

**Indiana Maternal and Child Health
Outcomes and Performance
Measures Data Book**

**State and Selected County Data
1999-2008**

(Published September 2012)

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We gratefully acknowledge the efforts of the ISDH Vital Records Division, hospitals, local health departments, physicians, coroners, and other organizations that make the Indiana State Department of Health vital statistics system possible.

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Glossary of Terms

Preface

The *Indiana Maternal and Child Health Outcomes and Performance Measures Data Book, 1999-2008*, provides a summary of data relating to pregnancy, birth, and mortality in Indiana and selected counties for the years 1999-2008.

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*.

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 this report and in the 1998-2007 MCH Outcomes report, 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 1998 through 2008 Indiana Natality Reports. In those reports, we used the obstetrical estimate of gestation (clinical estimate of gestation) to calculate the preterm data.

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:

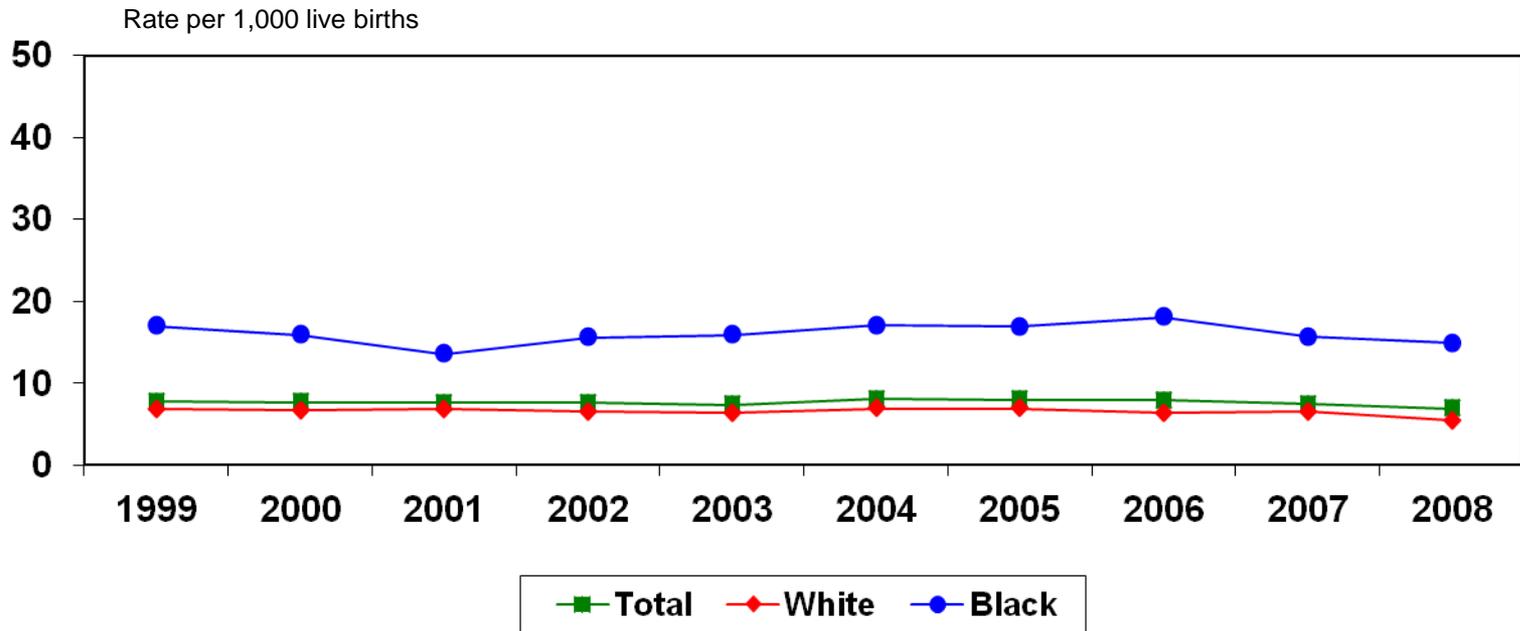
| Race | | |
|---|--------------------------------------|--------------------|
| <u>1997 OMB standards (current)</u> | <u>1977 OMB standards (pre-2007)</u> | <u>This Report</u> |
| American Indian or Alaska Native | American Indian or Alaska Native | Included in Other |
| Asian | Asian or Pacific Islander | 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, 1999-2008

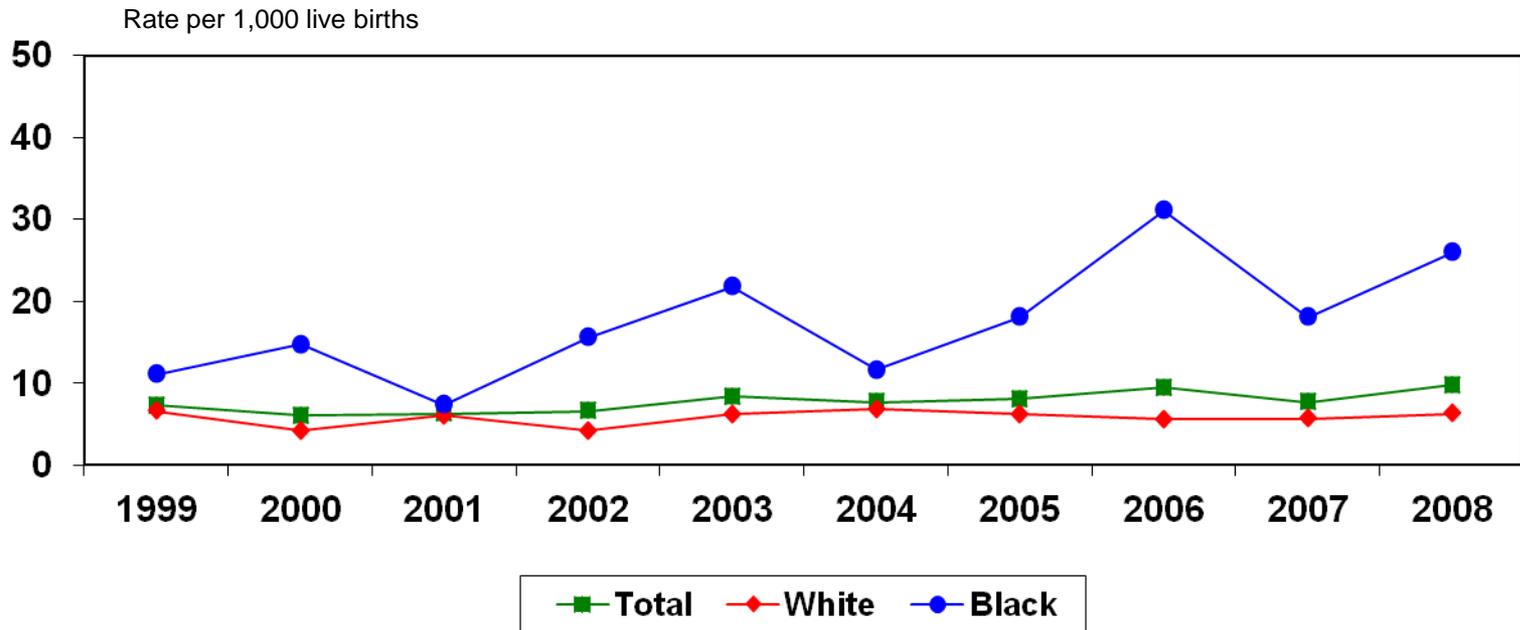


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 7.8 | 7.7 | 7.6 | 7.6 | 7.4 | 8.1 | 8.0 | 7.9 | 7.5 | 6.9 |
| White | 6.8 | 6.7 | 6.8 | 6.5 | 6.4 | 6.9 | 6.9 | 6.4 | 6.5 | 5.5 |
| Black | 17.0 | 15.9 | 13.6 | 15.6 | 15.9 | 17.1 | 16.9 | 18.1 | 15.7 | 14.9 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Infant Mortality Rates by Race

Allen County Residents, 1999-2008



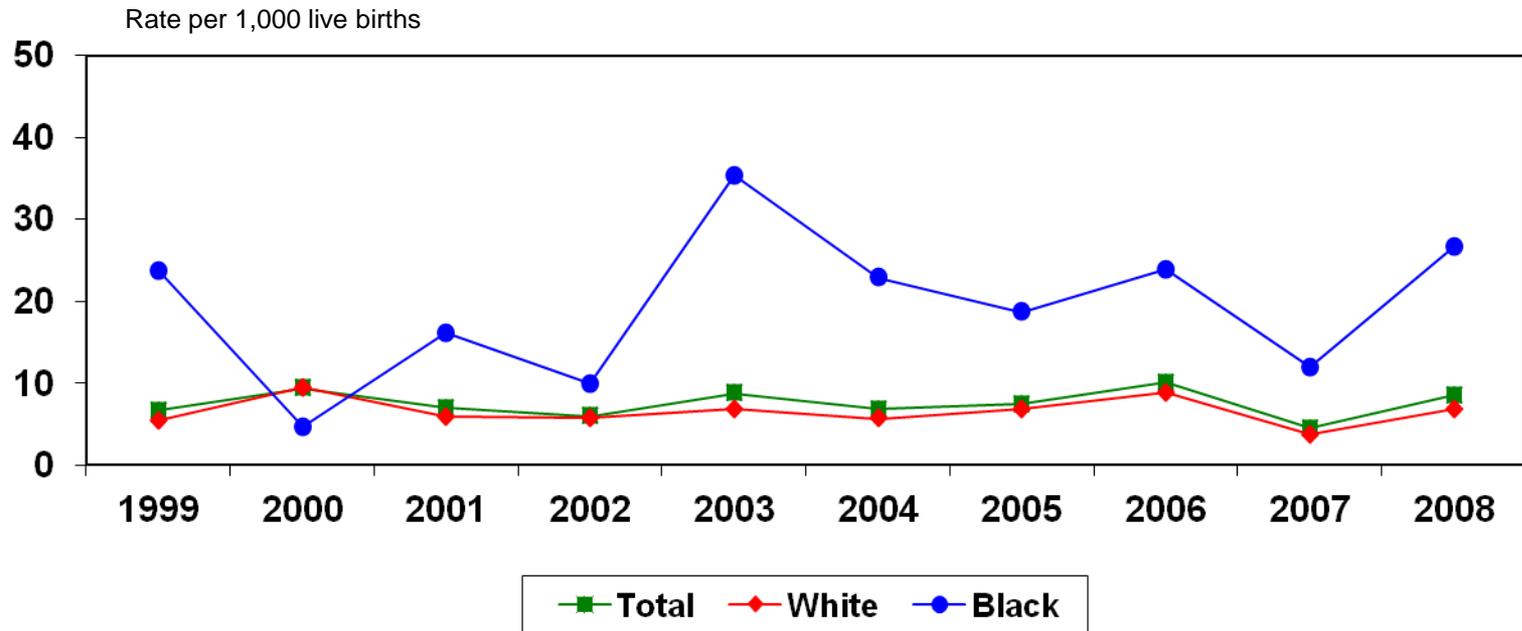
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------|-------|------|-------|-------|-------|-------|------|-------|------|
| Total | 7.3 | 6.1 | 6.3 | 6.6 | 8.4 | 7.7 | 8.1 | 9.5 | 7.7 | 9.8 |
| White | 6.6 | 4.2* | 6.1 | 4.2* | 6.2 | 6.8 | 6.2 | 5.6 | 5.7 | 6.3 |
| Black | 11.1* | 14.8* | 7.4* | 15.6* | 21.8* | 11.7* | 18.1* | 31.1 | 18.1* | 26.0 |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Infant Mortality Rates by Race

Elkhart County Residents, 1999-2008



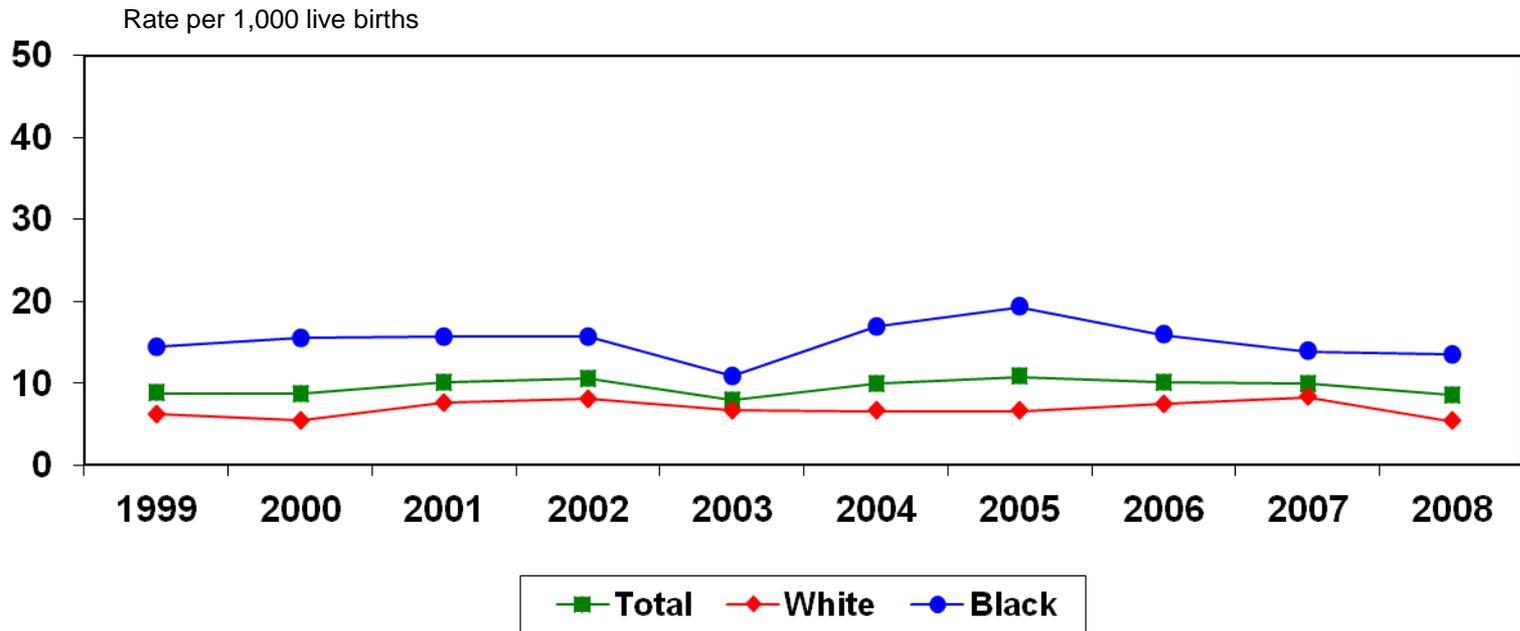
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|
| Total | 6.7 | 9.4 | 7.0 | 6.0* | 8.8 | 6.8 | 7.5 | 10.1 | 4.5* | 8.5 |
| White | 5.5* | 9.5 | 5.9* | 5.8* | 6.8 | 5.7* | 6.8 | 8.9 | 3.7* | 6.8 |
| Black | 23.7* | 4.7* | 16.1* | 9.9* | 35.4* | 22.9* | 18.7* | 23.9* | 12.0* | 26.7* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Infant Mortality Rates by Race

Lake County Residents, 1999-2008

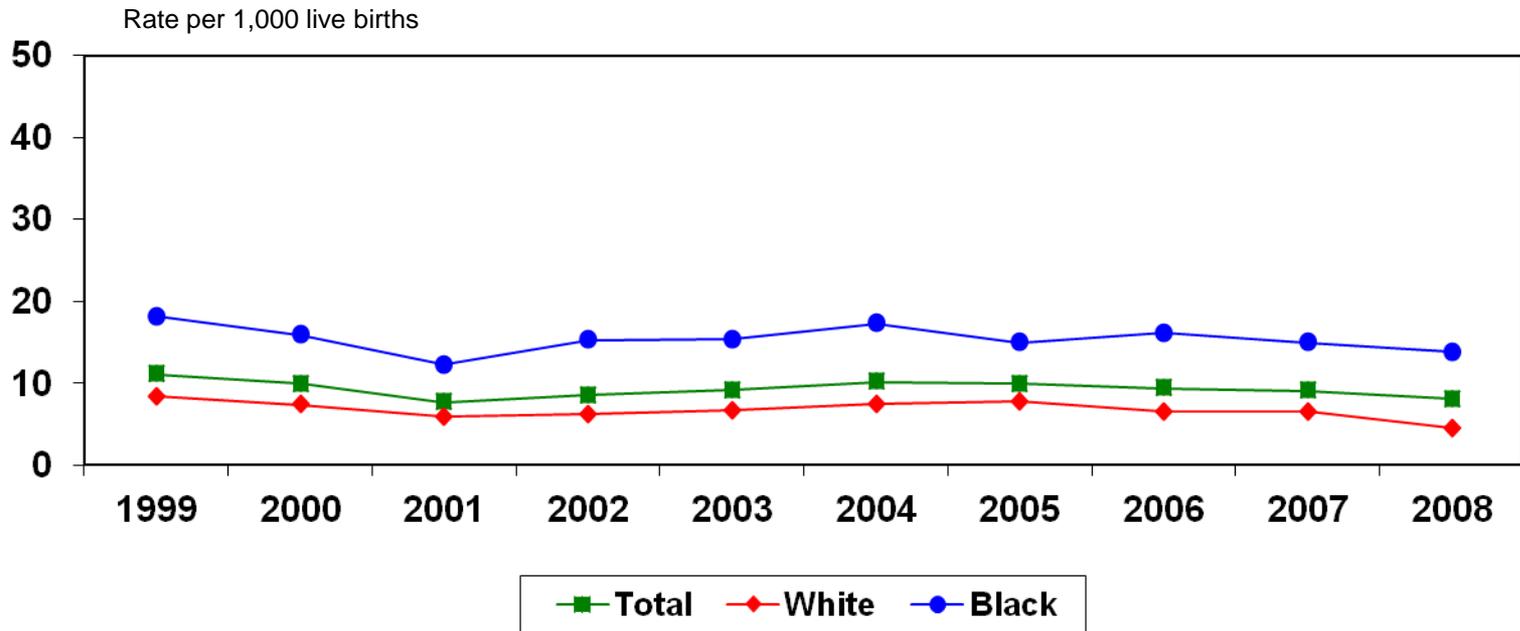


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 8.8 | 8.7 | 10.1 | 10.6 | 7.9 | 9.9 | 10.8 | 10.1 | 9.9 | 8.6 |
| White | 6.2 | 5.5 | 7.6 | 8.1 | 6.7 | 6.6 | 6.6 | 7.5 | 8.3 | 5.4 |
| Black | 14.4 | 15.5 | 15.7 | 15.7 | 10.9 | 16.9 | 19.3 | 15.9 | 13.9 | 13.5 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Infant Mortality Rates by Race

Marion County Residents, 1999-2008

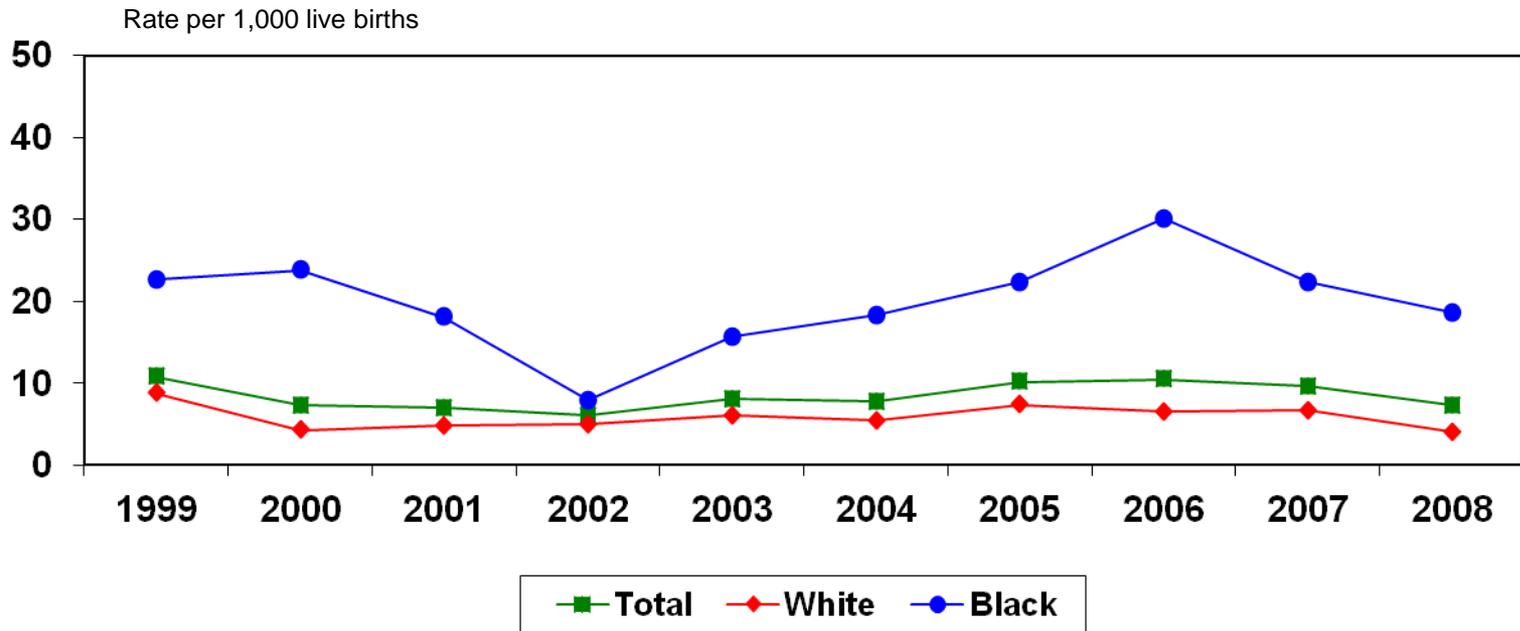


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 11.1 | 9.9 | 7.7 | 8.6 | 9.2 | 10.2 | 9.9 | 9.4 | 9.1 | 8.1 |
| White | 8.4 | 7.4 | 5.9 | 6.2 | 6.7 | 7.5 | 7.8 | 6.5 | 6.5 | 4.5 |
| Black | 18.2 | 15.9 | 12.3 | 15.3 | 15.4 | 17.3 | 15.0 | 16.1 | 15.0 | 13.8 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Infant Mortality Rates by Race

St. Joseph County Residents, 1999-2008



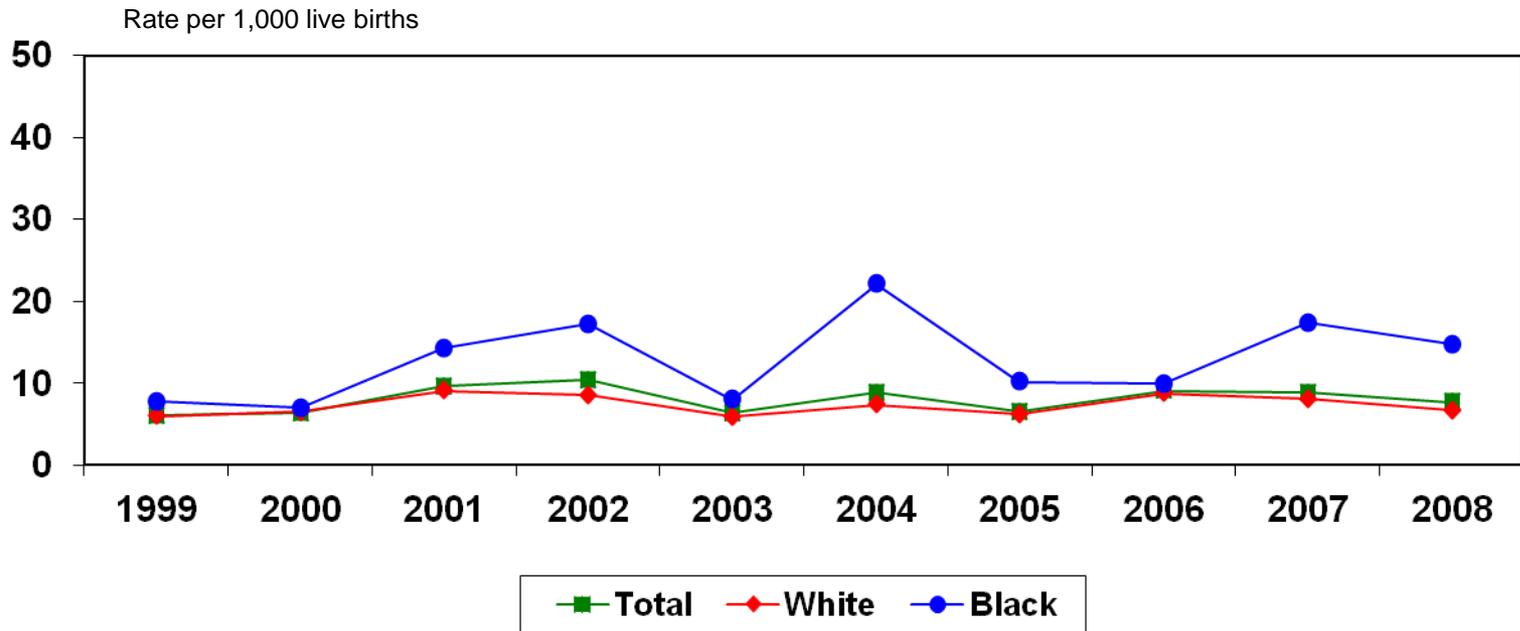
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|
| Total | 10.8 | 7.3 | 7.0 | 6.1 | 8.1 | 7.8 | 10.2 | 10.5 | 9.6 | 7.3 |
| White | 8.8 | 4.3* | 4.8* | 5.0* | 6.1* | 5.5* | 7.4 | 6.5 | 6.7 | 4.1* |
| Black | 22.7* | 23.8* | 18.1* | 7.9* | 15.7* | 18.3* | 22.3* | 30.1 | 22.3* | 18.6* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Infant Mortality Rates by Race

Vanderburgh County Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|-------|-------|------|-------|-------|------|-------|-------|
| Total | 6.1* | 6.4* | 9.6 | 10.4 | 6.4* | 8.9 | 6.5* | 9.1 | 8.9 | 7.7* |
| White | 6.0* | 6.5* | 9.1* | 8.6* | 5.9* | 7.4* | 6.2* | 8.8* | 8.1* | 6.7* |
| Black | 7.8* | 7.0* | 14.3* | 17.2* | 8.0* | 22.1* | 10.2* | 9.9* | 17.4* | 14.8* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

**Infant Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1999-2008**

| | 1999 | | 2000 | | 2001 | | 2002 | | 2003 | | 2004 | | 2005 | | 2006 | | 2007 | | 2008 | |
|-------------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| | Number | Rate |
| INDIANA | 671 | 7.8 | 676 | 7.7 | 652 | 7.6 | 649 | 7.6 | 641 | 7.4 | 702 | 8.1 | 699 | 8.0 | 702 | 7.9 | 677 | 7.5 | 616 | 6.9 |
| White | 506 | 6.8 | 511 | 6.7 | 514 | 6.8 | 479 | 6.5 | 479 | 6.4 | 522 | 6.9 | 519 | 6.9 | 495 | 6.4 | 499 | 6.5 | 409 | 5.5 |
| Black | 157 | 17.0 | 150 | 15.9 | 130 | 13.6 | 144 | 15.6 | 148 | 15.9 | 164 | 17.1 | 166 | 16.9 | 188 | 18.1 | 162 | 15.7 | 156 | 14.9 |
| Ratio | | 2.5 | | 2.4 | | 2.0 | | 2.4 | | 2.5 | | 2.5 | | 2.4 | | 2.8 | | 2.4 | | 2.7 |
| ALL RACES | 334 | 9.4 | 313 | 8.6 | 286 | 8.0 | 296 | 8.3 | 307 | 8.5 | 334 | 9.1 | 343 | 9.4 | 369 | 9.7 | 323 | 8.6 | 310 | 8.4 |
| Allen | 37 | 7.3 | 32 | 6.1 | 34 | 6.3 | 34 | 6.6 | 44 | 8.4 | 41 | 7.7 | 43 | 8.1 | 52 | 9.5 | 42 | 7.7 | 54 | 9.8 |
| Elkhart | 21 | 6.7 | 31 | 9.4 | 22 | 7.0 | 18 | 6.0 | 28 | 8.8 | 22 | 6.8 | 26 | 7.5 | 36 | 10.1 | 16 | 4.5 | 29 | 8.5 |
| Lake | 62 | 8.8 | 61 | 8.7 | 70 | 10.1 | 72 | 10.6 | 55 | 7.9 | 69 | 9.9 | 74 | 10.8 | 70 | 10.1 | 67 | 9.9 | 57 | 8.6 |
| Marion | 158 | 11.1 | 145 | 9.9 | 111 | 7.7 | 125 | 8.6 | 135 | 9.2 | 151 | 10.2 | 145 | 9.9 | 146 | 9.4 | 140 | 9.1 | 124 | 8.1 |
| St. Joseph | 42 | 10.8 | 29 | 7.3 | 27 | 7.0 | 23 | 6.1 | 30 | 8.1 | 30 | 7.8 | 39 | 10.2 | 42 | 10.5 | 36 | 9.6 | 28 | 7.3 |
| Vanderburgh | 14 | 6.1 | 15 | 6.4 | 22 | 9.6 | 24 | 10.4 | 15 | 6.4 | 21 | 8.9 | 16 | 6.5 | 23 | 9.1 | 22 | 8.9 | 18 | 7.7 |
| WHITE | 197 | 7.3 | 176 | 6.4 | 171 | 6.3 | 166 | 6.2 | 177 | 6.5 | 188 | 6.8 | 193 | 7.0 | 197 | 7.0 | 180 | 6.5 | 140 | 5.3 |
| Allen | 28 | 6.6 | 18 | 4.2 | 27 | 6.1 | 18 | 4.2 | 27 | 6.2 | 30 | 6.8 | 27 | 6.2 | 25 | 5.6 | 25 | 5.7 | 26 | 6.3 |
| Elkhart | 16 | 5.5 | 29 | 9.5 | 17 | 5.9 | 16 | 5.8 | 20 | 6.8 | 17 | 5.7 | 22 | 6.8 | 29 | 8.9 | 12 | 3.7 | 21 | 6.8 |
| Lake | 29 | 6.2 | 26 | 5.5 | 35 | 7.6 | 37 | 8.1 | 31 | 6.7 | 31 | 6.6 | 30 | 6.6 | 34 | 7.5 | 37 | 8.3 | 22 | 5.4 |
| Marion | 84 | 8.4 | 76 | 7.4 | 59 | 5.9 | 63 | 6.2 | 69 | 6.7 | 78 | 7.5 | 79 | 7.8 | 69 | 6.5 | 69 | 6.5 | 46 | 4.5 |
| St. Joseph | 28 | 8.8 | 14 | 4.3 | 15 | 4.8 | 15 | 5.0 | 18 | 6.1 | 17 | 5.5 | 22 | 7.4 | 21 | 6.5 | 20 | 6.7 | 12 | 4.1 |
| Vanderburgh | 12 | 6.0 | 13 | 6.5 | 18 | 9.1 | 17 | 8.6 | 12 | 5.9 | 15 | 7.4 | 13 | 6.2 | 19 | 8.8 | 17 | 8.1 | 13 | 6.7 |
| BLACK | 133 | 16.6 | 128 | 15.7 | 110 | 13.3 | 118 | 14.8 | 121 | 15.0 | 140 | 17.0 | 142 | 17.0 | 165 | 18.6 | 135 | 15.6 | 140 | 15.8 |
| Allen | 8 | 11.1 | 11 | 14.8 | 6 | 7.4 | 11 | 15.6 | 16 | 21.8 | 9 | 11.7 | 14 | 18.1 | 27 | 31.1 | 16 | 18.1 | 24 | 26.0 |
| Elkhart | 5 | 23.7 | 1 | 4.7 | 3 | 16.1 | 2 | 9.9 | 7 | 35.4 | 5 | 22.9 | 4 | 18.7 | 6 | 23.9 | 3 | 12.0 | 7 | 26.7 |
| Lake | 33 | 14.4 | 35 | 15.5 | 35 | 15.7 | 34 | 15.7 | 24 | 10.9 | 37 | 16.9 | 43 | 19.3 | 36 | 15.9 | 30 | 13.9 | 30 | 13.5 |
| Marion | 71 | 18.2 | 64 | 15.9 | 50 | 12.3 | 61 | 15.3 | 62 | 15.4 | 71 | 17.3 | 62 | 15.0 | 72 | 16.1 | 66 | 15.0 | 61 | 13.8 |
| St. Joseph | 14 | 22.7 | 15 | 23.8 | 12 | 18.1 | 5 | 7.9 | 10 | 15.7 | 12 | 18.3 | 16 | 22.3 | 21 | 30.1 | 15 | 22.3 | 14 | 18.6 |
| Vanderburgh | 2 | 7.8 | 2 | 7.0 | 4 | 14.3 | 5 | 17.2 | 2 | 8.0 | 6 | 22.1 | 3 | 10.2 | 3 | 9.9 | 5 | 17.4 | 4 | 14.8 |
| RATIO | | | | | | | | | | | | | | | | | | | | |
| Allen | | 1.7 | | 3.6 | | 1.2 | | 3.7 | | 3.5 | | 1.7 | | 2.9 | | 5.6 | | 3.2 | | 4.1 |
| Elkhart | | 4.3 | | 0.5 | | 2.7 | | 1.7 | | 5.2 | | 4.0 | | 2.8 | | 2.7 | | 3.2 | | 3.9 |
| Lake | | 2.3 | | 2.8 | | 2.1 | | 1.9 | | 1.6 | | 2.6 | | 2.9 | | 2.1 | | 1.7 | | 2.5 |
| Marion | | 2.2 | | 2.1 | | 2.1 | | 2.5 | | 2.3 | | 2.3 | | 1.9 | | 2.5 | | 2.3 | | 3.1 |
| St. Joseph | | 2.6 | | 5.5 | | 3.8 | | 1.6 | | 2.6 | | 3.3 | | 3.0 | | 4.6 | | 3.3 | | 4.5 |
| Vanderburgh | | 1.3 | | 1.1 | | 1.6 | | 2.0 | | 1.4 | | 3.0 | | 1.6 | | 1.1 | | 2.1 | | 2.2 |

Rate per 1,000 live births.

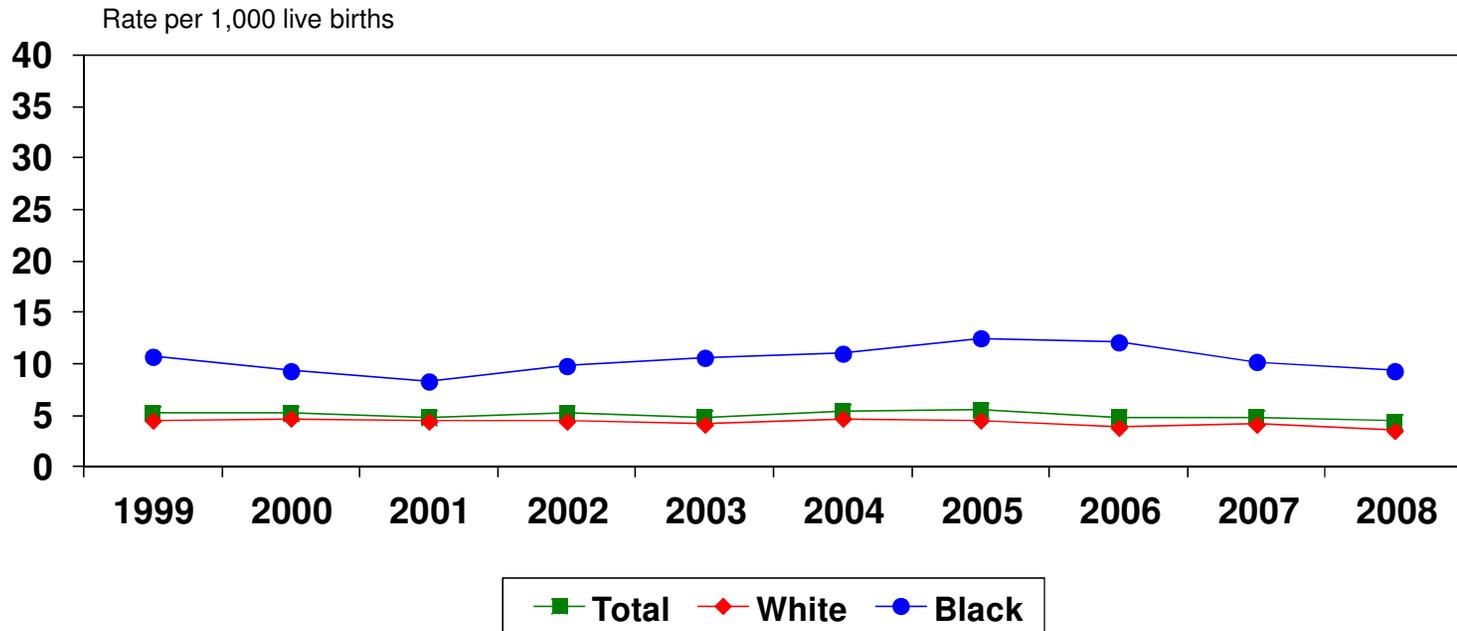
Shaded area: Numerator is less than 20, and the rate is unstable. The ratio is unstable if the numerator or denominator is less than 20.

In this table, corrections were made to the rates for the six-county totals for 2000-2008.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Neonatal Mortality Rates by Race

Indiana Residents, 1999-2008

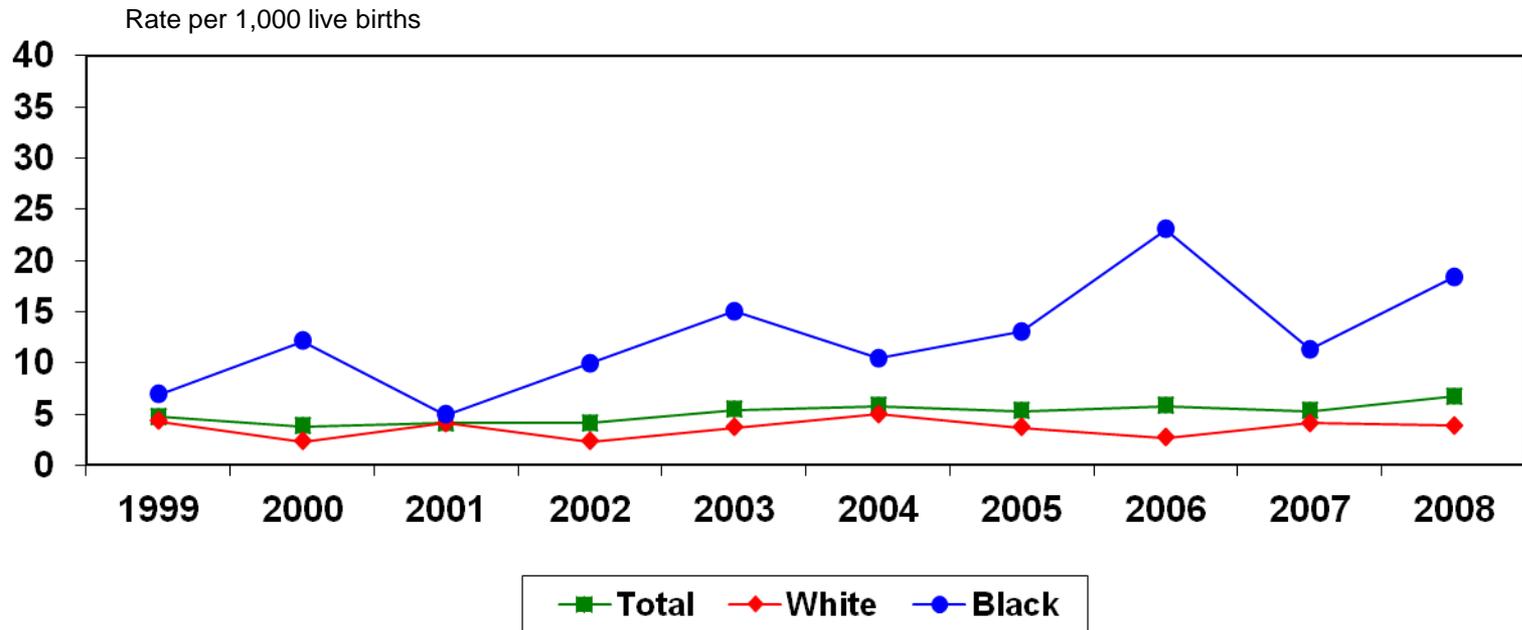


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 5.2 | 5.2 | 4.8 | 5.2 | 4.8 | 5.4 | 5.5 | 4.8 | 4.8 | 4.4 |
| White | 4.5 | 4.7 | 4.4 | 4.4 | 4.1 | 4.7 | 4.5 | 3.8 | 4.1 | 3.5 |
| Black | 10.7 | 9.3 | 8.3 | 9.8 | 10.6 | 11.0 | 12.5 | 12.1 | 10.2 | 9.3 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012
 Note: 2008 data revised in April 2013

Neonatal Mortality Rates by Race

Allen County Residents, 1999-2008

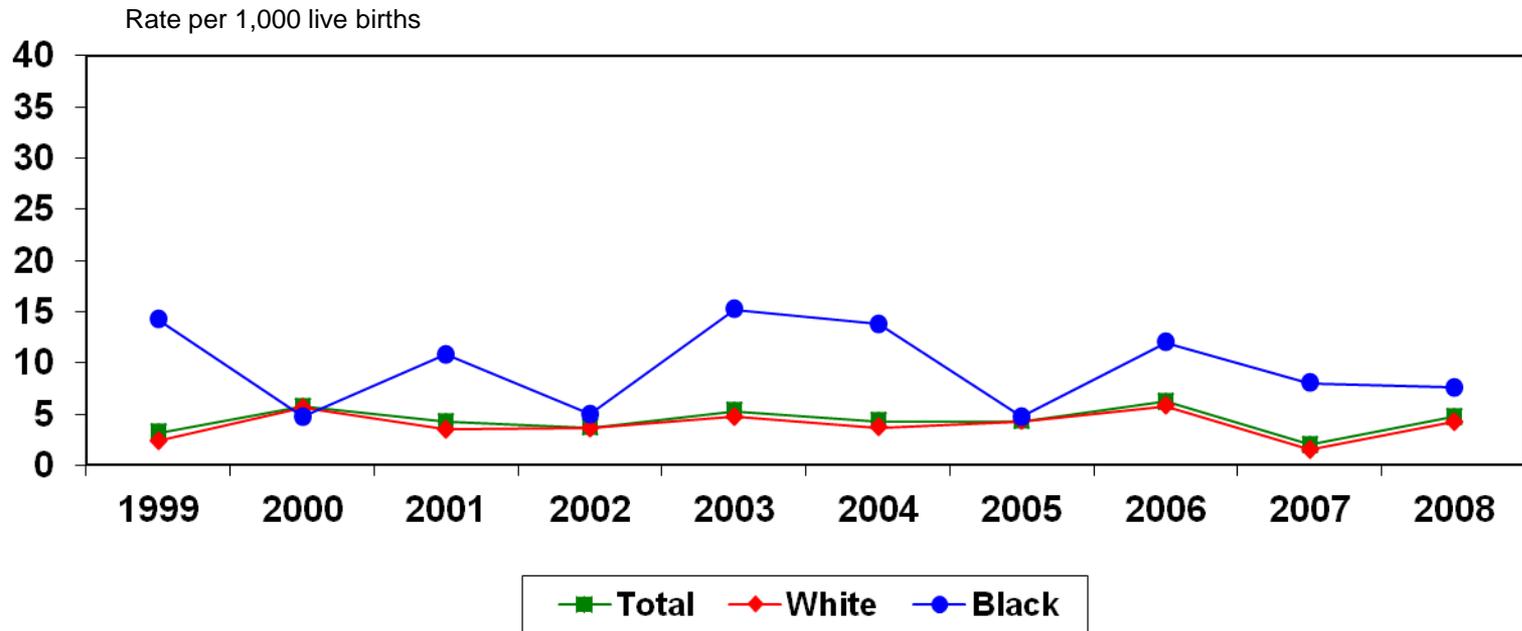


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|-------------|--------------|--------------|
| Total | 4.7 | 3.8 | 4.1 | 4.1 | 5.4 | 5.8 | 5.3 | 5.8 | 5.3 | 6.7 |
| White | 4.3* | 2.3* | 4.1* | 2.3* | 3.7* | 5.0 | 3.7* | 2.7* | 4.1* | 3.9* |
| Black | 6.9* | 12.1* | 4.9* | 9.9* | 15.0* | 10.4* | 13.0* | 23.0 | 11.3* | 18.4* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Neonatal Mortality Rates by Race Elkhart County Residents, 1999-2008



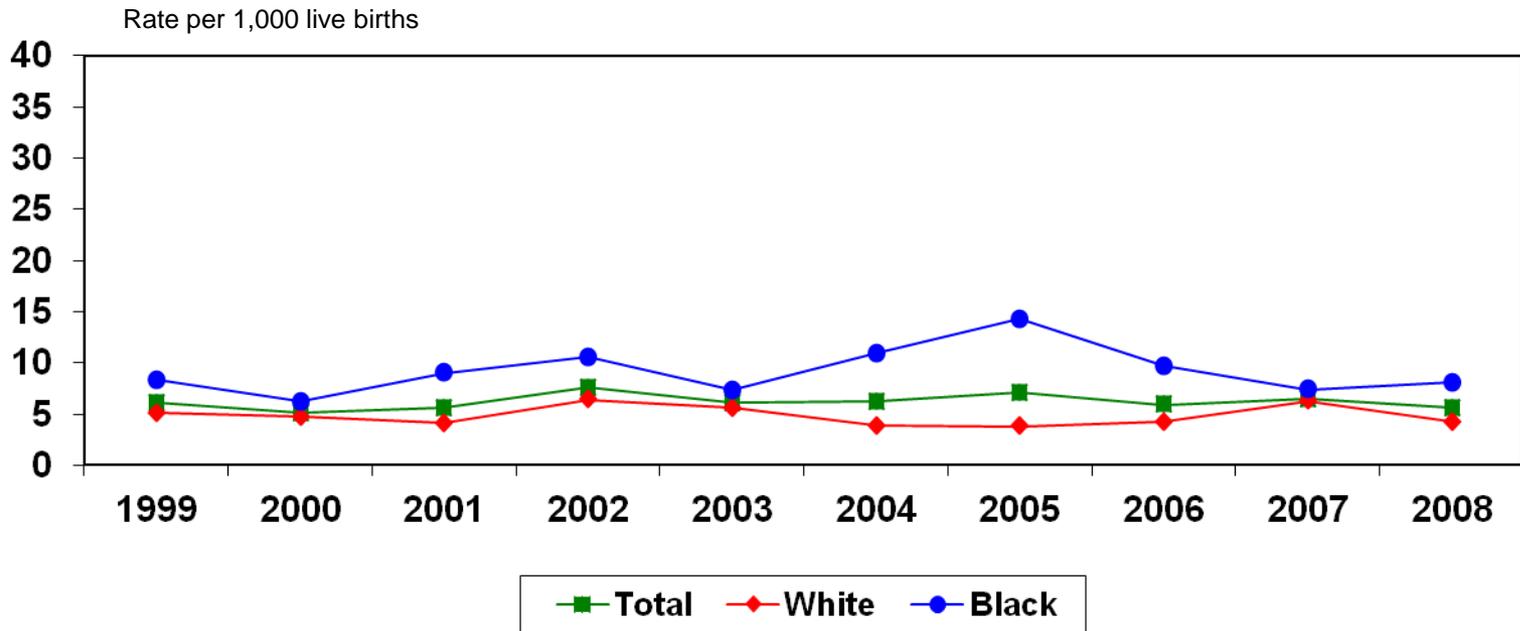
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------|------|-------|------|-------|-------|------|-------|------|------|
| Total | 3.2* | 5.7* | 4.2* | 3.7* | 5.3* | 4.3* | 4.3* | 6.2 | 2.0* | 4.7* |
| White | 2.4* | 5.6* | 3.5* | 3.6* | 4.7* | 3.7* | 4.3* | 5.8* | 1.5* | 4.2* |
| Black | 14.2* | 4.7* | 10.8* | 5.0* | 15.2* | 13.8* | 4.7* | 12.0* | 8.0* | 7.6* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Neonatal Mortality Rates by Race

Lake County Residents, 1999-2008

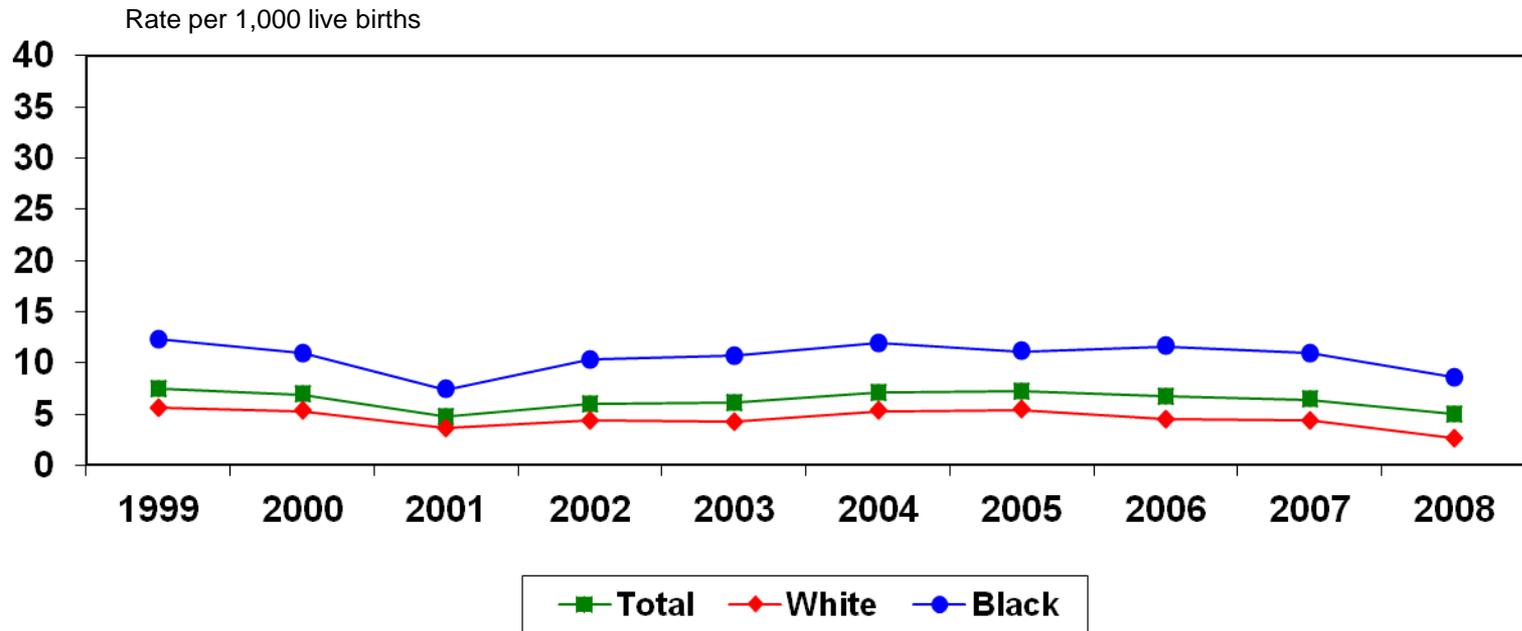


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 6.1 | 5.1 | 5.6 | 7.6 | 6.1 | 6.2 | 7.1 | 5.9 | 6.5 | 5.6 |
| White | 5.1 | 4.7 | 4.1* | 6.4 | 5.6 | 3.9* | 3.8* | 4.2* | 6.3 | 4.2* |
| Black | 8.3* | 6.2* | 9.0 | 10.6 | 7.3* | 10.9 | 14.3 | 9.7 | 7.4* | 8.1* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

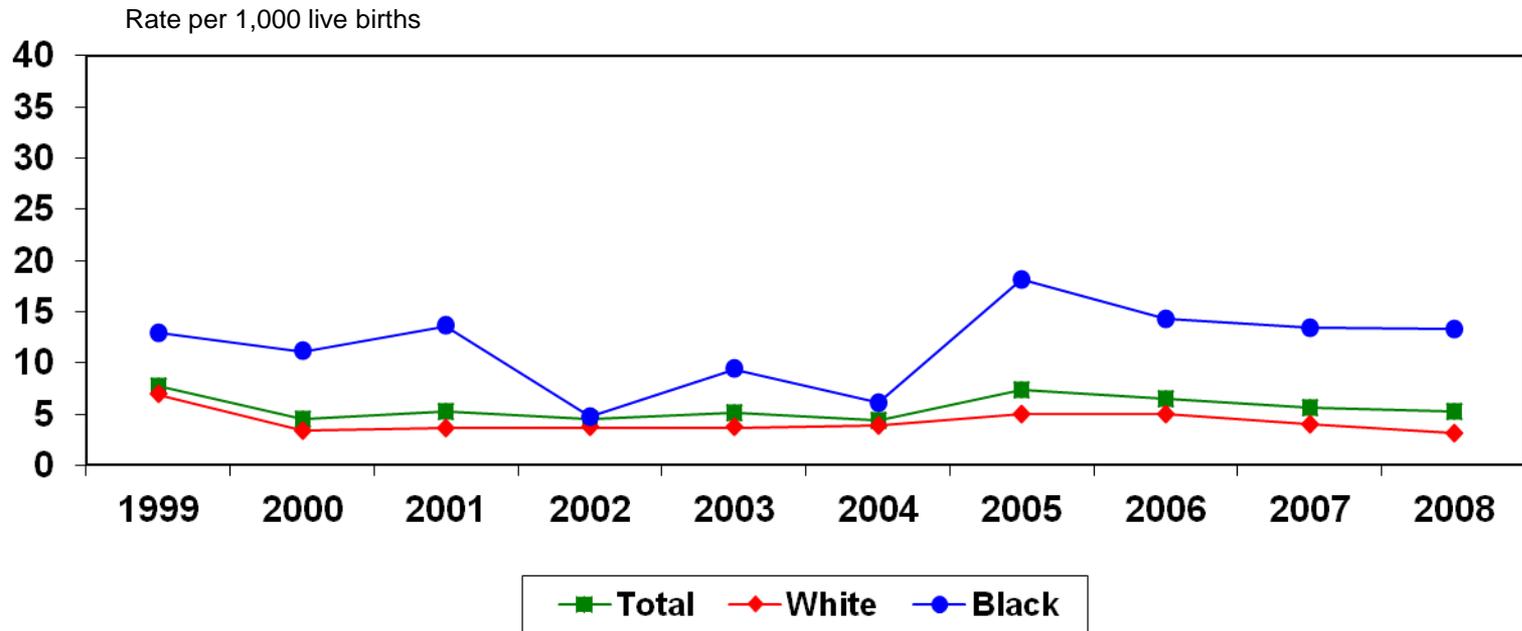
Neonatal Mortality Rates by Race Marion County Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 7.5 | 6.9 | 4.7 | 6.0 | 6.1 | 7.1 | 7.2 | 6.7 | 6.4 | 5.0 |
| White | 5.6 | 5.3 | 3.6 | 4.4 | 4.2 | 5.3 | 5.4 | 4.5 | 4.4 | 2.6 |
| Black | 12.3 | 10.9 | 7.4 | 10.3 | 10.7 | 11.9 | 11.1 | 11.6 | 10.9 | 8.6 |

Neonatal Mortality Rates by Race

St. Joseph County Residents, 1999-2008



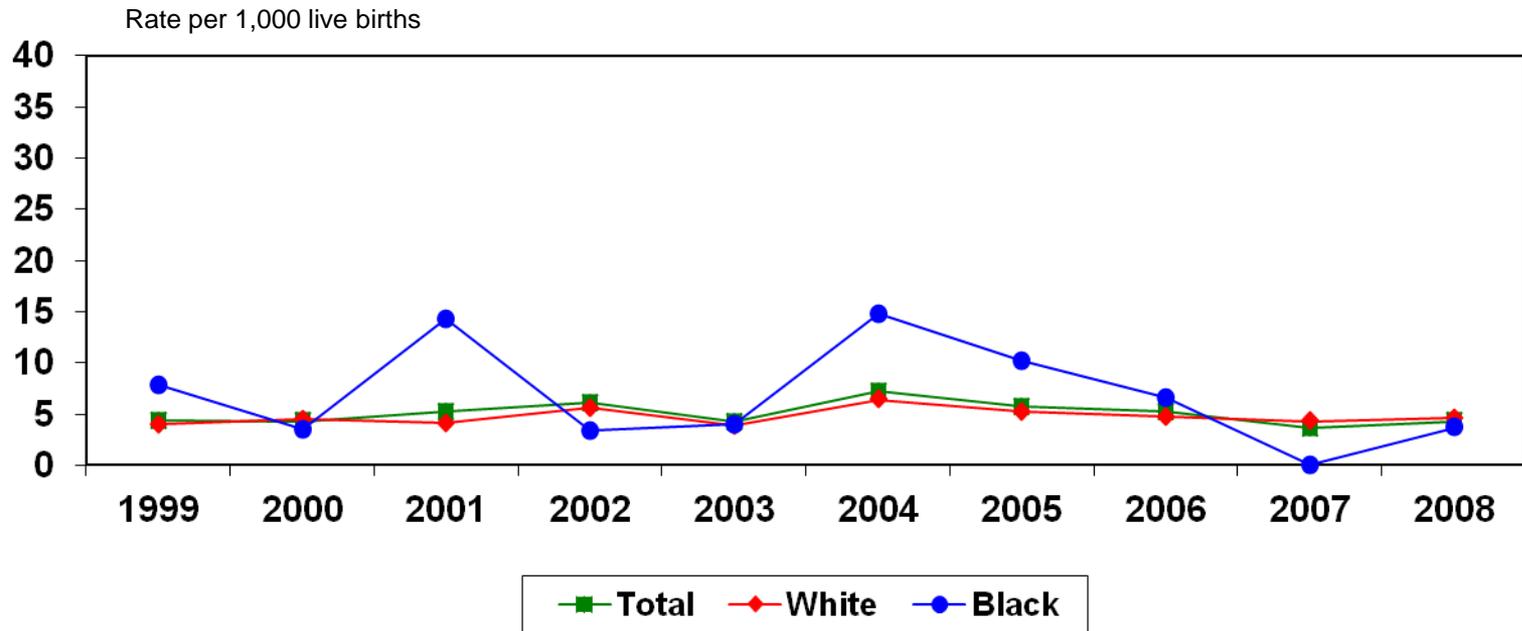
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------|-------|-------|------|------|------|-------|-------|-------|-------|
| Total | 7.7 | 4.5* | 5.2 | 4.5* | 5.1* | 4.4* | 7.3 | 6.5 | 5.6 | 5.2 |
| White | 6.9 | 3.4* | 3.6* | 3.7* | 3.7* | 3.9* | 5.0* | 5.0* | 4.0* | 3.1* |
| Black | 12.9* | 11.1* | 13.6* | 4.7* | 9.4* | 6.1* | 18.1* | 14.3* | 13.4* | 13.3* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Neonatal Mortality Rates by Race

Vanderburgh County Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|-------|------|------|-------|-------|------|------|------|
| Total | 4.4* | 4.3* | 5.2* | 6.1* | 4.2* | 7.2* | 5.7* | 5.2* | 3.6* | 4.3* |
| White | 4.0* | 4.5* | 4.1* | 5.6* | 3.9* | 6.4* | 5.2* | 4.7* | 4.3* | 4.6* |
| Black | 7.8* | 3.5* | 14.3* | 3.4* | 4.0* | 14.8* | 10.2* | 6.6* | 0.0* | 3.7* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

**Neonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1999-2008**

| | 1999 | | 2000 | | 2001 | | 2002 | | 2003 | | 2004 | | 2005 | | 2006 | | 2007 | | 2008 | |
|-------------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| | Number | Rate |
| INDIANA | 441 | 5.2 | 454 | 5.2 | 414 | 4.8 | 441 | 5.2 | 417 | 4.8 | 472 | 5.4 | 475 | 5.5 | 433 | 4.8 | 428 | 4.8 | 387 | 4.4 |
| White | 335 | 4.5 | 358 | 4.7 | 330 | 4.4 | 329 | 4.4 | 309 | 4.1 | 354 | 4.7 | 343 | 4.5 | 296 | 3.8 | 313 | 4.1 | 258 | 3.5 |
| Black | 99 | 10.7 | 88 | 9.3 | 79 | 8.3 | 91 | 9.8 | 98 | 10.6 | 105 | 11.0 | 123 | 12.5 | 126 | 12.1 | 105 | 10.2 | 98 | 9.3 |
| Ratio | | 2.4 | | 2.0 | | 1.9 | | 2.2 | | 2.6 | | 2.3 | | 2.8 | | 3.2 | | 2.5 | | 2.7 |
| ALL RACES | 224 | 6.3 | 204 | 5.6 | 174 | 4.8 | 202 | 5.7 | 205 | 5.7 | 228 | 6.2 | 239 | 6.5 | 238 | 6.3 | 208 | 5.6 | 196 | 5.3 |
| Allen | 24 | 4.7 | 20 | 3.8 | 22 | 4.1 | 21 | 4.1 | 28 | 5.4 | 31 | 5.8 | 28 | 5.3 | 32 | 5.8 | 29 | 5.3 | 37 | 6.7 |
| Elkhart | 10 | 3.2 | 19 | 5.7 | 13 | 4.2 | 11 | 3.7 | 17 | 5.3 | 14 | 4.3 | 15 | 4.3 | 22 | 6.2 | 7 | 2.0 | 16 | 4.7 |
| Lake | 43 | 6.1 | 36 | 5.1 | 39 | 5.6 | 52 | 7.6 | 42 | 6.1 | 43 | 6.2 | 49 | 7.1 | 41 | 5.9 | 44 | 6.5 | 37 | 5.6 |
| Marion | 107 | 7.5 | 101 | 6.9 | 68 | 4.7 | 87 | 6.0 | 89 | 6.1 | 106 | 7.1 | 105 | 7.2 | 104 | 6.7 | 98 | 6.4 | 76 | 5.0 |
| St. Joseph | 30 | 7.7 | 18 | 4.5 | 20 | 5.2 | 17 | 4.5 | 19 | 5.1 | 17 | 4.4 | 28 | 7.3 | 26 | 6.5 | 21 | 5.6 | 20 | 5.2 |
| Vanderburgh | 10 | 4.4 | 10 | 4.3 | 12 | 5.2 | 14 | 6.1 | 10 | 4.2 | 17 | 7.2 | 14 | 5.7 | 13 | 5.2 | 9 | 3.6 | 10 | 4.3 |
| WHITE | 135 | 5.0 | 123 | 4.5 | 102 | 3.8 | 116 | 4.3 | 118 | 4.3 | 131 | 4.8 | 128 | 4.7 | 124 | 4.4 | 118 | 4.3 | 90 | 3.4 |
| Allen | 18 | 4.3 | 10 | 2.3 | 18 | 4.1 | 10 | 2.3 | 16 | 3.7 | 22 | 5.0 | 16 | 3.7 | 12 | 2.7 | 18 | 4.1 | 16 | 3.9 |
| Elkhart | 7 | 2.4 | 17 | 5.6 | 10 | 3.5 | 10 | 3.6 | 14 | 4.7 | 11 | 3.7 | 14 | 4.3 | 19 | 5.8 | 5 | 1.5 | 13 | 4.2 |
| Lake | 24 | 5.1 | 22 | 4.7 | 19 | 4.1 | 29 | 6.4 | 26 | 5.6 | 18 | 3.9 | 17 | 3.8 | 19 | 4.2 | 28 | 6.3 | 17 | 4.2 |
| Marion | 56 | 5.6 | 54 | 5.3 | 36 | 3.6 | 45 | 4.4 | 43 | 4.2 | 55 | 5.3 | 55 | 5.4 | 48 | 4.5 | 46 | 4.4 | 26 | 2.6 |
| St. Joseph | 22 | 6.9 | 11 | 3.4 | 11 | 3.6 | 11 | 3.7 | 11 | 3.7 | 12 | 3.9 | 15 | 5.0 | 16 | 5.0 | 12 | 4.0 | 9 | 3.1 |
| Vanderburgh | 8 | 4.0 | 9 | 4.5 | 8 | 4.1 | 11 | 5.6 | 8 | 3.9 | 13 | 6.4 | 11 | 5.2 | 10 | 4.7 | 9 | 4.3 | 9 | 4.6 |
| BLACK | 85 | 10.6 | 76 | 9.3 | 69 | 8.4 | 76 | 9.5 | 80 | 9.9 | 92 | 11.2 | 105 | 12.6 | 109 | 12.3 | 85 | 9.8 | 86 | 9.7 |
| Allen | 5 | 6.9 | 9 | 12.1 | 4 | 4.9 | 7 | 9.9 | 11 | 15.0 | 8 | 10.4 | 10 | 13.0 | 20 | 23.0 | 10 | 11.3 | 17 | 18.4 |
| Elkhart | 3 | 14.2 | 1 | 4.7 | 2 | 10.8 | 1 | 5.0 | 3 | 15.2 | 3 | 13.8 | 1 | 4.7 | 3 | 12.0 | 2 | 8.0 | 2 | 7.6 |
| Lake | 19 | 8.3 | 14 | 6.2 | 20 | 9.0 | 23 | 10.6 | 16 | 7.3 | 24 | 10.9 | 32 | 14.3 | 22 | 9.7 | 16 | 7.4 | 18 | 8.1 |
| Marion | 48 | 12.3 | 44 | 10.9 | 30 | 7.4 | 41 | 10.3 | 43 | 10.7 | 49 | 11.9 | 46 | 11.1 | 52 | 11.6 | 48 | 10.9 | 38 | 8.6 |
| St. Joseph | 8 | 12.9 | 7 | 11.1 | 9 | 13.6 | 3 | 4.7 | 6 | 9.4 | 4 | 6.1 | 13 | 18.1 | 10 | 14.3 | 9 | 13.4 | 10 | 13.3 |
| Vanderburgh | 2 | 7.8 | 1 | 3.5 | 4 | 14.3 | 1 | 3.4 | 1 | 4.0 | 4 | 14.8 | 3 | 10.2 | 2 | 6.6 | 0 | 0.0 | 1 | 3.7 |
| RATIO | | | | | | | | | | | | | | | | | | | | |
| Allen | | 1.6 | | 5.2 | | 1.2 | | 4.3 | | 4.1 | | 2.1 | | 3.5 | | 8.5 | | 2.8 | | 4.7 |
| Elkhart | | 5.9 | | 0.8 | | 3.1 | | 1.4 | | 3.2 | | 3.7 | | 1.1 | | 2.1 | | 5.3 | | 1.8 |
| Lake | | 1.6 | | 1.3 | | 2.2 | | 1.7 | | 1.3 | | 2.8 | | 3.8 | | 2.3 | | 1.2 | | 1.9 |
| Marion | | 2.2 | | 2.1 | | 2.1 | | 2.3 | | 2.5 | | 2.2 | | 2.1 | | 2.6 | | 2.5 | | 3.3 |
| St. Joseph | | 1.9 | | 3.3 | | 3.8 | | 1.3 | | 2.5 | | 1.6 | | 3.6 | | 2.9 | | 3.4 | | 4.3 |
| Vanderburgh | | 2.0 | | 0.8 | | 3.5 | | 0.6 | | 1.0 | | 2.3 | | 2.0 | | 1.4 | | 0.0 | | 0.8 |

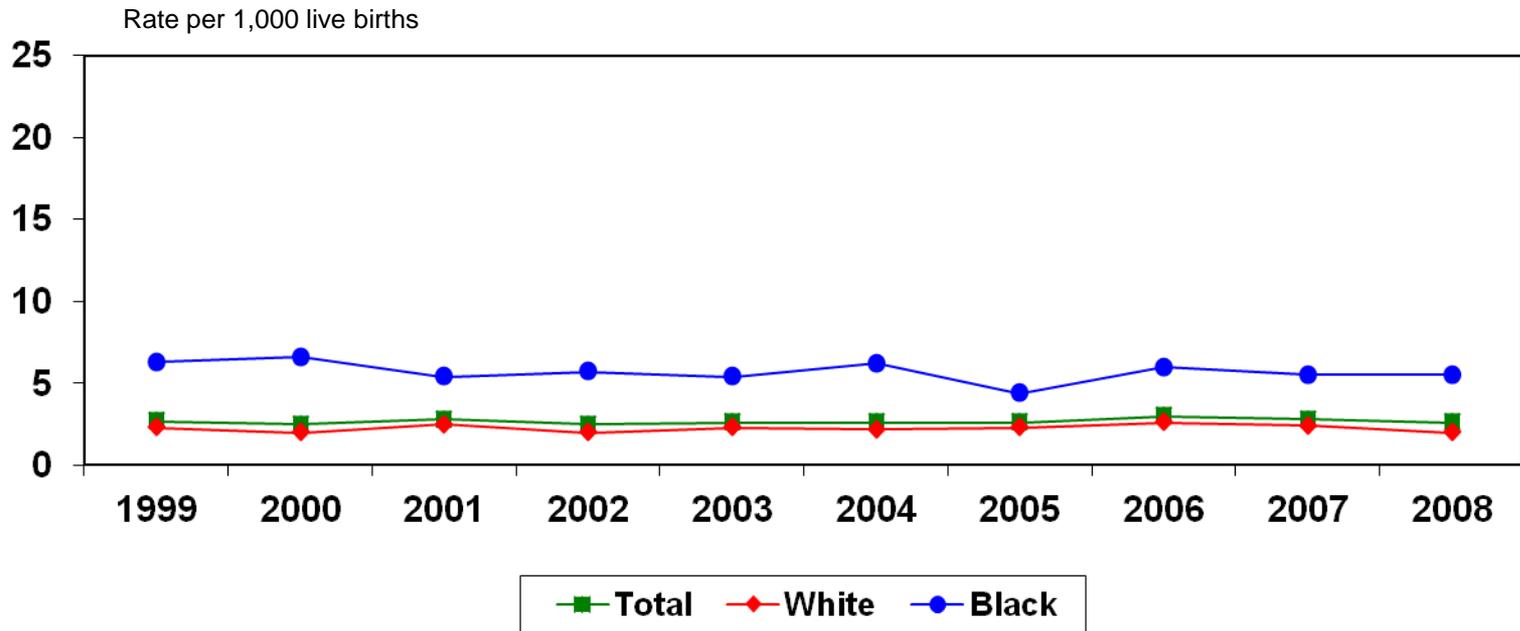
Rate per 1,000 live births.

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.

In this table, corrections were made to the rates for the six-county totals for 2000-2008.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates by Race Indiana Residents, 1999-2008

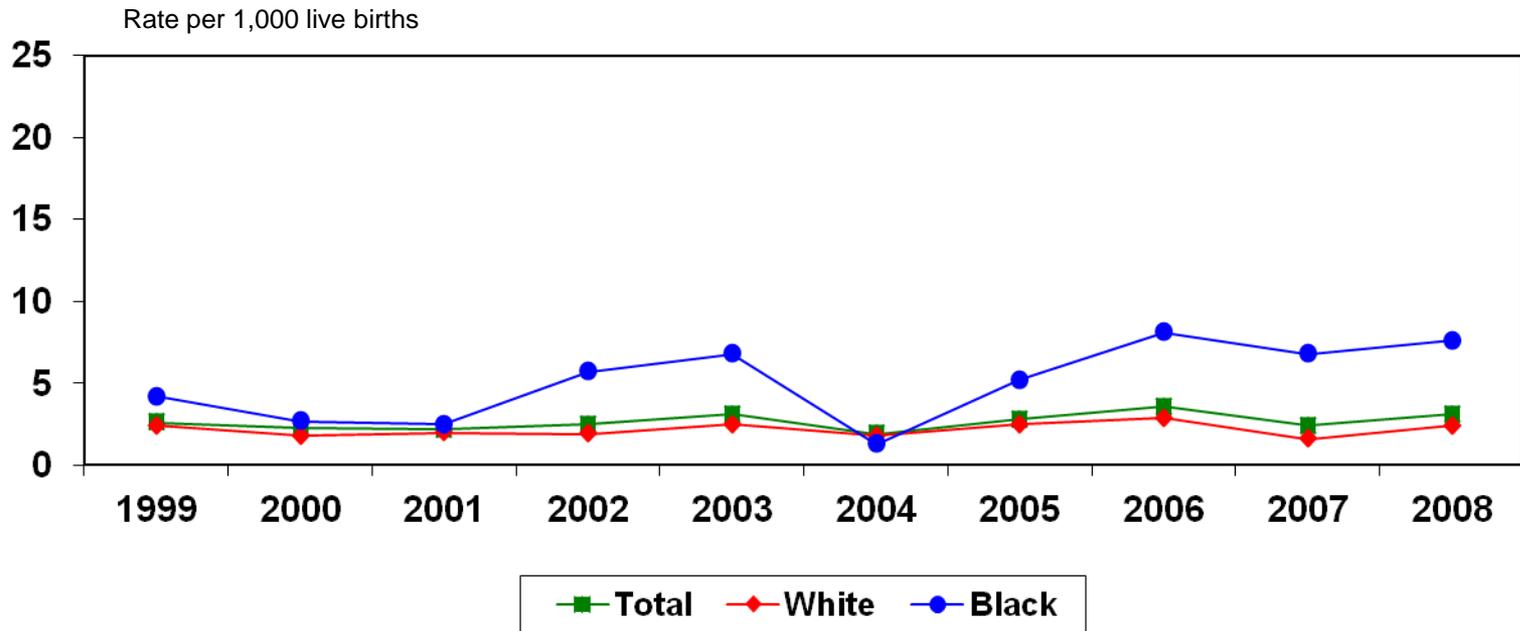


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 2.7 | 2.5 | 2.8 | 2.5 | 2.6 | 2.6 | 2.6 | 3.0 | 2.8 | 2.6 |
| White | 2.3 | 2.0 | 2.5 | 2.0 | 2.3 | 2.2 | 2.3 | 2.6 | 2.4 | 2.0 |
| Black | 6.3 | 6.6 | 5.4 | 5.7 | 5.4 | 6.2 | 4.4 | 6.0 | 5.5 | 5.5 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates by Race

Allen County Residents, 1999-2008

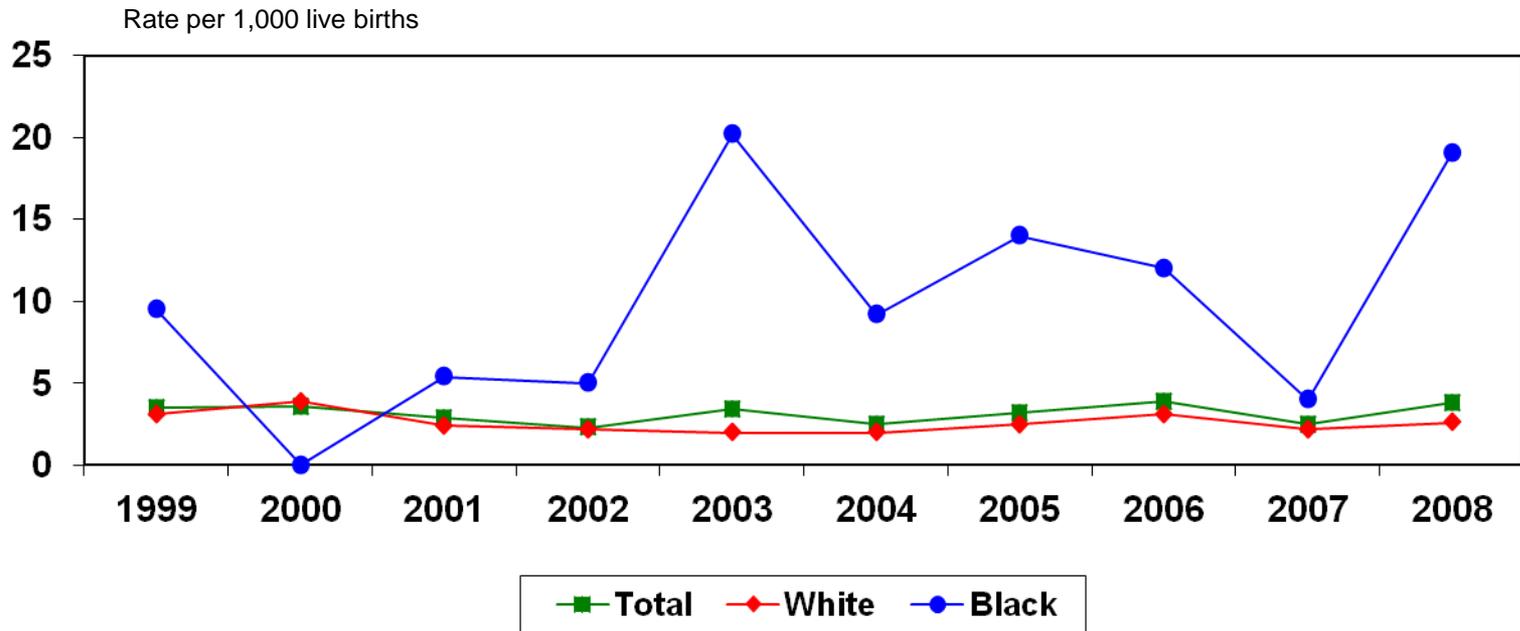


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 2.6* | 2.3* | 2.2* | 2.5* | 3.1* | 1.9* | 2.8* | 3.6 | 2.4* | 3.1* |
| White | 2.4* | 1.8* | 2.0* | 1.8* | 2.5* | 1.8* | 2.5* | 2.9* | 1.6* | 2.4* |
| Black | 4.2* | 2.7* | 2.5* | 5.7* | 6.8* | 1.3* | 5.2* | 8.1* | 6.8* | 7.6* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates by Race Elkhart County Residents, 1999-2008

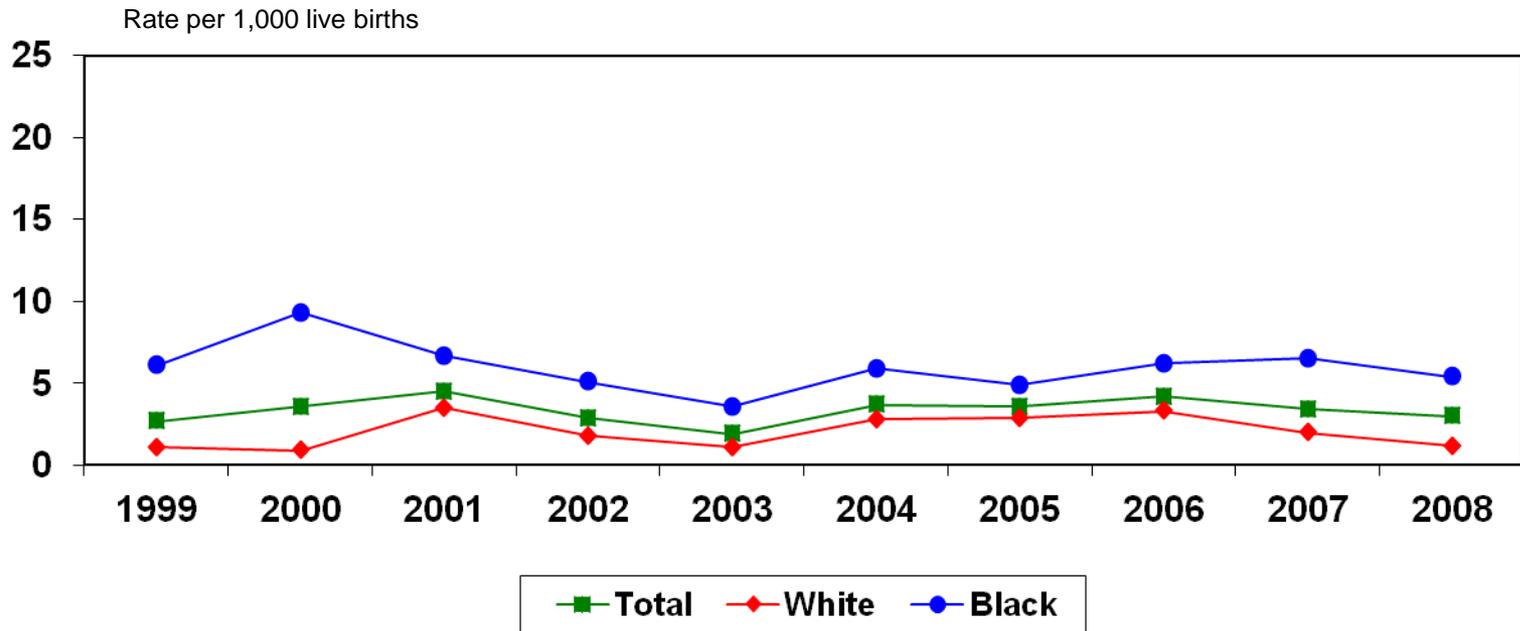


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|-------|------|-------|-------|------|-------|
| Total | 3.5* | 3.6* | 2.9* | 2.3* | 3.4* | 2.5* | 3.2* | 3.9* | 2.5* | 3.8* |
| White | 3.1* | 3.9* | 2.4* | 2.2* | 2.0* | 2.0* | 2.5* | 3.1* | 2.2* | 2.6* |
| Black | 9.5* | 0.0* | 5.4* | 5.0* | 20.2* | 9.2* | 14.0* | 12.0* | 4.0* | 19.1* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates by Race Lake County Residents, 1999-2008

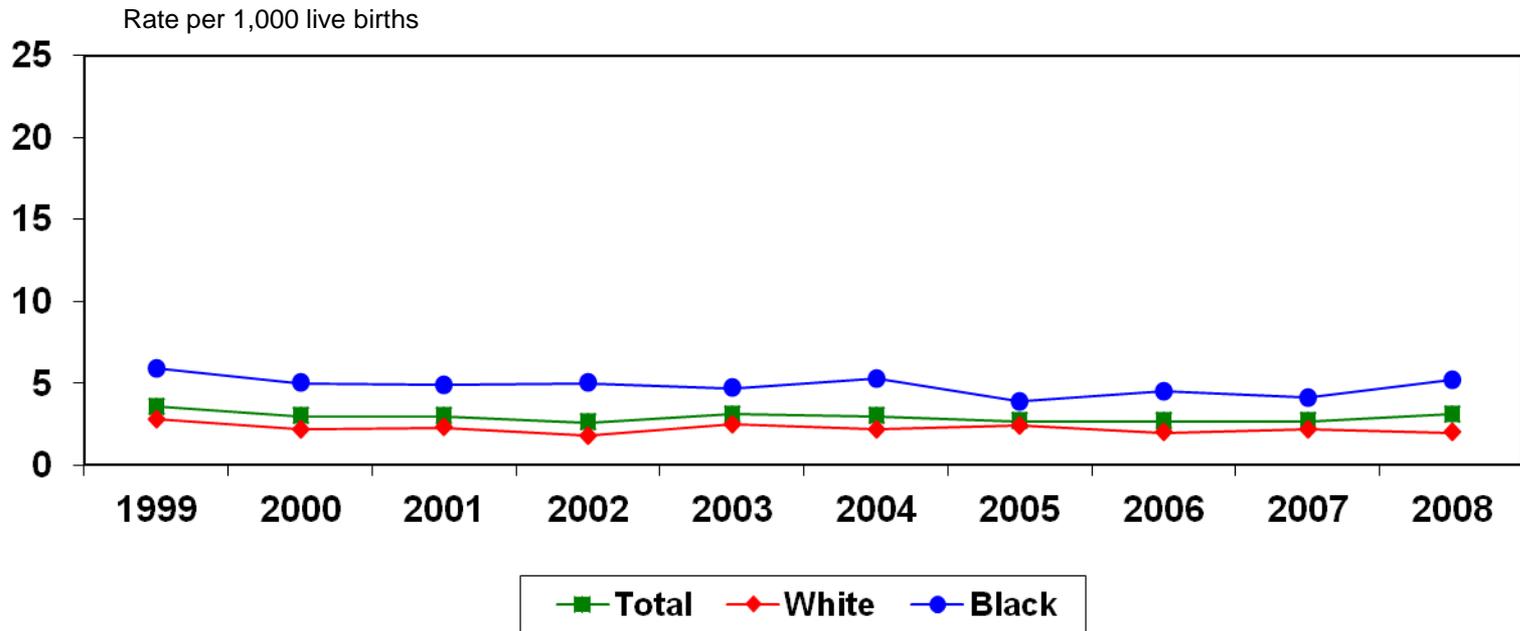


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 2.7* | 3.6 | 4.5 | 2.9 | 1.9* | 3.7 | 3.6 | 4.2 | 3.4 | 3.0 |
| White | 1.1* | 0.9* | 3.5* | 1.8* | 1.1* | 2.8* | 2.9* | 3.3* | 2.0* | 1.2* |
| Black | 6.1* | 9.3 | 6.7* | 5.1* | 3.6* | 5.9* | 4.9* | 6.2* | 6.5* | 5.4* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates by Race Marion County Residents, 1999-2008



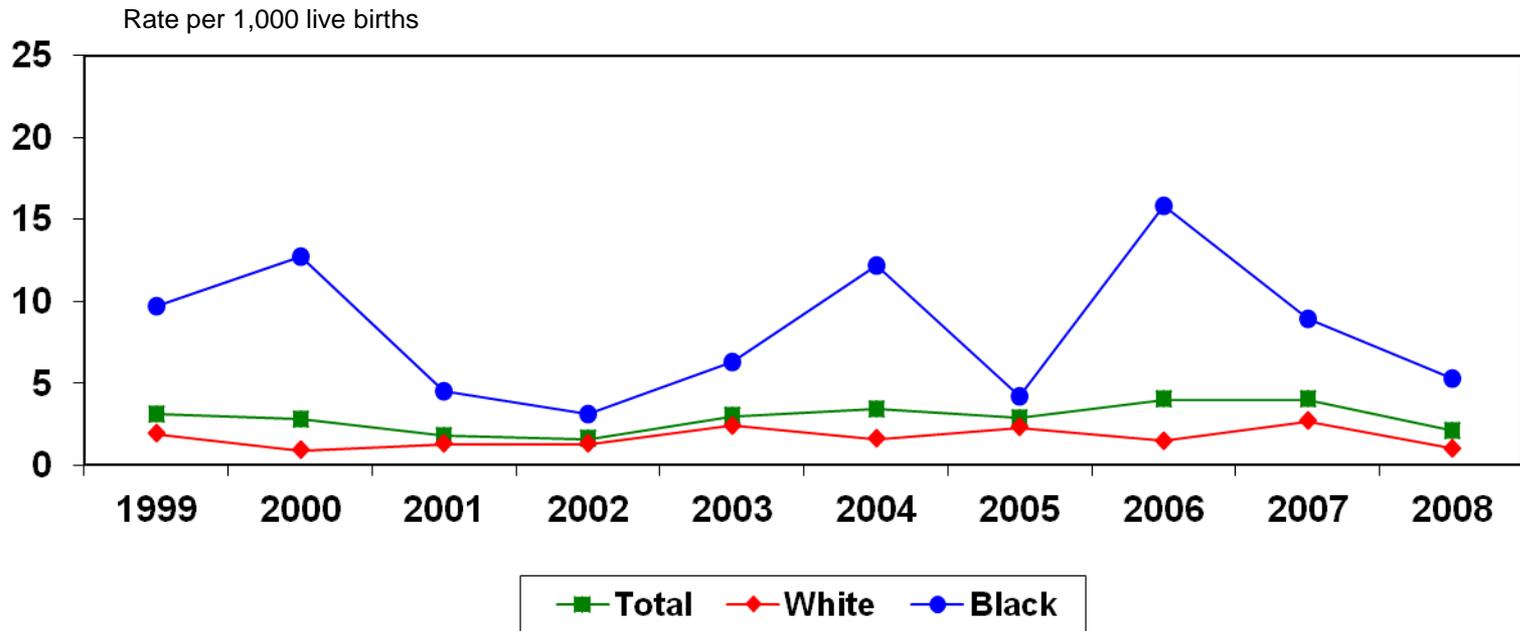
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 3.6 | 3.0 | 3.0 | 2.6 | 3.1 | 3.0 | 2.7 | 2.7 | 2.7 | 3.1 |
| White | 2.8 | 2.2 | 2.3 | 1.8* | 2.5 | 2.2 | 2.4 | 2.0 | 2.2 | 2.0 |
| Black | 5.9 | 5.0 | 4.9 | 5.0 | 4.7* | 5.3 | 3.9* | 4.5 | 4.1* | 5.2 |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates by Race

St. Joseph County Residents, 1999-2008

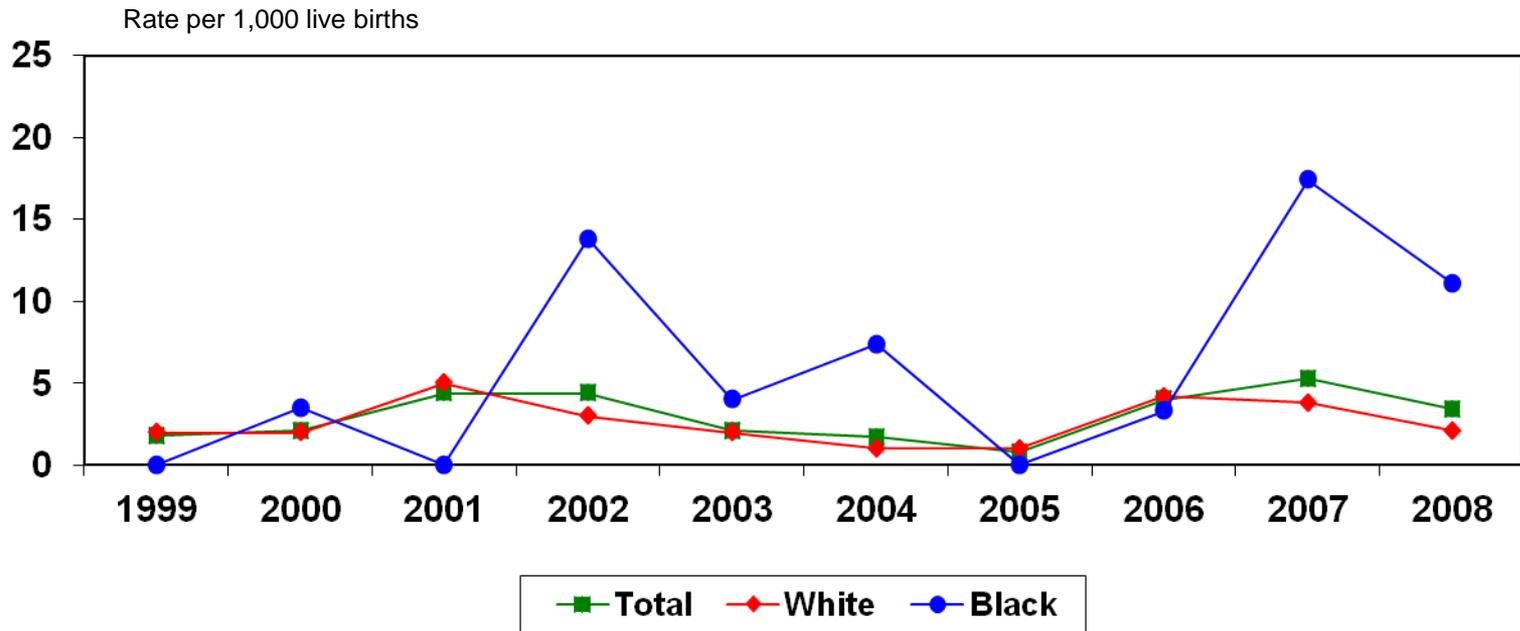


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|-------|------|------|------|-------|------|-------|------|------|
| Total | 3.1* | 2.8* | 1.8* | 1.6* | 3.0* | 3.4* | 2.9* | 4.0* | 4.0* | 2.1* |
| White | 1.9* | 0.9* | 1.3* | 1.3* | 2.4* | 1.6* | 2.3* | 1.5* | 2.7* | 1.0* |
| Black | 9.7* | 12.7* | 4.5* | 3.1* | 6.3* | 12.2* | 4.2* | 15.8* | 8.9* | 5.3* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates by Race Vanderburgh County Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|-------|------|------|------|------|-------|-------|
| Total | 1.8* | 2.1* | 4.4* | 4.4* | 2.1* | 1.7* | 0.8* | 4.0* | 5.3* | 3.4* |
| White | 2.0* | 2.0* | 5.1* | 3.0* | 2.0* | 1.0* | 1.0* | 4.2* | 3.8* | 2.1* |
| Black | 0.0* | 3.5* | 0.0* | 13.7* | 4.0* | 7.4* | 0.0* | 3.3* | 17.4* | 11.1* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

**Postneonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1999-2008**

| | 1999 | | 2000 | | 2001 | | 2002 | | 2003 | | 2004 | | 2005 | | 2006 | | 2007 | | 2008 | |
|-------------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| | Number | Rate |
| INDIANA | 230 | 2.7 | 222 | 2.5 | 238 | 2.8 | 208 | 2.5 | 224 | 2.6 | 230 | 2.6 | 224 | 2.6 | 269 | 3.0 | 249 | 2.8 | 229 | 2.6 |
| White | 171 | 2.3 | 153 | 2.0 | 184 | 2.5 | 150 | 2.0 | 170 | 2.3 | 168 | 2.2 | 176 | 2.3 | 199 | 2.6 | 186 | 2.4 | 151 | 2.0 |
| Black | 58 | 6.3 | 62 | 6.6 | 51 | 5.4 | 53 | 5.7 | 50 | 5.4 | 59 | 6.2 | 43 | 4.4 | 62 | 6.0 | 57 | 5.5 | 58 | 5.5 |
| Ratio | | 2.7 | | 3.3 | | 2.2 | | 2.9 | | 2.3 | | 2.8 | | 1.9 | | 2.3 | | 2.3 | | 2.8 |
| ALL RACES | 110 | 3.1 | 109 | 3.0 | 112 | 3.1 | 94 | 2.6 | 102 | 2.8 | 106 | 2.9 | 104 | 2.8 | 131 | 3.4 | 115 | 3.1 | 114 | 3.1 |
| Allen | 13 | 2.6 | 12 | 2.3 | 12 | 2.2 | 13 | 2.5 | 16 | 3.1 | 10 | 1.9 | 15 | 2.8 | 20 | 3.6 | 13 | 2.4 | 17 | 3.1 |
| Elkhart | 11 | 3.5 | 12 | 3.6 | 9 | 2.9 | 7 | 2.3 | 11 | 3.4 | 8 | 2.5 | 11 | 3.2 | 14 | 3.9 | 9 | 2.5 | 13 | 3.8 |
| Lake | 19 | 2.7 | 25 | 3.6 | 31 | 4.5 | 20 | 2.9 | 13 | 1.9 | 26 | 3.7 | 25 | 3.6 | 29 | 4.2 | 23 | 3.4 | 20 | 3.0 |
| Marion | 51 | 3.6 | 44 | 3.0 | 43 | 3.0 | 38 | 2.6 | 46 | 3.1 | 45 | 3.0 | 40 | 2.7 | 42 | 2.7 | 42 | 2.7 | 48 | 3.1 |
| St. Joseph | 12 | 3.1 | 11 | 2.8 | 7 | 1.8 | 6 | 1.6 | 11 | 3.0 | 13 | 3.4 | 11 | 2.9 | 16 | 4.0 | 15 | 4.0 | 8 | 2.1 |
| Vanderburgh | 4 | 1.8 | 5 | 2.1 | 10 | 4.4 | 10 | 4.4 | 5 | 2.1 | 4 | 1.7 | 2 | 0.8 | 10 | 4.0 | 13 | 5.3 | 8 | 3.4 |
| WHITE | 62 | 2.3 | 53 | 1.9 | 69 | 2.6 | 50 | 1.9 | 59 | 2.2 | 57 | 2.1 | 65 | 2.4 | 73 | 2.6 | 62 | 2.2 | 50 | 1.9 |
| Allen | 10 | 2.4 | 8 | 1.8 | 9 | 2.0 | 8 | 1.8 | 11 | 2.5 | 8 | 1.8 | 11 | 2.5 | 13 | 2.9 | 7 | 1.6 | 10 | 2.4 |
| Elkhart | 9 | 3.1 | 12 | 3.9 | 7 | 2.4 | 6 | 2.2 | 6 | 2.0 | 6 | 2.0 | 8 | 2.5 | 10 | 3.1 | 7 | 2.2 | 8 | 2.6 |
| Lake | 5 | 1.1 | 4 | 0.9 | 16 | 3.5 | 8 | 1.8 | 5 | 1.1 | 13 | 2.8 | 13 | 2.9 | 15 | 3.3 | 9 | 2.0 | 5 | 1.2 |
| Marion | 28 | 2.8 | 22 | 2.2 | 23 | 2.3 | 18 | 1.8 | 26 | 2.5 | 23 | 2.2 | 24 | 2.4 | 21 | 2.0 | 23 | 2.2 | 20 | 2.0 |
| St. Joseph | 6 | 1.9 | 3 | 0.9 | 4 | 1.3 | 4 | 1.3 | 7 | 2.4 | 5 | 1.6 | 7 | 2.3 | 5 | 1.5 | 8 | 2.7 | 3 | 1.0 |
| Vanderburgh | 4 | 2.0 | 4 | 2.0 | 10 | 5.1 | 6 | 3.0 | 4 | 2.0 | 2 | 1.0 | 2 | 1.0 | 9 | 4.2 | 8 | 3.8 | 4 | 2.1 |
| BLACK | 48 | 6.0 | 52 | 6.4 | 41 | 5.0 | 42 | 5.3 | 41 | 5.1 | 48 | 5.8 | 37 | 4.4 | 56 | 6.3 | 50 | 5.8 | 54 | 6.1 |
| Allen | 3 | 4.2 | 2 | 2.7 | 2 | 2.5 | 4 | 5.7 | 5 | 6.8 | 1 | 1.3 | 4 | 5.2 | 7 | 8.1 | 6 | 6.8 | 7 | 7.6 |
| Elkhart | 2 | 9.5 | 0 | 0.0 | 1 | 5.4 | 1 | 5.0 | 4 | 20.2 | 2 | 9.2 | 3 | 14.0 | 3 | 12.0 | 1 | 4.0 | 5 | 19.1 |
| Lake | 14 | 6.1 | 21 | 9.3 | 15 | 6.7 | 11 | 5.1 | 8 | 3.6 | 13 | 5.9 | 11 | 4.9 | 14 | 6.2 | 14 | 6.5 | 12 | 5.4 |
| Marion | 23 | 5.9 | 20 | 5.0 | 20 | 4.9 | 20 | 5.0 | 19 | 4.7 | 22 | 5.3 | 16 | 3.9 | 20 | 4.5 | 18 | 4.1 | 23 | 5.2 |
| St. Joseph | 6 | 9.7 | 8 | 12.7 | 3 | 4.5 | 2 | 3.1 | 4 | 6.3 | 8 | 12.2 | 3 | 4.2 | 11 | 15.8 | 6 | 8.9 | 4 | 5.3 |
| Vanderburgh | 0 | 0.0 | 1 | 3.5 | 0 | 0.0 | 4 | 13.7 | 1 | 4.0 | 2 | 7.4 | 0 | 0.0 | 1 | 3.3 | 5 | 17.4 | 3 | 11.1 |
| RATIO | | | | | | | | | | | | | | | | | | | | |
| Allen | | 1.8 | | 1.5 | | 1.3 | | 3.2 | | 2.7 | | 0.7 | | 2.1 | | 2.8 | | 4.3 | | 3.2 |
| Elkhart | | 3.1 | | 0.0 | | 2.3 | | 2.3 | | 10.1 | | 4.6 | | 5.6 | | 3.9 | | 1.8 | | 7.3 |
| Lake | | 5.5 | | 10.9 | | 1.9 | | 2.8 | | 3.3 | | 2.1 | | 1.7 | | 1.9 | | 3.3 | | 4.5 |
| Marion | | 2.1 | | 2.3 | | 2.1 | | 2.8 | | 1.9 | | 2.4 | | 1.6 | | 2.3 | | 1.9 | | 2.6 |
| St. Joseph | | 5.1 | | 13.7 | | 3.5 | | 2.4 | | 2.6 | | 7.6 | | 1.8 | | 10.5 | | 3.3 | | 5.3 |
| Vanderburgh | | 0.0 | | 1.8 | | 0.0 | | 4.6 | | 2.0 | | 7.4 | | 0.0 | | 0.8 | | 4.6 | | 5.3 |

Rate per 1,000 live births.

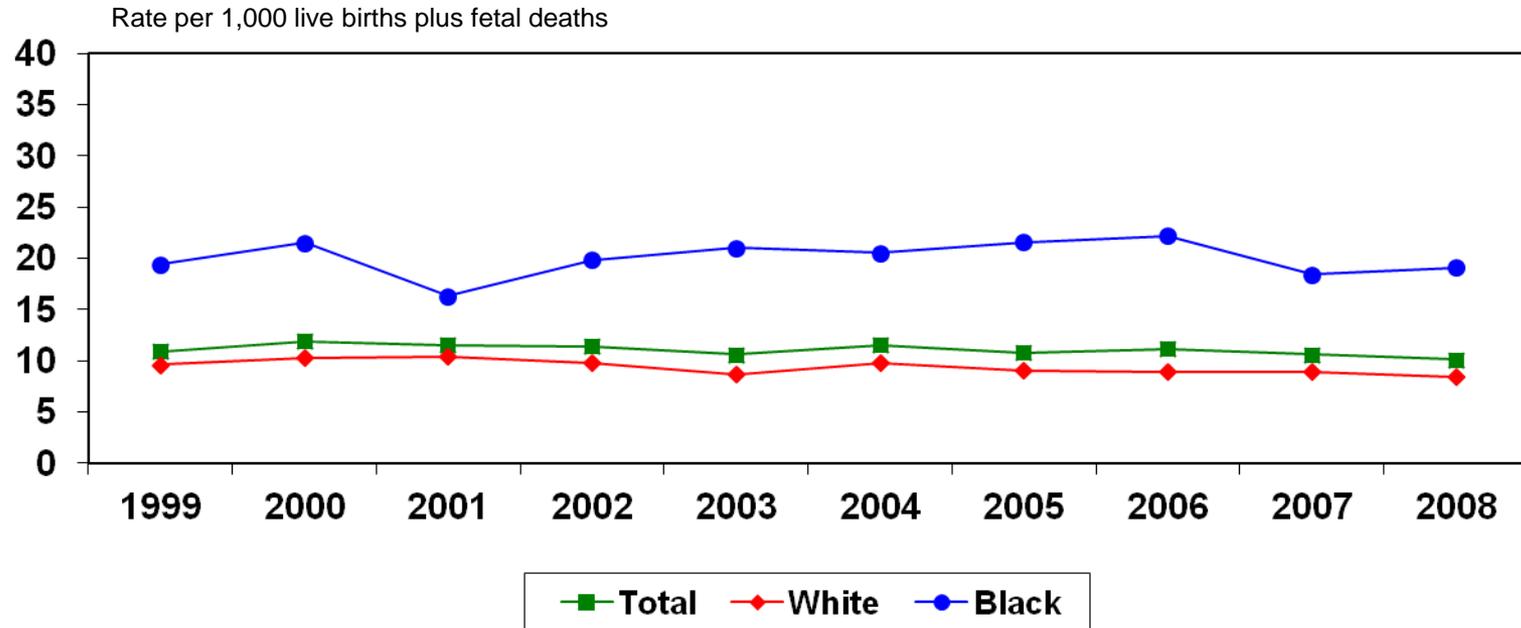
Shaded area: Numerator is less than 20, and the rate is unstable. The ratio is unstable if the numerator or denominator is less than 20.

In this table, corrections were made to the rates for the six-county totals for 2000-2008.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Perinatal Mortality Rates by Race

Indiana Residents, 1999-2008

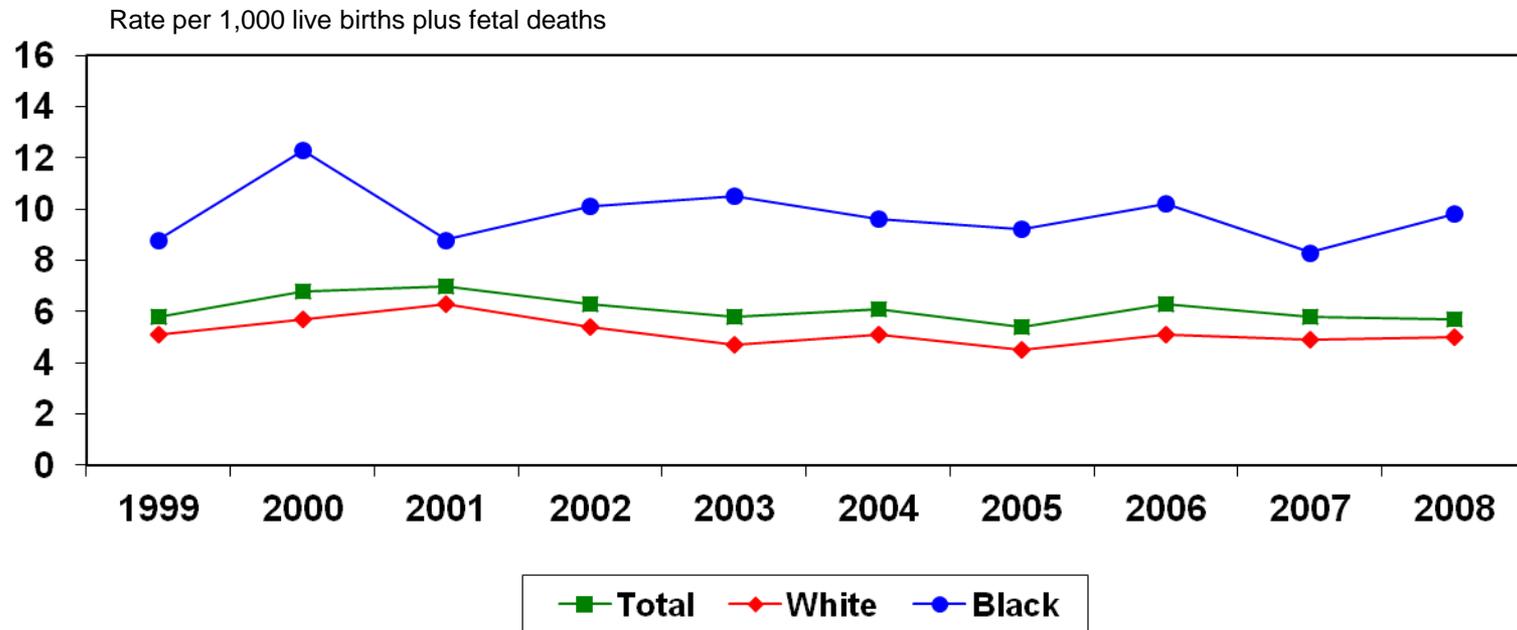


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 10.9 | 11.9 | 11.5 | 11.4 | 10.6 | 11.5 | 10.8 | 11.1 | 10.6 | 10.1 |
| White | 9.6 | 10.3 | 10.4 | 9.8 | 8.7 | 9.8 | 9.0 | 8.9 | 8.9 | 8.4 |
| Black | 19.4 | 21.5 | 16.3 | 19.8 | 21.0 | 20.5 | 21.6 | 22.2 | 18.4 | 19.1 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Fetal Mortality Rates by Race

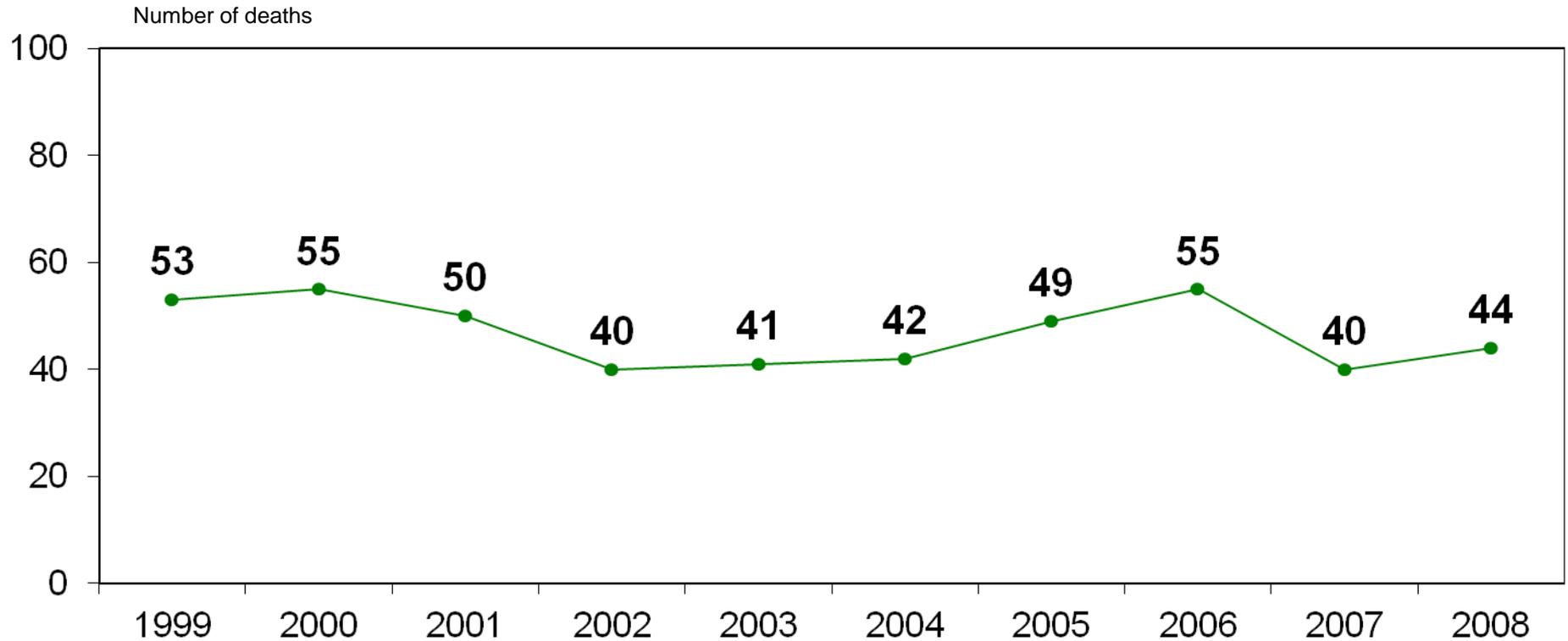
Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 5.8 | 6.8 | 7.0 | 6.3 | 5.8 | 6.1 | 5.4 | 6.3 | 5.8 | 5.7 |
| White | 5.1 | 5.7 | 6.3 | 5.4 | 4.7 | 5.1 | 4.5 | 5.1 | 4.9 | 5.0 |
| Black | 8.8 | 12.3 | 8.8 | 10.1 | 10.5 | 9.6 | 9.2 | 10.2 | 8.3 | 9.8 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

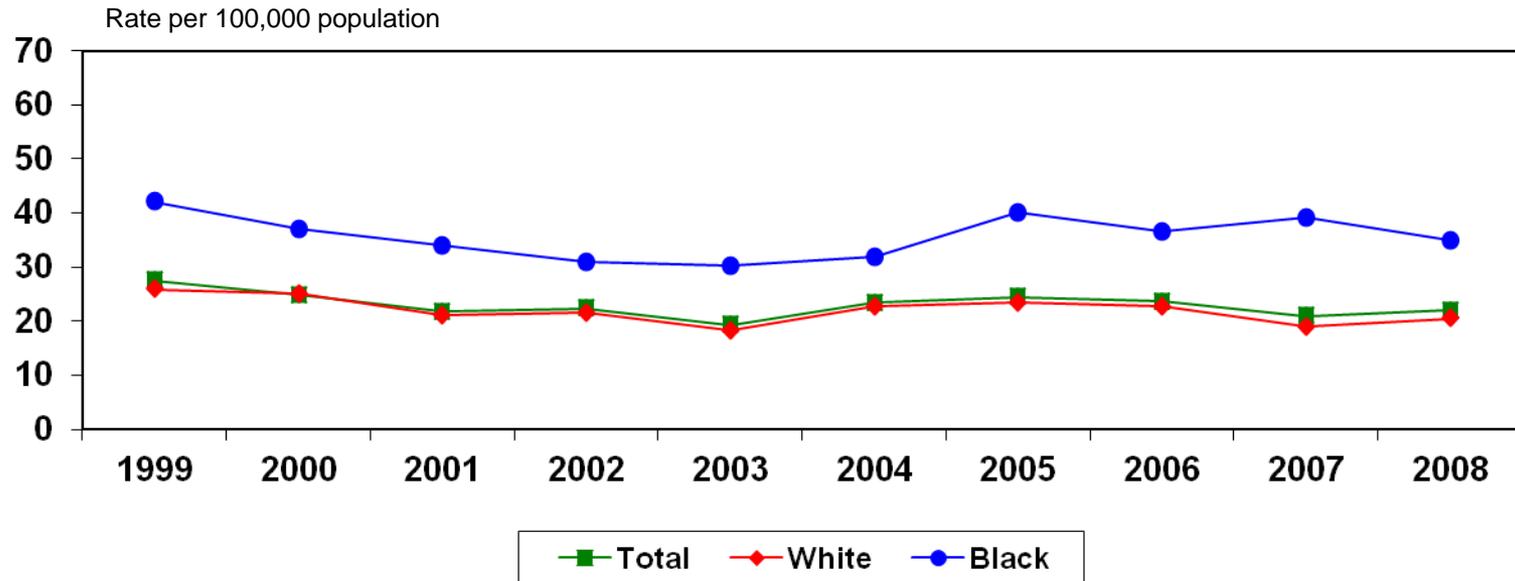
Number of SIDS* Deaths Indiana Residents, 1999-2008 All Races



*Sudden Infant Death Syndrome

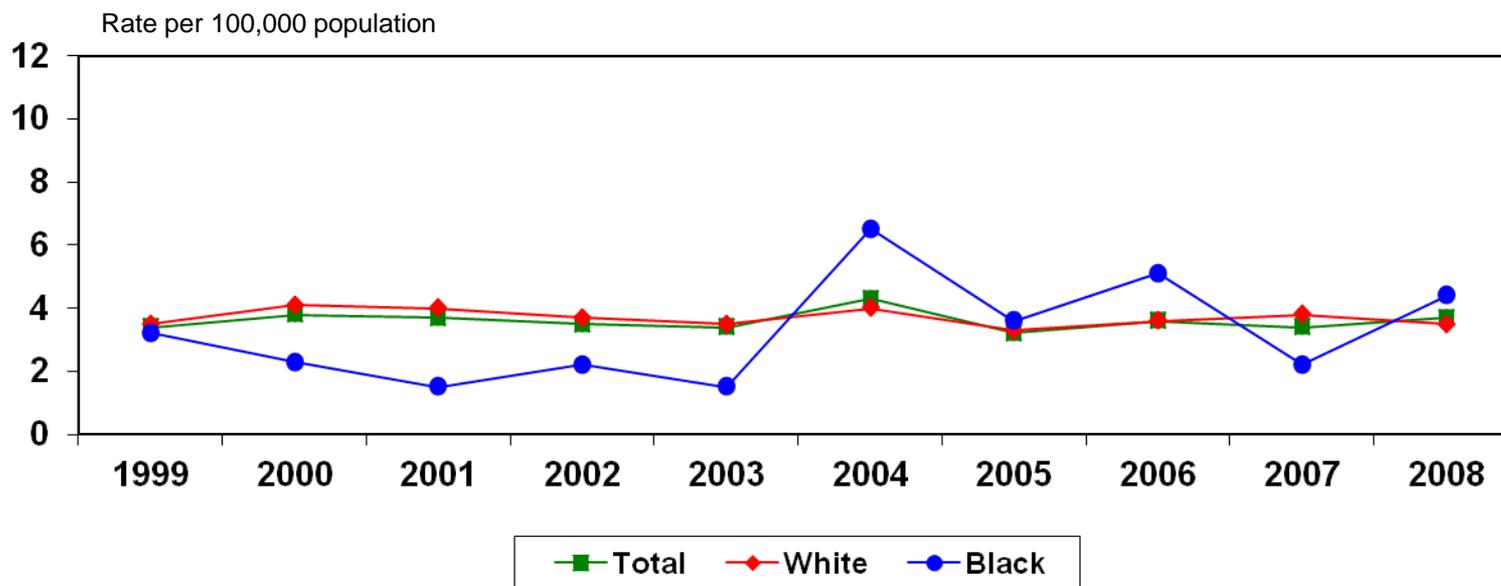
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Mortality Rates for Youths Aged 1-14 Years, by Race Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 27.5 | 24.9 | 21.8 | 22.4 | 19.3 | 23.5 | 24.5 | 23.7 | 21.0 | 22.0 |
| White | 25.9 | 25.0 | 21.1 | 21.6 | 18.3 | 22.7 | 23.5 | 22.7 | 19.0 | 20.5 |
| Black | 42.1 | 37.0 | 34.0 | 30.9 | 30.3 | 31.9 | 40.1 | 36.6 | 39.1 | 34.9 |

Motor Vehicle Injury Mortality Rates Among Youths Aged 1-14 Years, by Race Indiana Residents, 1999-2008

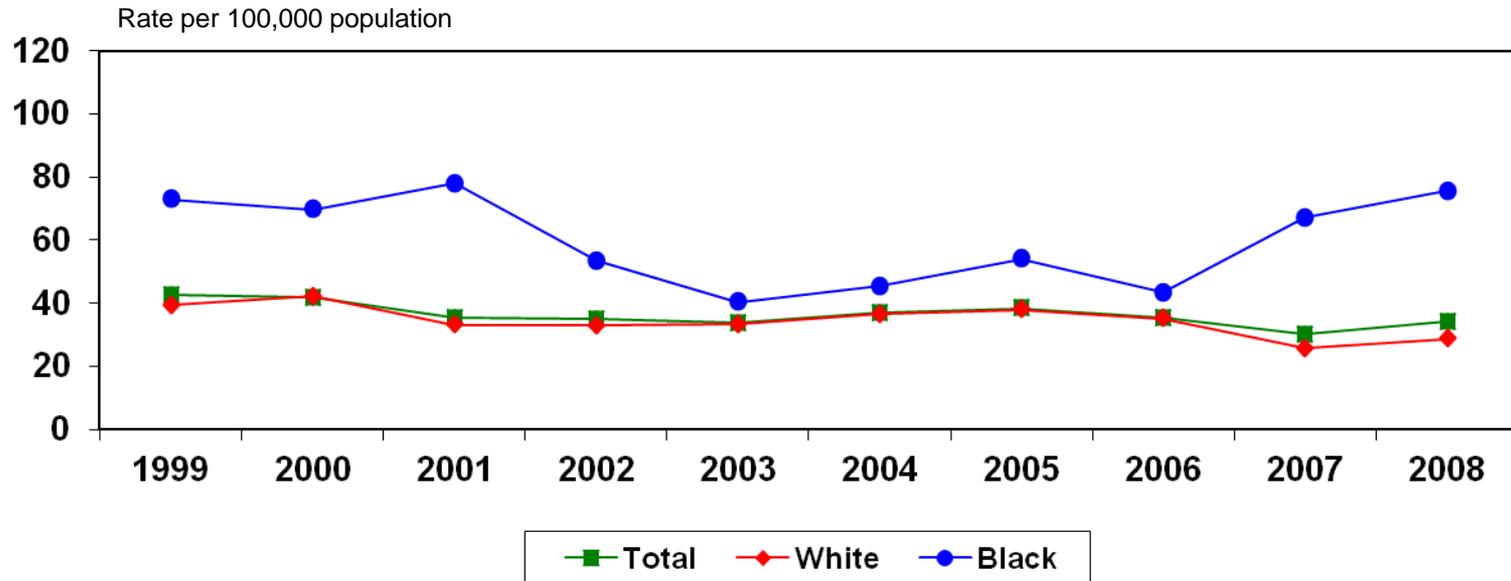


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total | 3.4 | 3.8 | 3.7 | 3.5 | 3.4 | 4.3 | 3.2 | 3.6 | 3.4 | 3.7 |
| White | 3.5 | 4.1 | 4.0 | 3.7 | 3.5 | 4.0 | 3.3 | 3.6 | 3.8 | 3.5 |
| Black | 3.2* | 2.3* | 1.5* | 2.2* | 1.5* | 6.5* | 3.6* | 5.1* | 2.2* | 4.4* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Mortality Rates for Youths Aged 1-4 Years, by Race Indiana Residents, 1999-2008

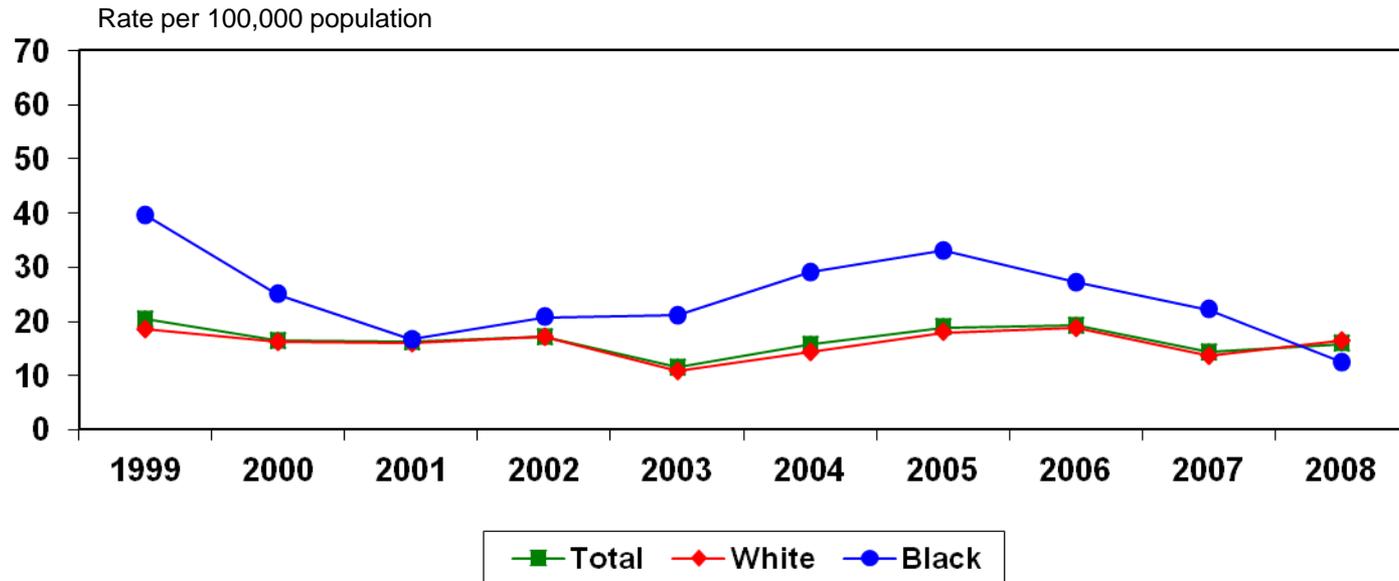


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|-------|-------|------|-------|------|------|
| Total | 42.6 | 41.9 | 35.4 | 34.9 | 33.8 | 36.9 | 38.4 | 35.4 | 30.0 | 34.2 |
| White | 39.3 | 42.1 | 33.1 | 32.8 | 33.3 | 36.6 | 38.0 | 35.1 | 25.7 | 28.7 |
| Black | 73.0 | 69.7 | 78.0 | 53.4 | 40.4* | 45.4* | 54.1 | 43.3* | 67.2 | 75.6 |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Mortality Rates for Youths Aged 5-9 Years, by Race Indiana Residents, 1999-2008

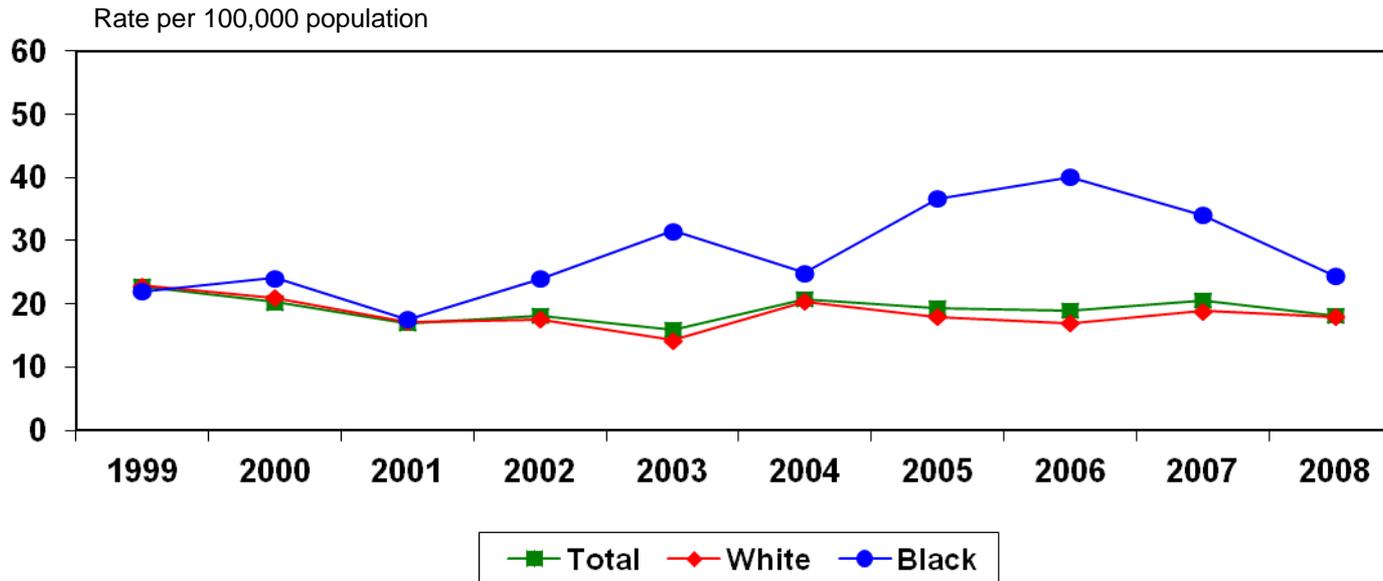


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Total | 20.5 | 16.5 | 16.2 | 17.1 | 11.6 | 15.8 | 18.9 | 19.2 | 14.3 | 15.9 |
| White | 18.5 | 16.2 | 16.0 | 17.1 | 10.9 | 14.3 | 18.0 | 18.8 | 13.7 | 16.4 |
| Black | 39.7* | 25.0* | 16.7* | 20.8* | 21.1* | 29.1* | 33.0* | 27.3* | 22.2* | 12.4* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Mortality Rates for Youths Aged 10-14 Years, by Race Indiana Residents, 1999-2008

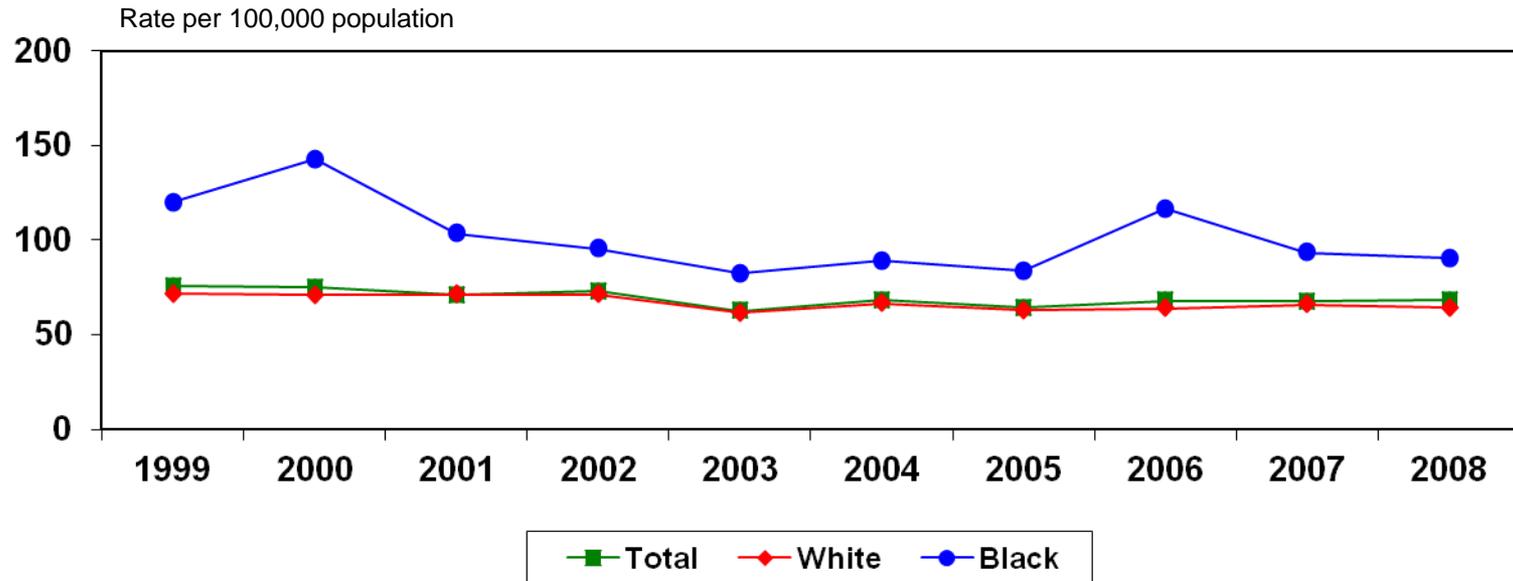


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------|
| Total | 22.8 | 20.3 | 16.9 | 18.2 | 15.9 | 20.8 | 19.4 | 19.0 | 20.6 | 18.2 |
| White | 22.9 | 21.0 | 17.2 | 17.6 | 14.2 | 20.4 | 17.9 | 17.0 | 18.9 | 17.9 |
| Black | 22.0* | 24.1* | 17.5* | 24.0* | 31.5* | 24.9* | 36.6* | 40.1 | 34.1* | 24.4* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

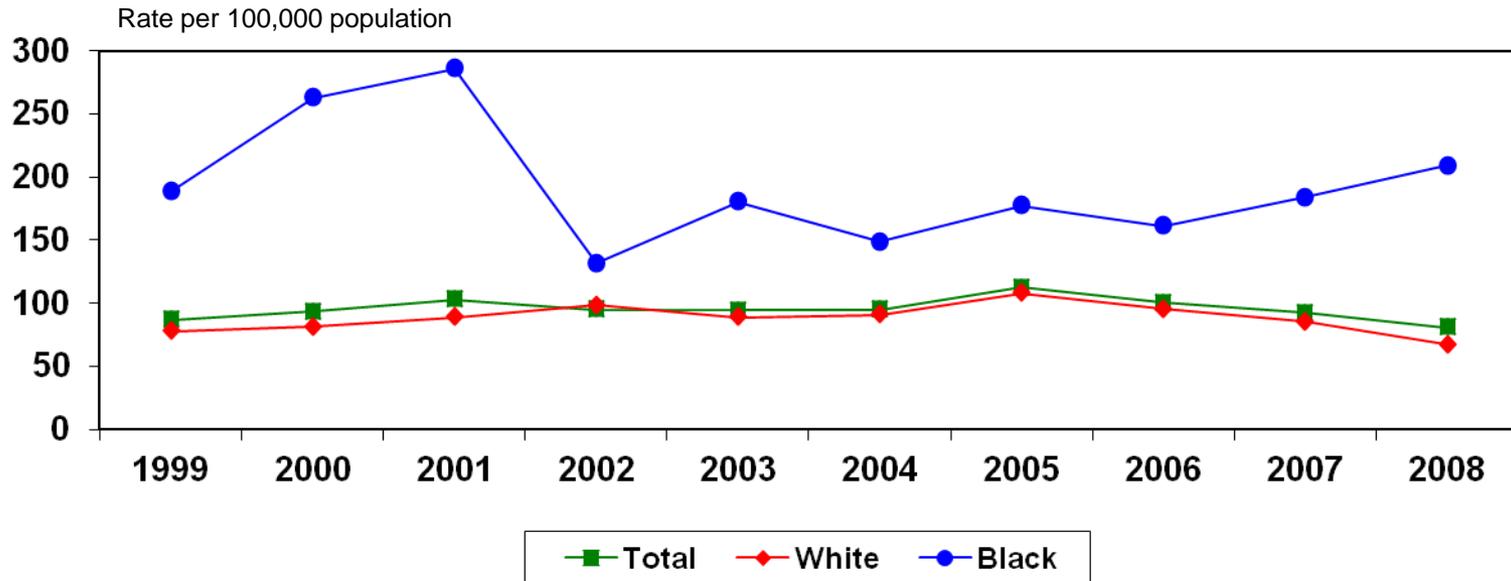
Mortality Rates for Youths Aged 15-19 Years, by Race Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------|-------|-------|------|------|------|------|-------|------|------|
| Total | 75.7 | 75.0 | 71.0 | 73.1 | 62.6 | 68.5 | 64.4 | 67.9 | 67.6 | 68.2 |
| White | 71.8 | 71.0 | 71.2 | 71.2 | 61.6 | 66.6 | 63.0 | 63.9 | 66.0 | 64.3 |
| Black | 120.0 | 142.5 | 103.4 | 95.5 | 82.5 | 89.1 | 83.6 | 116.5 | 93.5 | 90.2 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

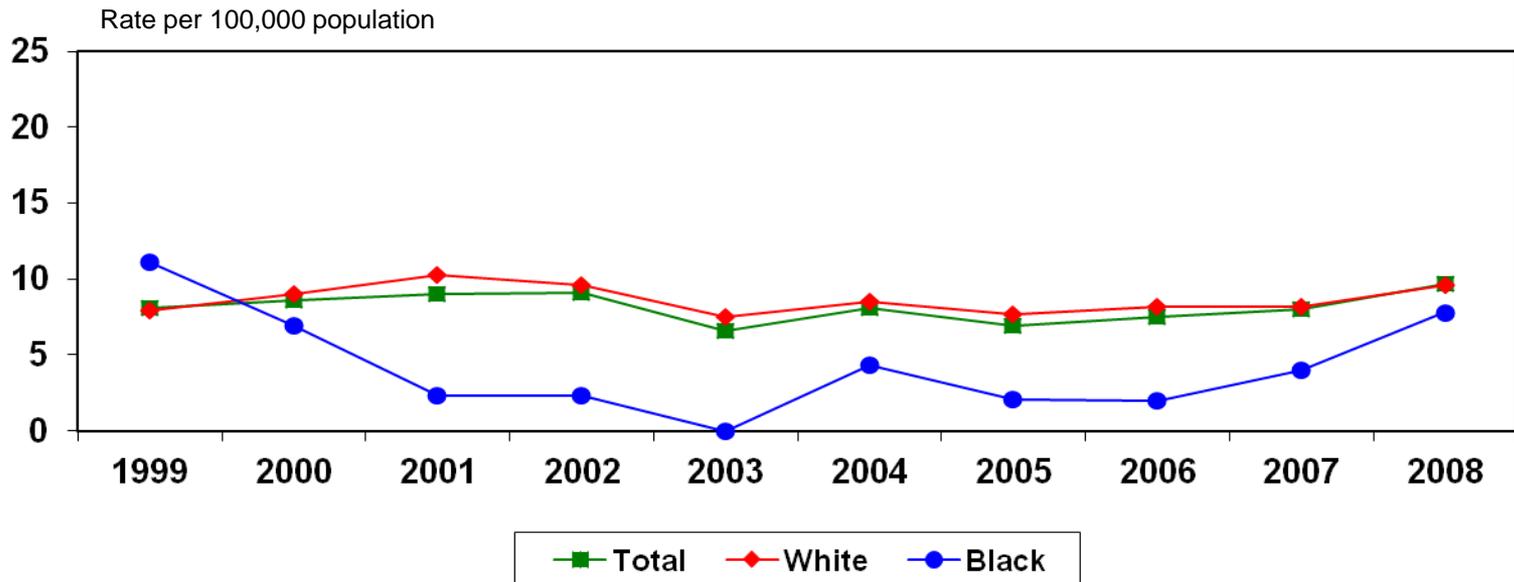
Mortality Rates for Young Adults Aged 20-21 Years, by Race Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Total | 86.9 | 93.6 | 102.8 | 95.0 | 94.6 | 95.0 | 112.6 | 100.1 | 92.6 | 80.8 |
| White | 77.8 | 81.3 | 89.0 | 98.7 | 89.0 | 91.0 | 108.0 | 95.2 | 85.2 | 67.5 |
| Black | 188.3 | 262.6 | 286.0 | 131.5 | 180.3 | 148.4 | 177.3 | 161.2 | 183.9 | 209.3 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Suicide Mortality Rates Among Youths Aged 15-19 Years, by Race Indiana Residents, 1999-2008

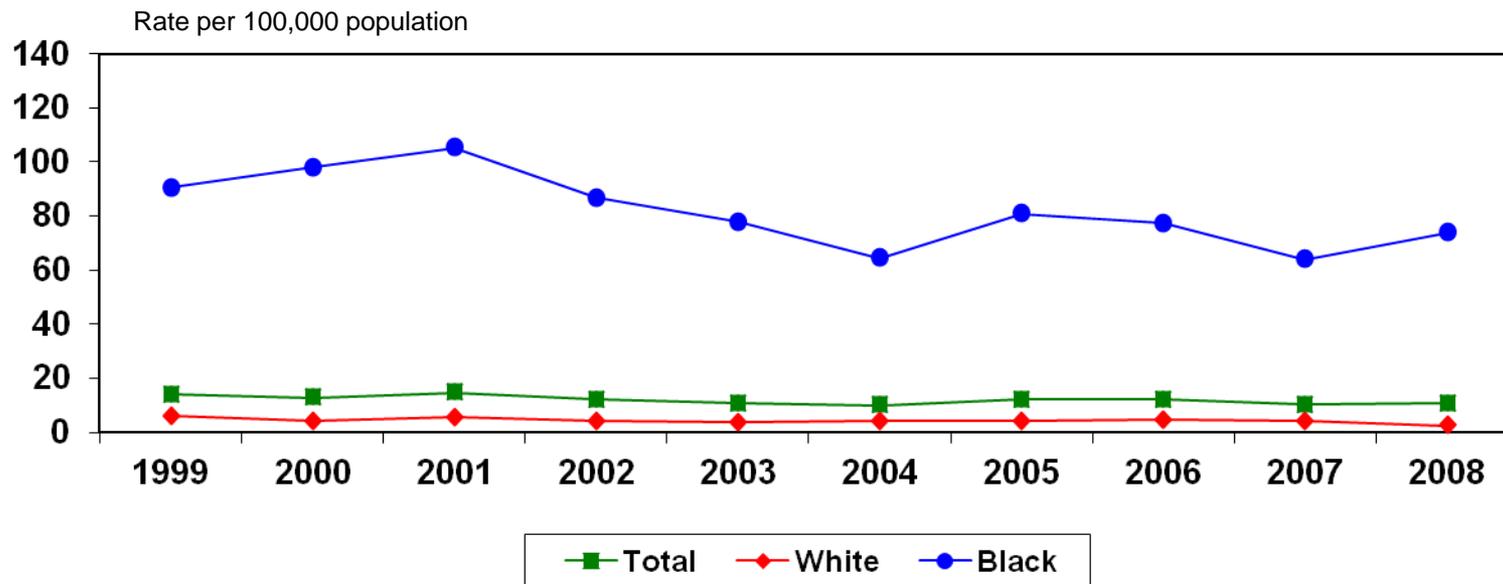


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total | 8.1 | 8.6 | 9.0 | 9.1 | 6.6 | 8.1 | 6.9 | 7.5 | 8.0 | 9.7 |
| White | 7.9 | 9.0 | 10.3 | 9.6 | 7.5 | 8.5 | 7.7 | 8.2 | 8.2 | 9.6 |
| Black | 11.1* | 6.9* | 2.3* | 2.3* | 0.0* | 4.3* | 2.1* | 2.0* | 4.0* | 7.8* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Homicide Mortality Rates Among Those Aged 15-24 Years, by Race Indiana Residents, 1999-2008

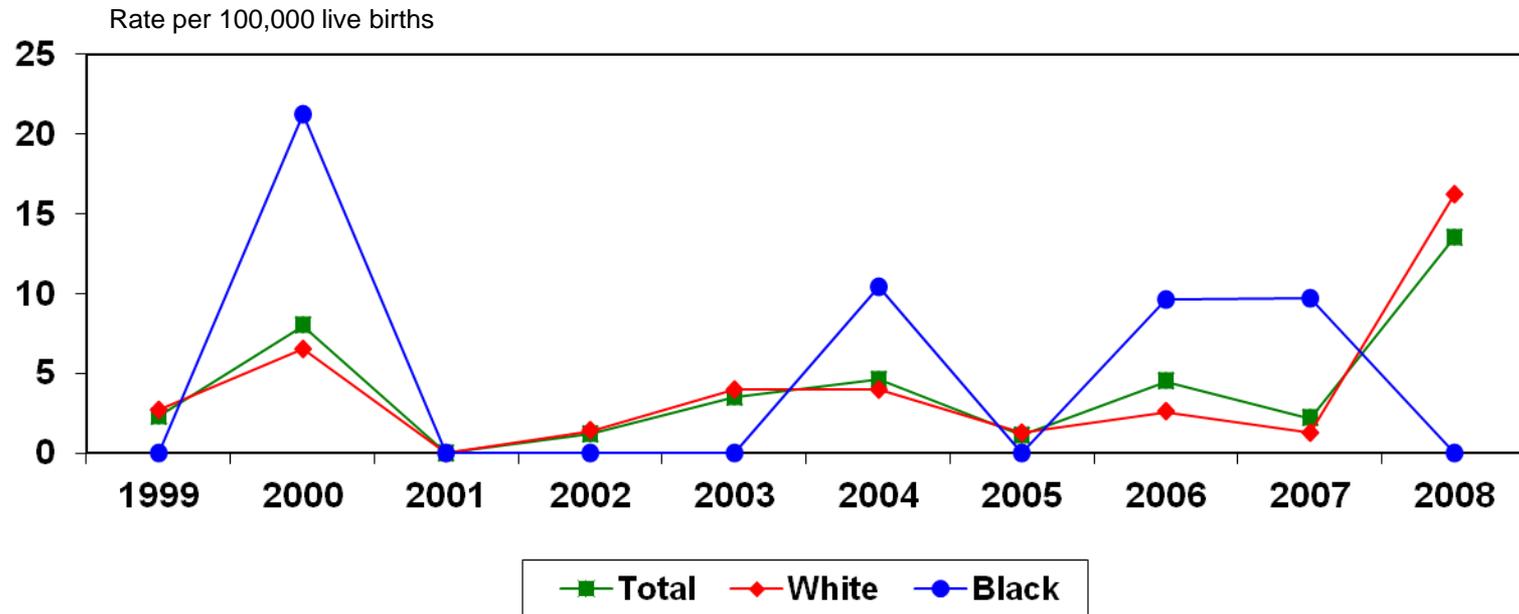


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|-------|------|------|------|------|------|------|------|
| Total | 14.1 | 12.9 | 14.7 | 12.1 | 10.6 | 10.1 | 12.3 | 12.0 | 10.4 | 10.7 |
| White | 5.9 | 4.2 | 5.5 | 4.1 | 3.6 | 4.1 | 4.2 | 4.5 | 4.1 | 2.6 |
| Black | 90.5 | 98.1 | 105.2 | 86.7 | 77.9 | 64.4 | 80.9 | 77.3 | 64.0 | 73.9 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Maternal Mortality Rates by Race

Indiana Residents, 1999-2008

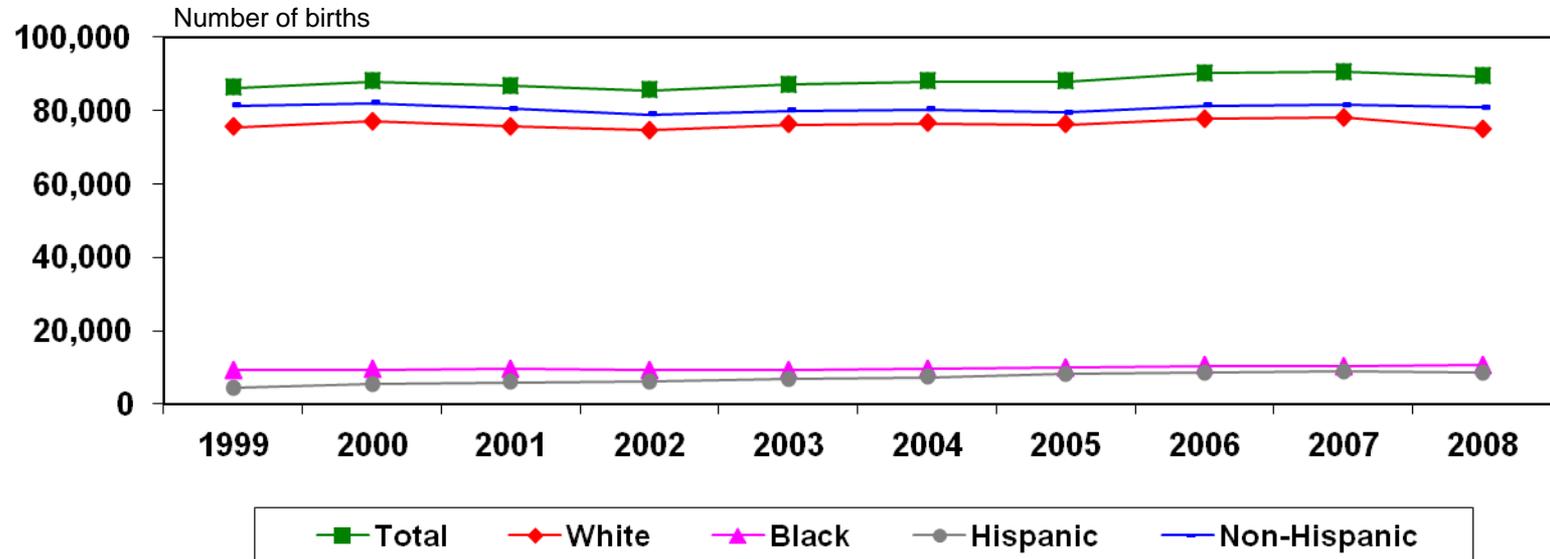


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|-------|------|------|------|-------|------|------|------|-------|
| Total | 2.3* | 8.0* | 0.0* | 1.2* | 3.5* | 4.6* | 1.1* | 4.5* | 2.2* | 13.5* |
| White | 2.7* | 6.5* | 0.0* | 1.4* | 4.0* | 4.0* | 1.3* | 2.6* | 1.3* | 16.2* |
| Black | 0.0* | 21.2* | 0.0* | 0.0* | 0.0* | 10.4* | 0.0* | 9.6* | 9.7* | 0.0* |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Number of Occurrent Live Births* by Race and Ethnicity Indiana, 1999-2008



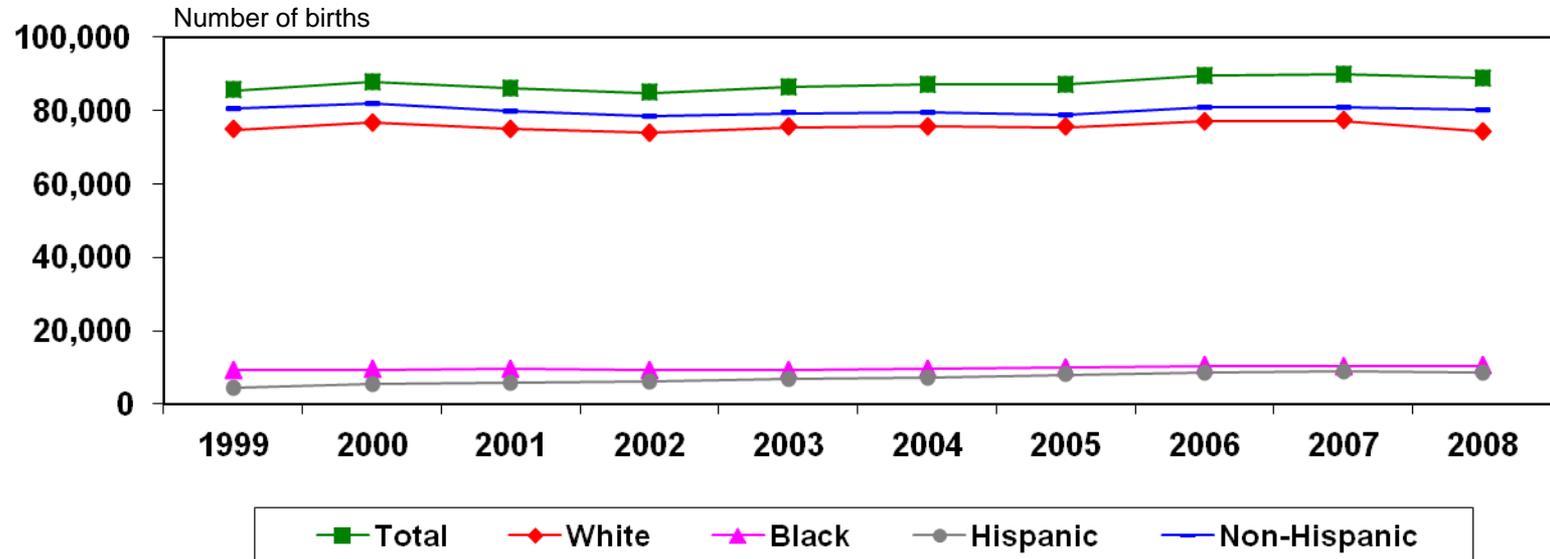
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Total | 86,194 | 87,948 | 86,718 | 85,533 | 87,128 | 87,961 | 87,864 | 90,120 | 90,586 | 89,324 |
| White | 75,457 | 76,974 | 75,626 | 74,646 | 76,143 | 76,451 | 76,186 | 77,763 | 77,975 | 74,895 |
| Black | 9,263 | 9,432 | 9,536 | 9,300 | 9,329 | 9,658 | 9,882 | 10,451 | 10,371 | 10,571 |
| Hispanic | 4,434 | 5,512 | 5,913 | 6,206 | 6,821 | 7,322 | 8,125 | 8,567 | 8,858 | 8,561 |
| Non-Hispanic | 81,385 | 82,088 | 80,402 | 78,953 | 79,911 | 80,257 | 79,375 | 81,359 | 81,596 | 80,715 |

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

Notes: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Number of Resident Live Births* by Race and Ethnicity Indiana, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Total | 85,489 | 87,697 | 86,122 | 84,839 | 86,382 | 87,125 | 87,088 | 89,404 | 89,719 | 88,679 |
| White | 74,787 | 76,753 | 75,056 | 74,013 | 75,422 | 75,680 | 75,464 | 77,096 | 77,171 | 74,280 |
| Black | 9,244 | 9,421 | 9,531 | 9,243 | 9,288 | 9,582 | 9,820 | 10,396 | 10,303 | 10,496 |
| Hispanic | 4,383 | 5,427 | 5,865 | 6,145 | 6,763 | 7,237 | 8,026 | 8,488 | 8,785 | 8,510 |
| Non-Hispanic | 80,467 | 81,947 | 79,883 | 78,346 | 79,261 | 79,537 | 78,723 | 80,727 | 80,769 | 80,091 |

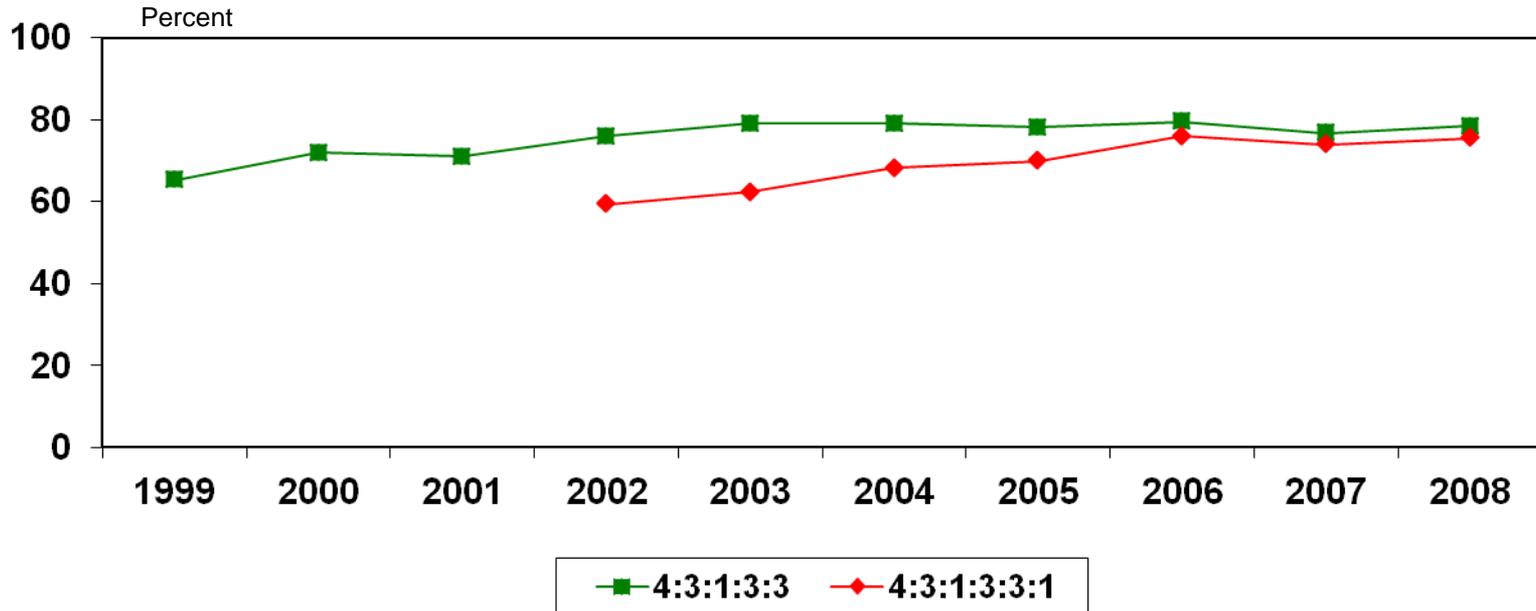
*Live births to Indiana residents regardless of state where mother gave birth.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Immunized 2-Year-Old Children* in Indiana Who Received the 4:3:1:3:3 or 4:3:1:3:3:1 Series of Immunizations

National Immunization Survey, CDC 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------------|------|------|------|------|------|------|------|------|------|------|
| 4:3:1:3:3 | 65.3 | 72.0 | 71.1 | 76.0 | 79.0 | 79.0 | 78.1 | 79.6 | 76.8 | 78.4 |
| 4:3:1:3:3:1 | n/a | n/a | n/a | 59.4 | 62.3 | 68.2 | 69.9 | 75.9 | 74.0 | 75.5 |

*2-year-old children refers to children aged 19-35 months according to the National Immunization Survey.

Note: The 4:3:1:3:3 series is four or more doses of DTaP, three or more doses of poliovirus vaccine, one or more doses of MMR, three or more doses of Hib, and three or more doses of HepB.

The 4:3:1:3:3:1 series is four or more doses of DTaP, three or more doses of poliovirus vaccine, one or more doses of MMR, three or more doses of Hib, three or more doses of HepB, and one or more doses of varicella.

Source: U.S. Department of Health & Human Services, Centers for Disease Control and Prevention, National Immunization Survey

**Percent of Immunized 2-Year-Old* Children in Indiana
Who Received the 4:3:1:3:3 Series of Immunizations
National Immunization Survey, CDC
1999-2008**

| | Statewide | Indianapolis / Marion County | Balance of State |
|----------------------------|------------------|-------------------------------------|-------------------------|
| January 2008-December 2008 | 78% | n/a | n/a |
| January 2007-December 2007 | 77% | 73% | 78% |
| January 2006-December 2006 | 80% | 80% | 80% |
| January 2005-December 2005 | 78% | n/a | n/a |
| January 2004-December 2004 | 79% | 78% | 79% |
| January 2003-December 2003 | 79% | 75% | 80% |
| January 2002-December 2002 | 76% | 74% | 76% |
| January 2001-December 2001 | 71% | 69% | 72% |
| January 2000-December 2000 | 72% | 62% | 74% |
| January 1999-December 1999 | 65% | 64% | 66% |

*2-year-old children refers to children aged 19-35 months according to the National Immunization Surveys.

Note: The 4:3:1:3:3 series is four or more doses of DTaP, three or more doses of poliovirus vaccine, one or more doses of MMR, three or more doses of Hib, and three or more doses of HepB. (Dtap is Diphtheria, Tetanus, and Pertussis. MMR is Measles, Mumps, and Rubella vaccine. Hib is Haemophilus influenzae type b. HepB is hepatitis B vaccine.)

Source: U.S. Department of Health & Human Services, Centers for Disease Control and Prevention, National Immunization Surveys

**Percent of Immunized 2-Year-Old* Children in Indiana
Who Received the 4:3:1:3:3:1 Series of Immunizations
National Immunization Survey, CDC
2002-2008**

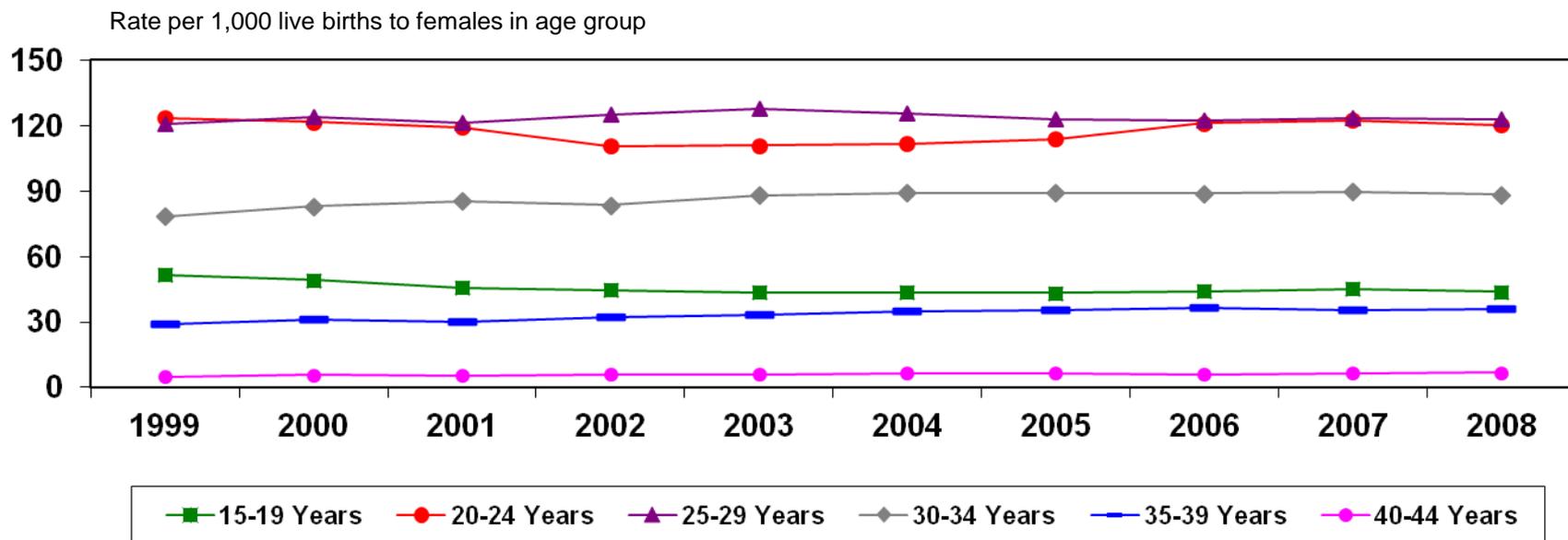
| | Statewide | Indianapolis / Marion County | Balance of State |
|----------------------------|------------------|-------------------------------------|-------------------------|
| January 2008-December 2008 | 76% | n/a | n/a |
| January 2007-December 2007 | 74% | 71% | 75% |
| January 2006-December 2006 | 76% | 77% | 76% |
| January 2005-December 2005 | 70% | n/a | n/a |
| January 2004-December 2004 | 68% | 74% | 67% |
| January 2003-December 2003 | 62% | 66% | 62% |
| January 2002-December 2002 | 59% | 62% | 59% |

*2-year-old children refers to children aged 19-35 months according to the National Immunization Surveys.

Note: The 4:3:1:3:3:1 series is four or more doses of DTaP, three or more doses of poliovirus vaccine, one or more doses of MMR, three or more doses of Hib, three or more doses of HepB, and one or more doses of varicella. (DTaP is Diphtheria, Tetanus, and Pertussis. MMR is Measles, Mumps, and Rubella vaccine. Hib is Haemophilus influenzae type b. HepB is hepatitis B vaccine.)

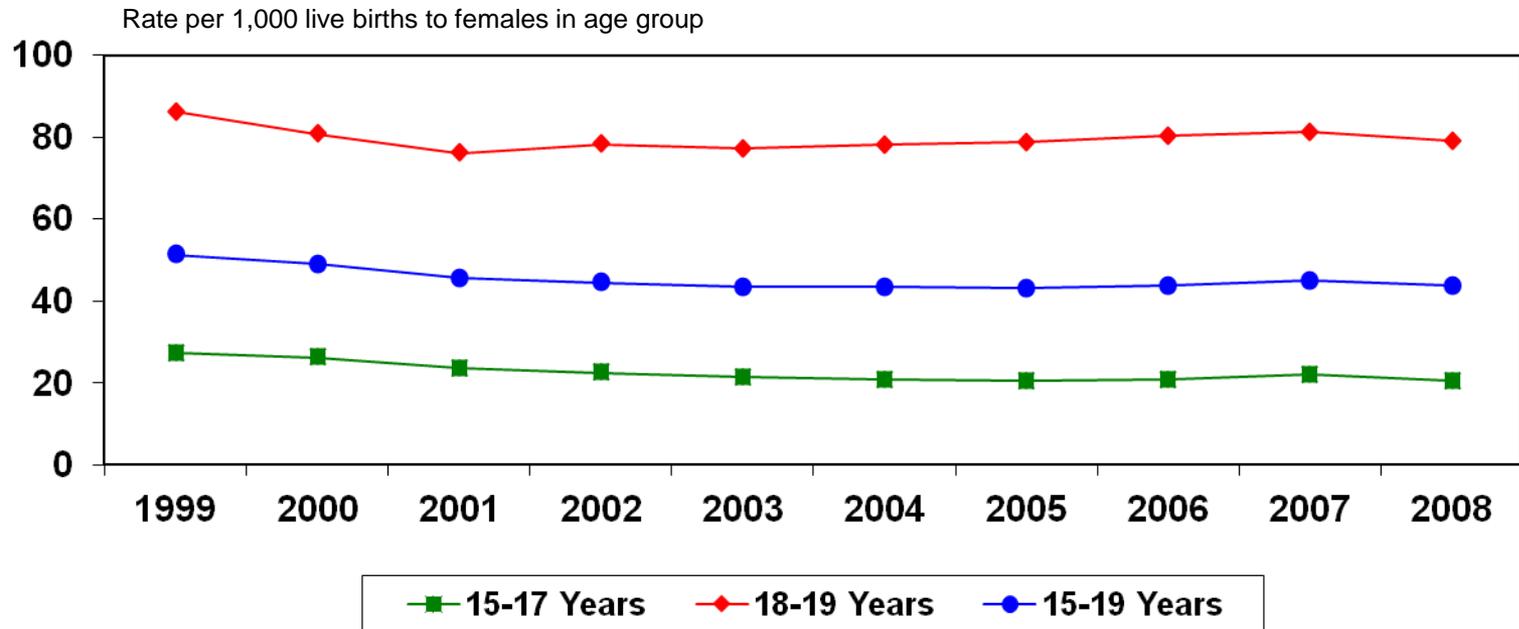
Source: U.S. Department of Health & Human Services, Centers for Disease Control and Prevention, National Immunization Surveys

Age-Specific Birth Rates by Age Group for Females Indiana Residents, 1999-2008



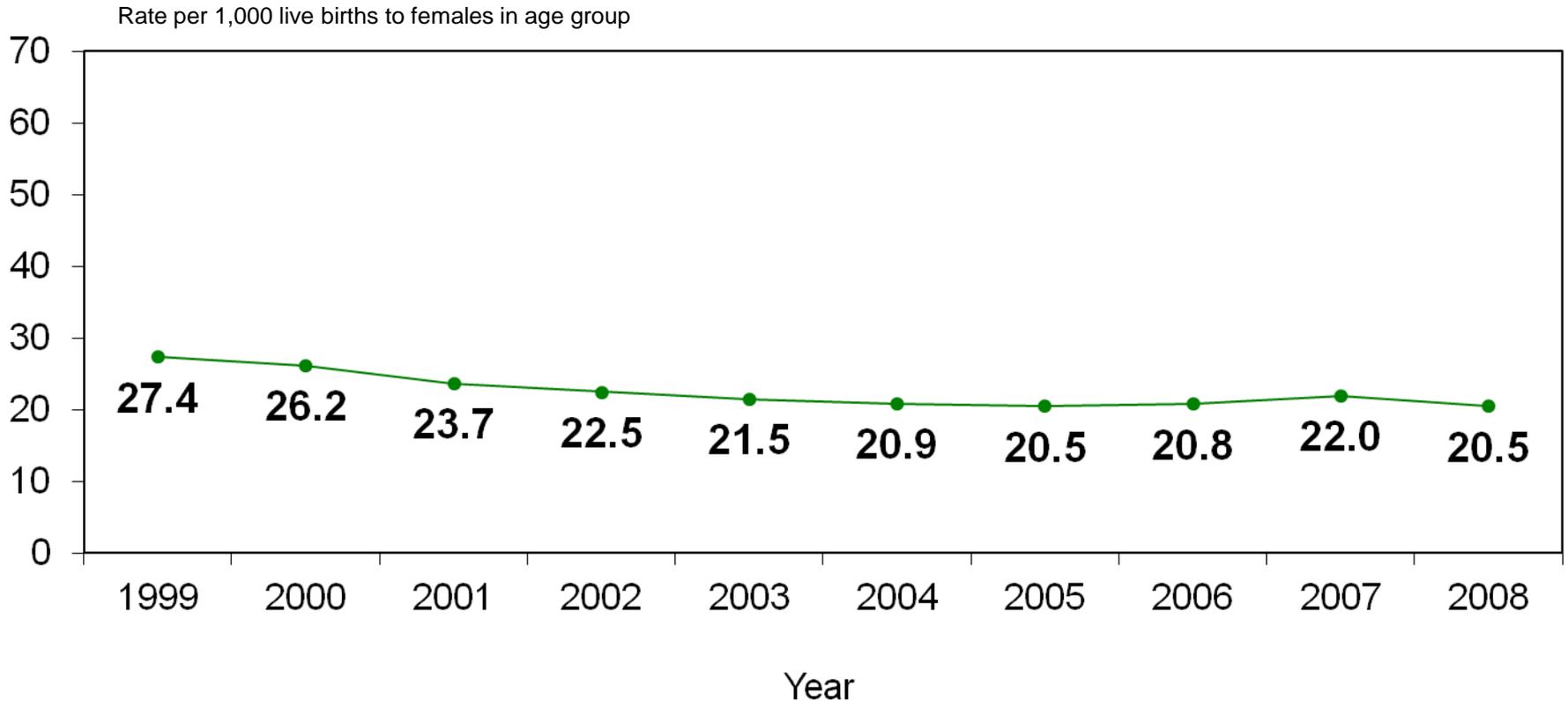
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 15-19 Years | 51.3 | 49.1 | 45.7 | 44.5 | 43.4 | 43.5 | 43.2 | 43.8 | 45.1 | 43.7 |
| 20-24 Years | 123.2 | 121.5 | 119.3 | 110.5 | 110.8 | 111.5 | 113.7 | 121.0 | 122.3 | 120.0 |
| 25-29 Years | 120.7 | 124.1 | 121.3 | 124.9 | 127.7 | 125.4 | 122.7 | 122.5 | 123.3 | 123.1 |
| 30-34 Years | 78.5 | 82.9 | 85.1 | 83.4 | 88.1 | 88.9 | 89.1 | 88.8 | 89.6 | 88.3 |
| 35-39 Years | 29.1 | 30.9 | 30.0 | 32.0 | 33.4 | 35.0 | 35.3 | 36.6 | 35.5 | 35.9 |
| 40-44 Years | 4.9 | 5.6 | 5.5 | 5.7 | 6.0 | 6.6 | 6.4 | 6.1 | 6.4 | 6.7 |

Age-Specific Birth Rates by Age Group for Teenage Females Indiana Residents, 1999-2008



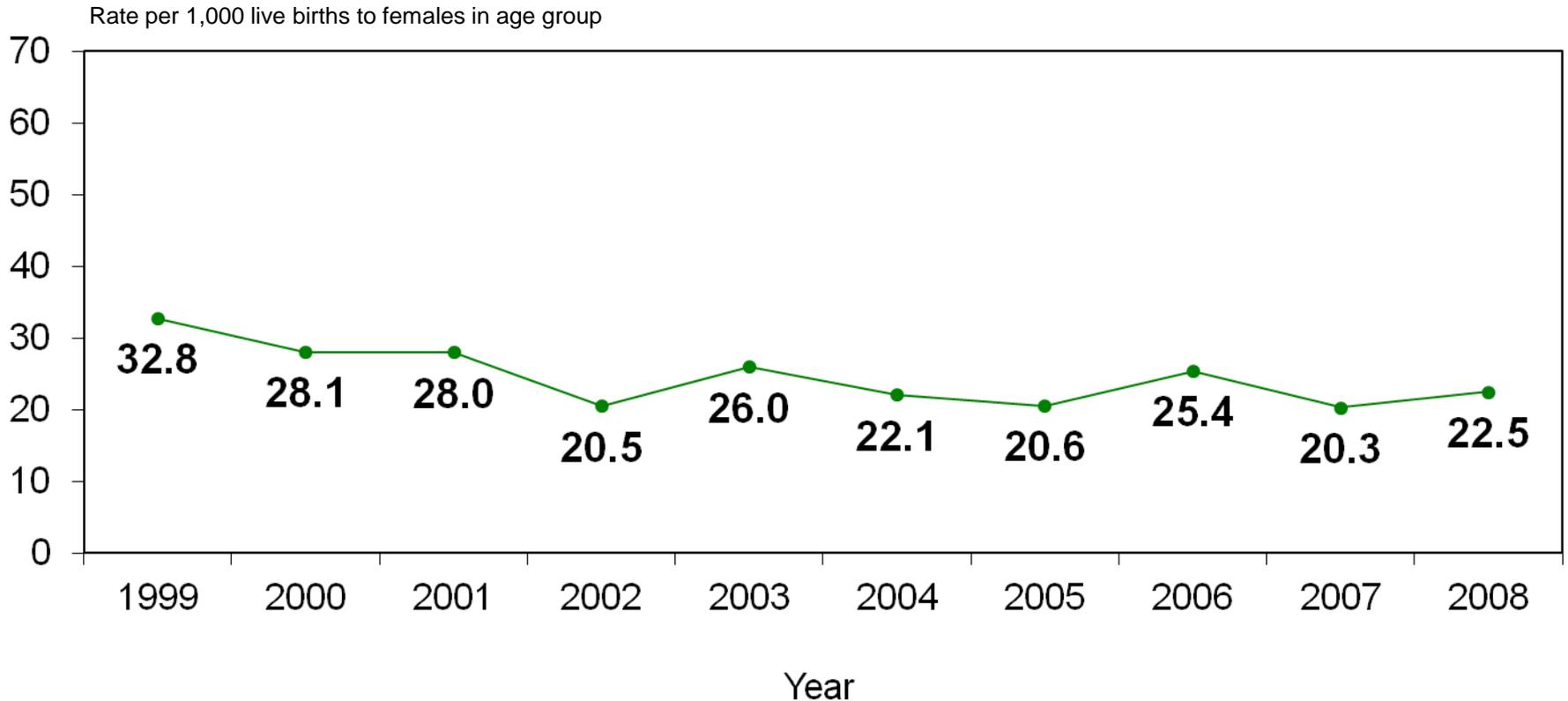
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------------|------|------|------|------|------|------|------|------|------|------|
| 15-17 Years | 27.4 | 26.2 | 23.7 | 22.5 | 21.5 | 20.9 | 20.5 | 20.8 | 22.0 | 20.5 |
| 18-19 Years | 86.3 | 80.8 | 76.1 | 78.3 | 77.2 | 78.1 | 78.8 | 80.3 | 81.2 | 79.1 |
| 15-19 Years | 51.3 | 49.1 | 45.7 | 44.5 | 43.4 | 43.5 | 43.2 | 43.8 | 45.1 | 43.7 |

Age-Specific Birth Rates Females Aged 15-17 Years Indiana Residents, 1999-2008



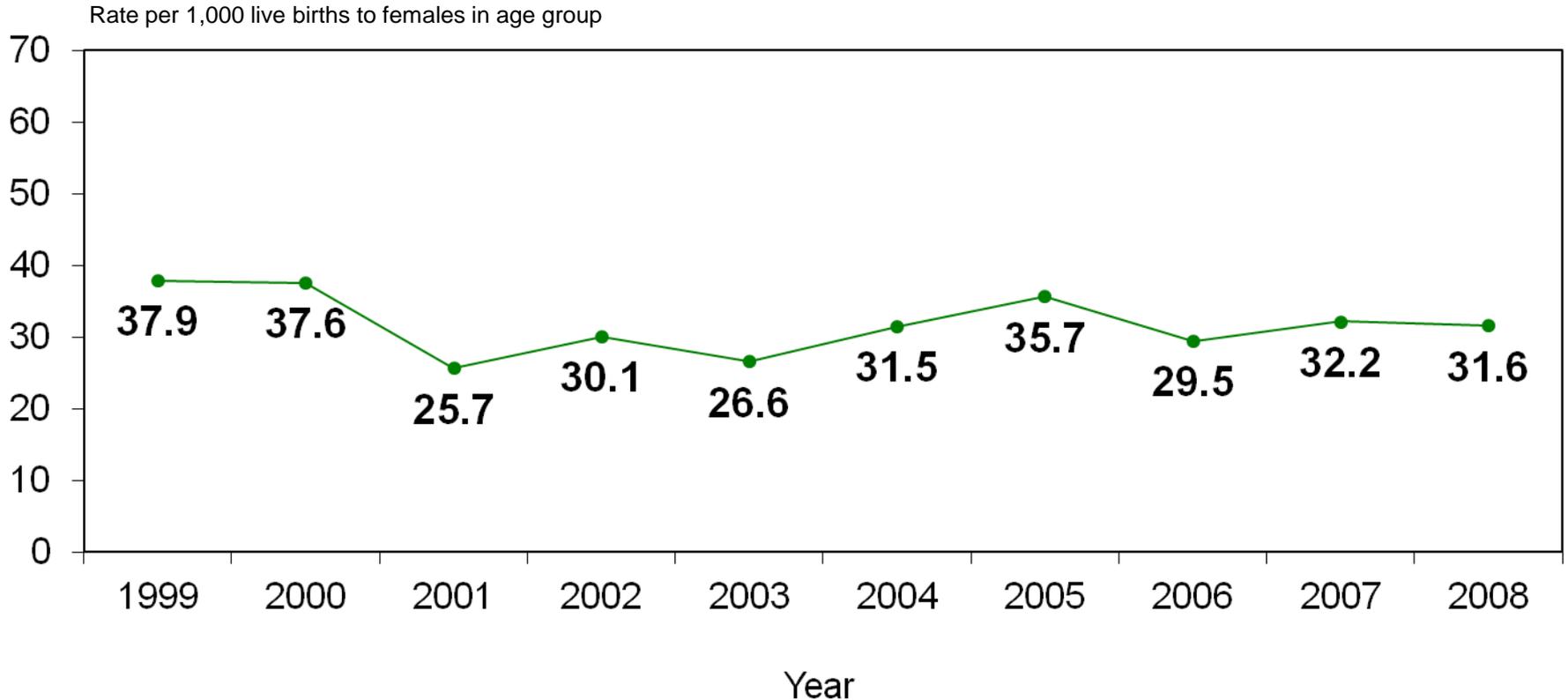
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Age-Specific Birth Rates Females Aged 15-17 Years Allen County Residents, 1999-2008



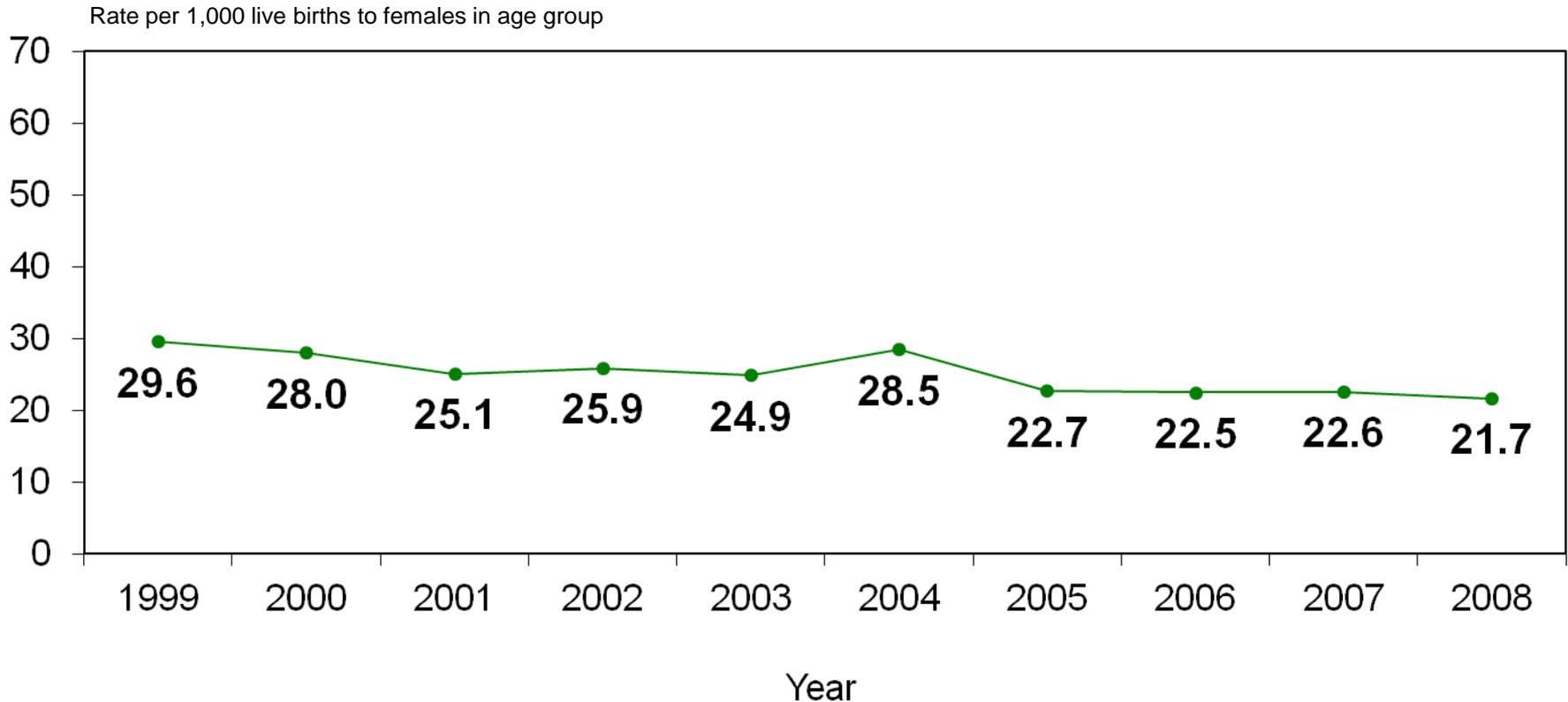
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Age-Specific Birth Rates Females Aged 15-17 Years Elkhart County Residents, 1999-2008



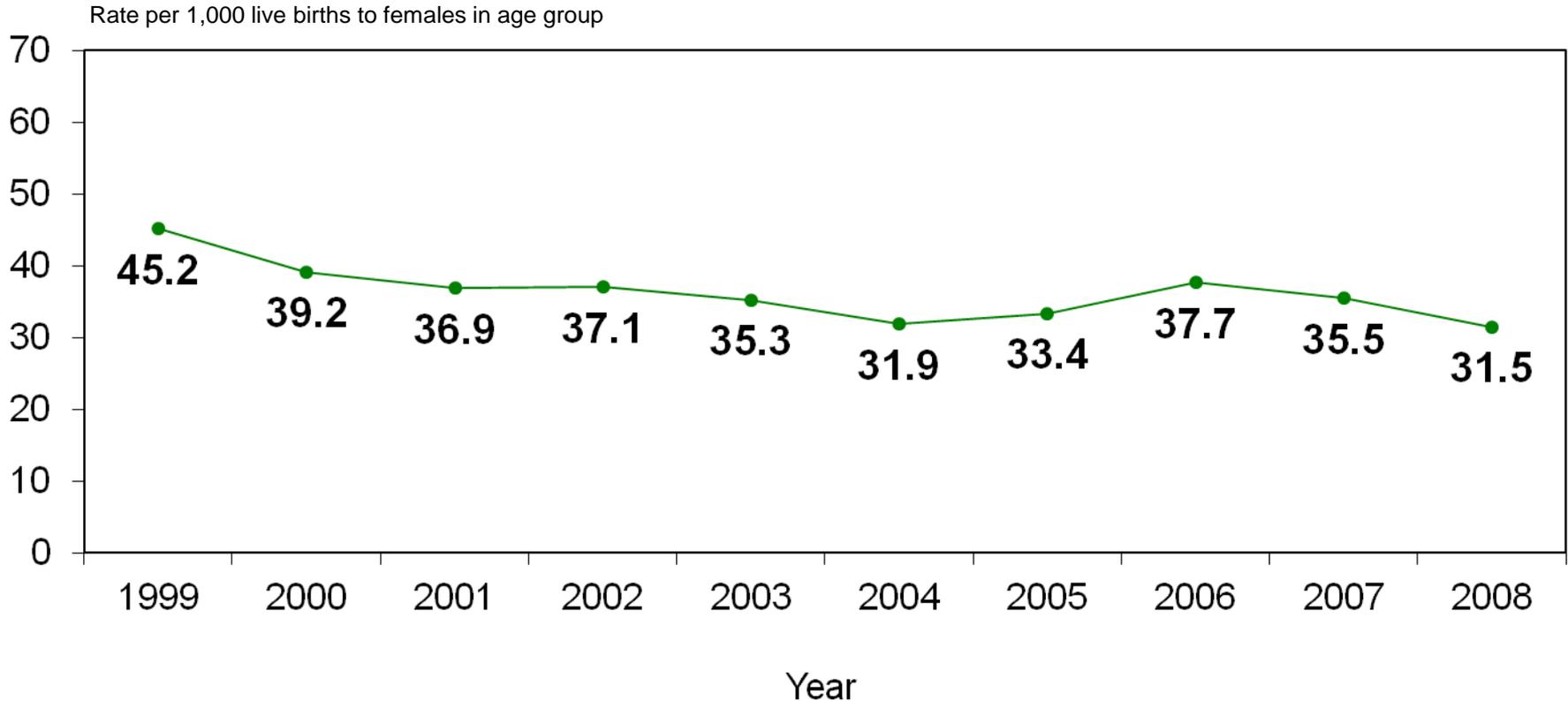
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Age-Specific Birth Rates Females Aged 15-17 Years Lake County Residents, 1999-2008



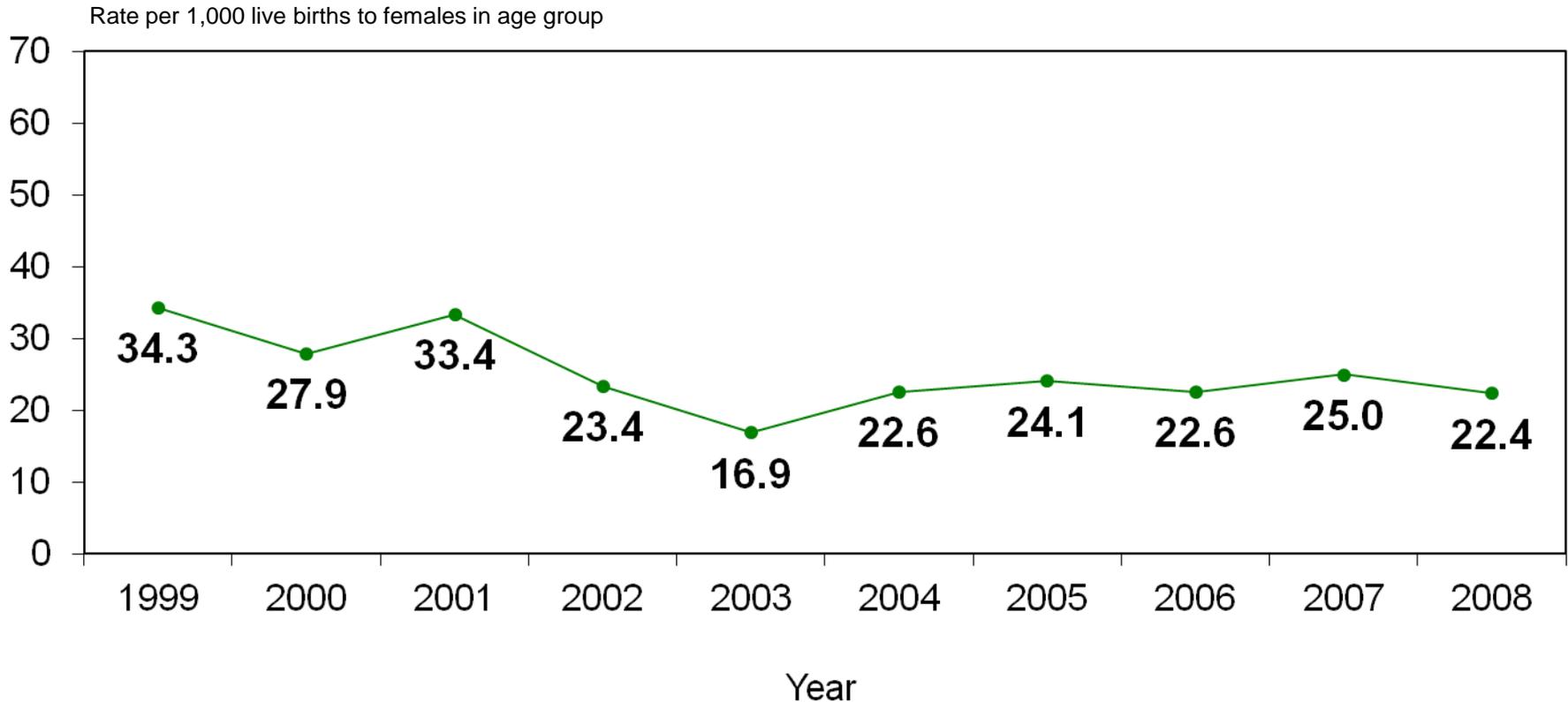
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Age-Specific Birth Rates Females Aged 15-17 Years Marion County Residents, 1999-2008



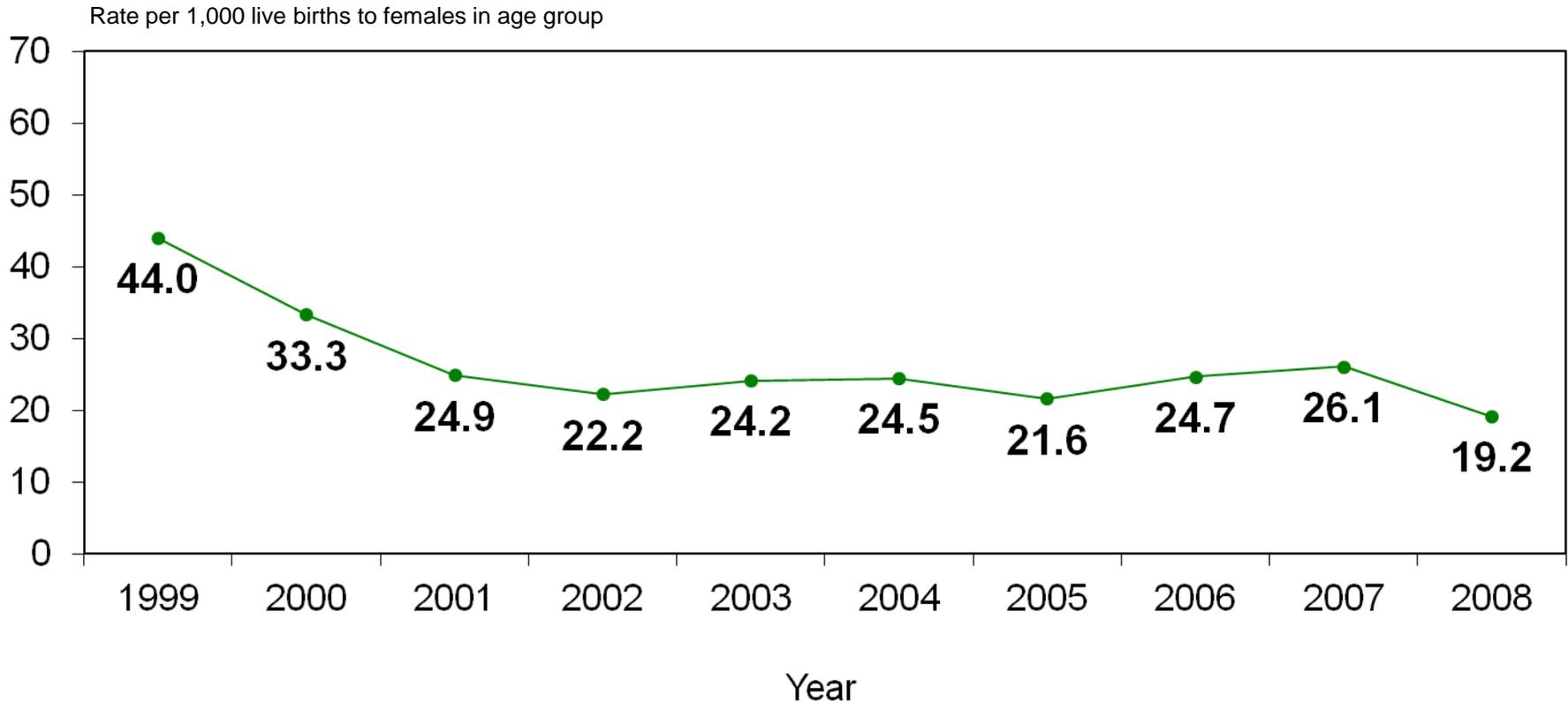
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Age-Specific Birth Rates Females Aged 15-17 Years St. Joseph County Residents, 1999-2008



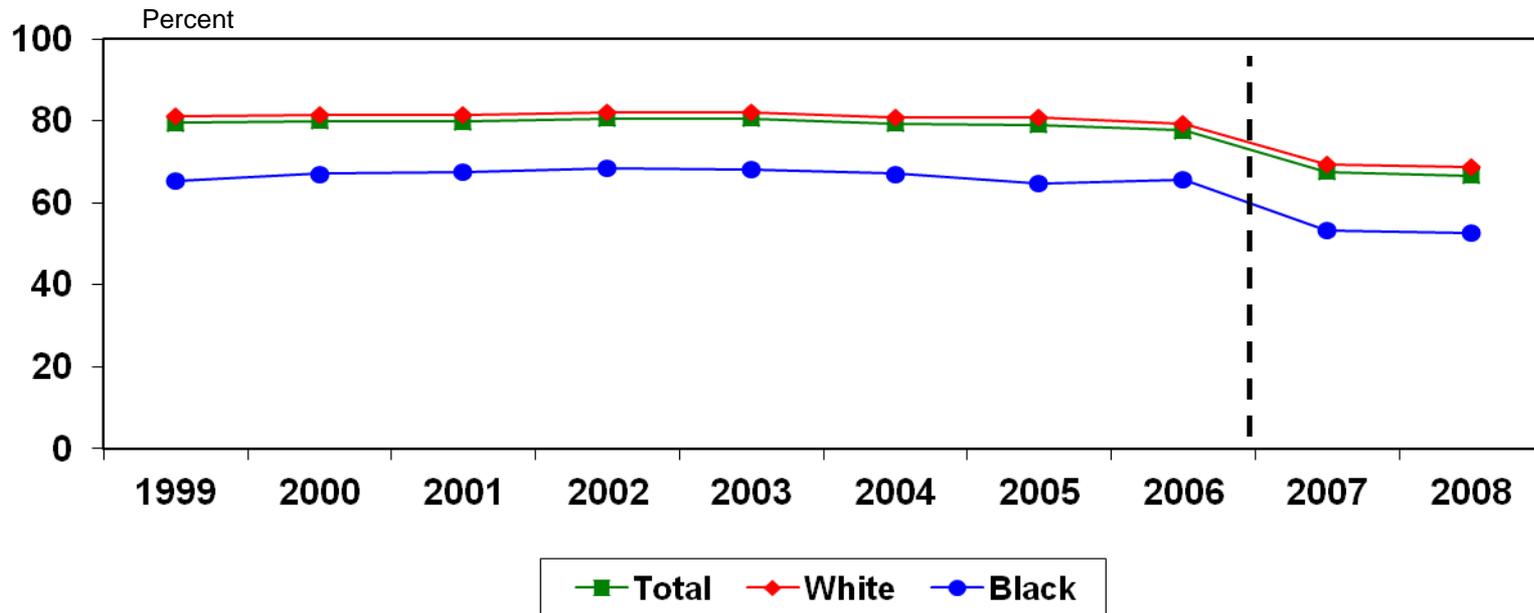
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Age-Specific Birth Rates Females Aged 15-17 Years Vanderburgh County Residents, 1999-2008



Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Indiana Residents, 1999-2008



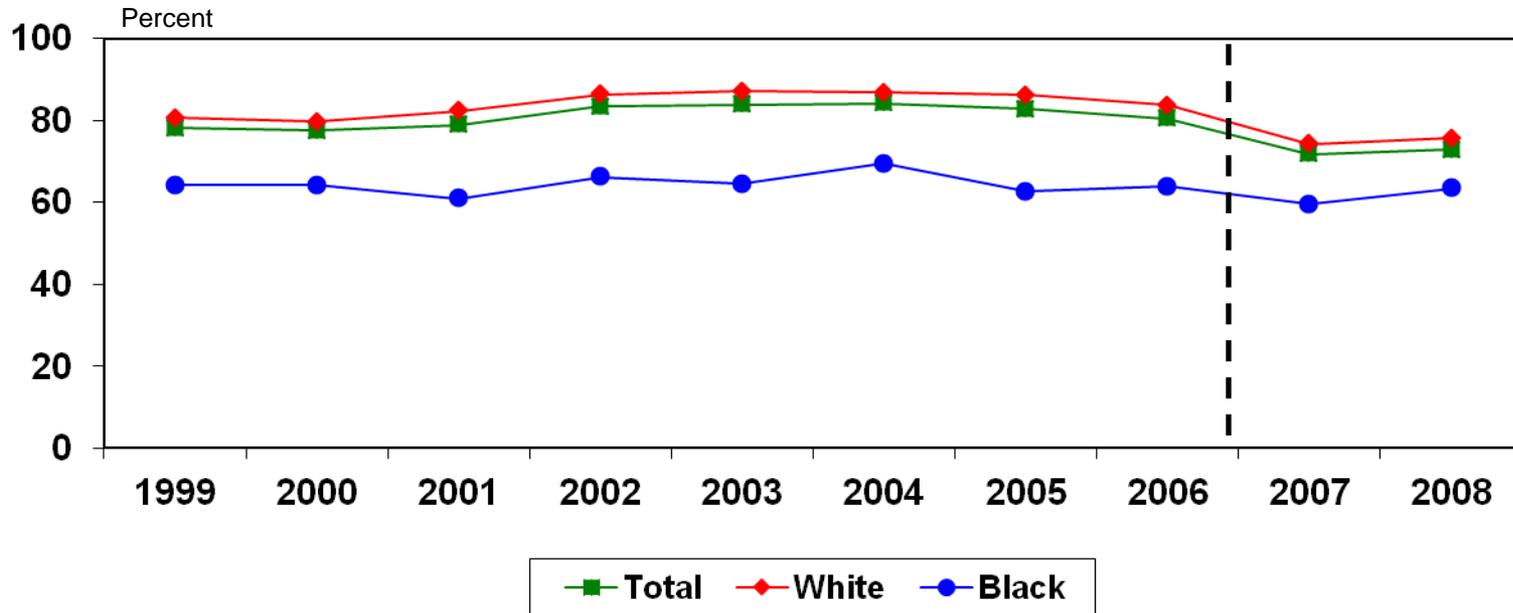
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 79.5 | 80.0 | 79.8 | 80.5 | 80.6 | 79.3 | 78.9 | 77.6 | 67.5 | 66.6 |
| White | 81.3 | 81.6 | 81.4 | 82.1 | 82.1 | 80.8 | 80.8 | 79.2 | 69.4 | 68.9 |
| Black | 65.5 | 67.1 | 67.6 | 68.6 | 68.2 | 67.1 | 64.8 | 65.6 | 53.4 | 52.6 |

*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, 2012

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Allen County Residents, 1999-2008



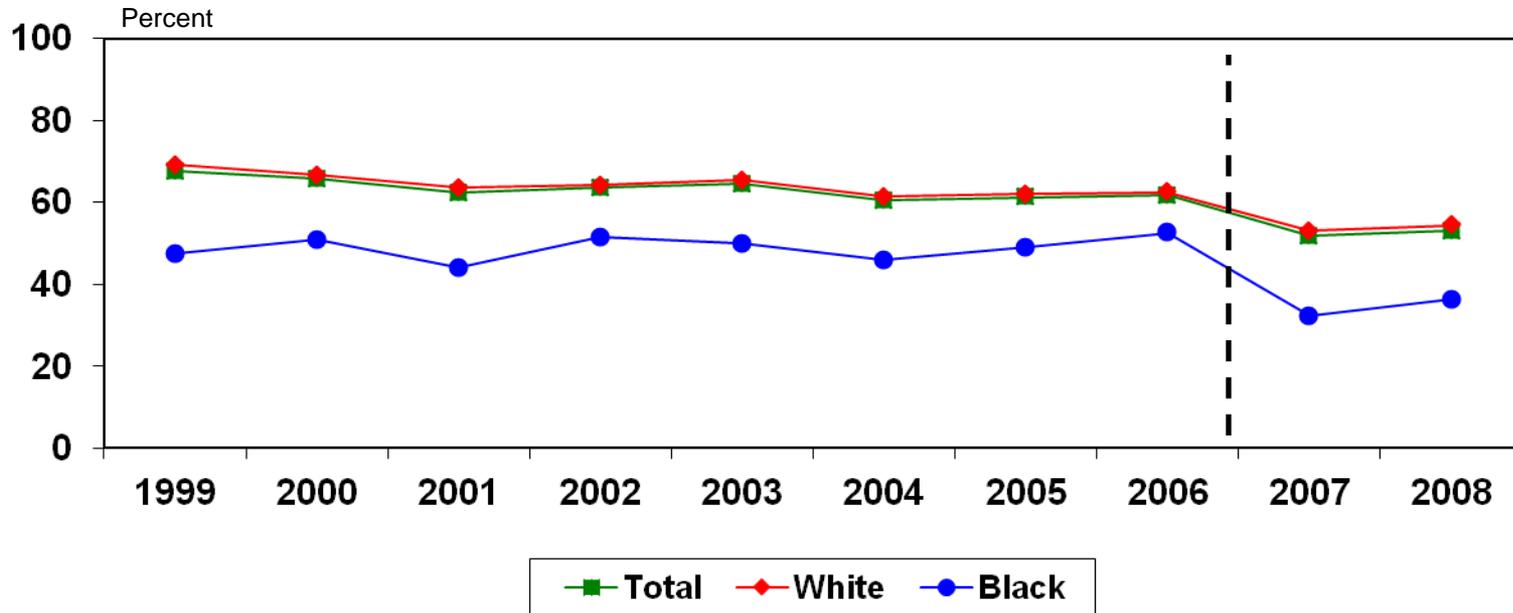
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 78.2 | 77.5 | 78.9 | 83.5 | 83.9 | 84.2 | 82.8 | 80.5 | 71.8 | 72.9 |
| White | 80.7 | 79.7 | 82.3 | 86.4 | 87.1 | 86.8 | 86.3 | 83.8 | 74.3 | 75.6 |
| Black | 64.3 | 64.3 | 61.0 | 66.2 | 64.6 | 69.5 | 62.6 | 63.9 | 59.6 | 63.4 |

*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, 2012

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Elkhart County Residents, 1999-2008



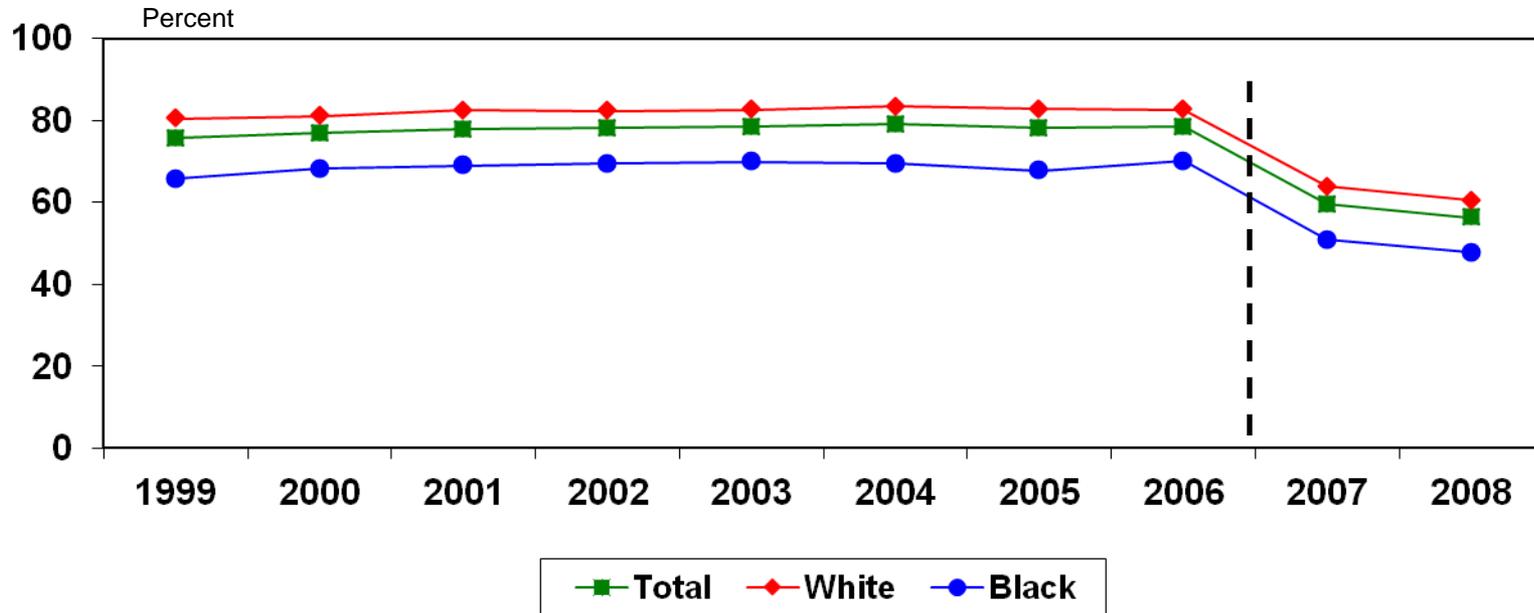
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 67.6 | 65.8 | 62.4 | 63.5 | 64.6 | 60.5 | 61.3 | 61.8 | 51.8 | 53.0 |
| White | 69.1 | 66.7 | 63.6 | 64.3 | 65.5 | 61.4 | 62.0 | 62.5 | 53.1 | 54.4 |
| Black | 47.4 | 50.9 | 44.1 | 51.5 | 50.0 | 45.9 | 49.1 | 52.6 | 32.3 | 36.3 |

*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, 2012

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Lake County Residents, 1999-2008



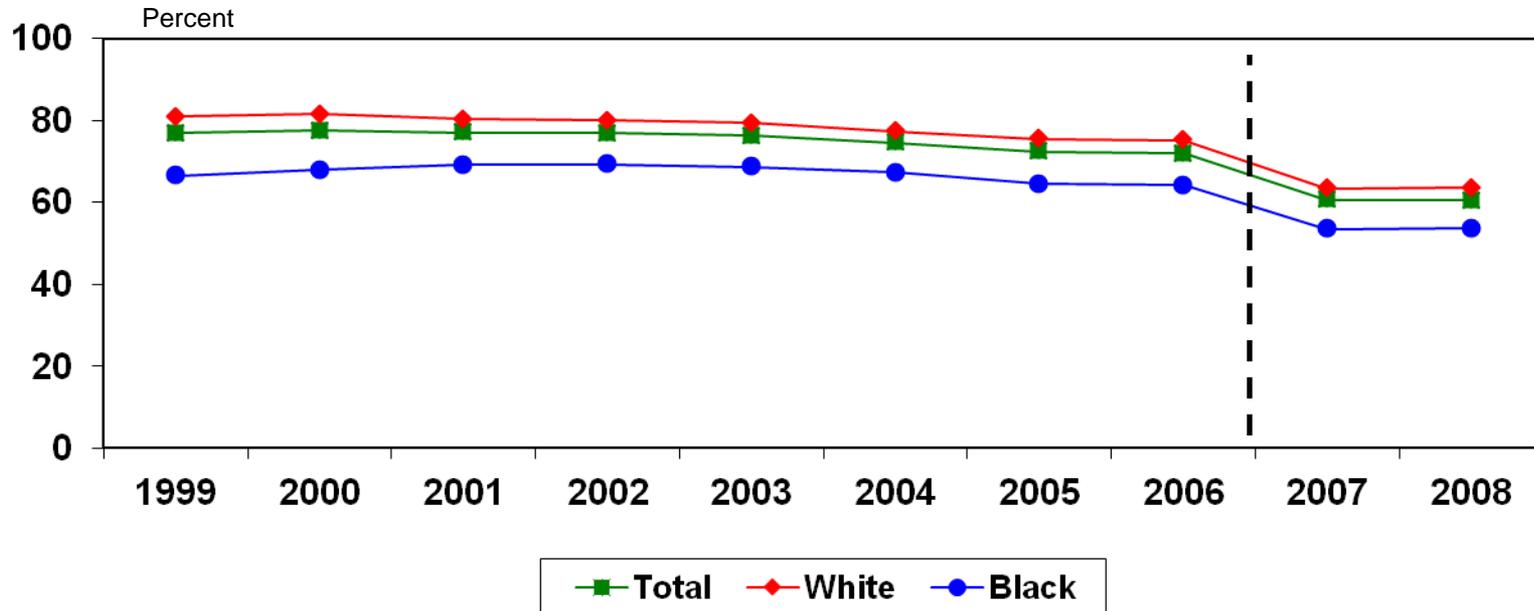
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 75.7 | 76.9 | 77.9 | 78.2 | 78.5 | 79.0 | 78.1 | 78.4 | 59.6 | 56.3 |
| White | 80.5 | 81.1 | 82.4 | 82.3 | 82.7 | 83.5 | 82.9 | 82.7 | 63.8 | 60.4 |
| Black | 65.8 | 68.3 | 69.0 | 69.4 | 69.9 | 69.5 | 67.8 | 70.0 | 50.8 | 47.7 |

*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, 2012

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Marion County Residents, 1999-2008



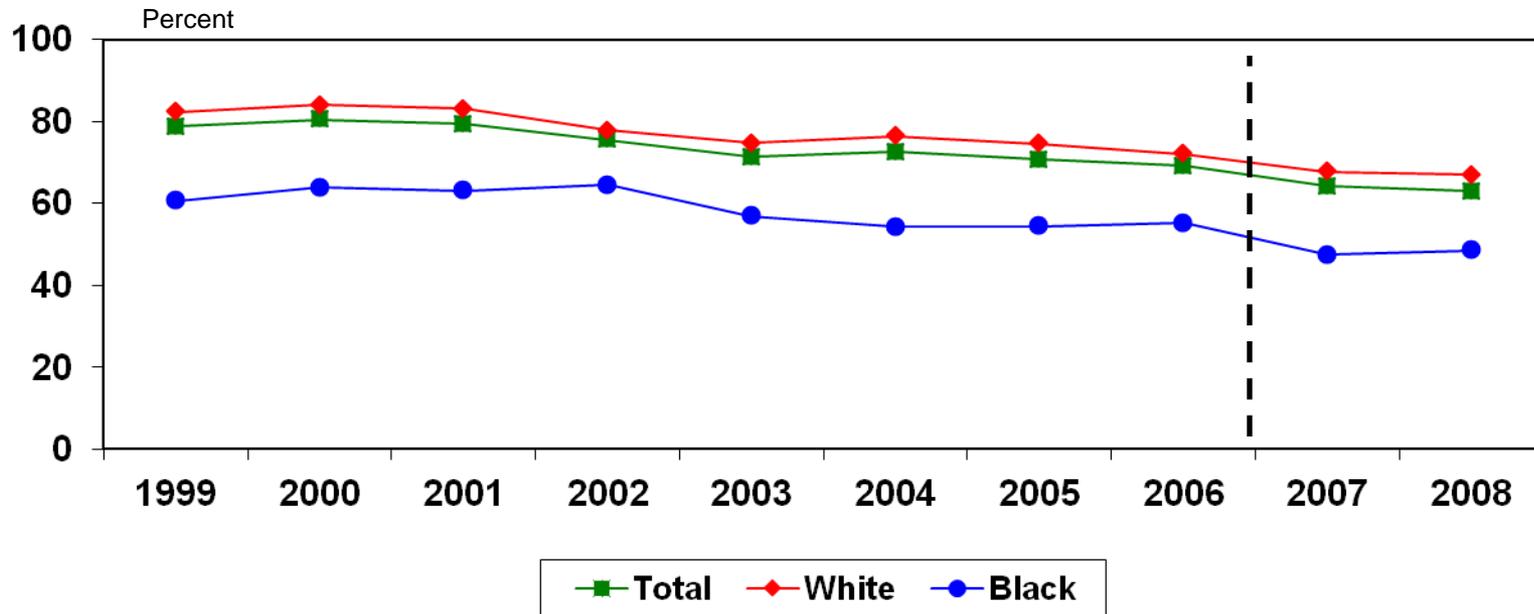
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 76.9 | 77.5 | 77.1 | 77.0 | 76.4 | 74.6 | 72.4 | 72.0 | 60.6 | 60.4 |
| White | 81.0 | 81.5 | 80.4 | 80.1 | 79.3 | 77.4 | 75.5 | 75.2 | 63.4 | 63.6 |
| Black | 66.5 | 68.0 | 69.2 | 69.3 | 68.7 | 67.3 | 64.6 | 64.3 | 53.5 | 53.7 |

*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, 2012

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race St. Joseph County Residents, 1999-2008



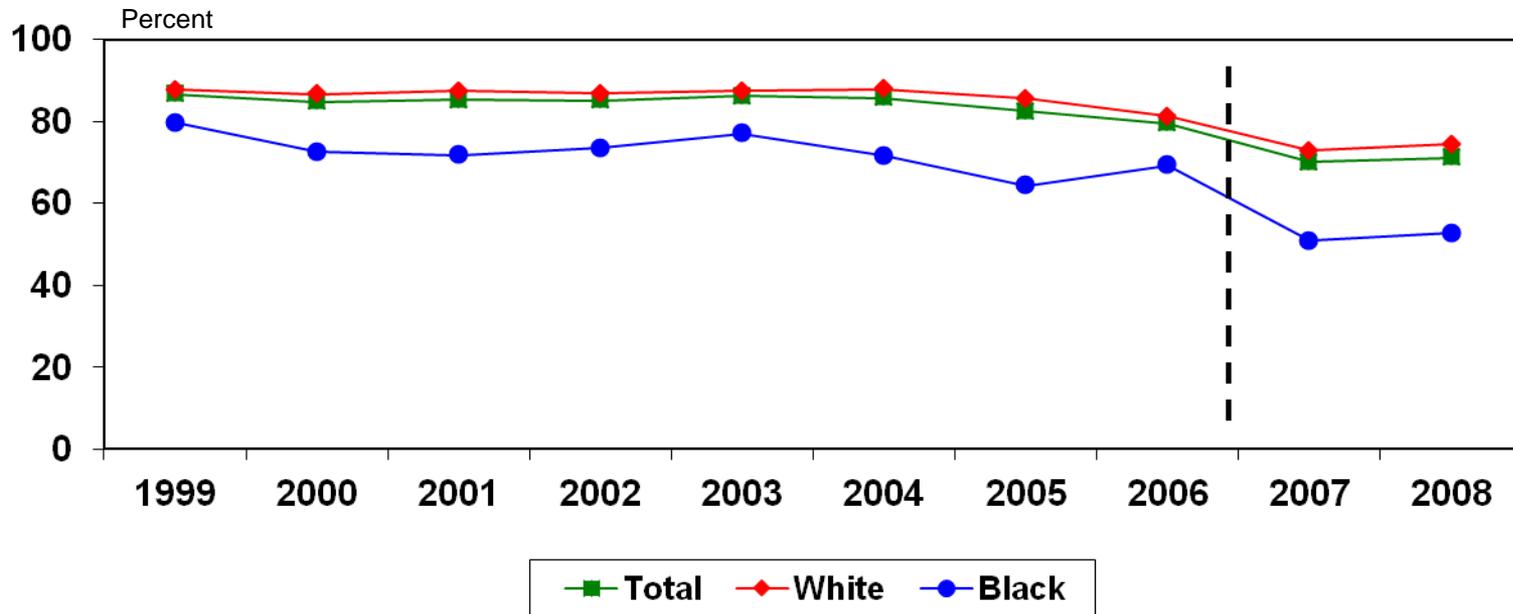
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 78.8 | 80.5 | 79.5 | 75.5 | 71.3 | 72.5 | 70.8 | 69.1 | 64.3 | 62.9 |
| White | 82.3 | 84.0 | 83.2 | 77.9 | 74.7 | 76.5 | 74.6 | 72.1 | 67.8 | 67.1 |
| Black | 60.7 | 63.8 | 63.1 | 64.5 | 56.9 | 54.3 | 54.5 | 55.2 | 47.5 | 48.6 |

*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, 2012

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Vanderburgh County Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 86.7 | 84.8 | 85.3 | 85.1 | 86.2 | 85.8 | 82.6 | 79.6 | 70.1 | 71.2 |
| White | 87.7 | 86.7 | 87.4 | 86.9 | 87.4 | 87.9 | 85.5 | 81.3 | 72.8 | 74.4 |
| Black | 79.8 | 72.5 | 71.8 | 73.5 | 77.1 | 71.6 | 64.4 | 69.3 | 50.9 | 52.8 |

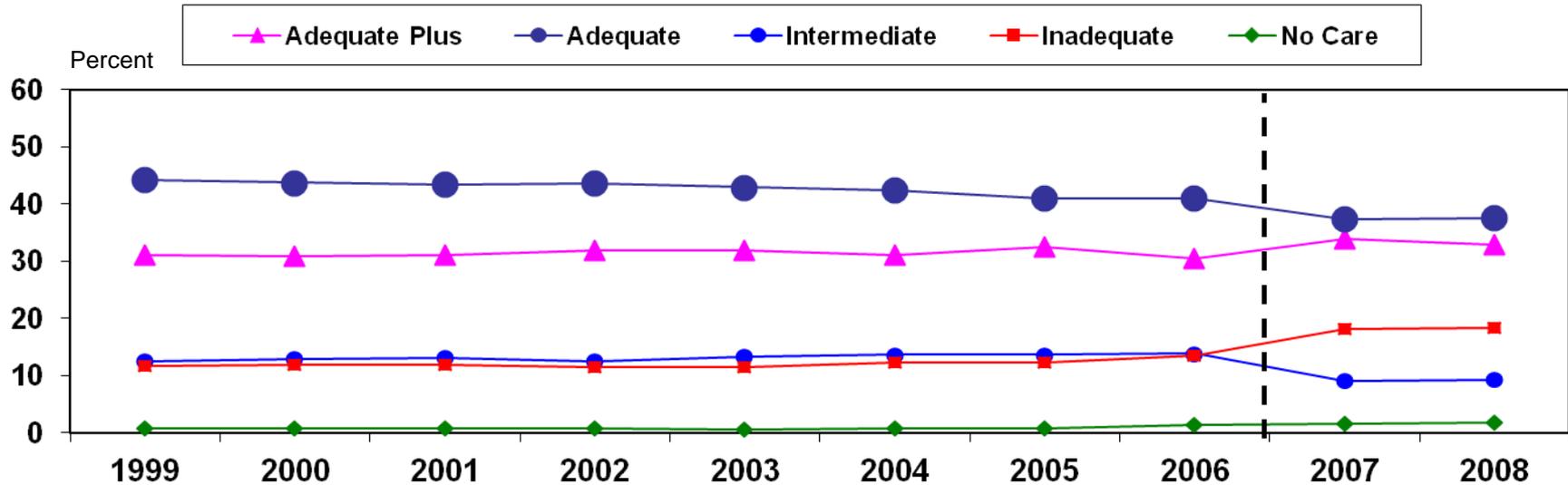
*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

All Races, Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---------------|------|------|------|------|------|------|------|------|------|------|
| Adequate Plus | 31.1 | 30.8 | 31.0 | 31.8 | 31.8 | 31.0 | 32.4 | 30.5 | 33.9 | 32.9 |
| Adequate | 44.2 | 43.7 | 43.4 | 43.6 | 42.9 | 42.4 | 41.0 | 40.9 | 37.3 | 37.6 |
| Intermediate | 12.4 | 12.9 | 13.0 | 12.5 | 13.2 | 13.6 | 13.6 | 13.8 | 9.0 | 9.3 |
| Inadequate | 11.7 | 11.8 | 11.9 | 11.4 | 11.5 | 12.3 | 12.3 | 13.5 | 18.2 | 18.4 |
| No Care | 0.8 | 0.8 | 0.8 | 0.7 | 0.6 | 0.8 | 0.7 | 1.3 | 1.6 | 1.8 |

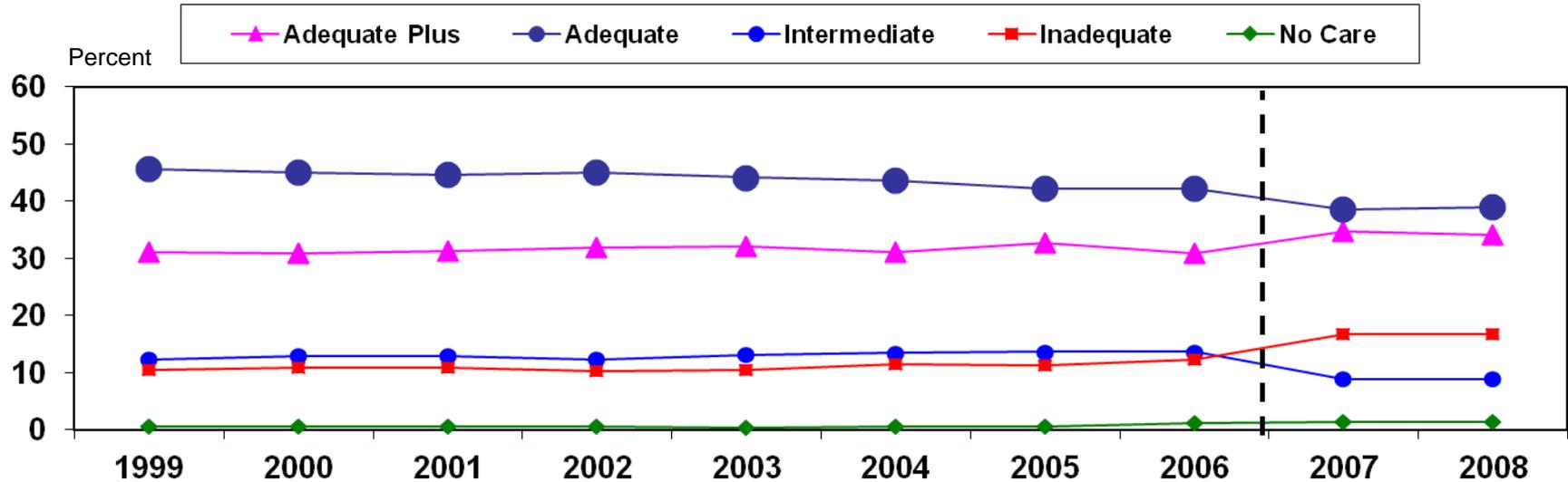
*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

White Population, Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---------------|------|------|------|------|------|------|------|------|------|------|
| Adequate Plus | 31.1 | 30.9 | 31.2 | 31.9 | 32.0 | 31.0 | 32.6 | 30.9 | 34.7 | 34.1 |
| Adequate | 45.6 | 45.0 | 44.6 | 45.0 | 44.1 | 43.6 | 42.1 | 42.2 | 38.6 | 39.0 |
| Intermediate | 12.3 | 12.8 | 12.8 | 12.3 | 13.0 | 13.4 | 13.6 | 13.6 | 8.8 | 8.8 |
| Inadequate | 10.4 | 10.8 | 10.8 | 10.3 | 10.5 | 11.4 | 11.2 | 12.3 | 16.8 | 16.8 |
| No Care | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 | 0.6 | 0.5 | 1.1 | 1.3 | 1.4 |

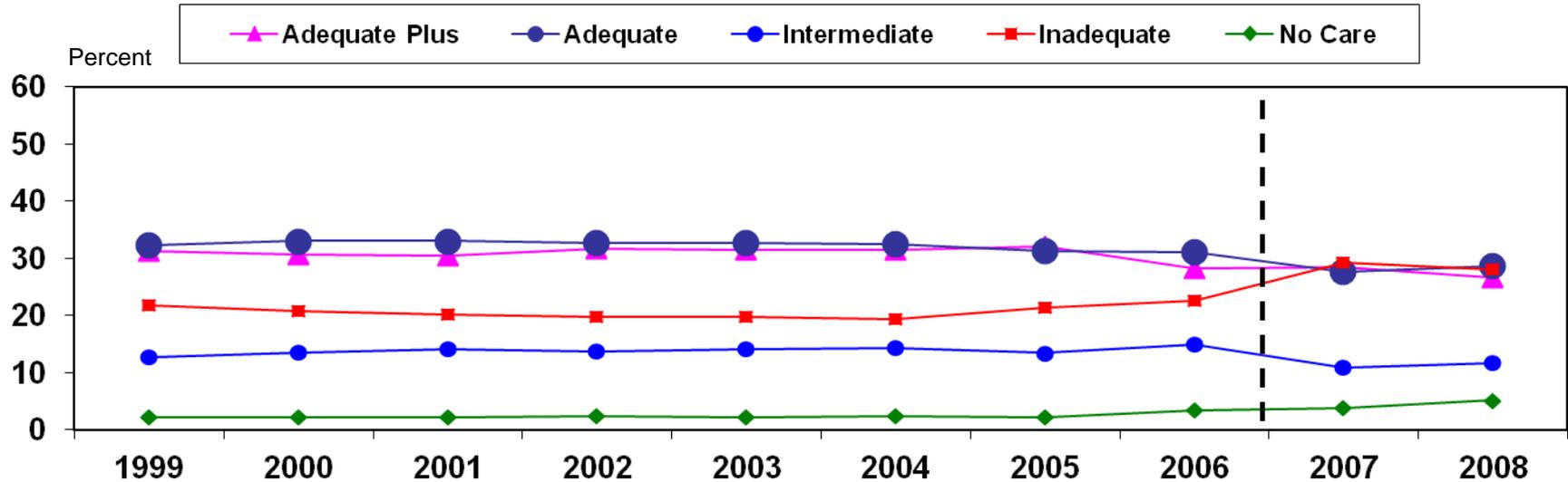
*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

Black Population, Indiana Residents, 1999-2008



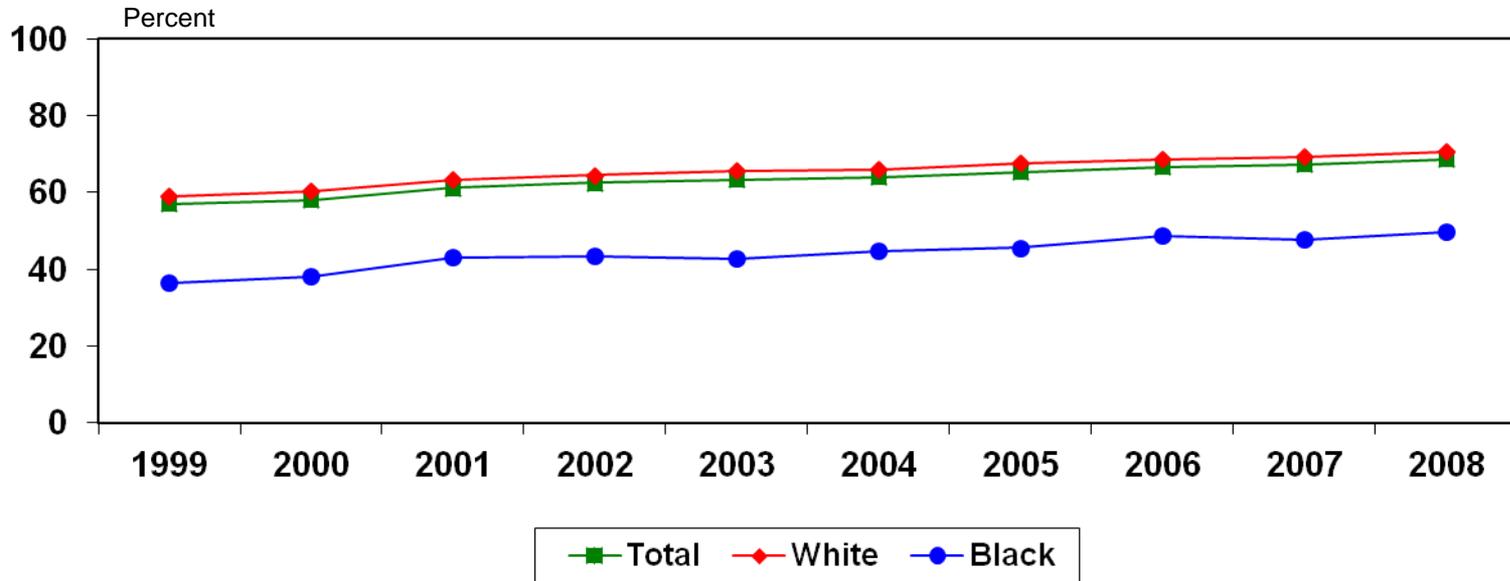
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---------------|------|------|------|------|------|------|------|------|------|------|
| Adequate Plus | 31.3 | 30.7 | 30.5 | 31.6 | 31.4 | 31.4 | 32.0 | 28.2 | 28.4 | 26.7 |
| Adequate | 32.2 | 33.0 | 33.0 | 32.6 | 32.6 | 32.5 | 31.3 | 31.1 | 27.7 | 28.6 |
| Intermediate | 12.7 | 13.5 | 14.1 | 13.7 | 14.1 | 14.3 | 13.4 | 14.9 | 10.9 | 11.7 |
| Inadequate | 21.7 | 20.7 | 20.2 | 19.8 | 19.7 | 19.4 | 21.3 | 22.5 | 29.3 | 28.0 |
| No Care | 2.1 | 2.1 | 2.1 | 2.4 | 2.1 | 2.4 | 2.1 | 3.3 | 3.8 | 5.1 |

*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, 2012

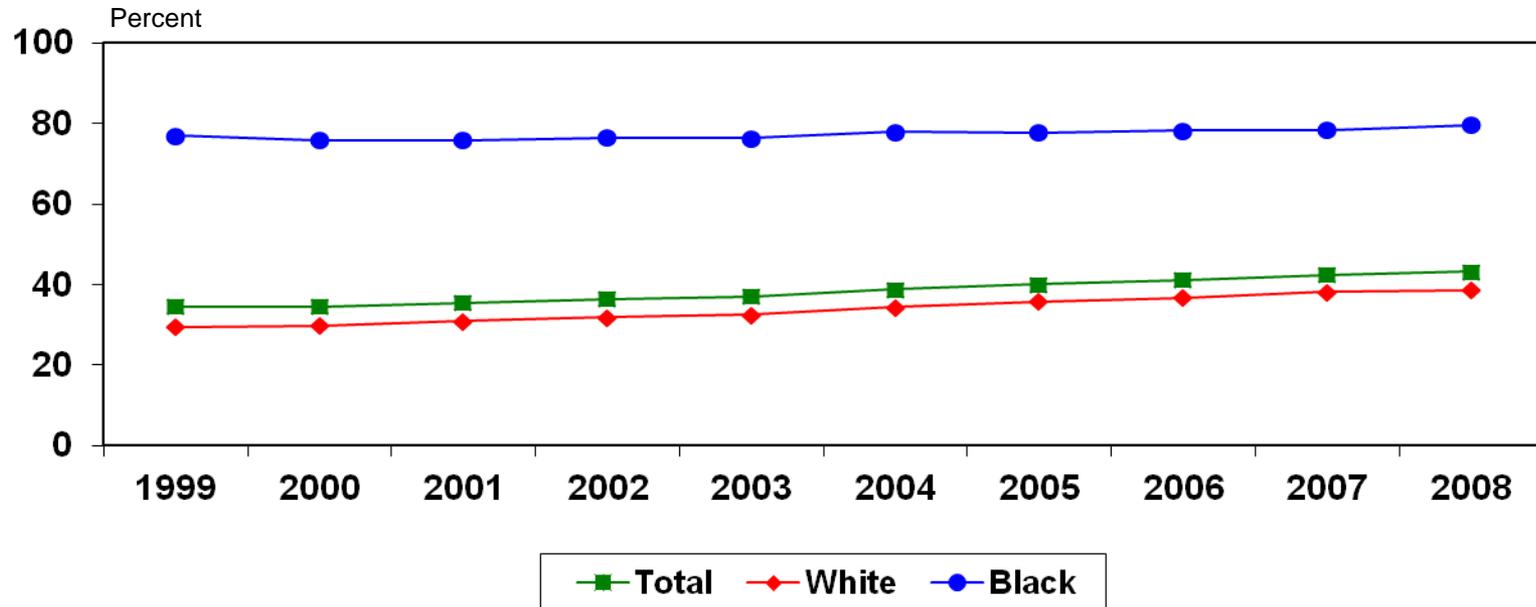
Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Race Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 56.8 | 58.0 | 61.1 | 62.4 | 63.2 | 63.8 | 65.3 | 66.5 | 67.1 | 68.5 |
| White | 59.0 | 60.2 | 63.1 | 64.4 | 65.5 | 65.8 | 67.6 | 68.5 | 69.3 | 70.6 |
| Black | 36.4 | 38.1 | 42.9 | 43.5 | 42.6 | 44.6 | 45.5 | 48.7 | 47.6 | 49.6 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

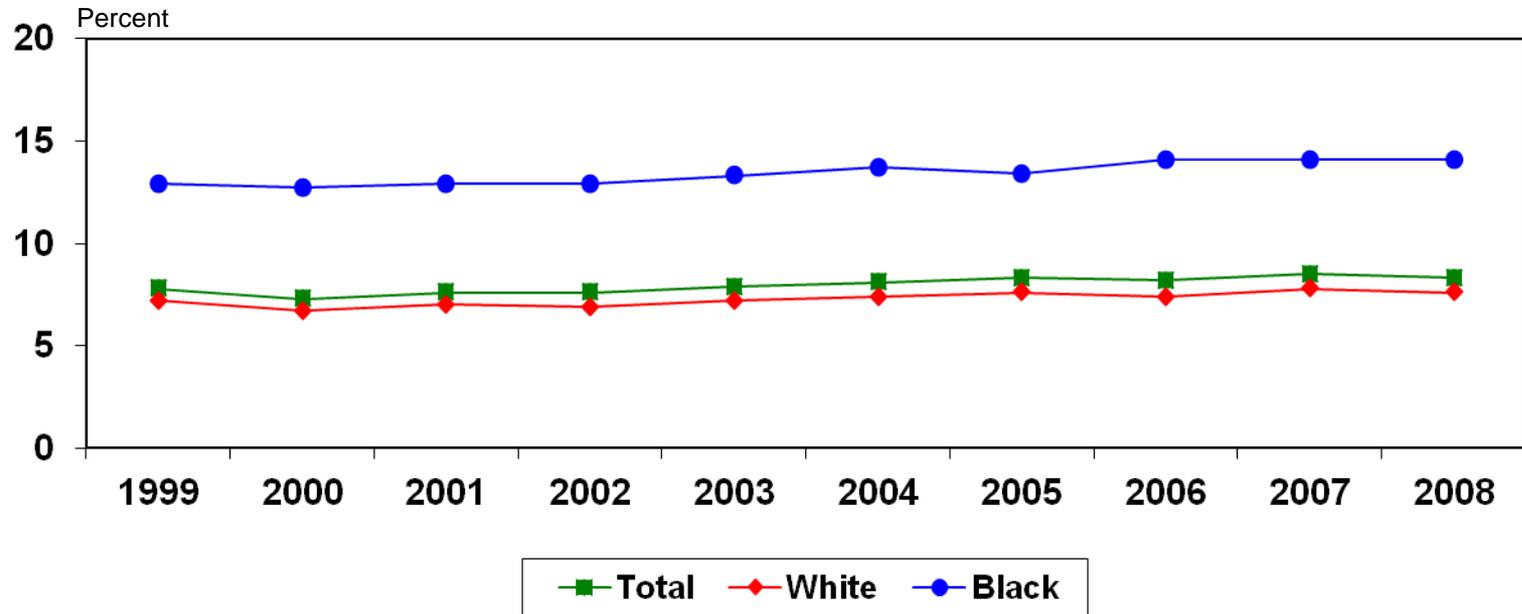
Percent of Live Births to Unmarried Mothers by Race of Mother Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 34.6 | 34.6 | 35.6 | 36.5 | 37.1 | 38.8 | 40.1 | 41.2 | 42.4 | 43.3 |
| White | 29.6 | 29.8 | 30.9 | 31.9 | 32.6 | 34.4 | 35.8 | 36.8 | 38.2 | 38.7 |
| Black | 77.0 | 75.9 | 75.8 | 76.5 | 76.3 | 77.9 | 77.7 | 78.2 | 78.4 | 79.6 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Low Birthweight Infants by Race of Mother Indiana Residents, 1999-2008

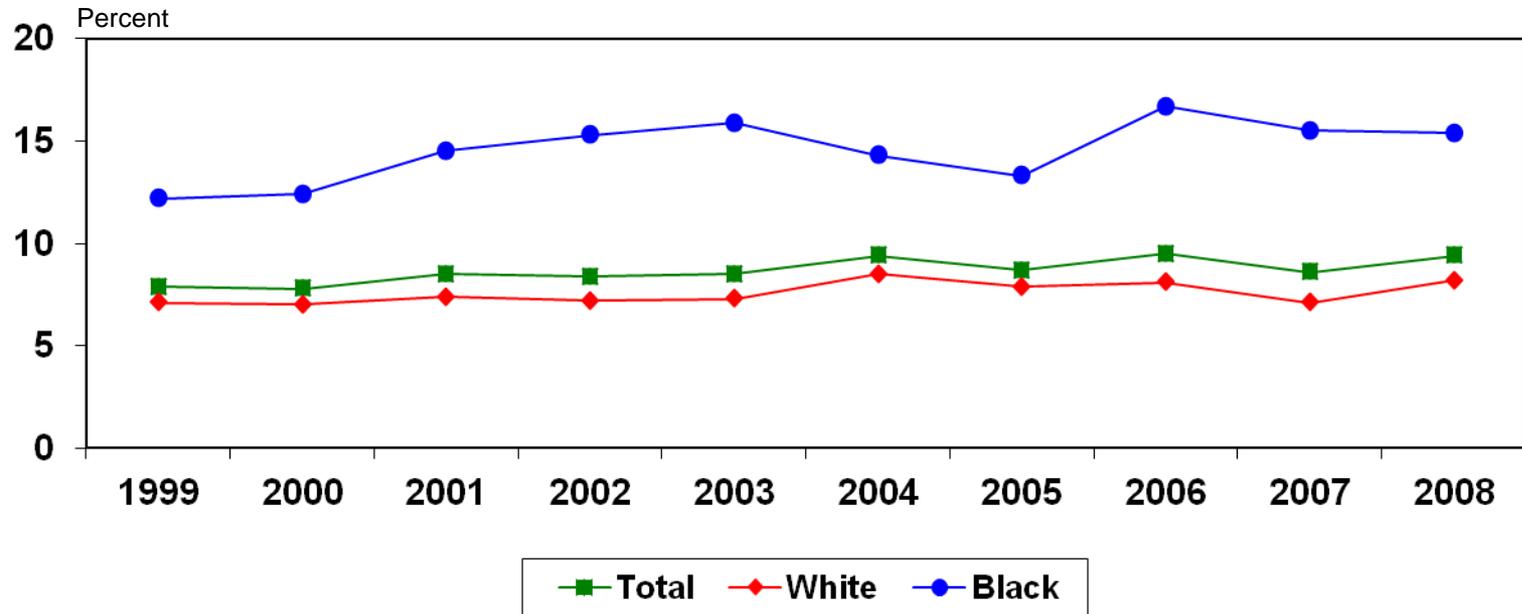


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 7.8 | 7.3 | 7.6 | 7.6 | 7.9 | 8.1 | 8.3 | 8.2 | 8.5 | 8.3 |
| White | 7.2 | 6.7 | 7.0 | 6.9 | 7.2 | 7.4 | 7.6 | 7.4 | 7.8 | 7.6 |
| Black | 12.9 | 12.7 | 12.9 | 12.9 | 13.3 | 13.7 | 13.4 | 14.1 | 14.1 | 14.1 |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Low Birthweight Infants by Race of Mother Allen County Residents, 1999-2008

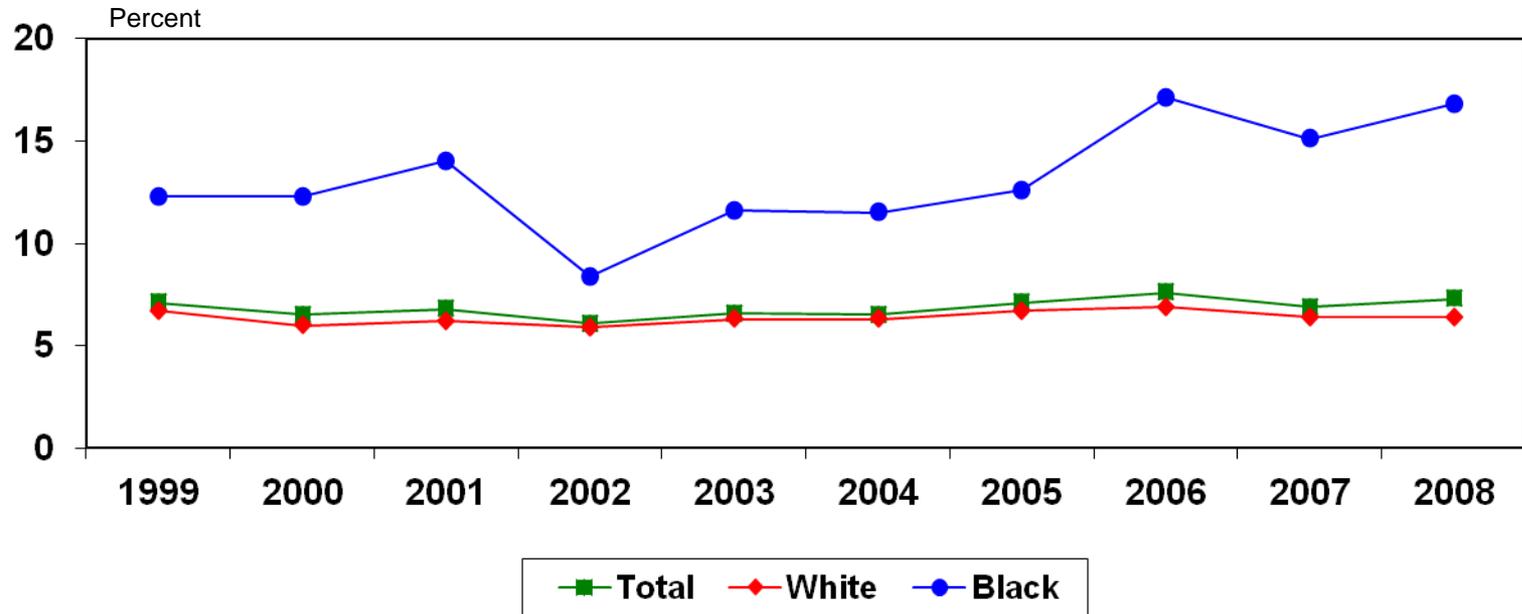


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 7.9 | 7.8 | 8.5 | 8.4 | 8.5 | 9.4 | 8.7 | 9.5 | 8.6 | 9.4 |
| White | 7.1 | 7.0 | 7.4 | 7.2 | 7.3 | 8.5 | 7.9 | 8.1 | 7.1 | 8.2 |
| Black | 12.2 | 12.4 | 14.5 | 15.3 | 15.9 | 14.3 | 13.3 | 16.7 | 15.5 | 15.4 |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Low Birthweight Infants by Race of Mother Elkhart County Residents, 1999-2008



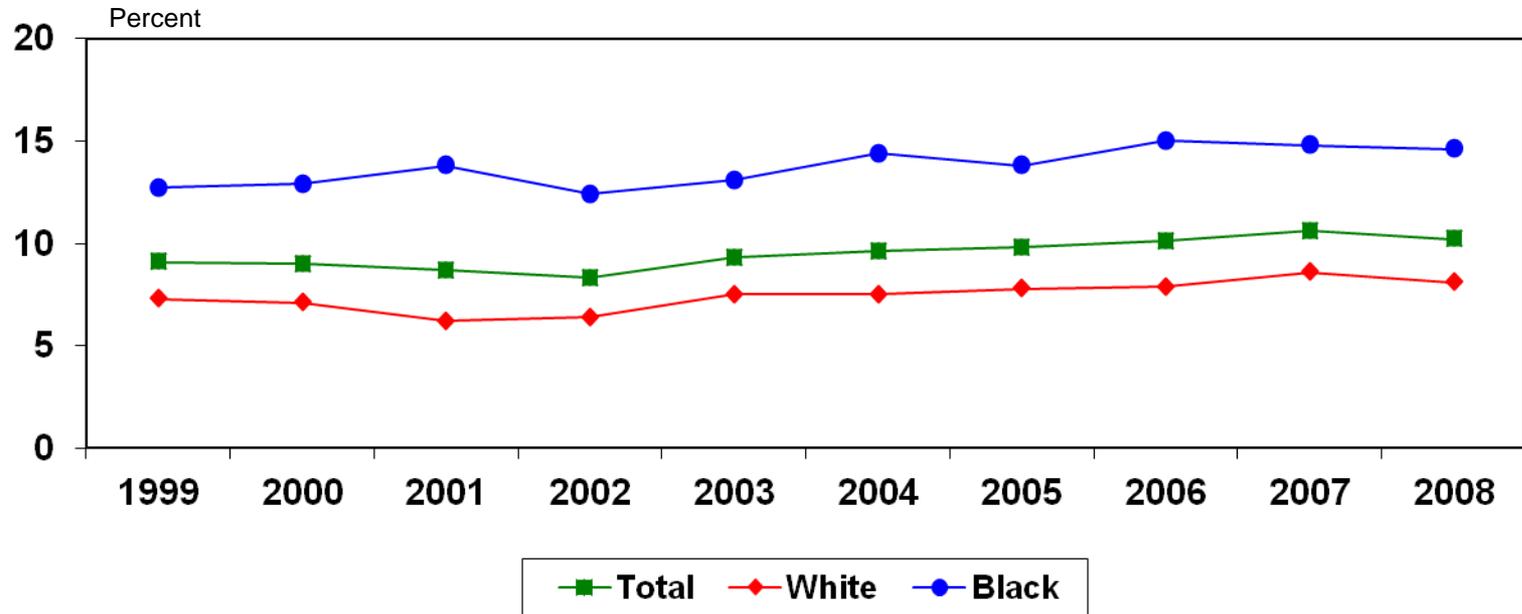
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 7.1 | 6.5 | 6.8 | 6.1 | 6.6 | 6.5 | 7.1 | 7.6 | 6.9 | 7.3 |
| White | 6.7 | 6.0 | 6.2 | 5.9 | 6.3 | 6.3 | 6.7 | 6.9 | 6.4 | 6.4 |
| Black | 12.3 | 12.3 | 14.0 | 8.4* | 11.6 | 11.5 | 12.6 | 17.1 | 15.1 | 16.8 |

*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, 2012

Percent of Low Birthweight Infants by Race of Mother Lake County Residents, 1999-2008

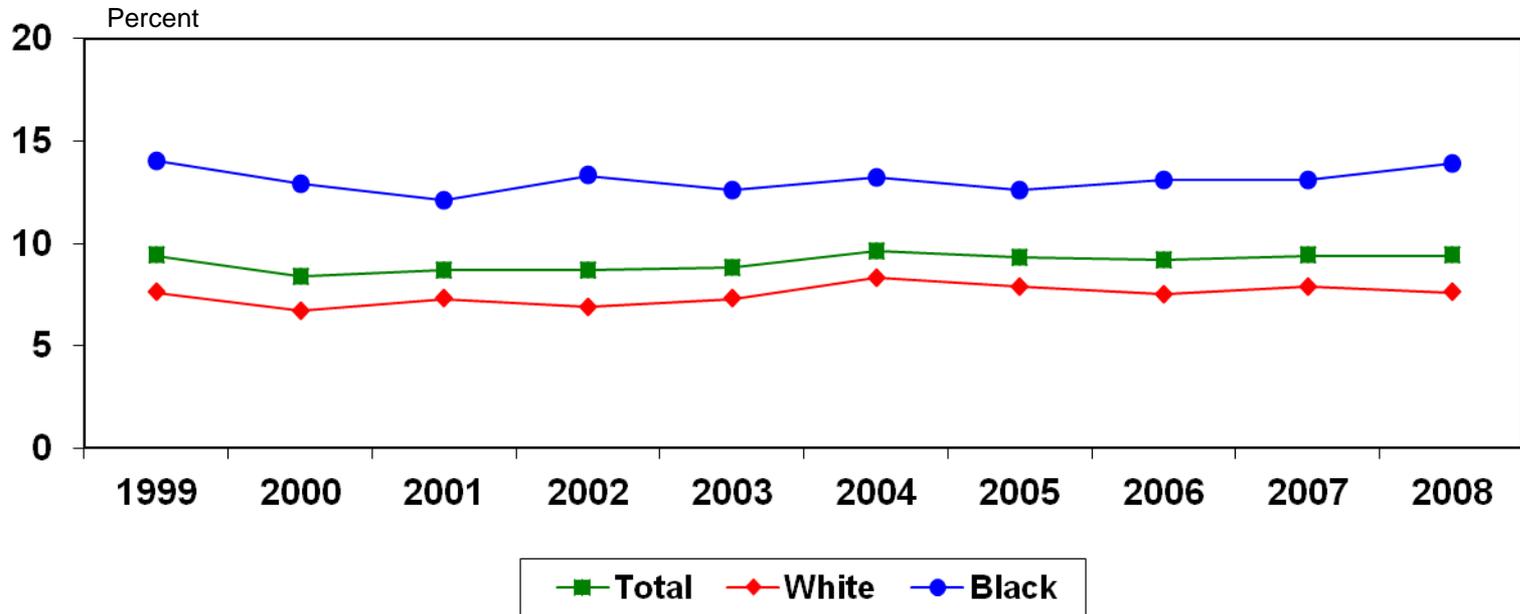


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 9.1 | 9.0 | 8.7 | 8.3 | 9.3 | 9.6 | 9.8 | 10.1 | 10.6 | 10.2 |
| White | 7.3 | 7.1 | 6.2 | 6.4 | 7.5 | 7.5 | 7.8 | 7.9 | 8.6 | 8.1 |
| Black | 12.7 | 12.9 | 13.8 | 12.4 | 13.1 | 14.4 | 13.8 | 15.0 | 14.8 | 14.6 |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Low Birthweight Infants by Race of Mother Marion County Residents, 1999-2008



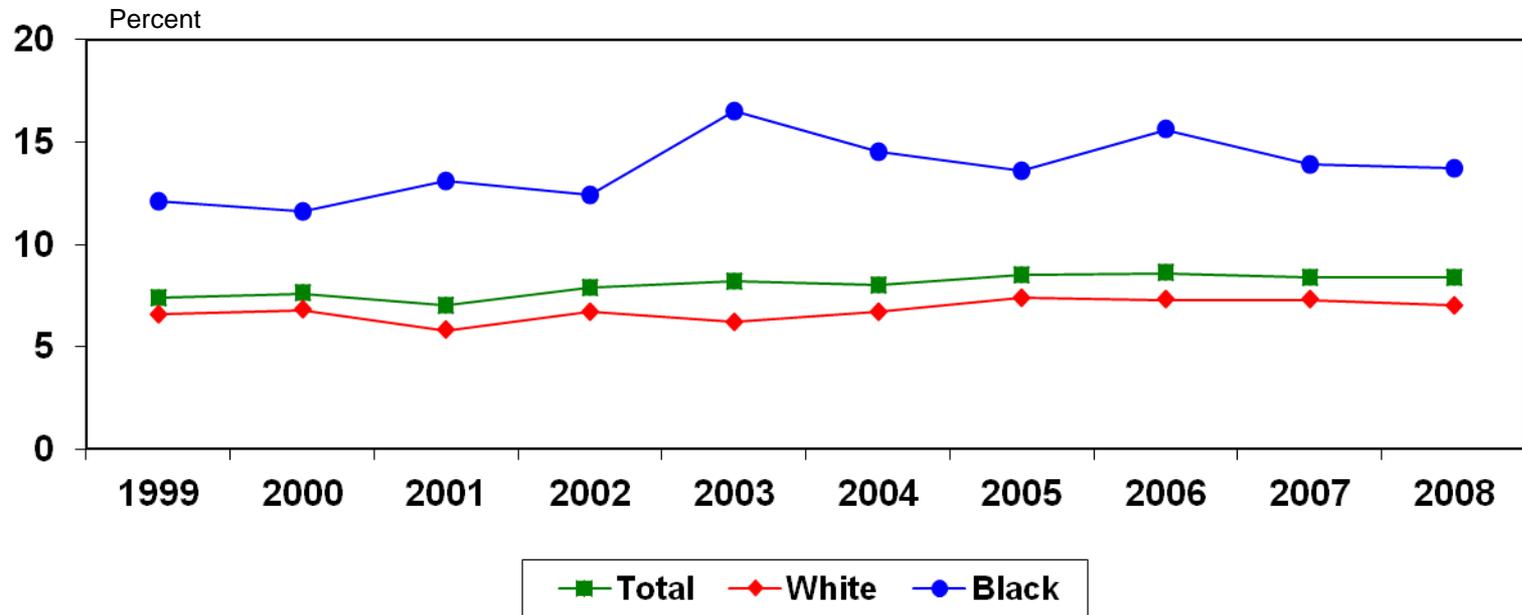
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 9.4 | 8.4 | 8.7 | 8.7 | 8.8 | 9.6 | 9.3 | 9.2 | 9.4 | 9.4 |
| White | 7.6 | 6.7 | 7.3 | 6.9 | 7.3 | 8.3 | 7.9 | 7.5 | 7.9 | 7.6 |
| Black | 14.0 | 12.9 | 12.1 | 13.3 | 12.6 | 13.2 | 12.6 | 13.1 | 13.1 | 13.9 |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Low Birthweight Infants by Race of Mother

St. Joseph County Residents, 1999-2008



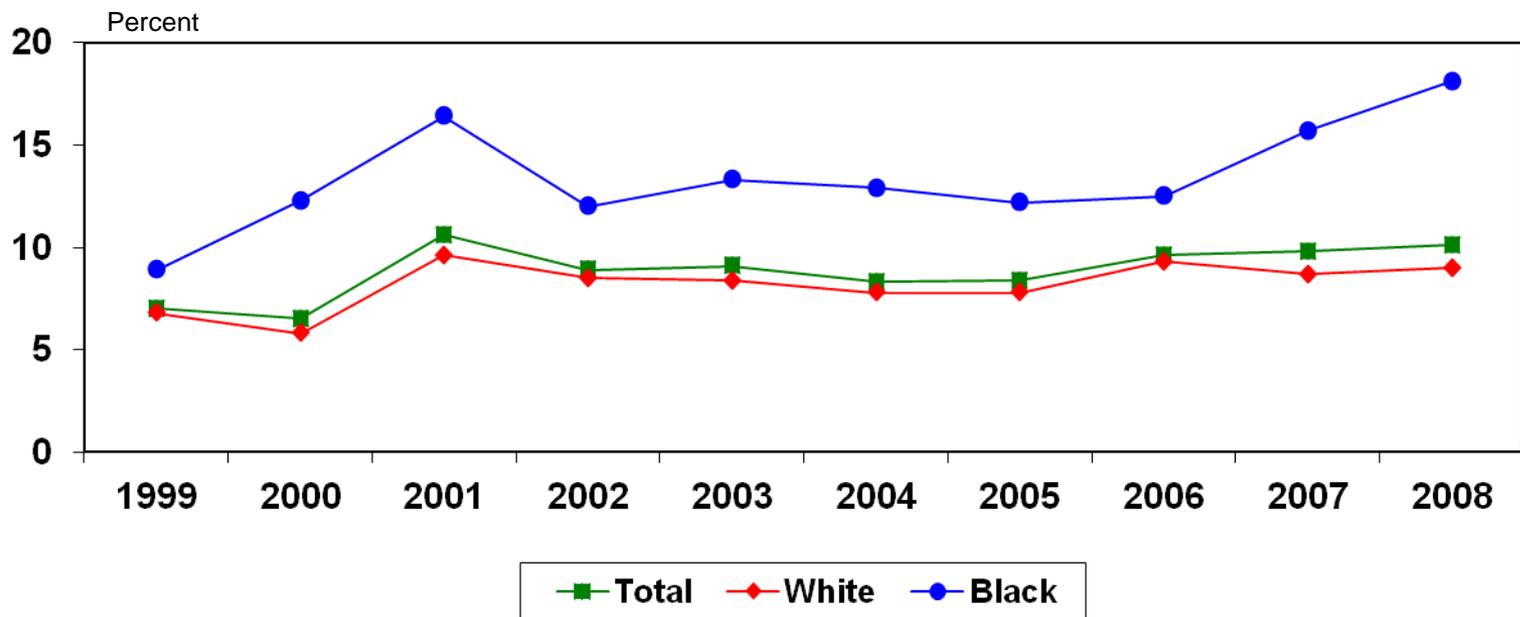
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 7.4 | 7.6 | 7.0 | 7.9 | 8.2 | 8.0 | 8.5 | 8.6 | 8.4 | 8.4 |
| White | 6.6 | 6.8 | 5.8 | 6.7 | 6.2 | 6.7 | 7.4 | 7.3 | 7.3 | 7.0 |
| Black | 12.1 | 11.6 | 13.1 | 12.4 | 16.5 | 14.5 | 13.6 | 15.6 | 13.9 | 13.7 |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Low Birthweight Infants by Race of Mother

Vanderburgh County Residents, 1999-2008

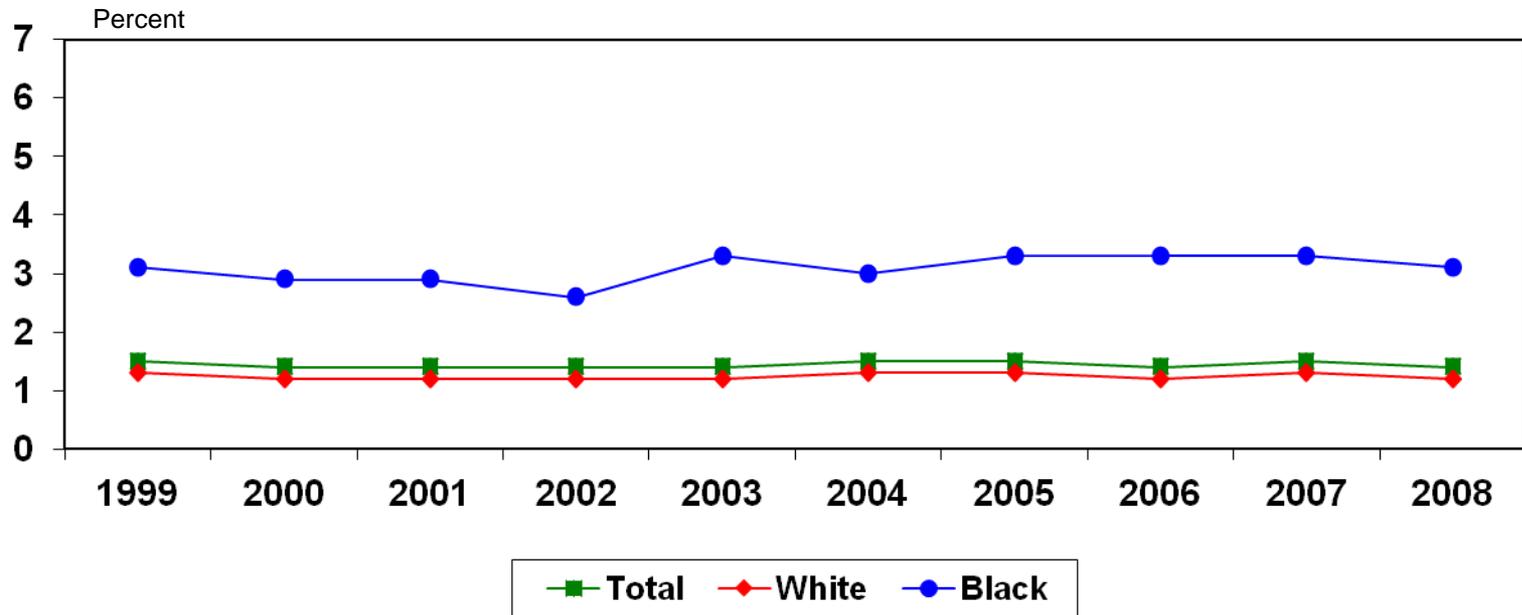


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 7.0 | 6.5 | 10.6 | 8.9 | 9.1 | 8.3 | 8.4 | 9.6 | 9.8 | 10.1 |
| White | 6.8 | 5.8 | 9.6 | 8.5 | 8.4 | 7.8 | 7.8 | 9.3 | 8.7 | 9.0 |
| Black | 8.9 | 12.3 | 16.4 | 12.0 | 13.3 | 12.9 | 12.2 | 12.5 | 15.7 | 18.1 |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Very Low Birthweight Infants by Race of Mother Indiana Residents, 1999-2008

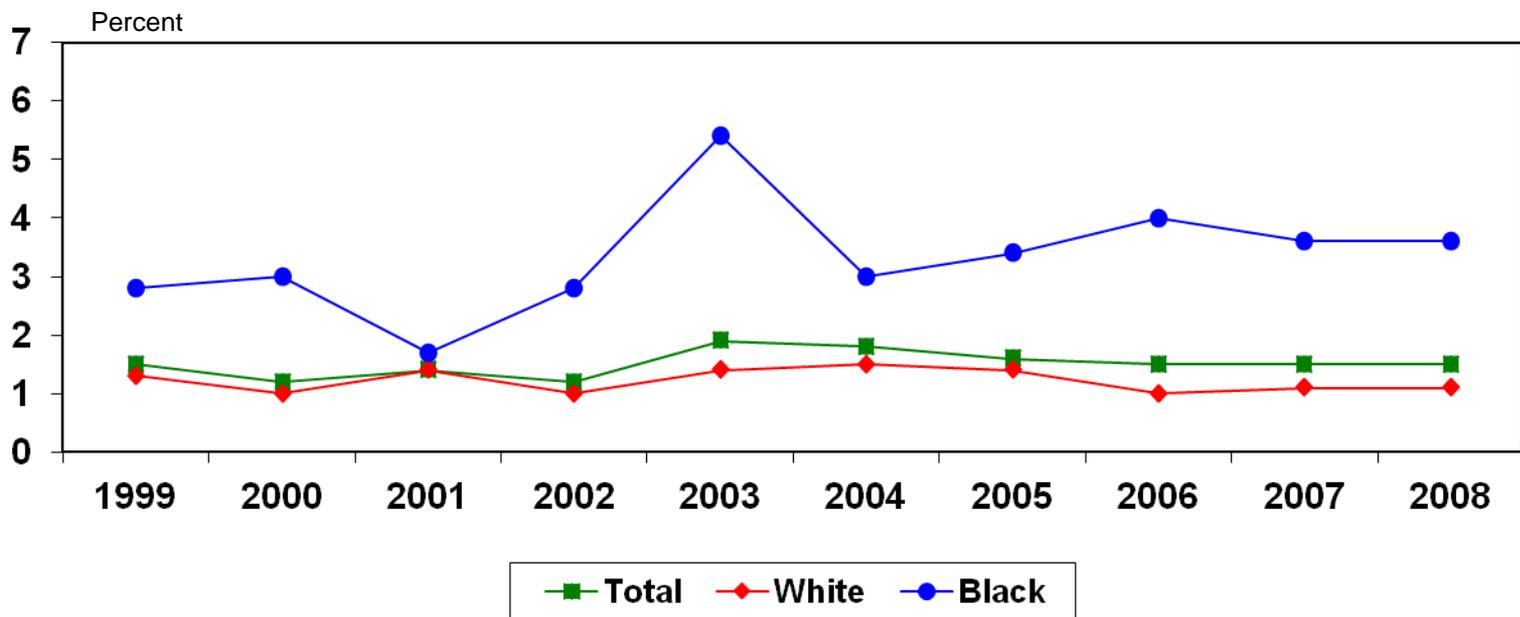


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.4 | 1.5 | 1.4 |
| White | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.2 | 1.3 | 1.2 |
| Black | 3.1 | 2.9 | 2.9 | 2.6 | 3.3 | 3.0 | 3.3 | 3.3 | 3.3 | 3.1 |

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Very Low Birthweight Infants by Race of Mother Allen County Residents, 1999-2008



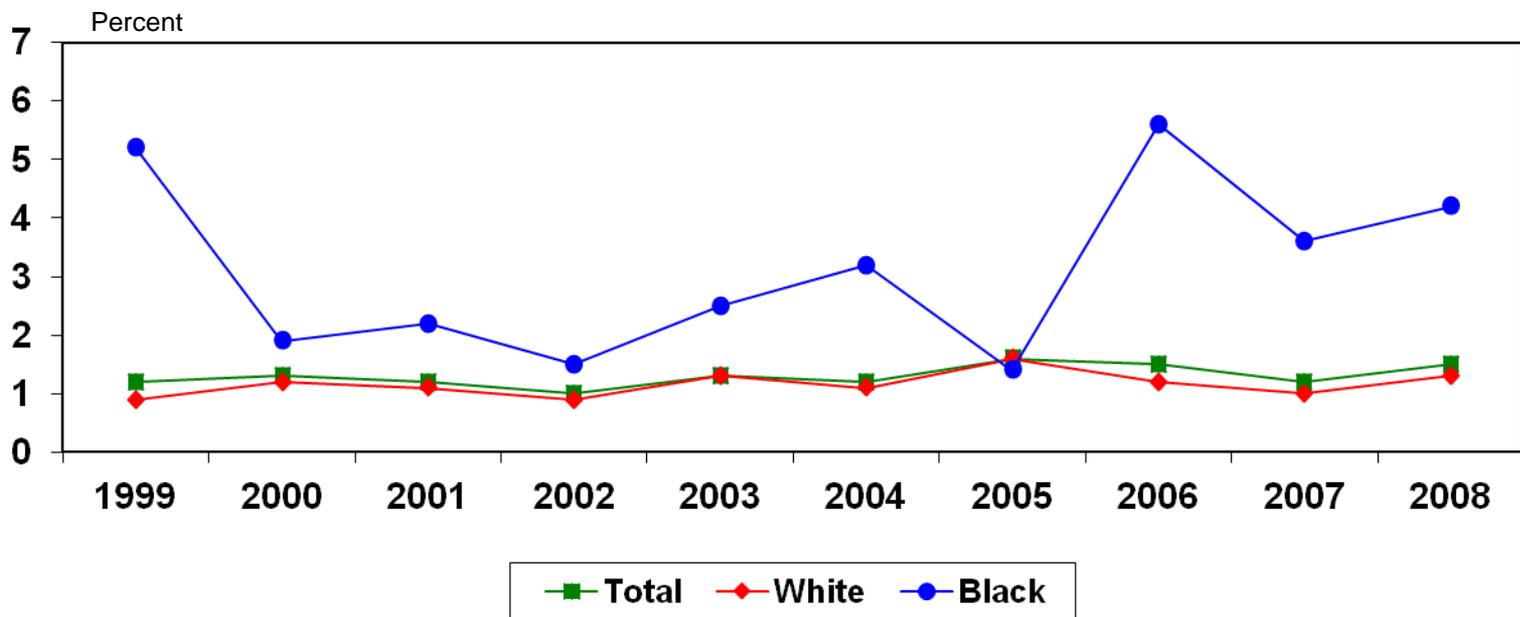
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 1.5 | 1.2 | 1.4 | 1.2 | 1.9 | 1.8 | 1.6 | 1.5 | 1.5 | 1.5 |
| White | 1.3 | 1.0 | 1.4 | 1.0 | 1.4 | 1.5 | 1.4 | 1.0 | 1.1 | 1.1 |
| Black | 2.8 | 3.0 | 1.7* | 2.8 | 5.4 | 3.0 | 3.4 | 4.0 | 3.6 | 3.6 |

*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, 2012

Percent of Very Low Birthweight Infants by Race of Mother Elkhart County Residents, 1999-2008



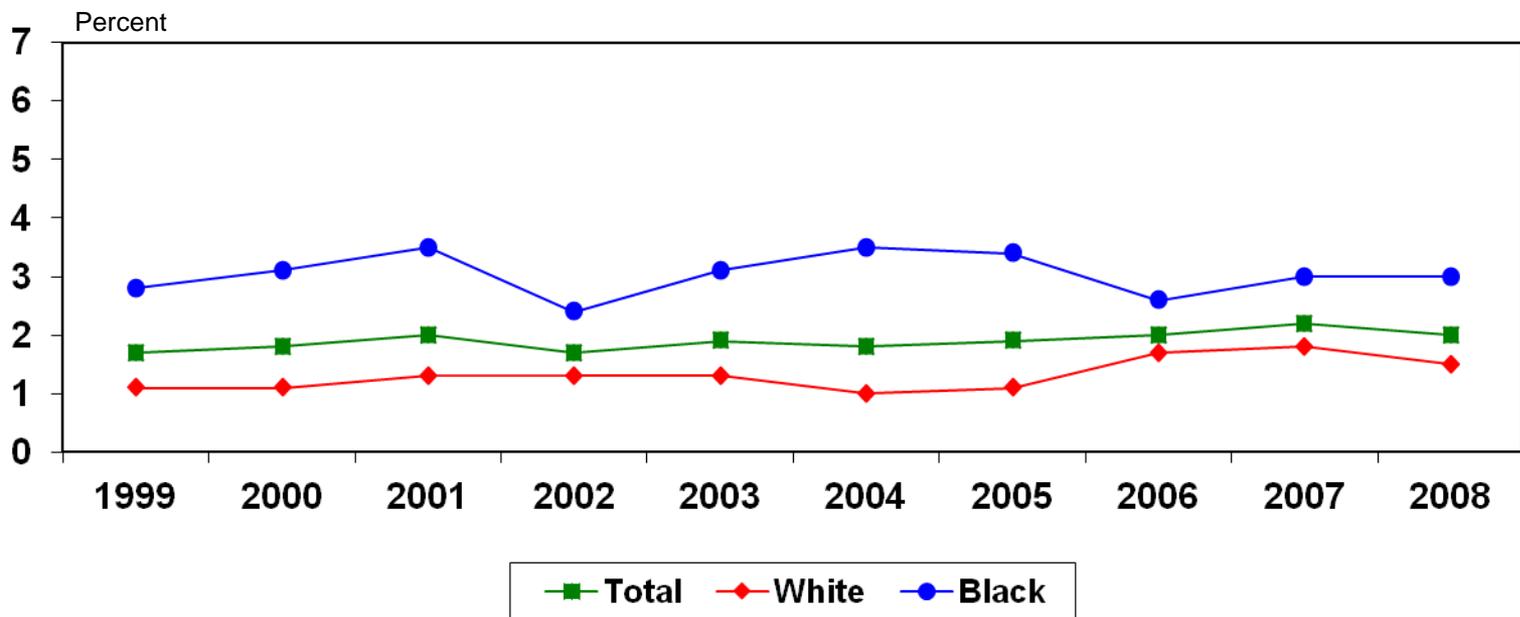
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total | 1.2 | 1.3 | 1.2 | 1.0 | 1.3 | 1.2 | 1.6 | 1.5 | 1.2 | 1.5 |
| White | 0.9 | 1.2 | 1.1 | 0.9 | 1.3 | 1.1 | 1.6 | 1.2 | 1.0 | 1.3 |
| Black | 5.2* | 1.9* | 2.2* | 1.5* | 2.5* | 3.2* | 1.4* | 5.6* | 3.6* | 4.2* |

*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, 2012

Percent of Very Low Birthweight Infants by Race of Mother Lake County Residents, 1999-2008



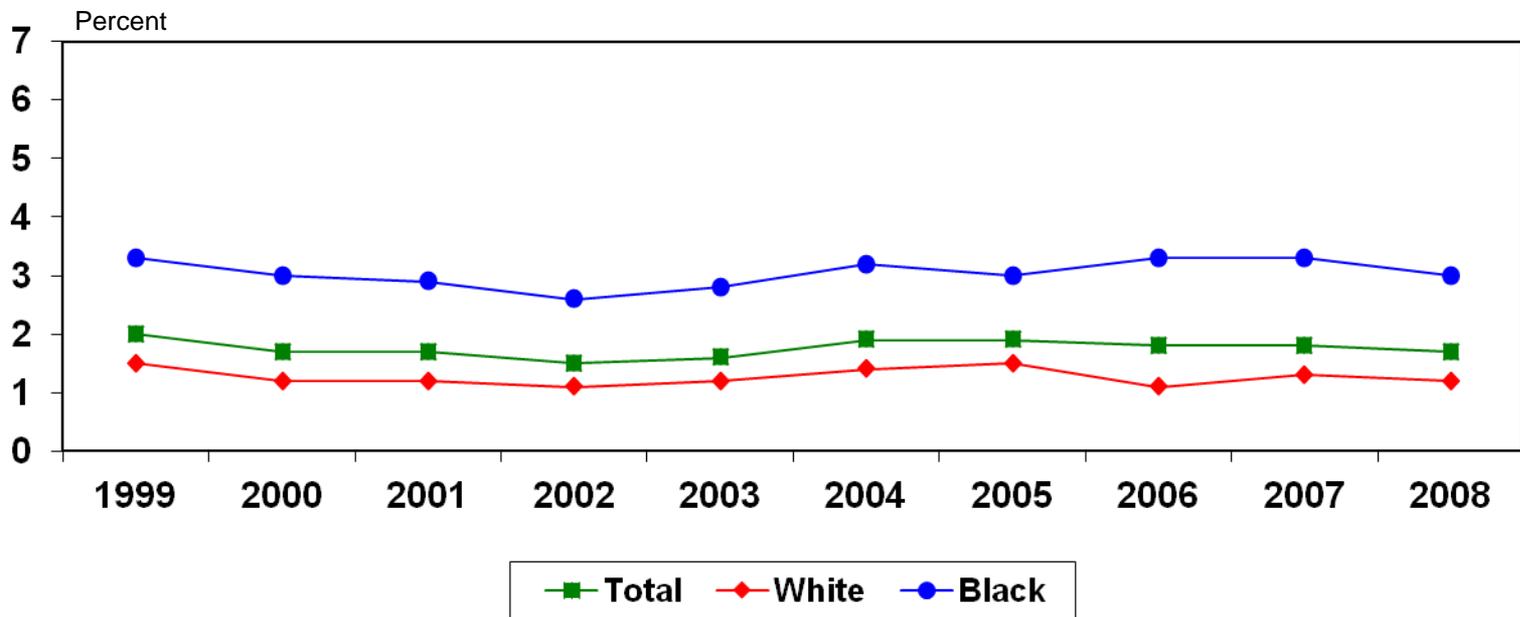
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 1.7 | 1.8 | 2.0 | 1.7 | 1.9 | 1.8 | 1.9 | 2.0 | 2.2 | 2.0 |
| White | 1.1 | 1.1 | 1.3 | 1.3 | 1.3 | 1.0 | 1.1 | 1.7 | 1.8 | 1.5 |
| Black | 2.8 | 3.1 | 3.5 | 2.4 | 3.1 | 3.5 | 3.4 | 2.6 | 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, 2012

Percent of Very Low Birthweight Infants by Race of Mother

Marion County Residents, 1999-2008



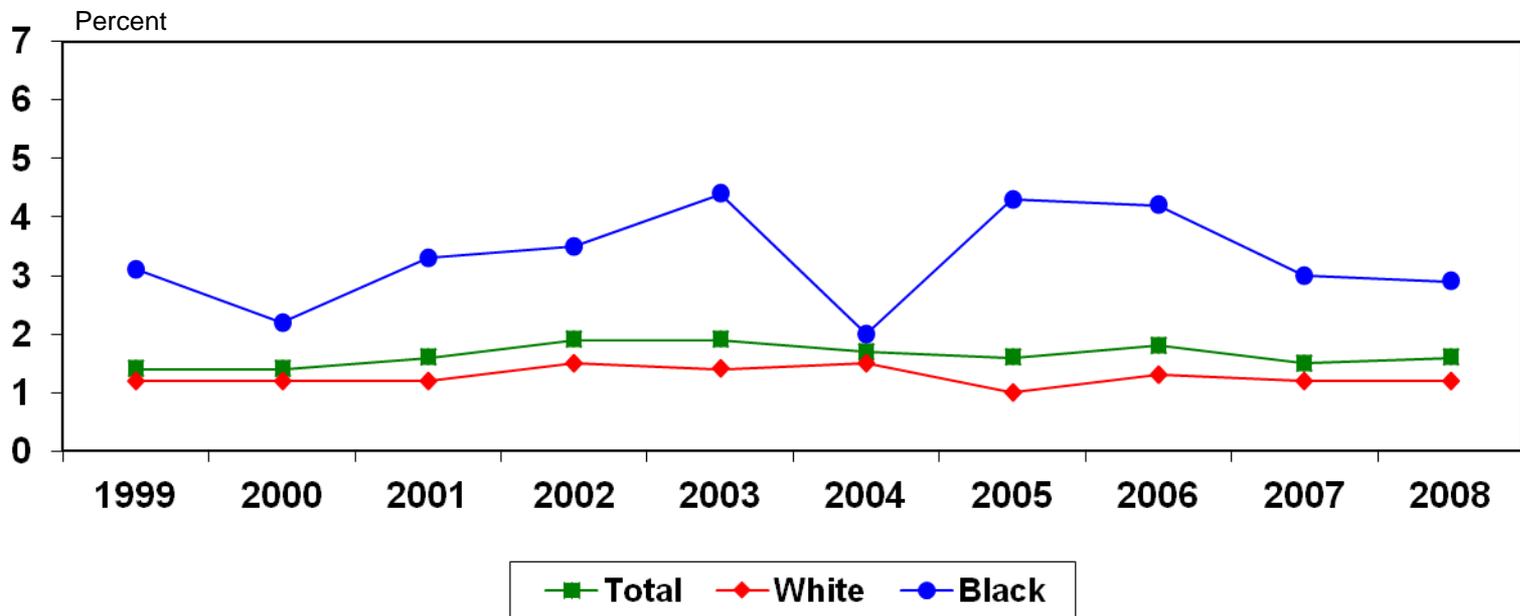
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 2.0 | 1.7 | 1.7 | 1.5 | 1.6 | 1.9 | 1.9 | 1.8 | 1.8 | 1.7 |
| White | 1.5 | 1.2 | 1.2 | 1.1 | 1.2 | 1.4 | 1.5 | 1.1 | 1.3 | 1.2 |
| Black | 3.3 | 3.0 | 2.9 | 2.6 | 2.8 | 3.2 | 3.0 | 3.3 | 3.3 | 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, 2012

Percent of Very Low Birthweight Infants by Race of Mother

St. Joseph County Residents, 1999-2008



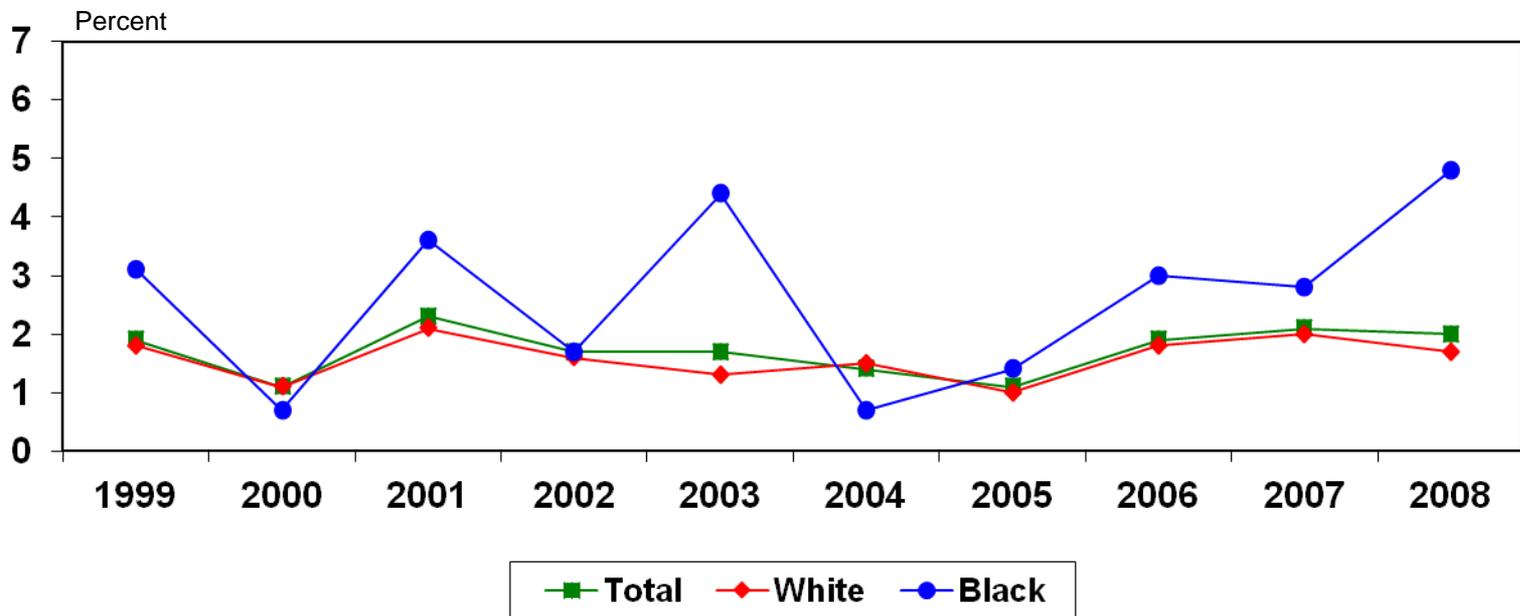
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------------|-------------|------|------|------|-------------|------|------|------|------|
| Total | 1.4 | 1.4 | 1.6 | 1.9 | 1.9 | 1.7 | 1.6 | 1.8 | 1.5 | 1.6 |
| White | 1.2 | 1.2 | 1.2 | 1.5 | 1.4 | 1.5 | 1.0 | 1.3 | 1.2 | 1.2 |
| Black | 3.1* | 2.2* | 3.3 | 3.5 | 4.4 | 2.0* | 4.3 | 4.2 | 3.0 | 2.9 |

*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, 2012

Percent of Very Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 1999-2008



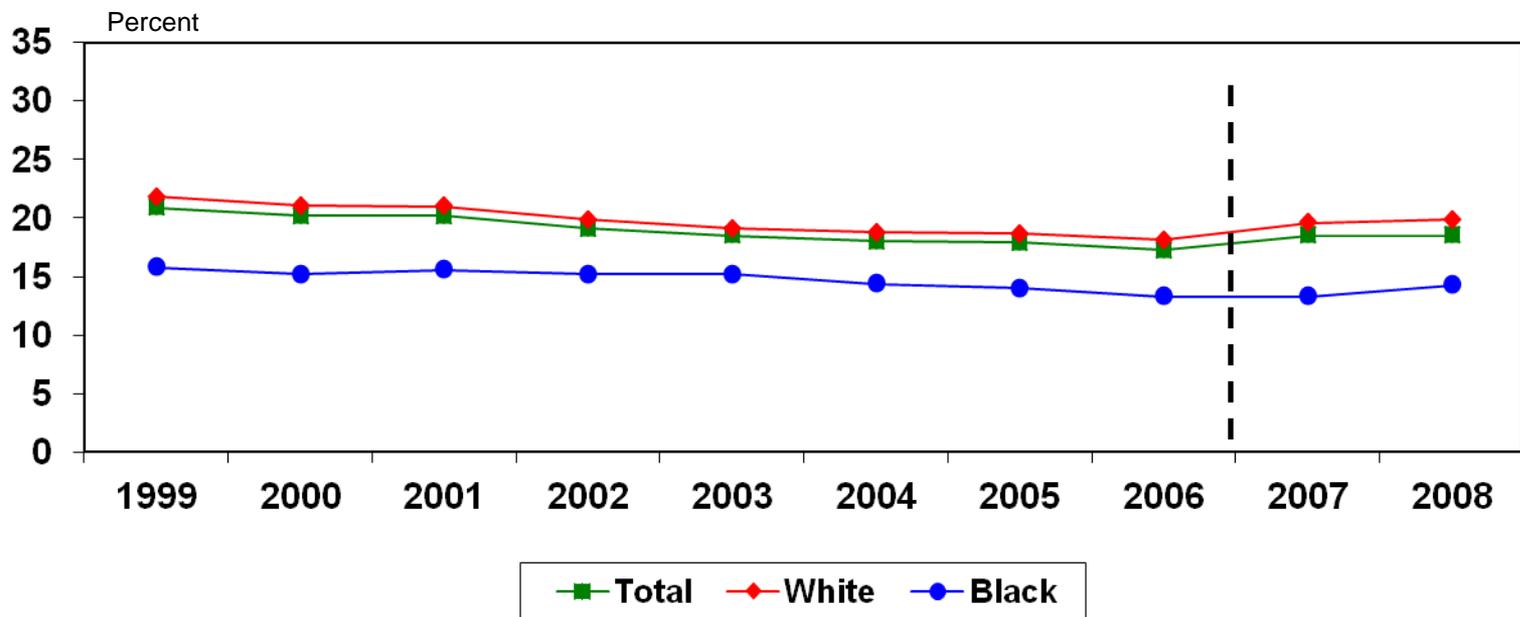
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total | 1.9 | 1.1 | 2.3 | 1.7 | 1.7 | 1.4 | 1.1 | 1.9 | 2.1 | 2.0 |
| White | 1.8 | 1.1 | 2.1 | 1.6 | 1.3 | 1.5 | 1.0 | 1.8 | 2.0 | 1.7 |
| Black | 3.1* | 0.7* | 3.6* | 1.7* | 4.4* | 0.7* | 1.4* | 3.0* | 2.8* | 4.8* |

*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, 2012

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Indiana Residents, 1999-2008



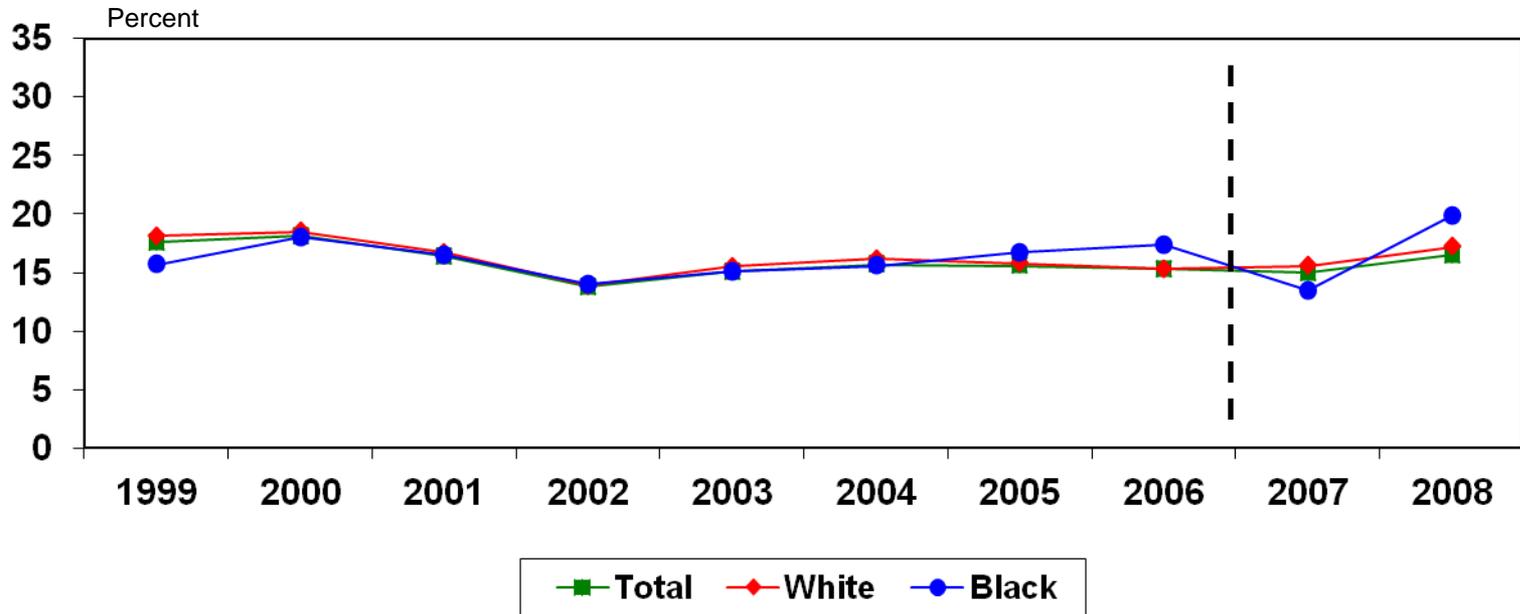
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 20.9 | 20.2 | 20.2 | 19.1 | 18.5 | 18.0 | 17.9 | 17.3 | 18.5 | 18.5 |
| White | 21.8 | 21.1 | 21.0 | 19.9 | 19.1 | 18.8 | 18.7 | 18.1 | 19.6 | 19.9 |
| Black | 15.8 | 15.2 | 15.6 | 15.2 | 15.2 | 14.4 | 14.0 | 13.3 | 13.3 | 14.3 |

*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, 2012

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

Allen County Residents, 1999-2008



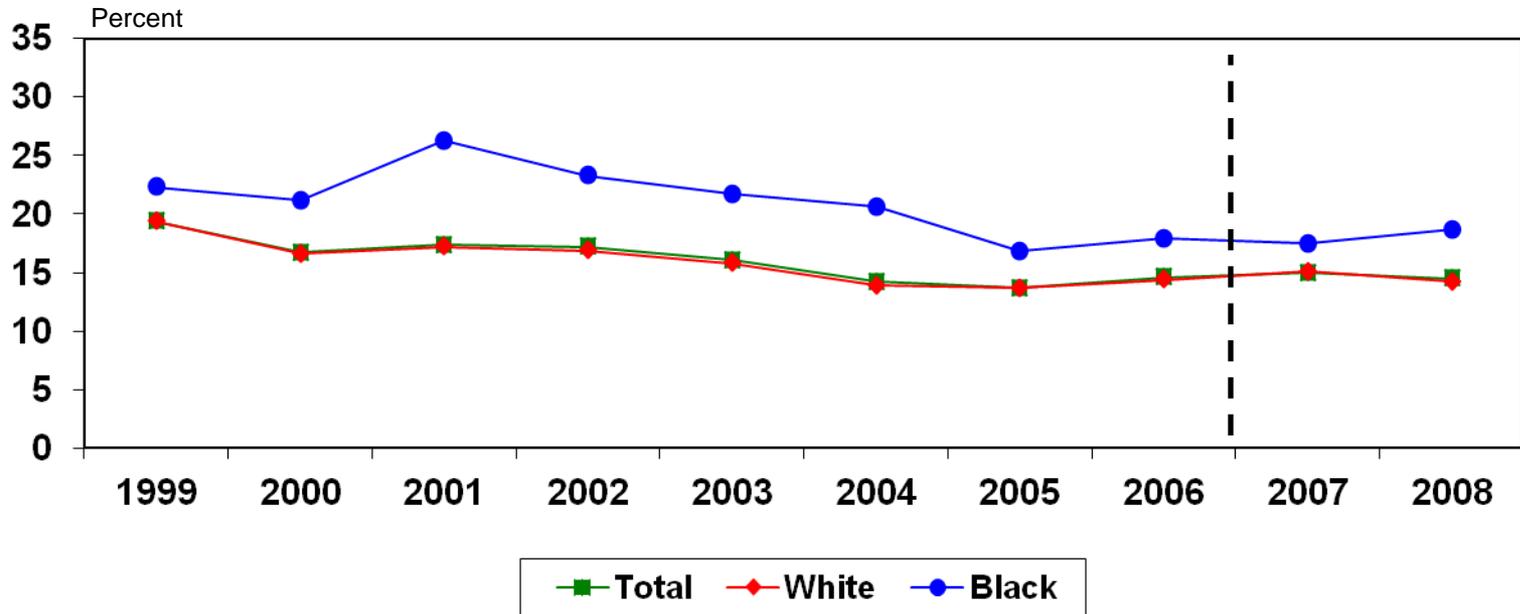
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 17.6 | 18.1 | 16.4 | 13.8 | 15.1 | 15.7 | 15.6 | 15.3 | 15.0 | 16.5 |
| White | 18.1 | 18.5 | 16.7 | 13.9 | 15.5 | 16.2 | 15.8 | 15.3 | 15.6 | 17.2 |
| Black | 15.7 | 18.0 | 16.5 | 14.0 | 15.1 | 15.6 | 16.7 | 17.4 | 13.5 | 19.9 |

*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, 2012

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

Elkhart County Residents, 1999-2008

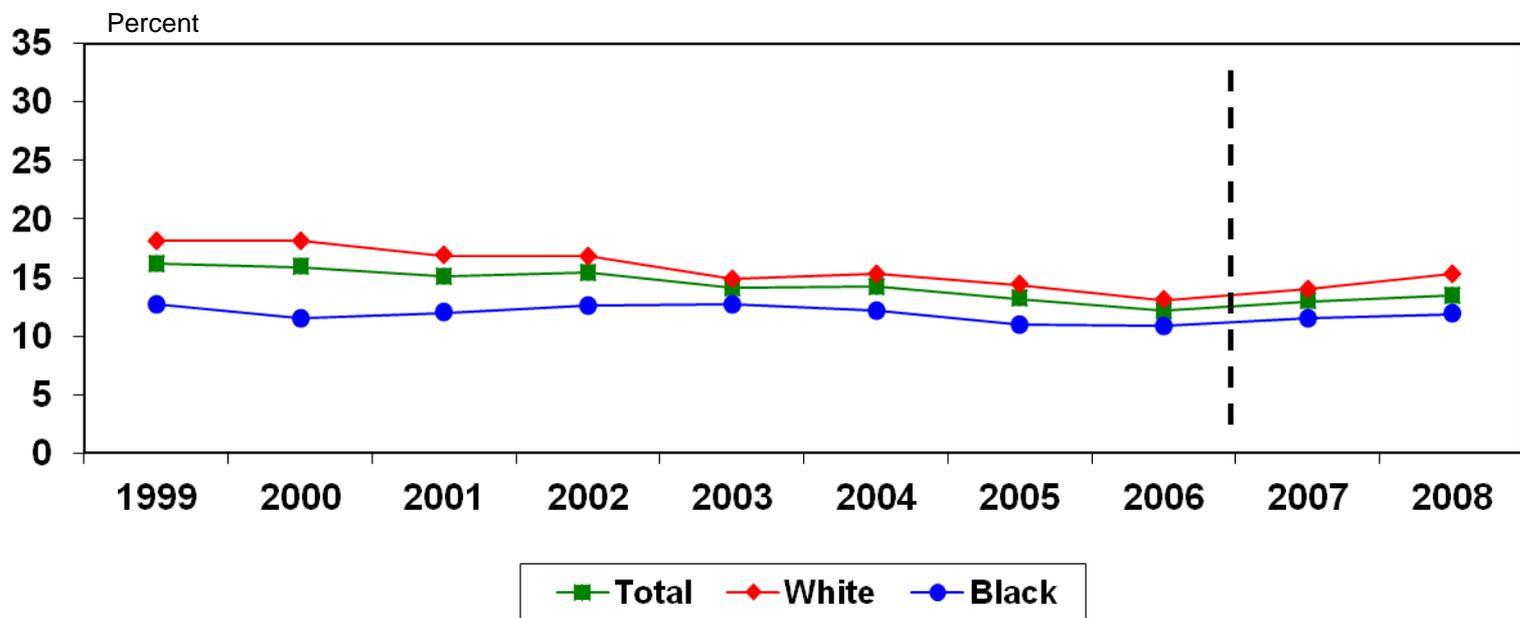


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 19.4 | 16.7 | 17.4 | 17.2 | 16.1 | 14.2 | 13.7 | 14.6 | 15.0 | 14.5 |
| White | 19.4 | 16.6 | 17.2 | 16.9 | 15.8 | 13.9 | 13.7 | 14.4 | 15.1 | 14.2 |
| Black | 22.3 | 21.2 | 26.3 | 23.3 | 21.7 | 20.6 | 16.8 | 17.9 | 17.5 | 18.7 |

*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, 2012

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Lake County Residents, 1999-2008

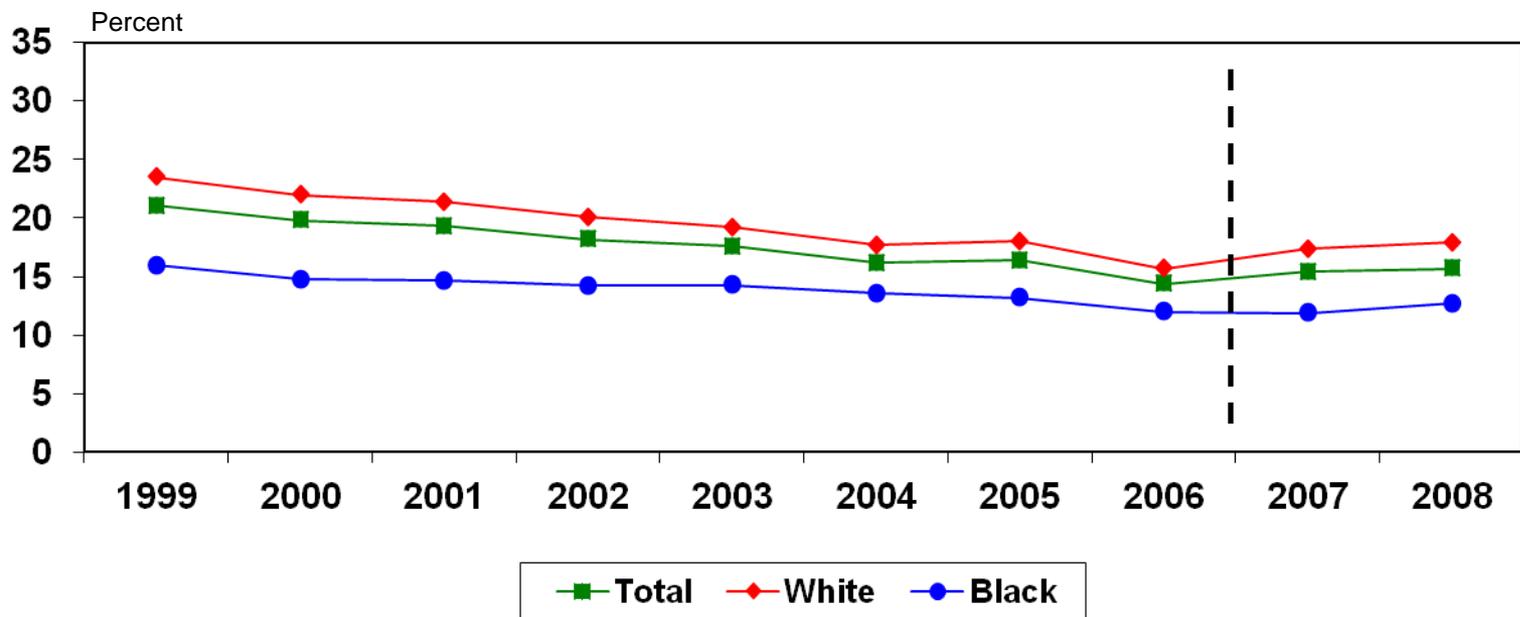


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 16.2 | 15.9 | 15.1 | 15.4 | 14.1 | 14.2 | 13.2 | 12.2 | 13.0 | 13.5 |
| White | 18.1 | 18.1 | 16.9 | 16.8 | 14.9 | 15.3 | 14.4 | 13.1 | 14.0 | 15.3 |
| Black | 12.7 | 11.5 | 12.0 | 12.6 | 12.7 | 12.2 | 11.0 | 10.9 | 11.5 | 11.9 |

*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, 2012

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Marion County Residents, 1999-2008



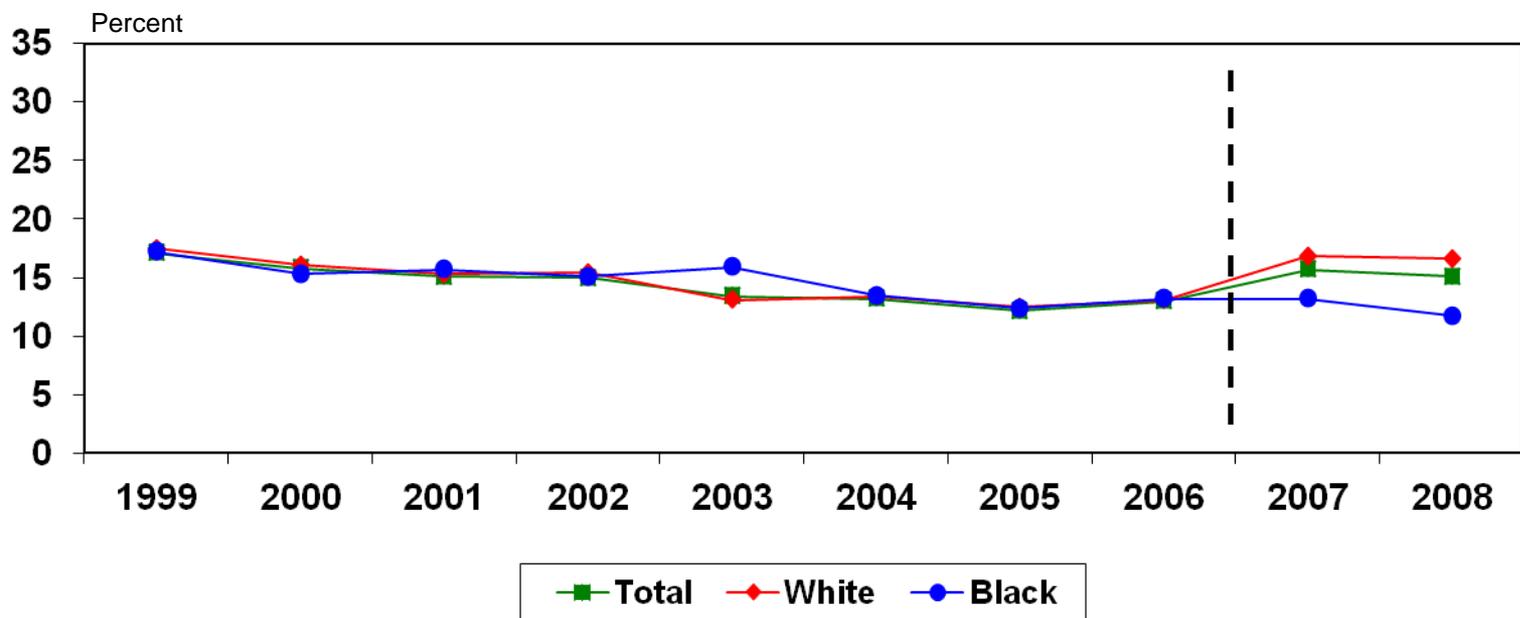
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 21.1 | 19.8 | 19.3 | 18.2 | 17.6 | 16.2 | 16.4 | 14.4 | 15.4 | 15.7 |
| White | 23.5 | 22.0 | 21.4 | 20.1 | 19.2 | 17.7 | 18.0 | 15.7 | 17.4 | 17.9 |
| Black | 16.0 | 14.8 | 14.7 | 14.2 | 14.3 | 13.6 | 13.2 | 12.0 | 11.9 | 12.7 |

*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, 2012

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

St. Joseph County Residents, 1999-2008

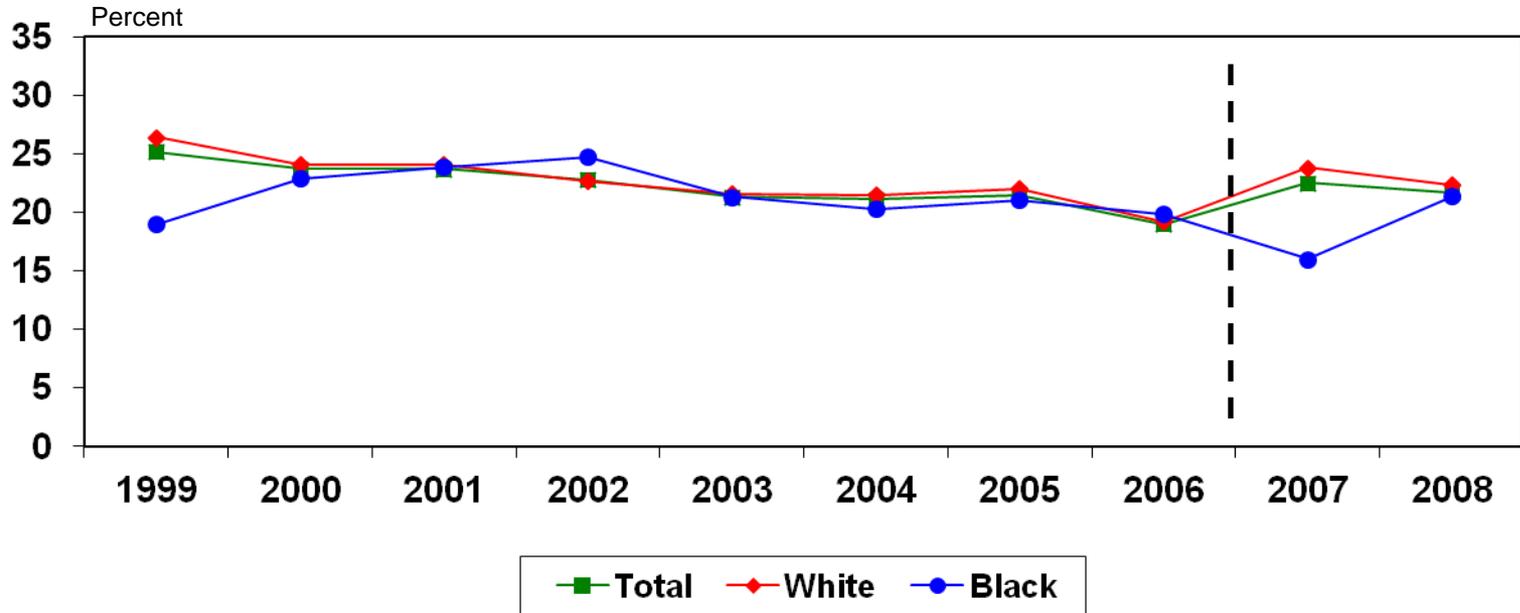


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 17.1 | 15.8 | 15.1 | 15.0 | 13.4 | 13.2 | 12.2 | 13.0 | 15.7 | 15.1 |
| White | 17.5 | 16.1 | 15.3 | 15.4 | 13.1 | 13.4 | 12.5 | 13.1 | 16.8 | 16.6 |
| Black | 17.2 | 15.3 | 15.7 | 15.1 | 15.9 | 13.5 | 12.4 | 13.2 | 13.2 | 11.7 |

*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, 2012

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Vanderburgh County Residents, 1999-2008

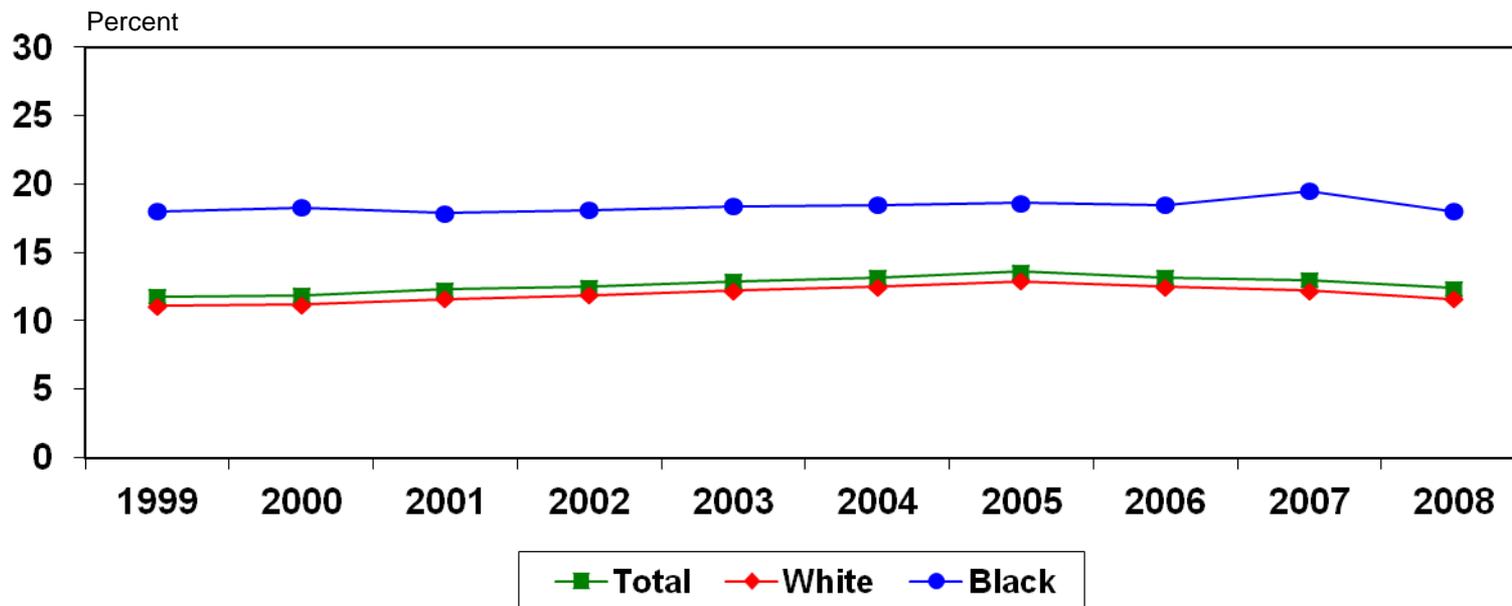


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 25.2 | 23.7 | 23.7 | 22.8 | 21.3 | 21.1 | 21.5 | 19.0 | 22.5 | 21.7 |
| White | 26.4 | 24.1 | 24.1 | 22.7 | 21.6 | 21.5 | 22.0 | 19.2 | 23.8 | 22.3 |
| Black | 19.0 | 22.9 | 23.9 | 24.7 | 21.3 | 20.3 | 21.0 | 19.8 | 16.0 | 21.4 |

*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, 2012

Percent of Preterm Births** by Race of Mother Indiana Residents, 1999-2008



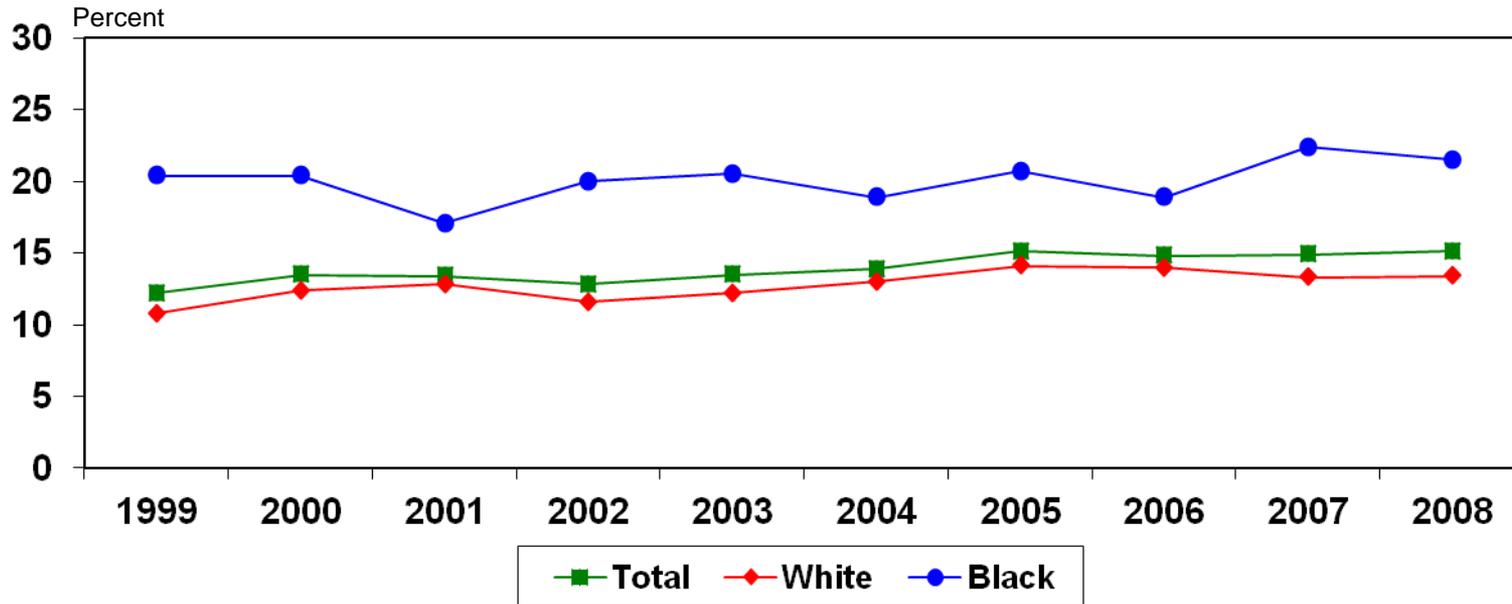
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 11.8 | 11.9 | 12.3 | 12.5 | 12.9 | 13.2 | 13.6 | 13.2 | 13.0 | 12.4 |
| White | 11.1 | 11.2 | 11.6 | 11.9 | 12.2 | 12.5 | 12.9 | 12.5 | 12.2 | 11.6 |
| Black | 18.0 | 18.3 | 17.9 | 18.1 | 18.4 | 18.5 | 18.6 | 18.5 | 19.5 | 18.0 |

**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 2008 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, 2012

Percent of Preterm Births** by Race of Mother Allen County Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 12.2 | 13.5 | 13.4 | 12.8 | 13.5 | 13.9 | 15.1 | 14.8 | 14.9 | 15.1 |
| White | 10.8 | 12.4 | 12.8 | 11.6 | 12.2 | 13.0 | 14.1 | 14.0 | 13.3 | 13.4 |
| Black | 20.4 | 20.4 | 17.1 | 20.0 | 20.5 | 18.9 | 20.7 | 18.9 | 22.4 | 21.5 |

**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 2008 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.

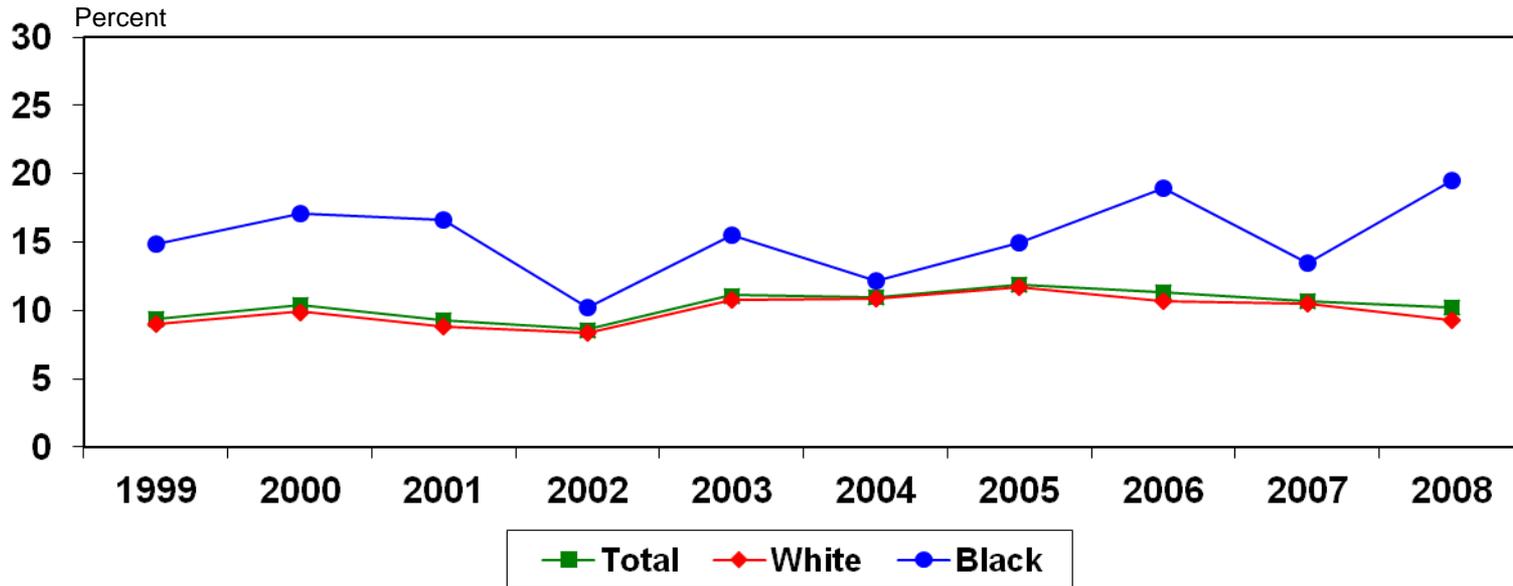
Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Preterm Births**

by Race of Mother

Elkhart County Residents, 1999-2008



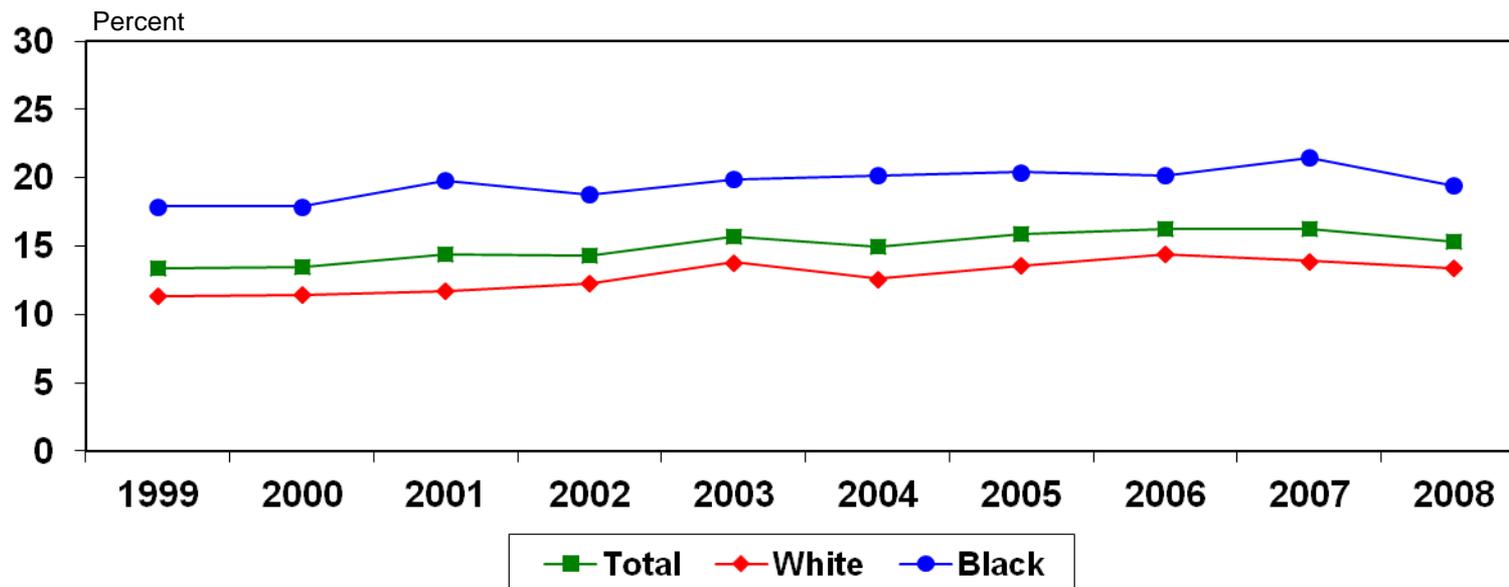
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 9.4 | 10.4 | 9.3 | 8.6 | 11.1 | 11.0 | 11.9 | 11.3 | 10.7 | 10.2 |
| White | 9.0 | 9.9 | 8.8 | 8.4 | 10.8 | 10.9 | 11.7 | 10.7 | 10.5 | 9.3 |
| Black | 14.9 | 17.1 | 16.6 | 10.2 | 15.5 | 12.2 | 15.0 | 19.0 | 13.5 | 19.5 |

**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 2008 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, 2012

Percent of Preterm Births** by Race of Mother Lake County Residents, 1999-2008



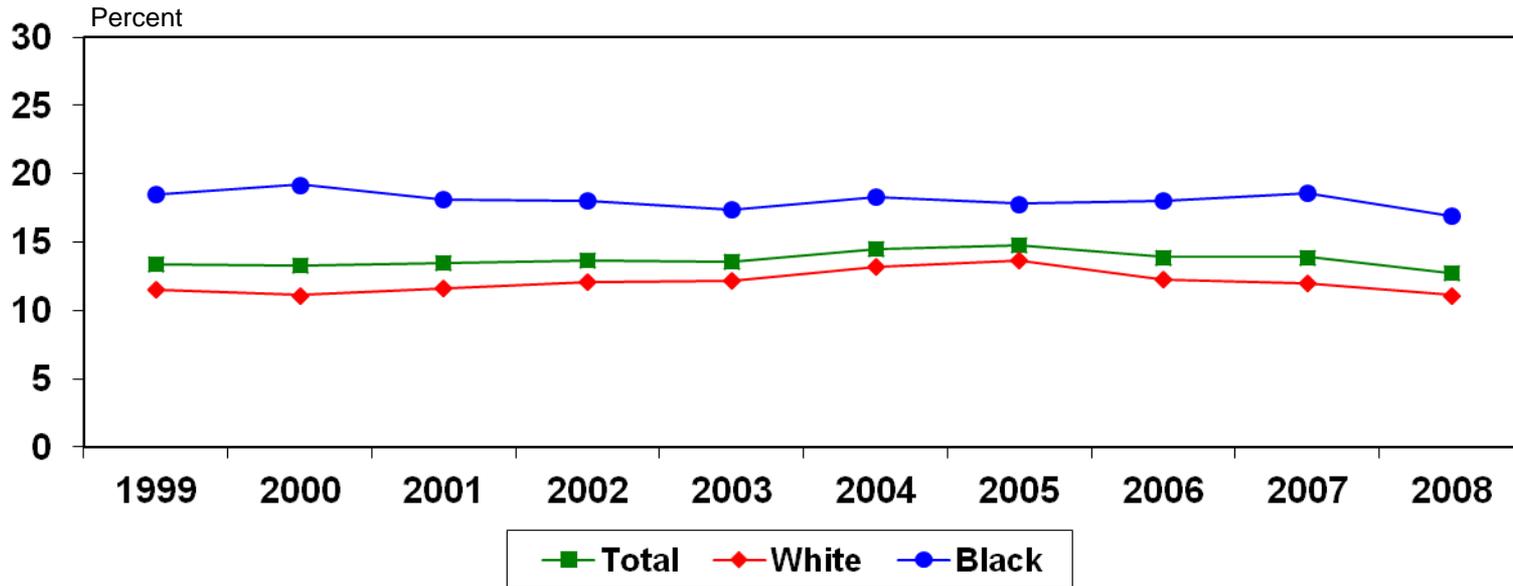
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 13.4 | 13.5 | 14.4 | 14.3 | 15.7 | 15.0 | 15.9 | 16.3 | 16.3 | 15.3 |
| White | 11.3 | 11.4 | 11.7 | 12.3 | 13.8 | 12.6 | 13.6 | 14.4 | 13.9 | 13.4 |
| Black | 17.9 | 17.9 | 19.8 | 18.8 | 19.9 | 20.2 | 20.4 | 20.2 | 21.5 | 19.4 |

**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 2008 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, 2012

Percent of Preterm Births** by Race of Mother Marion County Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 13.4 | 13.3 | 13.5 | 13.7 | 13.6 | 14.5 | 14.8 | 13.9 | 13.9 | 12.7 |
| White | 11.5 | 11.1 | 11.6 | 12.1 | 12.2 | 13.2 | 13.7 | 12.3 | 12.0 | 11.1 |
| Black | 18.5 | 19.2 | 18.1 | 18.0 | 17.4 | 18.3 | 17.8 | 18.0 | 18.6 | 16.9 |

**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 2008 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.

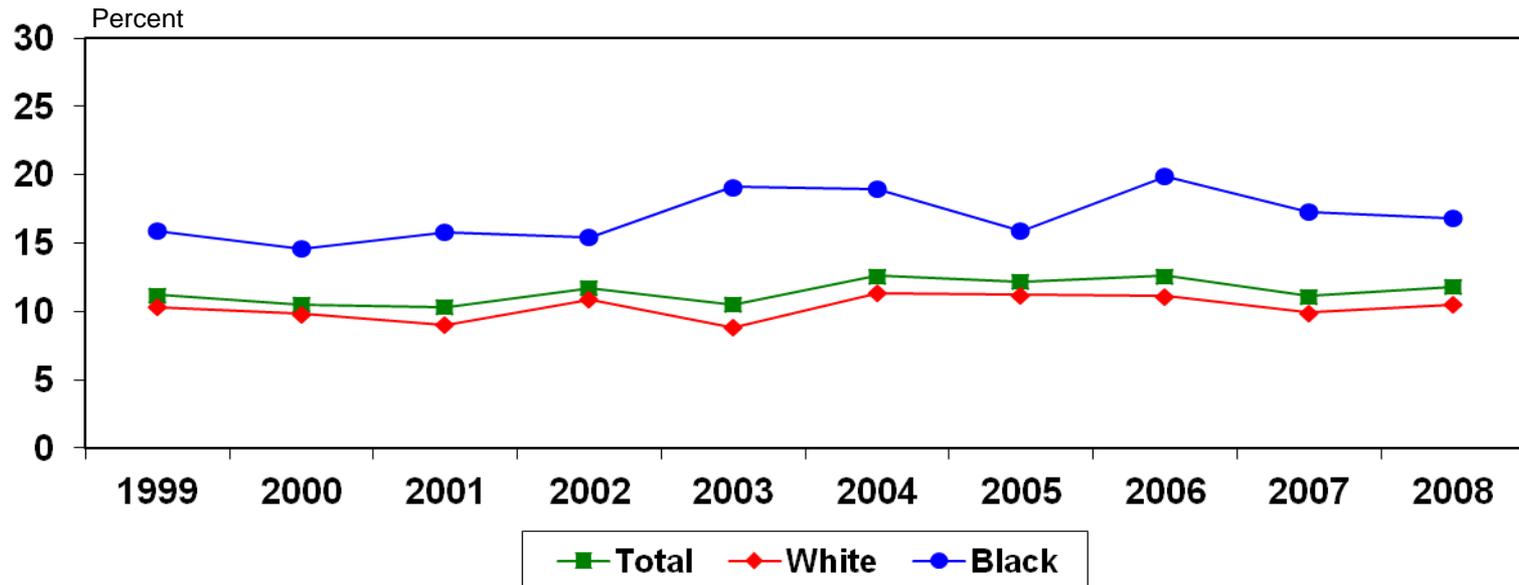
Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Preterm Births**

by Race of Mother

St. Joseph County Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 11.2 | 10.5 | 10.3 | 11.7 | 10.5 | 12.6 | 12.2 | 12.6 | 11.1 | 11.8 |
| White | 10.3 | 9.8 | 9.0 | 10.9 | 8.8 | 11.3 | 11.2 | 11.1 | 9.9 | 10.5 |
| Black | 15.9 | 14.6 | 15.8 | 15.4 | 19.1 | 19.0 | 15.9 | 19.9 | 17.3 | 16.8 |

**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 2008 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.

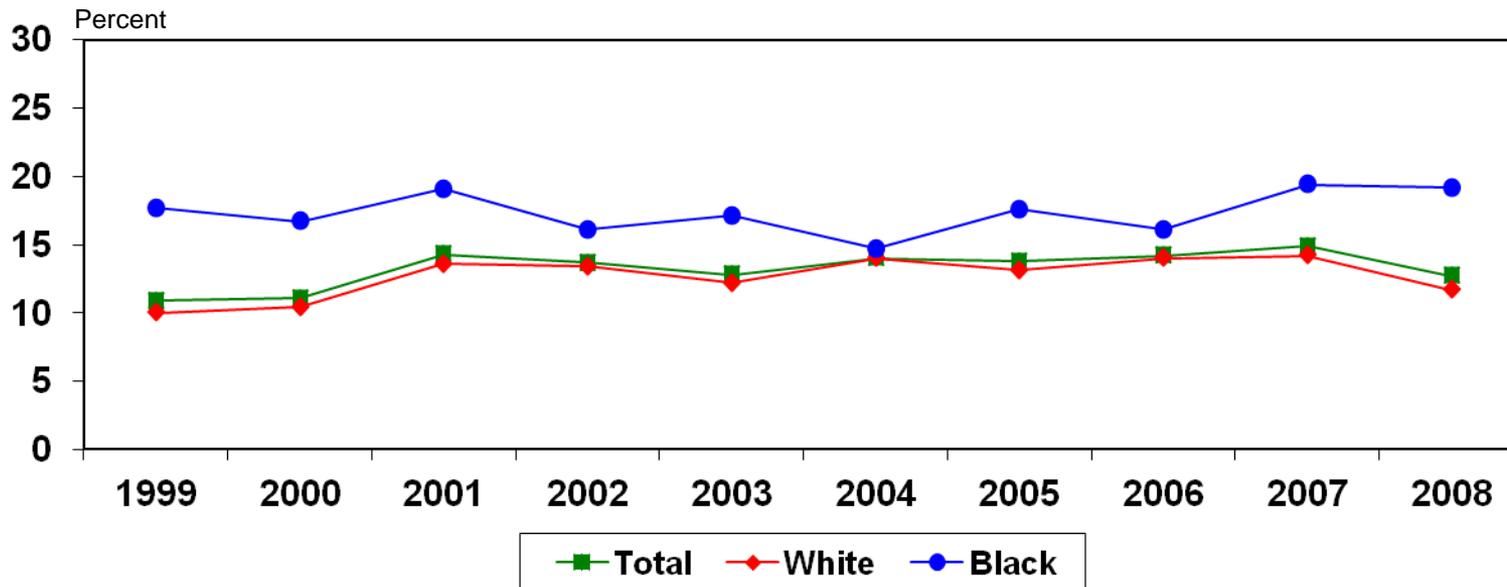
Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Preterm Births**

by Race of Mother

Vanderburgh County Residents, 1999-2008



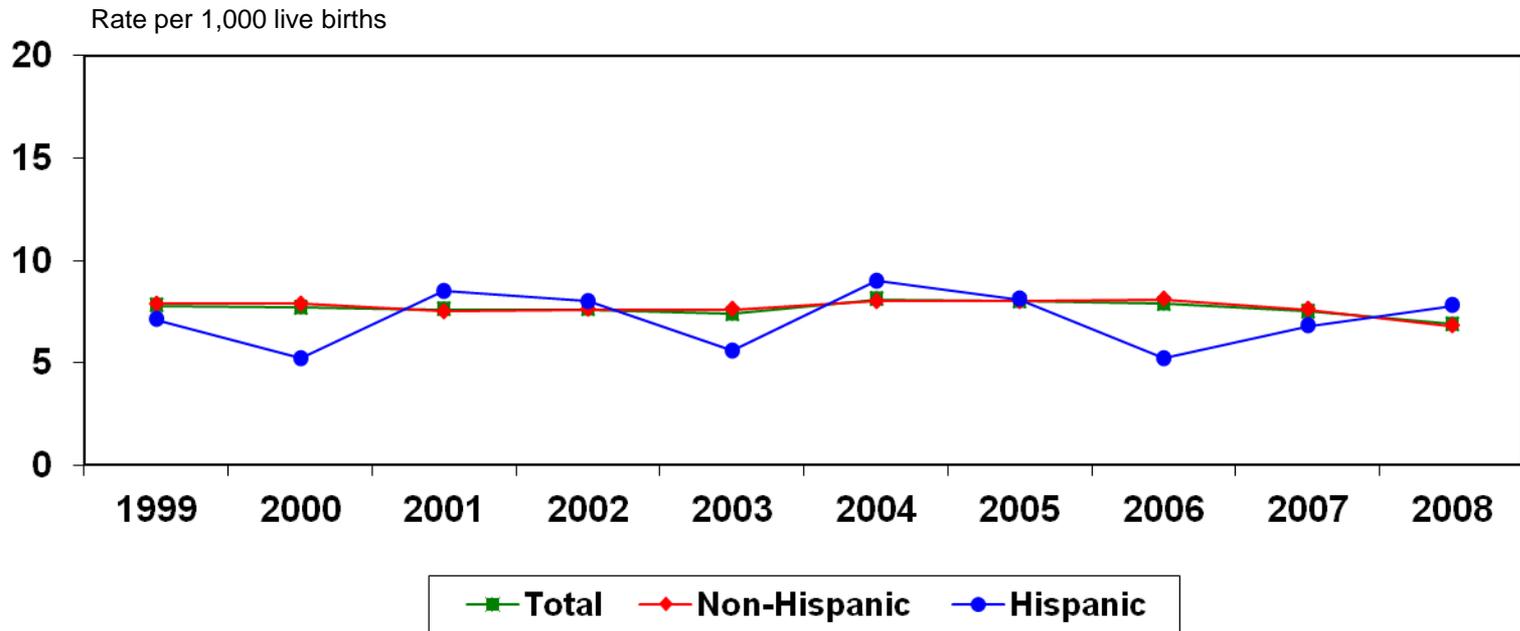
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-------|------|------|------|------|------|------|------|------|------|------|
| Total | 10.9 | 11.1 | 14.3 | 13.7 | 12.8 | 14.0 | 13.8 | 14.2 | 14.9 | 12.7 |
| White | 10.0 | 10.4 | 13.6 | 13.4 | 12.2 | 14.0 | 13.1 | 14.0 | 14.2 | 11.7 |
| Black | 17.7 | 16.7 | 19.1 | 16.1 | 17.1 | 14.7 | 17.6 | 16.1 | 19.4 | 19.2 |

**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 2008 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, 2012

Infant Mortality Rates by Ethnicity Indiana Residents, 1999-2008

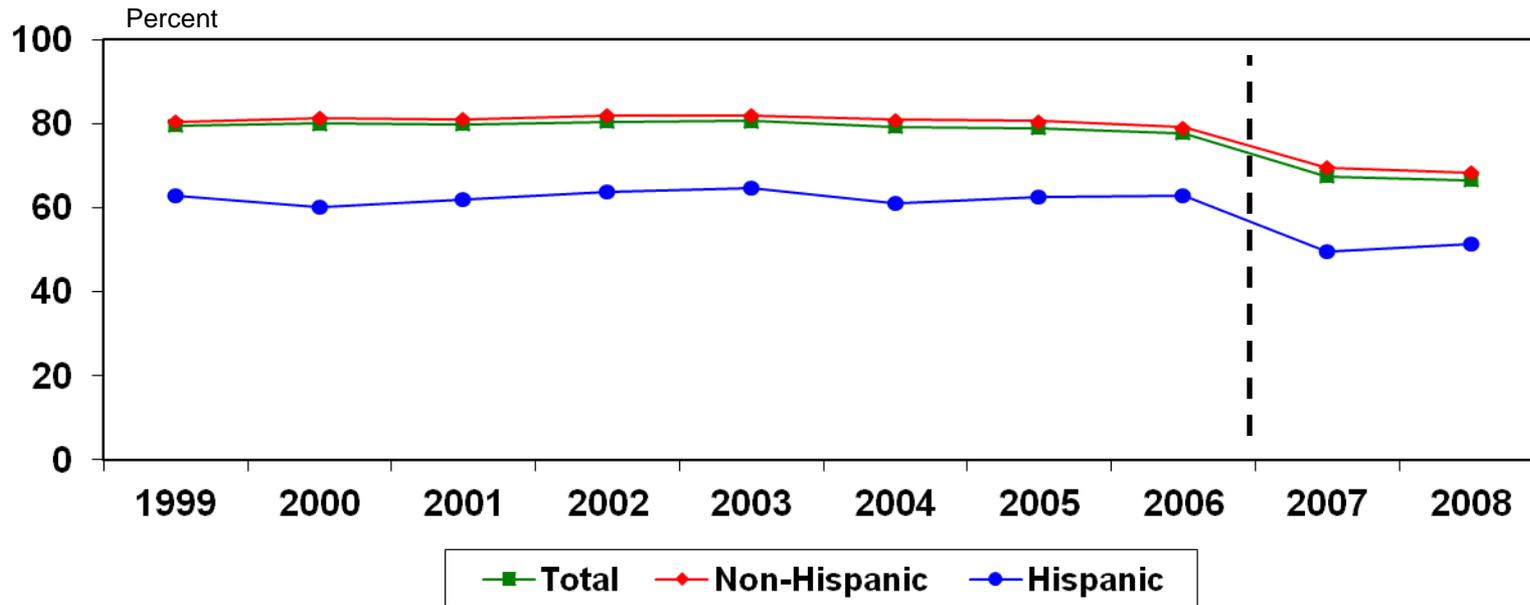


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|------|------|------|------|------|------|------|------|------|------|
| Total | 7.8 | 7.7 | 7.6 | 7.6 | 7.4 | 8.1 | 8.0 | 7.9 | 7.5 | 6.9 |
| Non-Hispanic | 7.9 | 7.9 | 7.5 | 7.6 | 7.6 | 8.0 | 8.0 | 8.1 | 7.6 | 6.8 |
| Hispanic | 7.1 | 5.2 | 8.5 | 8.0 | 5.6 | 9.0 | 8.1 | 5.2 | 6.8 | 7.8 |

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Ethnicity Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|------|------|------|------|------|------|------|------|------|------|
| Total | 79.5 | 80.0 | 79.8 | 80.5 | 80.6 | 79.3 | 78.9 | 77.6 | 67.5 | 66.6 |
| Non-Hispanic | 80.4 | 81.3 | 81.1 | 81.9 | 82.0 | 80.9 | 80.6 | 79.1 | 69.5 | 68.3 |
| Hispanic | 62.9 | 60.2 | 61.9 | 63.9 | 64.6 | 61.2 | 62.5 | 62.8 | 49.5 | 51.4 |

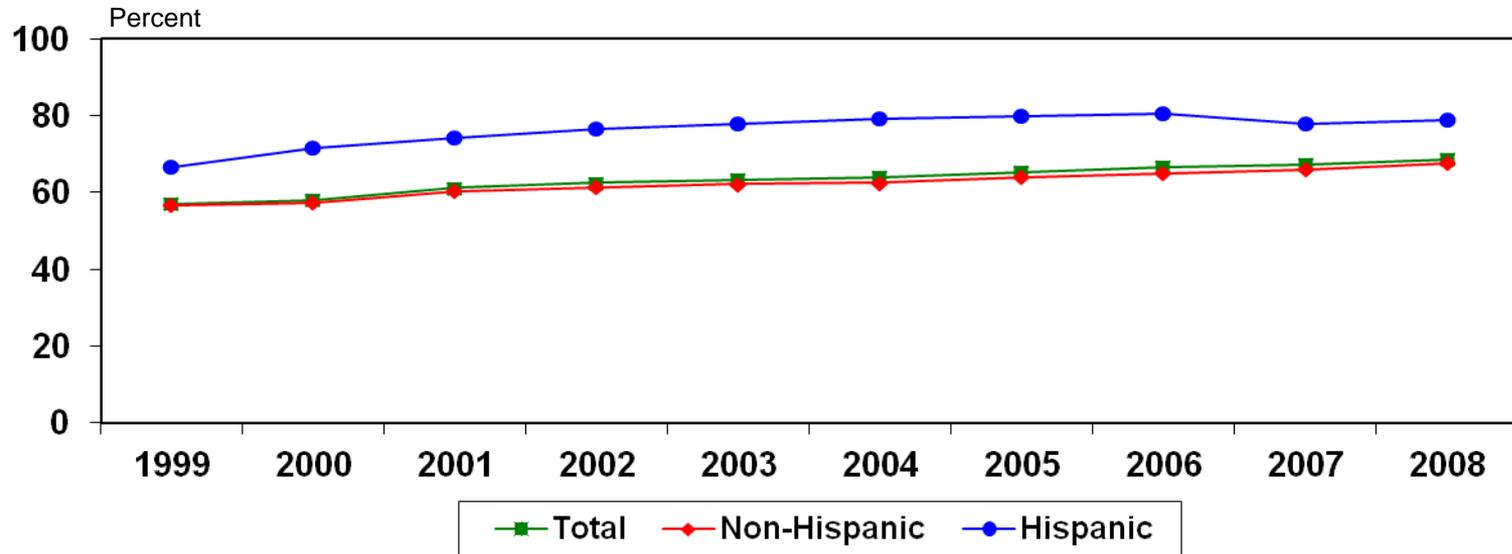
*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

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, 2012

Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Ethnicity Indiana Residents, 1999-2008

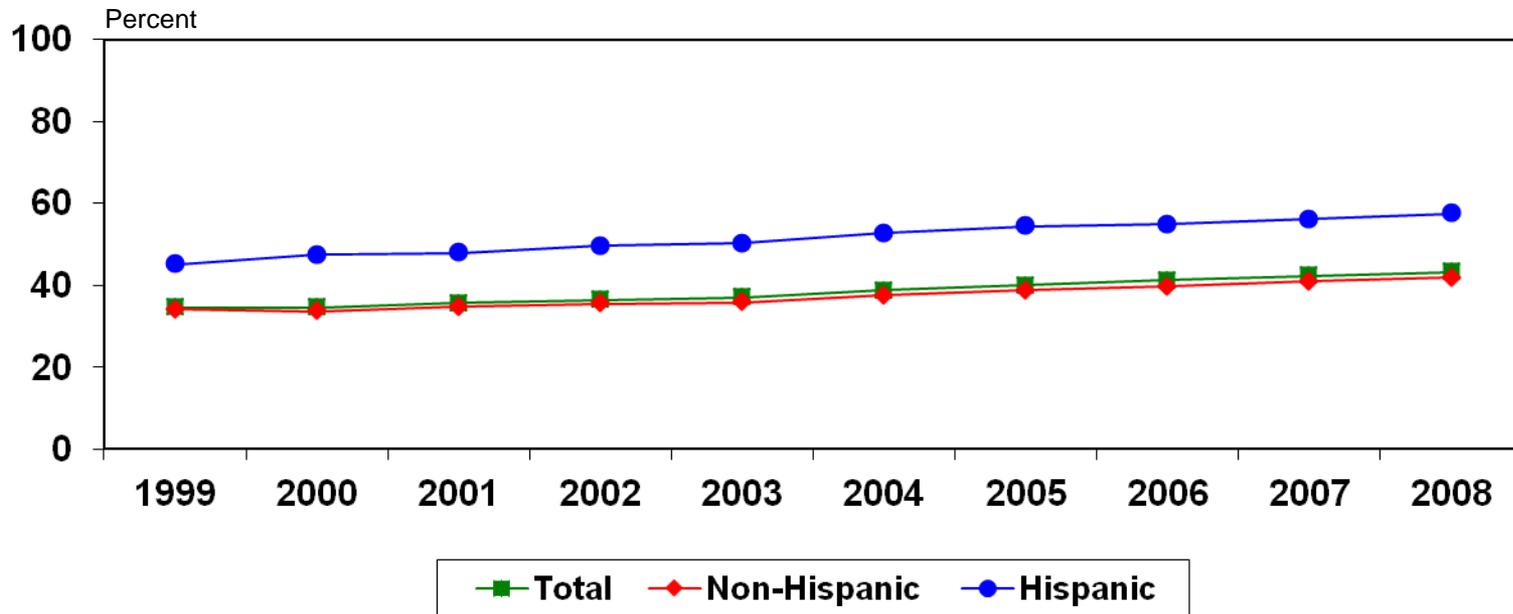


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|------|------|------|------|------|------|------|------|------|------|
| Total | 56.8 | 58.0 | 61.1 | 62.4 | 63.2 | 63.8 | 65.3 | 66.5 | 67.1 | 68.5 |
| Non-Hispanic | 56.5 | 57.2 | 60.2 | 61.4 | 62.1 | 62.4 | 63.9 | 65.0 | 66.0 | 67.5 |
| Hispanic | 66.7 | 71.6 | 74.2 | 76.6 | 77.7 | 79.1 | 79.8 | 80.4 | 77.9 | 78.9 |

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Live Births to Unmarried Mothers by Ethnicity of Mother Indiana Residents, 1999-2008

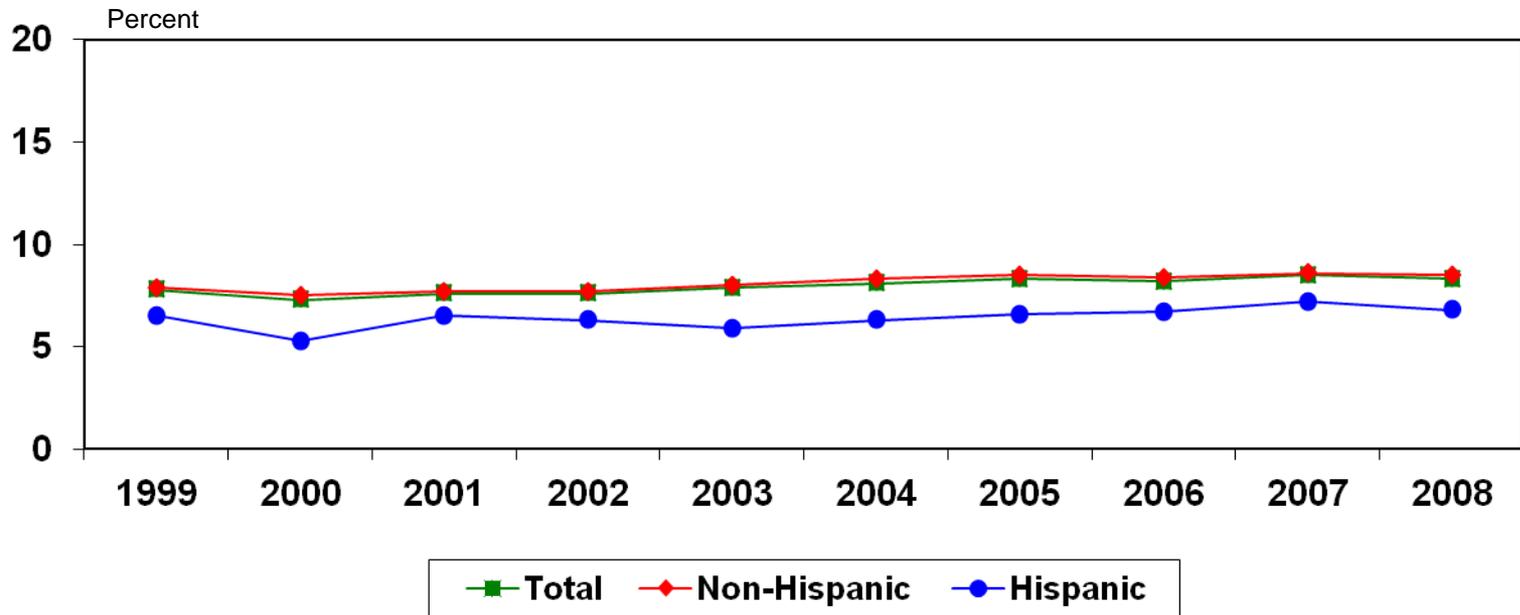


| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|------|------|------|------|------|------|------|------|------|------|
| Total | 34.6 | 34.6 | 35.6 | 36.5 | 37.1 | 38.8 | 40.1 | 41.2 | 42.4 | 43.3 |
| Non-Hispanic | 34.1 | 33.7 | 34.7 | 35.5 | 35.9 | 37.5 | 38.7 | 39.8 | 40.9 | 41.8 |
| Hispanic | 45.2 | 47.5 | 47.9 | 49.7 | 50.3 | 52.8 | 54.5 | 54.9 | 56.2 | 57.6 |

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 1999-2008



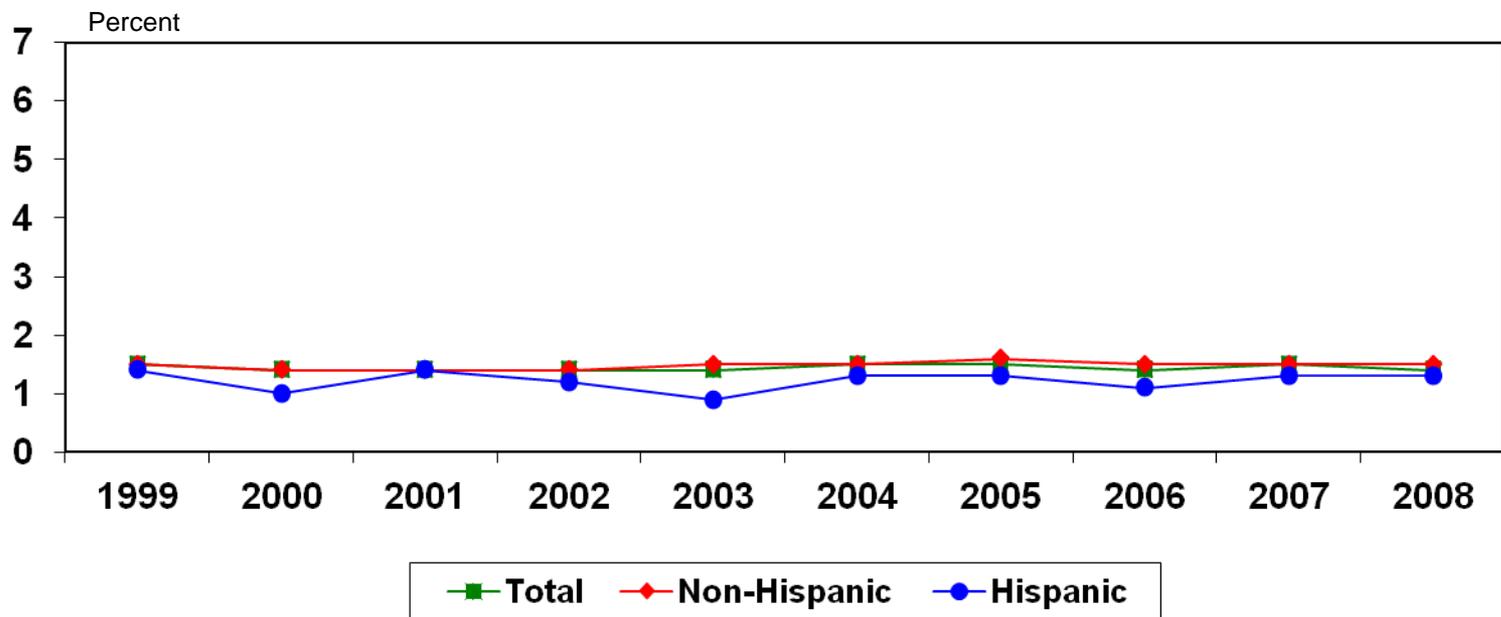
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|------|------|------|------|------|------|------|------|------|------|
| Total | 7.8 | 7.3 | 7.6 | 7.6 | 7.9 | 8.1 | 8.3 | 8.2 | 8.5 | 8.3 |
| Non-Hispanic | 7.9 | 7.5 | 7.7 | 7.7 | 8.0 | 8.3 | 8.5 | 8.4 | 8.6 | 8.5 |
| Hispanic | 6.5 | 5.3 | 6.5 | 6.3 | 5.9 | 6.3 | 6.6 | 6.7 | 7.2 | 6.8 |

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, 2012

Percent of Very Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|------|------|------|------|------|------|------|------|------|------|
| Total | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.4 | 1.5 | 1.4 |
| Non-Hispanic | 1.5 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.6 | 1.5 | 1.5 | 1.5 |
| Hispanic | 1.4 | 1.0 | 1.4 | 1.2 | 0.9 | 1.3 | 1.3 | 1.1 | 1.3 | 1.3 |

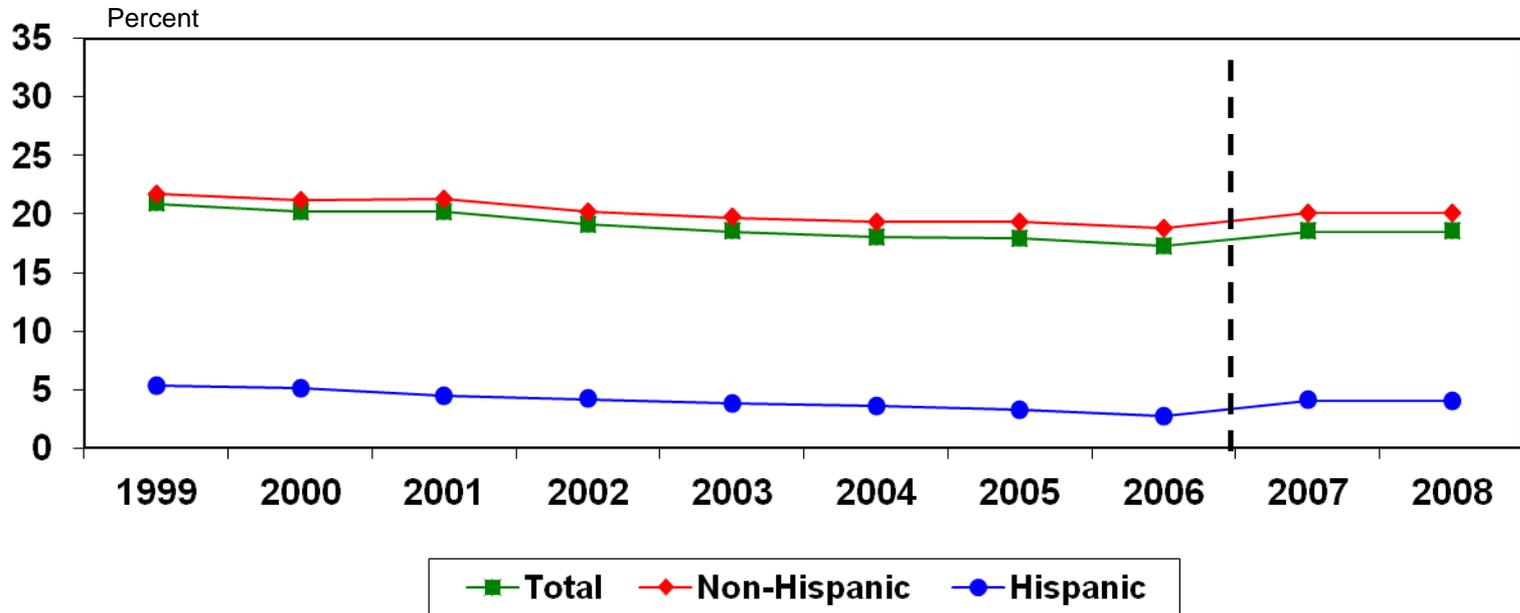
Notes: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Births to Mothers Who Smoked During Pregnancy* by Ethnicity

Indiana Residents, 1999-2008



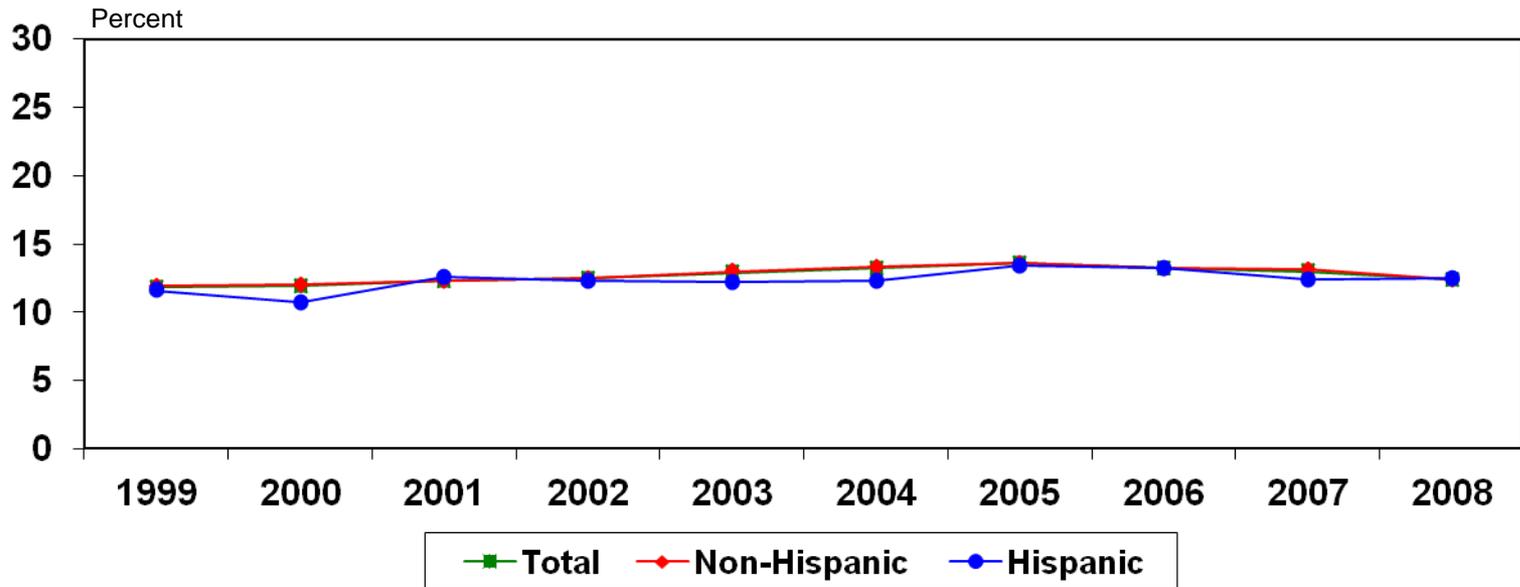
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|------|------|------|------|------|------|------|------|------|------|
| Total | 20.9 | 20.2 | 20.2 | 19.1 | 18.5 | 18.0 | 17.9 | 17.3 | 18.5 | 18.5 |
| Non-Hispanic | 21.7 | 21.2 | 21.3 | 20.2 | 19.7 | 19.3 | 19.3 | 18.8 | 20.1 | 20.1 |
| Hispanic | 5.3 | 5.1 | 4.5 | 4.2 | 3.8 | 3.6 | 3.3 | 2.7 | 4.1 | 4.0 |

*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.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Percent of Preterm Births** by Ethnicity of Mother Indiana Residents, 1999-2008



| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|------|------|------|------|------|------|------|------|------|------|
| Total | 11.8 | 11.9 | 12.3 | 12.5 | 12.9 | 13.2 | 13.6 | 13.2 | 13.0 | 12.4 |
| Non-Hispanic | 11.9 | 12.0 | 12.3 | 12.5 | 13.0 | 13.3 | 13.6 | 13.2 | 13.1 | 12.4 |
| Hispanic | 11.6 | 10.7 | 12.6 | 12.3 | 12.2 | 12.3 | 13.4 | 13.2 | 12.4 | 12.5 |

**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 2008 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, 2012

**Live Births by County of Residence
Indiana Residents, 1999-2008
Total Population**

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 99-2008 Avg. |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|
| INDIANA | 85,489 | 87,697 | 86,122 | 84,839 | 86,382 | 87,125 | 87,088 | 89,404 | 89,719 | 88,679 | 87,254 |
| Adams | 537 | 584 | 581 | 615 | 641 | 607 | 641 | 654 | 667 | 673 | 620 |
| Allen | 5,079 | 5,213 | 5,371 | 5,161 | 5,211 | 5,329 | 5,295 | 5,492 | 5,448 | 5,506 | 5,311 |
| Bartholomew | 1,076 | 1,073 | 999 | 960 | 1,004 | 1,047 | 1,081 | 1,096 | 1,086 | 1,095 | 1,052 |
| Benton | 125 | 125 | 107 | 115 | 118 | 135 | 118 | 110 | 104 | 119 | 118 |
| Blackford | 199 | 146 | 179 | 154 | 163 | 151 | 141 | 148 | 156 | 148 | 159 |
| Boone | 614 | 627 | 624 | 645 | 699 | 652 | 694 | 676 | 708 | 741 | 668 |
| Brown | 170 | 146 | 158 | 145 | 157 | 115 | 90 | 97 | 137 | 137 | 135 |
| Carroll | 261 | 227 | 216 | 241 | 237 | 250 | 207 | 214 | 230 | 227 | 231 |
| Cass | 575 | 592 | 574 | 542 | 548 | 570 | 572 | 567 | 545 | 539 | 562 |
| Clark | 1,323 | 1,348 | 1,311 | 1,273 | 1,315 | 1,315 | 1,393 | 1,513 | 1,450 | 1,479 | 1,372 |
| Clay | 343 | 314 | 349 | 373 | 358 | 337 | 325 | 368 | 291 | 330 | 339 |
| Clinton | 497 | 548 | 521 | 503 | 510 | 494 | 510 | 524 | 534 | 518 | 516 |
| Crawford | 140 | 157 | 135 | 130 | 135 | 140 | 104 | 135 | 124 | 122 | 132 |
| Daviess | 463 | 476 | 470 | 475 | 502 | 483 | 508 | 536 | 547 | 536 | 500 |
| Dearborn | 436 | 673 | 527 | 532 | 629 | 641 | 653 | 587 | 602 | 641 | 592 |
| Decatur | 400 | 377 | 379 | 376 | 387 | 362 | 355 | 365 | 318 | 361 | 368 |
| DeKalb | 556 | 560 | 616 | 591 | 566 | 554 | 585 | 545 | 571 | 522 | 567 |
| Delaware | 1,423 | 1,434 | 1,371 | 1,300 | 1,339 | 1,310 | 1,305 | 1,229 | 1,340 | 1,268 | 1,332 |
| Dubois | 558 | 542 | 515 | 565 | 501 | 550 | 563 | 575 | 539 | 543 | 545 |
| Elkhart | 3,134 | 3,315 | 3,125 | 3,005 | 3,194 | 3,252 | 3,478 | 3,562 | 3,557 | 3,430 | 3,305 |
| Fayette | 285 | 340 | 302 | 309 | 332 | 304 | 309 | 300 | 304 | 281 | 307 |
| Floyd | 895 | 879 | 852 | 848 | 826 | 870 | 916 | 840 | 878 | 918 | 872 |
| Fountain | 240 | 218 | 238 | 211 | 217 | 213 | 195 | 200 | 209 | 223 | 216 |
| Franklin | 183 | 311 | 232 | 254 | 264 | 328 | 287 | 293 | 310 | 254 | 272 |
| Fulton | 281 | 272 | 252 | 234 | 263 | 245 | 268 | 249 | 267 | 285 | 262 |
| Gibson | 402 | 360 | 419 | 387 | 430 | 416 | 421 | 431 | 452 | 377 | 410 |
| Grant | 866 | 948 | 822 | 869 | 799 | 803 | 775 | 877 | 866 | 816 | 844 |
| Greene | 364 | 413 | 394 | 425 | 420 | 393 | 380 | 392 | 401 | 369 | 395 |
| Hamilton | 2,980 | 3,211 | 3,242 | 3,457 | 3,637 | 3,649 | 3,693 | 3,713 | 3,926 | 3,910 | 3,542 |
| Hancock | 703 | 722 | 725 | 741 | 844 | 824 | 888 | 901 | 897 | 848 | 809 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Live Births by County of Residence
Indiana Residents, 1999-2008
Total Population

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 99-2008 Avg. |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|
| INDIANA | 85,489 | 87,697 | 86,122 | 84,839 | 86,382 | 87,125 | 87,088 | 89,404 | 89,719 | 88,679 | 87,254 |
| Harrison | 447 | 442 | 457 | 436 | 438 | 435 | 459 | 447 | 473 | 481 | 452 |
| Hendricks | 1,262 | 1,429 | 1,541 | 1,459 | 1,505 | 1,552 | 1,620 | 1,686 | 1,859 | 1,844 | 1,576 |
| Henry | 609 | 559 | 590 | 558 | 559 | 540 | 567 | 486 | 506 | 541 | 552 |
| Howard | 1,249 | 1,172 | 1,218 | 1,119 | 1,217 | 1,143 | 1,089 | 1,115 | 1,131 | 1,122 | 1,158 |
| Huntington | 526 | 519 | 438 | 488 | 461 | 499 | 451 | 481 | 488 | 453 | 480 |
| Jackson | 560 | 626 | 638 | 629 | 591 | 589 | 622 | 572 | 584 | 583 | 599 |
| Jasper | 427 | 390 | 353 | 405 | 431 | 396 | 465 | 470 | 430 | 387 | 415 |
| Jay | 331 | 310 | 305 | 282 | 332 | 287 | 303 | 306 | 320 | 285 | 306 |
| Jefferson | 364 | 367 | 383 | 332 | 365 | 382 | 363 | 369 | 383 | 381 | 369 |
| Jennings | 423 | 394 | 400 | 389 | 359 | 415 | 403 | 391 | 371 | 374 | 392 |
| Johnson | 1,641 | 1,673 | 1,649 | 1,622 | 1,705 | 1,765 | 1,676 | 1,838 | 1,913 | 1,913 | 1,740 |
| Knox | 473 | 430 | 453 | 393 | 474 | 462 | 471 | 514 | 497 | 481 | 465 |
| Kosciusko | 1,134 | 1,199 | 1,133 | 1,032 | 1,059 | 1,087 | 1,067 | 1,167 | 1,099 | 1,154 | 1,113 |
| LaGrange | 756 | 741 | 697 | 717 | 720 | 703 | 756 | 714 | 783 | 787 | 737 |
| Lake | 7,073 | 7,040 | 6,936 | 6,824 | 6,926 | 6,975 | 6,872 | 6,937 | 6,759 | 6,663 | 6,901 |
| LaPorte | 1,453 | 1,457 | 1,401 | 1,360 | 1,309 | 1,325 | 1,364 | 1,371 | 1,438 | 1,411 | 1,389 |
| Lawrence | 571 | 618 | 565 | 560 | 547 | 537 | 537 | 534 | 507 | 522 | 550 |
| Madison | 1,775 | 1,644 | 1,710 | 1,603 | 1,596 | 1,636 | 1,650 | 1,594 | 1,674 | 1,598 | 1,648 |
| Marion | 14,183 | 14,608 | 14,373 | 14,540 | 14,701 | 14,868 | 14,653 | 15,545 | 15,401 | 15,333 | 14,821 |
| Marshall | 680 | 688 | 720 | 639 | 701 | 655 | 679 | 662 | 667 | 621 | 671 |
| Martin | 155 | 142 | 125 | 145 | 119 | 114 | 140 | 126 | 140 | 146 | 135 |
| Miami | 431 | 480 | 479 | 433 | 451 | 438 | 480 | 449 | 433 | 416 | 449 |
| Monroe | 1,261 | 1,246 | 1,280 | 1,239 | 1,229 | 1,273 | 1,309 | 1,298 | 1,388 | 1,298 | 1,282 |
| Montgomery | 534 | 478 | 505 | 456 | 466 | 486 | 475 | 448 | 493 | 453 | 479 |
| Morgan | 985 | 958 | 847 | 927 | 873 | 873 | 851 | 871 | 877 | 863 | 893 |
| Newton | 208 | 172 | 163 | 156 | 155 | 141 | 133 | 138 | 138 | 162 | 157 |
| Noble | 725 | 744 | 717 | 669 | 678 | 739 | 682 | 766 | 703 | 703 | 713 |
| Ohio | 53 | 67 | 69 | 61 | 62 | 64 | 55 | 71 | 60 | 57 | 62 |
| Orange | 245 | 274 | 274 | 245 | 239 | 237 | 251 | 246 | 264 | 224 | 250 |
| Owen | 263 | 271 | 262 | 246 | 232 | 262 | 247 | 237 | 249 | 259 | 253 |
| Parke | 170 | 202 | 164 | 171 | 205 | 157 | 188 | 194 | 204 | 187 | 184 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

**Live Births by County of Residence
Indiana Residents, 1999-2008
Total Population**

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 99-2008 Avg. |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|
| INDIANA | 85,489 | 87,697 | 86,122 | 84,839 | 86,382 | 87,125 | 87,088 | 89,404 | 89,719 | 88,679 | 87,254 |
| Perry | 203 | 238 | 223 | 201 | 233 | 217 | 219 | 236 | 223 | 209 | 220 |
| Pike | 168 | 148 | 157 | 141 | 135 | 167 | 159 | 158 | 152 | 138 | 152 |
| Porter | 1,815 | 1,830 | 1,846 | 1,797 | 1,873 | 1,827 | 1,793 | 1,836 | 1,886 | 1,868 | 1,837 |
| Posey | 289 | 287 | 269 | 269 | 242 | 292 | 227 | 252 | 250 | 284 | 266 |
| Pulaski | 194 | 174 | 144 | 159 | 164 | 172 | 159 | 177 | 160 | 161 | 166 |
| Putnam | 430 | 423 | 405 | 406 | 404 | 407 | 408 | 368 | 418 | 405 | 407 |
| Randolph | 355 | 342 | 337 | 305 | 321 | 318 | 298 | 295 | 338 | 324 | 323 |
| Ripley | 334 | 433 | 381 | 374 | 396 | 387 | 406 | 389 | 369 | 384 | 385 |
| Rush | 238 | 245 | 259 | 258 | 217 | 196 | 214 | 226 | 223 | 197 | 227 |
| St. Joseph | 3,873 | 3,964 | 3,856 | 3,750 | 3,706 | 3,843 | 3,827 | 4,013 | 3,762 | 3,832 | 3,843 |
| Scott | 306 | 348 | 303 | 318 | 293 | 288 | 310 | 352 | 346 | 327 | 319 |
| Shelby | 606 | 627 | 597 | 547 | 537 | 582 | 505 | 539 | 572 | 538 | 565 |
| Spencer | 237 | 268 | 259 | 212 | 232 | 235 | 233 | 237 | 247 | 245 | 241 |
| Starke | 297 | 315 | 325 | 305 | 280 | 288 | 279 | 298 | 317 | 307 | 301 |
| Steuben | 403 | 424 | 464 | 421 | 419 | 412 | 440 | 396 | 411 | 387 | 418 |
| Sullivan | 256 | 254 | 265 | 258 | 266 | 214 | 216 | 235 | 216 | 235 | 242 |
| Switzerland | 103 | 110 | 102 | 102 | 126 | 110 | 102 | 128 | 135 | 133 | 115 |
| Tippecanoe | 1,838 | 1,931 | 1,917 | 1,941 | 2,012 | 2,073 | 2,081 | 2,205 | 2,324 | 2,320 | 2,064 |
| Tipton | 177 | 193 | 188 | 219 | 200 | 215 | 177 | 175 | 173 | 160 | 188 |
| Union | 55 | 112 | 66 | 77 | 74 | 101 | 94 | 92 | 82 | 87 | 84 |
| Vanderburgh | 2,281 | 2,336 | 2,292 | 2,298 | 2,356 | 2,351 | 2,451 | 2,520 | 2,468 | 2,326 | 2,368 |
| Vermillion | 213 | 205 | 191 | 205 | 200 | 207 | 200 | 171 | 175 | 154 | 192 |
| Vigo | 1,300 | 1,384 | 1,275 | 1,283 | 1,297 | 1,309 | 1,280 | 1,375 | 1,338 | 1,321 | 1,316 |
| Wabash | 444 | 431 | 391 | 418 | 373 | 378 | 383 | 393 | 377 | 390 | 398 |
| Warren | 81 | 100 | 94 | 101 | 94 | 84 | 83 | 94 | 78 | 99 | 91 |
| Warrick | 599 | 691 | 676 | 616 | 641 | 703 | 631 | 677 | 685 | 701 | 662 |
| Washington | 324 | 357 | 363 | 344 | 350 | 360 | 328 | 345 | 328 | 318 | 342 |
| Wayne | 906 | 896 | 894 | 837 | 857 | 943 | 910 | 920 | 886 | 882 | 893 |
| Wells | 317 | 372 | 321 | 322 | 381 | 353 | 306 | 387 | 305 | 359 | 342 |
| White | 354 | 350 | 386 | 355 | 325 | 323 | 330 | 322 | 330 | 280 | 336 |
| Whitley | 418 | 418 | 425 | 429 | 427 | 396 | 411 | 361 | 449 | 390 | 412 |

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Infant Mortality Rates, Total Population, Indiana Residents, 1998-2007

(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 | PARKE | 12.0 | 35 | LAGRANGE | 7.1 |
| 2 | GRANT | 10.0 | 35 | MIAMI | 7.1 |
| 3 | SHELBY | 9.9 | 35 | PORTER | 7.1 |
| 4 | DELAWARE | 9.8 | 35 | MONTGOMERY | 7.1 |
| 5 | LAKE | 9.7 | 39 | MONROE | 7.0 |
| 5 | JAY | 9.7 | 39 | FAYETTE | 7.0 |
| 7 | MARION | 9.3 | 39 | NOBLE | 7.0 |
| 8 | WABASH | 9.1 | 39 | KOSCIUSKO | 7.0 |
| 9 | POSEY | 9.0 | 43 | MORGAN | 6.9 |
| 10 | WAYNE | 8.9 | 43 | KNOX | 6.9 |
| 10 | FULTON | 8.9 | 45 | HOWARD | 6.8 |
| 12 | MADISON | 8.7 | 46 | DEKALB | 6.7 |
| 12 | SULLIVAN | 8.7 | 46 | WHITE | 6.7 |
| 12 | SPENCER | 8.7 | 48 | BOONE | 6.6 |
| 15 | GREENE | 8.6 | 49 | SCOTT | 6.3 |
| 16 | ST. JOSEPH | 8.4 | 49 | JACKSON | 6.3 |
| 17 | CASS | 8.3 | 49 | CLARK | 6.3 |
| 17 | LAWRENCE | 8.3 | 52 | JEFFERSON | 6.2 |
| 17 | ADAMS | 8.3 | 53 | STEUBEN | 5.9 |
| 20 | LAPORTE | 8.2 | 54 | WHITLEY | 5.8 |
| 20 | DAVISS | 8.2 | 55 | DEARBORN | 5.7 |
| 22 | VANDEBURGH | 8.1 | 55 | DUBOIS | 5.7 |
| 22 | HENRY | 8.1 | 57 | HAMILTON | 5.6 |
| 24 | STARKE | 8.0 | 57 | GIBSON | 5.6 |
| 24 | TIPPECANOE | 8.0 | 59 | JOHNSON | 5.5 |
| 24 | RANDOLPH | 8.0 | 60 | PUTNAM | 5.3 |
| 27 | VIGO | 7.9 | 60 | HANCOCK | 5.3 |
| 28 | ALLEN | 7.7 | 62 | HENDRICKS | 5.2 |
| 28 | BARTHOLOMEW | 7.7 | 63 | WARRICK | 4.9 |
| 30 | CLAY | 7.6 | 64 | HARRISON | 4.5 |
| 30 | ELKHART | 7.6 | 65 | FLOYD | 4.2 |
| 32 | DECATUR | 7.5 | 66 | MARSHALL | 4.1 |
| 33 | JENNINGS | 7.3 | 66 | HUNTINGTON | 4.1 |
| 34 | CLINTON | 7.2 | | | |
| | | | | INDIANA | 7.7 |

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2011

Infant Mortality Rates, White Indiana Residents, 1999-2008

(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 | PARKE | 10.9 | 34 | MARION | 6.7 |
| 2 | FULTON | 9.7 | 34 | JENNINGS | 6.7 |
| 3 | JAY | 9.2 | 34 | VIGO | 6.7 |
| 4 | POSEY | 8.8 | 34 | FAYETTE | 6.7 |
| 4 | SPENCER | 8.8 | 34 | WHITE | 6.7 |
| 4 | ADAMS | 8.8 | 39 | ELKHART | 6.6 |
| 7 | TIPPECANOE | 8.7 | 40 | JACKSON | 6.5 |
| 7 | GREENE | 8.7 | 40 | PORTER | 6.5 |
| 9 | GRANT | 8.5 | 40 | MORGAN | 6.5 |
| 10 | CLAY | 8.3 | 43 | JEFFERSON | 6.4 |
| 10 | SULLIVAN | 8.3 | 44 | KOSCIUSKO | 6.3 |
| 12 | CASS | 8.2 | 45 | DUBOIS | 6.2 |
| 12 | WABASH | 8.2 | 45 | BOONE | 6.2 |
| 12 | RANDOLPH | 8.2 | 47 | LAGRANGE | 6.1 |
| 15 | SHELBY | 8.1 | 47 | DEKALB | 6.1 |
| 16 | WAYNE | 8.0 | 49 | ST. JOSEPH | 5.9 |
| 16 | DELAWARE | 8.0 | 49 | JOHNSON | 5.9 |
| 18 | LAWRENCE | 7.9 | 51 | STEUBEN | 5.8 |
| 19 | MIAMI | 7.8 | 51 | ALLEN | 5.8 |
| 20 | KNOX | 7.7 | 53 | HOWARD | 5.7 |
| 21 | NOBLE | 7.6 | 54 | WHITLEY | 5.6 |
| 21 | HENRY | 7.6 | 54 | CLARK | 5.6 |
| 23 | MONTGOMERY | 7.5 | 56 | DEARBORN | 5.5 |
| 24 | VANDERBURGH | 7.3 | 56 | PUTNAM | 5.5 |
| 24 | BARTHOLOMEW | 7.3 | 58 | JASPER | 5.3 |
| 26 | MONROE | 7.1 | 59 | HAMILTON | 5.2 |
| 27 | STARKE | 7.0 | 60 | HENDRICKS | 5.1 |
| 28 | DAVISS | 6.9 | 61 | HANCOCK | 4.9 |
| 28 | MADISON | 6.9 | 62 | MARSHALL | 4.6 |
| 28 | LAKE | 6.9 | 63 | HARRISON | 4.5 |
| 28 | LAPORTE | 6.9 | 64 | WARRICK | 4.4 |
| 28 | DECATUR | 6.9 | 65 | FLOYD | 4.3 |
| 28 | CLINTON | 6.9 | | | |
| | | | | INDIANA | 6.5 |

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Infant Mortality Rates, Black Indiana Residents, 1999-2008

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

| <u>RANK</u> | <u>COUNTY</u> | <u>RATE*</u> |
|-------------|---------------|--------------|
| 1 | DELAWARE | 27.5 |
| 2 | ST. JOSEPH | 20.1 |
| 3 | LAPORTE | 19.9 |
| 4 | ELKHART | 19.5 |
| 5 | ALLEN | 17.9 |
| 6 | MADISON | 16.8 |
| 7 | MARION | 15.4 |
| 8 | LAKE | 15.2 |
| 9 | VANDEBURGH | 12.9 |
| | INDIANA | 16.1 |

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Infant Mortality Rates, Non-Hispanic Indiana Residents, 1999-2008

(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 | PARKE | 10.9 | 35 | STARKE | 7.4 |
| 2 | STEUBEN | 10.2 | 36 | VIGO | 7.3 |
| 3 | DELAWARE | 10.0 | 36 | DAVISS | 7.3 |
| 4 | LAKE | 9.9 | 38 | DECATUR | 7.2 |
| 5 | MARION | 9.6 | 38 | HENRY | 7.2 |
| 5 | JAY | 9.6 | 40 | NOBLE | 7.1 |
| 7 | PERRY | 9.2 | 41 | WHITE | 6.9 |
| 7 | WAYNE | 9.2 | 42 | MONROE | 6.7 |
| 7 | FULTON | 9.2 | 43 | DEKALB | 6.6 |
| 10 | LAPORTE | 9.1 | 43 | BOONE | 6.6 |
| 10 | ADAMS | 9.1 | 45 | JENNINGS | 6.5 |
| 10 | SPENCER | 9.1 | 45 | PORTER | 6.5 |
| 10 | GRANT | 9.1 | 45 | MORGAN | 6.5 |
| 14 | GREENE | 8.9 | 48 | JEFFERSON | 6.4 |
| 14 | ST. JOSEPH | 8.9 | 49 | HOWARD | 6.2 |
| 16 | CASS | 8.8 | 50 | JACKSON | 6.0 |
| 16 | SULLIVAN | 8.8 | 50 | CLARK | 6.0 |
| 18 | POSEY | 8.7 | 52 | JOHNSON | 5.9 |
| 19 | CLINTON | 8.3 | 53 | LAGRANGE | 5.8 |
| 19 | LAWRENCE | 8.3 | 54 | PUTNAM | 5.7 |
| 21 | WABASH | 8.2 | 54 | WHITLEY | 5.7 |
| 22 | RANDOLPH | 8.1 | 56 | KOSCIUSKO | 5.6 |
| 23 | ALLEN | 8.0 | 57 | HANCOCK | 5.5 |
| 23 | KNOX | 8.0 | 57 | HAMILTON | 5.5 |
| 23 | CLAY | 8.0 | 57 | DUBOIS | 5.5 |
| 26 | VANDERBURGH | 7.9 | 60 | JASPER | 5.4 |
| 26 | ELKHART | 7.9 | 61 | HENDRICKS | 5.3 |
| 28 | TIPPECANOE | 7.8 | 62 | DEARBORN | 5.2 |
| 29 | SHELBY | 7.7 | 63 | GIBSON | 4.9 |
| 29 | MIAMI | 7.7 | 63 | WARRICK | 4.9 |
| 29 | MADISON | 7.7 | 65 | MARSHALL | 4.6 |
| 32 | FAYETTE | 7.6 | 66 | HARRISON | 4.5 |
| 32 | MONTGOMERY | 7.6 | 66 | FLOYD | 4.5 |
| 34 | BARTHOLOMEW | 7.5 | | | |
| | | | | INDIANA | 7.7 |

*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, 2012

Infant Mortality Rates, Hispanic Indiana Residents, 1999-2008

(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 | 7.2 |
| 3 | MARION | 6.9 |
| 4 | ELKHART | 6.3 |
| 5 | ST. JOSEPH | 5.4 |
| 6 | ALLEN | 4.5 |
| | INDIANA | 7.1 |

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Neonatal Mortality Rates, Total Population, Indiana Residents, 1999-2008

(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 | JAY | 7.2 | 21 | MONROE | 4.8 |
| 2 | GREENE | 6.8 | 21 | NOBLE | 4.8 |
| 3 | DELAWARE | 6.6 | 24 | MADISON | 4.7 |
| 4 | ADAMS | 6.5 | 25 | MORGAN | 4.5 |
| 5 | GRANT | 6.4 | 26 | ELKHART | 4.4 |
| 6 | MARION | 6.3 | 27 | VIGO | 4.3 |
| 7 | SHELBY | 6.2 | 28 | DEARBORN | 4.2 |
| 7 | LAKE | 6.2 | 28 | LAGRANGE | 4.2 |
| 9 | TIPPECANOE | 6.1 | 30 | PORTER | 4.1 |
| 10 | LAPORTE | 5.7 | 31 | KOSCIUSKO | 4.0 |
| 11 | LAWRENCE | 5.6 | 31 | HAMILTON | 4.0 |
| 11 | ST. JOSEPH | 5.6 | 31 | DAVISS | 4.0 |
| 13 | CASS | 5.3 | 31 | HENDRICKS | 4.0 |
| 13 | BARTHOLOMEW | 5.3 | 35 | JOHNSON | 3.9 |
| 13 | WAYNE | 5.3 | 36 | DUBOIS | 3.7 |
| 13 | HENRY | 5.3 | 37 | WARRICK | 3.6 |
| 17 | KNOX | 5.2 | 37 | CLARK | 3.6 |
| 18 | ALLEN | 5.1 | 39 | HOWARD | 3.5 |
| 18 | BOONE | 5.1 | 40 | JACKSON | 3.3 |
| 20 | VANDERBURGH | 5.0 | 40 | HANCOCK | 3.3 |
| 21 | CLINTON | 4.8 | 42 | MARSHALL | 3.0 |
| | | | | INDIANA | 5.0 |

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Neonatal Mortality Rates, White Indiana Residents, 1999-2008

(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 | JAY | 7.3 | 19 | MADISON | 4.6 |
| 2 | GREENE | 6.6 | 21 | MORGAN | 4.5 |
| 3 | TIPPECANOE | 6.4 | 21 | MARION | 4.5 |
| 4 | ADAMS | 6.3 | 23 | LAPORTE | 4.3 |
| 5 | SHELBY | 5.8 | 24 | ST. JOSEPH | 4.2 |
| 6 | GRANT | 5.6 | 24 | LAGRANGE | 4.2 |
| 7 | LAWRENCE | 5.5 | 26 | KOSCIUSKO | 4.1 |
| 8 | HENRY | 5.3 | 27 | DEARBORN | 4.0 |
| 9 | CASS | 5.1 | 27 | HENDRICKS | 4.0 |
| 9 | DELAWARE | 5.1 | 27 | ELKHART | 4.0 |
| 11 | MONROE | 5.0 | 30 | PORTER | 3.9 |
| 11 | KNOX | 5.0 | 31 | JOHNSON | 3.8 |
| 13 | BARTHOLOMEW | 4.9 | 32 | VIGO | 3.7 |
| 13 | CLINTON | 4.9 | 32 | HAMILTON | 3.7 |
| 13 | NOBLE | 4.9 | 34 | ALLEN | 3.6 |
| 16 | LAKE | 4.8 | 35 | HOWARD | 3.5 |
| 16 | BOONE | 4.8 | 36 | CLARK | 3.3 |
| 18 | VANDEBURGH | 4.7 | 37 | MARSHALL | 3.0 |
| 19 | WAYNE | 4.6 | 37 | HANCOCK | 3.0 |
| | | | | INDIANA | 4.3 |

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Neonatal Mortality Rates, Black Indiana Residents, 1999-2008

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

| <u>RANK</u> | <u>COUNTY</u> | <u>RATE*</u> |
|-------------|---------------|--------------|
| 1 | DELAWARE | 19.1 |
| 2 | LAPORTE | 13.1 |
| 3 | ALLEN | 12.7 |
| 4 | ST. JOSEPH | 11.8 |
| 5 | MARION | 10.6 |
| 6 | ELKHART | 9.5 |
| 7 | LAKE | 9.2 |
| | INDIANA | 10.4 |

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Neonatal Mortality Rates, Non-Hispanic Indiana Residents, 1999-2008

(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 | JAY | 7.5 | 19 | HENRY | 5.0 |
| 2 | GREENE | 6.9 | 19 | BARTHOLOMEW | 5.0 |
| 3 | ADAMS | 6.6 | 22 | MADISON | 4.7 |
| 4 | MARION | 6.5 | 22 | MONROE | 4.7 |
| 5 | DELAWARE | 6.4 | 24 | MORGAN | 4.5 |
| 6 | LAKE | 6.3 | 25 | NOBLE | 4.4 |
| 7 | GRANT | 6.0 | 25 | ELKHART | 4.4 |
| 8 | ST. JOSEPH | 5.9 | 27 | VIGO | 4.3 |
| 9 | CLINTON | 5.8 | 28 | HAMILTON | 4.1 |
| 9 | LAPORTE | 5.8 | 29 | HENDRICKS | 4.0 |
| 11 | TIPPECANOE | 5.7 | 29 | PORTER | 4.0 |
| 11 | LAWRENCE | 5.7 | 31 | KOSCIUSKO | 3.9 |
| 11 | SHELBY | 5.7 | 32 | LAGRANGE | 3.8 |
| 14 | CASS | 5.4 | 32 | DEARBORN | 3.8 |
| 15 | KNOX | 5.2 | 32 | JOHNSON | 3.8 |
| 15 | ALLEN | 5.2 | 35 | WARRICK | 3.7 |
| 15 | BOONE | 5.2 | 36 | HOWARD | 3.5 |
| 15 | WAYNE | 5.2 | 36 | CLARK | 3.5 |
| 19 | VANDERBURGH | 5.0 | 38 | HANCOCK | 3.4 |
| | | | | INDIANA | 5.0 |

*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, 2012

Neonatal Mortality Rates, Hispanic Indiana Residents, 1999-2008

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

| <u>RANK</u> | <u>COUNTY</u> | <u>RATE*</u> |
|-------------|---------------|--------------|
| 1 | TIPPECANOE | 8.3 |
| 2 | LAKE | 5.1 |
| 3 | MARION | 4.9 |
| 4 | ELKHART | 4.3 |
| | INDIANA | 4.9 |

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates, Total Population, Indiana Residents, 1999-2008

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

| <u>RANK</u> | <u>COUNTY</u> | <u>RATE*</u> |
|-------------|---------------|--------------|
| 1 | WAYNE | 3.8 |
| 2 | DELAWARE | 3.6 |
| 3 | DEKALB | 3.5 |
| 4 | LAKE | 3.3 |
| 5 | ELKHART | 3.2 |
| 5 | LAPORTE | 3.2 |
| 7 | VIGO | 3.1 |
| 7 | MADISON | 3.1 |
| 9 | VANDERBURGH | 3.0 |
| 9 | MARION | 3.0 |
| 9 | GRANT | 3.0 |
| 12 | ST. JOSEPH | 2.9 |
| 13 | NOBLE | 2.8 |
| 13 | HOWARD | 2.8 |
| 15 | ALLEN | 2.7 |
| 16 | PORTER | 2.6 |
| 17 | FLOYD | 2.5 |
| 18 | CLARK | 2.4 |
| 18 | BARTHOLOMEW | 2.4 |
| 20 | TIPPECANOE | 2.3 |
| 21 | KOSCIUSKO | 2.2 |
| 22 | JOHNSON | 2.1 |
| 23 | MONROE | 1.9 |
| 24 | HAMILTON | 1.4 |
| 25 | HENDRICKS | 1.3 |
| | INDIANA | 2.7 |

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates, White Indiana Residents, 1999-2008

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

| <u>RANK</u> | <u>COUNTY</u> | <u>RATE*</u> |
|-------------|---------------|--------------|
| 1 | WAYNE | 3.4 |
| 2 | VIGO | 3.0 |
| 3 | GRANT | 2.9 |
| 3 | DELAWARE | 2.9 |
| 5 | VANDEBURGH | 2.6 |
| 5 | ELKHART | 2.6 |
| 5 | PORTER | 2.6 |
| 8 | LAPORTE | 2.5 |
| 9 | TIPPECANOE | 2.4 |
| 10 | CLARK | 2.3 |
| 10 | BARTHOLOMEW | 2.3 |
| 10 | MADISON | 2.3 |
| 13 | MARION | 2.2 |
| 13 | KOSCIUSKO | 2.2 |
| 13 | HOWARD | 2.2 |
| 13 | ALLEN | 2.2 |
| 17 | MONROE | 2.1 |
| 18 | LAKE | 2.0 |
| 18 | JOHNSON | 2.0 |
| 20 | ST. JOSEPH | 1.7 |
| 21 | HAMILTON | 1.5 |
| | INDIANA | 2.3 |

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates, Black Indiana Residents, 1999-2008

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

| <u>RANK</u> | <u>COUNTY</u> | <u>RATE*</u> |
|-------------|---------------|--------------|
| 1 | ELKHART | 10.0 |
| 2 | ST. JOSEPH | 8.2 |
| 3 | LAKE | 6.0 |
| 4 | ALLEN | 5.2 |
| 5 | MARION | 4.8 |
| | INDIANA | 5.7 |

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Postneonatal Mortality Rates, Non-Hispanic Indiana Residents, 1999-2008

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

| <u>RANK</u> | <u>COUNTY</u> | <u>RATE*</u> |
|-------------|---------------|--------------|
| 1 | WAYNE | 4.0 |
| 2 | DEKALB | 3.7 |
| 3 | LAKE | 3.6 |
| 3 | DELAWARE | 3.6 |
| 5 | ELKHART | 3.5 |
| 6 | LAPORTE | 3.4 |
| 7 | GRANT | 3.1 |
| 7 | MARION | 3.1 |
| 9 | MADISON | 3.0 |
| 9 | VIGO | 3.0 |
| 9 | ST. JOSEPH | 3.0 |
| 12 | VANDEBURGH | 2.9 |
| 13 | ALLEN | 2.8 |
| 14 | HOWARD | 2.6 |
| 14 | FLOYD | 2.6 |
| 14 | BARTHOLOMEW | 2.6 |
| 17 | CLARK | 2.5 |
| 17 | PORTER | 2.5 |
| 19 | TIPPECANOE | 2.1 |
| 19 | JOHNSON | 2.1 |
| 21 | MONROE | 2.0 |
| 22 | HAMILTON | 1.5 |
| 23 | HENDRICKS | 1.3 |
| | 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, 2012

Postneonatal Mortality Rates, Hispanic Indiana Residents, 1999-2008

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

| <u>RANK</u> | <u>COUNTY</u> | <u>RATE*</u> |
|-------------|---------------|--------------|
| 1 | LAKE | 2.1 |
| 2 | MARION | 2.0 |
| | INDIANA | 2.2 |

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Prenatal Care Began in First Trimester, Total Population, Indiana Residents, 1999-2008

| <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT*</u> | <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT*</u> |
|-------------|---------------|-----------------|-------------|---------------|-----------------|
| 1 | LAGRANGE | 44.7 | 46 | JASPER | 80.8 |
| 2 | ELKHART | 61.7 | 46 | BENTON | 80.8 |
| 3 | ADAMS | 63.5 | 49 | UNION | 80.9 |
| 4 | DAVISS | 68.7 | 50 | CRAWFORD | 81.0 |
| 5 | CLINTON | 69.8 | 51 | WARREN | 81.2 |
| 6 | GRANT | 71.7 | 51 | MONROE | 81.2 |
| 7 | SCOTT | 73.1 | 53 | STARKE | 81.3 |
| 8 | MARION | 73.2 | 53 | LAWRENCE | 81.3 |
| 9 | NOBLE | 73.3 | 55 | MORGAN | 81.4 |
| 9 | LAPORTE | 73.3 | 55 | PERRY | 81.4 |
| 11 | CASS | 73.6 | 55 | PULASKI | 81.4 |
| 12 | ST. JOSEPH | 74.4 | 58 | RUSH | 81.5 |
| 13 | JAY | 74.5 | 58 | SHELBY | 81.5 |
| 13 | PARKE | 74.5 | 58 | BROWN | 81.5 |
| 15 | FOUNTAIN | 75.9 | 61 | MARTIN | 81.9 |
| 16 | FULTON | 76.2 | 61 | CLAY | 81.9 |
| 17 | LAKE | 76.3 | 63 | PUTNAM | 82.4 |
| 18 | WASHINGTON | 76.4 | 64 | TIPTON | 82.5 |
| 19 | CLARK | 76.5 | 65 | VIGO | 82.6 |
| 20 | KOSCIUSKO | 77.0 | 66 | SULLIVAN | 82.7 |
| 21 | JENNINGS | 77.3 | 67 | RANDOLPH | 83.1 |
| 22 | JACKSON | 77.4 | 67 | FAYETTE | 83.1 |
| 22 | SWITZERLAND | 77.4 | 69 | VANDEBURGH | 83.3 |
| 24 | WAYNE | 77.9 | 70 | FRANKLIN | 83.4 |
| 25 | BARTHOLOMEW | 78.1 | 71 | BLACKFORD | 83.7 |
| 26 | DECATUR | 78.2 | 72 | KNOX | 84.0 |
| 27 | STEUBEN | 78.3 | 72 | HARRISON | 84.0 |
| 28 | HOWARD | 78.6 | 74 | RIPLEY | 84.3 |
| 28 | FLOYD | 78.6 | 75 | WHITLEY | 84.6 |
| 28 | OWEN | 78.6 | 76 | JOHNSON | 85.1 |
| 31 | MONTGOMERY | 78.8 | 76 | SPENCER | 85.1 |
| 31 | MARSHALL | 78.8 | 78 | WELLS | 85.8 |
| 33 | JEFFERSON | 79.0 | 78 | HUNTINGTON | 85.8 |
| 34 | ORANGE | 79.1 | 80 | OHIO | 85.9 |
| 35 | TIPPECANOE | 79.2 | 81 | GIBSON | 86.0 |
| 36 | VERMILLION | 79.3 | 82 | DELAWARE | 86.4 |
| 37 | MADISON | 79.7 | 83 | BOONE | 86.5 |
| 38 | DEKALB | 79.9 | 83 | PIKE | 86.5 |
| 38 | NEWTON | 79.9 | 85 | DUBOIS | 86.7 |
| 40 | CARROLL | 80.1 | 86 | HENDRICKS | 87.1 |
| 40 | ALLEN | 80.1 | 87 | POSEY | 87.4 |
| 42 | GREENE | 80.2 | 87 | WARRICK | 87.4 |
| 43 | WABASH | 80.5 | 89 | HENRY | 87.5 |
| 43 | WHITE | 80.5 | 90 | HAMILTON | 87.7 |
| 45 | PORTER | 80.6 | 91 | HANCOCK | 88.6 |
| 46 | MIAMI | 80.8 | 92 | DEARBORN | 88.8 |
| | | | | INDIANA | 77.9 |

*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, 2012

Prenatal Care Began in First Trimester, White Indiana Residents, 1999-2008

| <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT*</u> | <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT*</u> |
|-------------|---------------|-----------------|-------------|---------------|-----------------|
| 1 | LAGRANGE | 44.6 | 47 | CRAWFORD | 81.1 |
| 2 | ELKHART | 62.7 | 47 | MIAMI | 81.1 |
| 3 | ADAMS | 63.5 | 47 | BENTON | 81.1 |
| 4 | DAVISS | 69.0 | 50 | UNION | 81.2 |
| 5 | CLINTON | 70.0 | 51 | PULASKI | 81.3 |
| 6 | SCOTT | 73.3 | 51 | STARKE | 81.3 |
| 7 | GRANT | 73.6 | 53 | MORGAN | 81.4 |
| 8 | NOBLE | 73.7 | 53 | BROWN | 81.4 |
| 9 | CASS | 73.9 | 55 | SHELBY | 81.5 |
| 10 | PARKE | 74.5 | 56 | LAWRENCE | 81.6 |
| 10 | JAY | 74.5 | 56 | PERRY | 81.6 |
| 12 | LAPORTE | 75.8 | 58 | RUSH | 81.7 |
| 13 | FOUNTAIN | 76.1 | 59 | MARTIN | 82.0 |
| 14 | FULTON | 76.3 | 59 | MONROE | 82.0 |
| 15 | MARION | 76.4 | 61 | CLAY | 82.1 |
| 16 | WASHINGTON | 76.5 | 62 | PUTNAM | 82.5 |
| 17 | KOSCIUSKO | 77.3 | 62 | TIPTON | 82.5 |
| 18 | JENNINGS | 77.4 | 64 | SULLIVAN | 82.8 |
| 18 | SWITZERLAND | 77.4 | 65 | ALLEN | 83.0 |
| 20 | JACKSON | 77.5 | 66 | VIGO | 83.4 |
| 21 | CLARK | 77.6 | 66 | FAYETTE | 83.4 |
| 22 | ST. JOSEPH | 77.7 | 66 | FRANKLIN | 83.4 |
| 23 | BARTHOLOMEW | 78.2 | 69 | RANDOLPH | 83.5 |
| 24 | STEUBEN | 78.4 | 70 | BLACKFORD | 83.7 |
| 24 | DECATUR | 78.4 | 71 | KNOX | 84.1 |
| 26 | WAYNE | 78.8 | 72 | HARRISON | 84.2 |
| 27 | OWEN | 78.9 | 73 | RIPLEY | 84.3 |
| 28 | MARSHALL | 79.0 | 74 | WHITLEY | 84.8 |
| 29 | MONTGOMERY | 79.2 | 75 | VANDEBURGH | 85.2 |
| 30 | JEFFERSON | 79.3 | 75 | SPENCER | 85.2 |
| 31 | VERMILLION | 79.4 | 77 | JOHNSON | 85.3 |
| 31 | ORANGE | 79.4 | 78 | HUNTINGTON | 85.9 |
| 33 | HOWARD | 79.8 | 79 | WELLS | 86.0 |
| 33 | DEKALB | 79.8 | 80 | OHIO | 86.2 |
| 35 | TIPPECANOE | 80.0 | 80 | GIBSON | 86.2 |
| 36 | NEWTON | 80.1 | 82 | PIKE | 86.5 |
| 37 | CARROLL | 80.2 | 83 | BOONE | 86.6 |
| 37 | FLOYD | 80.2 | 84 | DUBOIS | 87.0 |
| 39 | GREENE | 80.3 | 85 | HENDRICKS | 87.4 |
| 40 | WABASH | 80.6 | 86 | DELAWARE | 87.5 |
| 41 | JASPER | 80.8 | 86 | POSEY | 87.5 |
| 42 | WHITE | 80.9 | 88 | WARRICK | 87.6 |
| 42 | MADISON | 80.9 | 89 | HENRY | 87.7 |
| 42 | PORTER | 80.9 | 90 | HAMILTON | 88.1 |
| 45 | LAKE | 81.0 | 91 | HANCOCK | 88.8 |
| 45 | WARREN | 81.0 | 92 | DEARBORN | 88.9 |
| | | | | INDIANA | 79.6 |

*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, 2012

Prenatal Care Began in First Trimester, Black Indiana Residents, 1999-2008

(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 | 46.5 |
| 2 | GRANT | 54.8 |
| 3 | CASS | 56.4 |
| 4 | LAPORTE | 58.2 |
| 5 | NOBLE | 58.8 |
| 6 | ST. JOSEPH | 59.2 |
| 7 | MONTGOMERY | 59.3 |
| 8 | FLOYD | 61.4 |
| 9 | TIPPECANOE | 63.2 |
| 10 | KOSCIUSKO | 63.6 |
| 11 | MIAMI | 63.9 |
| 12 | CLARK | 64.2 |
| 13 | ALLEN | 64.8 |
| 14 | HOWARD | 65.3 |
| 15 | MARION | 65.4 |
| 16 | WAYNE | 66.2 |
| 17 | BARTHOLOMEW | 66.3 |
| 18 | LAKE | 66.6 |
| 19 | JEFFERSON | 66.7 |
| 20 | MONROE | 67.6 |
| 21 | MADISON | 68.2 |
| 22 | GIBSON | 70.5 |
| 23 | VANDEBURGH | 70.6 |
| 24 | KNOX | 70.8 |
| 25 | VIGO | 71.7 |
| 26 | PORTER | 72.2 |
| 27 | FAYETTE | 76.2 |
| 27 | HENDRICKS | 76.2 |
| 29 | DELAWARE | 76.5 |
| 30 | JOHNSON | 76.6 |
| 31 | BOONE | 78.0 |
| 32 | HAMILTON | 78.3 |
| 33 | WARRICK | 78.4 |
| 34 | POSEY | 78.8 |
| 35 | DEARBORN | 81.0 |
| 36 | HANCOCK | 83.7 |
| 37 | SHELBY | 83.9 |
| 38 | HENRY | 85.4 |
| 39 | PUTNAM | 86.7 |
| | INDIANA | 65.2 |

*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, 2012

Prenatal Care Began in First Trimester, Non-Hispanic Indiana Residents, 1999-2008

| <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT*</u> | <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT*</u> |
|-------------|---------------|-----------------|-------------|---------------|-----------------|
| 1 | LAGRANGE | 43.7 | 47 | CRAWFORD | 81.3 |
| 2 | ADAMS | 63.4 | 48 | CARROLL | 81.4 |
| 3 | ELKHART | 65.4 | 48 | MORGAN | 81.4 |
| 4 | DAVISS | 69.2 | 50 | LAWRENCE | 81.5 |
| 5 | GRANT | 72.4 | 50 | STARKE | 81.5 |
| 6 | SCOTT | 73.3 | 50 | PERRY | 81.5 |
| 7 | LAPORTE | 73.8 | 53 | TIPPECANOE | 81.6 |
| 8 | JAY | 74.4 | 53 | MONROE | 81.6 |
| 9 | PARKE | 74.5 | 53 | PULASKI | 81.6 |
| 10 | ST. JOSEPH | 75.4 | 56 | RUSH | 81.7 |
| 11 | MARION | 75.9 | 56 | BROWN | 81.7 |
| 12 | FOUNTAIN | 76.5 | 58 | CLAY | 81.9 |
| 12 | FULTON | 76.5 | 59 | MARTIN | 82.2 |
| 14 | WASHINGTON | 76.6 | 60 | JASPER | 82.4 |
| 15 | NOBLE | 77.1 | 60 | PUTNAM | 82.4 |
| 15 | LAKE | 77.1 | 62 | SULLIVAN | 82.8 |
| 17 | SWITZERLAND | 77.5 | 62 | VIGO | 82.8 |
| 18 | JENNINGS | 77.8 | 64 | SHELBY | 83.3 |
| 19 | CLARK | 78.2 | 64 | FAYETTE | 83.3 |
| 20 | CASS | 78.5 | 66 | TIPTON | 83.5 |
| 20 | CLINTON | 78.5 | 66 | FRANKLIN | 83.5 |
| 22 | KOSCIUSKO | 78.6 | 68 | VANDERBURGH | 83.7 |
| 23 | DECATUR | 78.7 | 69 | WHITE | 83.8 |
| 23 | OWEN | 78.7 | 70 | BLACKFORD | 84.0 |
| 25 | HOWARD | 78.9 | 71 | RANDOLPH | 84.1 |
| 26 | WAYNE | 79.0 | 71 | KNOX | 84.1 |
| 27 | JACKSON | 79.3 | 73 | HARRISON | 84.3 |
| 28 | VERMILLION | 79.4 | 74 | WHITLEY | 84.8 |
| 29 | FLOYD | 79.5 | 75 | RIPLEY | 85.1 |
| 29 | ORANGE | 79.5 | 76 | GIBSON | 85.9 |
| 31 | JEFFERSON | 79.6 | 77 | JOHNSON | 86.0 |
| 32 | MARSHALL | 79.8 | 78 | HUNTINGTON | 86.1 |
| 33 | BARTHOLOMEW | 80.2 | 79 | SPENCER | 86.2 |
| 33 | GREENE | 80.2 | 80 | WELLS | 86.3 |
| 35 | DEKALB | 80.3 | 81 | OHIO | 86.4 |
| 36 | WABASH | 80.6 | 82 | DELAWARE | 86.5 |
| 36 | UNION | 80.6 | 82 | PIKE | 86.5 |
| 36 | MONTGOMERY | 80.6 | 84 | BOONE | 86.8 |
| 36 | ALLEN | 80.6 | 85 | HENDRICKS | 87.5 |
| 40 | STEBEN | 80.7 | 85 | POSEY | 87.5 |
| 41 | MIAMI | 80.9 | 85 | HENRY | 87.5 |
| 41 | MADISON | 80.9 | 85 | WARRICK | 87.5 |
| 43 | WARREN | 81.1 | 89 | HAMILTON | 88.7 |
| 43 | PORTER | 81.1 | 89 | DEARBORN | 88.7 |
| 45 | NEWTON | 81.2 | 89 | DUBOIS | 88.7 |
| 45 | BENTON | 81.2 | 92 | HANCOCK | 88.8 |
| | | | | INDIANA | 79.4 |

*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, 2012

Prenatal Care Began in First Trimester, Hispanic Indiana Residents, 1999-2008

(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 | 40.9 | 37 | KNOX | 64.1 |
| 2 | DECATUR | 44.4 | 38 | WHITLEY | 64.8 |
| 3 | FLOYD | 45.0 | 39 | LAPORTE | 65.3 |
| 4 | CLARK | 47.3 | 40 | VIGO | 65.4 |
| 5 | ELKHART | 48.2 | 41 | WELLS | 65.5 |
| 6 | TIPTON | 49.0 | 42 | ST. JOSEPH | 65.8 |
| 7 | MADISON | 49.6 | 43 | ADAMS | 66.9 |
| 8 | JENNINGS | 50.7 | 44 | VANDERBURGH | 67.0 |
| 9 | MONTGOMERY | 50.9 | 45 | DUBOIS | 68.0 |
| 10 | STEUBEN | 51.1 | 46 | HUNTINGTON | 68.4 |
| 10 | RIPLEY | 51.1 | 47 | STARKE | 69.2 |
| 12 | WAYNE | 52.7 | 48 | FULTON | 69.3 |
| 13 | MARION | 53.6 | 49 | MONROE | 69.7 |
| 14 | BARTHOLOMEW | 54.0 | 50 | HENDRICKS | 70.1 |
| 15 | NOBLE | 54.5 | 51 | BOONE | 72.1 |
| 16 | SHELBY | 54.6 | 52 | LAKE | 72.4 |
| 17 | FOUNTAIN | 55.4 | 53 | PULASKI | 72.5 |
| 17 | GRANT | 55.4 | 53 | MARSHALL | 72.5 |
| 19 | CASS | 56.0 | 55 | LAWRENCE | 72.6 |
| 20 | JACKSON | 56.7 | 56 | PORTER | 73.3 |
| 21 | JASPER | 57.8 | 57 | HARRISON | 74.2 |
| 22 | NEWTON | 58.3 | 57 | BENTON | 74.2 |
| 22 | HAMILTON | 58.3 | 59 | ALLEN | 74.6 |
| 24 | SPENCER | 58.4 | 59 | JAY | 74.6 |
| 25 | RANDOLPH | 58.6 | 61 | HANCOCK | 74.8 |
| 25 | WHITE | 58.6 | 62 | WABASH | 75.6 |
| 27 | CARROLL | 59.3 | 63 | GREENE | 75.8 |
| 28 | LAGRANGE | 59.5 | 64 | MIAMI | 76.3 |
| 29 | JOHNSON | 60.2 | 65 | WARRICK | 76.5 |
| 30 | HOWARD | 60.4 | 66 | MORGAN | 77.8 |
| 31 | SCOTT | 61.4 | 67 | DELAWARE | 79.8 |
| 32 | JEFFERSON | 61.5 | 68 | PUTNAM | 81.3 |
| 33 | DAVISS | 62.5 | 69 | DEARBORN | 81.8 |
| 34 | TIPPECANOE | 63.2 | 70 | HENRY | 84.2 |
| 35 | KOSCIUSKO | 63.6 | 71 | GIBSON | 90.2 |
| 35 | DEKALB | 63.6 | | | |
| | | | | INDIANA | 60.7 |

*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, 2012

Low Birthweight*, Total Population, Indiana Residents, 1999-2008

| <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT</u> | <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT</u> |
|-------------|---------------|----------------|-------------|---------------|----------------|
| 1 | PIKE | 9.7 | 42 | DEARBORN | 7.6 |
| 2 | LAKE | 9.5 | 42 | PULASKI | 7.6 |
| 3 | SULLIVAN | 9.4 | 42 | ORANGE | 7.6 |
| 4 | PERRY | 9.3 | 50 | CLINTON | 7.5 |
| 5 | GRANT | 9.1 | 51 | WHITLEY | 7.4 |
| 5 | MARION | 9.1 | 51 | JENNINGS | 7.4 |
| 7 | DELAWARE | 9.0 | 51 | BARTHOLOMEW | 7.4 |
| 7 | SCOTT | 9.0 | 54 | DECATUR | 7.3 |
| 9 | VANDEBURGH | 8.8 | 54 | HARRISON | 7.3 |
| 9 | RUSH | 8.8 | 56 | MIAMI | 7.2 |
| 11 | ALLEN | 8.7 | 56 | FRANKLIN | 7.2 |
| 11 | WABASH | 8.7 | 56 | CASS | 7.2 |
| 11 | LAPORTE | 8.7 | 56 | POSEY | 7.2 |
| 14 | FAYETTE | 8.6 | 56 | PUTNAM | 7.2 |
| 15 | MADISON | 8.5 | 56 | RIPLEY | 7.2 |
| 16 | JAY | 8.4 | 56 | NEWTON | 7.2 |
| 16 | MORGAN | 8.4 | 63 | SWITZERLAND | 7.1 |
| 16 | MARTIN | 8.4 | 64 | FULTON | 7.0 |
| 19 | KNOX | 8.3 | 64 | STARKE | 7.0 |
| 20 | SHELBY | 8.2 | 64 | OWEN | 7.0 |
| 20 | CRAWFORD | 8.2 | 67 | DAVISS | 6.9 |
| 22 | RANDOLPH | 8.0 | 67 | MONROE | 6.9 |
| 22 | ST. JOSEPH | 8.0 | 67 | ELKHART | 6.9 |
| 22 | GREENE | 8.0 | 70 | TIPPECANOE | 6.8 |
| 25 | BLACKFORD | 7.9 | 70 | HANCOCK | 6.8 |
| 25 | WAYNE | 7.9 | 70 | JEFFERSON | 6.8 |
| 25 | FLOYD | 7.9 | 70 | CLAY | 6.8 |
| 25 | PARKE | 7.9 | 70 | PORTER | 6.8 |
| 25 | CLARK | 7.9 | 75 | JOHNSON | 6.7 |
| 25 | JACKSON | 7.9 | 75 | HAMILTON | 6.7 |
| 25 | HOWARD | 7.9 | 77 | DUBOIS | 6.6 |
| 32 | STEBEN | 7.8 | 77 | KOSCIUSKO | 6.6 |
| 32 | VERMILLION | 7.8 | 77 | BOONE | 6.6 |
| 32 | TIPTON | 7.8 | 80 | HENDRICKS | 6.5 |
| 32 | HUNTINGTON | 7.8 | 81 | BROWN | 6.4 |
| 32 | FOUNTAIN | 7.8 | 81 | JASPER | 6.4 |
| 37 | HENRY | 7.7 | 81 | MARSHALL | 6.4 |
| 37 | GIBSON | 7.7 | 81 | CARROLL | 6.4 |
| 37 | MONTGOMERY | 7.7 | 85 | WHITE | 6.3 |
| 37 | LAWRENCE | 7.7 | 85 | ADAMS | 6.3 |
| 37 | WELLS | 7.7 | 87 | WASHINGTON | 6.2 |
| 42 | NOBLE | 7.6 | 87 | DEKALB | 6.2 |
| 42 | WARRICK | 7.6 | 89 | WARREN | 5.7 |
| 42 | VIGO | 7.6 | 90 | BENTON | 5.4 |
| 42 | SPENCER | 7.6 | 91 | LAGRANGE | 5.3 |
| 42 | OHIO | 7.6 | 92 | UNION | 5.2 |
| | | | | INDIANA | 8.0 |

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Low Birthweight*, White Indiana Residents, 1999-2008

| <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT</u> | <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT</u> |
|-------------|---------------|----------------|-------------|---------------|----------------|
| 1 | PIKE | 9.8 | 46 | LAKE | 7.4 |
| 2 | PERRY | 9.3 | 46 | HOWARD | 7.4 |
| 3 | SULLIVAN | 9.1 | 46 | JENNINGS | 7.4 |
| 4 | SCOTT | 9.0 | 50 | CLARK | 7.3 |
| 5 | RUSH | 8.8 | 50 | DECATUR | 7.3 |
| 6 | GRANT | 8.7 | 50 | VIGO | 7.3 |
| 7 | WABASH | 8.6 | 53 | HARRISON | 7.2 |
| 7 | FAYETTE | 8.6 | 53 | FRANKLIN | 7.2 |
| 9 | MORGAN | 8.4 | 53 | MIAMI | 7.2 |
| 9 | JAY | 8.4 | 53 | BARTHOLOMEW | 7.2 |
| 11 | DELAWARE | 8.3 | 53 | NEWTON | 7.2 |
| 11 | MARTIN | 8.3 | 58 | PUTNAM | 7.1 |
| 13 | KNOX | 8.2 | 58 | RIPLEY | 7.1 |
| 13 | CRAWFORD | 8.2 | 58 | CASS | 7.1 |
| 13 | VANDEBURGH | 8.2 | 58 | POSEY | 7.1 |
| 16 | RANDOLPH | 8.1 | 58 | SWITZERLAND | 7.1 |
| 17 | MADISON | 8.0 | 63 | OWEN | 7.0 |
| 17 | SHELBY | 8.0 | 63 | STARKE | 7.0 |
| 17 | GREENE | 8.0 | 63 | FULTON | 7.0 |
| 20 | PARKE | 7.9 | 66 | MONROE | 6.9 |
| 20 | JACKSON | 7.9 | 67 | DAVISS | 6.8 |
| 22 | TIPTON | 7.8 | 67 | CLAY | 6.8 |
| 22 | BLACKFORD | 7.8 | 67 | HANCOCK | 6.8 |
| 22 | STUBEN | 7.8 | 67 | ST. JOSEPH | 6.8 |
| 22 | HUNTINGTON | 7.8 | 71 | TIPPECANOE | 6.7 |
| 22 | VERMILLION | 7.8 | 71 | DUBOIS | 6.7 |
| 27 | FOUNTAIN | 7.7 | 71 | JOHNSON | 6.7 |
| 27 | NOBLE | 7.7 | 74 | JEFFERSON | 6.6 |
| 27 | WELLS | 7.7 | 74 | PORTER | 6.6 |
| 27 | LAPORTE | 7.7 | 74 | KOSCIUSKO | 6.6 |
| 27 | WAYNE | 7.7 | 77 | HAMILTON | 6.5 |
| 27 | HENRY | 7.7 | 77 | BOONE | 6.5 |
| 33 | GIBSON | 7.6 | 77 | HENDRICKS | 6.5 |
| 33 | MONTGOMERY | 7.6 | 77 | BROWN | 6.5 |
| 33 | OHIO | 7.6 | 81 | ELKHART | 6.4 |
| 33 | LAWRENCE | 7.6 | 81 | CARROLL | 6.4 |
| 33 | PULASKI | 7.6 | 81 | MARSHALL | 6.4 |
| 33 | ORANGE | 7.6 | 84 | WHITE | 6.3 |
| 33 | SPENCER | 7.6 | 84 | JASPER | 6.3 |
| 33 | WARRICK | 7.6 | 84 | ADAMS | 6.3 |
| 33 | ALLEN | 7.6 | 84 | WASHINGTON | 6.3 |
| 42 | CLINTON | 7.5 | 88 | DEKALB | 6.2 |
| 42 | DEARBORN | 7.5 | 89 | WARREN | 5.6 |
| 42 | FLOYD | 7.5 | 90 | LAGRANGE | 5.4 |
| 42 | MARION | 7.5 | 91 | BENTON | 5.3 |
| 46 | WHITLEY | 7.4 | 92 | UNION | 5.2 |
| | | | | INDIANA | 7.3 |

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Low Birthweight*, Black Indiana Residents, 1999-2008

(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 | LAPORTE | 14.9 |
| 3 | ALLEN | 14.6 |
| 4 | LAKE | 13.8 |
| 5 | ST. JOSEPH | 13.7 |
| 5 | GRANT | 13.7 |
| 7 | CLARK | 13.5 |
| 7 | HOWARD | 13.5 |
| 9 | VANDEBURGH | 13.4 |
| 9 | FLOYD | 13.4 |
| 9 | ELKHART | 13.4 |
| 9 | WAYNE | 13.4 |
| 13 | MADISON | 13.2 |
| 14 | MARION | 13.1 |
| 14 | VIGO | 13.1 |
| 16 | MONROE | 13.0 |
| 17 | PORTER | 11.4 |
| 18 | TIPPECANOE | 10.6 |
| 19 | HAMILTON | 8.8 |
| 20 | HENDRICKS | 7.6 |
| | INDIANA | 13.4 |

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Low Birthweight*, Non-Hispanic Indiana Residents, 1999-2008

| <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT</u> | <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT</u> |
|-------------|---------------|----------------|-------------|---------------|----------------|
| 1 | LAKE | 9.9 | 44 | WELLS | 7.6 |
| 1 | STEUBEN | 9.9 | 44 | OHIO | 7.6 |
| 3 | PIKE | 9.7 | 49 | CASS | 7.5 |
| 4 | MARION | 9.5 | 49 | PULASKI | 7.5 |
| 5 | SULLIVAN | 9.4 | 49 | WARRICK | 7.5 |
| 6 | PERRY | 9.3 | 52 | DECATUR | 7.4 |
| 7 | GRANT | 9.2 | 52 | WHITLEY | 7.4 |
| 8 | DELAWARE | 9.1 | 52 | JENNINGS | 7.4 |
| 9 | SCOTT | 9.0 | 52 | BARTHOLOMEW | 7.4 |
| 10 | VANDERBURGH | 8.9 | 56 | FRANKLIN | 7.3 |
| 11 | ALLEN | 8.8 | 56 | MIAMI | 7.3 |
| 11 | LAPORTE | 8.8 | 58 | HARRISON | 7.2 |
| 11 | WABASH | 8.8 | 58 | FULTON | 7.2 |
| 14 | RUSH | 8.7 | 58 | PUTNAM | 7.2 |
| 14 | FAYETTE | 8.7 | 58 | POSEY | 7.2 |
| 16 | MADISON | 8.5 | 62 | ELKHART | 7.1 |
| 16 | JAY | 8.5 | 62 | NEWTON | 7.1 |
| 18 | MARTIN | 8.4 | 64 | OWEN | 7.0 |
| 18 | MORGAN | 8.4 | 64 | RIPLEY | 7.0 |
| 18 | SHELBY | 8.4 | 64 | SWITZERLAND | 7.0 |
| 21 | KNOX | 8.3 | 64 | STARKE | 7.0 |
| 22 | NOBLE | 8.2 | 64 | JEFFERSON | 7.0 |
| 22 | CLINTON | 8.2 | 64 | MONROE | 7.0 |
| 22 | ST. JOSEPH | 8.2 | 70 | DAVIESS | 6.9 |
| 25 | RANDOLPH | 8.1 | 71 | HANCOCK | 6.8 |
| 25 | WAYNE | 8.1 | 71 | TIPPECANOE | 6.8 |
| 27 | GREENE | 8.0 | 71 | WHITE | 6.8 |
| 27 | FLOYD | 8.0 | 71 | PORTER | 6.8 |
| 27 | CRAWFORD | 8.0 | 71 | CLAY | 6.8 |
| 27 | CLARK | 8.0 | 76 | JOHNSON | 6.7 |
| 31 | PARKE | 7.9 | 76 | DUBOIS | 6.7 |
| 31 | JACKSON | 7.9 | 76 | HAMILTON | 6.7 |
| 31 | HOWARD | 7.9 | 79 | BOONE | 6.6 |
| 31 | FOUNTAIN | 7.9 | 79 | CARROLL | 6.6 |
| 31 | BLACKFORD | 7.9 | 79 | KOSCIUSKO | 6.6 |
| 36 | HENRY | 7.8 | 82 | BROWN | 6.5 |
| 36 | HUNTINGTON | 7.8 | 82 | MARSHALL | 6.5 |
| 36 | VERMILLION | 7.8 | 82 | HENDRICKS | 6.5 |
| 36 | GIBSON | 7.8 | 85 | JASPER | 6.4 |
| 40 | MONTGOMERY | 7.7 | 86 | ADAMS | 6.3 |
| 40 | SPENCER | 7.7 | 86 | DEKALB | 6.3 |
| 40 | TIPTON | 7.7 | 88 | WASHINGTON | 6.2 |
| 40 | LAWRENCE | 7.7 | 89 | WARREN | 5.8 |
| 44 | VIGO | 7.6 | 90 | UNION | 5.5 |
| 44 | ORANGE | 7.6 | 91 | BENTON | 5.4 |
| 44 | DEARBORN | 7.6 | 92 | LAGRANGE | 5.3 |
| | | | | INDIANA | 8.1 |

*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, 2012

Low Birthweight*, Hispanic Indiana Residents, 1999-2008

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

| <u>RANK</u> | <u>COUNTY</u> | <u>PERCENT</u> |
|-------------|---------------|----------------|
| 1 | HENDRICKS | 7.8 |
| 2 | VANDEBURGH | 7.5 |
| 3 | DAVISS | 7.4 |
| 4 | LAKE | 7.3 |
| 4 | BARTHOLOMEW | 7.3 |
| 4 | GRANT | 7.3 |
| 4 | JACKSON | 7.3 |
| 4 | MADISON | 7.3 |
| 9 | ALLEN | 7.2 |
| 9 | KOSCIUSKO | 7.2 |
| 11 | PORTER | 7.0 |
| 12 | TIPPECANOE | 6.9 |
| 13 | MONTGOMERY | 6.8 |
| 14 | MONROE | 6.6 |
| 14 | HAMILTON | 6.6 |
| 14 | CLARK | 6.6 |
| 17 | LAPORTE | 6.5 |
| 18 | ST. JOSEPH | 6.3 |
| 18 | JOHNSON | 6.3 |
| 20 | MARION | 6.1 |
| 21 | DUBOIS | 6.0 |
| 21 | CASS | 6.0 |
| 23 | WAYNE | 5.9 |
| 23 | ELKHART | 5.9 |
| 25 | MARSHALL | 5.5 |
| 26 | CLINTON | 5.2 |
| 27 | NOBLE | 4.8 |
| | INDIANA | 6.5 |

*Birthweight less than 2,500 grams.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Very Low Birthweight*, Total Population, Indiana Residents, 1999-2008

(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 | SULLIVAN | 1.9 | 37 | GIBSON | 1.3 |
| 1 | LAKE | 1.9 | 37 | HENRY | 1.3 |
| 3 | PERRY | 1.8 | 37 | MONROE | 1.3 |
| 3 | LAPORTE | 1.8 | 37 | BARTHOLOMEW | 1.3 |
| 3 | PIKE | 1.8 | 37 | WELLS | 1.3 |
| 3 | MARION | 1.8 | 37 | FRANKLIN | 1.3 |
| 7 | PULASKI | 1.7 | 48 | ORANGE | 1.2 |
| 7 | VANDEBURGH | 1.7 | 48 | NOBLE | 1.2 |
| 9 | ST. JOSEPH | 1.6 | 48 | JASPER | 1.2 |
| 9 | PARKE | 1.6 | 48 | DECATUR | 1.2 |
| 9 | RUSH | 1.6 | 48 | WHITE | 1.2 |
| 9 | MARTIN | 1.6 | 48 | HARRISON | 1.2 |
| 9 | JAY | 1.6 | 48 | CARROLL | 1.2 |
| 9 | CLARK | 1.6 | 48 | SPENCER | 1.2 |
| 15 | CLAY | 1.5 | 48 | POSEY | 1.2 |
| 15 | LAWRENCE | 1.5 | 48 | DEARBORN | 1.2 |
| 15 | ALLEN | 1.5 | 48 | MIAMI | 1.2 |
| 15 | WAYNE | 1.5 | 48 | HUNTINGTON | 1.2 |
| 15 | RANDOLPH | 1.5 | 48 | STARKE | 1.2 |
| 15 | TIPPECANOE | 1.5 | 48 | FOUNTAIN | 1.2 |
| 15 | DELAWARE | 1.5 | 62 | HAMILTON | 1.1 |
| 15 | VIGO | 1.5 | 62 | GREENE | 1.1 |
| 15 | FULTON | 1.5 | 62 | PORTER | 1.1 |
| 15 | SHELBY | 1.5 | 62 | MONTGOMERY | 1.1 |
| 25 | FAYETTE | 1.4 | 62 | WASHINGTON | 1.1 |
| 25 | CASS | 1.4 | 62 | BOONE | 1.1 |
| 25 | JENNINGS | 1.4 | 62 | MARSHALL | 1.1 |
| 25 | SCOTT | 1.4 | 62 | DUBOIS | 1.1 |
| 25 | KNOX | 1.4 | 62 | JOHNSON | 1.1 |
| 25 | WARRICK | 1.4 | 71 | WHITLEY | 1.0 |
| 25 | GRANT | 1.4 | 71 | DEKALB | 1.0 |
| 25 | MADISON | 1.4 | 71 | RIPLEY | 1.0 |
| 25 | MORGAN | 1.4 | 71 | HANCOCK | 1.0 |
| 25 | FLOYD | 1.4 | 71 | PUTNAM | 1.0 |
| 25 | CLINTON | 1.4 | 71 | OWEN | 1.0 |
| 25 | JACKSON | 1.4 | 71 | HENDRICKS | 1.0 |
| 37 | TIPTON | 1.3 | 71 | JEFFERSON | 1.0 |
| 37 | STEUBEN | 1.3 | 71 | KOSCIUSKO | 1.0 |
| 37 | WABASH | 1.3 | 80 | ADAMS | 0.9 |
| 37 | ELKHART | 1.3 | 80 | DAVISS | 0.9 |
| 37 | HOWARD | 1.3 | 82 | LAGRANGE | 0.7 |
| | | | | INDIANA | 1.4 |

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Very Low Birthweight*, White Indiana Residents, 1999-2008

(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 | SULLIVAN | 1.9 | 27 | MADISON | 1.3 |
| 2 | PERRY | 1.8 | 43 | NOBLE | 1.2 |
| 2 | PIKE | 1.8 | 43 | BARTHOLOMEW | 1.2 |
| 2 | PULASKI | 1.8 | 43 | POSEY | 1.2 |
| 5 | RUSH | 1.6 | 43 | CARROLL | 1.2 |
| 5 | MARTIN | 1.6 | 43 | ALLEN | 1.2 |
| 5 | PARKE | 1.6 | 43 | DELAWARE | 1.2 |
| 5 | JAY | 1.6 | 43 | HOWARD | 1.2 |
| 5 | VANDEBURGH | 1.6 | 43 | DEARBORN | 1.2 |
| 5 | CLAY | 1.6 | 43 | DECATUR | 1.2 |
| 5 | LAWRENCE | 1.6 | 43 | JASPER | 1.2 |
| 12 | FULTON | 1.5 | 43 | WHITE | 1.2 |
| 13 | RANDOLPH | 1.4 | 43 | GRANT | 1.2 |
| 13 | TIPPECANOE | 1.4 | 43 | HUNTINGTON | 1.2 |
| 13 | JENNINGS | 1.4 | 43 | ELKHART | 1.2 |
| 13 | WAYNE | 1.4 | 43 | FOUNTAIN | 1.2 |
| 13 | FAYETTE | 1.4 | 43 | MIAMI | 1.2 |
| 13 | CASS | 1.4 | 43 | HARRISON | 1.2 |
| 13 | CLARK | 1.4 | 60 | SPENCER | 1.1 |
| 13 | VIGO | 1.4 | 60 | GREENE | 1.1 |
| 13 | FLOYD | 1.4 | 60 | HAMILTON | 1.1 |
| 13 | MORGAN | 1.4 | 60 | MARSHALL | 1.1 |
| 13 | SCOTT | 1.4 | 60 | STARKE | 1.1 |
| 13 | KNOX | 1.4 | 60 | DUBOIS | 1.1 |
| 13 | SHELBY | 1.4 | 60 | WASHINGTON | 1.1 |
| 13 | CLINTON | 1.4 | 60 | MONTGOMERY | 1.1 |
| 27 | LAPORTE | 1.3 | 60 | JOHNSON | 1.1 |
| 27 | JACKSON | 1.3 | 60 | PORTER | 1.1 |
| 27 | TIPTON | 1.3 | 60 | BOONE | 1.1 |
| 27 | WARRICK | 1.3 | 60 | WHITLEY | 1.1 |
| 27 | LAKE | 1.3 | 60 | PUTNAM | 1.1 |
| 27 | WABASH | 1.3 | 73 | JEFFERSON | 1.0 |
| 27 | HENRY | 1.3 | 73 | RIPLEY | 1.0 |
| 27 | STEUBEN | 1.3 | 73 | HENDRICKS | 1.0 |
| 27 | ST. JOSEPH | 1.3 | 73 | DEKALB | 1.0 |
| 27 | WELLS | 1.3 | 73 | OWEN | 1.0 |
| 27 | GIBSON | 1.3 | 78 | KOSCIUSKO | 0.9 |
| 27 | MONROE | 1.3 | 78 | HANCOCK | 0.9 |
| 27 | FRANKLIN | 1.3 | 78 | ADAMS | 0.9 |
| 27 | ORANGE | 1.3 | 78 | DAVISS | 0.9 |
| 27 | MARION | 1.3 | 82 | LAGRANGE | 0.7 |
| | | | | INDIANA | 1.2 |

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Very Low Birthweight*, Black Indiana Residents, 1999-2008

(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 | 4.6 |
| 2 | DELAWARE | 3.7 |
| 3 | CLARK | 3.5 |
| 4 | ALLEN | 3.3 |
| 4 | ST. JOSEPH | 3.3 |
| 6 | ELKHART | 3.2 |
| 7 | GRANT | 3.1 |
| 7 | TIPPECANOE | 3.1 |
| 9 | VIGO | 3.0 |
| 9 | MARION | 3.0 |
| 9 | LAKE | 3.0 |
| 12 | MADISON | 2.7 |
| 13 | VANDEBURGH | 2.6 |
| 14 | HOWARD | 2.4 |
| | INDIANA | 3.1 |

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

Very Low Birthweight*, Non-Hispanic Indiana Residents, 1999-2008

(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 | STEUBEN | 2.3 | 37 | HENRY | 1.3 |
| 2 | LAKE | 2.0 | 37 | WHITE | 1.3 |
| 3 | SULLIVAN | 1.9 | 37 | CARROLL | 1.3 |
| 4 | MARION | 1.8 | 37 | HOWARD | 1.3 |
| 4 | PERRY | 1.8 | 37 | FRANKLIN | 1.3 |
| 4 | LAPORTE | 1.8 | 37 | NOBLE | 1.3 |
| 4 | PULASKI | 1.8 | 37 | WELLS | 1.3 |
| 4 | PIKE | 1.8 | 37 | MONROE | 1.3 |
| 9 | VANDERBURGH | 1.7 | 50 | DECATUR | 1.2 |
| 9 | ST. JOSEPH | 1.7 | 50 | JASPER | 1.2 |
| 9 | JAY | 1.7 | 50 | BARTHOLOMEW | 1.2 |
| 12 | MARTIN | 1.6 | 50 | HARRISON | 1.2 |
| 12 | PARKE | 1.6 | 50 | ORANGE | 1.2 |
| 12 | RUSH | 1.6 | 50 | POSEY | 1.2 |
| 12 | CLARK | 1.6 | 50 | SPENCER | 1.2 |
| 12 | RANDOLPH | 1.6 | 50 | FOUNTAIN | 1.2 |
| 17 | LAWRENCE | 1.5 | 50 | HUNTINGTON | 1.2 |
| 17 | CASS | 1.5 | 50 | STARKE | 1.2 |
| 17 | CLAY | 1.5 | 50 | MIAMI | 1.2 |
| 17 | WAYNE | 1.5 | 50 | DEARBORN | 1.2 |
| 17 | CLINTON | 1.5 | 50 | HAMILTON | 1.2 |
| 17 | ALLEN | 1.5 | 63 | GREENE | 1.1 |
| 17 | VIGO | 1.5 | 63 | MONTGOMERY | 1.1 |
| 17 | SHELBY | 1.5 | 63 | MARSHALL | 1.1 |
| 17 | DELAWARE | 1.5 | 63 | PORTER | 1.1 |
| 17 | FAYETTE | 1.5 | 63 | WASHINGTON | 1.1 |
| 27 | TIPPECANOE | 1.4 | 63 | BOONE | 1.1 |
| 27 | FULTON | 1.4 | 63 | JOHNSON | 1.1 |
| 27 | GRANT | 1.4 | 70 | PUTNAM | 1.0 |
| 27 | MADISON | 1.4 | 70 | RIPLEY | 1.0 |
| 27 | MORGAN | 1.4 | 70 | DUBOIS | 1.0 |
| 27 | WARRICK | 1.4 | 70 | JEFFERSON | 1.0 |
| 27 | FLOYD | 1.4 | 70 | WHITLEY | 1.0 |
| 27 | KNOX | 1.4 | 70 | HANCOCK | 1.0 |
| 27 | ELKHART | 1.4 | 70 | DEKALB | 1.0 |
| 27 | JENNINGS | 1.4 | 70 | HENDRICKS | 1.0 |
| 37 | WABASH | 1.3 | 70 | OWEN | 1.0 |
| 37 | SCOTT | 1.3 | 70 | KOSCIUSKO | 1.0 |
| 37 | JACKSON | 1.3 | 80 | ADAMS | 0.9 |
| 37 | TIPTON | 1.3 | 81 | DAVISS | 0.8 |
| 37 | GIBSON | 1.3 | 82 | LAGRANGE | 0.7 |
| | | | | 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, 2012

Very Low Birthweight*, Hispanic Indiana Residents, 1999-2008

(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 | TIPPECANOE | 1.7 |
| 2 | ALLEN | 1.6 |
| 3 | LAKE | 1.3 |
| 4 | ELKHART | 1.1 |
| 4 | ST. JOSEPH | 1.1 |
| 4 | MARION | 1.1 |
| | INDIANA | 1.2 |

*Birthweight less than 1,500 grams.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2012

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 may 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.).