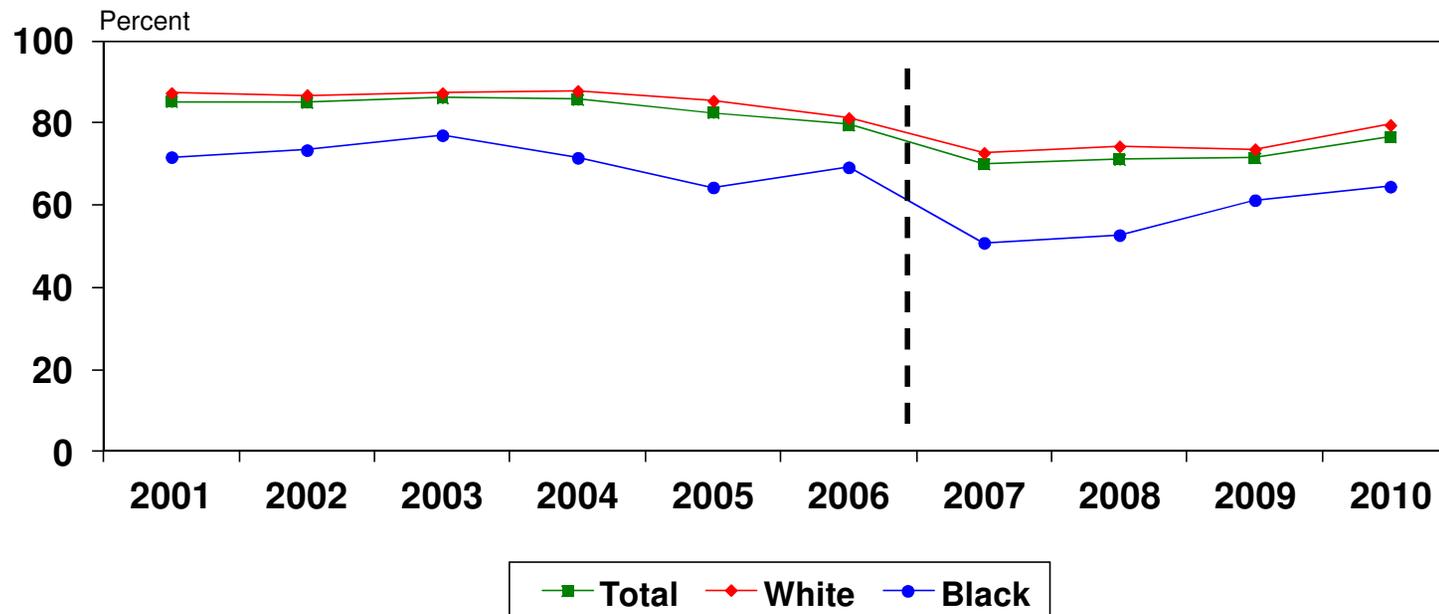
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	79.5	75.5	71.3	72.5	70.8	69.1	64.3	62.9	63.7	67.4
White	83.2	77.9	74.7	76.5	74.6	72.1	67.8	67.1	68.2	71.1
Black	63.1	64.5	56.9	54.3	54.5	55.2	47.5	48.6	46.7	53.5

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Vanderburgh County Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	85.3	85.1	86.2	85.8	82.6	79.6	70.1	71.2	71.6	76.7
White	87.4	86.9	87.4	87.9	85.5	81.3	72.8	74.4	73.7	79.6
Black	71.8	73.5	77.1	71.6	64.4	69.3	50.9	52.8	61.3	64.6

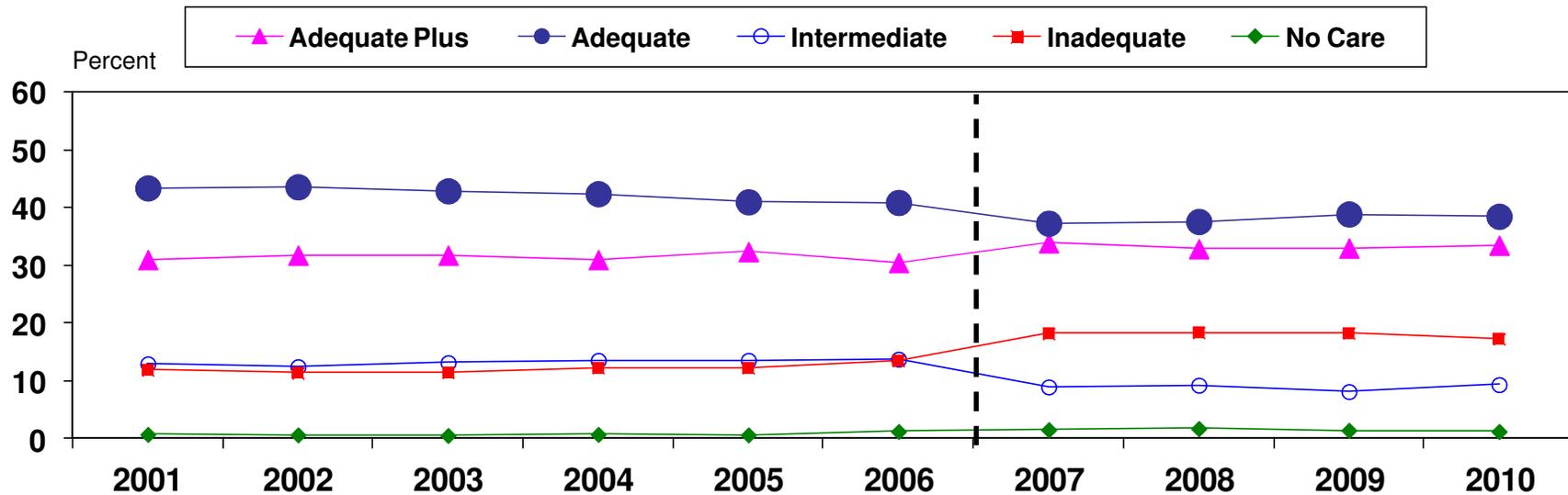
*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

All Races, Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Adequate Plus	31.0	31.8	31.8	31.0	32.4	30.5	33.9	32.9	33.0	33.5
Adequate	43.4	43.6	42.9	42.4	41.0	40.9	37.3	37.6	38.9	38.5
Intermediate	13.0	12.5	13.2	13.6	13.6	13.8	9.0	9.3	8.2	9.4
Inadequate	11.9	11.4	11.5	12.3	12.3	13.5	18.2	18.4	18.3	17.3
No Care	0.8	0.7	0.6	0.8	0.7	1.3	1.6	1.8	1.5	1.3

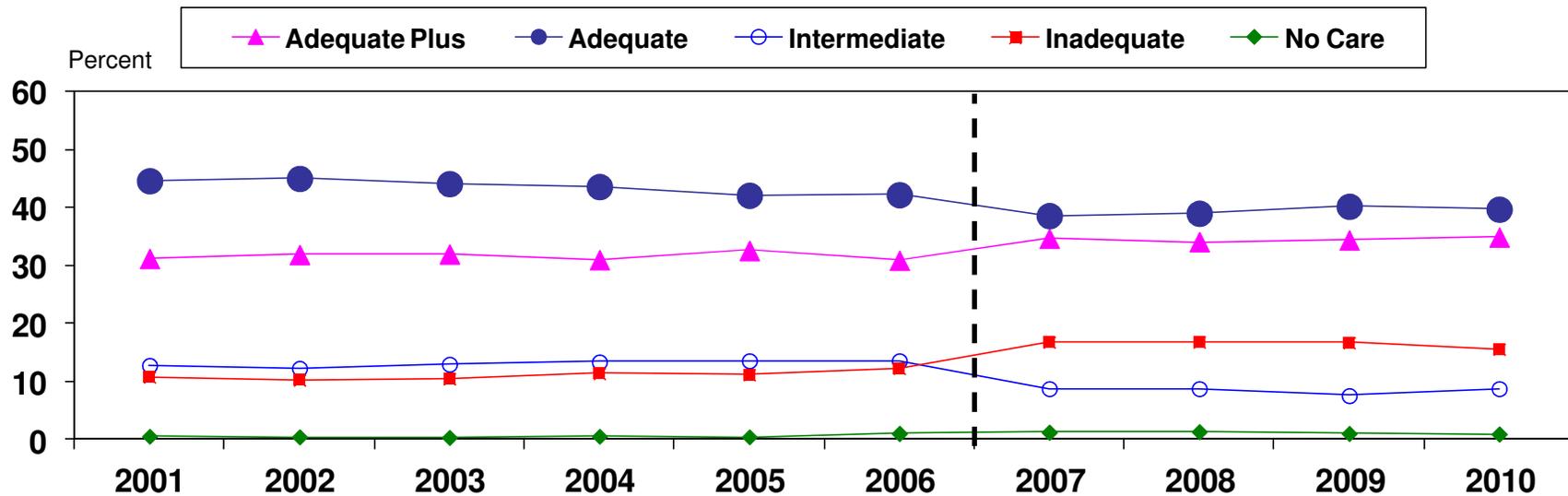
*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: The values are percentages of live births and do not include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

White Population, Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Adequate Plus	31.2	31.9	32.0	31.0	32.6	30.9	34.7	34.1	34.4	34.9
Adequate	44.6	45.0	44.1	43.6	42.1	42.2	38.6	39.0	40.2	39.7
Intermediate	12.8	12.3	13.0	13.4	13.6	13.6	8.8	8.8	7.6	8.8
Inadequate	10.8	10.3	10.5	11.4	11.2	12.3	16.8	16.8	16.7	15.6
No Care	0.6	0.5	0.4	0.6	0.5	1.1	1.3	1.4	1.1	1.0

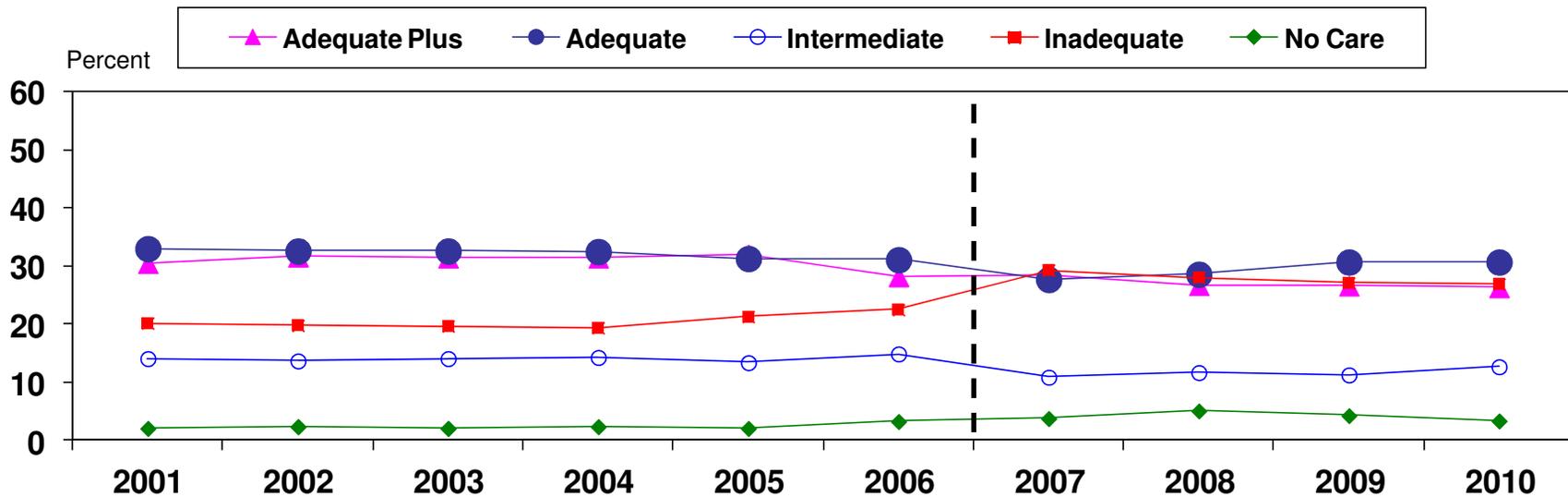
*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: The values are percentages of live births and do not include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

Black Population, Indiana Residents, 2001-2010



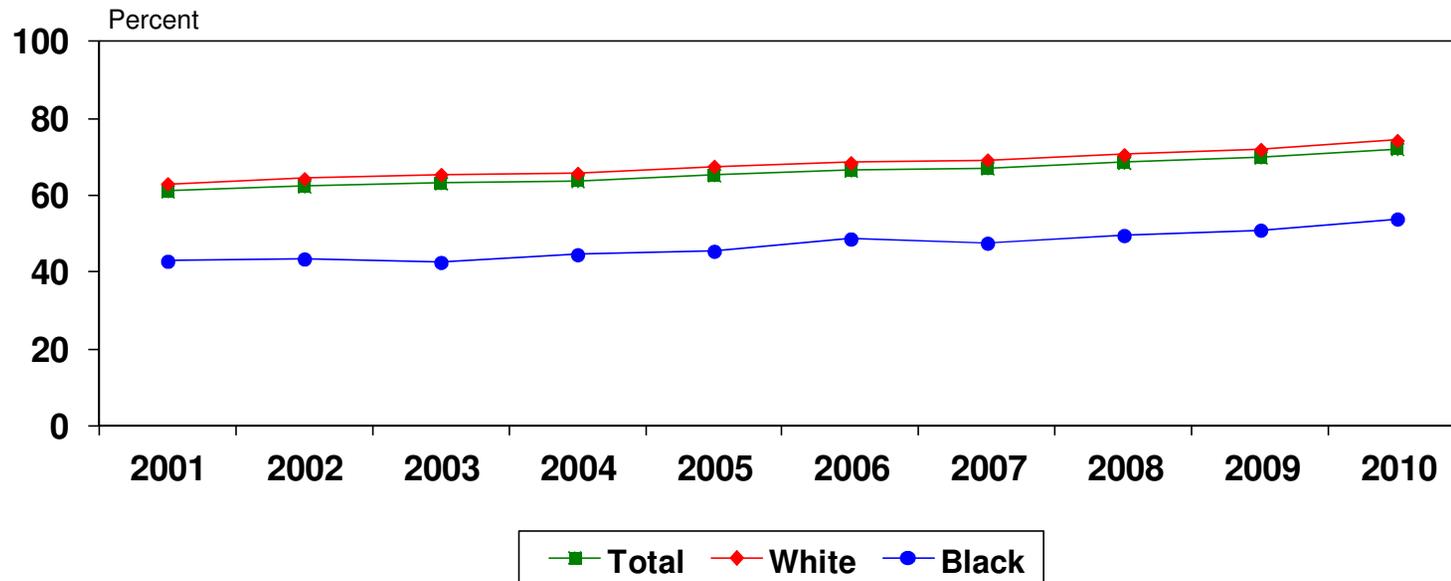
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Adequate Plus	30.5	31.6	31.4	31.4	32.0	28.2	28.4	26.7	26.6	26.3
Adequate	33.0	32.6	32.6	32.5	31.3	31.1	27.7	28.6	30.7	30.7
Intermediate	14.1	13.7	14.1	14.3	13.4	14.9	10.9	11.7	11.3	12.7
Inadequate	20.2	19.8	19.7	19.4	21.3	22.5	29.3	28.0	27.1	26.9
No Care	2.1	2.4	2.1	2.4	2.1	3.3	3.8	5.1	4.3	3.4

*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: The values are percentages of live births and do not include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

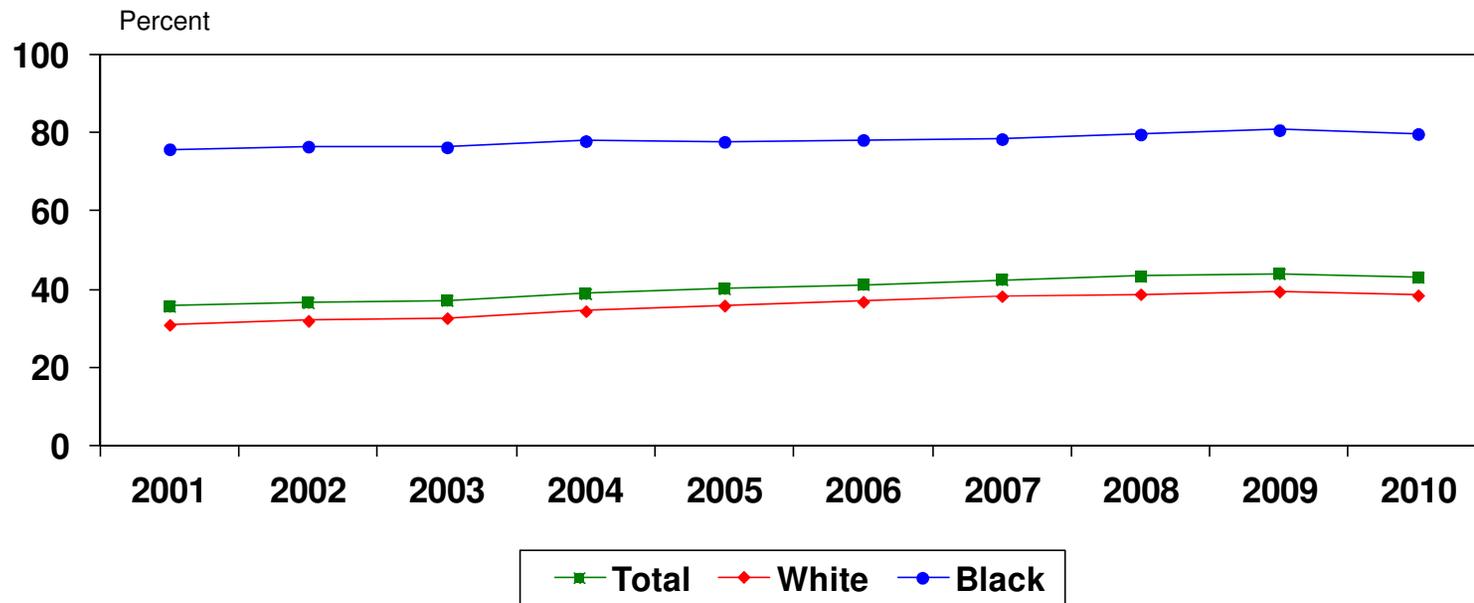
Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Race Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	61.1	62.4	63.2	63.8	65.3	66.5	67.1	68.5	69.9	72.1
White	63.1	64.4	65.5	65.8	67.6	68.5	69.3	70.6	72.0	74.3
Black	42.9	43.5	42.6	44.6	45.5	48.7	47.6	49.6	51.0	53.9

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

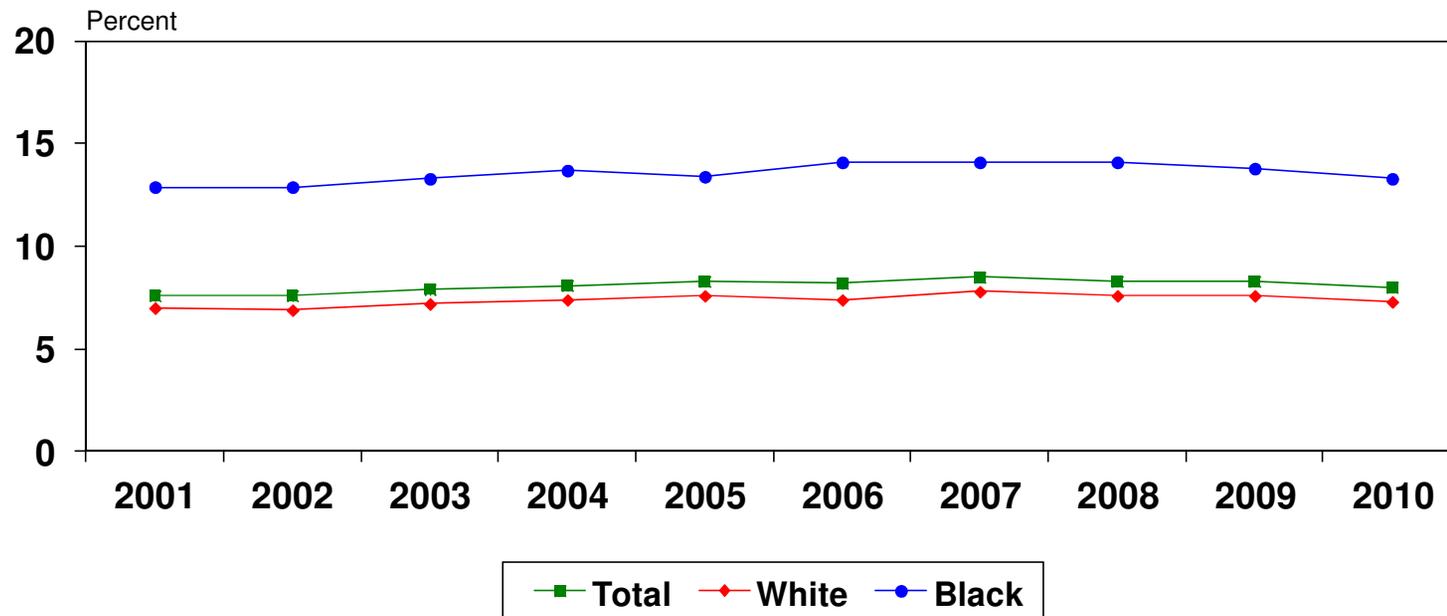
Percent of Live Births to Unmarried Mothers by Race of Mother Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	35.6	36.5	37.1	38.8	40.1	41.2	42.4	43.3	43.9	43.0
White	30.9	31.9	32.6	34.4	35.8	36.8	38.2	38.7	39.4	38.4
Black	75.8	76.5	76.3	77.9	77.7	78.2	78.4	79.6	80.7	79.7

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Low Birthweight Infants by Race of Mother Indiana Residents, 2001-2010

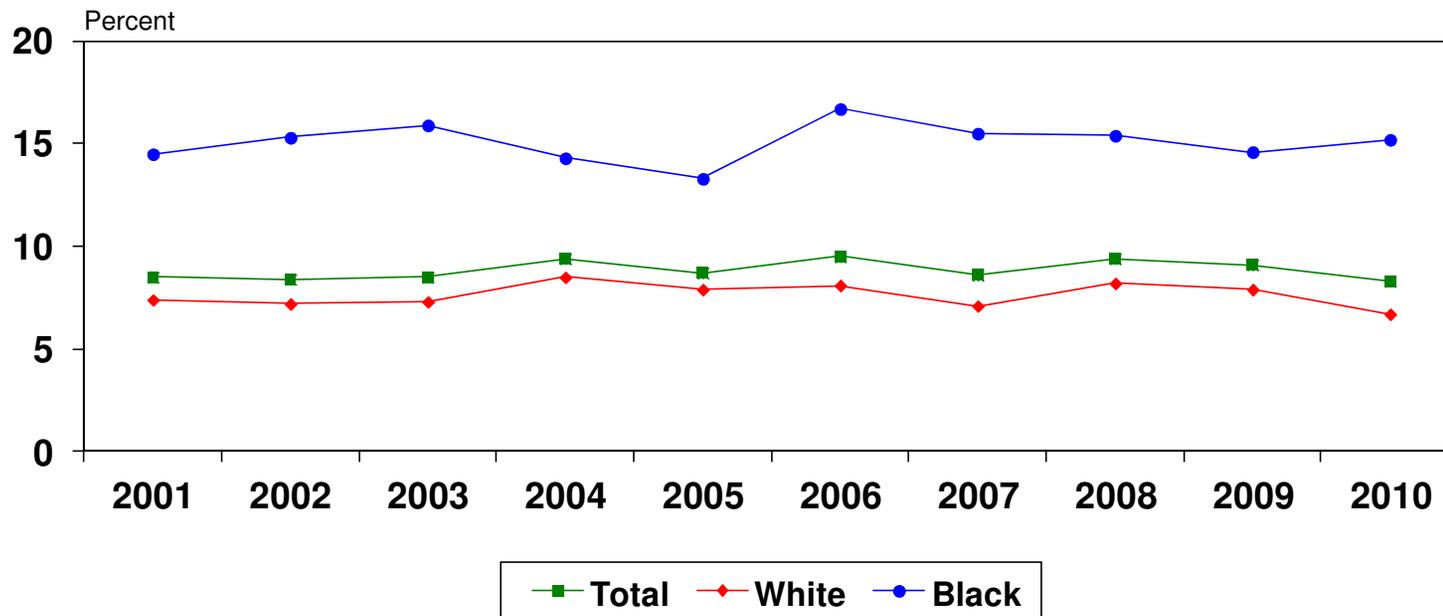


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	7.6	7.6	7.9	8.1	8.3	8.2	8.5	8.3	8.3	8.0
White	7.0	6.9	7.2	7.4	7.6	7.4	7.8	7.6	7.6	7.3
Black	12.9	12.9	13.3	13.7	13.4	14.1	14.1	14.1	13.8	13.3

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Low Birthweight Infants by Race of Mother Allen County Residents, 2001-2010

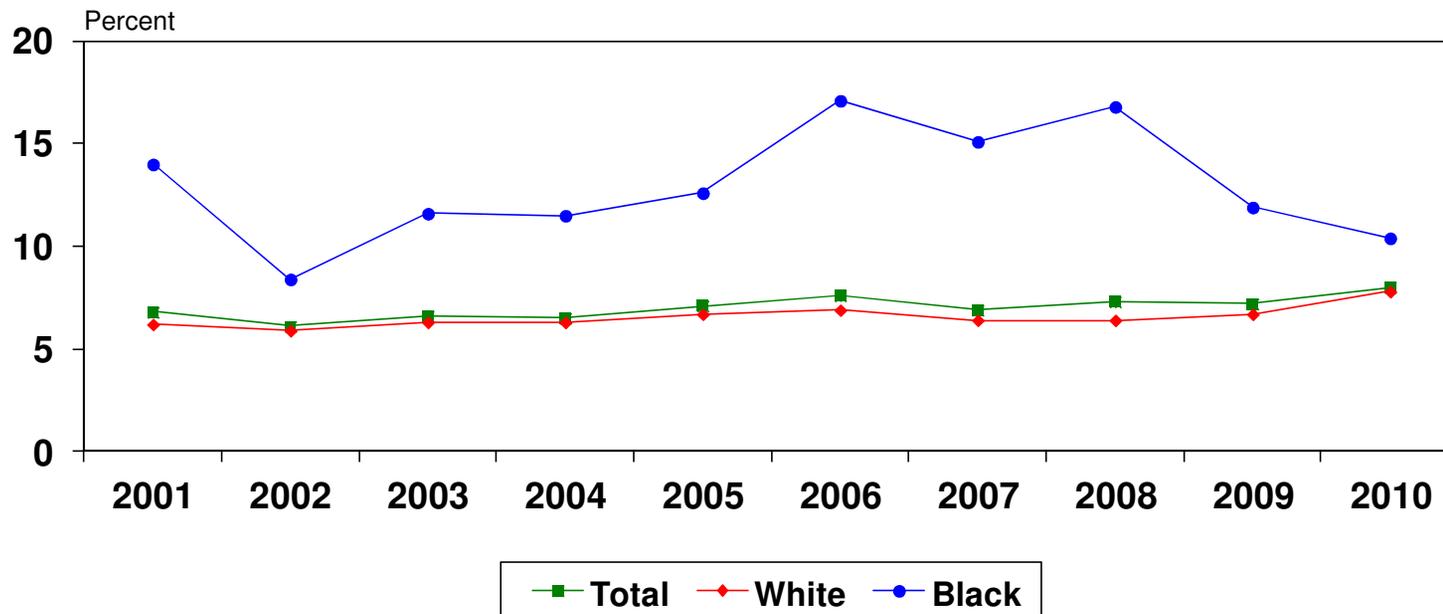


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	8.5	8.4	8.5	9.4	8.7	9.5	8.6	9.4	9.1	8.3
White	7.4	7.2	7.3	8.5	7.9	8.1	7.1	8.2	7.9	6.7
Black	14.5	15.3	15.9	14.3	13.3	16.7	15.5	15.4	14.6	15.2

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Low Birthweight Infants by Race of Mother Elkhart County Residents, 2001-2010



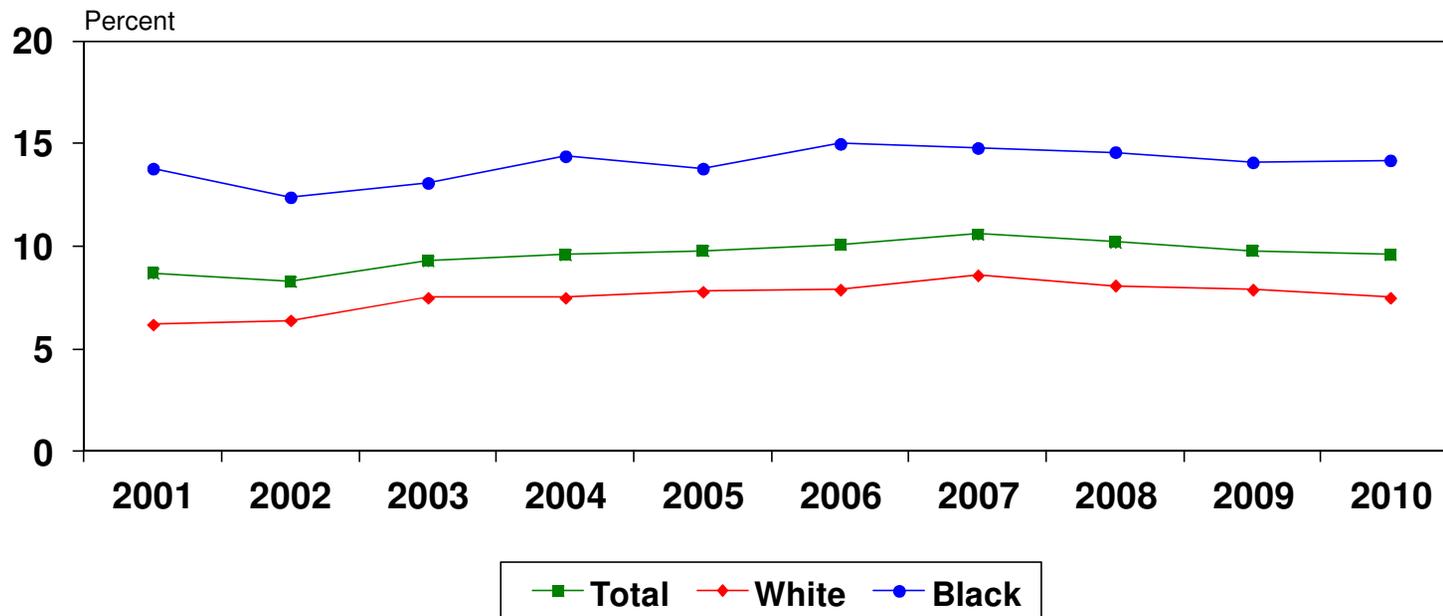
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	6.8	6.1	6.6	6.5	7.1	7.6	6.9	7.3	7.2	8.0
White	6.2	5.9	6.3	6.3	6.7	6.9	6.4	6.4	6.7	7.8
Black	14.0	8.4*	11.6	11.5	12.6	17.1	15.1	16.8	11.9	10.4

*Numerator is less than 20, and the percent is unstable.

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Low Birthweight Infants by Race of Mother Lake County Residents, 2001-2010

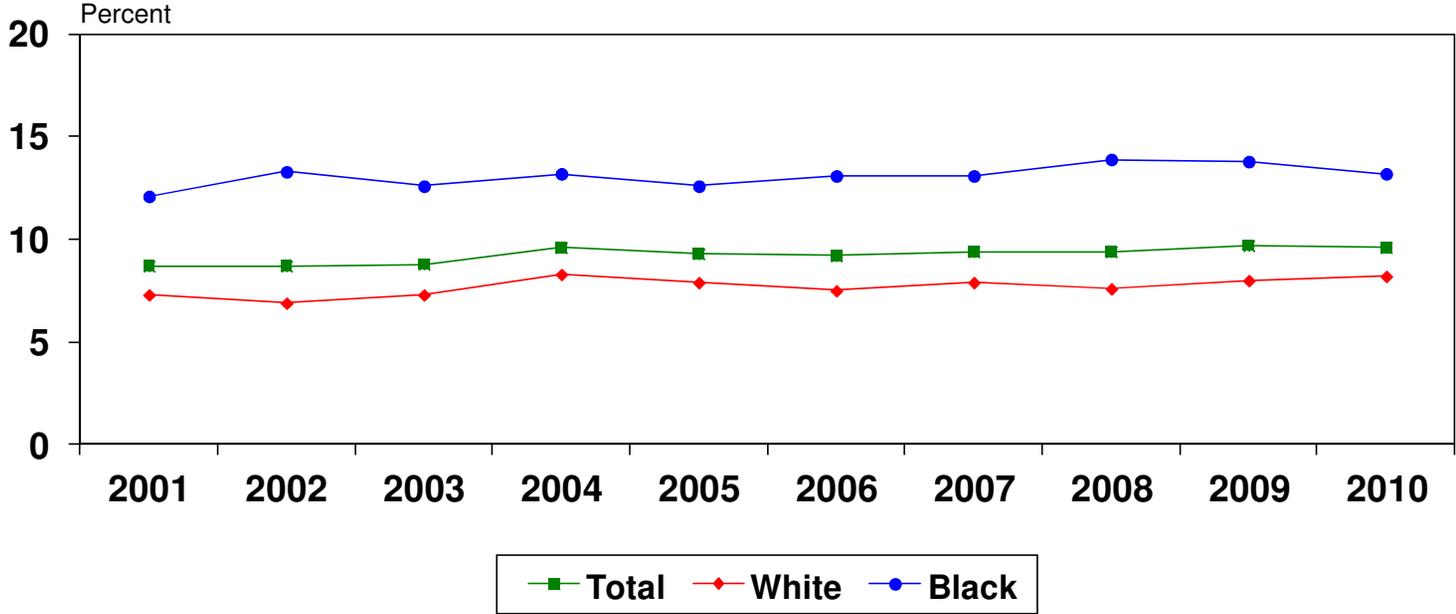


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	8.7	8.3	9.3	9.6	9.8	10.1	10.6	10.2	9.8	9.6
White	6.2	6.4	7.5	7.5	7.8	7.9	8.6	8.1	7.9	7.5
Black	13.8	12.4	13.1	14.4	13.8	15.0	14.8	14.6	14.1	14.2

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

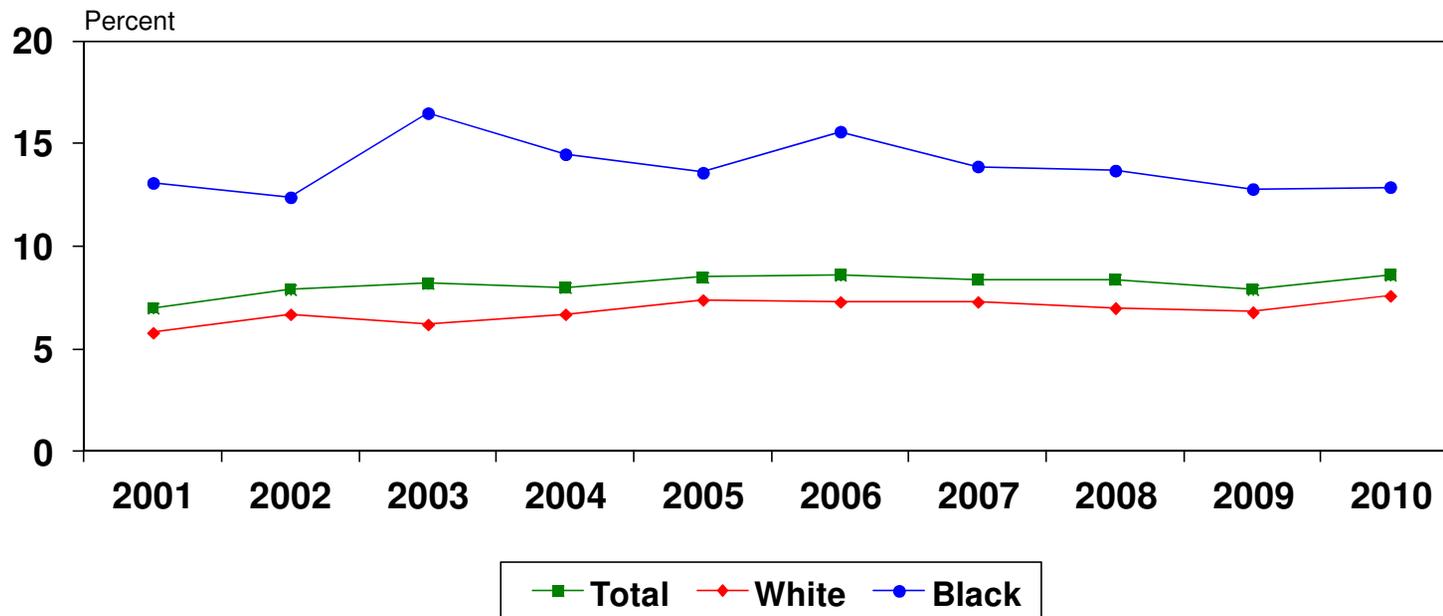
Percent of Low Birthweight Infants by Race of Mother Marion County Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	8.7	8.7	8.8	9.6	9.3	9.2	9.4	9.4	9.7	9.6
White	7.3	6.9	7.3	8.3	7.9	7.5	7.9	7.6	8.0	8.2
Black	12.1	13.3	12.6	13.2	12.6	13.1	13.1	13.9	13.8	13.2

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).
 Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Low Birthweight Infants by Race of Mother St. Joseph County Residents, 2001-2010

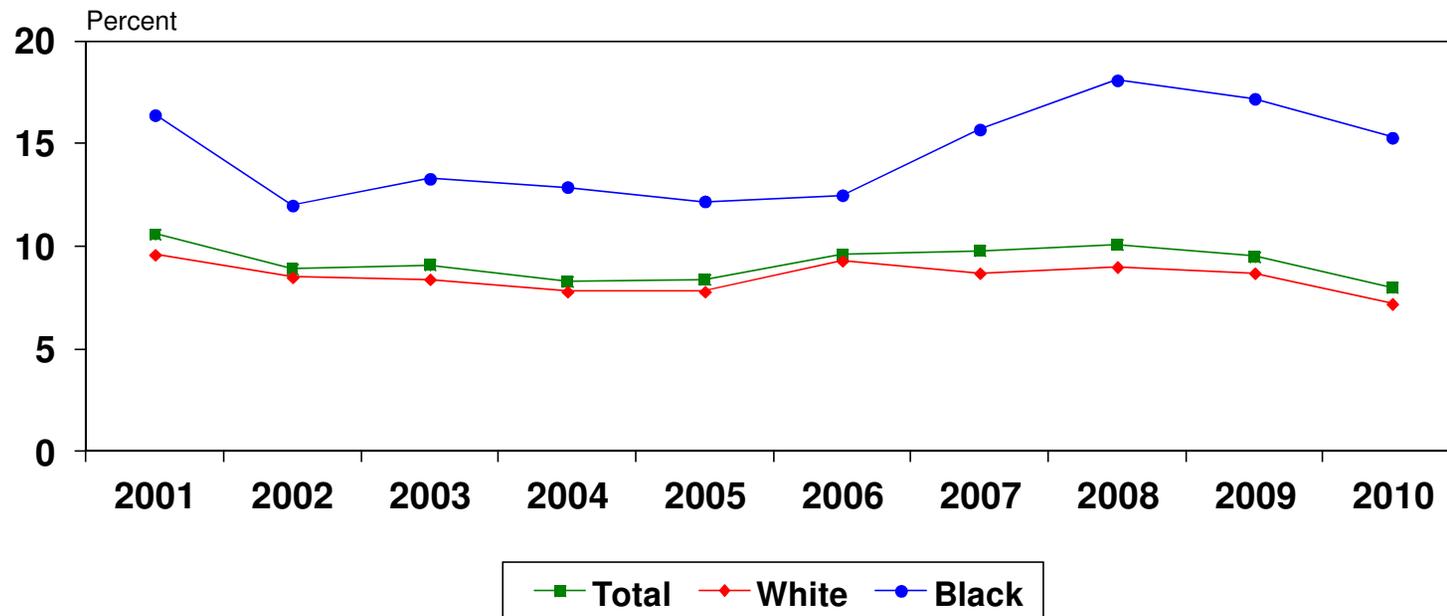


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	7.0	7.9	8.2	8.0	8.5	8.6	8.4	8.4	7.9	8.6
White	5.8	6.7	6.2	6.7	7.4	7.3	7.3	7.0	6.8	7.6
Black	13.1	12.4	16.5	14.5	13.6	15.6	13.9	13.7	12.8	12.9

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 2001-2010

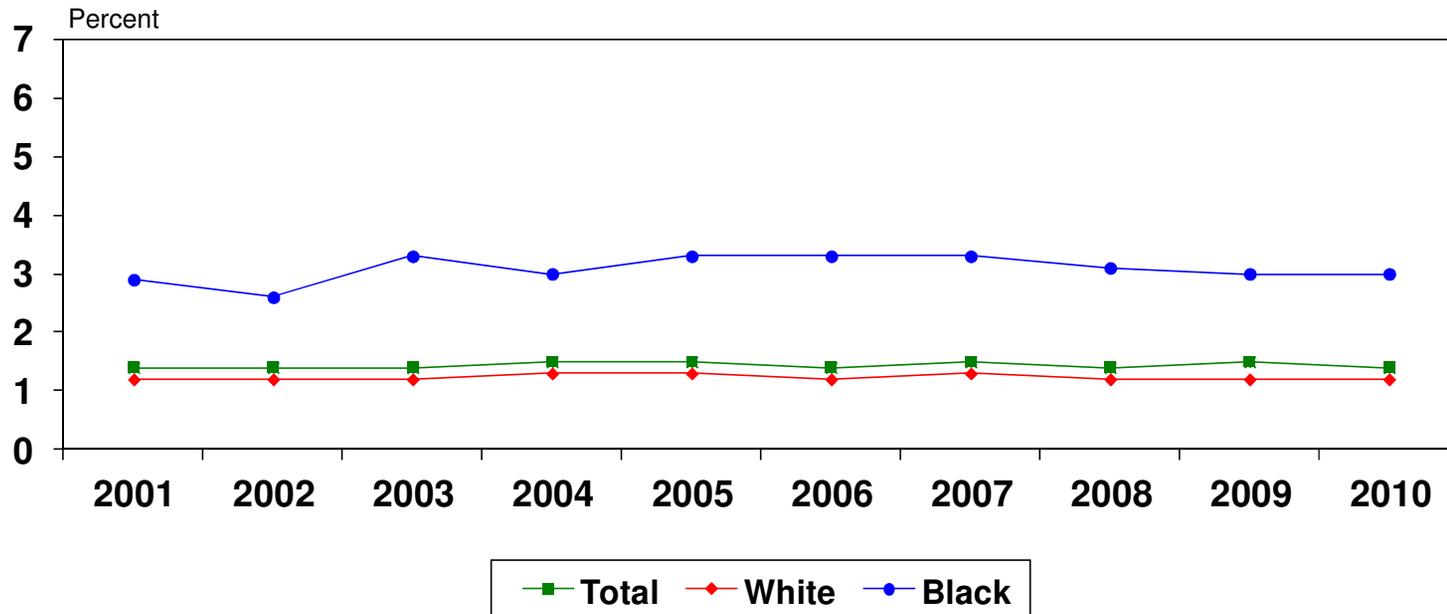


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	10.6	8.9	9.1	8.3	8.4	9.6	9.8	10.1	9.5	8.0
White	9.6	8.5	8.4	7.8	7.8	9.3	8.7	9.0	8.7	7.2
Black	16.4	12.0	13.3	12.9	12.2	12.5	15.7	18.1	17.2	15.3

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Very Low Birthweight Infants by Race of Mother Indiana Residents, 2001-2010

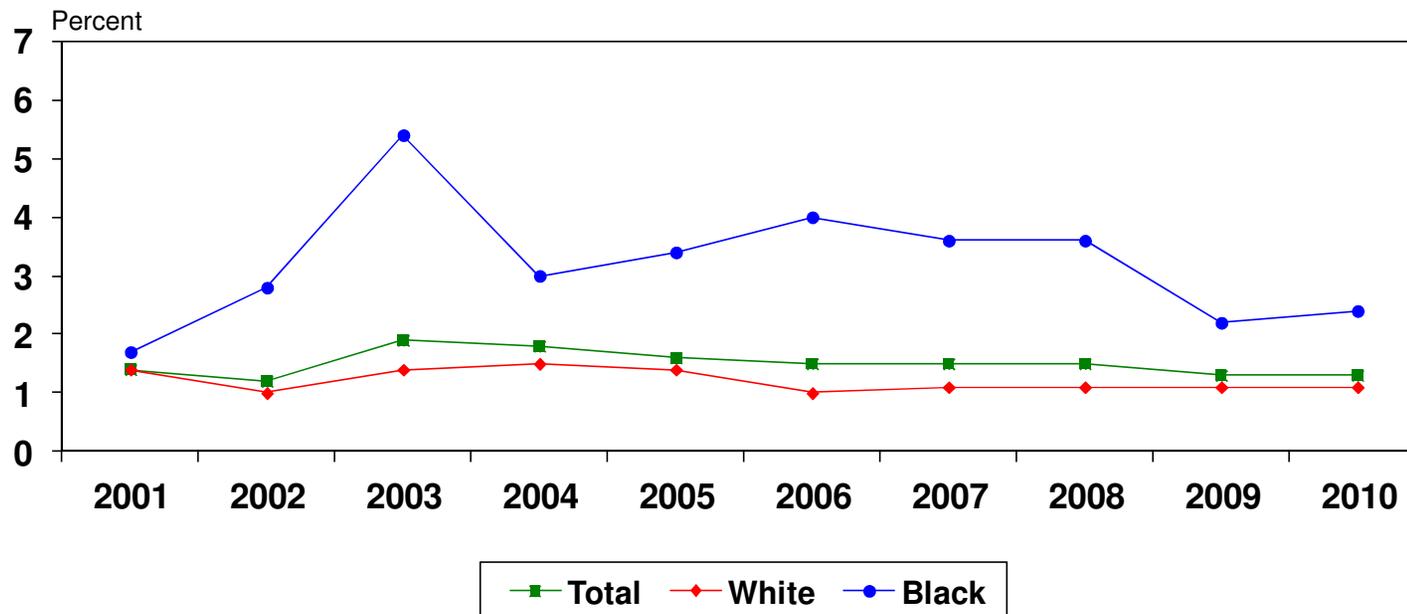


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.5	1.4
White	1.2	1.2	1.2	1.3	1.3	1.2	1.3	1.2	1.2	1.2
Black	2.9	2.6	3.3	3.0	3.3	3.3	3.3	3.1	3.0	3.0

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Very Low Birthweight Infants by Race of Mother Allen County Residents, 2001-2010



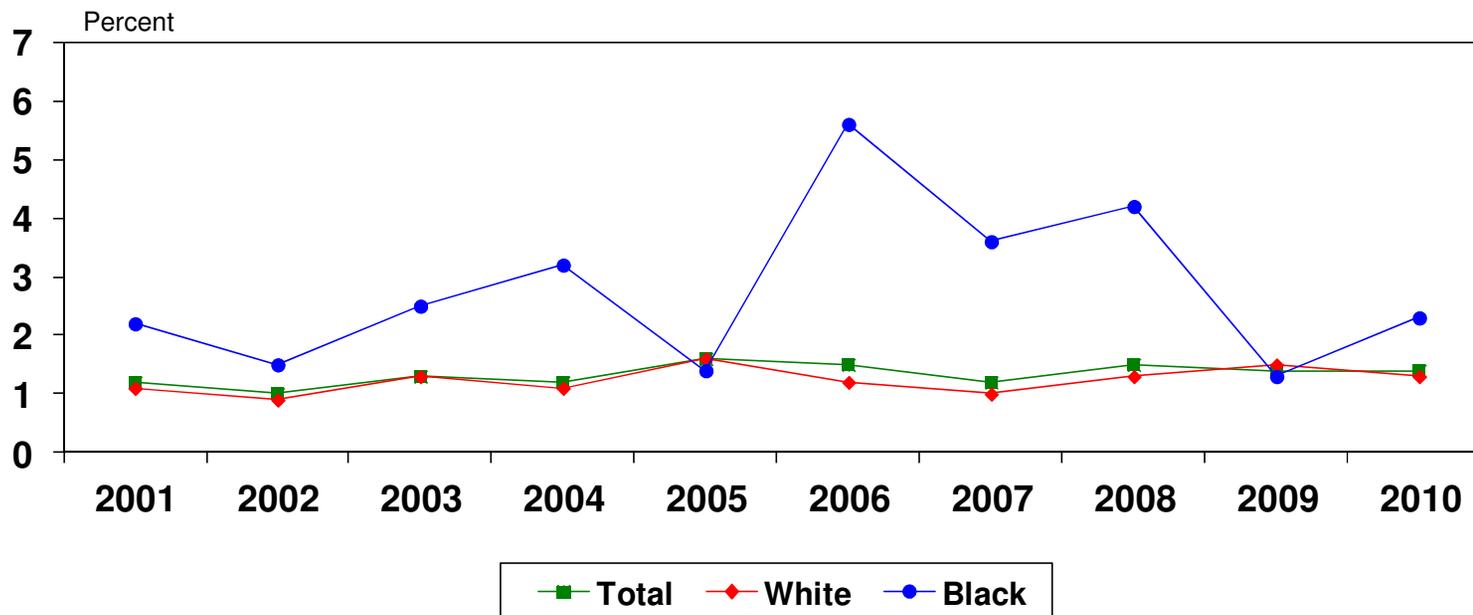
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	1.4	1.2	1.9	1.8	1.6	1.5	1.5	1.5	1.3	1.3
White	1.4	1.0	1.4	1.5	1.4	1.0	1.1	1.1	1.1	1.1
Black	1.7*	2.8	5.4	3.0	3.4	4.0	3.6	3.6	2.2*	2.4

*Numerator is less than 20, and the percent is unstable.

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Very Low Birthweight Infants by Race of Mother Elkhart County Residents, 2001-2010



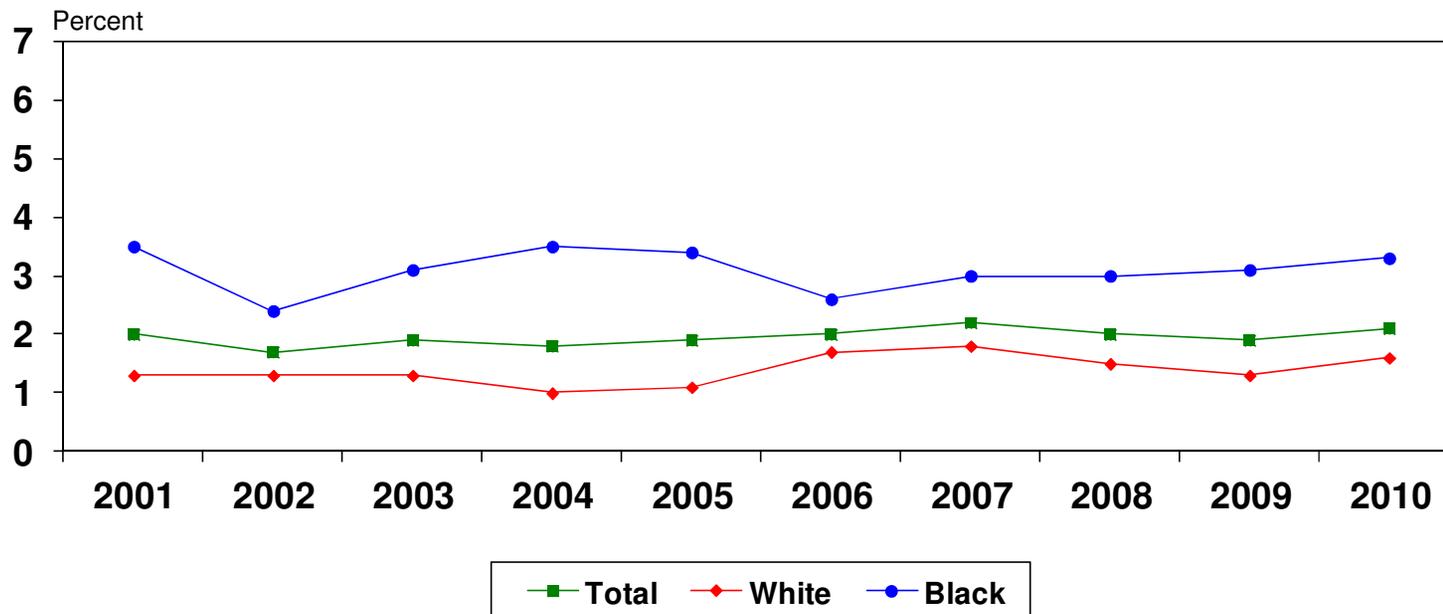
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	1.2	1.0	1.3	1.2	1.6	1.5	1.2	1.5	1.4	1.4
White	1.1	0.9	1.3	1.1	1.6	1.2	1.0	1.3	1.5	1.3
Black	2.2*	1.5*	2.5*	3.2*	1.4*	5.6*	3.6*	4.2*	1.3*	2.3*

*Numerator is less than 20, and the percent is unstable.

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Very Low Birthweight Infants by Race of Mother Lake County Residents, 2001-2010

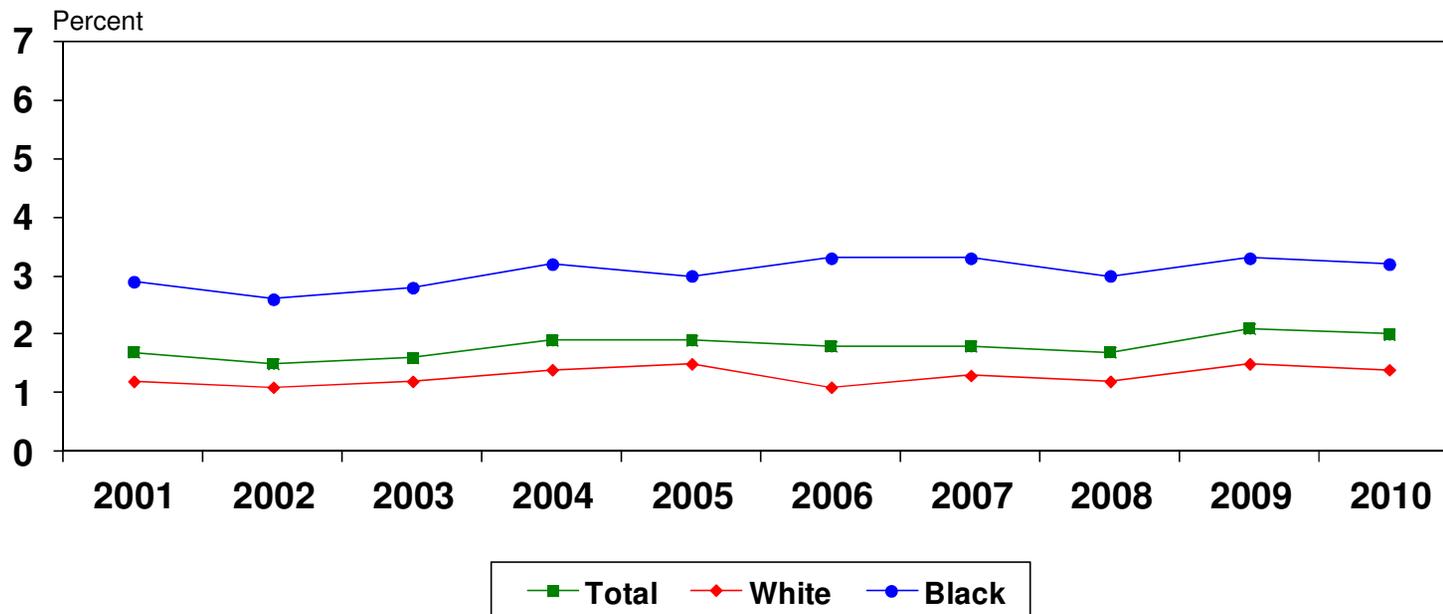


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	2.0	1.7	1.9	1.8	1.9	2.0	2.2	2.0	1.9	2.1
White	1.3	1.3	1.3	1.0	1.1	1.7	1.8	1.5	1.3	1.6
Black	3.5	2.4	3.1	3.5	3.4	2.6	3.0	3.0	3.1	3.3

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Very Low Birthweight Infants by Race of Mother Marion County Residents, 2001-2010



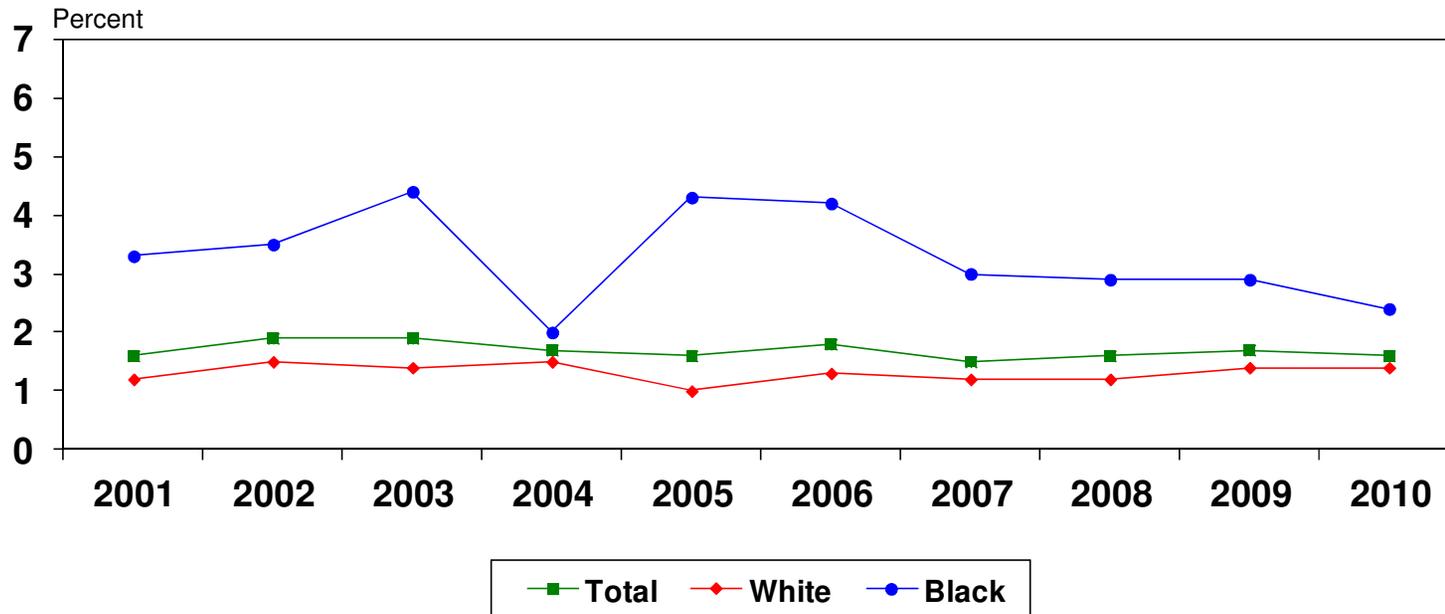
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	1.7	1.5	1.6	1.9	1.9	1.8	1.8	1.7	2.1	2.0
White	1.2	1.1	1.2	1.4	1.5	1.1	1.3	1.2	1.5	1.4
Black	2.9	2.6	2.8	3.2	3.0	3.3	3.3	3.0	3.3	3.2

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Very Low Birthweight Infants by Race of Mother

St. Joseph County Residents, 2001-2010



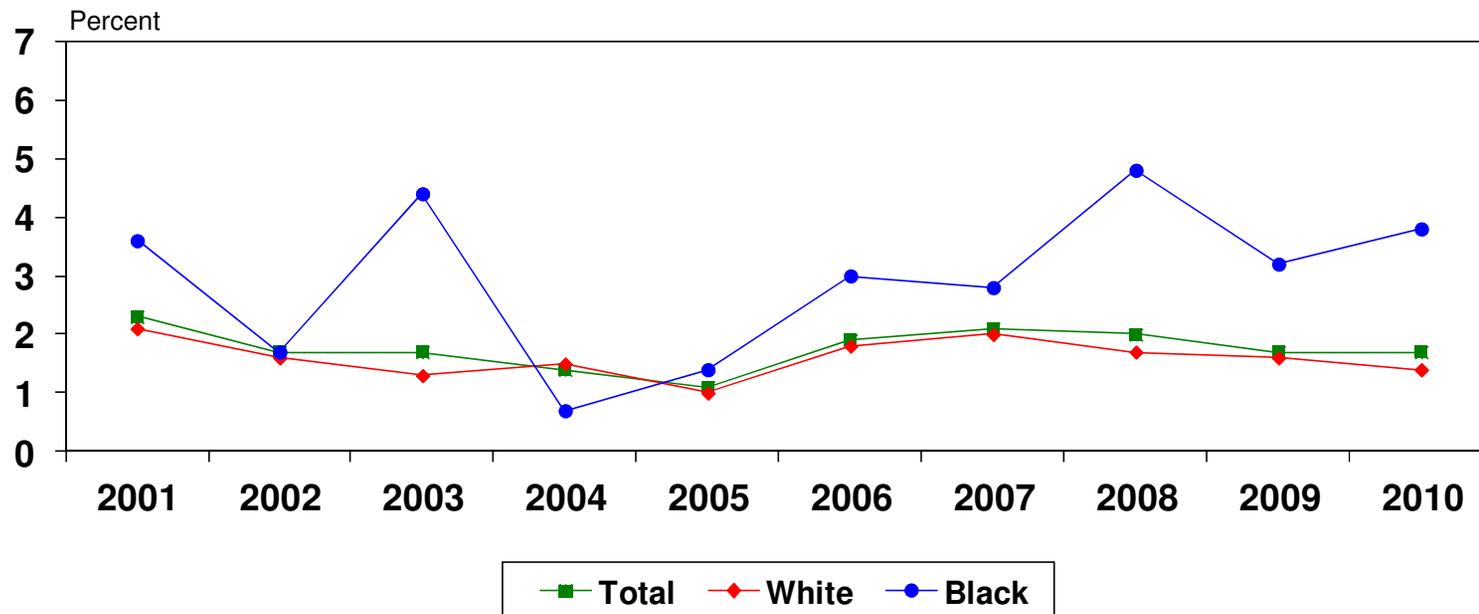
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	1.6	1.9	1.9	1.7	1.6	1.8	1.5	1.6	1.7	1.6
White	1.2	1.5	1.4	1.5	1.0	1.3	1.2	1.2	1.4	1.4
Black	3.3	3.5	4.4	2.0*	4.3	4.2	3.0	2.9	2.9	2.4*

*Numerator is less than 20, and the percent is unstable.

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Very Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 2001-2010



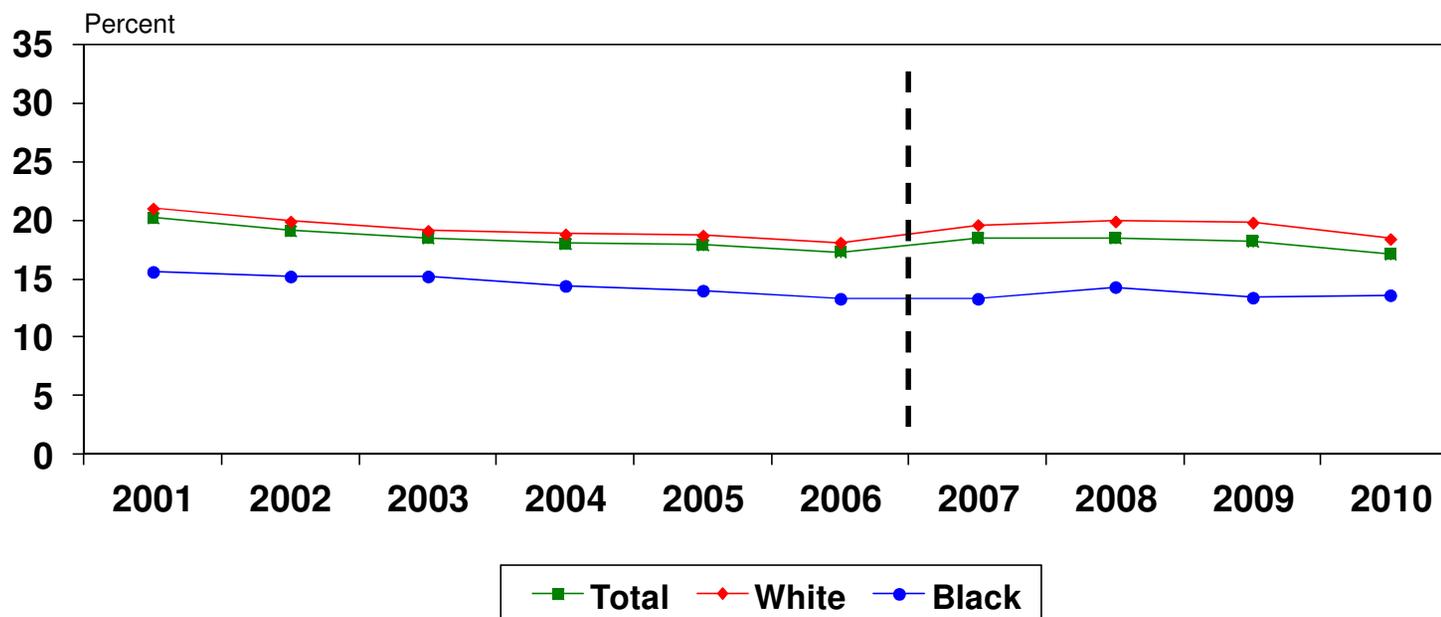
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	2.3	1.7	1.7	1.4	1.1	1.9	2.1	2.0	1.7	1.7
White	2.1	1.6	1.3	1.5	1.0	1.8	2.0	1.7	1.6	1.4
Black	3.6*	1.7*	4.4*	0.7*	1.4*	3.0*	2.8*	4.8*	3.2*	3.8*

*Numerator is less than 20, and the percent is unstable.

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Indiana Residents, 2001-2010

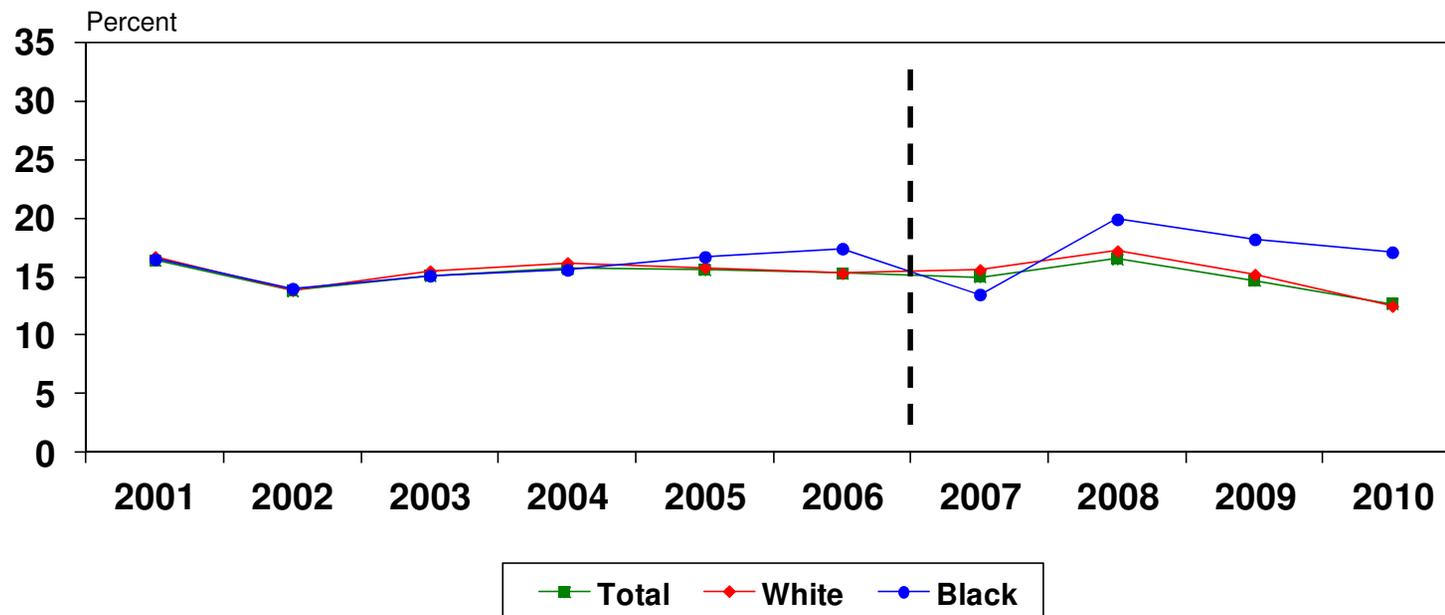


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	20.2	19.1	18.5	18.0	17.9	17.3	18.5	18.5	18.2	17.1
White	21.0	19.9	19.1	18.8	18.7	18.1	19.6	19.9	19.8	18.4
Black	15.6	15.2	15.2	14.4	14.0	13.3	13.3	14.3	13.4	13.6

*Because of birth certificate revisions in 2007, tobacco data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Allen County Residents, 2001-2010

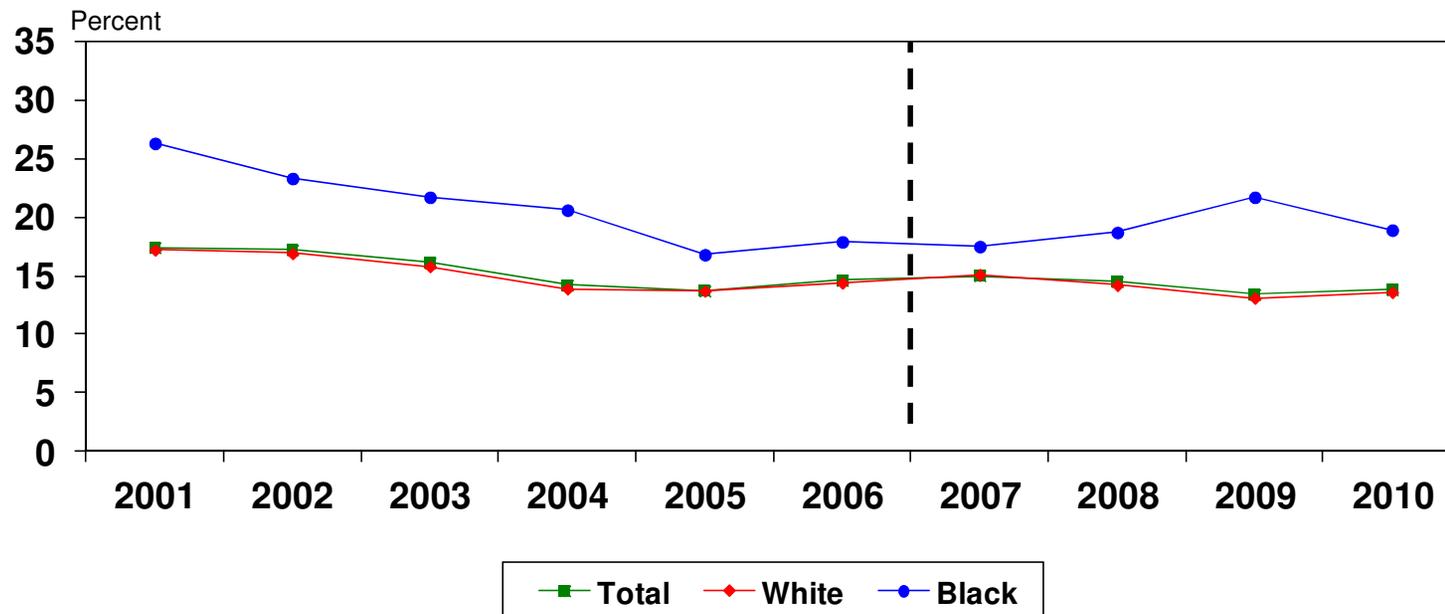


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	16.4	13.8	15.1	15.7	15.6	15.3	15.0	16.5	14.7	12.7
White	16.7	13.9	15.5	16.2	15.8	15.3	15.6	17.2	15.2	12.5
Black	16.5	14.0	15.1	15.6	16.7	17.4	13.5	19.9	18.2	17.1

*Because of birth certificate revisions in 2007, tobacco data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Elkhart County Residents, 2001-2010

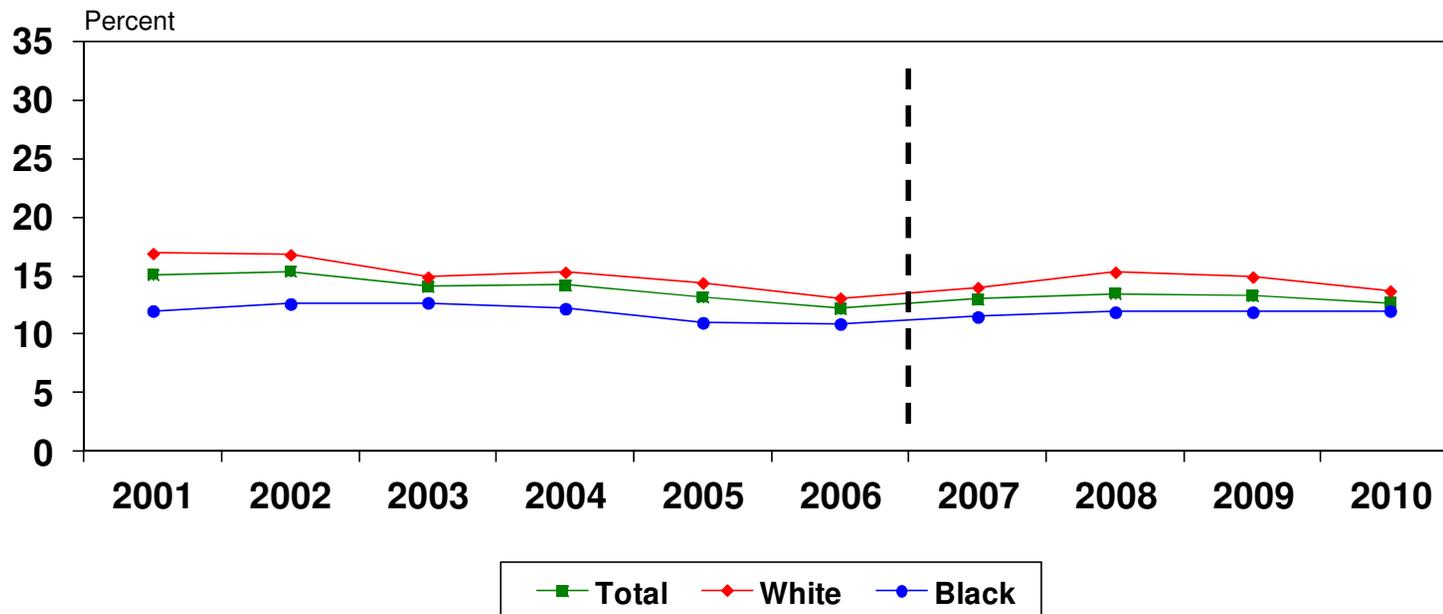


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	17.4	17.2	16.1	14.2	13.7	14.6	15.0	14.5	13.4	13.8
White	17.2	16.9	15.8	13.9	13.7	14.4	15.1	14.2	13.1	13.6
Black	26.3	23.3	21.7	20.6	16.8	17.9	17.5	18.7	21.7	18.9

*Because of birth certificate revisions in 2007, tobacco data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Lake County Residents, 2001-2010



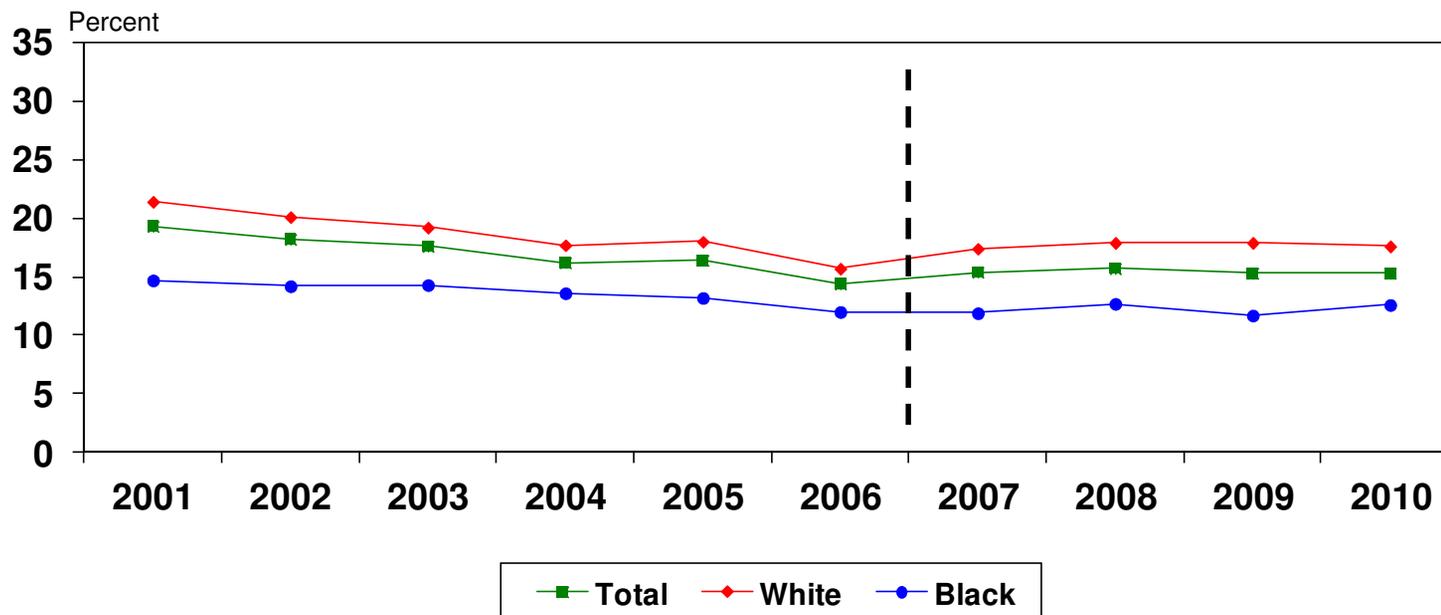
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	15.1	15.4	14.1	14.2	13.2	12.2	13.0	13.5	13.3	12.7
White	16.9	16.8	14.9	15.3	14.4	13.1	14.0	15.3	14.9	13.7
Black	12.0	12.6	12.7	12.2	11.0	10.9	11.5	11.9	11.9	12.0

*Because of birth certificate revisions in 2007, tobacco data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race

Marion County Residents, 2001-2010



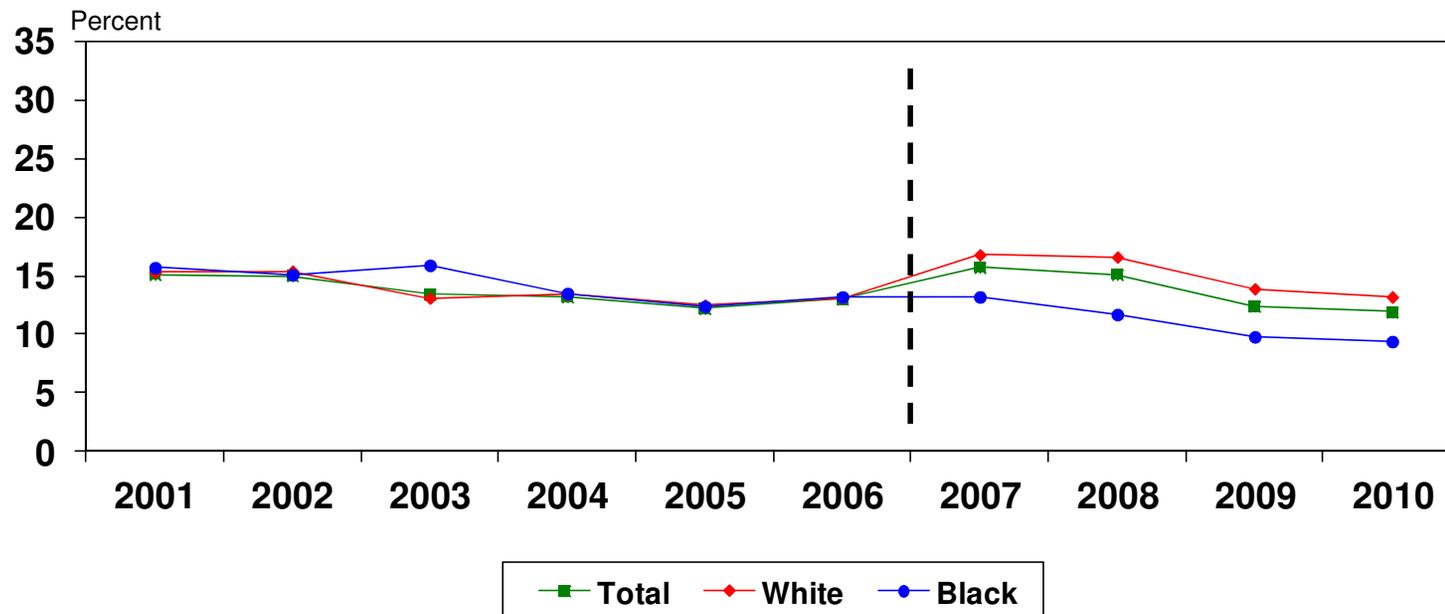
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	19.3	18.2	17.6	16.2	16.4	14.4	15.4	15.7	15.3	15.3
White	21.4	20.1	19.2	17.7	18.0	15.7	17.4	17.9	17.9	17.6
Black	14.7	14.2	14.3	13.6	13.2	12.0	11.9	12.7	11.7	12.6

*Because of birth certificate revisions in 2007, tobacco data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race

St. Joseph County Residents, 2001-2010

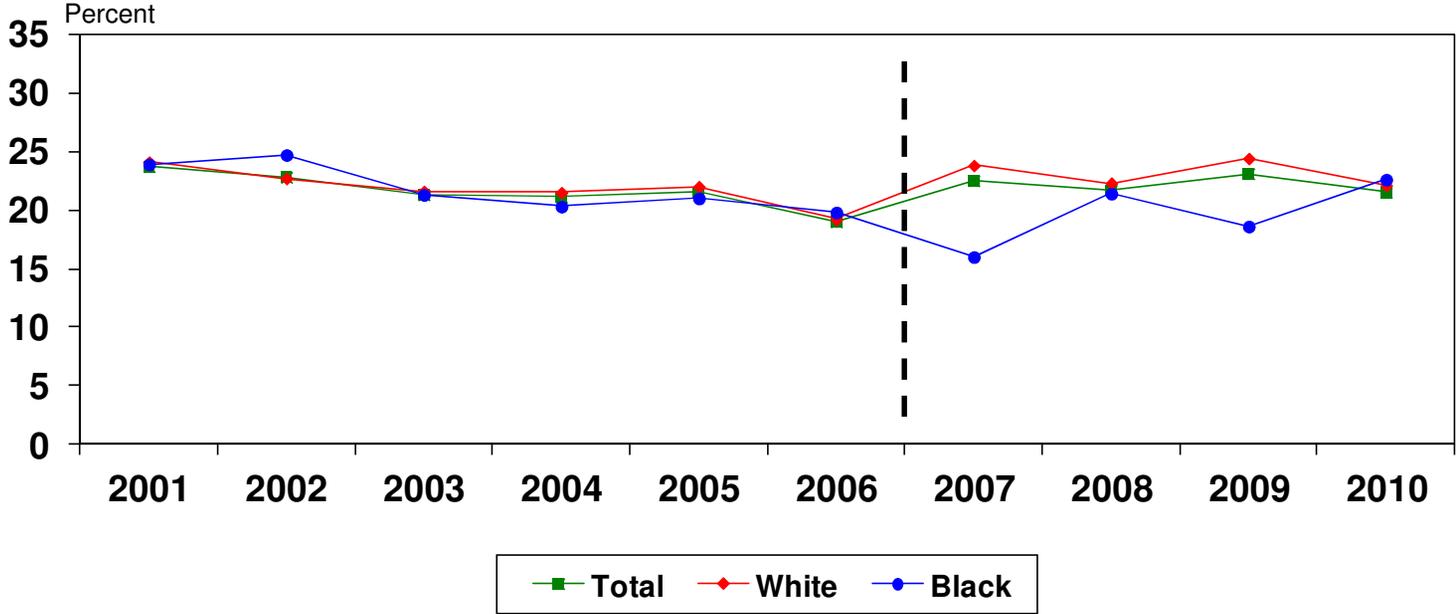


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	15.1	15.0	13.4	13.2	12.2	13.0	15.7	15.1	12.4	11.9
White	15.3	15.4	13.1	13.4	12.5	13.1	16.8	16.6	13.9	13.2
Black	15.7	15.1	15.9	13.5	12.4	13.2	13.2	11.7	9.8	9.4

*Because of birth certificate revisions in 2007, tobacco data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Vanderburgh County Residents, 2001-2010

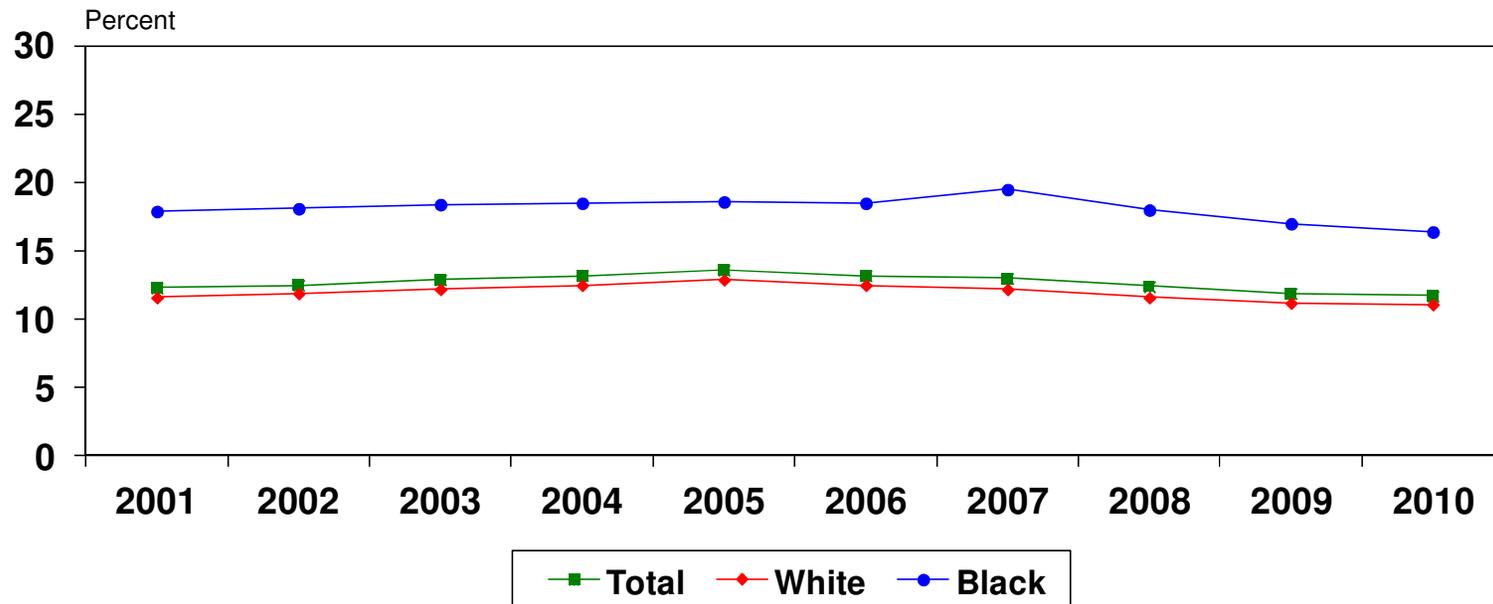


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	23.7	22.8	21.3	21.1	21.5	19.0	22.5	21.7	23.1	21.5
White	24.1	22.7	21.6	21.5	22.0	19.2	23.8	22.3	24.4	22.1
Black	23.9	24.7	21.3	20.3	21.0	19.8	16.0	21.4	18.6	22.6

*Because of birth certificate revisions in 2007, tobacco data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Preterm Births** by Race of Mother Indiana Residents, 2001-2010



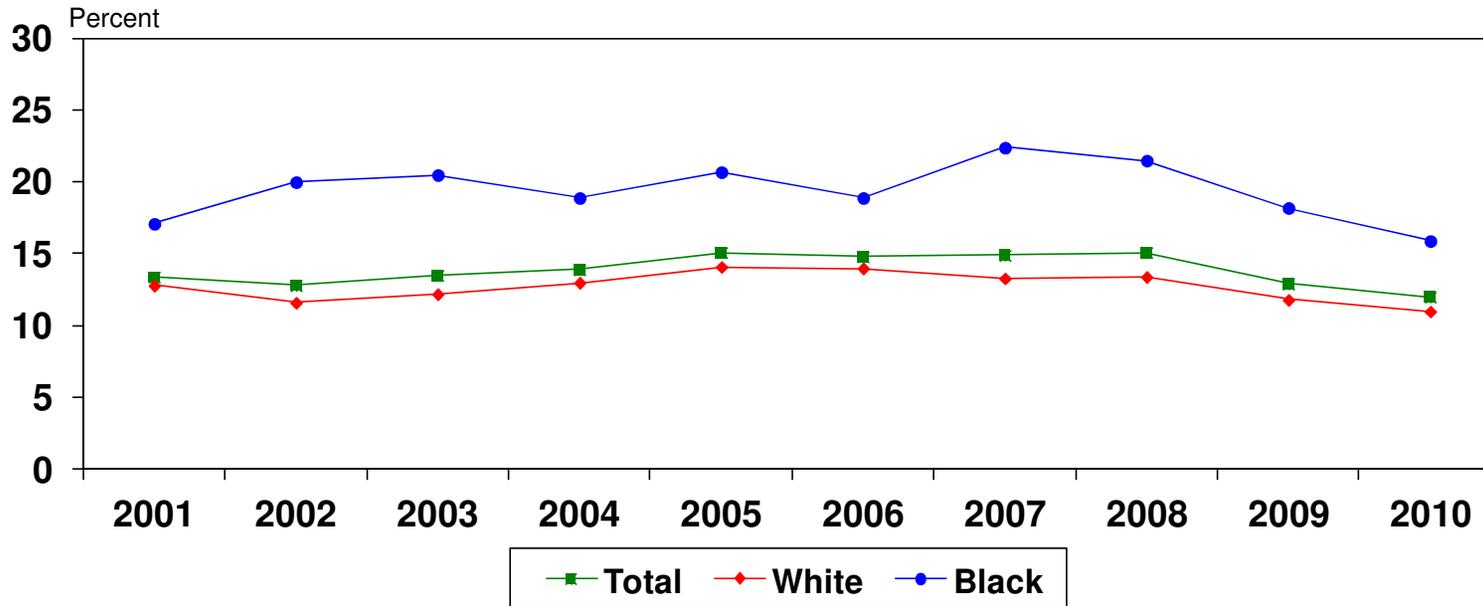
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	12.3	12.5	12.9	13.2	13.6	13.2	13.0	12.4	11.9	11.7
White	11.6	11.9	12.2	12.5	12.9	12.5	12.2	11.6	11.2	11.1
Black	17.9	18.1	18.4	18.5	18.6	18.5	19.5	18.0	17.0	16.4

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2010 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Preterm Births** by Race of Mother Allen County Residents, 2001-2010



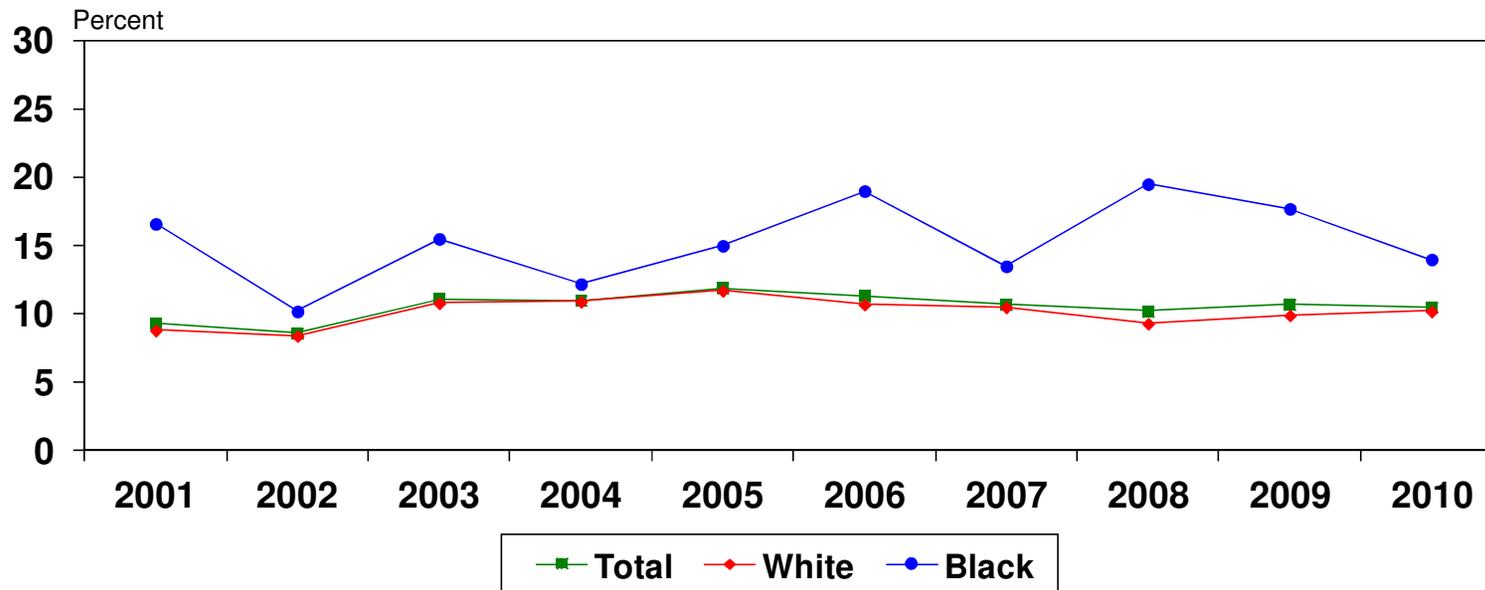
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	13.4	12.8	13.5	13.9	15.1	14.8	14.9	15.1	12.9	12.0
White	12.8	11.6	12.2	13.0	14.1	14.0	13.3	13.4	11.8	11.0
Black	17.1	20.0	20.5	18.9	20.7	18.9	22.4	21.5	18.2	15.9

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2010 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Preterm Births** by Race of Mother Elkhart County Residents, 2001-2010



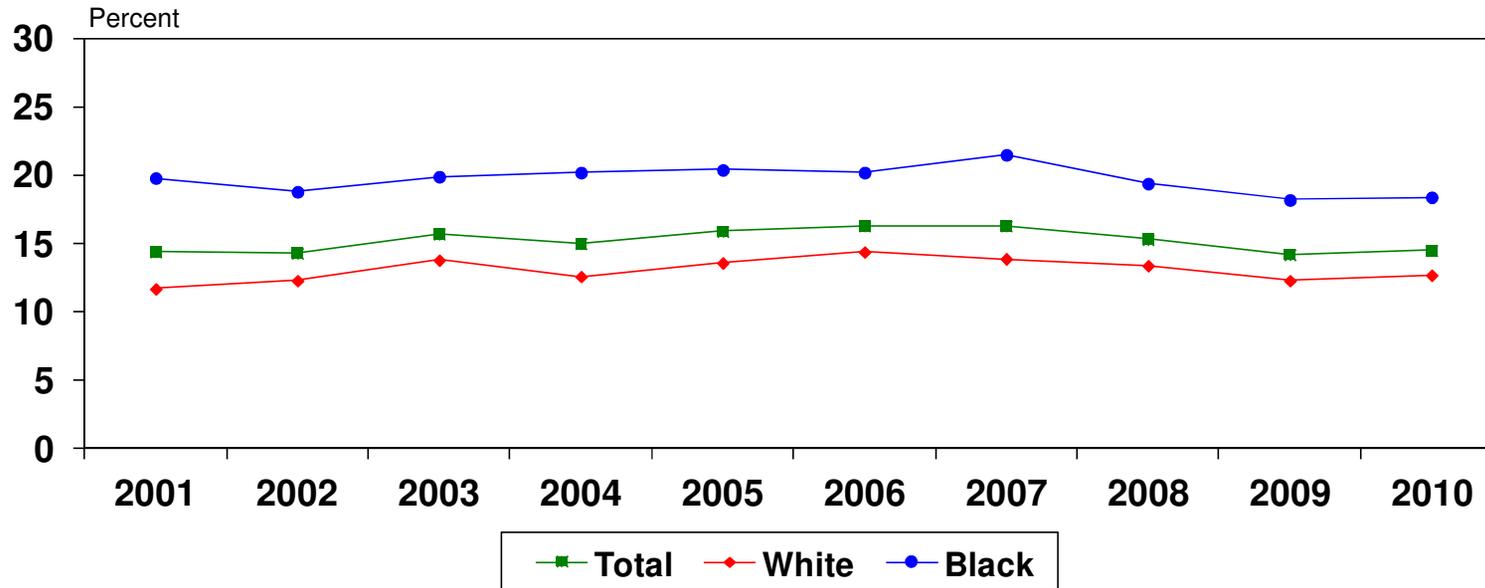
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	9.3	8.6	11.1	11.0	11.9	11.3	10.7	10.2	10.7	10.5
White	8.8	8.4	10.8	10.9	11.7	10.7	10.5	9.3	9.9	10.2
Black	16.6	10.2	15.5	12.2	15.0	19.0	13.5	19.5	17.7	14.0

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2010 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Preterm Births** by Race of Mother Lake County Residents, 2001-2010



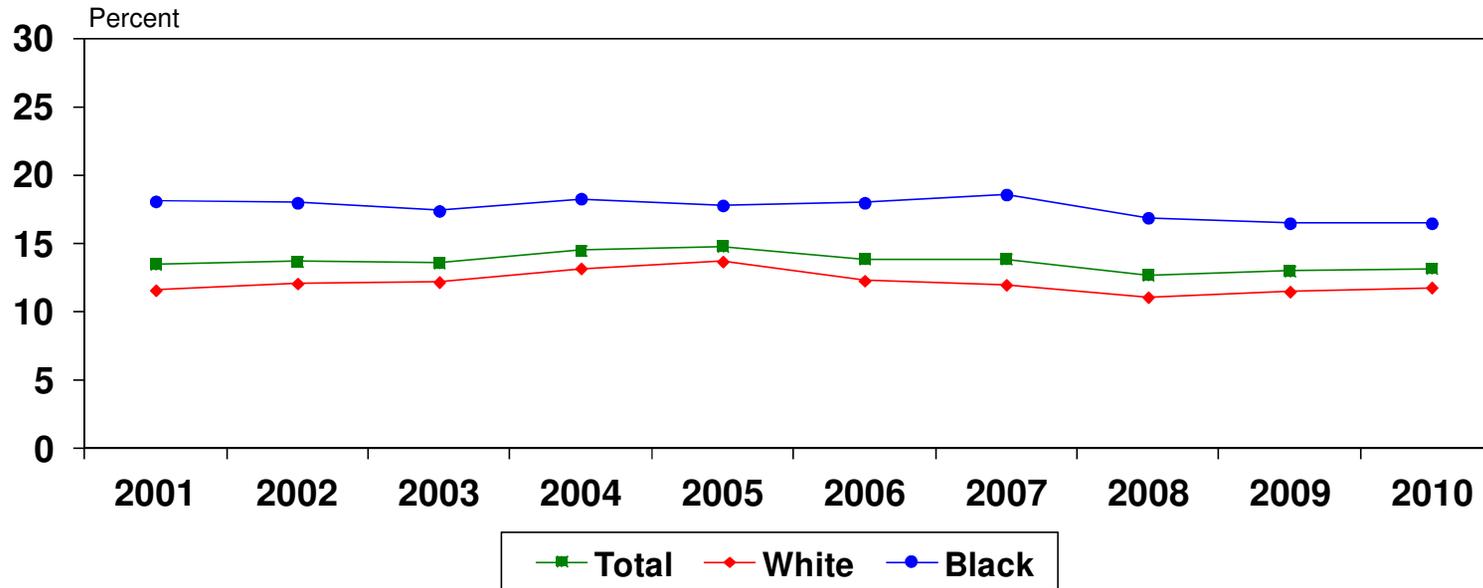
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	14.4	14.3	15.7	15.0	15.9	16.3	16.3	15.3	14.2	14.5
White	11.7	12.3	13.8	12.6	13.6	14.4	13.9	13.4	12.3	12.7
Black	19.8	18.8	19.9	20.2	20.4	20.2	21.5	19.4	18.2	18.4

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2010 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Preterm Births** by Race of Mother Marion County Residents, 2001-2010



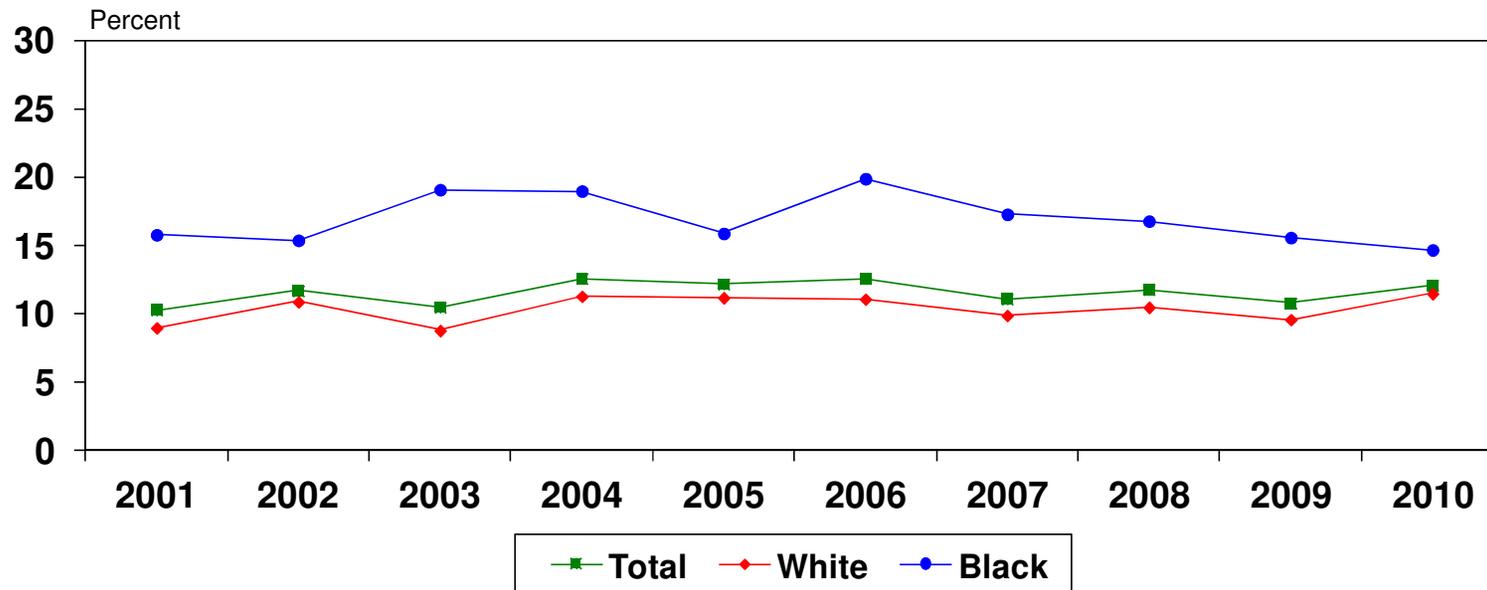
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	13.5	13.7	13.6	14.5	14.8	13.9	13.9	12.7	13.0	13.2
White	11.6	12.1	12.2	13.2	13.7	12.3	12.0	11.1	11.5	11.8
Black	18.1	18.0	17.4	18.3	17.8	18.0	18.6	16.9	16.5	16.5

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2010 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Preterm Births** by Race of Mother St. Joseph County Residents, 2001-2010



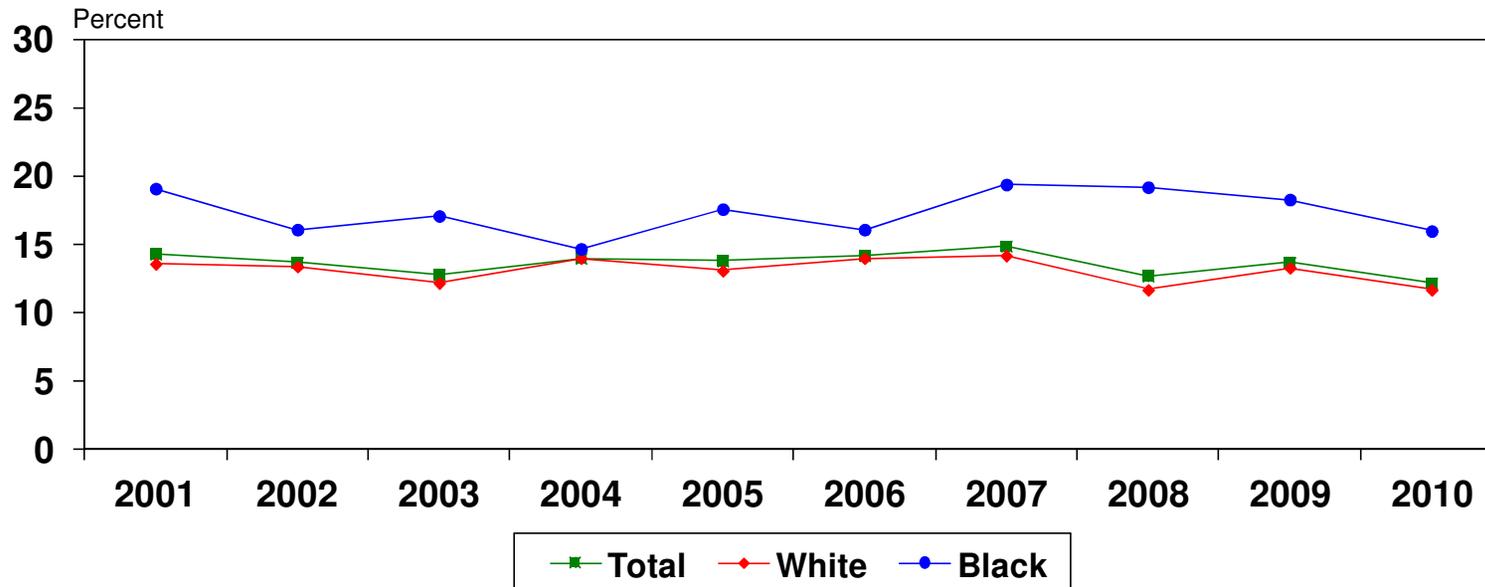
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	10.3	11.7	10.5	12.6	12.2	12.6	11.1	11.8	10.8	12.1
White	9.0	10.9	8.8	11.3	11.2	11.1	9.9	10.5	9.6	11.5
Black	15.8	15.4	19.1	19.0	15.9	19.9	17.3	16.8	15.6	14.7

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2010 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Preterm Births** by Race of Mother Vanderburgh County Residents, 2001-2010



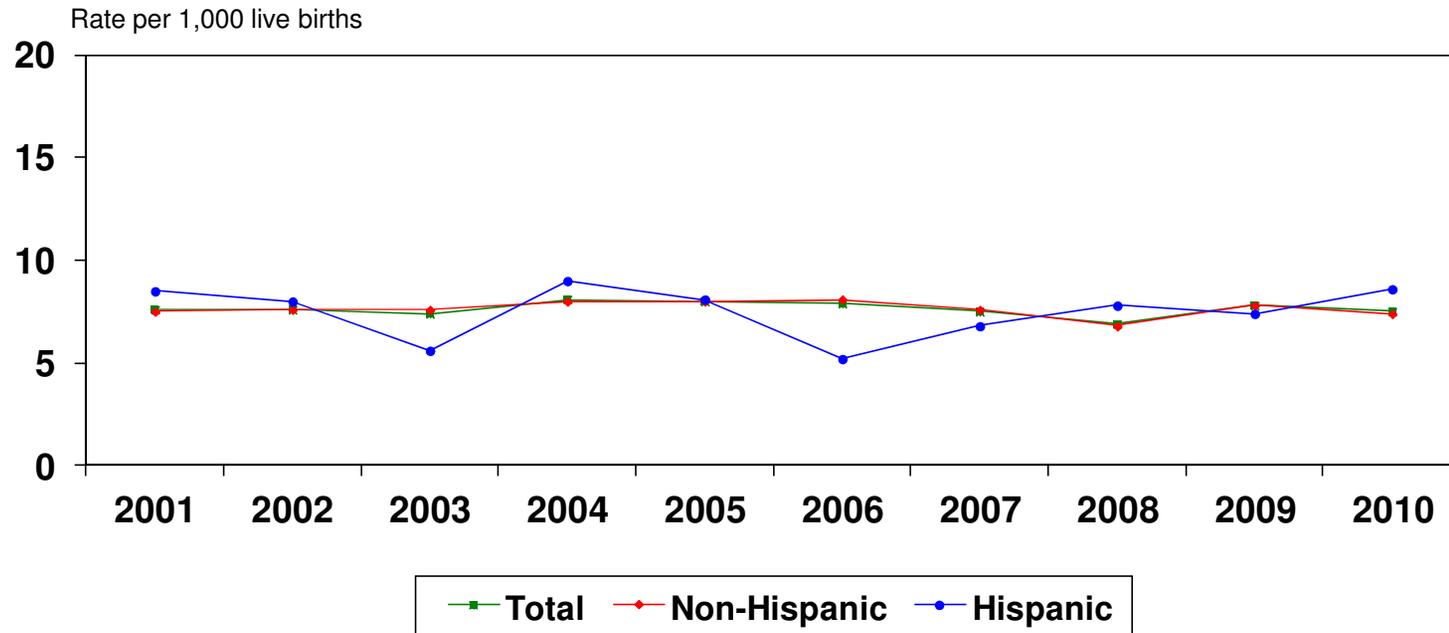
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	14.3	13.7	12.8	14.0	13.8	14.2	14.9	12.7	13.7	12.2
White	13.6	13.4	12.2	14.0	13.1	14.0	14.2	11.7	13.3	11.7
Black	19.1	16.1	17.1	14.7	17.6	16.1	19.4	19.2	18.3	16.0

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2010 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates by Ethnicity Indiana Residents, 2001-2010

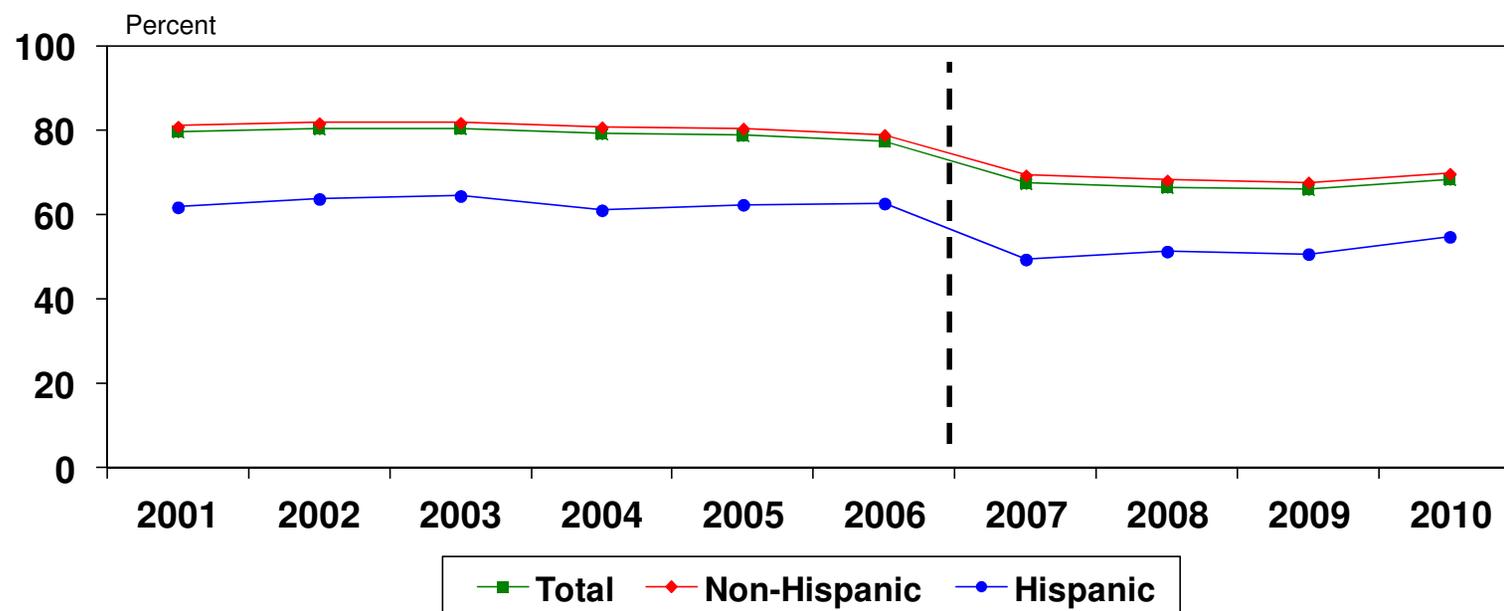


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	7.6	7.6	7.4	8.1	8.0	7.9	7.5	6.9	7.8	7.5
Non-Hispanic	7.5	7.6	7.6	8.0	8.0	8.1	7.6	6.8	7.8	7.4
Hispanic	8.5	8.0	5.6	9.0	8.1	5.2	6.8	7.8	7.4	8.6

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Ethnicity Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	79.8	80.5	80.6	79.3	78.9	77.6	67.5	66.6	66.1	68.5
Non-Hispanic	81.1	81.9	82.0	80.9	80.6	79.1	69.5	68.3	67.8	69.9
Hispanic	61.9	63.9	64.6	61.2	62.5	62.8	49.5	51.4	50.8	54.9

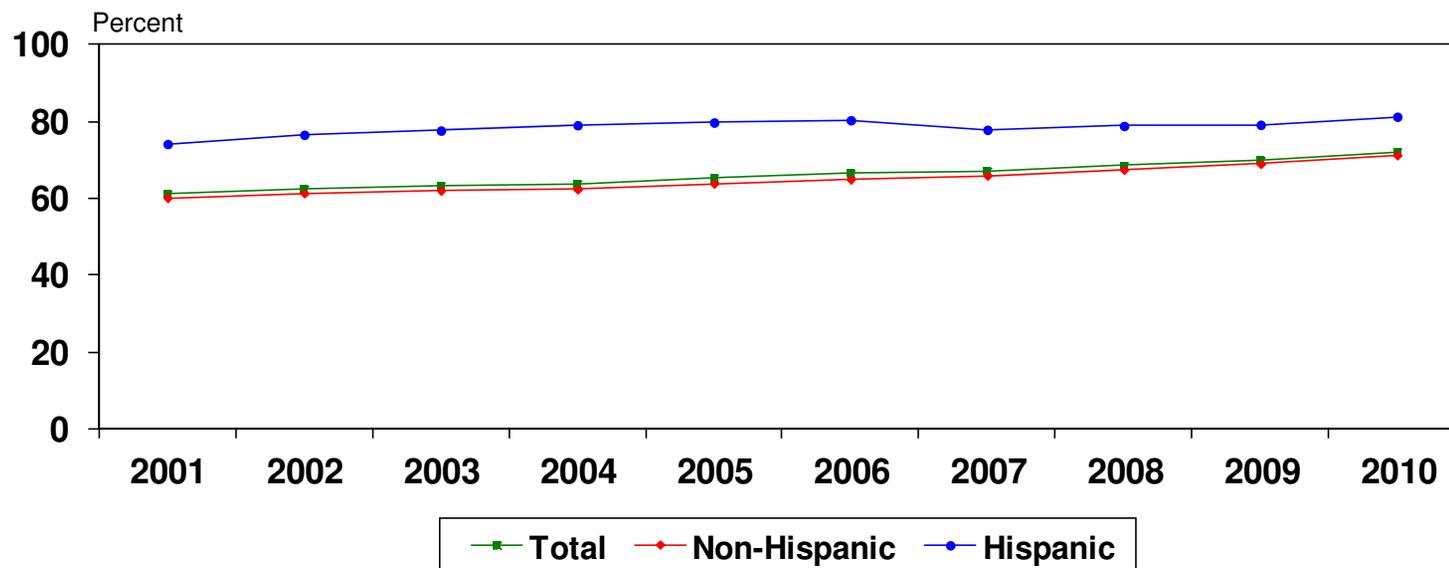
*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Notes: Hispanic ethnicity can be of any race.

The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Ethnicity Indiana Residents, 2001-2010

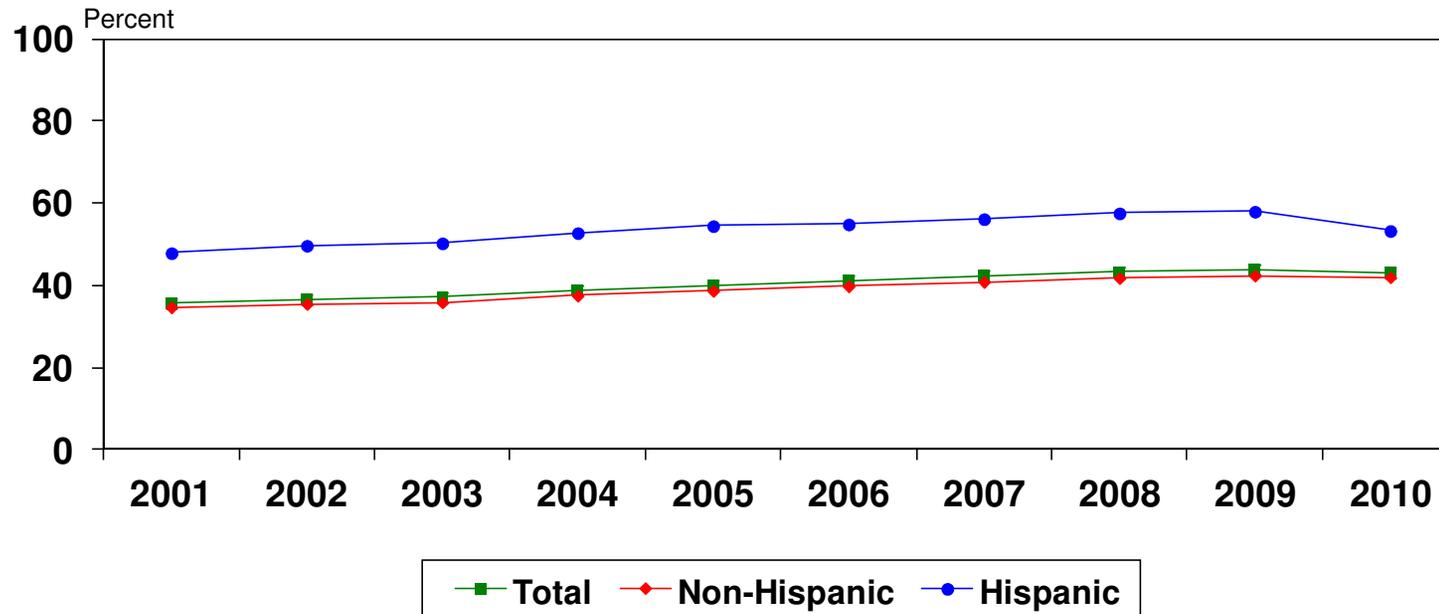


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	61.1	62.4	63.2	63.8	65.3	66.5	67.1	68.5	69.9	72.1
Non-Hispanic	60.2	61.4	62.1	62.4	63.9	65.0	66.0	67.5	69.0	71.3
Hispanic	74.2	76.6	77.7	79.1	79.8	80.4	77.9	78.9	79.2	81.3

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Live Births to Unmarried Mothers by Ethnicity of Mother Indiana Residents, 2001-2010

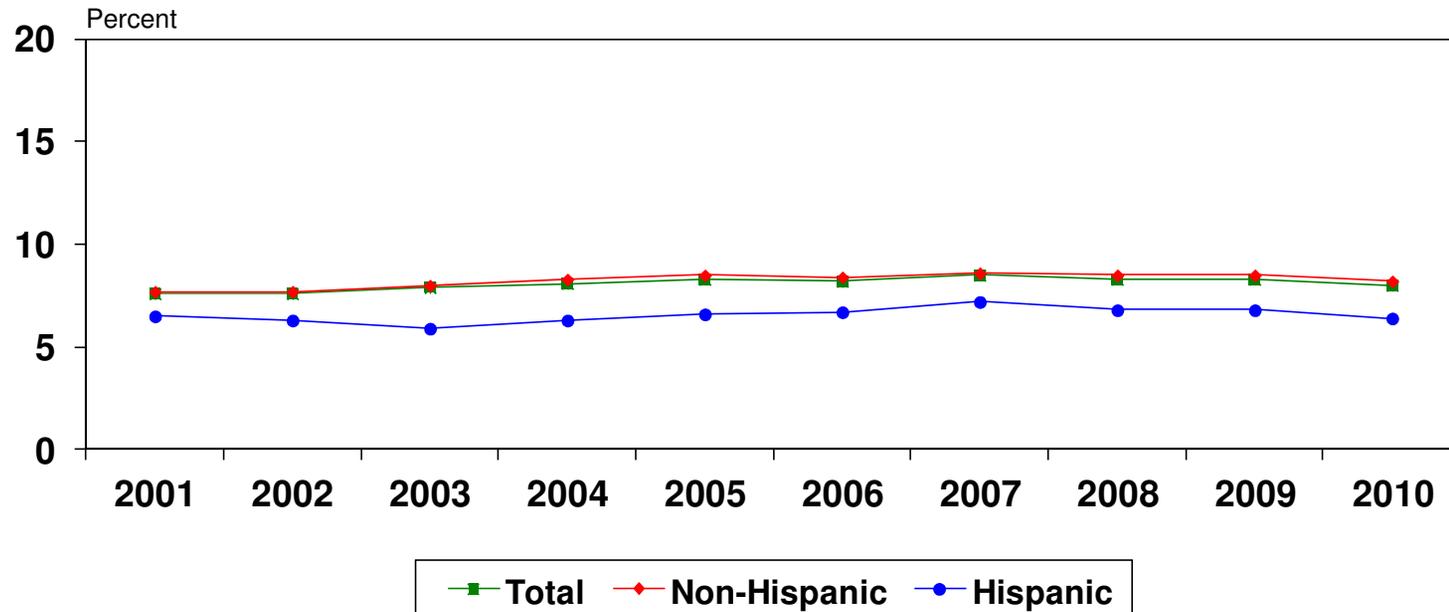


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	35.6	36.5	37.1	38.8	40.1	41.2	42.4	43.3	43.9	43.0
Non-Hispanic	34.7	35.5	35.9	37.5	38.7	39.8	40.9	41.8	42.4	42.0
Hispanic	47.9	49.7	50.3	52.8	54.5	54.9	56.2	57.6	58.0	53.3

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 2001-2010



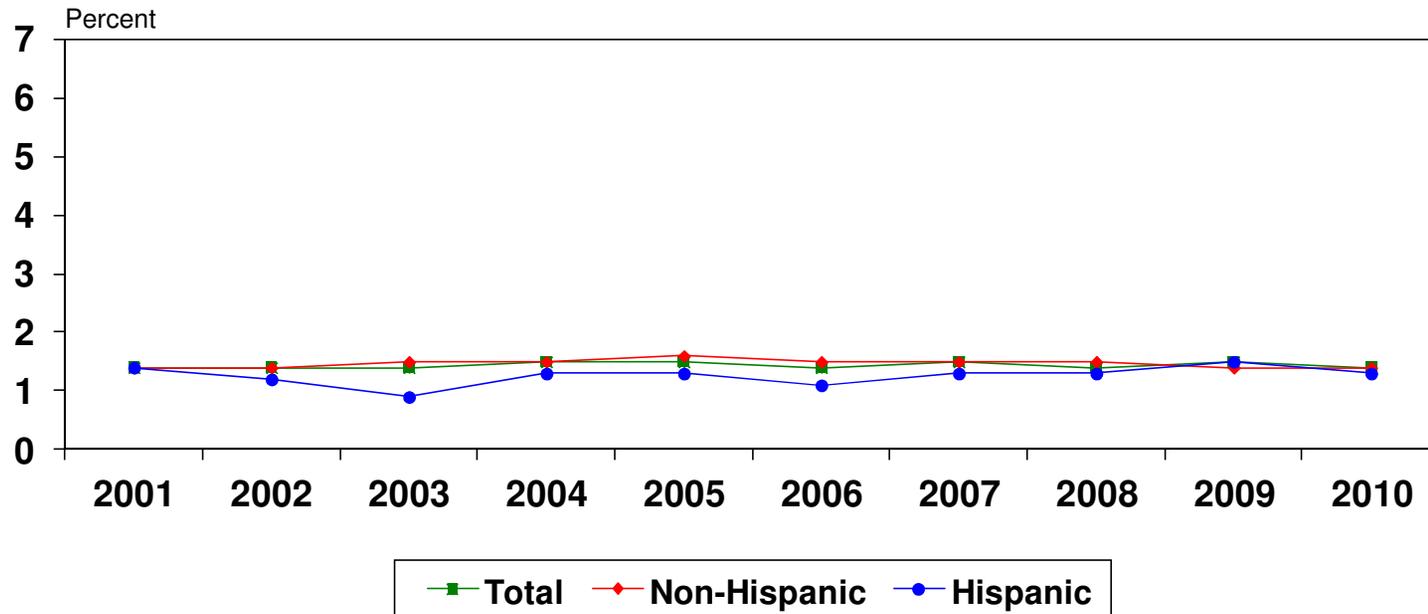
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	7.6	7.6	7.9	8.1	8.3	8.2	8.5	8.3	8.3	8.0
Non-Hispanic	7.7	7.7	8.0	8.3	8.5	8.4	8.6	8.5	8.5	8.2
Hispanic	6.5	6.3	5.9	6.3	6.6	6.7	7.2	6.8	6.8	6.4

Notes: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Very Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 2001-2010



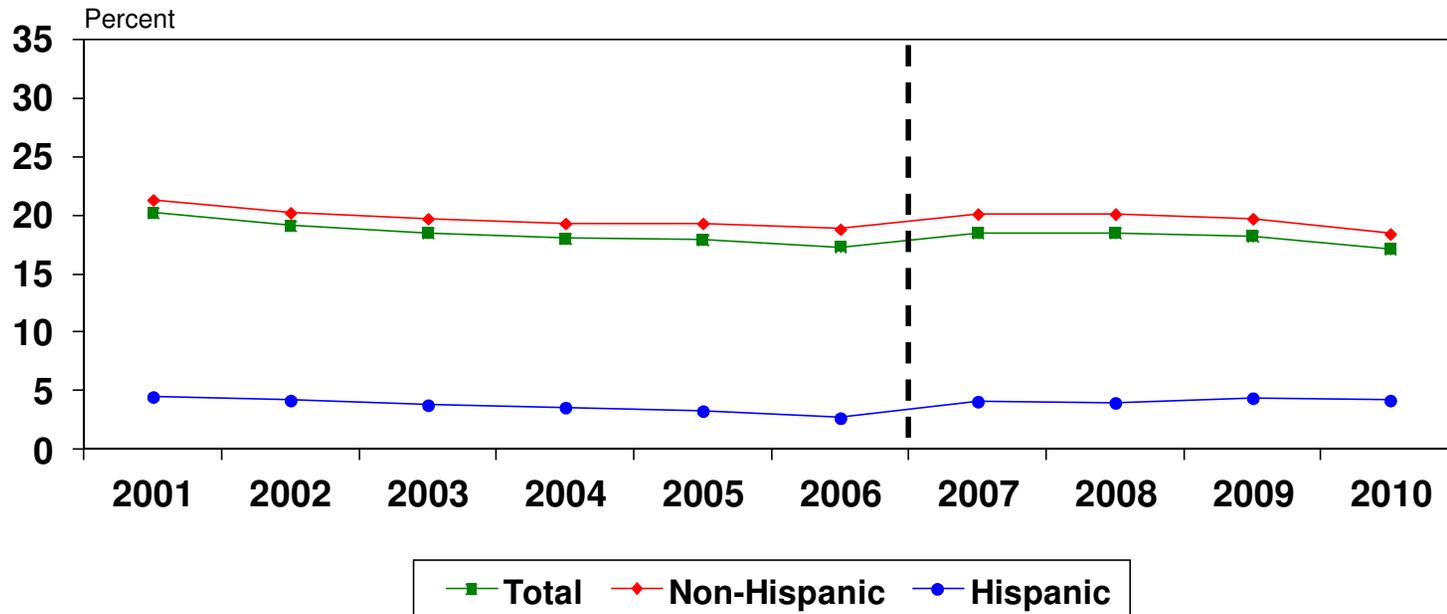
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.5	1.4
Non-Hispanic	1.4	1.4	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4
Hispanic	1.4	1.2	0.9	1.3	1.3	1.1	1.3	1.3	1.5	1.3

Notes: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Births to Mothers Who Smoked During Pregnancy* by Ethnicity Indiana Residents, 2001-2010



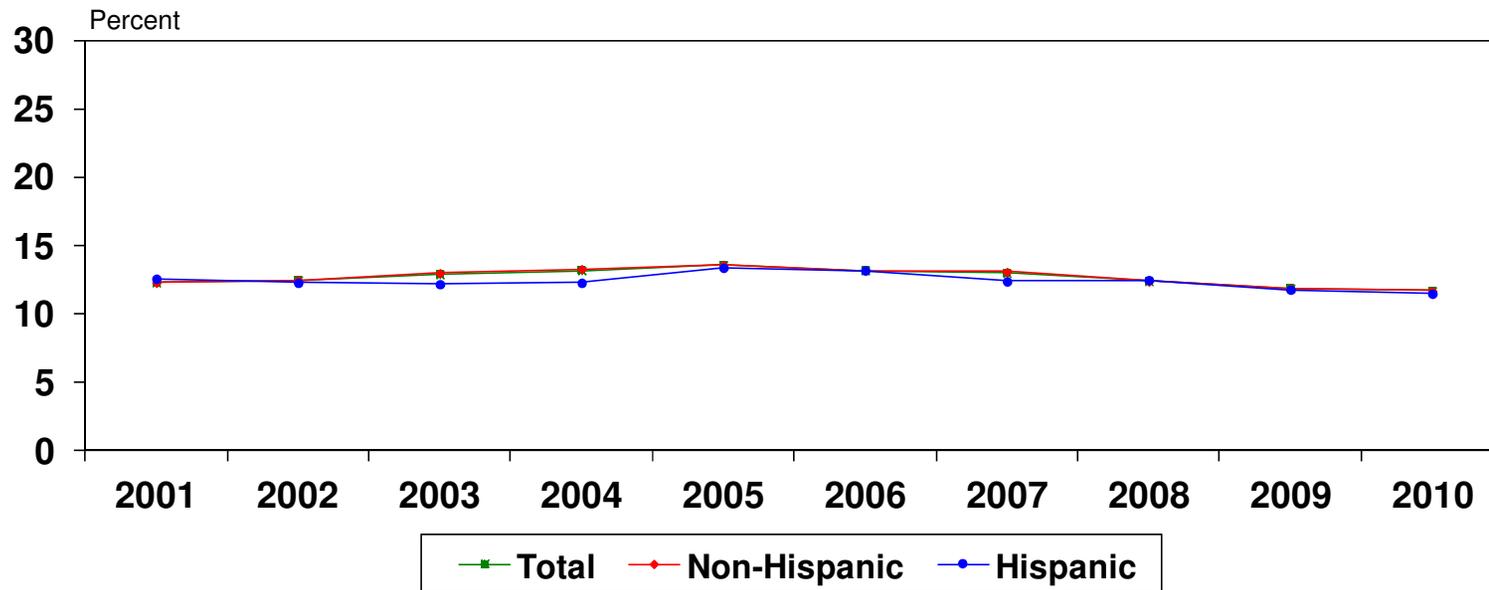
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	20.2	19.1	18.5	18.0	17.9	17.3	18.5	18.5	18.2	17.1
Non-Hispanic	21.3	20.2	19.7	19.3	19.3	18.8	20.1	20.1	19.7	18.4
Hispanic	4.5	4.2	3.8	3.6	3.3	2.7	4.1	4.0	4.4	4.2

*Because of birth certificate revisions in 2007, tobacco data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Percent of Preterm Births** by Ethnicity of Mother Indiana Residents, 2001-2010



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	12.3	12.5	12.9	13.2	13.6	13.2	13.0	12.4	11.9	11.7
Non-Hispanic	12.3	12.5	13.0	13.3	13.6	13.2	13.1	12.4	11.9	11.7
Hispanic	12.6	12.3	12.2	12.3	13.4	13.2	12.4	12.5	11.8	11.5

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2010 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

**Live Births by County of Residence
Indiana Residents, 2001-2010
Total Population**

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2001-2010 Avg.
INDIANA	86,122	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	83,867	86,935
Adams	581	615	641	607	641	654	667	673	643	661	638
Allen	5,371	5,161	5,211	5,329	5,295	5,492	5,448	5,506	5,463	5,312	5,359
Bartholomew	999	960	1,004	1,047	1,081	1,096	1,086	1,095	1,023	1,013	1,040
Benton	107	115	118	135	118	110	104	119	92	96	111
Blackford	179	154	163	151	141	148	156	148	142	151	153
Boone	624	645	699	652	694	676	708	741	706	660	681
Brown	158	145	157	115	90	97	137	137	139	100	128
Carroll	216	241	237	250	207	214	230	227	219	214	226
Cass	574	542	548	570	572	567	545	539	517	494	547
Clark	1,311	1,273	1,315	1,315	1,393	1,513	1,450	1,479	1,525	1,407	1,398
Clay	349	373	358	337	325	368	291	330	294	328	335
Clinton	521	503	510	494	510	524	534	518	487	444	505
Crawford	135	130	135	140	104	135	124	122	121	106	125
Daviess	470	475	502	483	508	536	547	536	512	501	507
Dearborn	527	532	629	641	653	587	602	641	372	521	571
Decatur	379	376	387	362	355	365	318	361	315	305	352
DeKalb	616	591	566	554	585	545	571	522	565	534	565
Delaware	1,371	1,300	1,339	1,310	1,305	1,229	1,340	1,268	1,307	1,245	1,301
Dubois	515	565	501	550	563	575	539	543	533	515	540
Elkhart	3,125	3,005	3,194	3,252	3,478	3,562	3,557	3,430	3,163	3,006	3,277
Fayette	302	309	332	304	309	300	304	281	278	262	298
Floyd	852	848	826	870	916	840	878	918	853	912	871
Fountain	238	211	217	213	195	200	209	223	217	190	211
Franklin	232	254	264	328	287	293	310	254	137	245	260
Fulton	252	234	263	245	268	249	267	285	279	261	260
Gibson	419	387	430	416	421	431	452	377	404	396	413
Grant	822	869	799	803	775	877	866	816	840	778	825
Greene	394	425	420	393	380	392	401	369	376	353	390
Hamilton	3,242	3,457	3,637	3,649	3,693	3,713	3,926	3,910	3,861	3,787	3,688
Hancock	725	741	844	824	888	901	897	848	810	757	824

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

**Live Births by County of Residence
Indiana Residents, 2001-2010
Total Population**

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2001-2010 Avg.
INDIANA	86,122	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	83,867	86,935
Harrison	457	436	438	435	459	447	473	481	436	400	446
Hendricks	1,541	1,459	1,505	1,552	1,620	1,686	1,859	1,844	1,787	1,728	1,658
Henry	590	558	559	540	567	486	506	541	544	463	535
Howard	1,218	1,119	1,217	1,143	1,089	1,115	1,131	1,122	994	1,000	1,115
Huntington	438	488	461	499	451	481	488	453	423	417	460
Jackson	638	629	591	589	622	572	584	583	551	564	592
Jasper	353	405	431	396	465	470	430	387	397	405	414
Jay	305	282	332	287	303	306	320	285	307	296	302
Jefferson	383	332	365	382	363	369	383	381	391	353	370
Jennings	400	389	359	415	403	391	371	374	370	337	381
Johnson	1,649	1,622	1,705	1,765	1,676	1,838	1,913	1,913	1,861	1,776	1,772
Knox	453	393	474	462	471	514	497	481	424	459	463
Kosciusko	1,133	1,032	1,059	1,087	1,067	1,167	1,099	1,154	1,000	977	1,078
LaGrange	697	717	720	703	756	714	783	787	714	791	738
Lake	6,936	6,824	6,926	6,975	6,872	6,937	6,759	6,663	6,724	6,488	6,810
LaPorte	1,401	1,360	1,309	1,325	1,364	1,371	1,438	1,411	1,380	1,309	1,367
Lawrence	565	560	547	537	537	534	507	522	513	485	531
Madison	1,710	1,603	1,596	1,636	1,650	1,594	1,674	1,598	1,631	1,612	1,630
Marion	14,373	14,540	14,701	14,868	14,653	15,545	15,401	15,333	15,346	14,583	14,934
Marshall	720	639	701	655	679	662	667	621	619	575	654
Martin	125	145	119	114	140	126	140	146	123	116	129
Miami	479	433	451	438	480	449	433	416	406	390	438
Monroe	1,280	1,239	1,229	1,273	1,309	1,298	1,388	1,298	1,281	1,318	1,291
Montgomery	505	456	466	486	475	448	493	453	508	445	474
Morgan	847	927	873	873	851	871	877	863	807	772	856
Newton	163	156	155	141	133	138	138	162	137	140	146
Noble	717	669	678	739	682	766	703	703	642	595	689
Ohio	69	61	62	64	55	71	60	57	53	56	61
Orange	274	245	239	237	251	246	264	224	237	216	243
Owen	262	246	232	262	247	237	249	259	236	249	248
Parke	164	171	205	157	188	194	204	187	188	192	185

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Live Births by County of Residence
Indiana Residents, 2001-2010
Total Population

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2001-2010 Avg.
INDIANA	86,122	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	83,867	86,935
Perry	223	201	233	217	219	236	223	209	221	214	220
Pike	157	141	135	167	159	158	152	138	145	149	150
Porter	1,846	1,797	1,873	1,827	1,793	1,836	1,886	1,868	1,772	1,728	1,823
Posey	269	269	242	292	227	252	250	284	283	272	264
Pulaski	144	159	164	172	159	177	160	161	166	149	161
Putnam	405	406	404	407	408	368	418	405	383	353	396
Randolph	337	305	321	318	298	295	338	324	291	312	314
Ripley	381	374	396	387	406	389	369	384	352	374	381
Rush	259	258	217	196	214	226	223	197	164	176	213
St. Joseph	3,856	3,750	3,706	3,843	3,827	4,013	3,762	3,832	3,565	3,500	3,765
Scott	303	318	293	288	310	352	346	327	283	278	310
Shelby	597	547	537	582	505	539	572	538	503	532	545
Spencer	259	212	232	235	233	237	247	245	214	218	233
Starke	325	305	280	288	279	298	317	307	280	277	296
Steuben	464	421	419	412	440	396	411	387	359	354	406
Sullivan	265	258	266	214	216	235	216	235	214	239	236
Switzerland	102	102	126	110	102	128	135	133	136	132	121
Tippecanoe	1,917	1,941	2,012	2,073	2,081	2,205	2,324	2,320	2,230	2,149	2,125
Tipton	188	219	200	215	177	175	173	160	126	158	179
Union	66	77	74	101	94	92	82	87	35	84	79
Vanderburgh	2,292	2,298	2,356	2,351	2,451	2,520	2,468	2,326	2,349	2,346	2,376
Vermillion	191	205	200	207	200	171	175	154	194	172	187
Vigo	1,275	1,283	1,297	1,309	1,280	1,375	1,338	1,321	1,255	1,308	1,304
Wabash	391	418	373	378	383	393	377	390	354	354	381
Warren	94	101	94	84	83	94	78	99	88	91	91
Warrick	676	616	641	703	631	677	685	701	676	715	672
Washington	363	344	350	360	328	345	328	318	319	305	336
Wayne	894	837	857	943	910	920	886	882	875	823	883
Wells	321	322	381	353	306	387	305	359	331	338	340
White	386	355	325	323	330	322	330	280	328	297	328
Whitley	425	429	427	396	411	361	449	390	412	409	411

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates, Total Population, Indiana Residents, 2001-2010

(Counties with 20 or more infant deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GRANT	10.2	33	VIGO	6.9
1	ADAMS	10.2	33	MORGAN	6.9
3	FULTON	10.0	35	JENNINGS	6.8
4	CASS	9.9	35	JEFFERSON	6.8
5	DELAWARE	9.7	37	CLINTON	6.7
6	SPENCER	9.4	37	FAYETTE	6.7
7	MARION	9.3	37	RANDOLPH	6.7
7	LAKE	9.3	37	DUBOIS	6.7
9	LAPORTE	9.2	37	DEARBORN	6.7
10	GREENE	9.0	42	PORTER	6.6
11	SULLIVAN	8.9	42	JACKSON	6.6
12	LAWRENCE	8.7	44	BOONE	6.5
13	ST. JOSEPH	8.5	44	SCOTT	6.5
14	HENRY	8.4	46	DEKALB	6.4
15	JAY	8.3	47	PUTNAM	6.3
16	WHITE	8.2	47	HANCOCK	6.3
16	VANDEBURGH	8.2	47	HOWARD	6.3
16	WAYNE	8.2	47	CLAY	6.3
19	ALLEN	8.1	51	KOSCIUSKO	6.2
20	KNOX	8.0	51	JOHNSON	6.2
21	DAVISS	7.9	53	JASPER	6.0
22	NOBLE	7.8	53	MONROE	6.0
22	MADISON	7.8	53	DECATUR	6.0
22	STARKE	7.8	56	HENDRICKS	5.7
25	WABASH	7.6	56	WARRICK	5.7
26	SHELBY	7.5	58	RIPLEY	5.5
27	BARTHOLOMEW	7.4	59	STEUBEN	5.4
28	MIAMI	7.3	60	HAMILTON	5.3
28	TIPPECANOE	7.3	61	MARSHALL	5.2
28	ELKHART	7.3	62	WHITLEY	5.1
31	MONTGOMERY	7.2	63	HARRISON	4.9
31	LAGRANGE	7.2	64	CLARK	4.6
			65	FLOYD	4.5
				INDIANA	7.6

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates, White Indiana Residents, 2001-2010

(Counties with 20 or more infant deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	FULTON	10.3	31	PORTER	6.6
2	ADAMS	10.1	31	SCOTT	6.6
3	GRANT	9.2	35	MARION	6.5
3	CASS	9.2	35	BARTHOLOMEW	6.5
5	GREENE	9.1	35	DUBOIS	6.5
6	SPENCER	8.7	38	BOONE	6.4
7	LAWRENCE	8.6	38	MONROE	6.4
7	SULLIVAN	8.6	40	CLAY	6.3
7	HENRY	8.6	40	KOSCIUSKO	6.3
10	JAY	8.4	42	PUTNAM	6.2
11	NOBLE	8.0	43	JASPER	6.1
12	DAVISS	7.9	43	VIGO	6.1
13	STARKE	7.8	43	JOHNSON	6.1
13	WHITE	7.8	43	ELKHART	6.1
15	MIAMI	7.5	47	CLINTON	6.0
15	TIPPECANOE	7.5	48	DEKALB	5.9
15	KNOX	7.5	48	ALLEN	5.9
18	DELAWARE	7.4	48	ST. JOSEPH	5.9
19	WABASH	7.2	51	JACKSON	5.8
19	VANDEBURGH	7.2	51	HANCOCK	5.8
19	WAYNE	7.2	51	DECATUR	5.8
19	MONTGOMERY	7.2	54	HOWARD	5.7
23	SHELBY	7.1	55	STEUBEN	5.5
23	LAPORTE	7.1	56	HENDRICKS	5.4
25	MORGAN	7.0	57	RIPLEY	5.3
26	LAGRANGE	6.9	58	WHITLEY	5.2
26	JEFFERSON	6.9	59	HARRISON	5.0
28	RANDOLPH	6.8	60	HAMILTON	4.9
28	LAKE	6.8	61	MARSHALL	4.7
30	MADISON	6.7	62	WARRICK	4.6
31	JENNINGS	6.6	63	CLARK	4.4
31	DEARBORN	6.6	64	FLOYD	4.1
				INDIANA	6.4

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates, Black Indiana Residents, 2001-2010

(Counties with 20 or more infant deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DELAWARE	27.4
2	ELKHART	19.7
3	ALLEN	19.4
4	ST. JOSEPH	19.0
5	MADISON	18.4
6	LAPORTE	18.2
7	MARION	15.3
8	VANDEBURGH	14.9
9	LAKE	14.4
	INDIANA	15.9

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates, Non-Hispanic Indiana Residents, 2001-2010

(Counties with 20 or more infant deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	CASS	10.5	31	MONTGOMERY	6.8
2	ADAMS	10.2	31	FAYETTE	6.8
3	GRANT	10.0	35	JEFFERSON	6.7
4	FULTON	9.7	36	LAGRANGE	6.6
4	MARION	9.7	36	TIPPECANOE	6.6
6	LAKE	9.5	36	DEKALB	6.6
6	DELAWARE	9.5	36	BOONE	6.6
6	LAPORTE	9.5	36	SCOTT	6.6
9	GREENE	9.1	36	DEARBORN	6.6
10	SULLIVAN	9.0	42	SHELBY	6.5
11	SPENCER	8.9	42	PORTER	6.5
11	ST. JOSEPH	8.9	44	JENNINGS	6.4
13	LAWRENCE	8.6	44	HANCOCK	6.4
14	ALLEN	8.4	44	PUTNAM	6.4
15	JAY	8.3	47	JASPER	6.3
15	DAVISS	8.3	48	JOHNSON	6.1
15	WAYNE	8.3	48	DECATUR	6.1
18	VANDERBURGH	8.2	48	HOWARD	6.1
19	STEBEN	8.1	51	DUBOIS	6.0
20	STARKE	8.0	51	CLAY	6.0
20	HENRY	8.0	53	MONROE	5.8
22	CLINTON	7.9	54	KOSCIUSKO	5.7
22	KNOX	7.9	55	WARRICK	5.6
24	MADISON	7.8	55	HENDRICKS	5.6
25	ELKHART	7.5	57	JACKSON	5.5
25	WHITE	7.5	58	RIPLEY	5.4
27	NOBLE	7.4	59	HAMILTON	5.3
28	WABASH	7.3	60	HARRISON	5.0
29	MIAMI	7.2	61	WHITLEY	4.9
30	BARTHOLOMEW	7.1	62	CLARK	4.8
31	MORGAN	6.8	63	MARSHALL	4.4
31	VIGO	6.8	63	FLOYD	4.4
				INDIANA	7.6

*Rate per 1,000 live births.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Infant Mortality Rates, Hispanic Indiana Residents, 2001-2010

(Counties with 20 or more infant deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	11.7
2	LAKE	7.5
3	MARION	7.4
4	ELKHART	6.6
5	ST. JOSEPH	5.3
6	ALLEN	4.7
	INDIANA	7.4

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates, Total Population, Indiana Residents, 2001-2010

(Counties with 20 or more neonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	ADAMS	7.7	22	BOONE	4.8
2	GREENE	7.2	22	KNOX	4.8
3	MARION	6.4	24	MADISON	4.6
4	DELAWARE	6.3	25	NOBLE	4.5
5	WHITE	6.1	26	DAVISS	4.3
5	GRANT	6.1	26	MONROE	4.3
7	LAKE	5.9	26	ELKHART	4.3
7	CASS	5.9	26	WARRICK	4.3
9	HENRY	5.8	26	DUBOIS	4.3
10	SHELBY	5.7	31	HENDRICKS	4.2
11	LAPORTE	5.6	32	HANCOCK	4.1
11	ST. JOSEPH	5.6	32	JOHNSON	4.1
13	LAWRENCE	5.5	34	KOSCIUSKO	4.0
14	MORGAN	5.3	34	CLINTON	4.0
15	ALLEN	5.2	36	HAMILTON	3.9
16	LAGRANGE	5.0	37	VIGO	3.8
16	BARTHOLOMEW	5.0	38	PORTER	3.7
16	TIPPECANOE	5.0	38	MARSHALL	3.7
16	VANDEBURGH	5.0	40	JACKSON	3.5
20	DEARBORN	4.9	41	HOWARD	3.4
20	WAYNE	4.9	42	CLARK	2.6
				INDIANA	4.9

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates, White Indiana Residents, 2001-2010

(Counties with 20 or more neonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	ADAMS	7.6	19	BARTHOLOMEW	4.4
2	GREENE	7.3	22	DAVISS	4.3
3	WHITE	6.2	23	MADISON	4.2
4	HENRY	5.9	24	WAYNE	4.1
5	LAWRENCE	5.6	24	HENDRICKS	4.1
6	SHELBY	5.5	24	ST. JOSEPH	4.1
7	CASS	5.4	24	KOSCIUSKO	4.1
8	MORGAN	5.3	28	LAPORTE	4.0
8	GRANT	5.3	28	DUBOIS	4.0
10	TIPPECANOE	5.2	28	JOHNSON	4.0
11	LAGRANGE	5.0	31	ELKHART	3.9
12	DEARBORN	4.8	32	ALLEN	3.8
13	BOONE	4.7	32	HANCOCK	3.8
13	NOBLE	4.7	34	PORTER	3.6
15	MONROE	4.6	35	MARSHALL	3.5
15	DELAWARE	4.6	36	WARRICK	3.4
15	LAKE	4.6	36	HAMILTON	3.4
18	VANDEBURGH	4.5	38	HOWARD	3.3
19	MARION	4.4	38	VIGO	3.3
19	KNOX	4.4	40	CLARK	2.4
				INDIANA	4.2

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates, Black Indiana Residents, 2001-2010

(Counties with 20 or more neonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DELAWARE	20.4
2	ALLEN	12.6
3	LAPORTE	11.8
4	ST. JOSEPH	11.7
5	MARION	10.4
6	LAKE	8.9
7	VANDERBURGH	7.8
	INDIANA	10.2

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates, Non-Hispanic Indiana Residents, 2001-2010

(Counties with 20 or more neonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	ADAMS	7.6	20	MADISON	4.6
2	GREENE	7.3	20	TIPPECANOE	4.6
3	MARION	6.6	20	KNOX	4.6
4	DELAWARE	6.1	23	BARTHOLOMEW	4.5
5	LAKE	6.0	23	DAVIESS	4.5
5	CASS	6.0	25	WARRICK	4.4
7	ST. JOSEPH	5.9	26	ELKHART	4.3
8	LAPORTE	5.8	27	NOBLE	4.2
9	GRANT	5.6	27	HANCOCK	4.2
10	LAWRENCE	5.5	27	KOSCIUSKO	4.2
11	ALLEN	5.4	27	MONROE	4.2
12	MORGAN	5.3	31	HENDRICKS	4.1
12	HENRY	5.3	32	JOHNSON	4.0
14	SHELBY	5.1	33	VIGO	3.9
15	BOONE	5.0	34	HAMILTON	3.8
16	VANDERBURGH	4.9	35	PORTER	3.6
17	WAYNE	4.8	36	HOWARD	3.4
17	LAGRANGE	4.8	37	CLARK	2.6
17	DEARBORN	4.8			
				INDIANA	4.9

*Rate per 1,000 live births.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Neonatal Mortality Rates, Hispanic Indiana Residents, 2001-2010

(Counties with 20 or more neonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	7.4
2	MARION	5.3
3	LAKE	5.1
4	ELKHART	4.4
	INDIANA	5.1

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates, Total Population, Indiana Residents, 2001-2010
 (Counties with 20 or more postneonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GRANT	4.1
2	CASS	4.0
3	LAPORTE	3.6
4	DELAWARE	3.4
4	LAKE	3.4
6	NOBLE	3.3
6	WAYNE	3.3
8	VANDEBURGH	3.2
8	MADISON	3.2
10	VIGO	3.1
11	ELKHART	3.0
12	MARION	2.9
12	PORTER	2.9
12	ST. JOSEPH	2.9
12	HOWARD	2.9
12	ALLEN	2.9
17	FLOYD	2.4
17	BARTHOLOMEW	2.4
19	TIPPECANOE	2.3
20	KOSCIUSKO	2.2
21	JOHNSON	2.1
22	CLARK	2.0
23	MONROE	1.6
24	HENDRICKS	1.5
25	HAMILTON	1.4
	INDIANA	2.7

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates, White Indiana Residents, 2001-2010

(Counties with 20 or more postneonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GRANT	3.9
2	CASS	3.8
3	NOBLE	3.3
4	WAYNE	3.1
5	LAPORTE	3.0
6	PORTER	2.9
7	VIGO	2.8
7	DELAWARE	2.8
9	VANDEBURGH	2.7
10	MADISON	2.5
11	HOWARD	2.4
12	TIPPECANOE	2.3
13	KOSCIUSKO	2.2
13	LAKE	2.2
13	BARTHOLOMEW	2.2
13	ELKHART	2.2
17	ALLEN	2.1
17	JOHNSON	2.1
17	MARION	2.1
20	CLARK	2.0
21	ST. JOSEPH	1.8
22	MONROE	1.7
23	HAMILTON	1.5
24	HENDRICKS	1.3
	INDIANA	2.3

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates, Black Indiana Residents, 2001-2010

(Counties with 20 or more postneonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	ELKHART	11.2
2	ST. JOSEPH	7.4
3	VANDEBURGH	7.1
4	ALLEN	6.8
5	LAKE	5.5
6	MARION	4.9
	INDIANA	5.6

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates, Non-Hispanic Indiana Residents, 2001-2010

(Counties with 20 or more postneonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GRANT	4.3
2	LAPORTE	3.7
3	LAKE	3.5
3	WAYNE	3.5
5	DELAWARE	3.4
6	MADISON	3.2
6	VANDEBURGH	3.2
6	ELKHART	3.2
9	MARION	3.1
10	ST. JOSEPH	3.0
10	ALLEN	3.0
10	VIGO	3.0
13	PORTER	2.9
14	HOWARD	2.7
15	BARTHOLOMEW	2.5
15	FLOYD	2.5
17	CLARK	2.2
18	JOHNSON	2.1
19	TIPPECANOE	2.0
20	MONROE	1.7
21	HENDRICKS	1.5
21	HAMILTON	1.5
	INDIANA	2.7

*Rate per 1,000 live births.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Postneonatal Mortality Rates, Hispanic Indiana Residents, 2001-2010

(Counties with 20 or more postneonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	LAKE	2.4
2	MARION	2.1
	INDIANA	2.3

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Prenatal Care Began in First Trimester, Total Population, Indiana Residents, 2001-2010

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	42.9	47	JASPER	78.8
2	ADAMS	59.6	48	GREENE	78.9
3	ELKHART	60.3	48	CRAWFORD	78.9
4	CLINTON	67.5	48	BROWN	78.9
4	DAVISS	67.5	48	UNION	78.9
6	GRANT	69.5	48	BENTON	78.9
7	MARION	70.0	53	PULASKI	79.0
7	PARKE	70.0	54	WABASH	79.2
9	LAPORTE	70.7	54	VIGO	79.2
9	SCOTT	70.7	56	PUTNAM	79.3
11	FOUNTAIN	71.1	57	PERRY	79.4
12	NOBLE	71.3	58	SULLIVAN	79.5
12	JAY	71.3	59	BLACKFORD	79.6
14	ST. JOSEPH	71.6	59	CLAY	79.6
15	CASS	72.0	61	RUSH	79.8
16	KOSCIUSKO	73.3	61	PORTER	79.8
16	WASHINGTON	73.3	63	TIPTON	79.9
18	LAKE	73.6	63	MIAMI	79.9
18	DECATUR	73.6	65	LAWRENCE	80.6
20	BARTHOLOMEW	74.0	66	RIPLEY	80.7
21	MONTGOMERY	74.2	67	VANDERBURGH	81.0
22	CLARK	74.3	67	MONROE	81.0
23	TIPPECANOE	75.0	69	MARTIN	81.1
24	FULTON	75.1	70	FRANKLIN	81.3
25	SWITZERLAND	75.3	70	WHITLEY	81.3
26	JENNINGS	75.5	72	FAYETTE	81.4
27	MARSHALL	75.8	73	WELLS	81.8
28	HOWARD	76.2	73	JOHNSON	81.8
29	WAYNE	76.4	75	RANDOLPH	82.2
29	STEUBEN	76.4	76	HARRISON	82.3
29	CARROLL	76.4	77	SPENCER	82.5
29	VERMILLION	76.4	78	HUNTINGTON	83.2
33	MADISON	76.5	79	KNOX	83.7
34	FLOYD	76.6	80	OHIO	84.0
35	WHITE	76.7	81	DELAWARE	84.4
35	NEWTON	76.7	82	HENDRICKS	84.6
37	ALLEN	76.8	83	GIBSON	84.8
38	OWEN	77.0	84	PIKE	85.0
38	JACKSON	77.0	85	DUBOIS	85.1
40	DEKALB	77.6	85	WARRICK	85.1
40	WARREN	77.6	87	BOONE	85.2
42	MORGAN	78.0	88	POSEY	85.3
43	JEFFERSON	78.4	88	HENRY	85.3
43	ORANGE	78.4	90	HANCOCK	86.4
45	SHELBY	78.5	91	HAMILTON	86.6
46	STARKE	78.7	92	DEARBORN	86.7
				INDIANA	75.4

*The values are percentages of live births and do not include the unknowns.

Note: The preterm data for 2007 and later are not comparable with the data prior to 2007, but this table has ten years of data combined.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Prenatal Care Began in First Trimester, White Indiana Residents, 2001-2010

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	42.8	45	STARKE	78.8
2	ADAMS	59.6	48	PULASKI	79.0
3	ELKHART	61.3	48	CRAWFORD	79.0
4	CLINTON	67.7	50	GREENE	79.1
5	DAVISS	68.1	51	WABASH	79.2
6	PARKE	69.9	52	UNION	79.3
7	SCOTT	71.0	52	BENTON	79.3
8	FOUNTAIN	71.3	54	PUTNAM	79.4
9	JAY	71.4	55	BLACKFORD	79.6
10	GRANT	71.5	55	SULLIVAN	79.6
11	NOBLE	71.9	57	PERRY	79.7
12	CASS	72.4	58	CLAY	79.8
13	LAPORTE	72.8	59	VIGO	79.9
14	MARION	73.3	59	ALLEN	79.9
15	WASHINGTON	73.5	61	RUSH	80.0
16	DECATUR	73.8	62	TIPTON	80.1
17	KOSCIUSKO	74.0	63	PORTER	80.2
18	BARTHOLOMEW	74.5	63	MIAMI	80.2
19	MONTGOMERY	74.8	65	RIPLEY	80.8
20	ST. JOSEPH	75.1	65	LAWRENCE	80.8
21	SWITZERLAND	75.3	67	MARTIN	81.2
21	FULTON	75.3	68	FRANKLIN	81.4
23	CLARK	75.4	69	WHITLEY	81.5
24	JENNINGS	75.6	70	FAYETTE	81.7
25	MARSHALL	76.2	71	MONROE	82.0
26	STEUBEN	76.5	71	WELLS	82.0
26	CARROLL	76.5	73	JOHNSON	82.2
28	VERMILLION	76.6	74	HARRISON	82.4
28	TIPPECANOE	76.6	75	RANDOLPH	82.6
30	NEWTON	76.9	75	SPENCER	82.6
31	WHITE	77.1	77	VANDEBURGH	83.1
32	OWEN	77.2	78	HUNTINGTON	83.3
33	HOWARD	77.3	79	KNOX	83.8
33	WARREN	77.3	80	OHIO	84.4
35	JACKSON	77.5	81	GIBSON	85.1
36	DEKALB	77.7	81	PIKE	85.1
36	WAYNE	77.7	83	HENDRICKS	85.2
38	MADISON	77.8	84	BOONE	85.4
39	MORGAN	78.1	84	HENRY	85.4
40	FLOYD	78.4	86	DELAWARE	85.5
40	SHELBY	78.4	86	WARRICK	85.5
40	LAKE	78.4	88	POSEY	85.7
43	ORANGE	78.7	89	DUBOIS	85.8
43	JEFFERSON	78.7	90	HANCOCK	86.7
45	JASPER	78.8	91	DEARBORN	86.8
45	BROWN	78.8	92	HAMILTON	87.2
				INDIANA	77.3

*The values are percentages of live births and do not include the unknowns.

Note: The preterm data for 2007 and later are not comparable with the data prior to 2007, but this table has ten years of data combined.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Prenatal Care Began in First Trimester, Black Indiana Residents, 2001-2010

(Counties with 20 or more mothers who received prenatal care in the first trimester for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	ELKHART	46.3
2	CASS	50.0
3	GRANT	52.7
4	TIPPECANOE	54.4
5	MONTGOMERY	54.9
6	ST. JOSEPH	56.6
7	LAPORTE	58.3
8	FLOYD	60.3
9	KOSCIUSKO	60.5
10	BARTHOLOMEW	60.6
11	ALLEN	62.2
12	MARION	62.4
13	CLARK	62.8
14	HOWARD	64.2
14	LAKE	64.2
16	MIAMI	65.2
17	MADISON	65.3
18	WAYNE	67.7
19	VANDEBURGH	68.0
20	MONROE	68.2
21	VIGO	68.5
22	KNOX	68.8
23	JEFFERSON	68.9
24	JOHNSON	70.1
25	GIBSON	70.2
26	BOONE	70.4
27	DEKALB	71.4
28	PORTER	71.5
29	POSEY	71.9
30	WARRICK	72.6
31	HENDRICKS	73.3
32	DELAWARE	74.4
33	HAMILTON	75.6
34	PUTNAM	75.9
35	FAYETTE	76.5
36	HANCOCK	76.7
37	DEARBORN	82.8
38	SHELBY	84.2
39	HENRY	88.4
	INDIANA	62.6

*The values are percentages of live births and do not include the unknowns.

Note: The preterm data for 2007 and later are not comparable with the data prior to 2007, but this table has ten years of data combined.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Prenatal Care Began in First Trimester, Non-Hispanic Indiana Residents, 2001-2010

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	42.0	46	JACKSON	79.1
2	ADAMS	59.5	46	PULASKI	79.1
3	ELKHART	63.7	49	BENTON	79.2
4	DAVISS	67.9	50	CRAWFORD	79.3
5	PARKE	70.0	50	PUTNAM	79.3
6	GRANT	70.4	50	WABASH	79.3
7	SCOTT	70.9	53	VIGO	79.4
8	JAY	71.4	54	SULLIVAN	79.6
8	LAPORTE	71.4	54	PERRY	79.6
10	FOUNTAIN	71.6	56	CLAY	79.7
11	ST. JOSEPH	72.6	56	BLACKFORD	79.7
12	MARION	72.9	58	WHITE	80.0
13	WASHINGTON	73.5	58	RUSH	80.0
14	DECATUR	74.2	60	MIAMI	80.1
15	LAKE	74.5	61	PORTER	80.3
16	NOBLE	74.8	62	JASPER	80.4
16	KOSCIUSKO	74.8	63	SHELBY	80.7
18	SWITZERLAND	75.5	64	LAWRENCE	80.8
18	FULTON	75.5	65	TIPTON	81.1
20	JENNINGS	76.1	66	MARTIN	81.3
20	MONTGOMERY	76.1	66	FRANKLIN	81.3
22	BARTHOLOMEW	76.3	68	MONROE	81.5
23	CLARK	76.4	68	VANDERBURGH	81.5
24	VERMILLION	76.5	70	FAYETTE	81.6
25	CLINTON	76.6	70	WHITLEY	81.6
25	HOWARD	76.6	72	RIPLEY	81.7
27	CASS	76.8	73	WELLS	82.2
28	MARSHALL	76.9	74	HARRISON	82.4
29	OWEN	77.1	75	JOHNSON	82.8
29	ALLEN	77.1	76	RANDOLPH	83.2
31	WARREN	77.4	77	SPENCER	83.4
31	TIPPECANOE	77.4	78	HUNTINGTON	83.5
33	STEUBEN	77.5	79	KNOX	83.8
34	FLOYD	77.6	80	DELAWARE	84.4
35	CARROLL	77.7	81	OHIO	84.5
36	NEWTON	77.9	82	GIBSON	84.8
36	MADISON	77.9	83	PIKE	85.1
38	WAYNE	78.0	83	HENDRICKS	85.1
38	MORGAN	78.0	85	HENRY	85.4
40	DEKALB	78.1	85	WARRICK	85.4
41	ORANGE	78.7	87	BOONE	85.5
42	GREENE	78.9	88	POSEY	85.6
42	UNION	78.9	89	HANCOCK	86.6
44	STARKE	79.0	90	DEARBORN	86.7
44	JEFFERSON	79.0	91	DUBOIS	87.6
46	BROWN	79.1	92	HAMILTON	87.7
				INDIANA	77.0

*The values are percentages of live births and do not include the unknowns.

Notes: The preterm data for 2007 and later are not comparable with the data prior to 2007, but this table has ten years of data combined.

Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Prenatal Care Began in First Trimester, Hispanic Indiana Residents, 2001-2010

(Counties with 20 or more mothers who received prenatal care in the first trimester for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	CLINTON	39.9	37	ADAMS	61.7
2	TIPTON	41.1	38	JEFFERSON	61.9
3	RIPLEY	43.3	39	SCOTT	62.7
4	DECATUR	43.5	40	ST. JOSEPH	62.8
5	CLARK	46.7	41	DAVISS	63.1
6	MADISON	46.9	42	VANDEBURGH	63.2
7	FLOYD	48.0	43	WELLS	63.6
8	MONTGOMERY	48.5	44	HUNTINGTON	63.8
9	ELKHART	48.8	45	DUBOIS	64.8
10	STEUBEN	50.8	46	STARKE	65.7
11	BARTHOLOMEW	50.9	47	MONROE	66.1
12	SHELBY	51.3	48	FULTON	66.7
13	WAYNE	51.8	49	HENDRICKS	67.0
14	MARION	52.4	50	WARRICK	67.9
15	FOUNTAIN	52.5	51	MARSHALL	68.8
16	JENNINGS	53.5	52	LAKE	69.5
17	GRANT	53.8	53	JAY	70.4
18	NOBLE	54.0	54	LAWRENCE	71.4
19	WHITE	55.9	55	GREENE	71.8
20	CARROLL	56.2	56	MIAMI	72.3
21	CASS	56.5	57	WABASH	72.5
22	HAMILTON	56.8	58	PORTER	72.6
23	HOWARD	58.2	59	KNOX	72.9
24	JOHNSON	58.4	60	BOONE	73.5
24	JASPER	58.4	61	MORGAN	73.6
26	TIPPECANOE	58.8	61	ALLEN	73.6
27	NEWTON	59.1	61	HANCOCK	73.6
28	JACKSON	59.2	64	PULASKI	73.8
29	DEKALB	59.7	65	BENTON	74.2
30	KOSCIUSKO	60.5	66	PUTNAM	78.0
31	RANDOLPH	60.8	67	HARRISON	79.4
32	WHITLEY	61.1	68	DELAWARE	80.0
33	SPENCER	61.3	69	HENRY	80.5
33	LAPORTE	61.3	70	DEARBORN	81.8
35	VIGO	61.4	71	GIBSON	91.1
35	LAGRANGE	61.4			
				INDIANA	58.8

*The values are percentages of live births and do not include the unknowns.

Notes: The preterm data for 2007 and later are not comparable with the data prior to 2007, but this table has ten years of data combined.

Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Low Birthweight*, Total Population, Indiana Residents, 2001-2010

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAKE	9.6	43	BARTHOLOMEW	7.6
2	PIKE	9.5	43	CLINTON	7.6
3	GRANT	9.3	49	FULTON	7.5
4	MARION	9.2	49	FRANKLIN	7.5
4	VANDEBURGH	9.2	49	VIGO	7.5
4	SCOTT	9.2	49	JACKSON	7.5
7	DELAWARE	9.1	49	NOBLE	7.5
8	LAPORTE	9.0	54	OWEN	7.4
8	PERRY	9.0	54	FOUNTAIN	7.4
10	SULLIVAN	8.9	54	NEWTON	7.4
11	ALLEN	8.8	57	JENNINGS	7.3
12	MADISON	8.7	57	DEARBORN	7.3
12	RUSH	8.7	59	STARKE	7.2
14	RANDOLPH	8.6	59	JEFFERSON	7.2
14	FAYETTE	8.6	59	OHIO	7.2
16	WABASH	8.5	59	PUTNAM	7.2
17	CRAWFORD	8.3	59	DAVISS	7.2
17	ORANGE	8.3	59	POSEY	7.2
19	BLACKFORD	8.2	59	DECATUR	7.2
19	MARTIN	8.2	66	HANCOCK	7.1
19	GREENE	8.2	66	RIPLEY	7.1
19	JAY	8.2	68	MONROE	7.0
23	ST. JOSEPH	8.1	68	ELKHART	7.0
23	LAWRENCE	8.1	68	PULASKI	7.0
23	MORGAN	8.1	71	KOSCIUSKO	6.9
23	TIPTON	8.1	71	SWITZERLAND	6.9
27	MONTGOMERY	8.0	71	HAMILTON	6.9
27	KNOX	8.0	74	DUBOIS	6.8
27	FLOYD	8.0	74	TIPPECANOE	6.8
30	HENRY	7.9	74	PORTER	6.8
30	WARRICK	7.9	74	WASHINGTON	6.8
30	HUNTINGTON	7.9	78	JOHNSON	6.7
30	CLARK	7.9	78	CARROLL	6.7
30	HOWARD	7.9	78	BROWN	6.7
30	WAYNE	7.9	81	HENDRICKS	6.6
30	VERMILLION	7.9	81	JASPER	6.6
37	GIBSON	7.8	81	ADAMS	6.6
37	WHITLEY	7.8	81	CLAY	6.6
39	STEBEN	7.7	85	MARSHALL	6.5
39	MIAMI	7.7	85	BOONE	6.5
39	PARKE	7.7	87	WHITE	6.4
39	HARRISON	7.7	88	DEKALB	6.3
43	SHELBY	7.6	89	BENTON	5.7
43	WELLS	7.6	90	WARREN	5.5
43	CASS	7.6	91	LAGRANGE	5.4
43	SPENCER	7.6	92	UNION	5.1
				INDIANA	8.1

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Low Birthweight*, White Indiana Residents, 2001-2010

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	9.6	44	FULTON	7.5
2	SCOTT	9.1	44	FLOYD	7.5
3	PERRY	9.0	44	BARTHOLOMEW	7.5
4	GRANT	8.9	50	NEWTON	7.4
5	SULLIVAN	8.7	50	HOWARD	7.4
5	RANDOLPH	8.7	50	OWEN	7.4
5	RUSH	8.7	53	FOUNTAIN	7.3
5	FAYETTE	8.7	53	OHIO	7.3
9	VANDERBURGH	8.5	53	JENNINGS	7.3
10	WABASH	8.4	53	VIGO	7.3
10	CRAWFORD	8.4	53	STARKE	7.3
12	DELAWARE	8.3	58	CLARK	7.2
12	ORANGE	8.3	58	DEARBORN	7.2
14	GREENE	8.2	58	PUTNAM	7.2
14	MADISON	8.2	61	DECATUR	7.1
14	LAWRENCE	8.2	61	POSEY	7.1
17	JAY	8.1	61	JEFFERSON	7.1
17	BLACKFORD	8.1	61	HANCOCK	7.1
17	MORGAN	8.1	65	PULASKI	7.0
17	MARTIN	8.1	65	DAVISS	7.0
17	TIPTON	8.1	65	RIPLEY	7.0
17	LAPORTE	8.1	65	MONROE	7.0
23	MONTGOMERY	8.0	69	KOSCIUSKO	6.9
23	HUNTINGTON	8.0	69	DUBOIS	6.9
25	KNOX	7.9	69	ST. JOSEPH	6.9
25	HENRY	7.9	72	WASHINGTON	6.8
25	GIBSON	7.9	72	SWITZERLAND	6.8
28	WARRICK	7.8	74	CARROLL	6.7
28	WHITLEY	7.8	74	BROWN	6.7
28	STEUBEN	7.8	74	TIPPECANOE	6.7
31	VERMILLION	7.7	77	HENDRICKS	6.6
31	MARION	7.7	77	HAMILTON	6.6
31	WELLS	7.7	77	CLAY	6.6
34	MIAMI	7.6	77	PORTER	6.6
34	ALLEN	7.6	77	JOHNSON	6.6
34	HARRISON	7.6	77	ADAMS	6.6
34	CLINTON	7.6	83	ELKHART	6.5
34	WAYNE	7.6	83	JASPER	6.5
34	CASS	7.6	83	MARSHALL	6.5
34	SPENCER	7.6	86	BOONE	6.3
34	JACKSON	7.6	86	DEKALB	6.3
34	PARKE	7.6	88	WHITE	6.2
34	NOBLE	7.6	89	BENTON	5.8
44	SHELBY	7.5	90	WARREN	5.4
44	LAKE	7.5	90	LAGRANGE	5.4
44	FRANKLIN	7.5	92	UNION	5.0
				INDIANA	7.4

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Low Birthweight*, Black Indiana Residents, 2001-2010

(Counties with 20 or more infants with low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	DELAWARE	15.9
2	ALLEN	15.1
2	LAPORTE	15.1
4	VANDEBURGH	14.5
5	WAYNE	14.4
6	MADISON	14.3
7	LAKE	14.0
7	FLOYD	14.0
9	HOWARD	13.9
9	CLARK	13.9
9	ST. JOSEPH	13.9
12	GRANT	13.4
13	ELKHART	13.1
13	MARION	13.1
15	MONROE	12.8
16	VIGO	12.3
17	PORTER	11.0
18	TIPPECANOE	10.9
19	HAMILTON	9.8
20	HENDRICKS	8.6
	INDIANA	13.6

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Low Birthweight*, Black Indiana Residents, 2001-2010

(Counties with 20 or more infants with low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	DELAWARE	15.9
2	ALLEN	15.1
2	LAPORTE	15.1
4	VANDEBURGH	14.5
5	WAYNE	14.4
6	MADISON	14.3
7	LAKE	14.0
7	FLOYD	14.0
9	HOWARD	13.9
9	CLARK	13.9
9	ST. JOSEPH	13.9
12	GRANT	13.4
13	ELKHART	13.1
13	MARION	13.1
15	MONROE	12.8
16	VIGO	12.3
17	PORTER	11.0
18	TIPPECANOE	10.9
19	HAMILTON	9.8
20	HENDRICKS	8.6
	INDIANA	13.6

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Low Birthweight*, Non-Hispanic Indiana Residents, 2001-2010

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAKE	10.1	45	FULTON	7.7
2	MARION	9.7	48	BARTHOLOMEW	7.6
3	PIKE	9.6	48	HARRISON	7.6
4	GRANT	9.5	48	JACKSON	7.6
5	VANDEBURGH	9.3	48	FRANKLIN	7.6
6	LAPORTE	9.2	52	WELLS	7.5
7	SCOTT	9.1	52	VIGO	7.5
7	DELAWARE	9.1	52	FOUNTAIN	7.5
9	STUBEN	9.0	52	OWEN	7.5
9	PERRY	9.0	56	JEFFERSON	7.4
9	ALLEN	9.0	57	NEWTON	7.3
12	SULLIVAN	8.9	57	OHIO	7.3
13	MADISON	8.8	57	DECATUR	7.3
13	RANDOLPH	8.8	57	STARKE	7.3
15	RUSH	8.7	57	DEARBORN	7.3
16	FAYETTE	8.6	62	ELKHART	7.2
16	WABASH	8.6	62	PUTNAM	7.2
18	ORANGE	8.4	62	DAVISS	7.2
18	JAY	8.4	62	JENNINGS	7.2
20	ST. JOSEPH	8.3	62	POSEY	7.2
20	MARTIN	8.3	67	HANCOCK	7.1
20	CLINTON	8.3	68	MONROE	7.0
20	GREENE	8.3	68	CARROLL	7.0
24	LAWRENCE	8.2	70	RIPLEY	6.9
24	CRAWFORD	8.2	70	KOSCIUSKO	6.9
26	CASS	8.1	70	PULASKI	6.9
26	BLACKFORD	8.1	70	DUBOIS	6.9
26	MORGAN	8.1	70	HAMILTON	6.9
26	WAYNE	8.1	75	PORTER	6.8
26	MONTGOMERY	8.1	75	SWITZERLAND	6.8
26	FLOYD	8.1	75	TIPPECANOE	6.8
32	CLARK	8.0	78	BROWN	6.7
32	KNOX	8.0	78	JOHNSON	6.7
32	HENRY	8.0	78	JASPER	6.7
32	HOWARD	8.0	78	WASHINGTON	6.7
32	NOBLE	8.0	82	HENDRICKS	6.6
32	HUNTINGTON	8.0	82	WHITE	6.6
38	GIBSON	7.9	82	CLAY	6.6
38	TIPTON	7.9	82	ADAMS	6.6
38	SHELBY	7.9	86	MARSHALL	6.5
38	WARRICK	7.9	86	BOONE	6.5
38	WHITLEY	7.9	88	DEKALB	6.4
43	VERMILLION	7.8	89	BENTON	5.8
43	SPENCER	7.8	90	WARREN	5.7
45	MIAMI	7.7	91	LAGRANGE	5.3
45	PARKE	7.7	92	UNION	5.1
				INDIANA	8.2

*Birthweight less than 2,500 grams.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Low Birthweight*, Hispanic Indiana Residents, 2001-2010

(Counties with 20 or more infants with low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	MONROE	8.5
2	HENDRICKS	7.8
3	LAKE	7.5
4	ALLEN	7.4
5	KOSCIUSKO	7.3
6	JACKSON	7.1
6	DAVISS	7.1
8	MADISON	7.0
8	LAPORTE	7.0
10	MONTGOMERY	6.9
10	TIPPECANOE	6.9
12	BARTHOLOMEW	6.8
13	VANDEBURGH	6.7
14	JOHNSON	6.5
14	PORTER	6.5
16	ST. JOSEPH	6.4
16	MARSHALL	6.4
18	HAMILTON	6.3
18	ELKHART	6.3
20	MARION	6.2
20	CLARK	6.2
20	DUBOIS	6.2
23	GRANT	5.9
23	CASS	5.9
25	WHITE	5.5
26	CLINTON	5.3
26	NOBLE	5.3
28	WAYNE	5.2
	INDIANA	6.6

*Birthweight less than 2,500 grams.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Very Low Birthweight*, Total Population, Indiana Residents, 2001-2010

(Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAKE	1.9	33	MIAMI	1.3
1	MARTIN	1.9	33	NOBLE	1.3
3	MARION	1.8	33	FRANKLIN	1.3
3	LAPORTE	1.8	46	WARRICK	1.2
5	VANDEBURGH	1.7	46	PULASKI	1.2
5	FAYETTE	1.7	46	HANCOCK	1.2
5	ST. JOSEPH	1.7	46	OWEN	1.2
5	SULLIVAN	1.7	46	DUBOIS	1.2
9	TIPTON	1.6	46	HUNTINGTON	1.2
9	CASS	1.6	46	HAMILTON	1.2
11	ALLEN	1.5	46	KNOX	1.2
11	GIBSON	1.5	46	DEKALB	1.2
11	WAYNE	1.5	46	WABASH	1.2
11	DELAWARE	1.5	46	WELLS	1.2
11	PIKE	1.5	46	WASHINGTON	1.2
11	CLAY	1.5	46	JASPER	1.2
11	FULTON	1.5	59	HOWARD	1.1
11	PERRY	1.5	59	HENDRICKS	1.1
11	RUSH	1.5	59	WHITE	1.1
11	LAWRENCE	1.5	59	DEARBORN	1.1
21	ORANGE	1.4	59	SPENCER	1.1
21	RANDOLPH	1.4	59	JACKSON	1.1
21	CLARK	1.4	59	DECATUR	1.1
21	CLINTON	1.4	59	MONTGOMERY	1.1
21	PARKE	1.4	59	PORTER	1.1
21	TIPPECANOE	1.4	59	JOHNSON	1.1
21	MADISON	1.4	59	BOONE	1.1
21	JENNINGS	1.4	59	MARSHALL	1.1
21	HENRY	1.4	59	SCOTT	1.1
21	VIGO	1.4	59	POSEY	1.1
21	JAY	1.4	73	PUTNAM	1.0
21	STEUBEN	1.4	73	ADAMS	1.0
33	HARRISON	1.3	73	KOSCIUSKO	1.0
33	ELKHART	1.3	73	RIPLEY	1.0
33	GRANT	1.3	73	FOUNTAIN	1.0
33	MORGAN	1.3	73	JEFFERSON	1.0
33	FLOYD	1.3	79	STARKE	0.9
33	SHELBY	1.3	79	CARROLL	0.9
33	BLACKFORD	1.3	79	WHITLEY	0.9
33	MONROE	1.3	82	LAGRANGE	0.8
33	BARTHOLOMEW	1.3	82	DAVISS	0.8
33	GREENE	1.3			
				INDIANA	1.4

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Very Low Birthweight*, White Indiana Residents, 2001-2010

(Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	MARTIN	1.9	40	CLARK	1.2
2	FAYETTE	1.7	40	ELKHART	1.2
2	SULLIVAN	1.7	40	HUNTINGTON	1.2
4	VANDEBURGH	1.6	40	DUBOIS	1.2
4	TIPTON	1.6	40	ALLEN	1.2
4	CASS	1.6	40	WABASH	1.2
7	GIBSON	1.5	40	WELLS	1.2
7	CLAY	1.5	40	WARRICK	1.2
7	PIKE	1.5	40	WASHINGTON	1.2
7	RUSH	1.5	40	DEKALB	1.2
7	LAWRENCE	1.5	53	OWEN	1.1
7	FULTON	1.5	53	KNOX	1.1
13	ORANGE	1.4	53	GRANT	1.1
13	PARKE	1.4	53	HENDRICKS	1.1
13	LAKE	1.4	53	HAMILTON	1.1
13	RANDOLPH	1.4	53	DEARBORN	1.1
13	WAYNE	1.4	53	HANCOCK	1.1
13	HENRY	1.4	53	JASPER	1.1
13	CLINTON	1.4	53	DECATUR	1.1
13	PERRY	1.4	53	MARSHALL	1.1
13	JENNINGS	1.4	53	MONTGOMERY	1.1
13	LAPORTE	1.4	53	JOHNSON	1.1
13	STEUBEN	1.4	53	POSEY	1.1
24	MORGAN	1.3	53	JACKSON	1.1
24	FLOYD	1.3	53	PUTNAM	1.1
24	JAY	1.3	53	SCOTT	1.1
24	TIPPECANOE	1.3	69	BOONE	1.0
24	BLACKFORD	1.3	69	HOWARD	1.0
24	ST. JOSEPH	1.3	69	SPENCER	1.0
24	MONROE	1.3	69	PORTER	1.0
24	HARRISON	1.3	69	JEFFERSON	1.0
24	NOBLE	1.3	69	ADAMS	1.0
24	MARION	1.3	69	WHITE	1.0
24	BARTHOLOMEW	1.3	69	KOSCIUSKO	1.0
24	FRANKLIN	1.3	69	RIPLEY	1.0
24	GREENE	1.3	69	FOUNTAIN	1.0
24	MIAMI	1.3	69	STARKE	1.0
24	VIGO	1.3	80	CARROLL	0.9
24	PULASKI	1.3	80	WHITLEY	0.9
40	MADISON	1.2	82	LAGRANGE	0.8
40	SHELBY	1.2	82	DAVISS	0.8
40	DELAWARE	1.2			
				INDIANA	1.2

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Very Low Birthweight*, Black Indiana Residents, 2001-2010

(Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAPORTE	4.5
2	DELAWARE	3.4
2	CLARK	3.4
4	ST. JOSEPH	3.3
5	ALLEN	3.2
6	TIPPECANOE	3.1
6	GRANT	3.1
6	VIGO	3.1
6	LAKE	3.1
6	MARION	3.1
6	HAMILTON	3.1
12	VANDEBURGH	2.9
12	ELKHART	2.9
12	MADISON	2.9
15	HOWARD	2.3
	INDIANA	3.1

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Very Low Birthweight*, Non-Hispanic Indiana Residents, 2001-2010

(Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAKE	2.1	36	PULASKI	1.3
2	STEBEN	2.0	36	FRANKLIN	1.3
3	MARION	1.9	36	BARTHOLOMEW	1.3
3	MARTIN	1.9	36	WARRICK	1.3
5	CASS	1.8	36	MONROE	1.3
5	LAPORTE	1.8	48	HANCOCK	1.2
7	VANDEBURGH	1.7	48	HUNTINGTON	1.2
7	ST. JOSEPH	1.7	48	WABASH	1.2
7	FAYETTE	1.7	48	HAMILTON	1.2
7	SULLIVAN	1.7	48	OWEN	1.2
11	CLINTON	1.6	48	KNOX	1.2
12	GIBSON	1.5	48	WELLS	1.2
12	WAYNE	1.5	48	DEKALB	1.2
12	ALLEN	1.5	48	JASPER	1.2
12	TIPTON	1.5	57	HOWARD	1.1
12	RANDOLPH	1.5	57	DUBOIS	1.1
12	PERRY	1.5	57	WASHINGTON	1.1
12	LAWRENCE	1.5	57	DECATUR	1.1
12	PIKE	1.5	57	SPENCER	1.1
12	CLAY	1.5	57	DEARBORN	1.1
12	DELAWARE	1.5	57	HENDRICKS	1.1
22	CLARK	1.4	57	MONTGOMERY	1.1
22	RUSH	1.4	57	PORTER	1.1
22	JAY	1.4	57	JOHNSON	1.1
22	ORANGE	1.4	57	POSEY	1.1
22	FULTON	1.4	57	WHITE	1.1
22	PARKE	1.4	57	BOONE	1.1
22	MADISON	1.4	70	PUTNAM	1.0
22	ELKHART	1.4	70	MARSHALL	1.0
22	HENRY	1.4	70	KOSCIUSKO	1.0
22	VIGO	1.4	70	FOUNTAIN	1.0
22	FLOYD	1.4	70	SCOTT	1.0
22	HARRISON	1.4	70	ADAMS	1.0
22	GRANT	1.4	70	JEFFERSON	1.0
22	TIPPECANOE	1.4	70	RIPLEY	1.0
36	SHELBY	1.3	70	CARROLL	1.0
36	MORGAN	1.3	70	JACKSON	1.0
36	BLACKFORD	1.3	70	STARKE	1.0
36	JENNINGS	1.3	81	WHITLEY	0.9
36	NOBLE	1.3	82	LAGRANGE	0.8
36	GREENE	1.3	82	DAVISS	0.8
36	MIAMI	1.3			
				INDIANA	1.5

*Birthweight less than 1,500 grams.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Very Low Birthweight*, Hispanic Indiana Residents, 2001-2010

(Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	ALLEN	1.7
2	TIPPECANOE	1.6
3	LAKE	1.4
4	ST. JOSEPH	1.3
5	ELKHART	1.2
6	MARION	1.1
	INDIANA	1.3

*Birthweight less than 1,500 grams.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Glossary of Terms

Age-Specific Birth Rate - The number of live births for a specific age group for every 1,000 women in that age group.

Birthweight - The amount a liveborn infant weighs at birth.

County of Occurrence - The Indiana county where someone gave birth or died. The person may or may not be an Indiana resident.

County of Residence - For birth data, the county of residence is the mother's Indiana county of residence at the time she gave birth, regardless of where she gave birth. For death data, the county of residence is where the person lived when he or she died, regardless of where the death occurred.

Ethnicity - Births are based on the reported ethnicity of the mother. Infant deaths are based on the reported ethnicity of the infant. In Indiana, "Hispanic" is classified as an individual's ethnicity, not his or her race; all Hispanics are classified as either "white Hispanic", "black Hispanic", or "other Hispanic". Please see Preface for OMB standards regarding ethnicity.

Fetal Mortality - A death prior to a completed delivery of a fetus of 20 or more weeks gestation. The fetal death rate is calculated by taking fetal deaths divided by (fetal deaths plus live births) multiplied by 1,000.

First Trimester - The first three months of pregnancy.

Infant Mortality - The death of an infant less than one year old. The infant mortality rate is calculated by taking infant deaths divided by live births multiplied by 1,000.

Kotelchuck Index - The Kotelchuck Index is an Adequacy of Prenatal Care Utilization (APNCU) Index which attempts to characterize prenatal care (PNC) utilization on two independent and distinctive dimensions - namely adequacy of initiation of PNC and adequacy of received services (once PNC has begun). It utilizes month of initial PNC visit, number of visits, and gestational age in its calculations.

Live Birth - A live birth is any infant who breathes or shows any other evidence of life (such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles) after separation from the mother's uterus, regardless of the duration of gestation.

Low Birthweight (LBW) - Birthweight less than 2,500 grams (5 lb. 8 oz.).

Neonatal Mortality - The death of an infant less than 28 days old. The rate is calculated by taking the number of neonatal deaths divided by live births multiplied by 1,000.

Occurrent Live Birth - The live birth of an infant occurring in Indiana regardless of the mother's state of residence. The mother may or may not be an Indiana resident.

Perinatal Mortality - Perinatal deaths are fetal deaths plus neonatal deaths. The rate is calculated by taking (fetal deaths + neonatal deaths) divided by (fetal deaths + live births) multiplied by 1,000.

Preterm Births – Delivery of a liveborn infant prior to 37 weeks gestation. Starting with this report, the Data Analysis Team (Epidemiology Resource Center) at the Indiana State Department of Health calculated the preterm data by using the calculated gestation based on last normal menses and date of birth, as the National Center for Health Statistics (NCHS) and some other states do. Therefore, you can compare our data with the national data. However, the preterm data in this report will not be comparable with the preterm data in the previous MCH Outcomes reports or the 1998 through 2007 Indiana Natality Reports. Please see Preface for more details.

Postneonatal Mortality - The death of an infant 28 days to 364 days old. The rate is calculated by taking the number of postneonatal deaths divided by live births multiplied by 1,000.

Race - Births are based on the reported race of the mother. Infant deaths are based on the reported race of the infant. In this report, race is categorized as "white", "black", and "total". "Total" represents all races combined, which includes "white", "black", and "other". "Other" means all other races besides white and black, including unknown. In Indiana, "Hispanic" is classified as an individual's ethnicity, not his or her race. Please see definition of Ethnicity. Please see Preface for OMB standards regarding race.

Ratio of Black to White Infant Mortality Rate – Black infant mortality rate divided by white infant mortality rate. The ratio is unstable if the numerator or denominator is less than 20. The ratio can be calculated with neonatal and postneonatal mortality rates, also.

Resident Live Birth - The live birth of an infant whose mother's usual residence is in Indiana, regardless of where the birth occurred (inside Indiana or elsewhere).

Smoked during Pregnancy - This information is self-reported by the mother.

Stable Rate - A rate containing a minimum of 20 occurrences or events (e.g., births or deaths) per unit being examined (e.g., county or state).

Unstable Rate - When the numerator is less than 20, the rate is unstable. A small change in the numerator can lead to a large change in the rate from one year to the next. Some of the rates shown in this report are based on a small number of live births or deaths by age or race. The unstable rates are shown in this report, but we do not recommend using unstable rates. Unstable rates do not lend themselves to being used to make decisions.

Very Low Birthweight (VLBW) - Birthweight less than 1,500 grams (3 lb. 5 oz.).