

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

**State and Selected County Data
2002-2011**

(Published February 2014)

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

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Glossary of Terms

Preface

The *Indiana Maternal and Child Health Outcomes and Performance Measures Data Book, 2002-2011*, provides a summary of data relating to pregnancy, birth, and mortality in Indiana and selected counties for the years 2002-2011.

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.

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 that adopted the revised certificate, and it is considered to be the result of better reporting.

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

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

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

The preterm data in this report are not comparable with the preterm data in the 1997-2006 MCH Outcomes report and prior reports and in the 2011 Indiana Natality Report and prior reports. In those reports, we used the obstetrical estimate of gestation (clinical estimate of gestation) to calculate the preterm data.

On January 1, 2008, Indiana began using the 2003 US Standard Certificate of Death. Much of the data collected has stayed the same; however, categories for marital status, facility type, educational level, and pregnancy status for females have been expanded. Also, a question is now asked as to whether tobacco use contributed to the death. The major variable that was affected in this report was to pregnancy status for

females, which affected the maternal mortality data. **Data on maternal mortality for the years 2008 and later are not considered comparable to prior years due to the significant changes in wording on the death certificates.** The changes are detailed below:

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

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

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

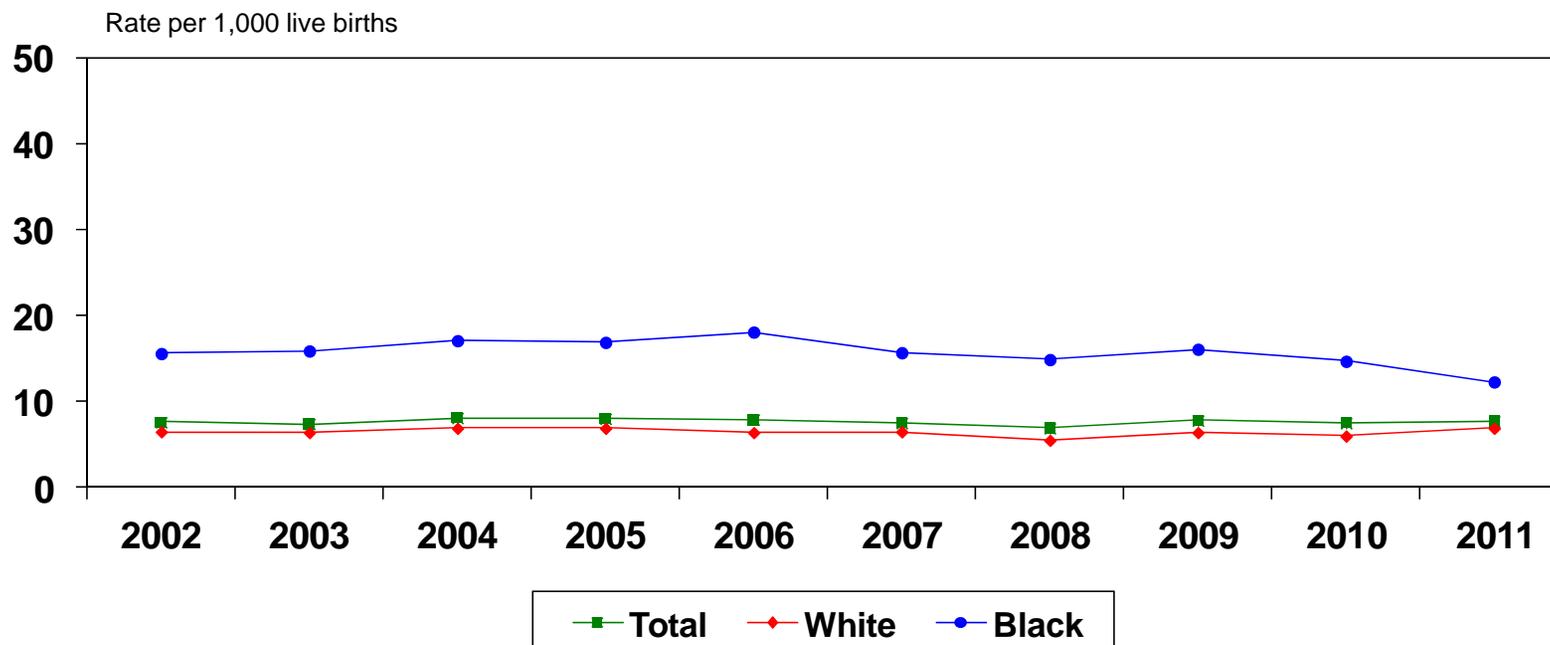
Race		
<u>1997 OMB standards (current)</u>	<u>1977 OMB standards (pre-2007)</u>	<u>This Report</u>
American Indian or Alaska Native	American Indian or Alaska Native	Included in Other
Asian	Asian or Pacific Islander	Included in Other
Black or African American	Black	Black
Native Hawaiian or Other Pacific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

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

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

Infant Mortality Rates by Race

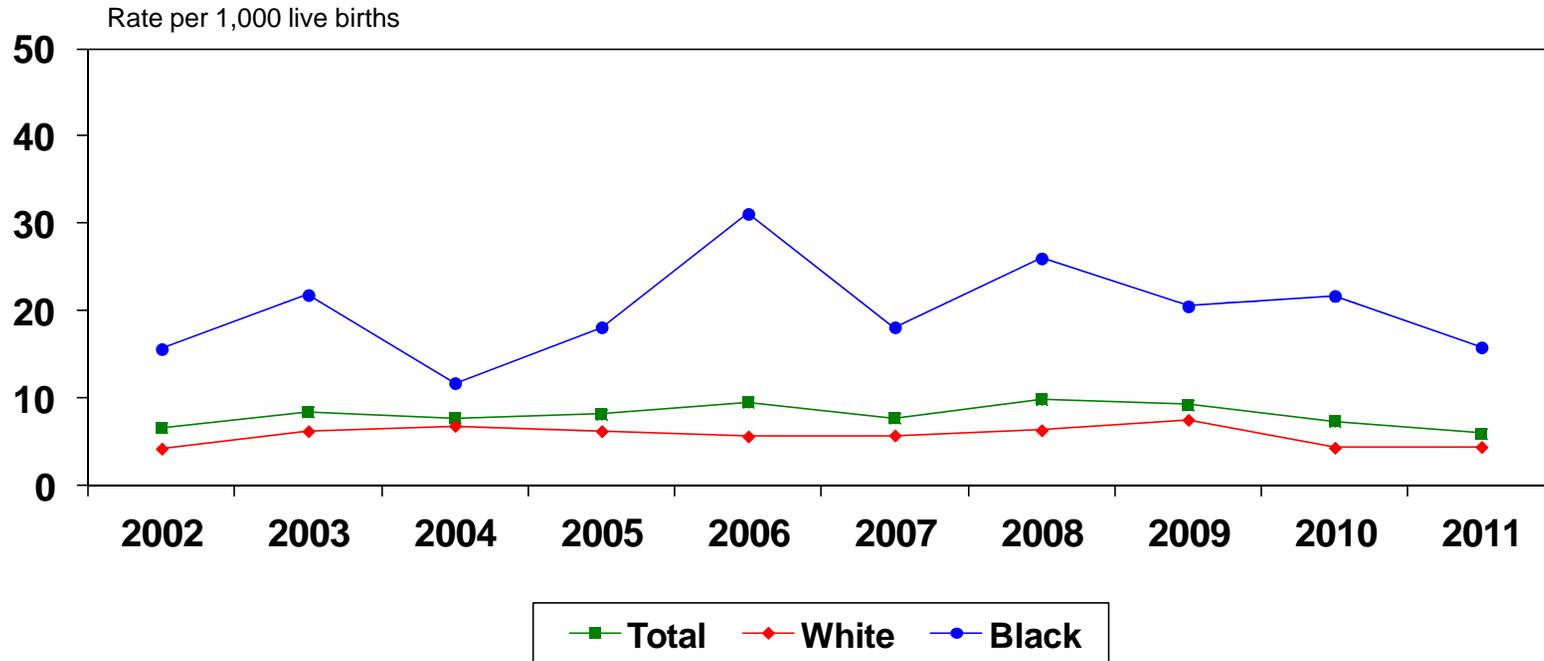
Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	7.6	7.4	8.1	8.0	7.9	7.5	6.9	7.8	7.5	7.7
White	6.5	6.4	6.9	6.9	6.4	6.5	5.5	6.4	6.0	6.9
Black	15.6	15.9	17.1	16.9	18.1	15.7	14.9	16.1	14.7	12.3

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Infant Mortality Rates by Race Allen County Residents, 2002-2011



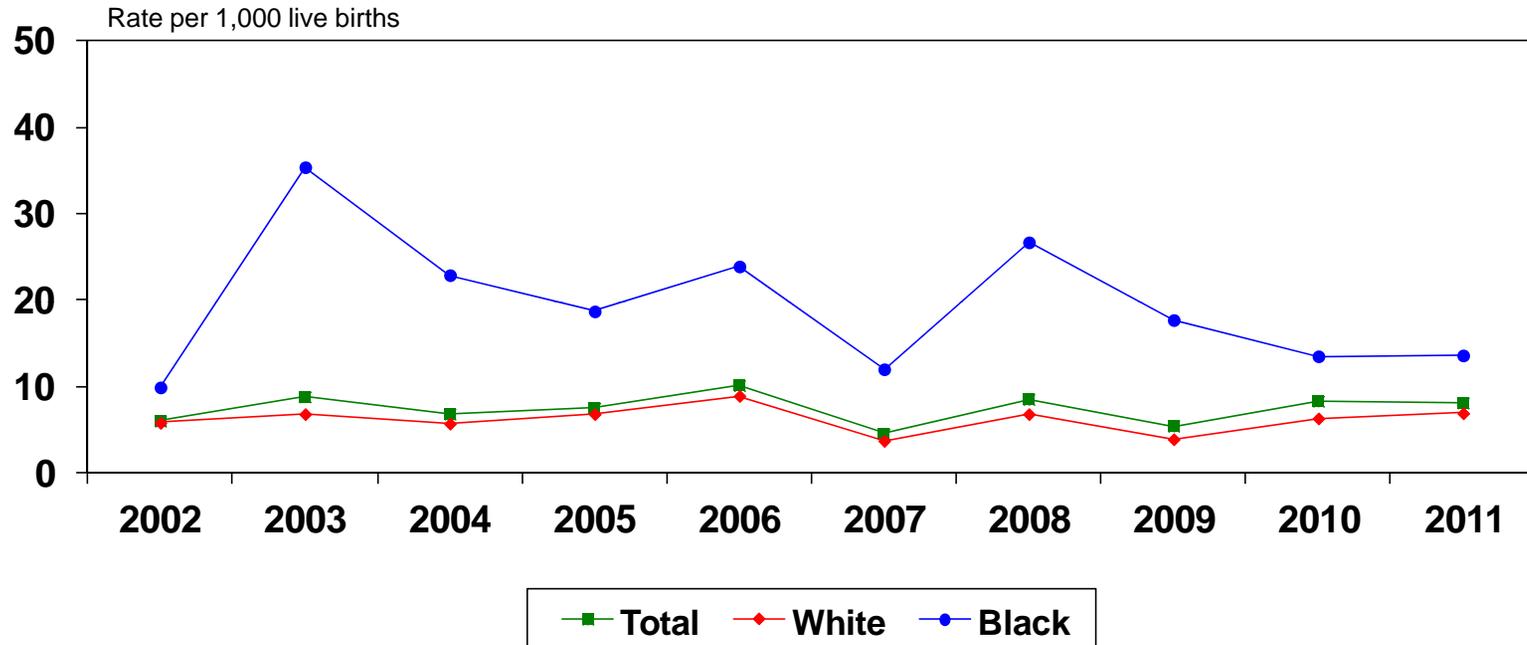
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	6.6	8.4	7.7	8.1	9.5	7.7	9.8	9.2	7.3	5.9
White	4.2*	6.2	6.8	6.2	5.6	5.7	6.3	7.5	4.3*	4.4*
Black	15.6*	21.8*	11.7*	18.1*	31.1	18.1*	26.0	20.5*	21.7*	15.8*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Infant Mortality Rates by Race

Elkhart County Residents, 2002-2011



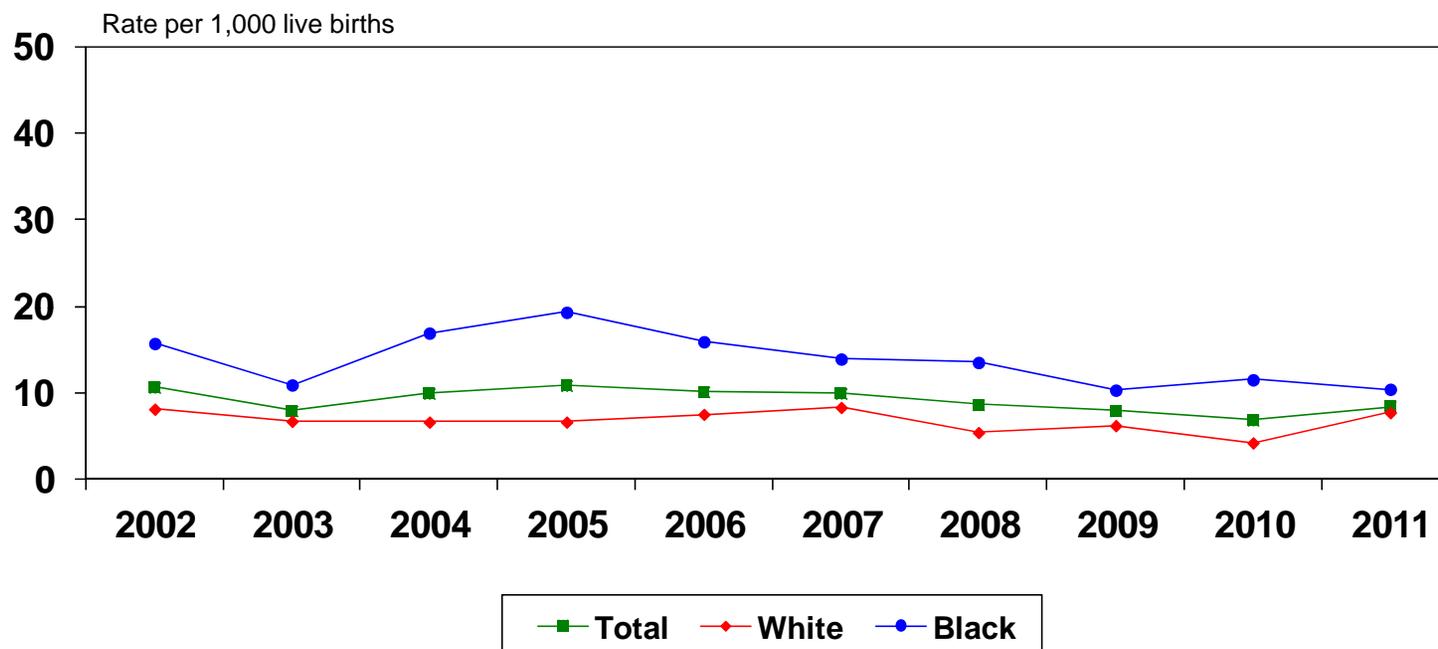
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	6.0*	8.8	6.8	7.5	10.1	4.5*	8.5	5.4*	8.3	8.1
White	5.8*	6.8	5.7*	6.8	8.9	3.7*	6.8	3.9*	6.3*	6.9*
Black	9.9*	35.4*	22.9*	18.7*	23.9*	12.0*	26.7*	17.7*	13.5*	13.6*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Infant Mortality Rates by Race

Lake County Residents, 2002-2011



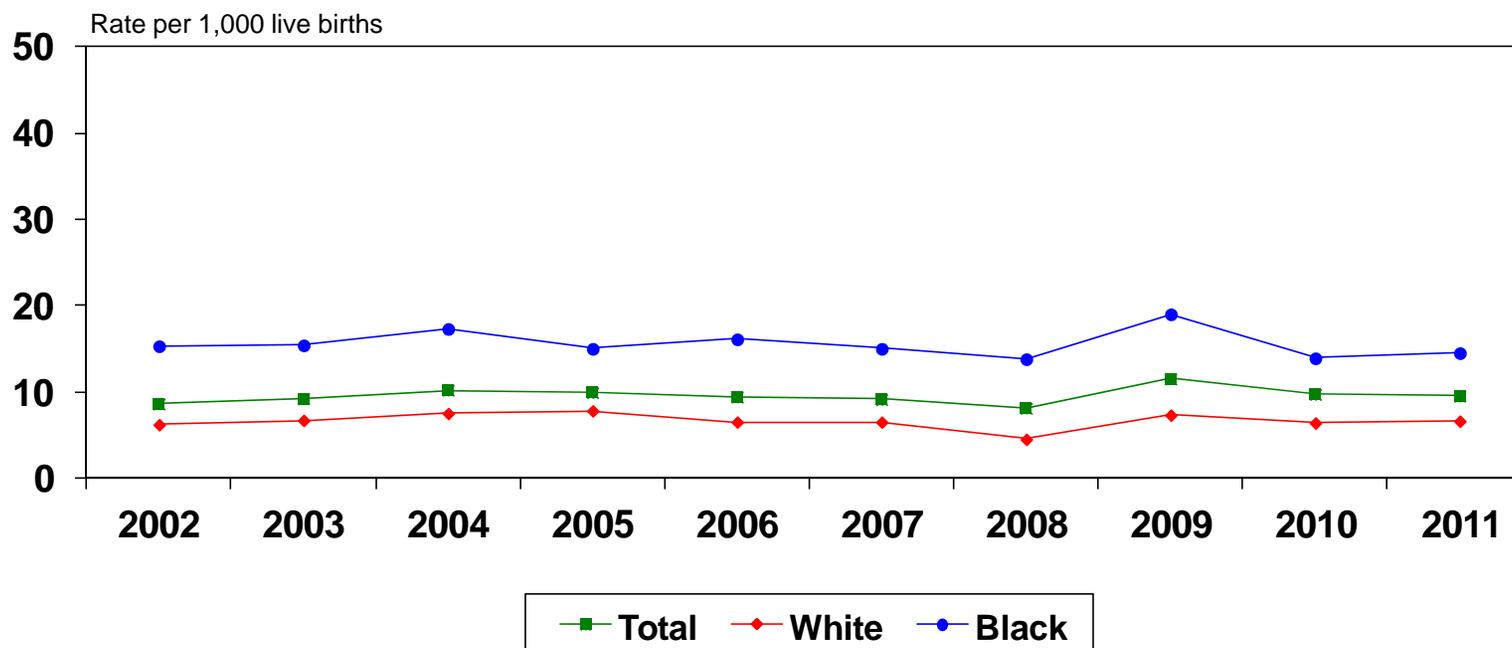
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	10.6	7.9	9.9	10.8	10.1	9.9	8.6	7.9	6.8	8.4
White	8.1	6.7	6.6	6.6	7.5	8.3	5.4	6.2	4.2*	7.7
Black	15.7	10.9	16.9	19.3	15.9	13.9	13.5	10.3	11.5	10.4

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Infant Mortality Rates by Race

Marion County Residents, 2002-2011

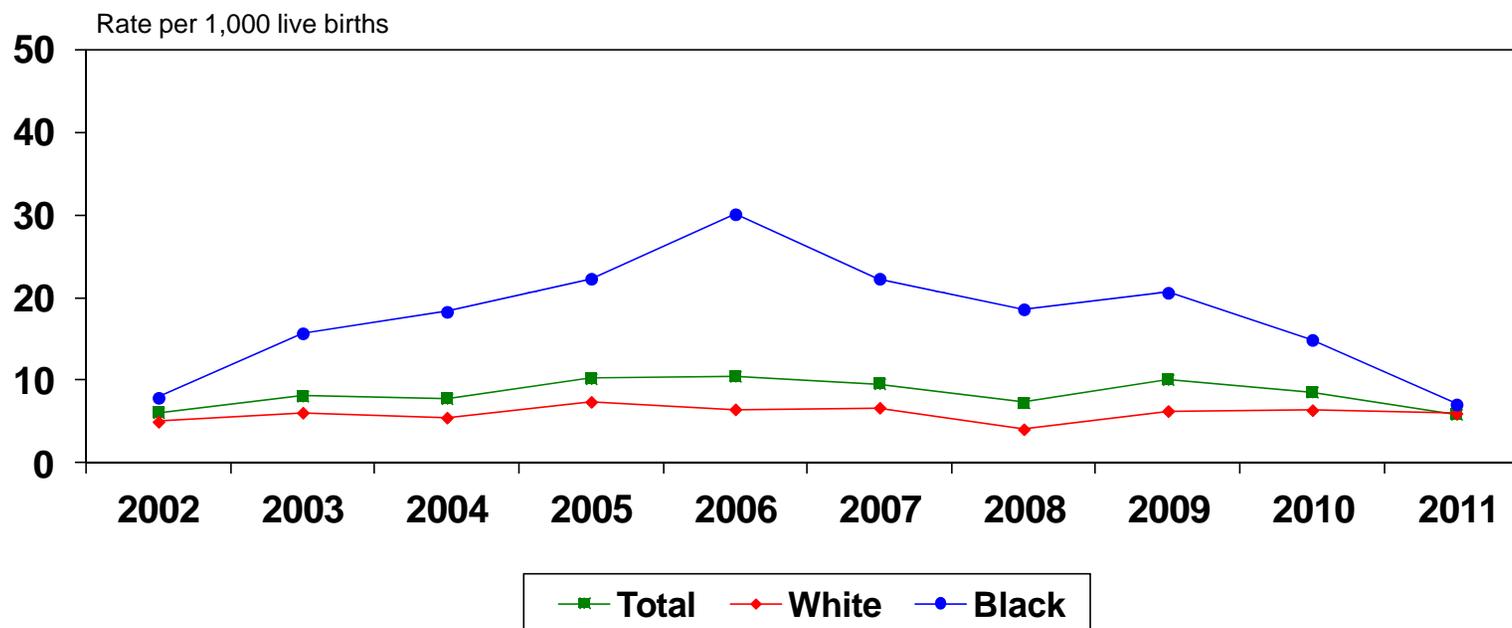


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	8.6	9.2	10.2	9.9	9.4	9.1	8.1	11.5	9.7	9.5
White	6.2	6.7	7.5	7.8	6.5	6.5	4.5	7.3	6.4	6.6
Black	15.3	15.4	17.3	15.0	16.1	15.0	13.8	19.0	13.9	14.5

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Infant Mortality Rates by Race

St. Joseph County Residents, 2002-2011



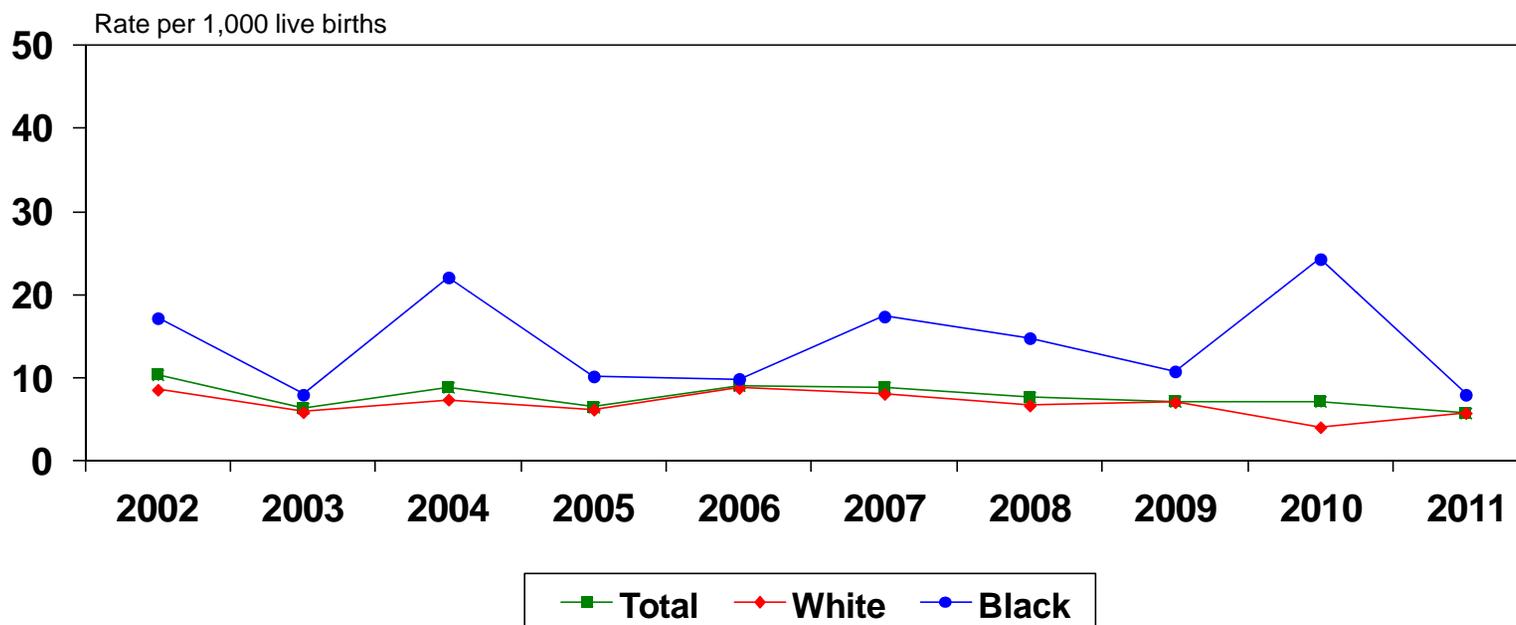
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	6.1	8.1	7.8	10.2	10.5	9.6	7.3	10.1	8.6	5.9
White	5.0*	6.1*	5.5*	7.4	6.5	6.7	4.1*	6.3*	6.4*	6.0*
Black	7.9*	15.7*	18.3*	22.3*	30.1	22.3*	18.6*	20.6*	14.9*	7.1*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Infant Mortality Rates by Race

Vanderburgh County Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	10.4	6.4*	8.9	6.5*	9.1	8.9	7.7*	7.2*	7.2*	5.8*
White	8.6*	5.9*	7.4*	6.2*	8.8*	8.1*	6.7*	7.1*	4.1*	5.8*
Black	17.2*	8.0*	22.1*	10.2*	9.9*	17.4*	14.8*	10.8*	24.3*	8.0*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

**Infant Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2002-2011**

	2002		2003		2004		2005		2006		2007		2008		2009		2010		2011	
	Number	Rate																		
INDIANA	649	7.6	641	7.4	702	8.1	699	8.0	702	7.9	677	7.5	616	6.9	675	7.8	630	7.5	643	7.7
White	479	6.5	479	6.4	522	6.9	519	6.9	495	6.4	499	6.5	409	5.5	458	6.4	420	6.0	479	6.9
Black	144	15.6	148	15.9	164	17.1	166	16.9	188	18.1	162	15.7	156	14.9	164	16.1	148	14.7	122	12.3
Ratio		2.4		2.5		2.5		2.4		2.8		2.4		2.7		2.5		2.5		1.8
ALL RACES	296	8.3	307	8.5	334	9.1	343	9.4	369	9.7	323	8.6	310	8.4	349	9.5	297	8.4	280	8.0
Allen	34	6.6	44	8.4	41	7.7	43	8.1	52	9.5	42	7.7	54	9.8	50	9.2	39	7.3	31	5.9
Elkhart	18	6.0	28	8.8	22	6.8	26	7.5	36	10.1	16	4.5	29	8.5	17	5.4	25	8.3	24	8.1
Lake	72	10.6	55	7.9	69	9.9	74	10.8	70	10.1	67	9.9	57	8.6	53	7.9	44	6.8	52	8.4
Marion	125	8.6	135	9.2	151	10.2	145	9.9	146	9.4	140	9.1	124	8.1	176	11.5	142	9.7	139	9.5
St. Joseph	23	6.1	30	8.1	30	7.8	39	10.2	42	10.5	36	9.6	28	7.3	36	10.1	30	8.6	21	5.9
Vanderburgh	24	10.4	15	6.4	21	8.9	16	6.5	23	9.1	22	8.9	18	7.7	17	7.2	17	7.2	13	5.8
WHITE	166	6.2	177	6.5	188	6.8	193	7.0	197	7.0	180	6.5	140	5.3	173	6.7	137	5.5	152	6.3
Allen	18	4.2	27	6.2	30	6.8	27	6.2	25	5.6	25	5.7	26	6.3	31	7.5	18	4.3	18	4.4
Elkhart	16	5.8	20	6.8	17	5.7	22	6.8	29	8.9	12	3.7	21	6.8	11	3.9	17	6.3	18	6.9
Lake	37	8.1	31	6.7	31	6.6	30	6.6	34	7.5	37	8.3	22	5.4	26	6.2	17	4.2	28	7.7
Marion	63	6.2	69	6.7	78	7.5	79	7.8	69	6.5	69	6.5	46	4.5	74	7.3	60	6.4	61	6.6
St. Joseph	15	5.0	18	6.1	17	5.5	22	7.4	21	6.5	20	6.7	12	4.1	17	6.3	17	6.4	16	6.0
Vanderburgh	17	8.6	12	5.9	15	7.4	13	6.2	19	8.8	17	8.1	13	6.7	14	7.1	8	4.1	11	5.8
BLACK	118	14.8	121	15.0	140	17.0	142	17.0	165	18.6	135	15.6	140	15.8	144	16.8	124	14.5	106	12.8
Allen	11	15.6	16	21.8	9	11.7	14	18.1	27	31.1	16	18.1	24	26.0	18	20.5	18	21.7	13	15.8
Elkhart	2	9.9	7	35.4	5	22.9	4	18.7	6	23.9	3	12.0	7	26.7	4	17.7	3	13.5	3	13.6
Lake	34	15.7	24	10.9	37	16.9	43	19.3	36	15.9	30	13.9	30	13.5	22	10.3	24	11.5	20	10.4
Marion	61	15.3	62	15.4	71	17.3	62	15.0	72	16.1	66	15.0	61	13.8	83	19.0	62	13.9	63	14.5
St. Joseph	5	7.9	10	15.7	12	18.3	16	22.3	21	30.1	15	22.3	14	18.6	14	20.6	10	14.9	5	7.1
Vanderburgh	5	17.2	2	8.0	6	22.1	3	10.2	3	9.9	5	17.4	4	14.8	3	10.8	7	24.3	2	8.0
RATIO																				
Allen		3.7		3.5		1.7		2.9		5.6		3.2		4.1		2.7		5.0		3.6
Elkhart		1.7		5.2		4.0		2.8		2.7		3.2		3.9		4.5		2.1		2.0
Lake		1.9		1.6		2.6		2.9		2.1		1.7		2.5		1.7		2.7		1.4
Marion		2.5		2.3		2.3		1.9		2.5		2.3		3.1		2.6		2.2		2.2
St. Joseph		1.6		2.6		3.3		3.0		4.6		3.3		4.5		3.3		2.3		1.2
Vanderburgh		2.0		1.4		3.0		1.6		1.1		2.1		2.2		1.5		5.9		1.4

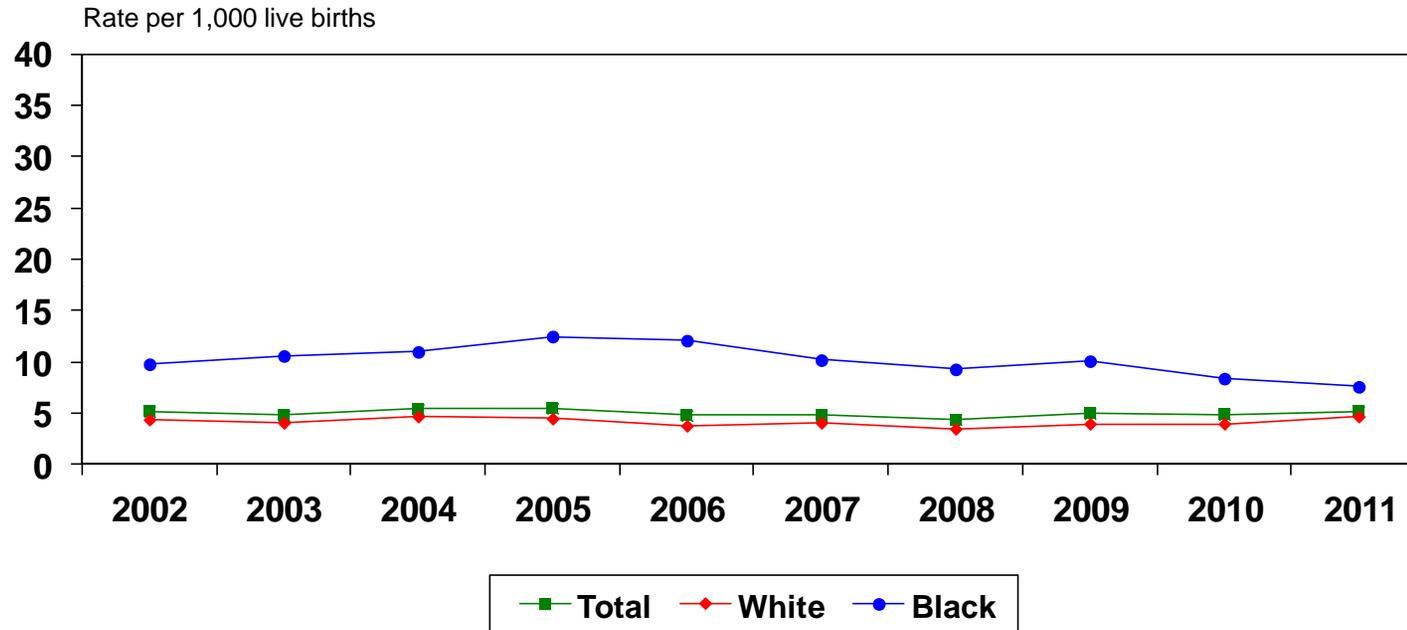
Rate per 1,000 live births.

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates by Race

Indiana Residents, 2002-2011

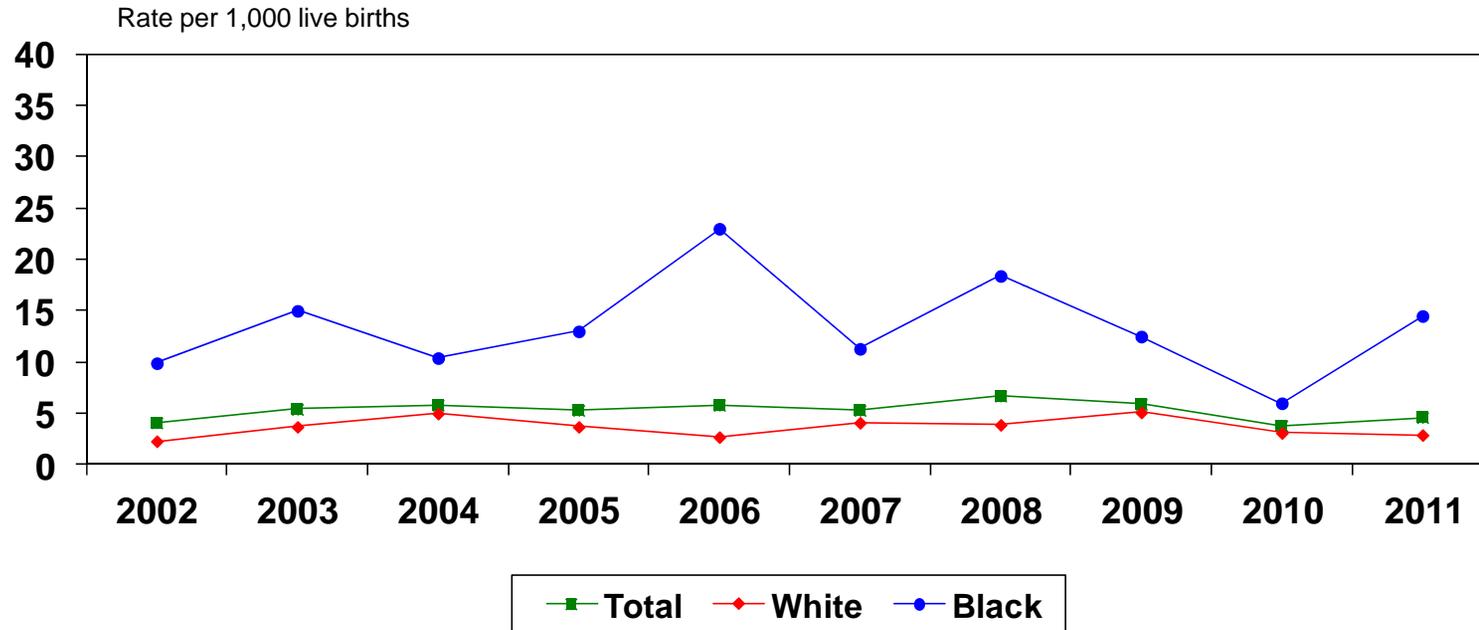


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	5.2	4.8	5.4	5.5	4.8	4.8	4.4	5.0	4.9	5.2
White	4.4	4.1	4.7	4.5	3.8	4.1	3.5	4.0	4.0	4.7
Black	9.8	10.6	11.0	12.5	12.1	10.2	9.3	10.1	8.4	7.6

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates by Race

Allen County Residents, 2002-2011

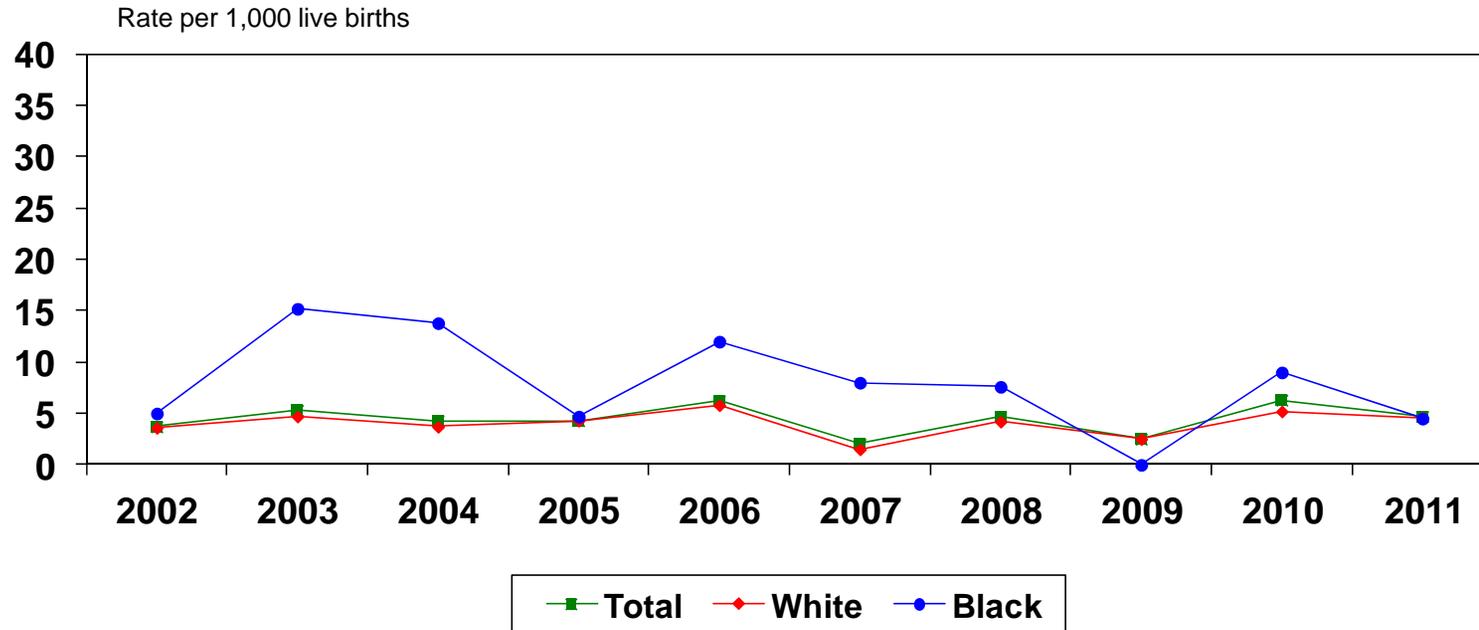


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	4.1	5.4	5.8	5.3	5.8	5.3	6.7	5.9	3.8	4.6
White	2.3*	3.7*	5.0	3.7*	2.7*	4.1*	3.9*	5.1	3.1*	2.9*
Black	9.9*	15.0*	10.4*	13.0*	23.0	11.3*	18.4*	12.5*	6.0*	14.5*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates by Race Elkhart County Residents, 2002-2011



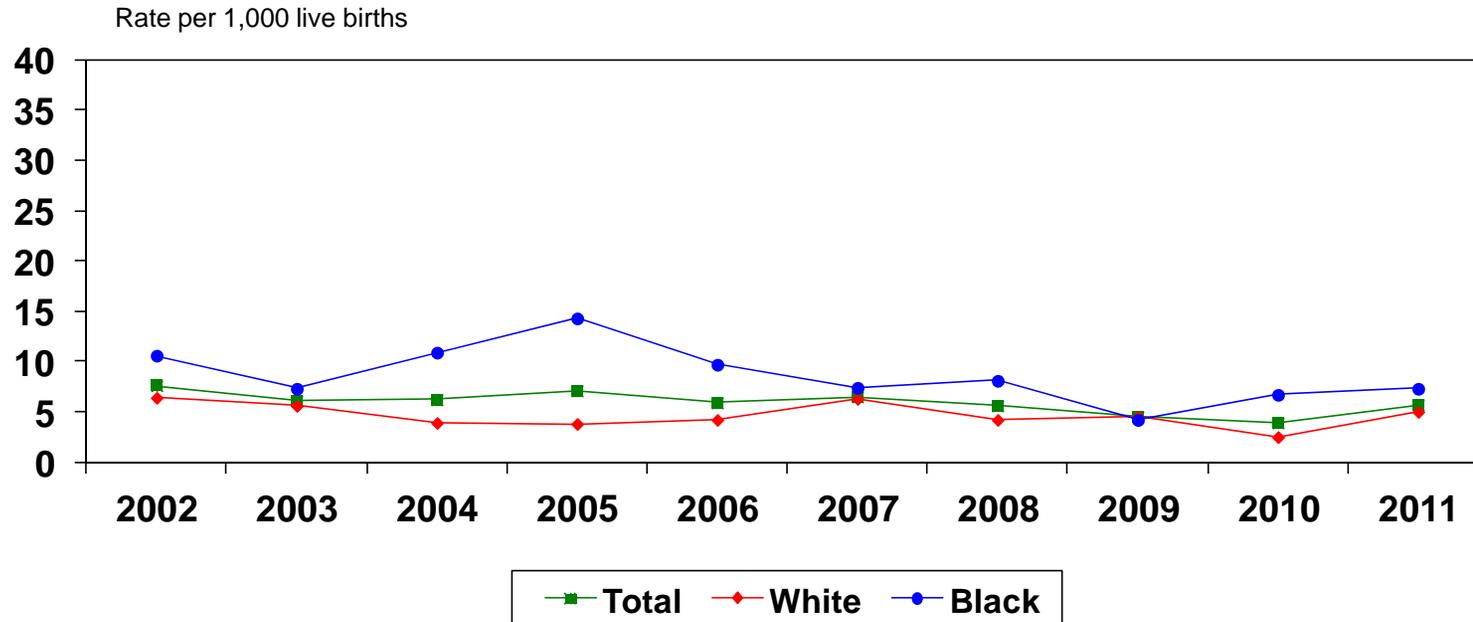
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	3.7*	5.3*	4.3*	4.3*	6.2	2.0*	4.7*	2.5*	6.3*	4.7*
White	3.6*	4.7*	3.7*	4.3*	5.8*	1.5*	4.2*	2.5*	5.2*	4.6*
Black	5.0*	15.2*	13.8*	4.7*	12.0*	8.0*	7.6*	0.0*	9.0*	4.5*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates by Race

Lake County Residents, 2002-2011

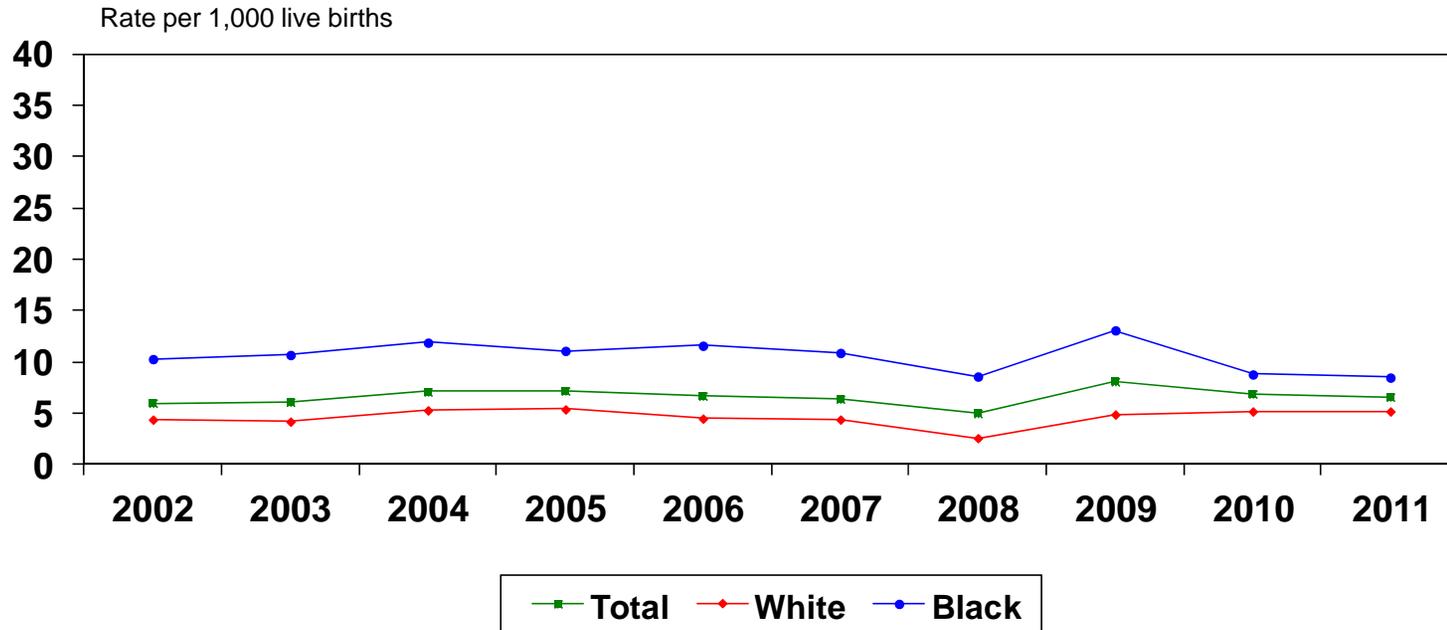


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	7.6	6.1	6.2	7.1	5.9	6.5	5.6	4.5	3.9	5.7
White	6.4	5.6	3.9*	3.8*	4.2*	6.3	4.2*	4.5*	2.5*	5.0*
Black	10.6	7.3*	10.9	14.3	9.7	7.4*	8.1*	4.2*	6.7*	7.3*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates by Race Marion County Residents, 2002-2011

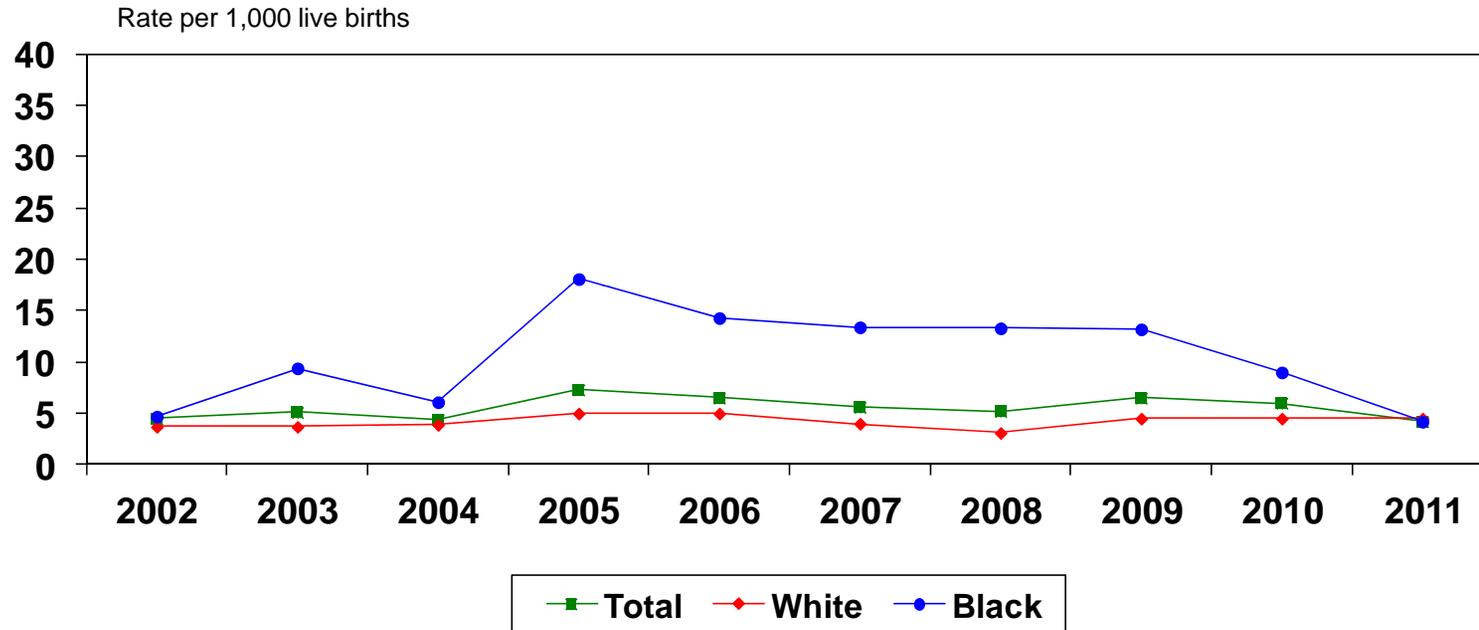


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	6.0	6.1	7.1	7.2	6.7	6.4	5.0	8.1	6.9	6.6
White	4.4	4.2	5.3	5.4	4.5	4.4	2.6	4.9	5.2	5.2
Black	10.3	10.7	11.9	11.1	11.6	10.9	8.6	13.1	8.8	8.5

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates by Race

St. Joseph County Residents, 2002-2011



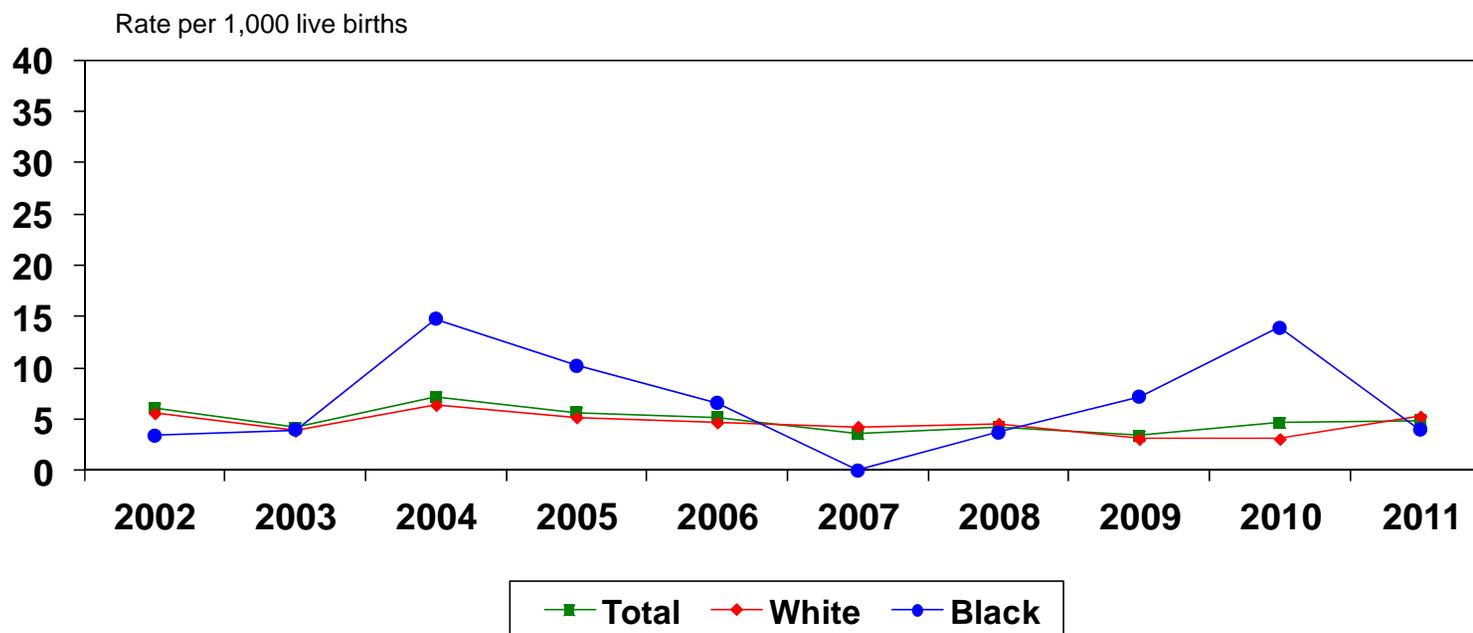
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	4.5*	5.1*	4.4*	7.3	6.5	5.6	5.2	6.5	6.0	4.2*
White	3.7*	3.7*	3.9*	5.0*	5.0*	4.0*	3.1*	4.5*	4.5*	4.5*
Black	4.7*	9.4*	6.1*	18.1*	14.3*	13.4*	13.3*	13.2*	9.0*	4.2*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates by Race

Vanderburgh County Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	6.1*	4.2*	7.2*	5.7*	5.2*	3.6*	4.3*	3.4*	4.7*	4.9*
White	5.6*	3.9*	6.4*	5.2*	4.7*	4.3*	4.6*	3.1*	3.1*	5.3*
Black	3.4*	4.0*	14.8*	10.2*	6.6*	0.0*	3.7*	7.2*	13.9*	4.0*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

**Neonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2002-2011**

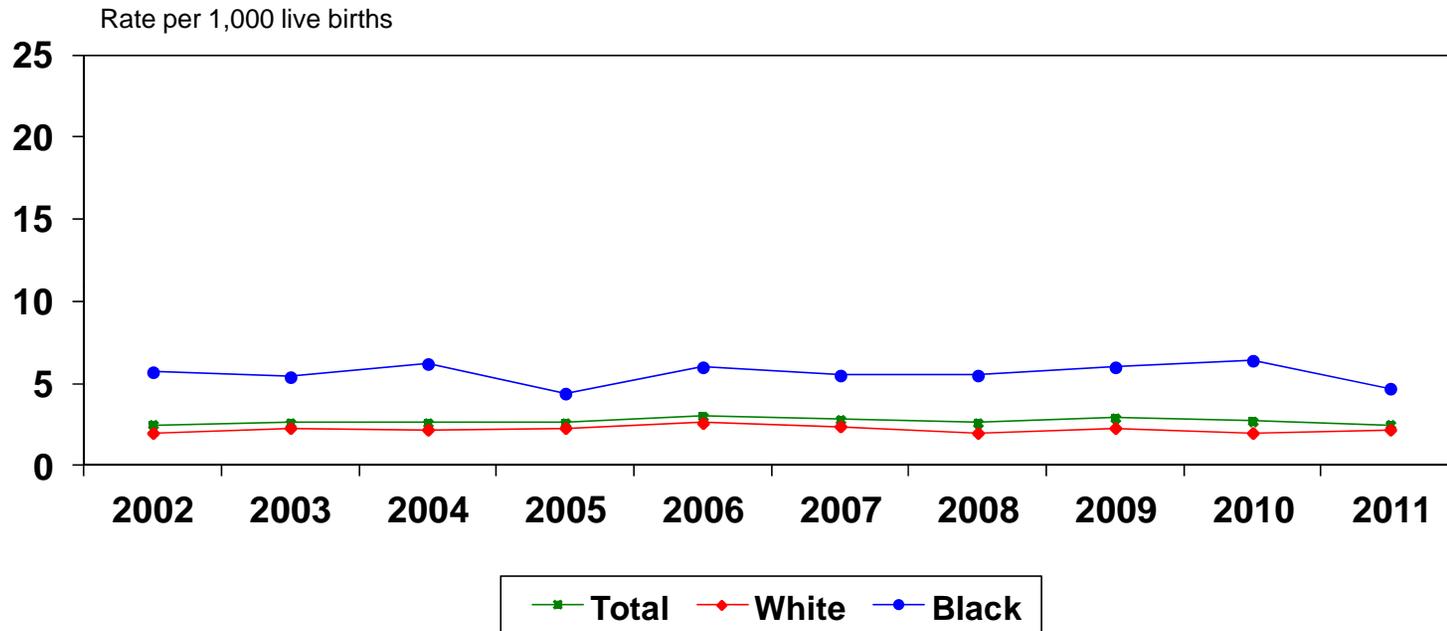
	2002		2003		2004		2005		2006		2007		2008		2009		2010		2011	
	Number	Rate																		
INDIANA	441	5.2	417	4.8	472	5.4	475	5.5	433	4.8	428	4.8	387	4.4	428	5.0	407	4.9	435	5.2
White	329	4.4	309	4.1	354	4.7	343	4.5	296	3.8	313	4.1	258	3.5	290	4.0	282	4.0	327	4.7
Black	91	9.8	98	10.6	105	11.0	123	12.5	126	12.1	105	10.2	98	9.3	103	10.1	84	8.4	75	7.6
Ratio		2.2		2.6		2.3		2.8		3.2		2.5		2.7		2.5		2.1		1.6
ALL RACES	202	5.7	205	5.7	228	6.2	239	6.5	238	6.3	208	5.6	196	5.3	225	6.1	196	5.6	195	5.6
Allen	21	4.1	28	5.4	31	5.8	28	5.3	32	5.8	29	5.3	37	6.7	32	5.9	20	3.8	24	4.6
Elkhart	11	3.7	17	5.3	14	4.3	15	4.3	22	6.2	7	2.0	16	4.7	8	2.5	19	6.3	14	4.7
Lake	52	7.6	42	6.1	43	6.2	49	7.1	41	5.9	44	6.5	37	5.6	30	4.5	25	3.9	35	5.7
Marion	87	6.0	89	6.1	106	7.1	105	7.2	104	6.7	98	6.4	76	5.0	124	8.1	100	6.9	96	6.6
St. Joseph	17	4.5	19	5.1	17	4.4	28	7.3	26	6.5	21	5.6	20	5.2	23	6.5	21	6.0	15	4.2
Vanderburgh	14	6.1	10	4.2	17	7.2	14	5.7	13	5.2	9	3.6	10	4.3	8	3.4	11	4.7	11	4.9
WHITE	116	4.3	118	4.3	131	4.8	128	4.7	124	4.4	118	4.3	90	3.4	115	4.4	103	4.2	112	4.6
Allen	10	2.3	16	3.7	22	5.0	16	3.7	12	2.7	18	4.1	16	3.9	21	5.1	13	3.1	12	2.9
Elkhart	10	3.6	14	4.7	11	3.7	14	4.3	19	5.8	5	1.5	13	4.2	7	2.5	14	5.2	12	4.6
Lake	29	6.4	26	5.6	18	3.9	17	3.8	19	4.2	28	6.3	17	4.2	19	4.5	10	2.5	18	5.0
Marion	45	4.4	43	4.2	55	5.3	55	5.4	48	4.5	46	4.4	26	2.6	50	4.9	48	5.2	48	5.2
St. Joseph	11	3.7	11	3.7	12	3.9	15	5.0	16	5.0	12	4.0	9	3.1	12	4.5	12	4.5	12	4.5
Vanderburgh	11	5.6	8	3.9	13	6.4	11	5.2	10	4.7	9	4.3	9	4.6	6	3.1	6	3.1	10	5.3
BLACK	76	9.5	80	9.9	92	11.2	105	12.6	109	12.3	85	9.8	86	9.7	88	10.3	70	8.2	68	8.2
Allen	7	9.9	11	15.0	8	10.4	10	13.0	20	23.0	10	11.3	17	18.4	11	12.5	5	6.0	12	14.5
Elkhart	1	5.0	3	15.2	3	13.8	1	4.7	3	12.0	2	8.0	2	7.6	0	0.0	2	9.0	1	4.5
Lake	23	10.6	16	7.3	24	10.9	32	14.3	22	9.7	16	7.4	18	8.1	9	4.2	14	6.7	14	7.3
Marion	41	10.3	43	10.7	49	11.9	46	11.1	52	11.6	48	10.9	38	8.6	57	13.1	39	8.8	37	8.5
St. Joseph	3	4.7	6	9.4	4	6.1	13	18.1	10	14.3	9	13.4	10	13.3	9	13.2	6	9.0	3	4.2
Vanderburgh	1	3.4	1	4.0	4	14.8	3	10.2	2	6.6	0	0.0	1	3.7	2	7.2	4	13.9	1	4.0
RATIO																				
Allen		4.3		4.1		2.1		3.5		8.5		2.8		4.7		2.5		1.9		5.0
Elkhart		1.4		3.2		3.7		1.1		2.1		5.3		1.8		0.0		1.7		1.0
Lake		1.7		1.3		2.8		3.8		2.3		1.2		1.9		0.9		2.7		1.5
Marion		2.3		2.5		2.2		2.1		2.6		2.5		3.3		2.7		1.7		1.6
St. Joseph		1.3		2.5		1.6		3.6		2.9		3.4		4.3		2.9		2.0		0.9
Vanderburgh		0.6		1.0		2.3		2.0		1.4		0.0		0.8		2.3		4.5		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.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

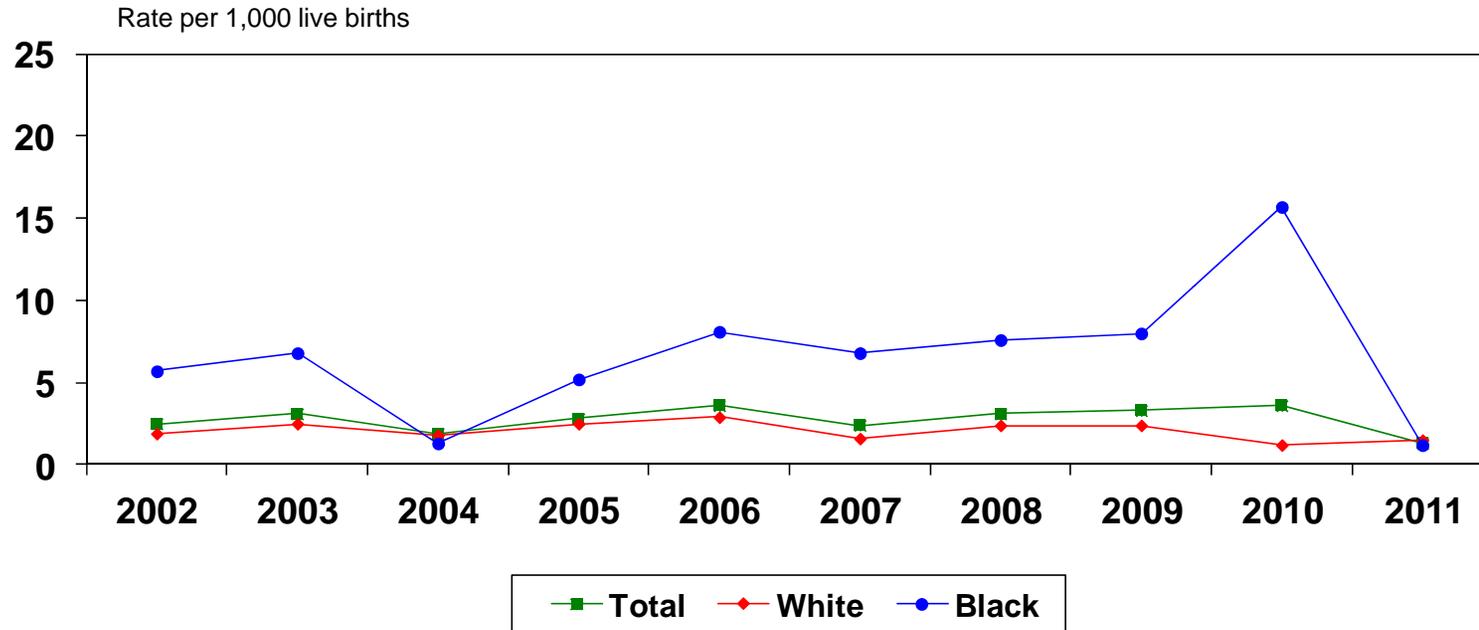
Postneonatal Mortality Rates by Race Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	2.5	2.6	2.6	2.6	3.0	2.8	2.6	2.9	2.7	2.5
White	2.0	2.3	2.2	2.3	2.6	2.4	2.0	2.3	2.0	2.2
Black	5.7	5.4	6.2	4.4	6.0	5.5	5.5	6.0	6.4	4.7

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Postneonatal Mortality Rates by Race Allen County Residents, 2002-2011

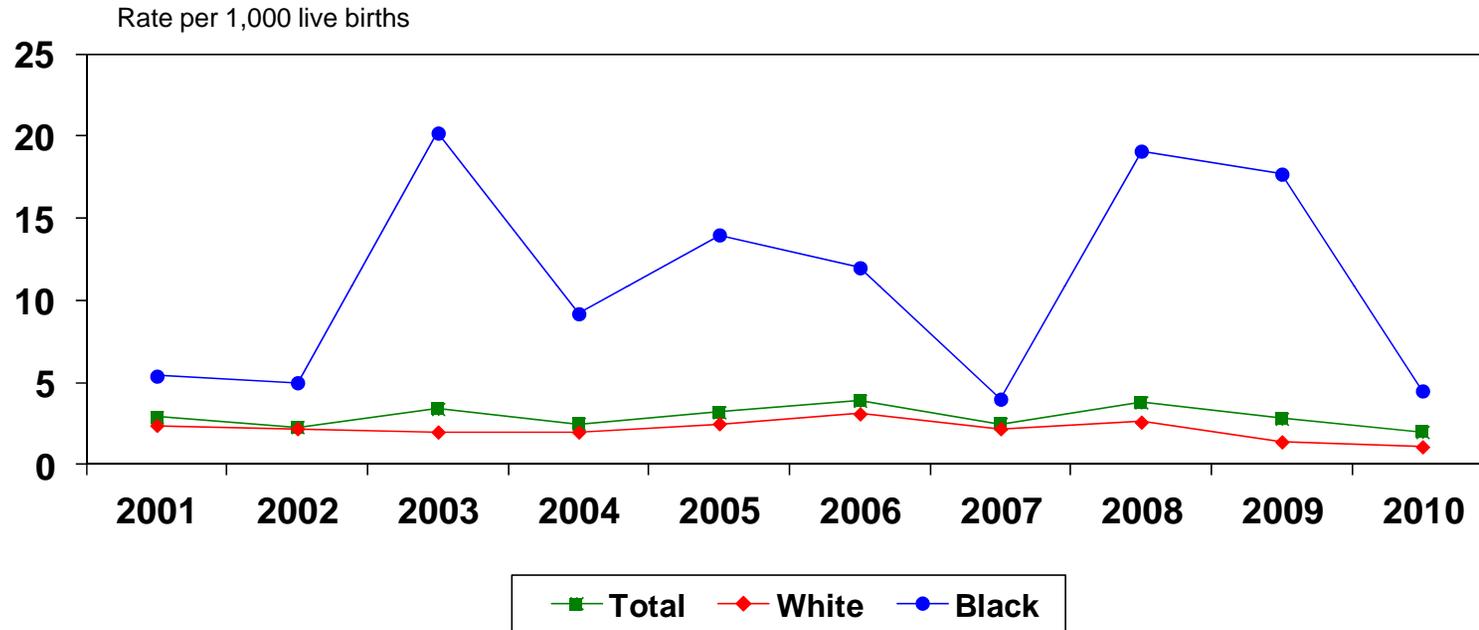


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	2.5*	3.1*	1.9*	2.8*	3.6	2.4*	3.1*	3.3*	3.6*	1.3*
White	1.8*	2.5*	1.8*	2.5*	2.9*	1.6*	2.4*	2.4*	1.2*	1.5*
Black	5.7*	6.8*	1.3*	5.2*	8.1*	6.8*	7.6*	8.0*	15.7*	1.2*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Postneonatal Mortality Rates by Race Elkhart County Residents, 2002-2011

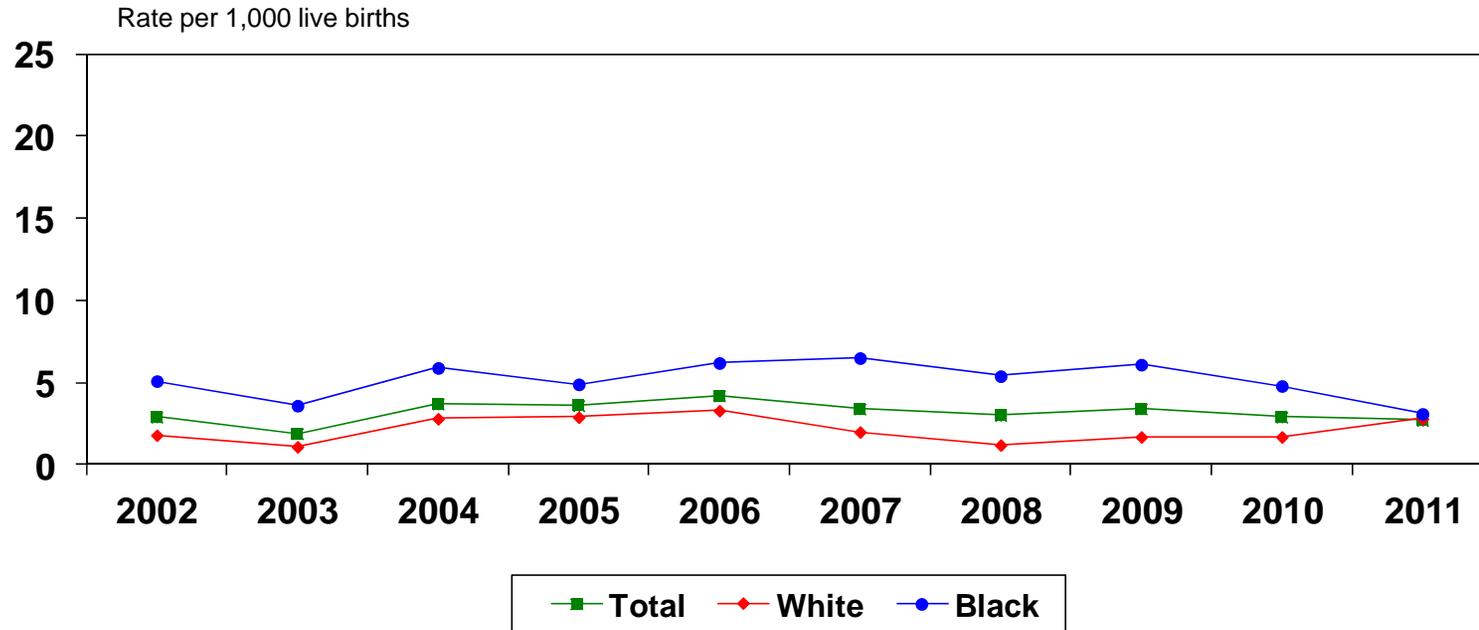


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	2.3*	3.4*	2.5*	3.2*	3.9*	2.5*	3.8*	2.8*	2.0*	3.4*
White	2.2*	2.0*	2.0*	2.5*	3.1*	2.2*	2.6*	1.4*	1.1*	2.3*
Black	5.0*	20.2*	9.2*	14.0*	12.0*	4.0*	19.1*	17.7*	4.5*	9.1*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Postneonatal Mortality Rates by Race Lake County Residents, 2002-2011



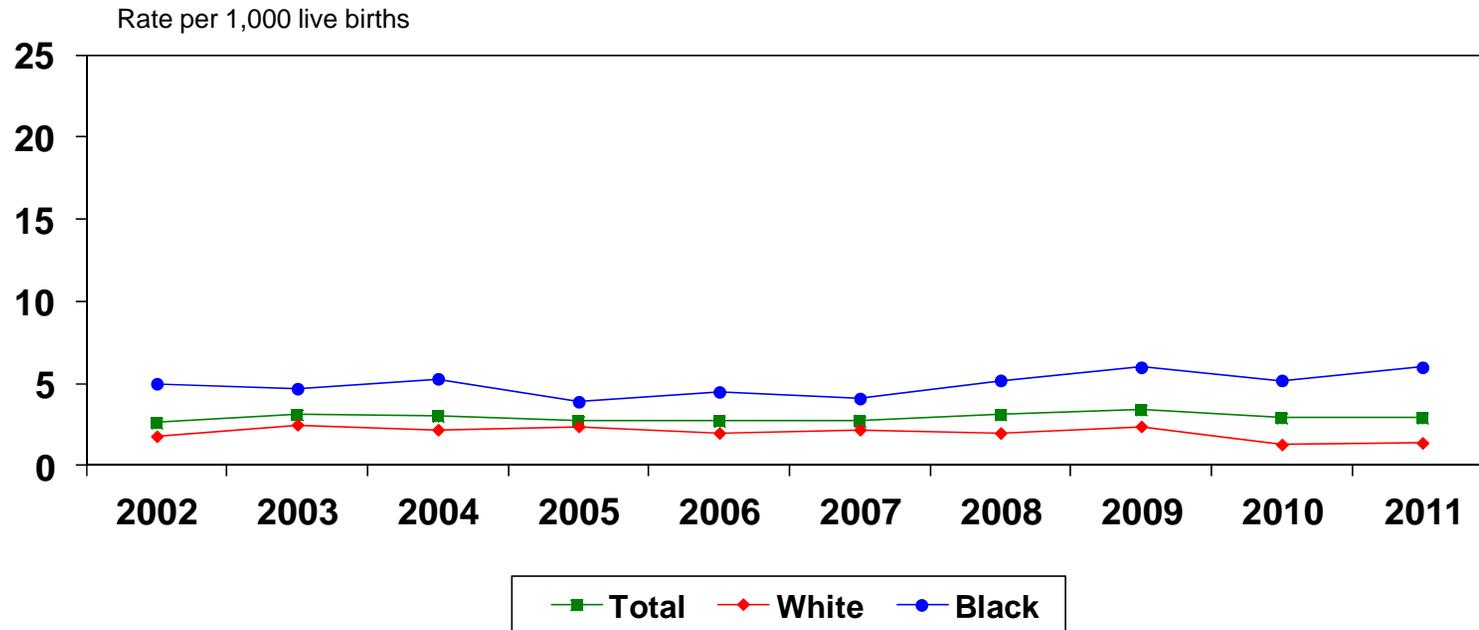
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	2.9	1.9*	3.7	3.6	4.2	3.4	3.0	3.4	2.9*	2.7*
White	1.8*	1.1*	2.8*	2.9*	3.3*	2.0*	1.2*	1.7*	1.7*	2.8*
Black	5.1*	3.6*	5.9*	4.9*	6.2*	6.5*	5.4*	6.1*	4.8*	3.1*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Postneonatal Mortality Rates by Race

Marion County Residents, 2002-2011

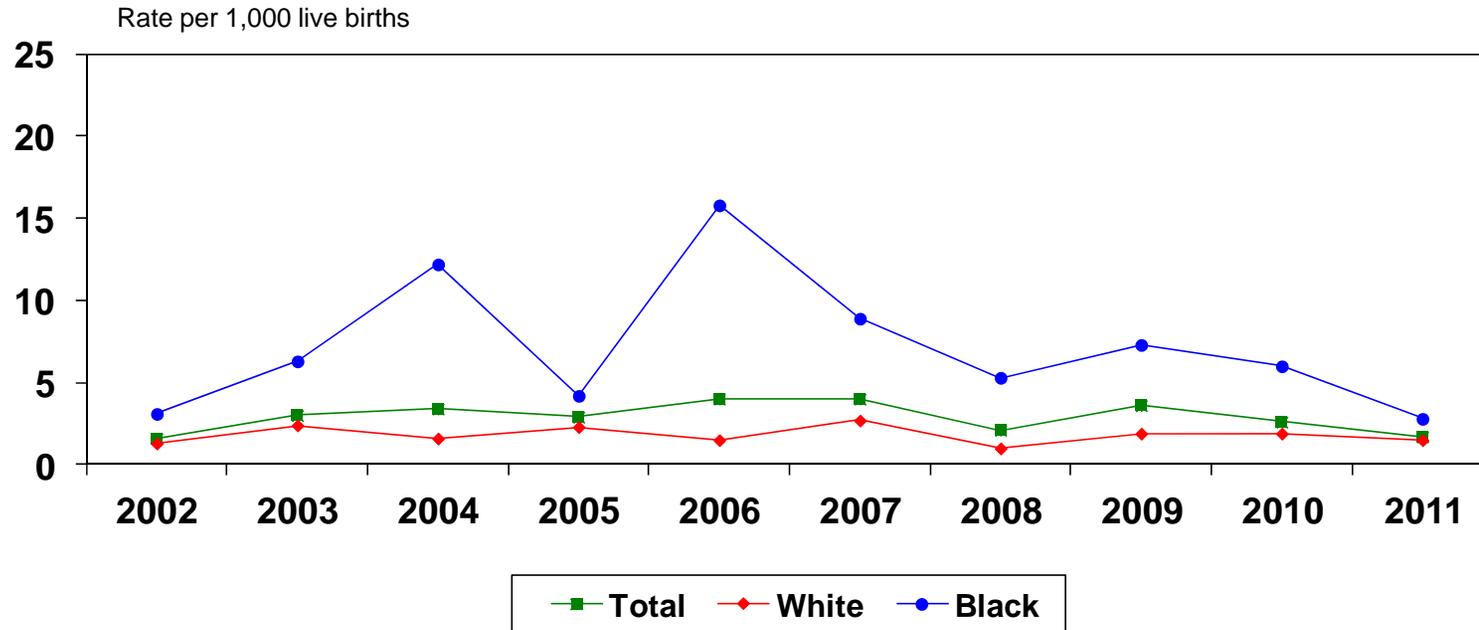


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	2.6	3.1	3.0	2.7	2.7	2.7	3.1	3.4	2.9	2.9
White	1.8*	2.5	2.2	2.4	2.0	2.2	2.0	2.4	1.3*	1.4*
Black	5.0	4.7*	5.3	3.9*	4.5	4.1*	5.2	6.0	5.2	6.0

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Postneonatal Mortality Rates by Race St. Joseph County Residents, 2002-2011

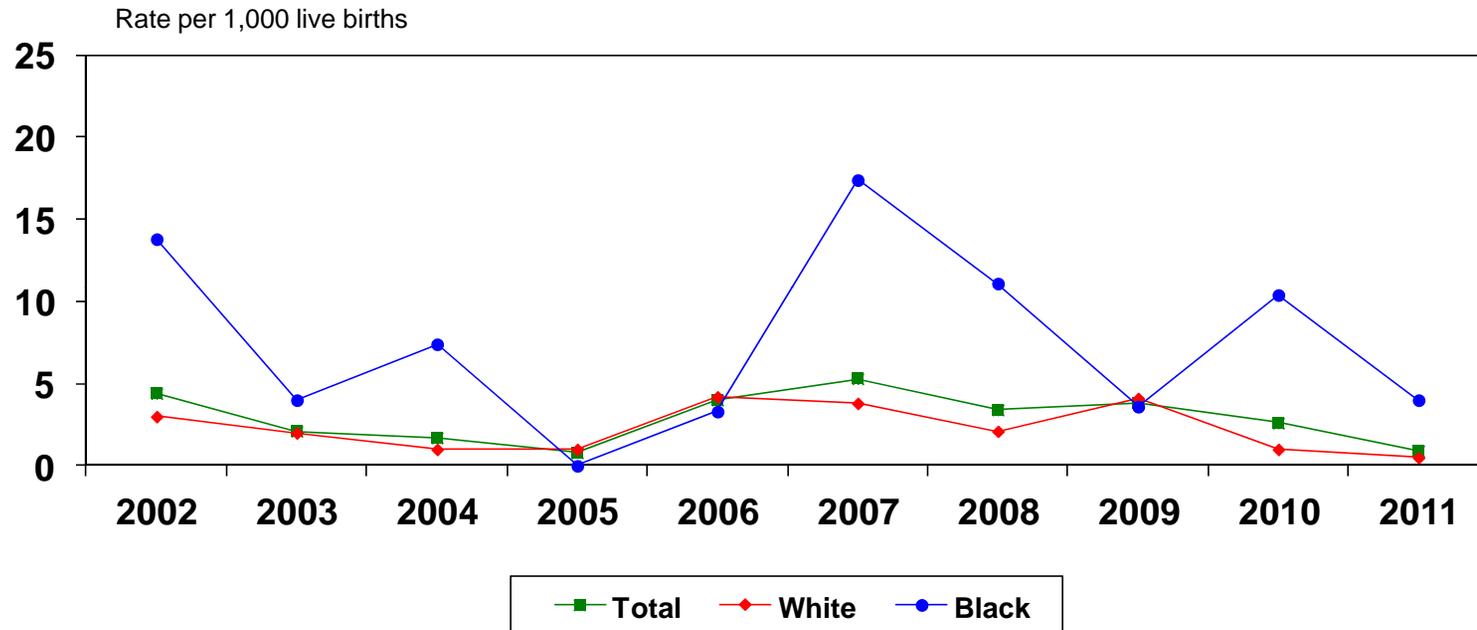


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	1.6*	3.0*	3.4*	2.9*	4.0*	4.0*	2.1*	3.6*	2.6*	1.7*
White	1.3*	2.4*	1.6*	2.3*	1.5*	2.7*	1.0*	1.9*	1.9*	1.5*
Black	3.1*	6.3*	12.2*	4.2*	15.8*	8.9*	5.3*	7.3*	6.0*	2.8*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Postneonatal Mortality Rates by Race Vanderburgh County Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	4.4*	2.1*	1.7*	0.8*	4.0*	5.3*	3.4*	3.8*	2.6*	0.9*
White	3.0*	2.0*	1.0*	1.0*	4.2*	3.8*	2.1*	4.1*	1.0*	0.5*
Black	13.7*	4.0*	7.4*	0.0*	3.3*	17.4*	11.1*	3.6*	10.4*	4.0*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

**Postneonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2002-2011**

	2002		2003		2004		2005		2006		2007		2008		2009		2010		2011	
	Number	Rate																		
INDIANA	208	2.5	224	2.6	230	2.6	224	2.6	269	3.0	249	2.8	229	2.6	247	2.9	223	2.7	208	2.5
White	150	2.0	170	2.3	168	2.2	176	2.3	199	2.6	186	2.4	151	2.0	168	2.3	138	2.0	152	2.2
Black	53	5.7	50	5.4	59	6.2	43	4.4	62	6.0	57	5.5	58	5.5	61	6.0	64	6.4	47	4.7
Ratio		2.9		2.3		2.8		1.9		2.3		2.3		2.8		2.6		3.2		2.1
ALL RACES	94	2.6	102	2.8	106	2.9	104	2.8	131	3.4	115	3.1	114	3.1	124	3.4	101	2.9	85	2.4
Allen	13	2.5	16	3.1	10	1.9	15	2.8	20	3.6	13	2.4	17	3.1	18	3.3	19	3.6	7	1.3
Elkhart	7	2.3	11	3.4	8	2.5	11	3.2	14	3.9	9	2.5	13	3.8	9	2.8	6	2.0	10	3.4
Lake	20	2.9	13	1.9	26	3.7	25	3.6	29	4.2	23	3.4	20	3.0	23	3.4	19	2.9	17	2.7
Marion	38	2.6	46	3.1	45	3.0	40	2.7	42	2.7	42	2.7	48	3.1	52	3.4	42	2.9	43	2.9
St. Joseph	6	1.6	11	3.0	13	3.4	11	2.9	16	4.0	15	4.0	8	2.1	13	3.6	9	2.6	6	1.7
Vanderburgh	10	4.4	5	2.1	4	1.7	2	0.8	10	4.0	13	5.3	8	3.4	9	3.8	6	2.6	2	0.9
WHITE	50	1.9	59	2.2	57	2.1	65	2.4	73	2.6	62	2.2	50	1.9	58	2.2	34	1.4	40	1.7
Allen	8	1.8	11	2.5	8	1.8	11	2.5	13	2.9	7	1.6	10	2.4	10	2.4	5	1.2	6	1.5
Elkhart	6	2.2	6	2.0	6	2.0	8	2.5	10	3.1	7	2.2	8	2.6	4	1.4	3	1.1	6	2.3
Lake	8	1.8	5	1.1	13	2.8	13	2.9	15	3.3	9	2.0	5	1.2	7	1.7	7	1.7	10	2.8
Marion	18	1.8	26	2.5	23	2.2	24	2.4	21	2.0	23	2.2	20	2.0	24	2.4	12	1.3	13	1.4
St. Joseph	4	1.3	7	2.4	5	1.6	7	2.3	5	1.5	8	2.7	3	1.0	5	1.9	5	1.9	4	1.5
Vanderburgh	6	3.0	4	2.0	2	1.0	2	1.0	9	4.2	8	3.8	4	2.1	8	4.1	2	1.0	1	0.5
BLACK	42	5.3	41	5.1	48	5.8	37	4.4	56	6.3	50	5.8	54	6.1	56	6.5	54	6.3	38	4.6
Allen	4	5.7	5	6.8	1	1.3	4	5.2	7	8.1	6	6.8	7	7.6	7	8.0	13	15.7	1	1.2
Elkhart	1	5.0	4	20.2	2	9.2	3	14.0	3	12.0	1	4.0	5	19.1	4	17.7	1	4.5	2	9.1
Lake	11	5.1	8	3.6	13	5.9	11	4.9	14	6.2	14	6.5	12	5.4	13	6.1	10	4.8	6	3.1
Marion	20	5.0	19	4.7	22	5.3	16	3.9	20	4.5	18	4.1	23	5.2	26	6.0	23	5.2	26	6.0
St. Joseph	2	3.1	4	6.3	8	12.2	3	4.2	11	15.8	6	8.9	4	5.3	5	7.3	4	6.0	2	2.8
Vanderburgh	4	13.7	1	4.0	2	7.4	0	0.0	1	3.3	5	17.4	3	11.1	1	3.6	3	10.4	1	4.0
RATIO																				
Allen		3.2		2.7		0.7		2.1		2.8		4.3		3.2		3.3		13.1		0.8
Elkhart		2.3		10.1		4.6		5.6		3.9		1.8		7.3		12.6		4.1		4.0
Lake		2.8		3.3		2.1		1.7		1.9		3.3		4.5		3.6		2.8		1.1
Marion		2.8		1.9		2.4		1.6		2.3		1.9		2.6		2.5		4.0		4.3
St. Joseph		2.4		2.6		7.6		1.8		10.5		3.3		5.3		3.8		3.2		1.9
Vanderburgh		4.6		2.0		7.4		0.0		0.8		4.6		5.3		0.9		10.4		8.0

Rate per 1,000 live births.

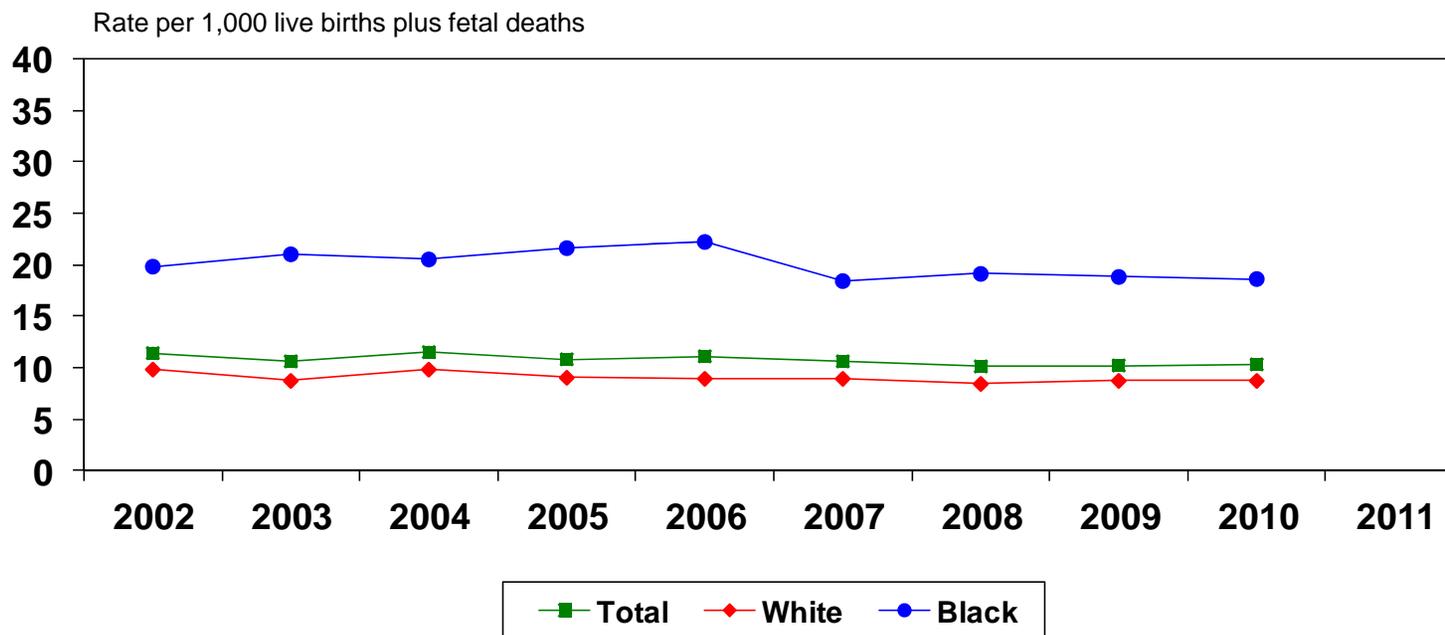
Shaded area: Numerator is less than 20, and the rate is unstable. The ratio is unstable if the numerator or denominator is less than 20.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Perinatal Mortality Rates by Race

Indiana Residents, 2002-2011

The 2011 data for this graph will be updated as soon as the fetal death data are available.
The fetal death file for 2011 was not complete when this report was published.



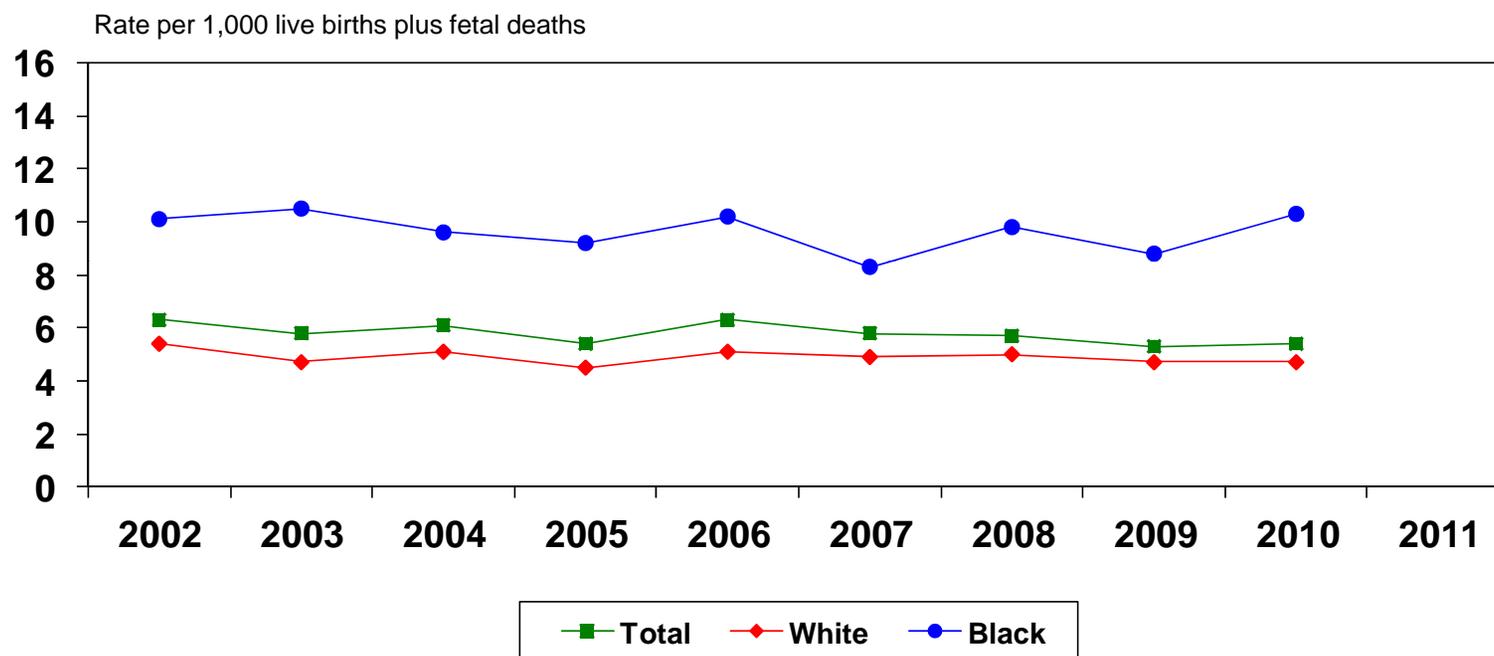
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	11.4	10.6	11.5	10.8	11.1	10.6	10.1	10.2	10.3	n/a
White	9.8	8.7	9.8	9.0	8.9	8.9	8.4	8.7	8.7	n/a
Black	19.8	21.0	20.5	21.6	22.2	18.4	19.1	18.8	18.6	n/a

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Fetal Mortality Rates by Race

Indiana Residents, 2002-2011

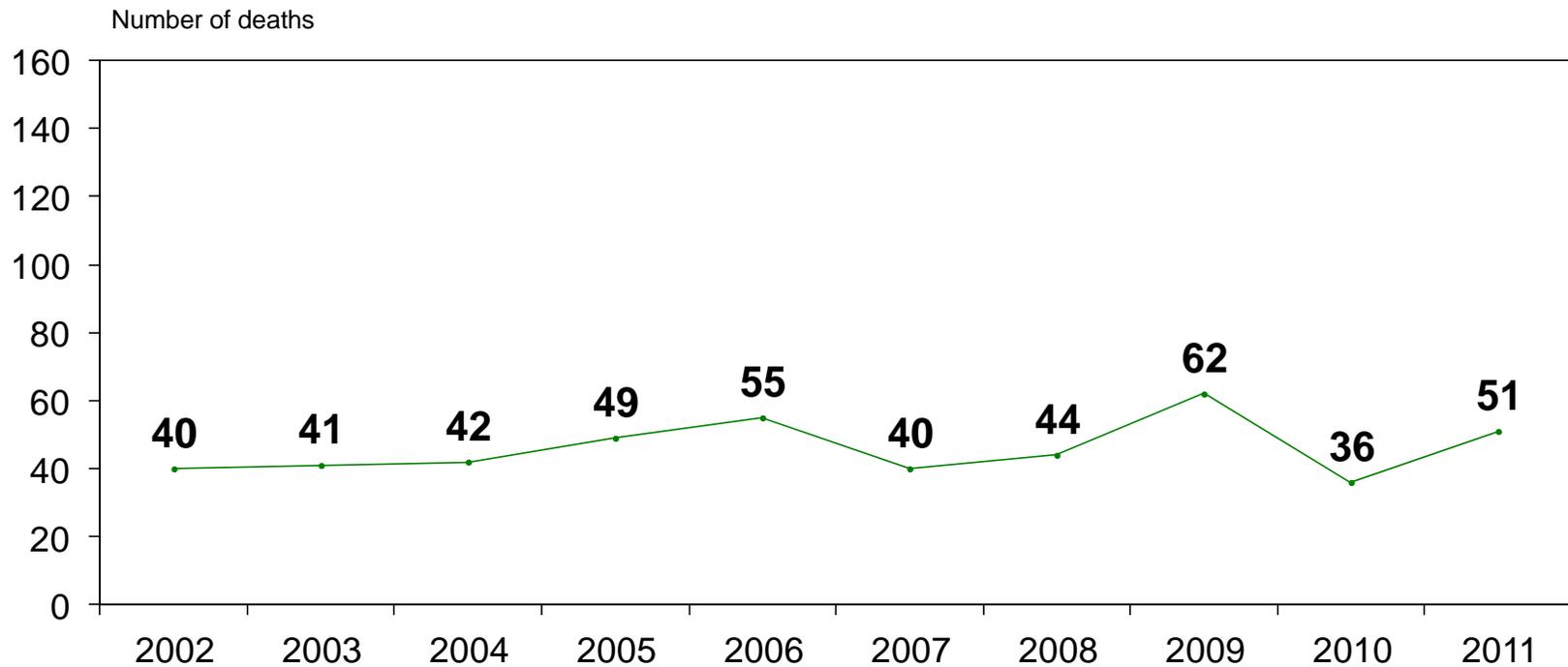
The 2011 data for this graph will be updated as soon as the fetal death data are available.
The fetal death file for 2011 was not complete when this report was published.



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	6.3	5.8	6.1	5.4	6.3	5.8	5.7	5.3	5.4	n/a
White	5.4	4.7	5.1	4.5	5.1	4.9	5.0	4.7	4.7	n/a
Black	10.1	10.5	9.6	9.2	10.2	8.3	9.8	8.8	10.3	n/a

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

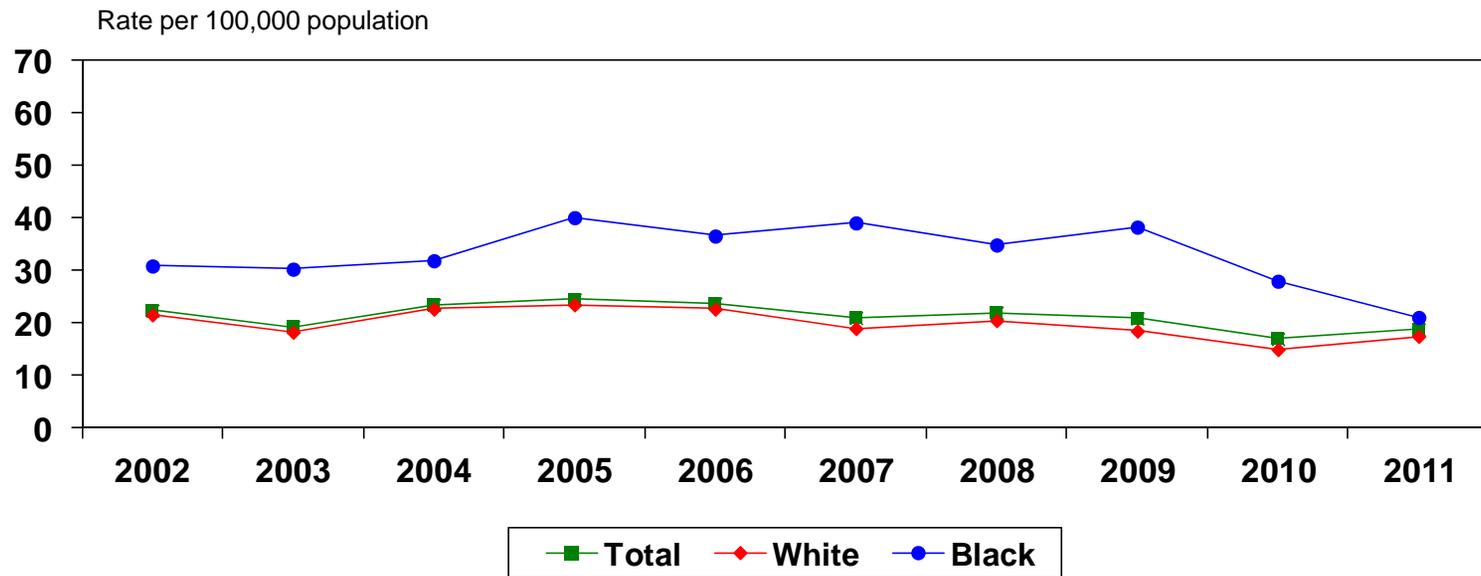
Number of SIDS* Deaths Indiana Residents, 2002-2011 All Races



*Sudden Infant Death Syndrome

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

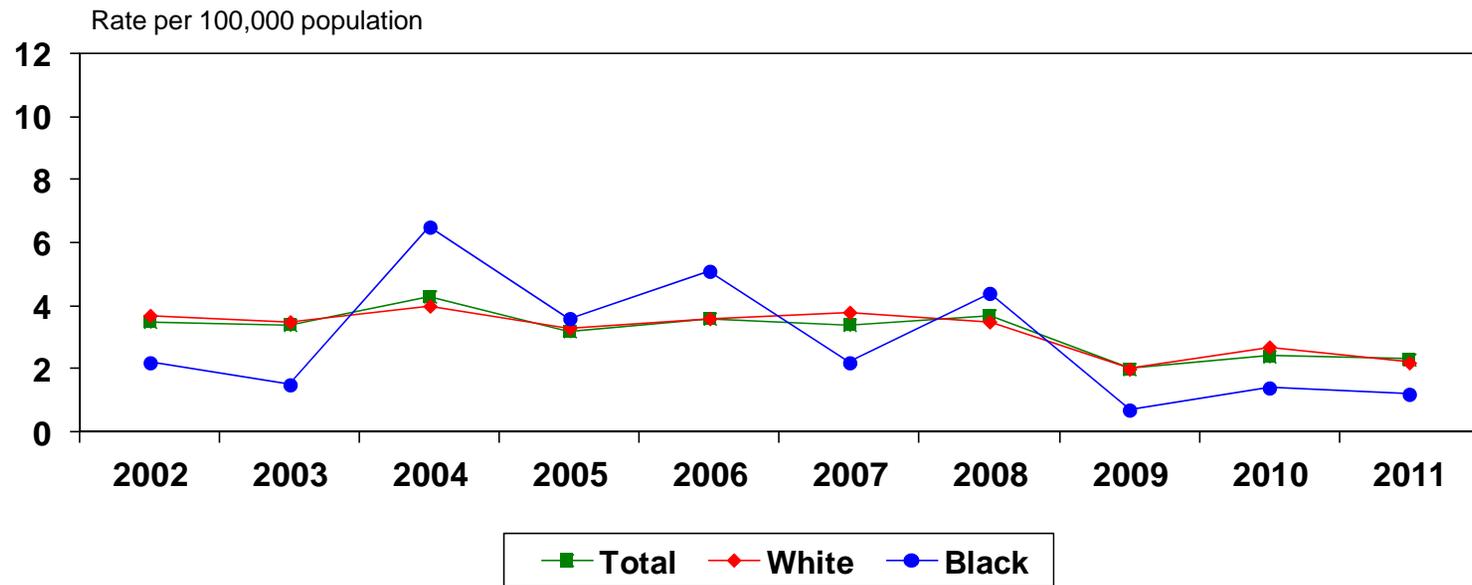
Mortality Rates for Youths Aged 1-14 Years, by Race Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	22.4	19.3	23.5	24.5	23.7	21.0	22.0	20.9	17.0	18.8
White	21.6	18.3	22.7	23.5	22.7	19.0	20.5	18.5	15.0	17.5
Black	30.9	30.3	31.9	40.1	36.6	39.1	34.9	38.3	28.0	21.1

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Motor Vehicle Injury Mortality Rates Among Youths Aged 1-14 Years, by Race Indiana Residents, 2002-2011

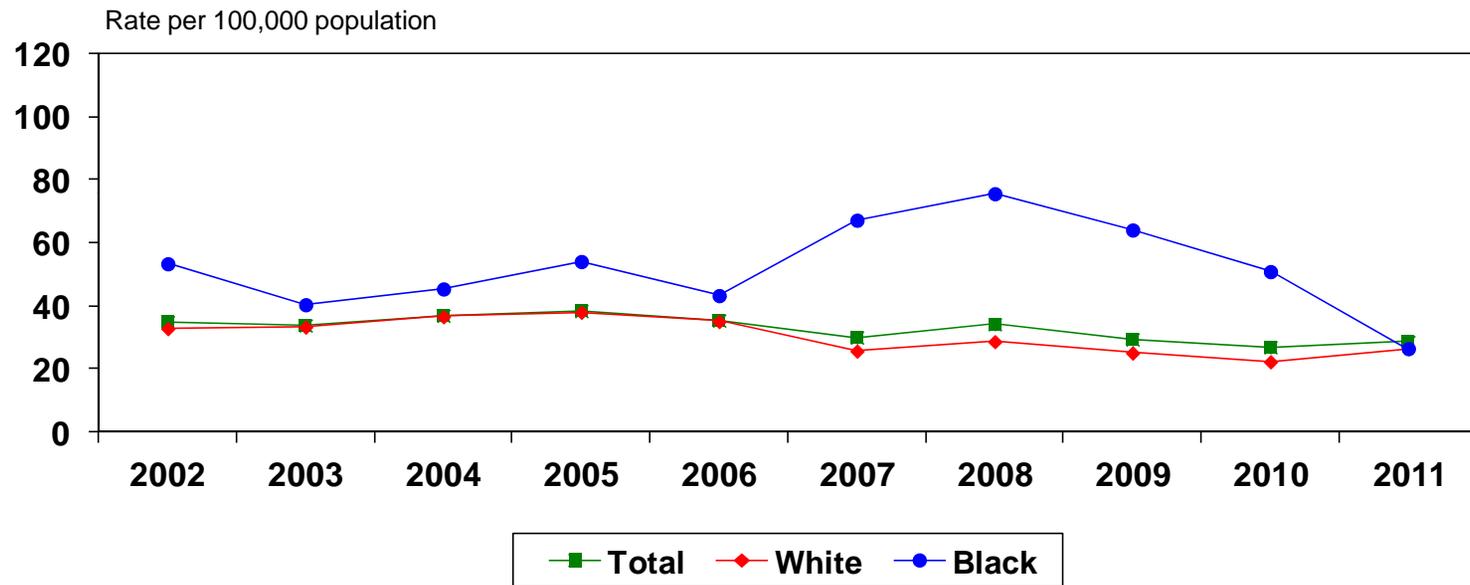


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	3.5	3.4	4.3	3.2	3.6	3.4	3.7	2.0	2.4	2.3
White	3.7	3.5	4.0	3.3	3.6	3.8	3.5	2.0	2.7	2.2
Black	2.2*	1.5*	6.5*	3.6*	5.1*	2.2*	4.4*	0.7*	1.4*	1.2*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Mortality Rates for Youths Aged 1-4 Years, by Race Indiana Residents, 2002-2011

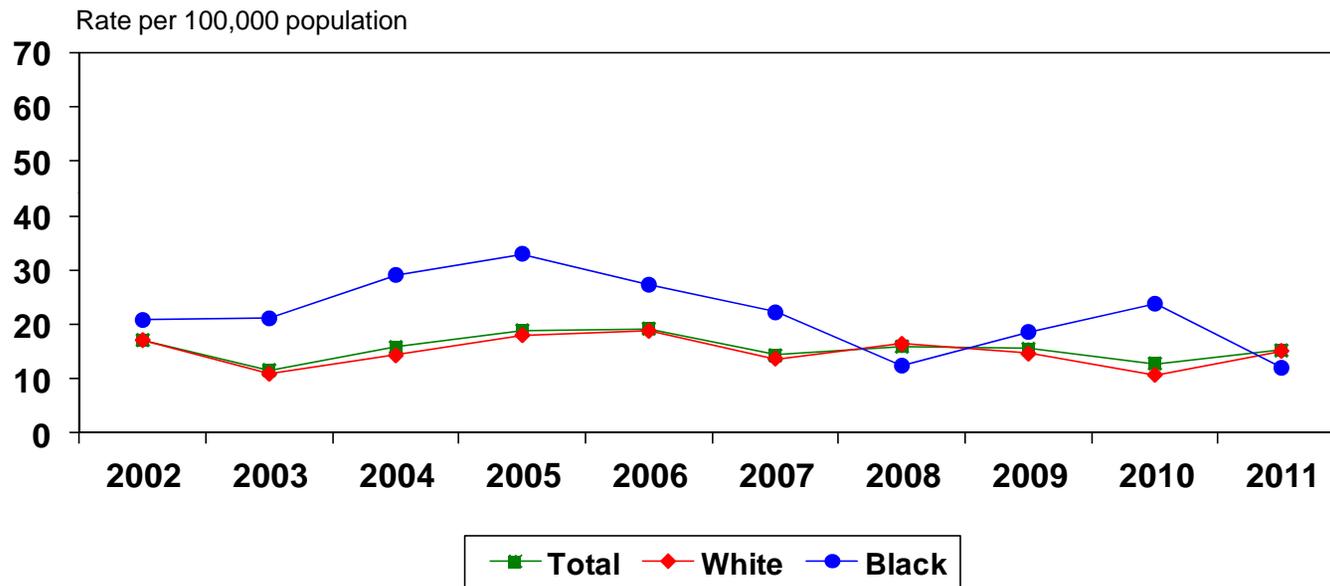


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	34.9	33.8	36.9	38.4	35.4	30.0	34.2	29.4	26.9	28.6
White	32.8	33.3	36.6	38.0	35.1	25.7	28.7	25.1	22.3	26.5
Black	53.4	40.4*	45.4*	54.1	43.3*	67.2	75.6	64.1	50.9	26.5*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Mortality Rates for Youths Aged 5-9 Years, by Race Indiana Residents, 2002-2011

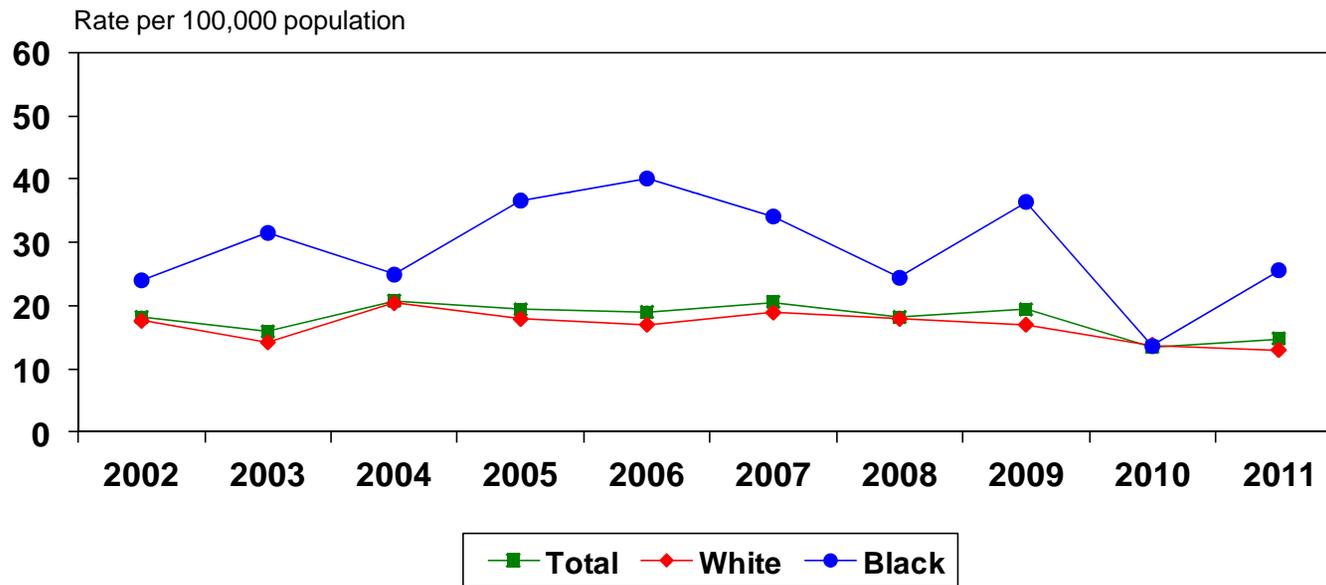


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	17.1	11.6	15.8	18.9	19.2	14.3	15.9	15.5	12.8	15.2
White	17.1	10.9	14.3	18.0	18.8	13.7	16.4	14.6	10.7	15.1
Black	20.8*	21.1*	29.1*	33.0*	27.3*	22.2*	12.4*	18.6*	23.8*	12.0*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Mortality Rates for Youths Aged 10-14 Years, by Race Indiana Residents, 2002-2011

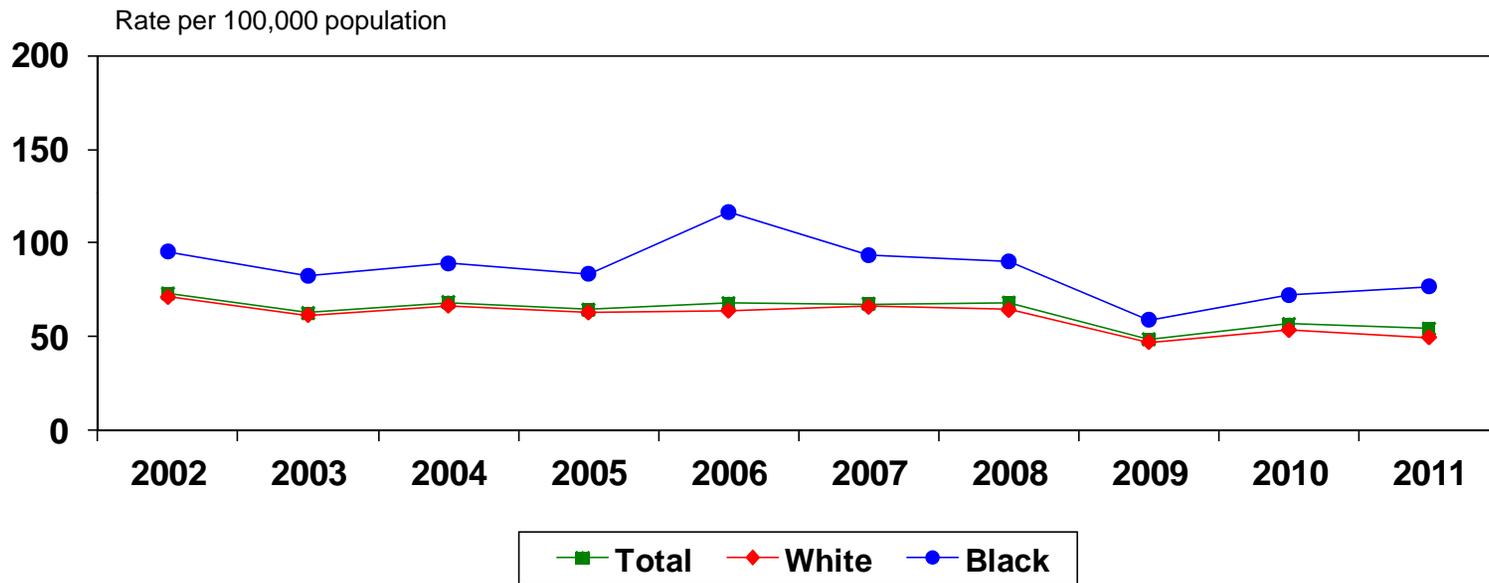


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	18.2	15.9	20.8	19.4	19.0	20.6	18.2	19.4	13.5	14.8
White	17.6	14.2	20.4	17.9	17.0	18.9	17.9	17.0	13.8	13.0
Black	24.0*	31.5*	24.9*	36.6*	40.1	34.1*	24.4*	36.4*	13.6*	25.6*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

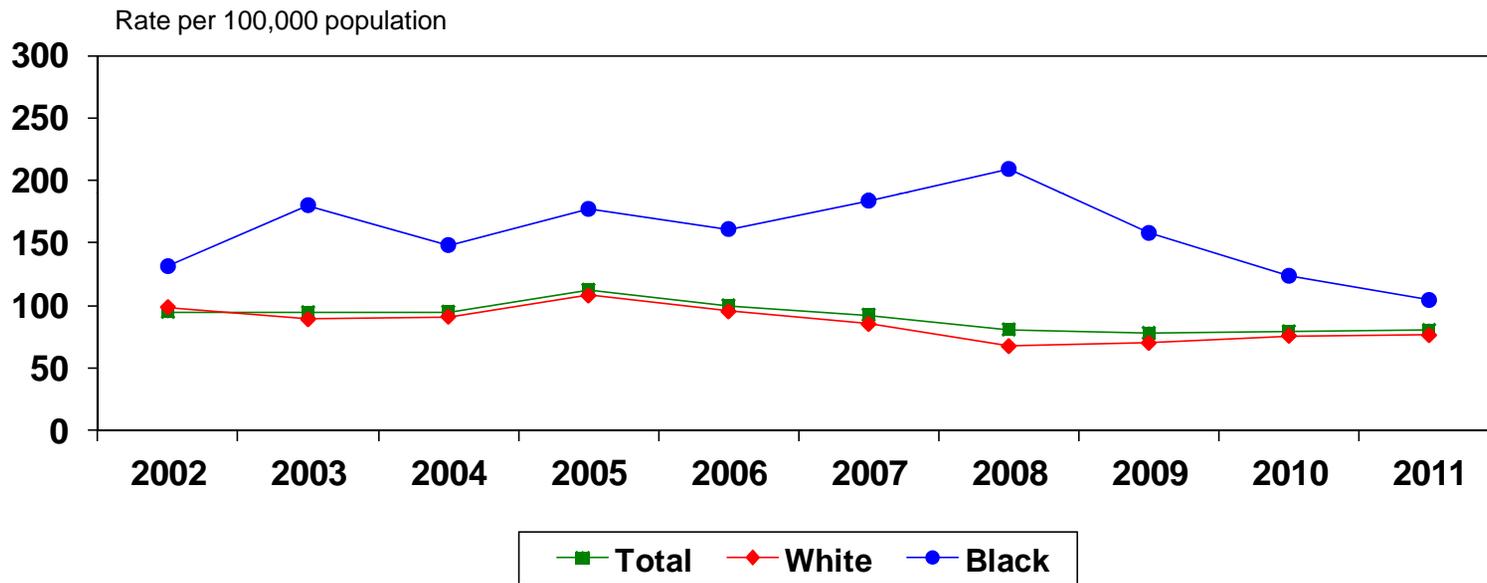
Mortality Rates for Youths Aged 15-19 Years, by Race Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	73.1	62.6	68.5	64.4	67.9	67.6	68.2	48.6	56.8	54.2
White	71.2	61.6	66.6	63.0	63.9	66.0	64.3	47.2	53.6	49.7
Black	95.5	82.5	89.1	83.6	116.5	93.5	90.2	59.1	72.2	76.9

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

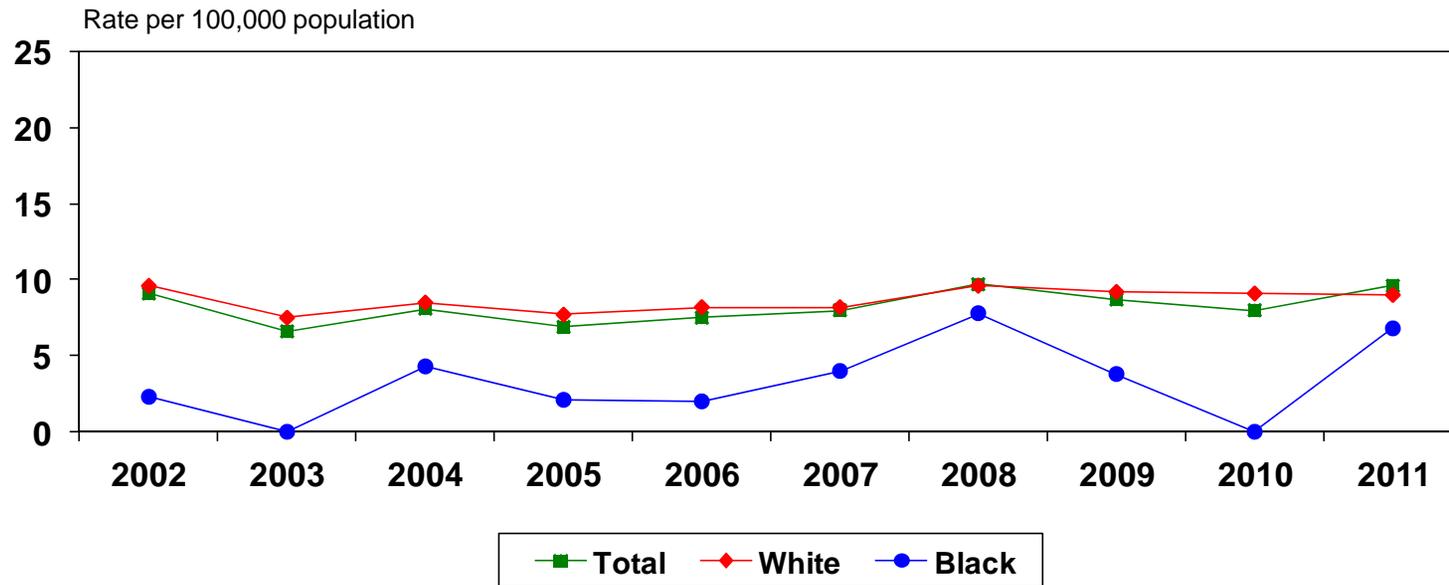
Mortality Rates for Young Adults Aged 20-21 Years, by Race Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	95.0	94.6	95.0	112.6	100.1	92.6	80.8	78.0	79.3	80.3
White	98.7	89.0	91.0	108.0	95.2	85.2	67.5	70.0	75.7	76.2
Black	131.5	180.3	148.4	177.3	161.2	183.9	209.3	158.1	123.8	104.4

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Suicide Mortality Rates Among Youths Aged 15-19 Years, by Race Indiana Residents, 2002-2011

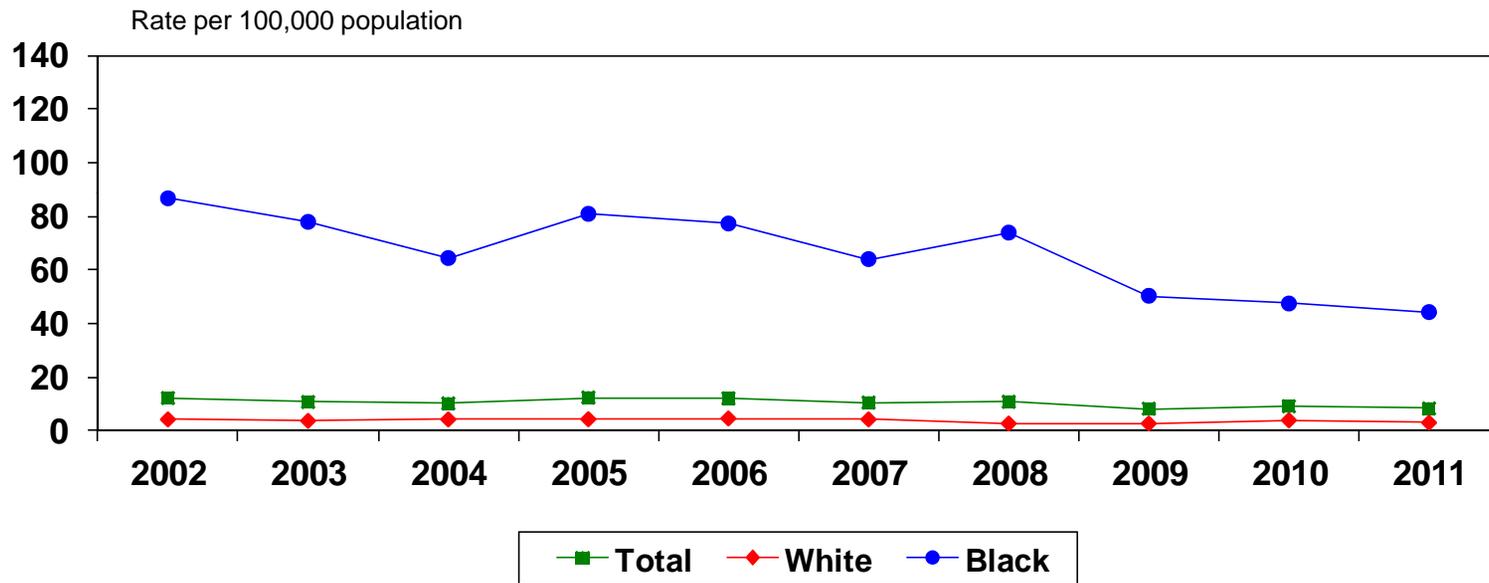


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	9.1	6.6	8.1	6.9	7.5	8.0	9.7	8.7	8.0	9.6
White	9.6	7.5	8.5	7.7	8.2	8.2	9.6	9.2	9.1	9.0
Black	2.3*	0.0*	4.3*	2.1*	2.0*	4.0*	7.8*	3.8*	0.0*	6.8*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Homicide Mortality Rates Among Those Aged 15-24 Years, by Race Indiana Residents, 2002-2011

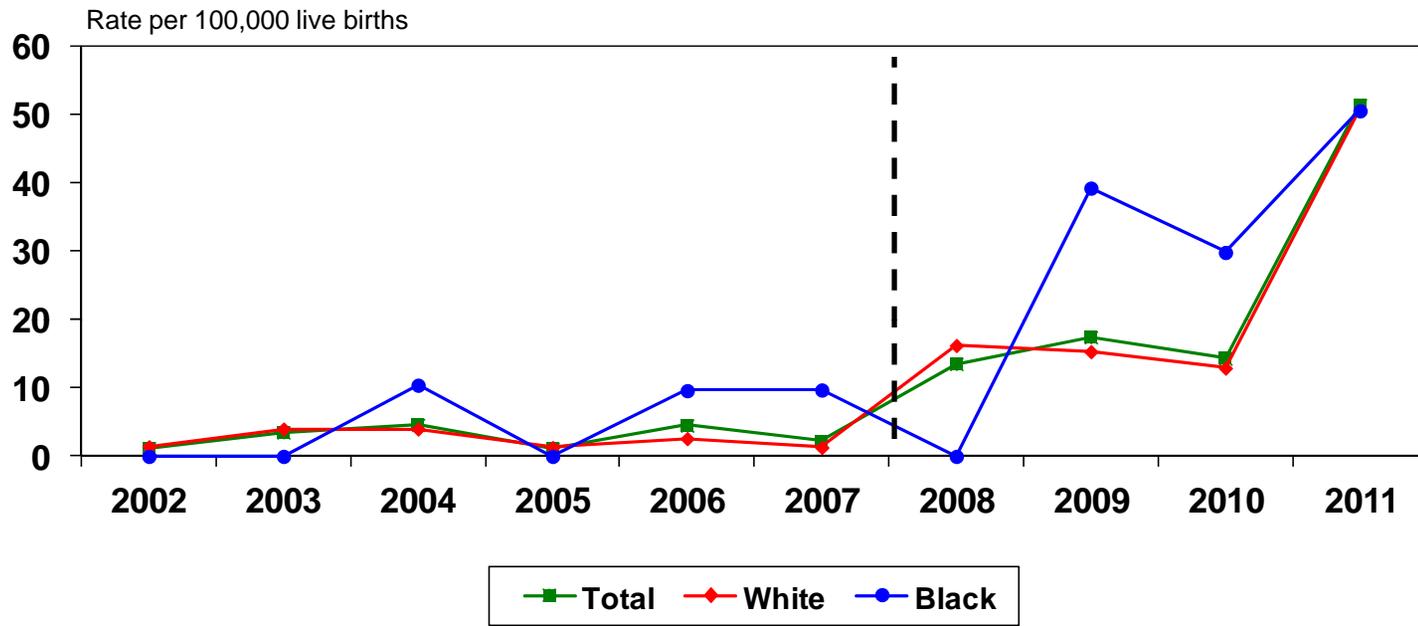


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	12.1	10.6	10.1	12.3	12.0	10.4	10.7	8.1	9.0	8.2
White	4.1	3.6	4.1	4.2	4.5	4.1	2.6	2.6	3.8	2.9
Black	86.7	77.9	64.4	80.9	77.3	64.0	73.9	50.3	47.4	44.2

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Maternal Mortality Rates** by Race

Indiana Residents, 2002-2011



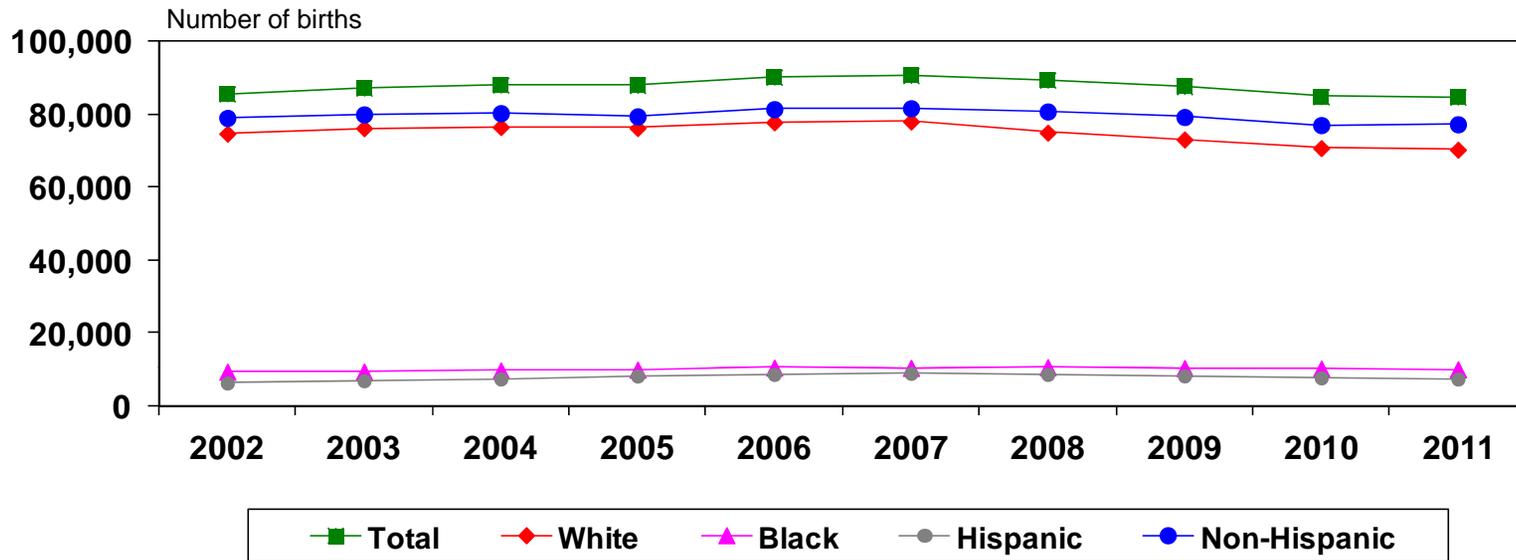
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	1.2*	3.5*	4.6*	1.1*	4.5*	2.2*	13.5*	17.4*	14.3*	51.3
White	1.4*	4.0*	4.0*	1.3*	2.6*	1.3*	16.2*	15.3*	12.9*	50.5
Black	0.0*	0.0*	10.4*	0.0*	9.6*	9.7*	0.0*	39.2*	29.8*	50.5*

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

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Number of Occurrent Live Births* by Race and Ethnicity Indiana, 2002-2011



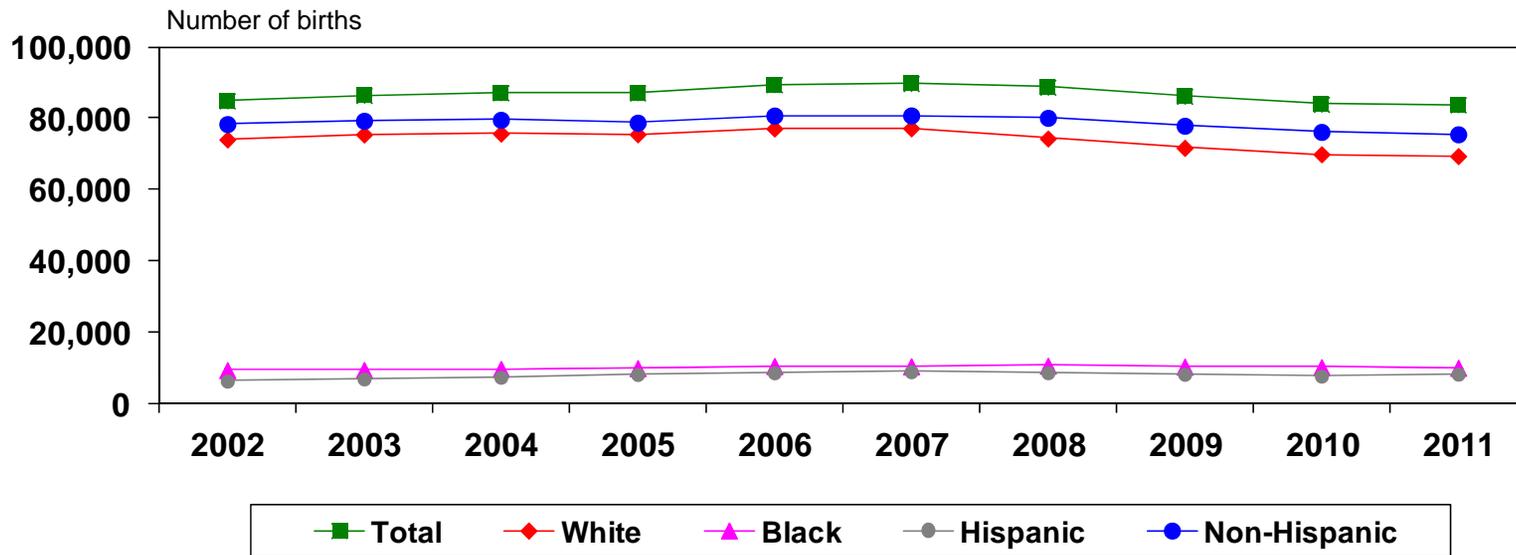
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	85,533	87,128	87,961	87,864	90,120	90,586	89,324	87,548	84,774	84,672
White	74,646	76,143	76,451	76,186	77,763	77,975	74,895	73,013	70,675	70,225
Black	9,300	9,329	9,658	9,882	10,451	10,371	10,571	10,310	10,168	9,949
Hispanic	6,206	6,821	7,322	8,125	8,567	8,858	8,561	8,161	7,622	7,298
Non-Hispanic	78,953	79,911	80,257	79,375	81,359	81,596	80,715	79,198	76,991	77,202

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

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Number of Resident Live Births* by Race and Ethnicity Indiana, 2002-2011



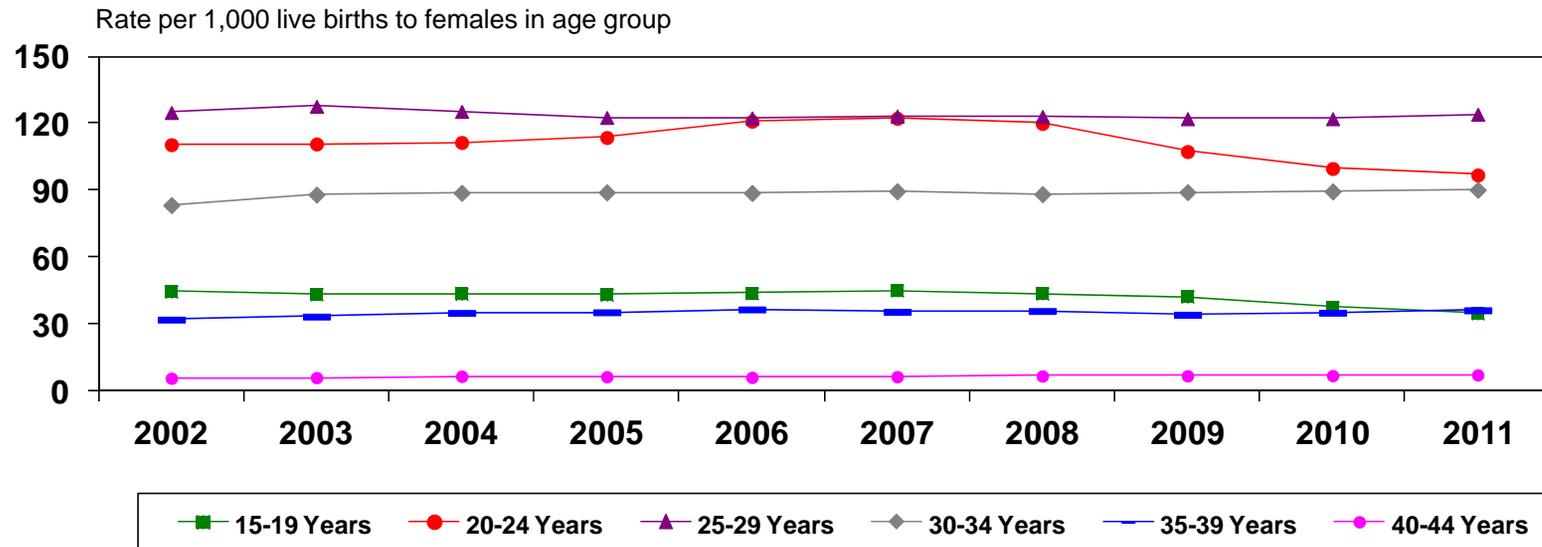
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	83,867	83,750
White	74,013	75,422	75,680	75,464	77,096	77,171	74,280	71,670	69,858	69,349
Black	9,243	9,288	9,582	9,820	10,396	10,303	10,496	10,209	10,052	9,908
Hispanic	6,145	6,763	7,237	8,026	8,488	8,785	8,510	8,072	7,558	8,105
Non-Hispanic	78,346	79,261	79,537	78,723	80,727	80,769	80,091	77,863	76,134	75,468

*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, 2014

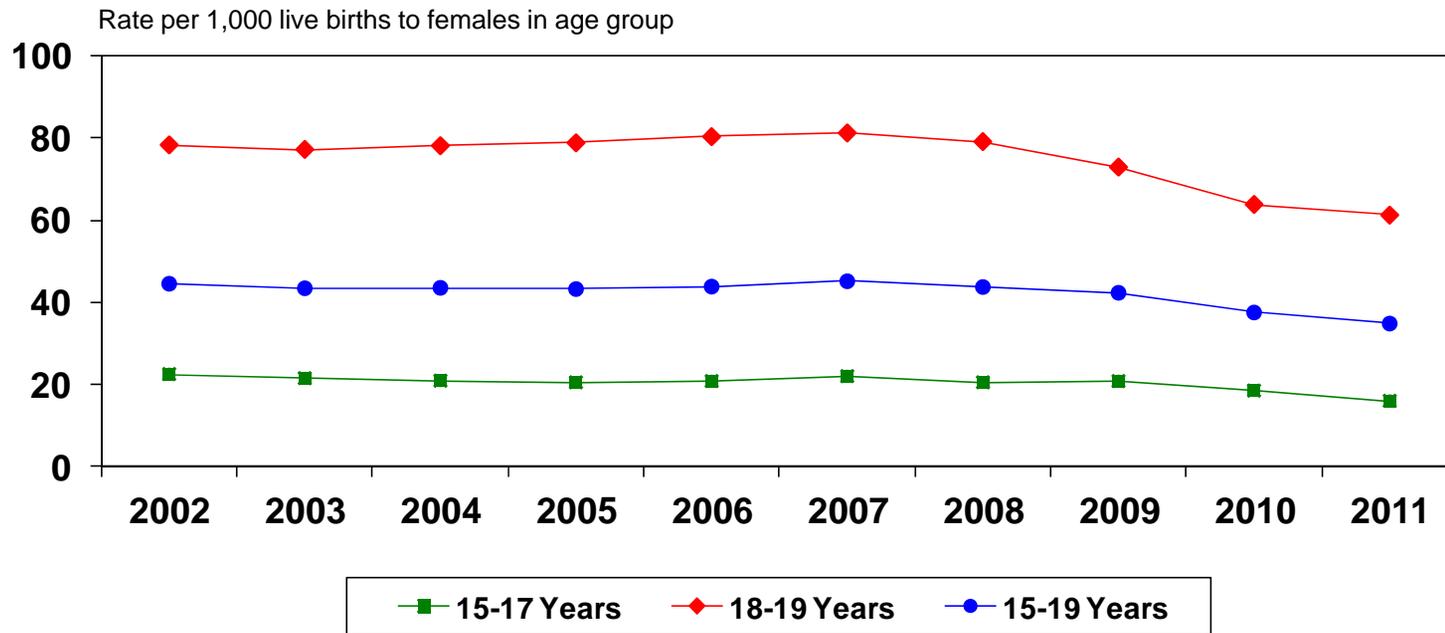
Age-Specific Birth Rates by Age Group for Females Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
15-19 Years	44.5	43.4	43.5	43.2	43.8	45.1	43.7	42.3	37.5	34.8
20-24 Years	110.5	110.8	111.5	113.7	121.0	122.3	120.0	107.4	99.8	96.9
25-29 Years	124.9	127.7	125.4	122.7	122.5	123.3	123.1	122.1	122.1	124.1
30-34 Years	83.4	88.1	88.9	89.1	88.8	89.6	88.3	89.2	89.5	90.2
35-39 Years	32.0	33.4	35.0	35.3	36.6	35.5	35.9	34.2	35.1	36.2
40-44 Years	5.7	6.0	6.6	6.4	6.1	6.4	6.7	6.8	6.9	7.2

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

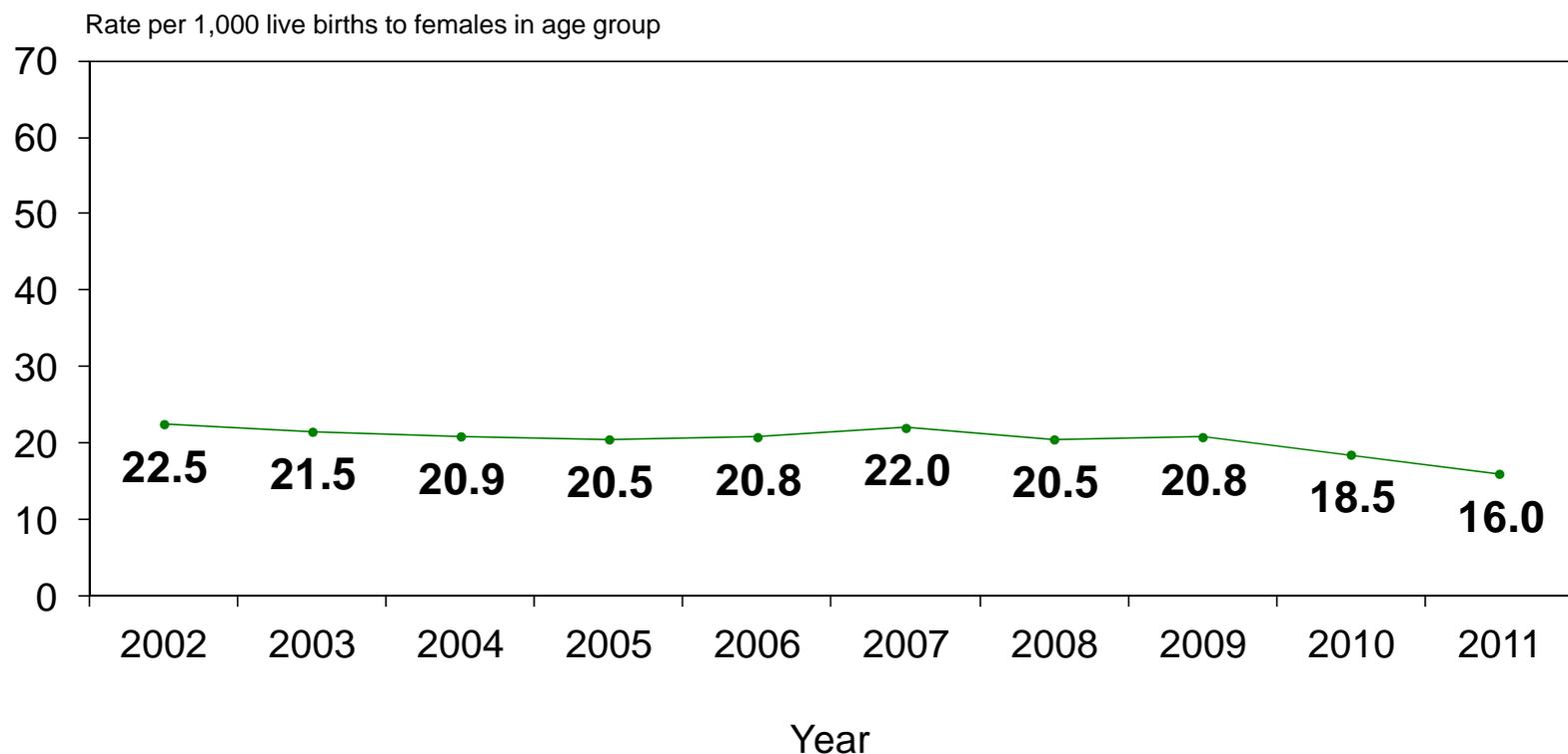
Age-Specific Birth Rates by Age Group for Teenage Females Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
15-17 Years	22.5	21.5	20.9	20.5	20.8	22.0	20.5	20.8	18.5	16.0
18-19 Years	78.3	77.2	78.1	78.8	80.3	81.2	79.1	72.9	63.8	61.2
15-19 Years	44.5	43.4	43.5	43.2	43.8	45.1	43.7	42.3	37.5	34.8

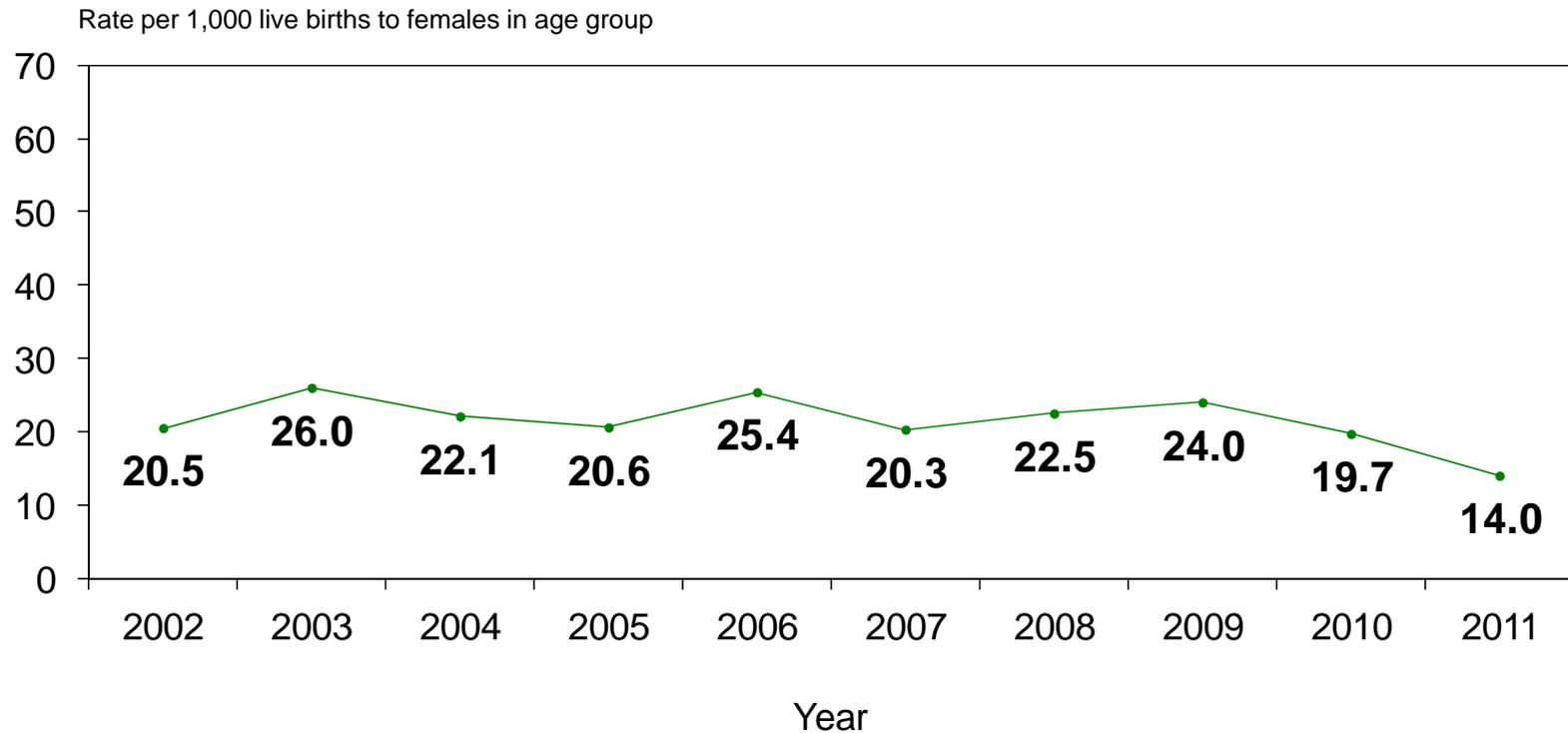
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Age-Specific Birth Rates Females Aged 15-17 Years Indiana Residents, 2002-2011



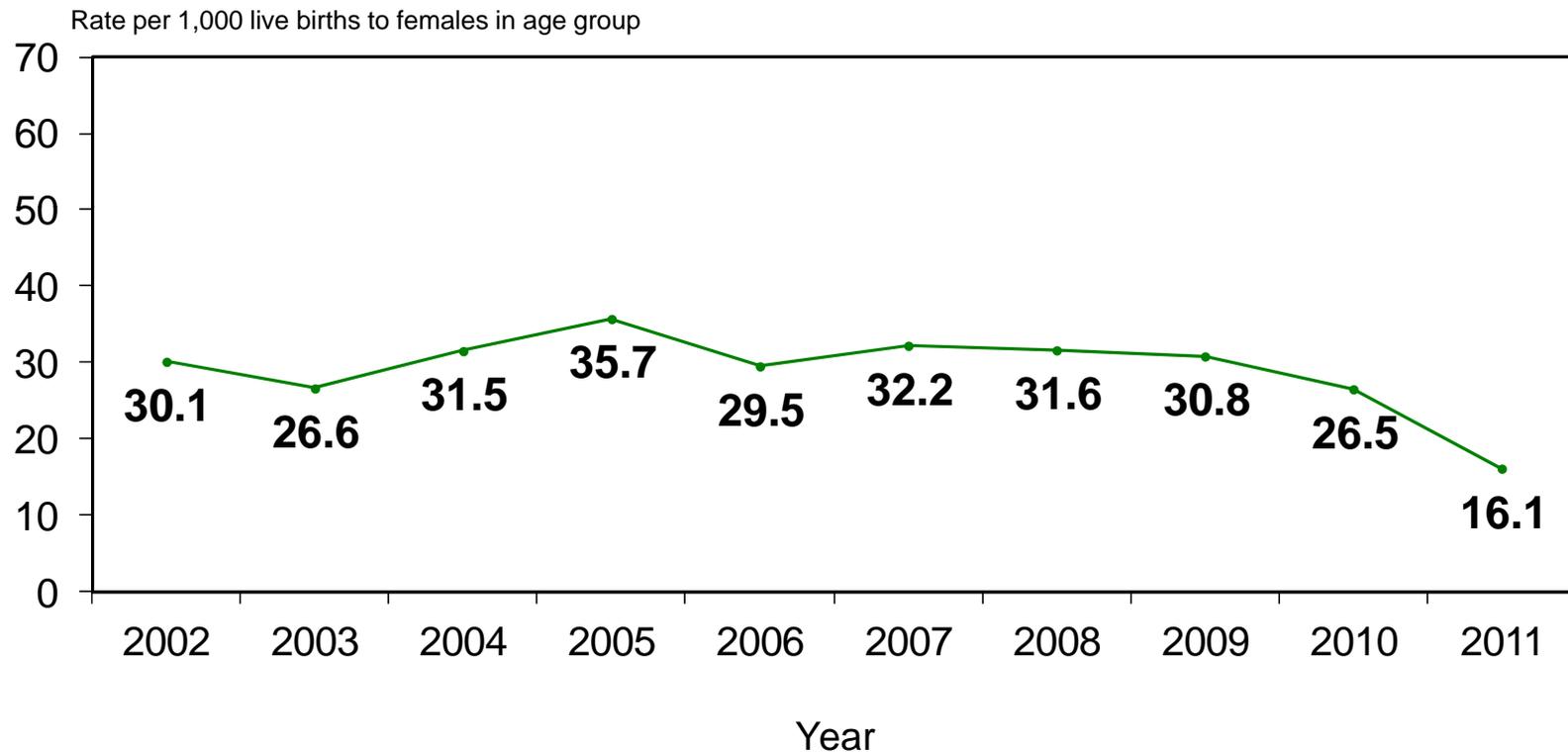
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Age-Specific Birth Rates Females Aged 15-17 Years Allen County Residents, 2002-2011



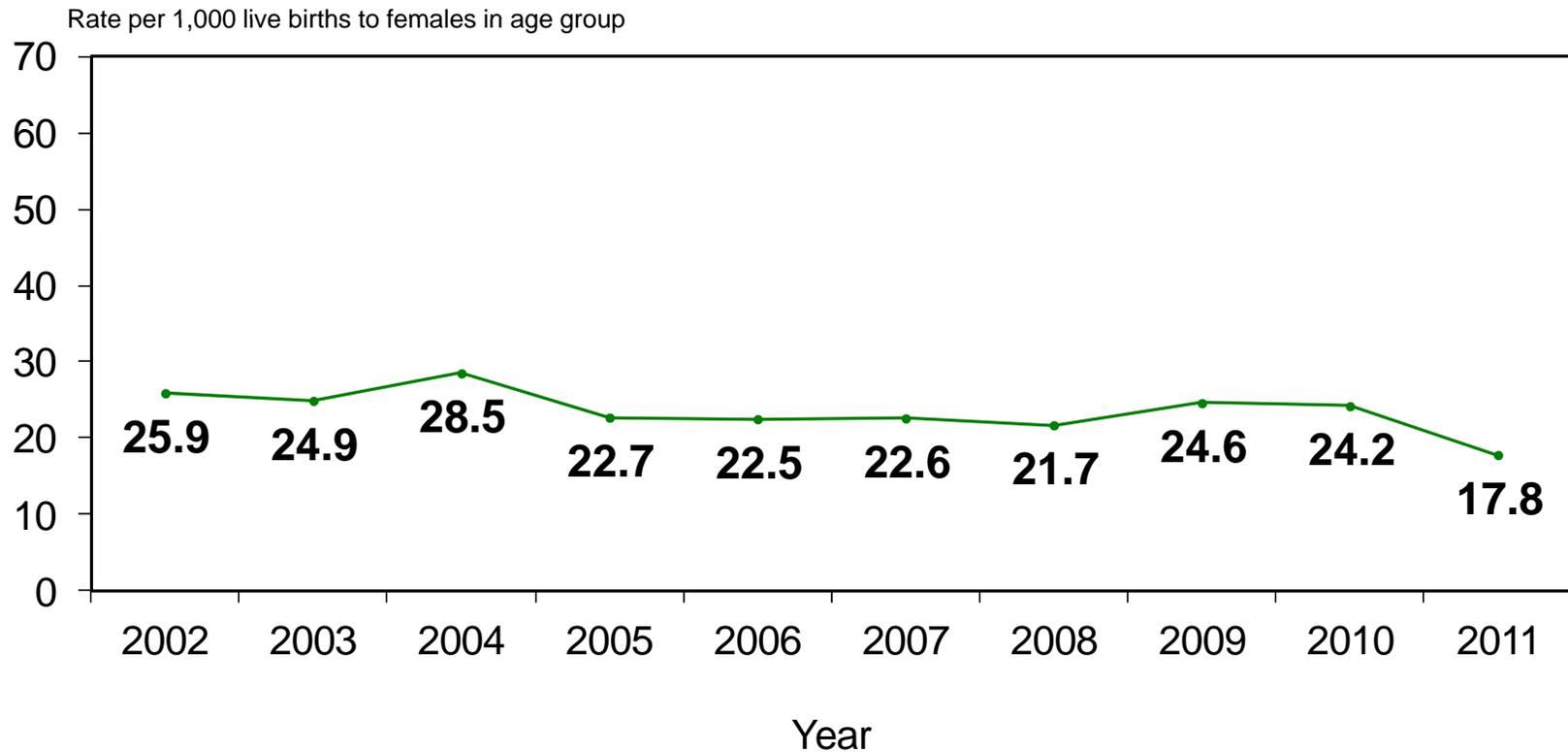
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Age-Specific Birth Rates Females Aged 15-17 Years Elkhart County Residents, 2002-2011



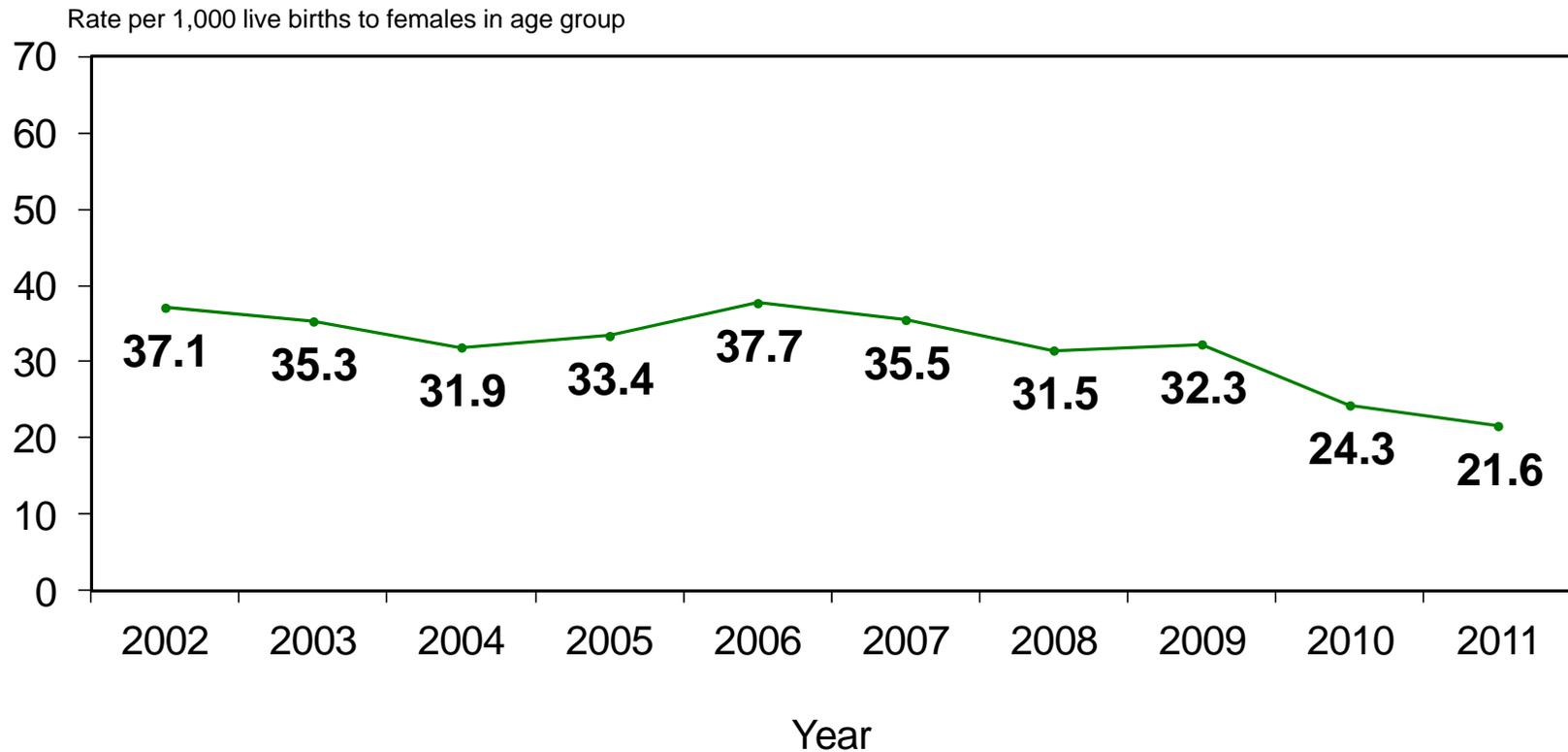
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Age-Specific Birth Rates Females Aged 15-17 Years Lake County Residents, 2002-2011



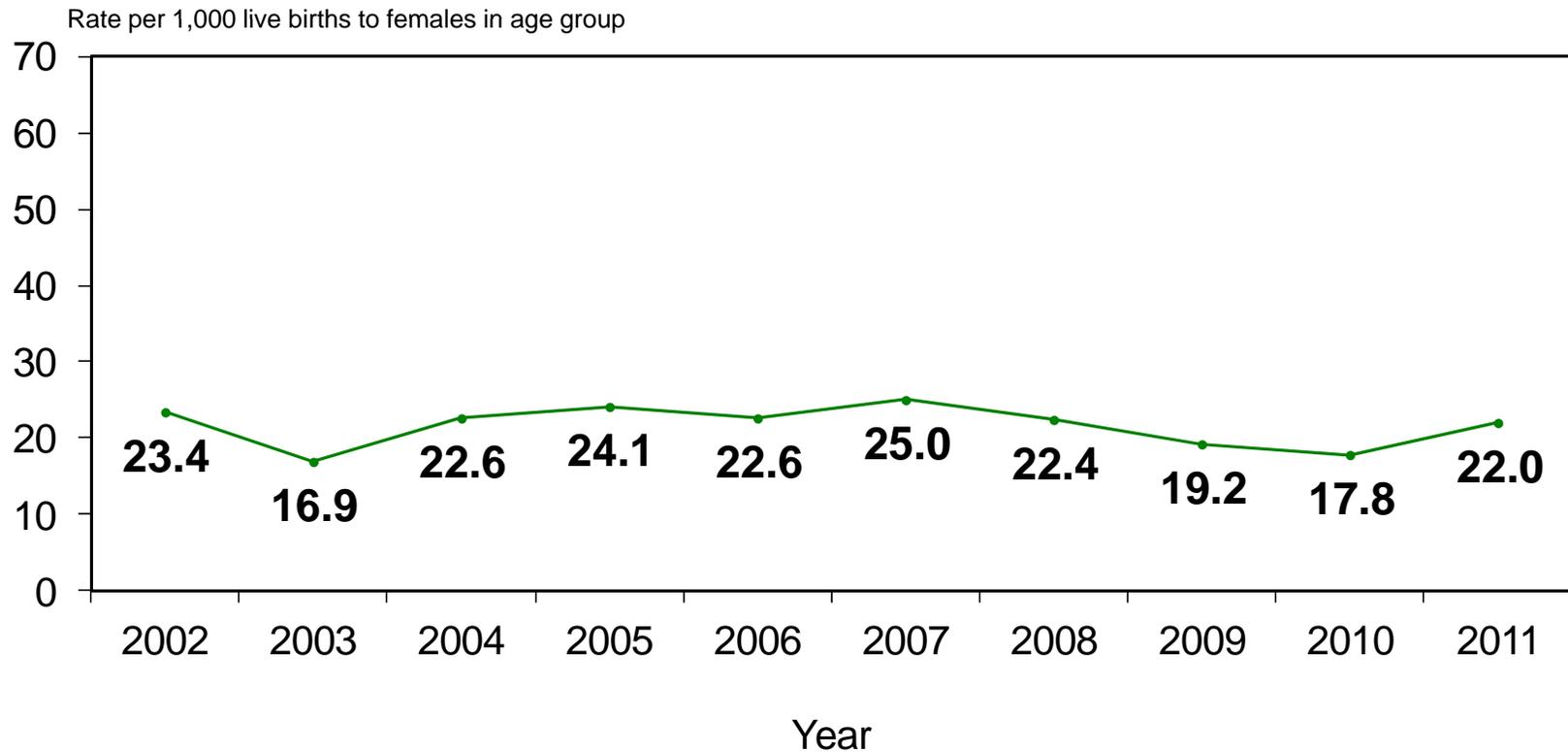
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Age-Specific Birth Rates Females Aged 15-17 Years Marion County Residents, 2002-2011



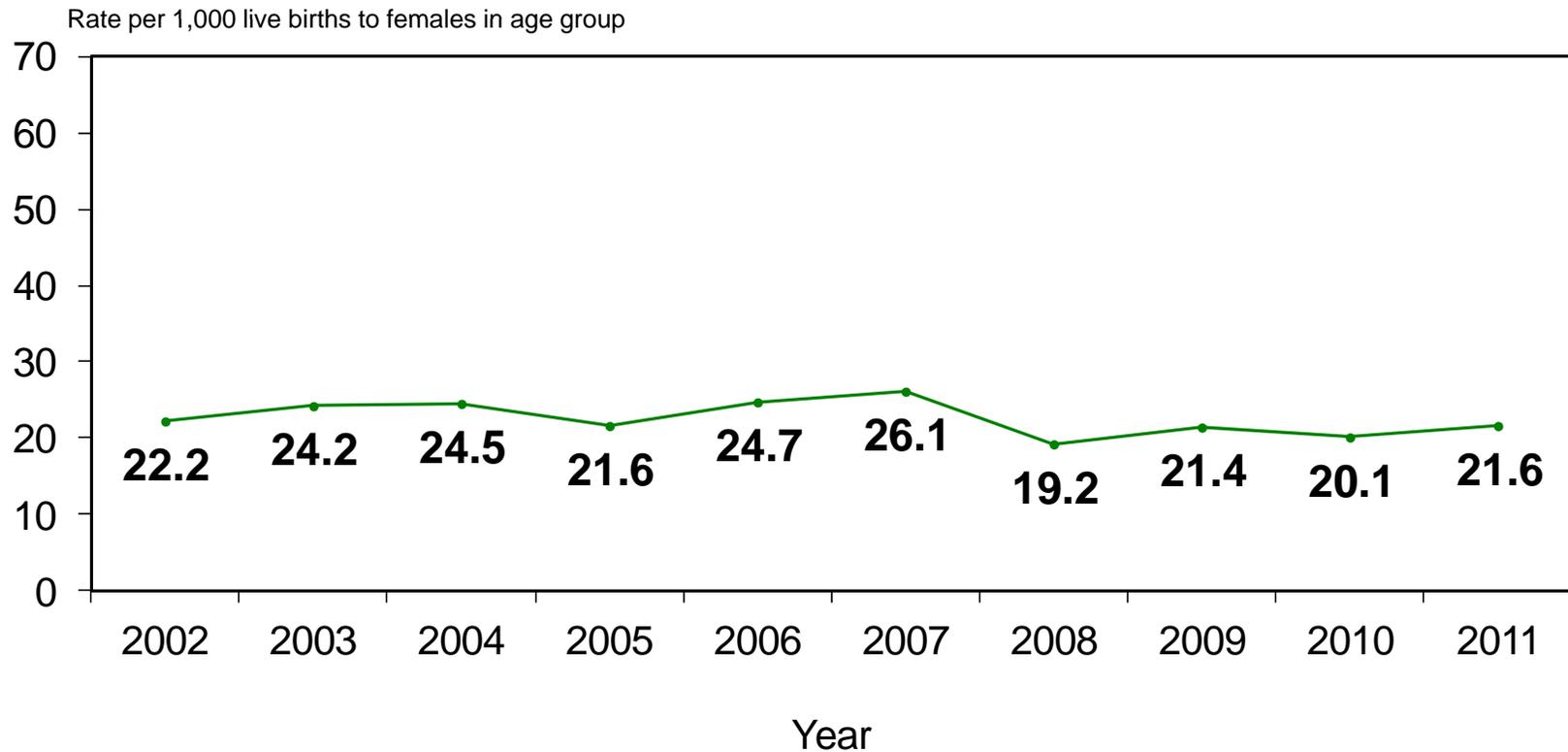
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Age-Specific Birth Rates Females Aged 15-17 Years St. Joseph County Residents, 2002-2011



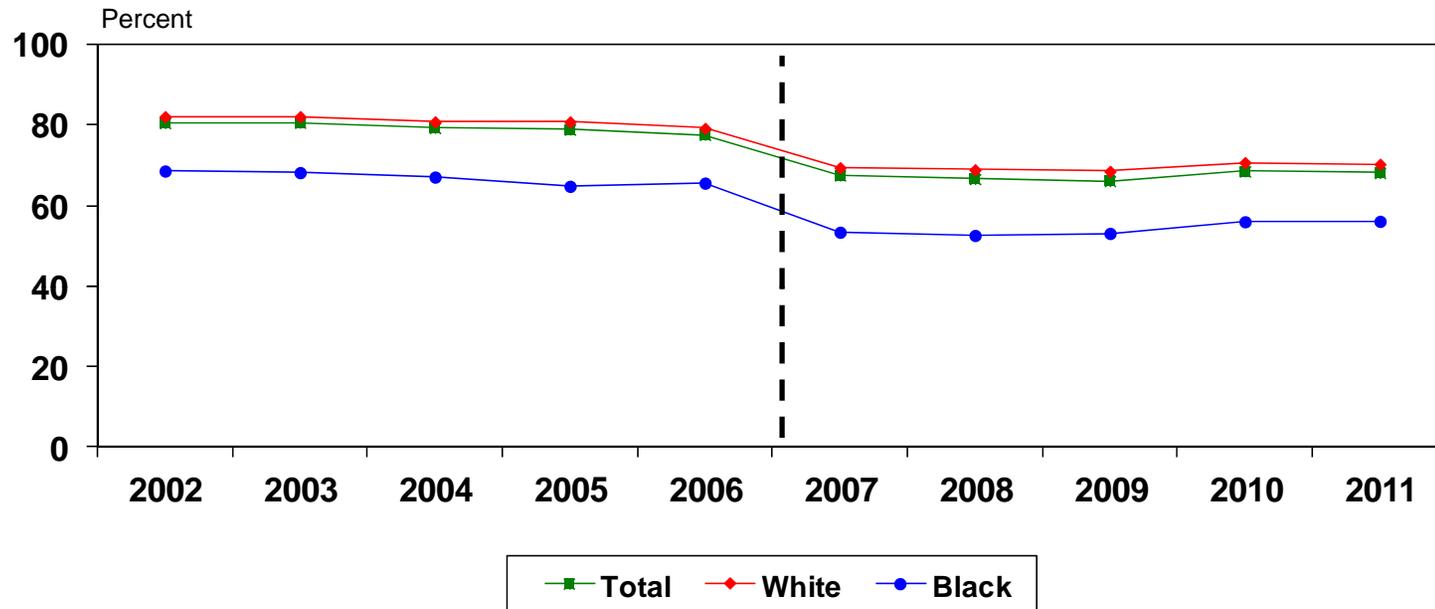
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Age-Specific Birth Rates Females Aged 15-17 Years Vanderburgh County Residents, 2002-2011



Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Indiana Residents, 2002-2011



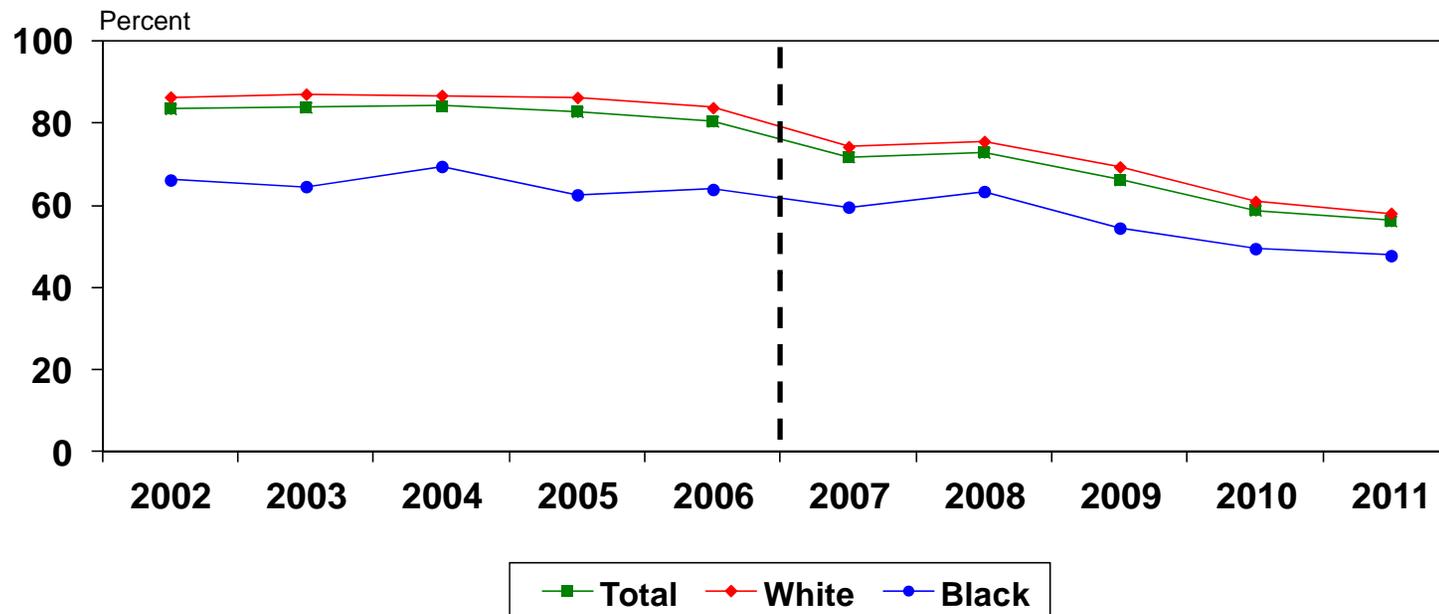
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	80.5	80.6	79.3	78.9	77.6	67.5	66.6	66.1	68.5	68.1
White	82.1	82.1	80.8	80.8	79.2	69.4	68.9	68.5	70.7	70.3
Black	68.6	68.2	67.1	64.8	65.6	53.4	52.6	53.1	56.0	56.1

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not 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, 2014

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Allen County Residents, 2002-2011



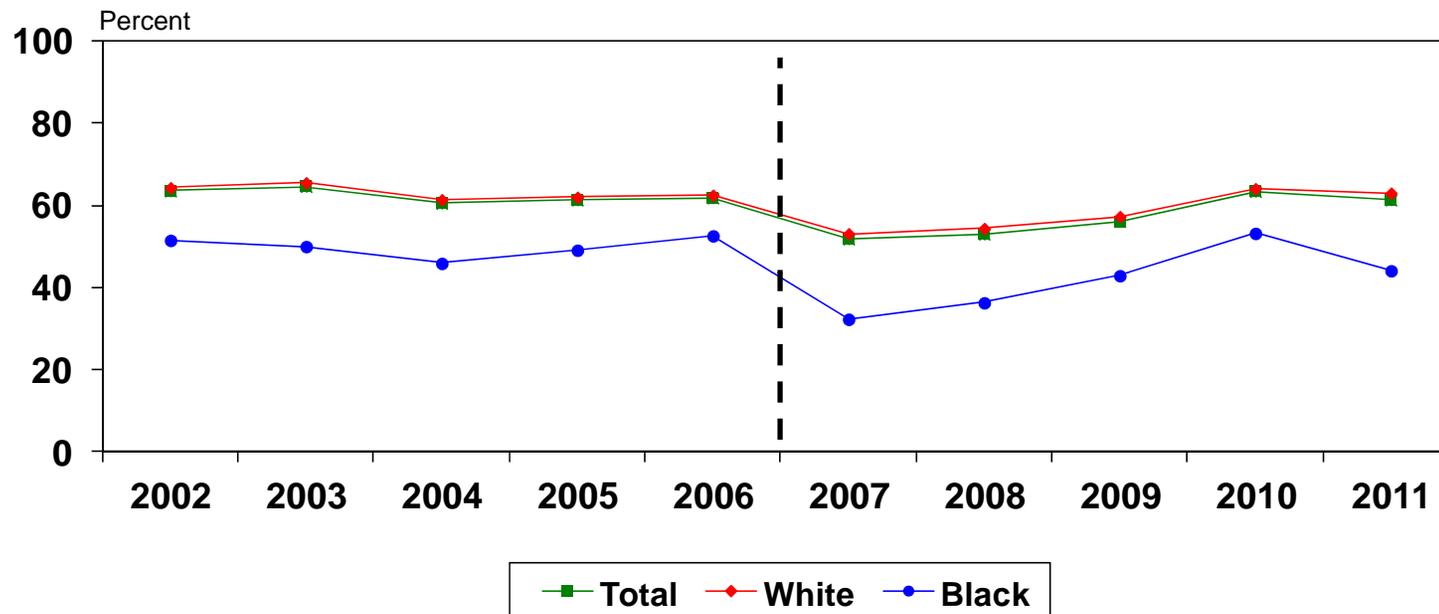
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	83.5	83.9	84.2	82.8	80.5	71.8	72.9	66.2	58.8	56.2
White	86.4	87.1	86.8	86.3	83.8	74.3	75.6	69.4	61.0	58.1
Black	66.2	64.6	69.5	62.6	63.9	59.6	63.4	54.5	49.5	47.8

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not 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, 2014

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Elkhart County Residents, 2002-2011



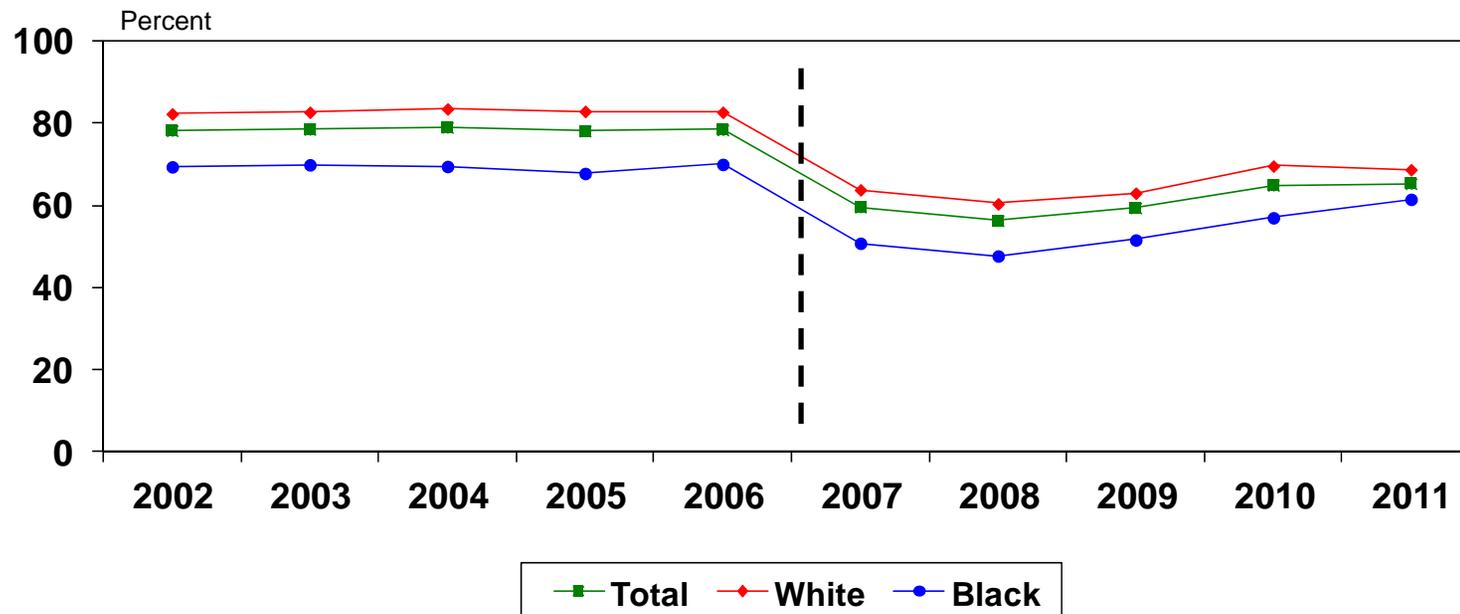
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	63.5	64.6	60.5	61.3	61.8	51.8	53.0	56.1	63.4	61.3
White	64.3	65.5	61.4	62.0	62.5	53.1	54.4	57.3	64.1	63.0
Black	51.5	50.0	45.9	49.1	52.6	32.3	36.3	42.9	53.2	44.1

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not 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, 2014

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Lake County Residents, 2002-2011



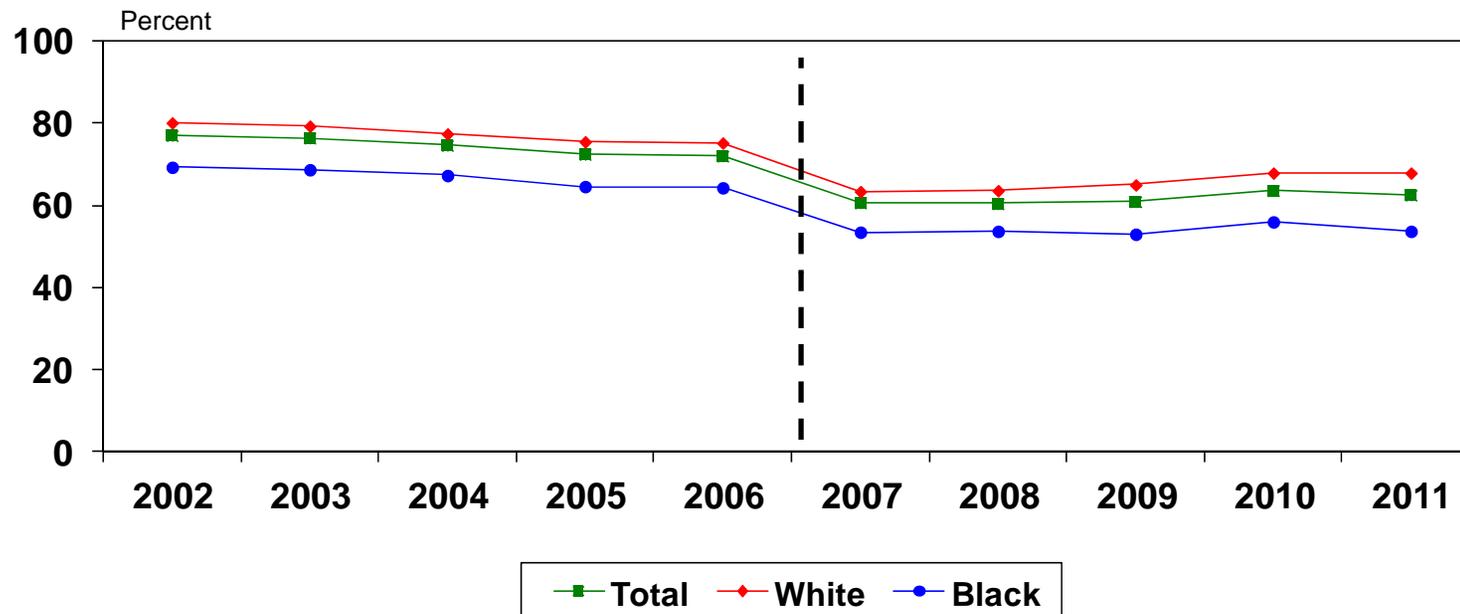
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	78.2	78.5	79.0	78.1	78.4	59.6	56.3	59.4	64.9	65.3
White	82.3	82.7	83.5	82.9	82.7	63.8	60.4	63.0	69.6	68.7
Black	69.4	69.9	69.5	67.8	70.0	50.8	47.7	51.6	57.0	61.5

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not 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, 2014

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Marion County Residents, 2002-2011



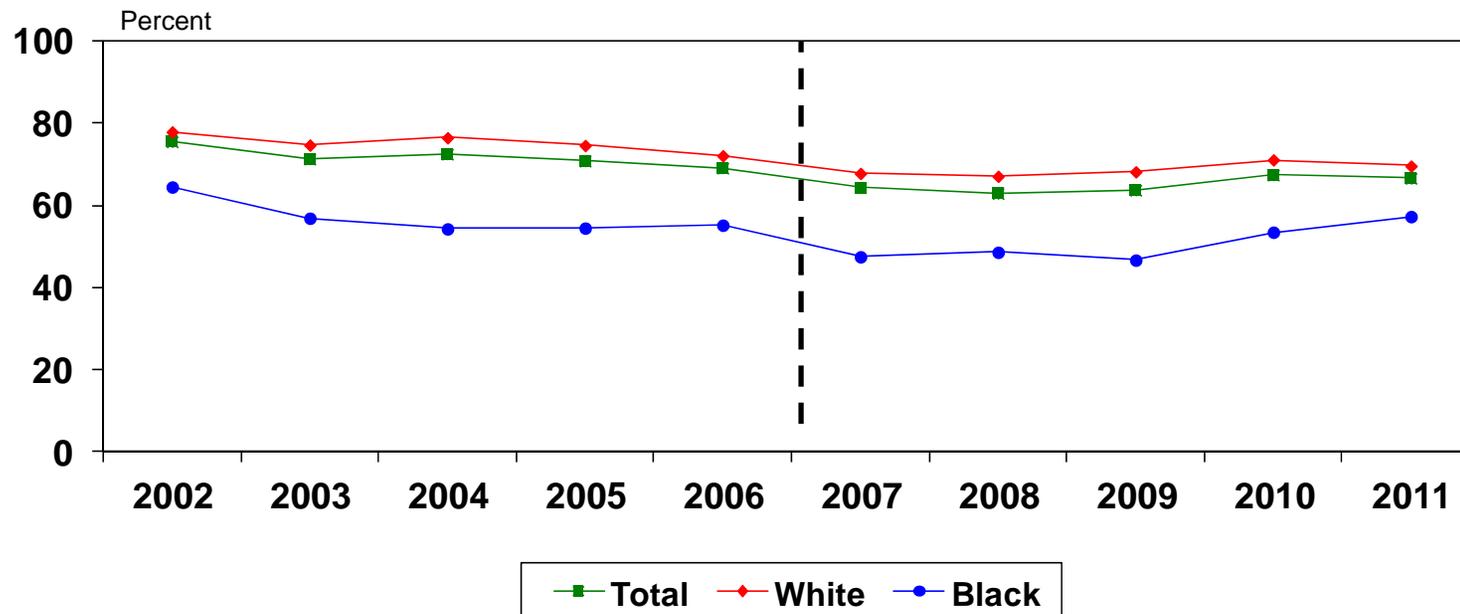
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	77.0	76.4	74.6	72.4	72.0	60.6	60.4	60.9	63.6	62.5
White	80.1	79.3	77.4	75.5	75.2	63.4	63.6	65.0	67.9	67.9
Black	69.3	68.7	67.3	64.6	64.3	53.5	53.7	53.0	56.0	53.7

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not 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, 2014

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race St. Joseph County Residents, 2002-2011



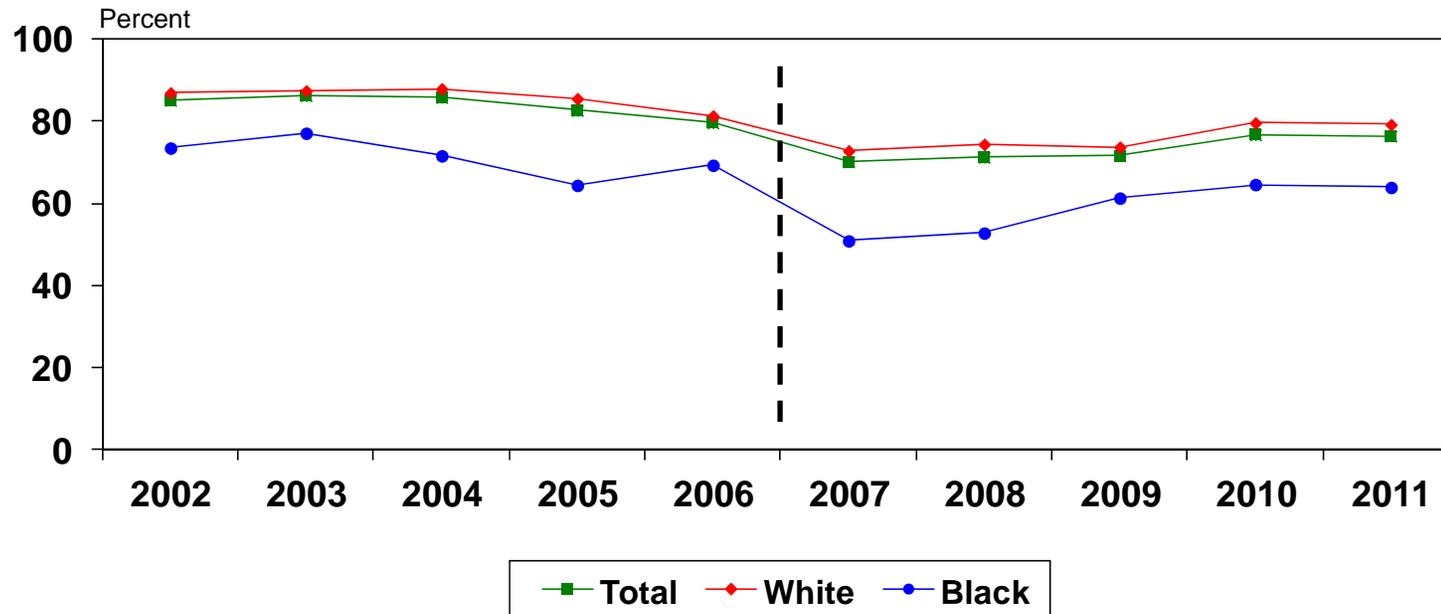
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	75.5	71.3	72.5	70.8	69.1	64.3	62.9	63.7	67.4	66.6
White	77.9	74.7	76.5	74.6	72.1	67.8	67.1	68.2	71.1	69.6
Black	64.5	56.9	54.3	54.5	55.2	47.5	48.6	46.7	53.5	57.3

*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not 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, 2014

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Vanderburgh County Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	85.1	86.2	85.8	82.6	79.6	70.1	71.2	71.6	76.7	76.4
White	86.9	87.4	87.9	85.5	81.3	72.8	74.4	73.7	79.6	79.2
Black	73.5	77.1	71.6	64.4	69.3	50.9	52.8	61.3	64.6	63.9

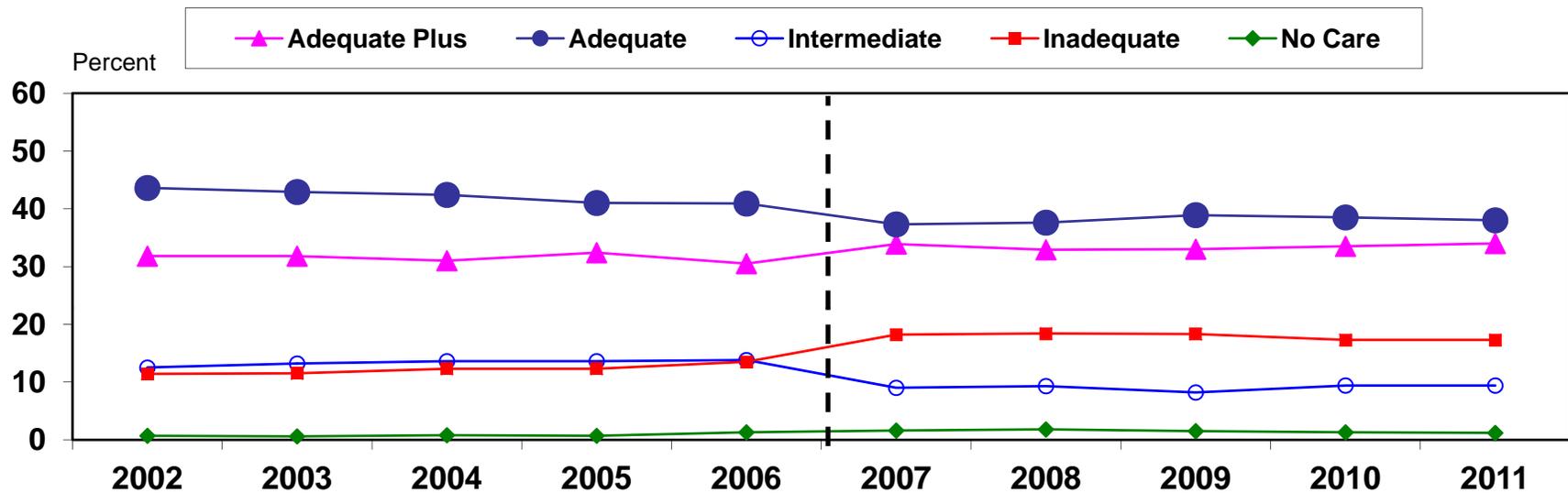
*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

All Races, Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Adequate Plus	31.8	31.8	31.0	32.4	30.5	33.9	32.9	33.0	33.5	34.0
Adequate	43.6	42.9	42.4	41.0	40.9	37.3	37.6	38.9	38.5	38.0
Intermediate	12.5	13.2	13.6	13.6	13.8	9.0	9.3	8.2	9.4	9.4
Inadequate	11.4	11.5	12.3	12.3	13.5	18.2	18.4	18.3	17.3	17.3
No Care	0.7	0.6	0.8	0.7	1.3	1.6	1.8	1.5	1.3	1.2

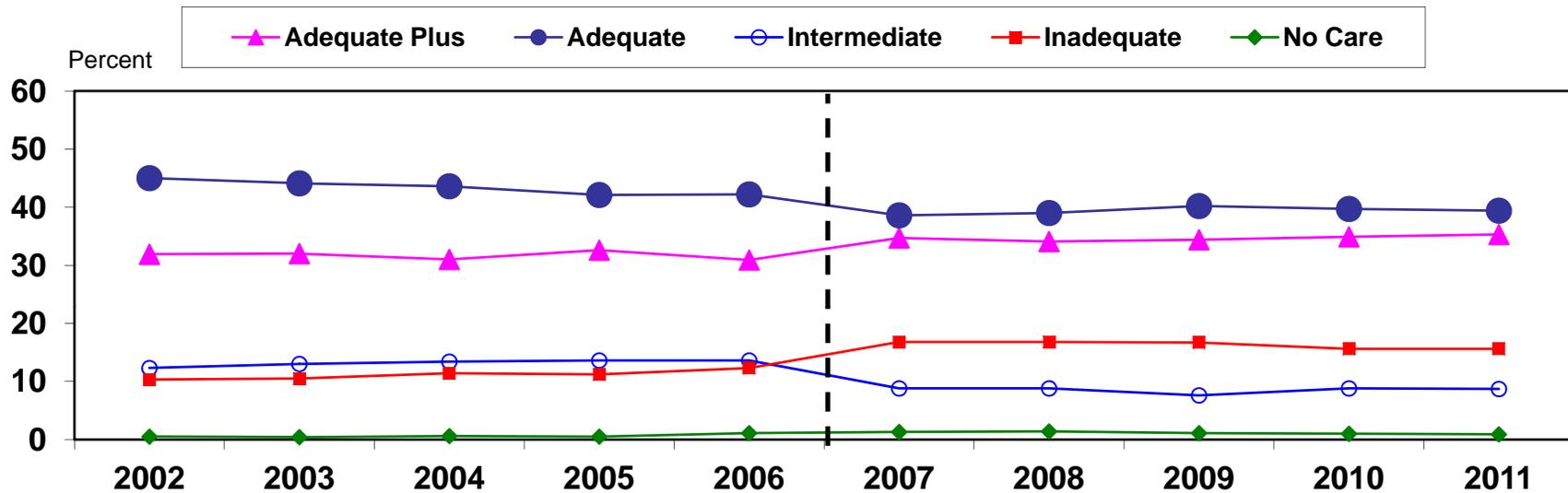
*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

White Population, Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Adequate Plus	31.9	32.0	31.0	32.6	30.9	34.7	34.1	34.4	34.9	35.3
Adequate	45.0	44.1	43.6	42.1	42.2	38.6	39.0	40.2	39.7	39.4
Intermediate	12.3	13.0	13.4	13.6	13.6	8.8	8.8	7.6	8.8	8.7
Inadequate	10.3	10.5	11.4	11.2	12.3	16.8	16.8	16.7	15.6	15.6
No Care	0.5	0.4	0.6	0.5	1.1	1.3	1.4	1.1	1.0	0.9

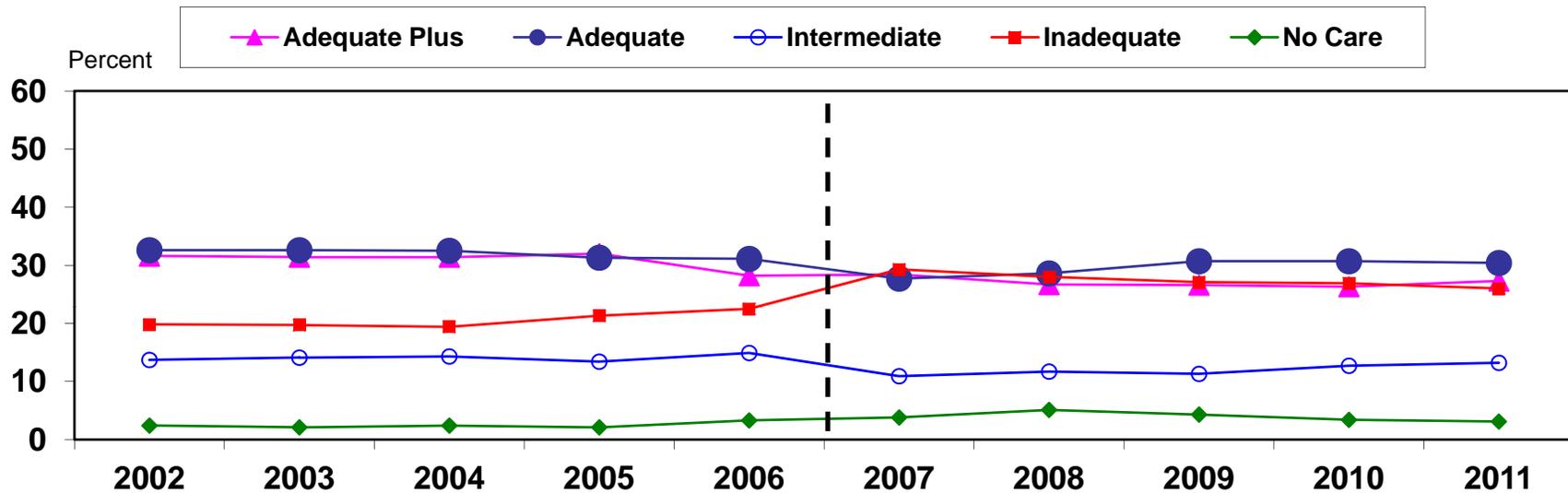
*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

Black Population, Indiana Residents, 2002-2011



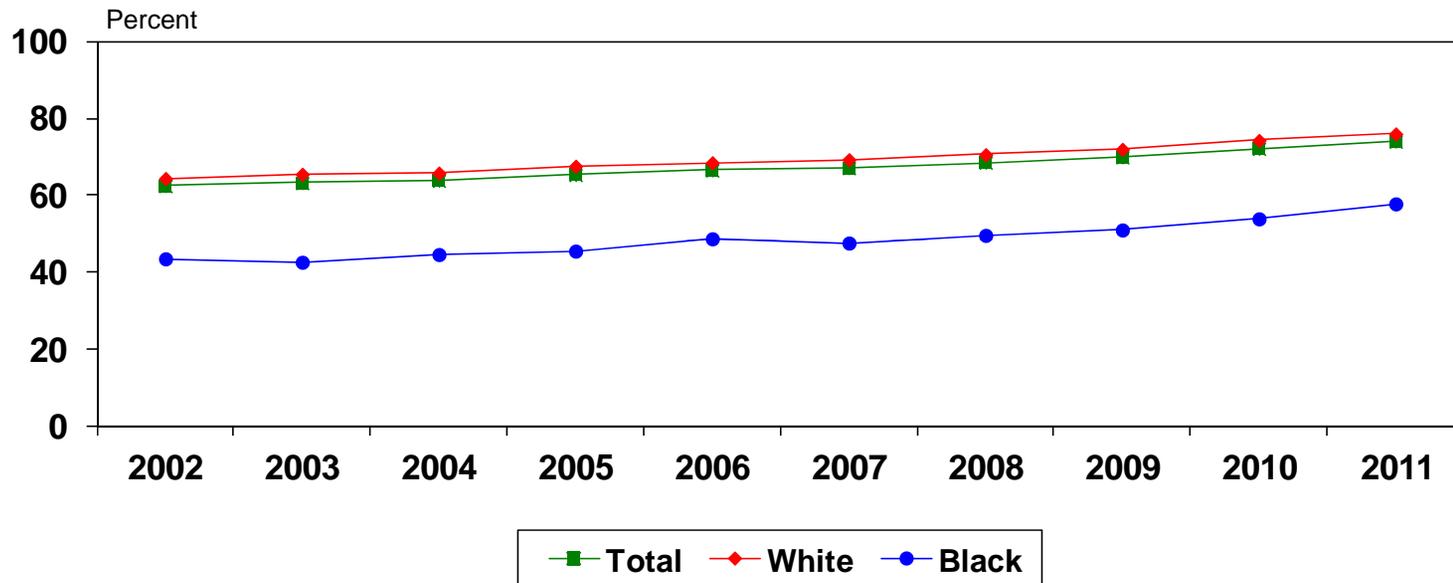
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Adequate Plus	31.6	31.4	31.4	32.0	28.2	28.4	26.7	26.6	26.3	27.3
Adequate	32.6	32.6	32.5	31.3	31.1	27.7	28.6	30.7	30.7	30.4
Intermediate	13.7	14.1	14.3	13.4	14.9	10.9	11.7	11.3	12.7	13.2
Inadequate	19.8	19.7	19.4	21.3	22.5	29.3	28.0	27.1	26.9	26.0
No Care	2.4	2.1	2.4	2.1	3.3	3.8	5.1	4.3	3.4	3.1

*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not 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, 2014

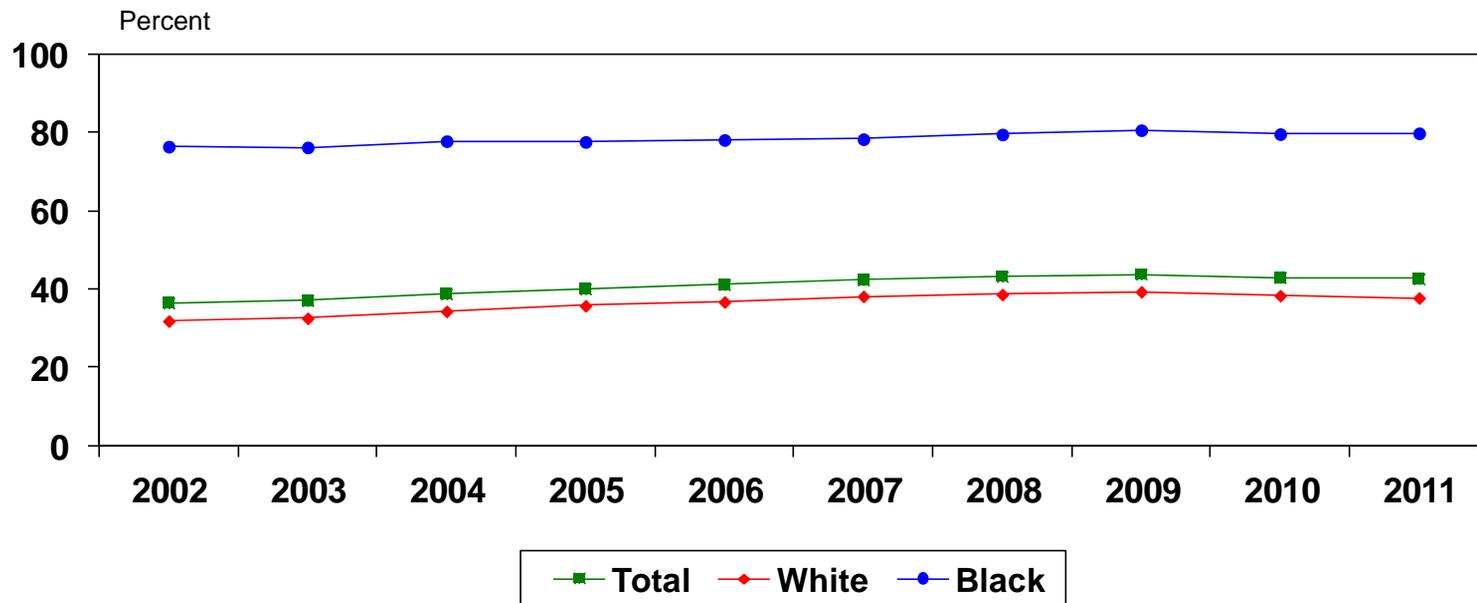
Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Race Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	62.4	63.2	63.8	65.3	66.5	67.1	68.5	69.9	72.1	74.0
White	64.4	65.5	65.8	67.6	68.5	69.3	70.6	72.0	74.3	76.0
Black	43.5	42.6	44.6	45.5	48.7	47.6	49.6	51.0	53.9	57.8

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

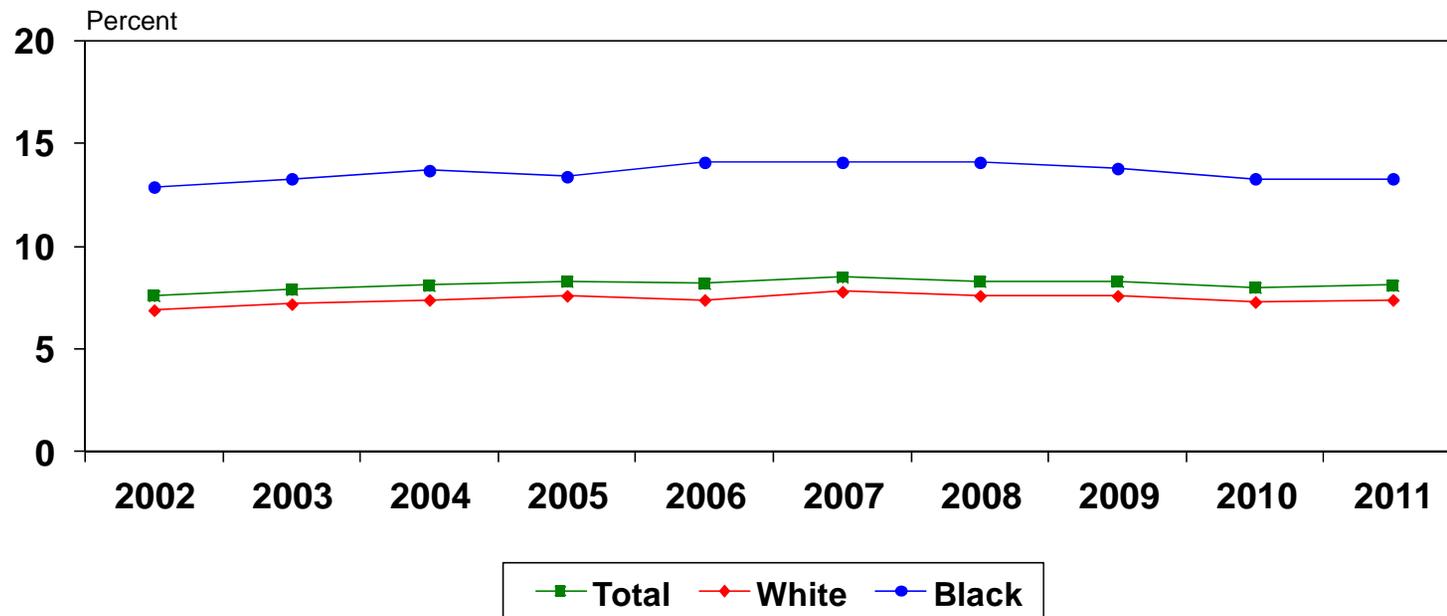
Percent of Live Births to Unmarried Mothers by Race of Mother Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	36.5	37.1	38.8	40.1	41.2	42.4	43.3	43.9	43.0	42.7
White	31.9	32.6	34.4	35.8	36.8	38.2	38.7	39.4	38.4	37.8
Black	76.5	76.3	77.9	77.7	78.2	78.4	79.6	80.7	79.7	79.9

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Low Birthweight Infants by Race of Mother Indiana Residents, 2002-2011

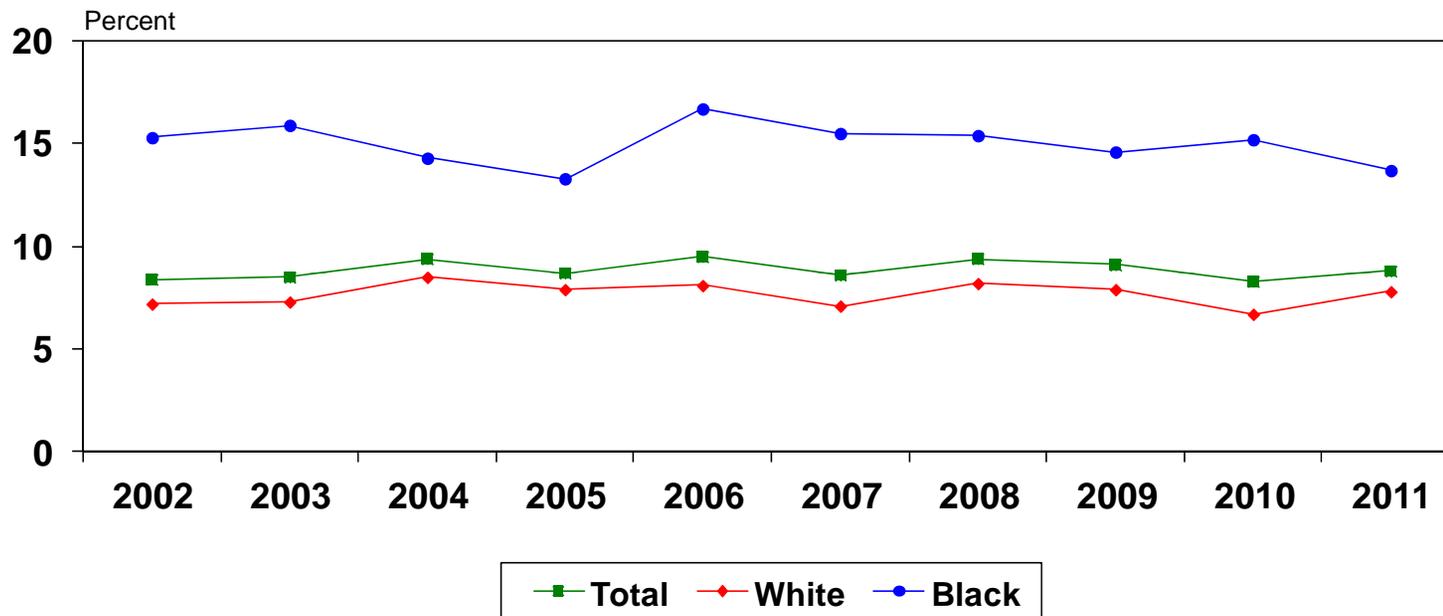


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	7.6	7.9	8.1	8.3	8.2	8.5	8.3	8.3	8.0	8.1
White	6.9	7.2	7.4	7.6	7.4	7.8	7.6	7.6	7.3	7.4
Black	12.9	13.3	13.7	13.4	14.1	14.1	14.1	13.8	13.3	13.3

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Low Birthweight Infants by Race of Mother Allen County Residents, 2002-2011

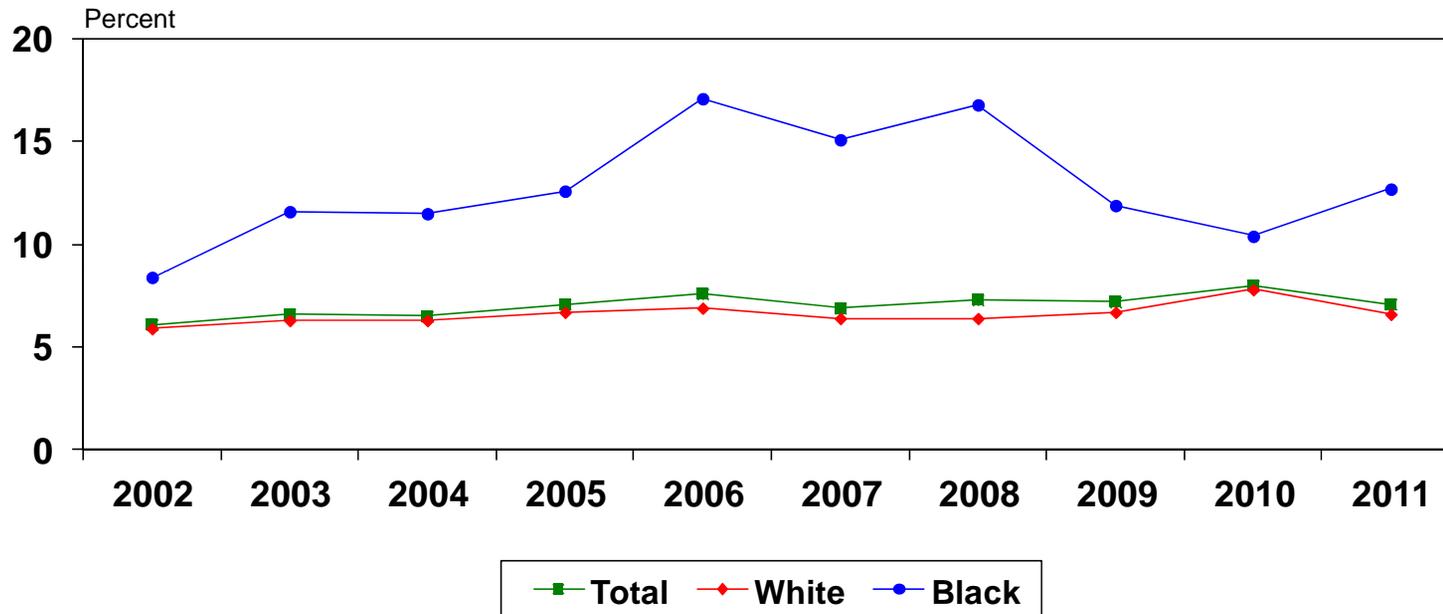


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	8.4	8.5	9.4	8.7	9.5	8.6	9.4	9.1	8.3	8.8
White	7.2	7.3	8.5	7.9	8.1	7.1	8.2	7.9	6.7	7.8
Black	15.3	15.9	14.3	13.3	16.7	15.5	15.4	14.6	15.2	13.7

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Low Birthweight Infants by Race of Mother Elkhart County Residents, 2002-2011



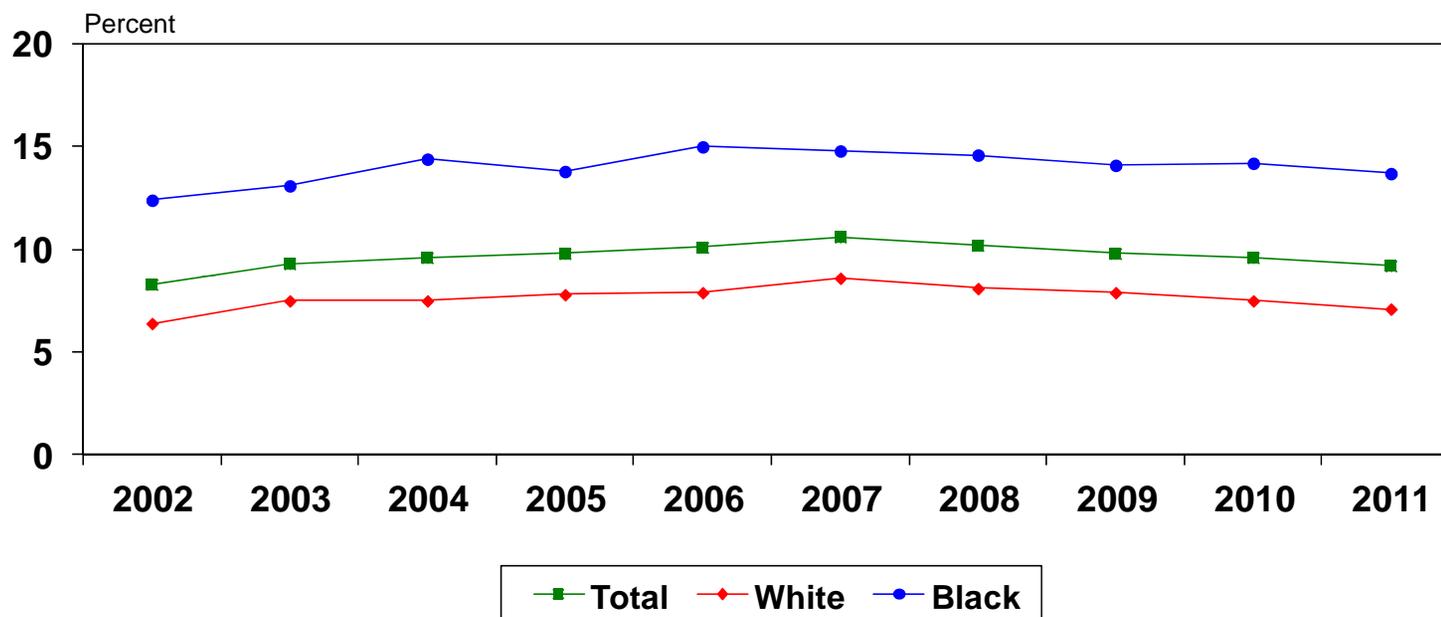
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	6.1	6.6	6.5	7.1	7.6	6.9	7.3	7.2	8.0	7.1
White	5.9	6.3	6.3	6.7	6.9	6.4	6.4	6.7	7.8	6.6
Black	8.4*	11.6	11.5	12.6	17.1	15.1	16.8	11.9	10.4	12.7

*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, 2014

Percent of Low Birthweight Infants by Race of Mother Lake County Residents, 2002-2011

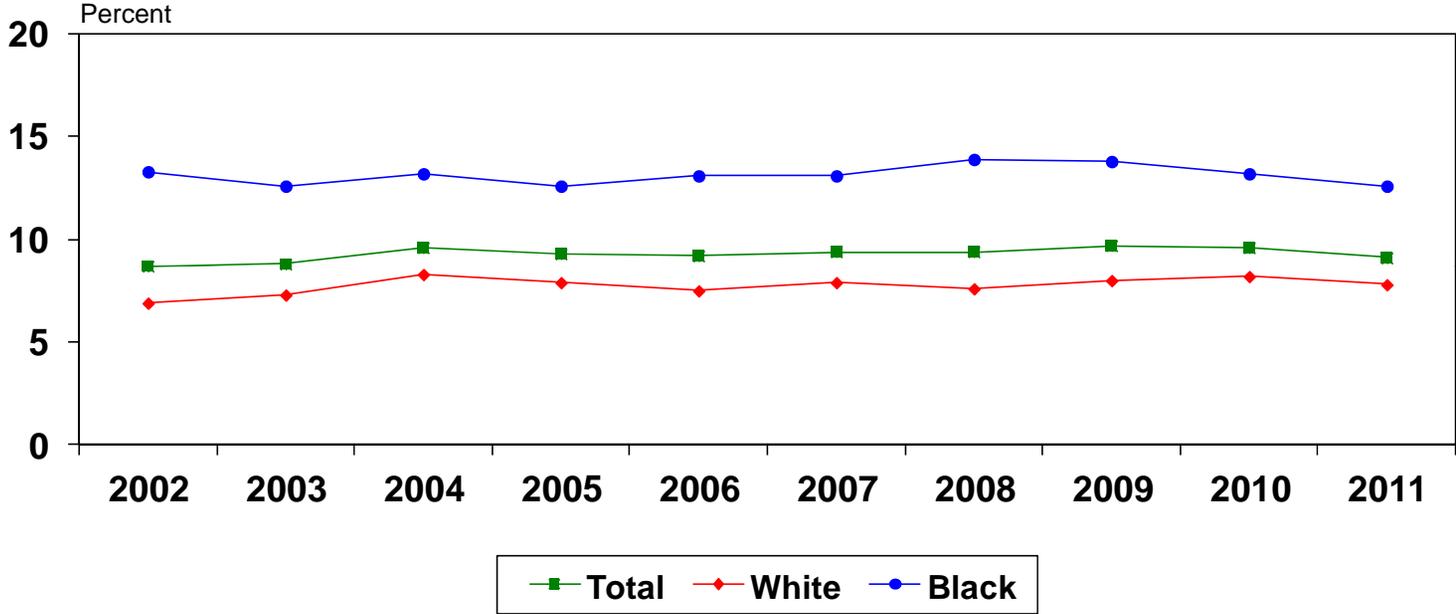


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	8.3	9.3	9.6	9.8	10.1	10.6	10.2	9.8	9.6	9.2
White	6.4	7.5	7.5	7.8	7.9	8.6	8.1	7.9	7.5	7.1
Black	12.4	13.1	14.4	13.8	15.0	14.8	14.6	14.1	14.2	13.7

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Low Birthweight Infants by Race of Mother Marion County Residents, 2002-2011

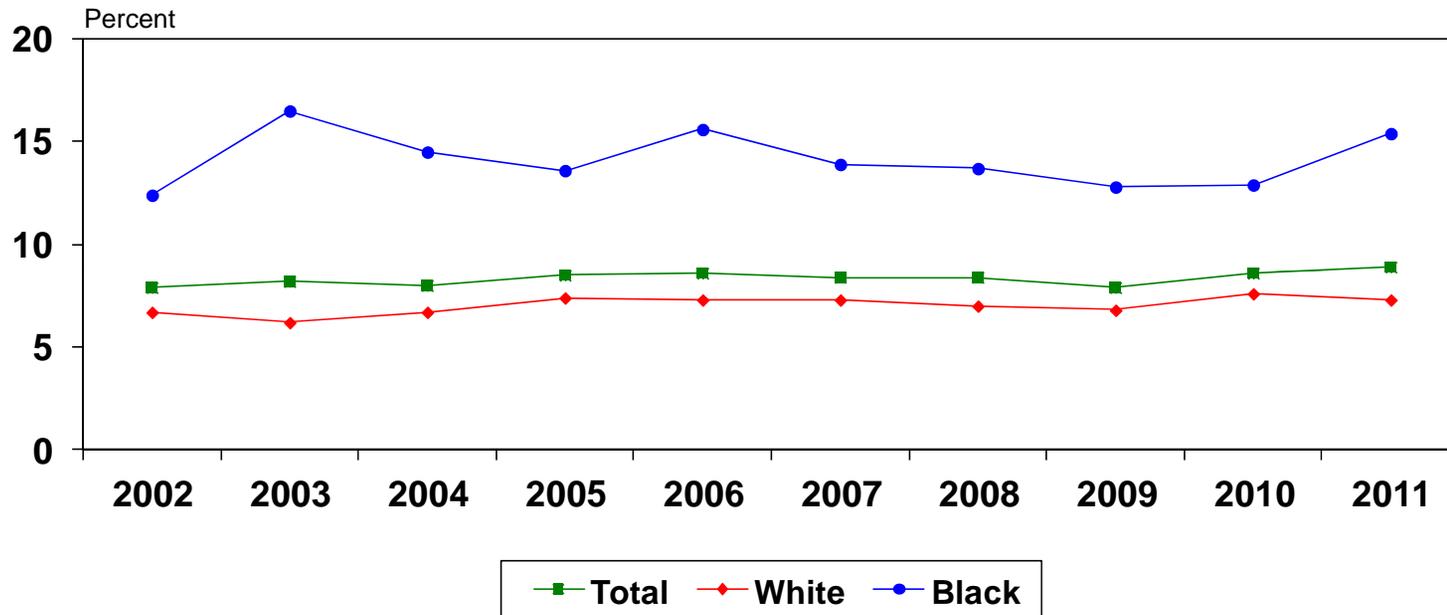


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	8.7	8.8	9.6	9.3	9.2	9.4	9.4	9.7	9.6	9.1
White	6.9	7.3	8.3	7.9	7.5	7.9	7.6	8.0	8.2	7.8
Black	13.3	12.6	13.2	12.6	13.1	13.1	13.9	13.8	13.2	12.6

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).
 Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Low Birthweight Infants by Race of Mother

St. Joseph County Residents, 2002-2011



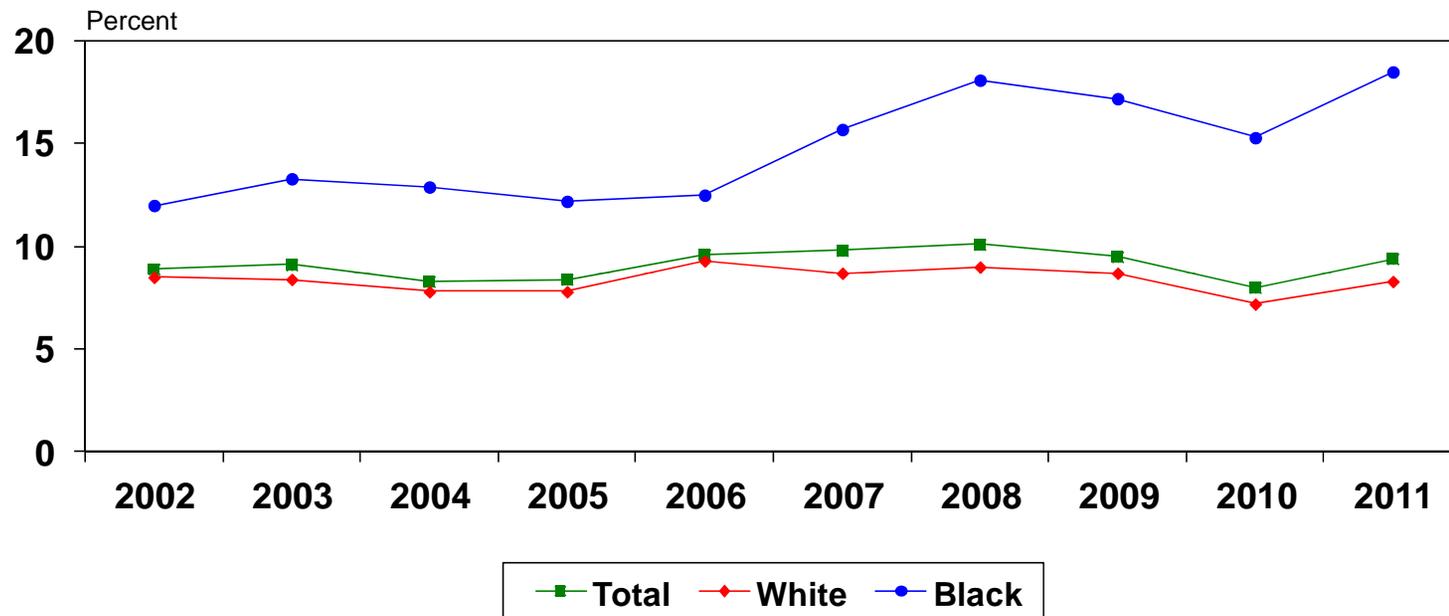
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	7.9	8.2	8.0	8.5	8.6	8.4	8.4	7.9	8.6	8.9
White	6.7	6.2	6.7	7.4	7.3	7.3	7.0	6.8	7.6	7.3
Black	12.4	16.5	14.5	13.6	15.6	13.9	13.7	12.8	12.9	15.4

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Low Birthweight Infants by Race of Mother

Vanderburgh County Residents, 2002-2011

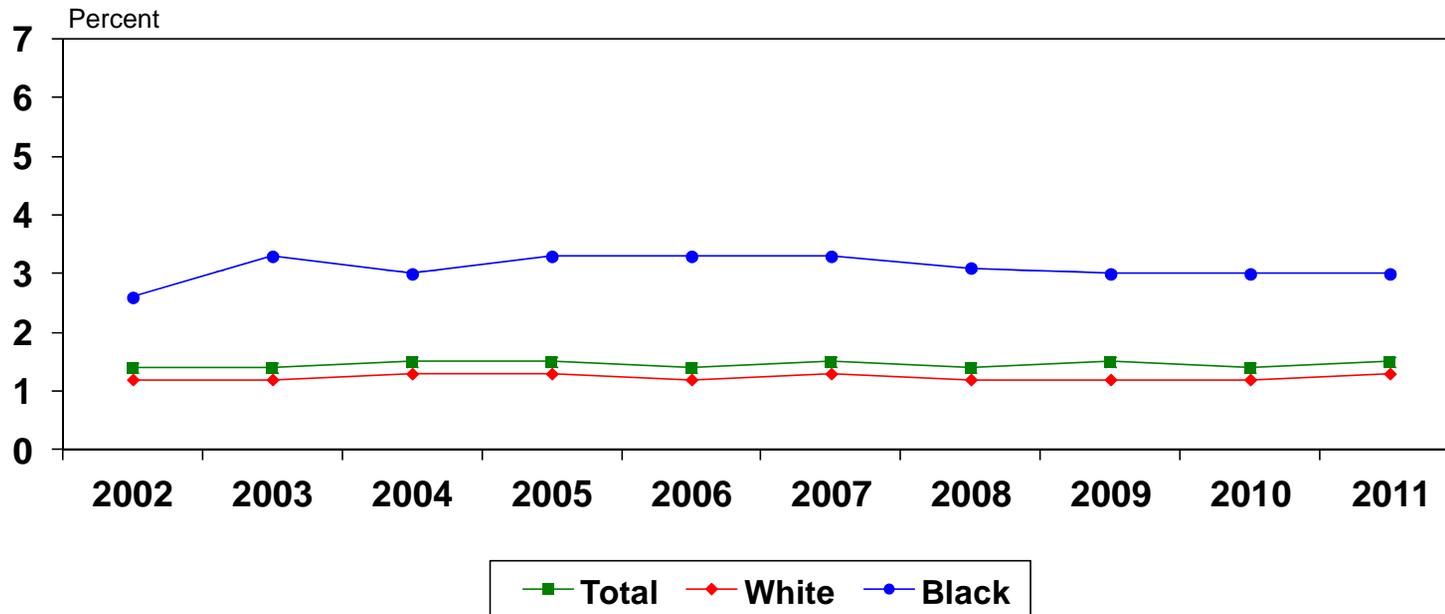


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	8.9	9.1	8.3	8.4	9.6	9.8	10.1	9.5	8.0	9.4
White	8.5	8.4	7.8	7.8	9.3	8.7	9.0	8.7	7.2	8.3
Black	12.0	13.3	12.9	12.2	12.5	15.7	18.1	17.2	15.3	18.5

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Very Low Birthweight Infants by Race of Mother Indiana Residents, 2002-2011

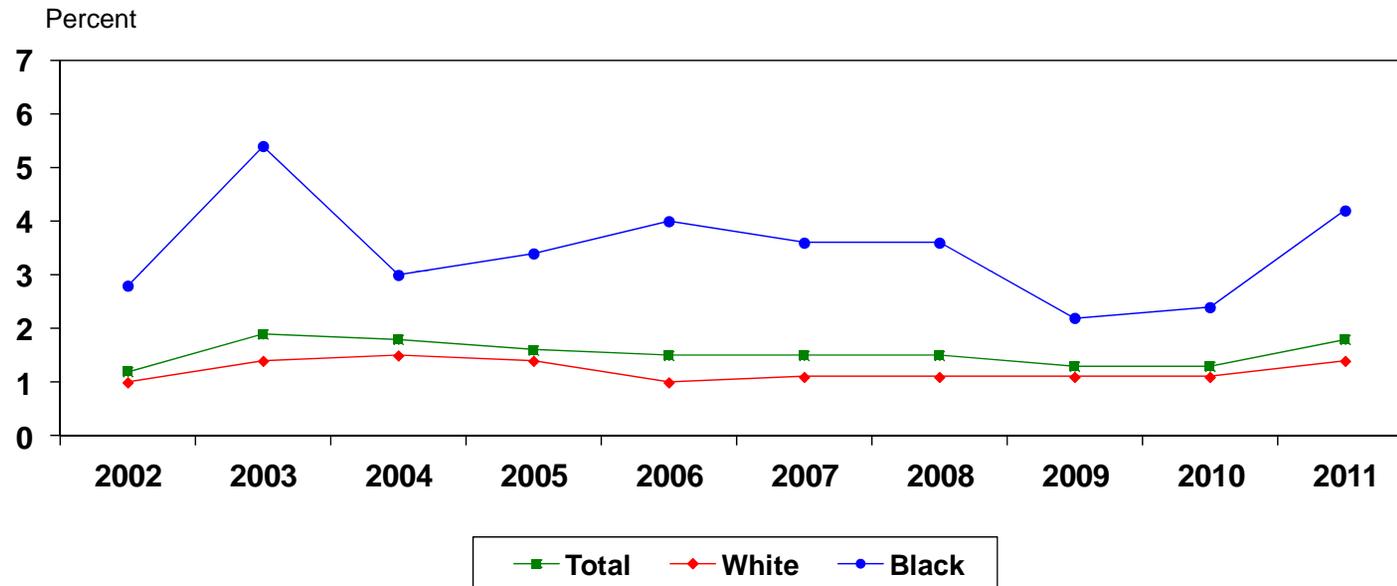


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.5	1.4	1.5
White	1.2	1.2	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.3
Black	2.6	3.3	3.0	3.3	3.3	3.3	3.1	3.0	3.0	3.0

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Very Low Birthweight Infants by Race of Mother Allen County Residents, 2002-2011



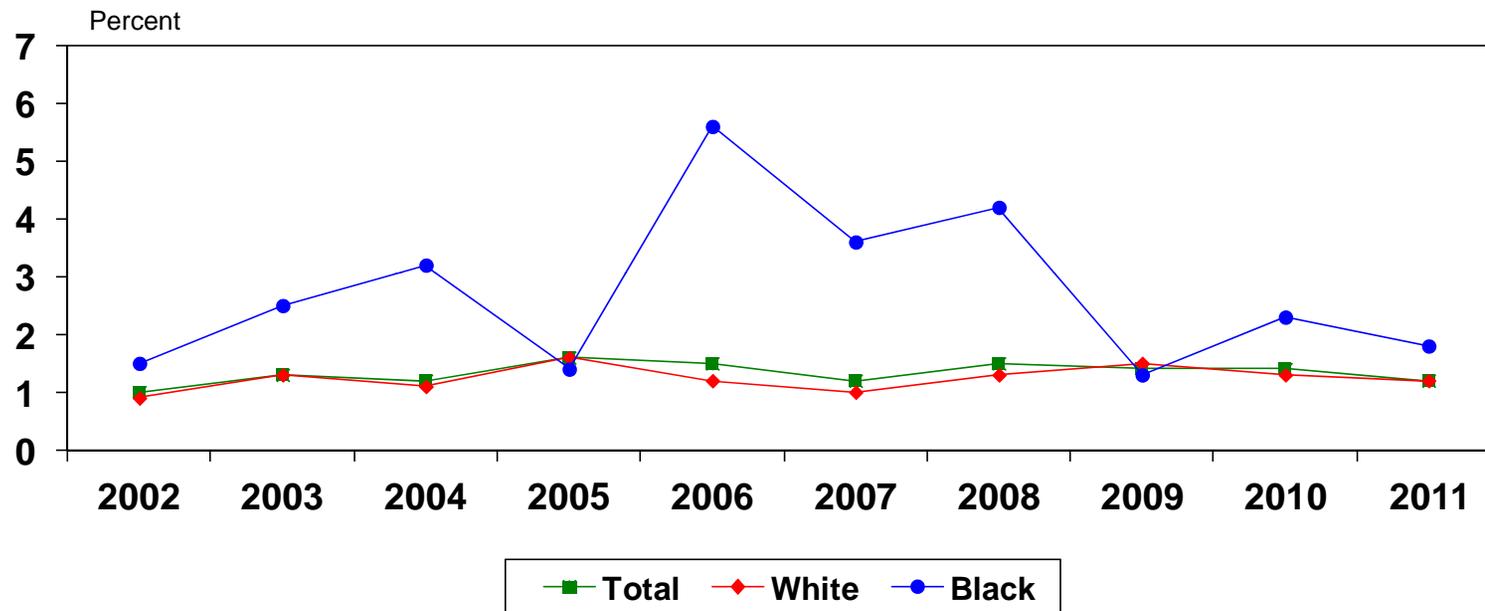
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	1.2	1.9	1.8	1.6	1.5	1.5	1.5	1.3	1.3	1.8
White	1.0	1.4	1.5	1.4	1.0	1.1	1.1	1.1	1.1	1.4
Black	2.8	5.4	3.0	3.4	4.0	3.6	3.6	2.2*	2.4	4.2

*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, 2014

Percent of Very Low Birthweight Infants by Race of Mother Elkhart County Residents, 2002-2011



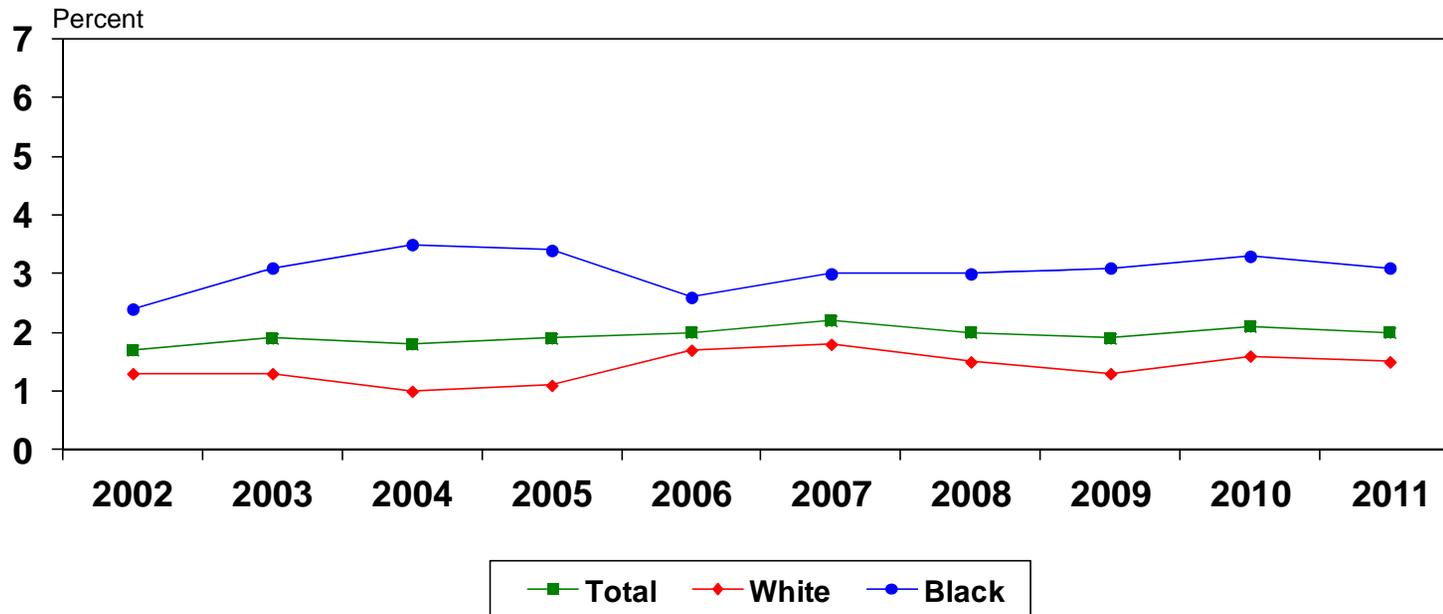
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	1.0	1.3	1.2	1.6	1.5	1.2	1.5	1.4	1.4	1.2
White	0.9	1.3	1.1	1.6	1.2	1.0	1.3	1.5	1.3	1.2
Black	1.5*	2.5*	3.2*	1.4*	5.6*	3.6*	4.2*	1.3*	2.3*	1.8*

*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, 2014

Percent of Very Low Birthweight Infants by Race of Mother Lake County Residents, 2002-2011

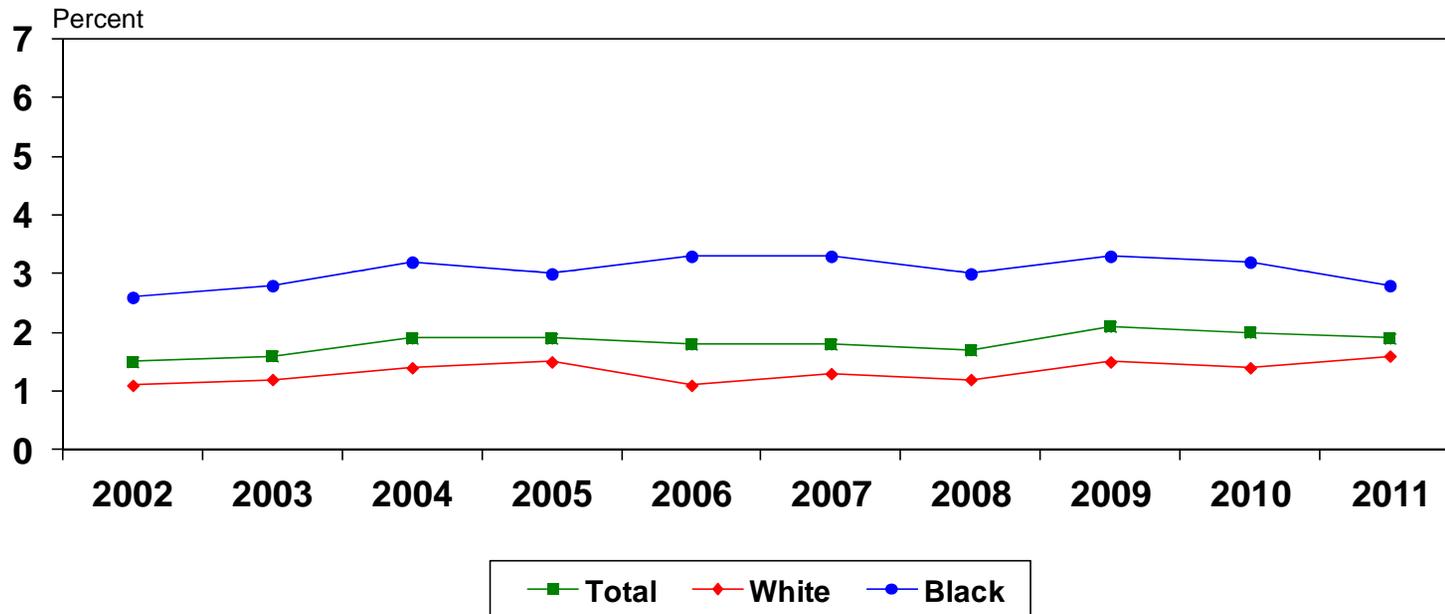


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	1.7	1.9	1.8	1.9	2.0	2.2	2.0	1.9	2.1	2.0
White	1.3	1.3	1.0	1.1	1.7	1.8	1.5	1.3	1.6	1.5
Black	2.4	3.1	3.5	3.4	2.6	3.0	3.0	3.1	3.3	3.1

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Very Low Birthweight Infants by Race of Mother Marion County Residents, 2002-2011

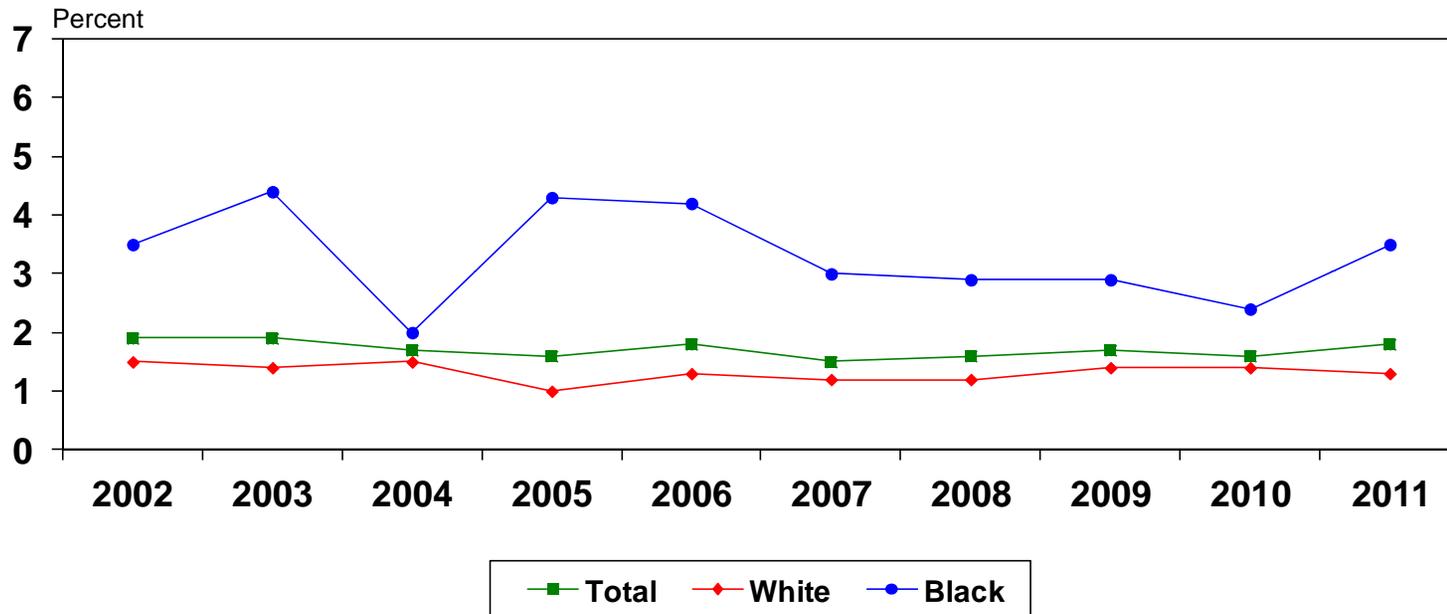


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	1.5	1.6	1.9	1.9	1.8	1.8	1.7	2.1	2.0	1.9
White	1.1	1.2	1.4	1.5	1.1	1.3	1.2	1.5	1.4	1.6
Black	2.6	2.8	3.2	3.0	3.3	3.3	3.0	3.3	3.2	2.8

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Very Low Birthweight Infants by Race of Mother St. Joseph County Residents, 2002-2011



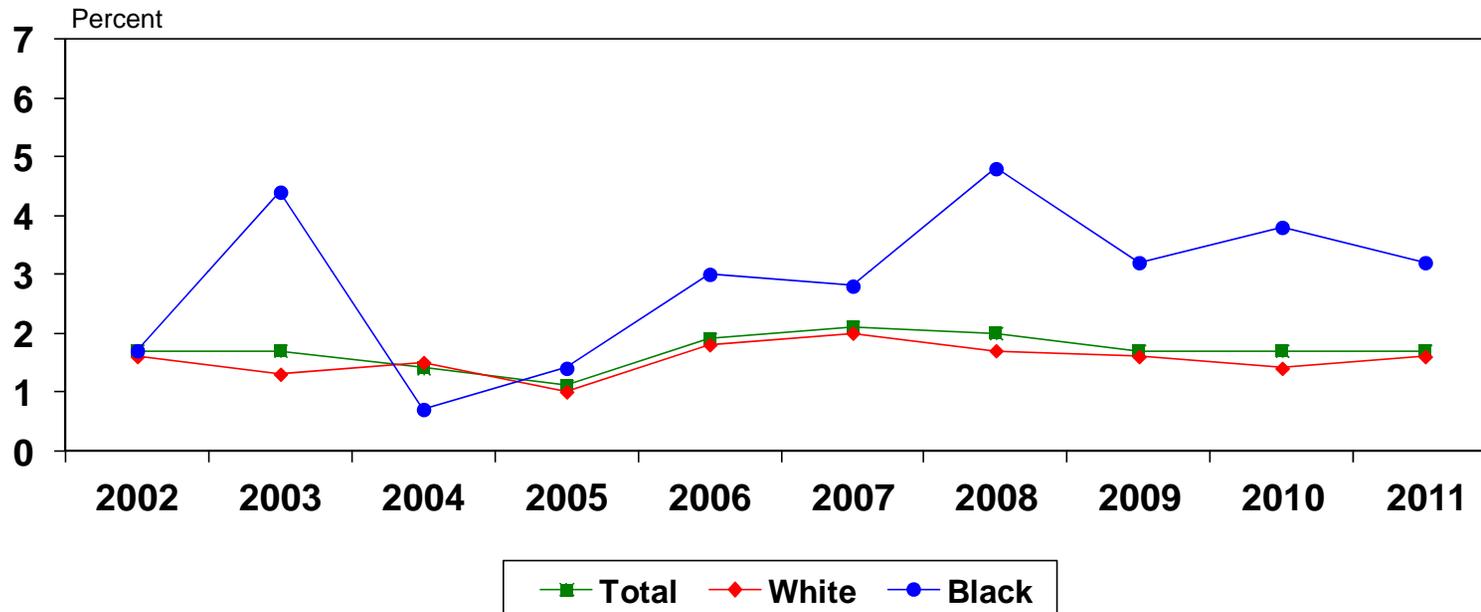
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	1.9	1.9	1.7	1.6	1.8	1.5	1.6	1.7	1.6	1.8
White	1.5	1.4	1.5	1.0	1.3	1.2	1.2	1.4	1.4	1.3
Black	3.5	4.4	2.0*	4.3	4.2	3.0	2.9	2.9	2.4*	3.5

*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, 2014

Percent of Very Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 2002-2011



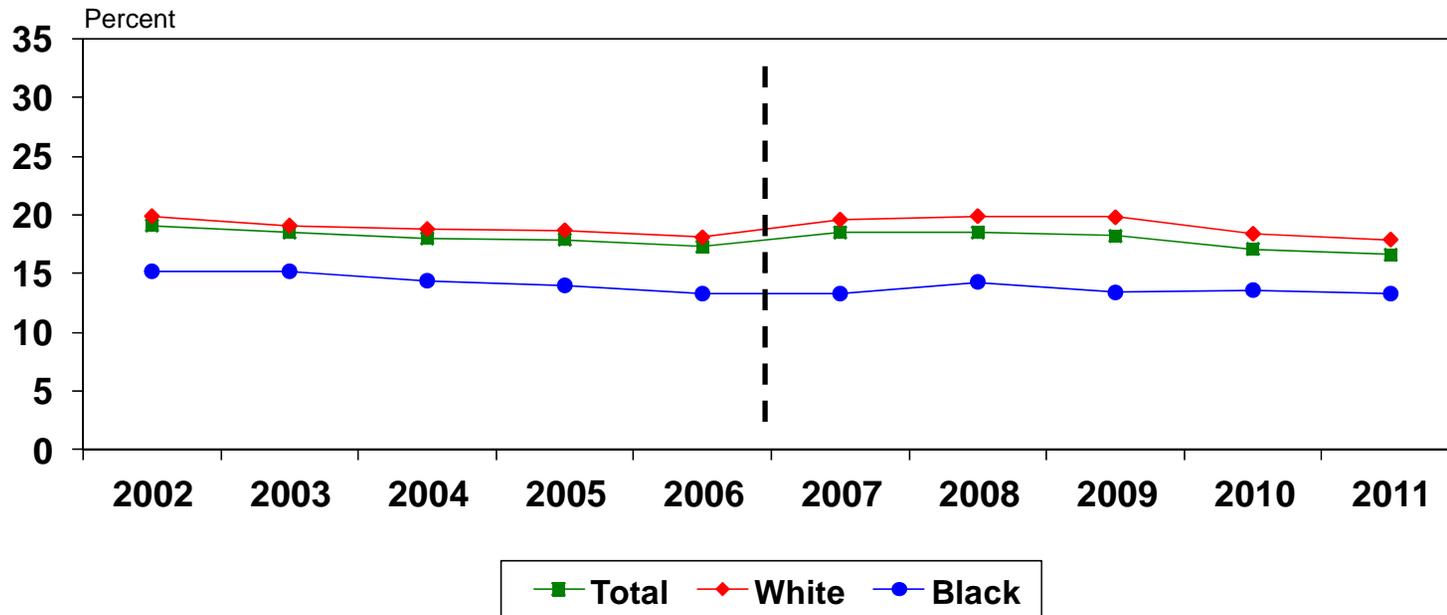
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	1.7	1.7	1.4	1.1	1.9	2.1	2.0	1.7	1.7	1.7
White	1.6	1.3	1.5	1.0	1.8	2.0	1.7	1.6	1.4	1.6
Black	1.7*	4.4*	0.7*	1.4*	3.0*	2.8*	4.8*	3.2*	3.8*	3.2*

*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, 2014

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Indiana Residents, 2002-2011

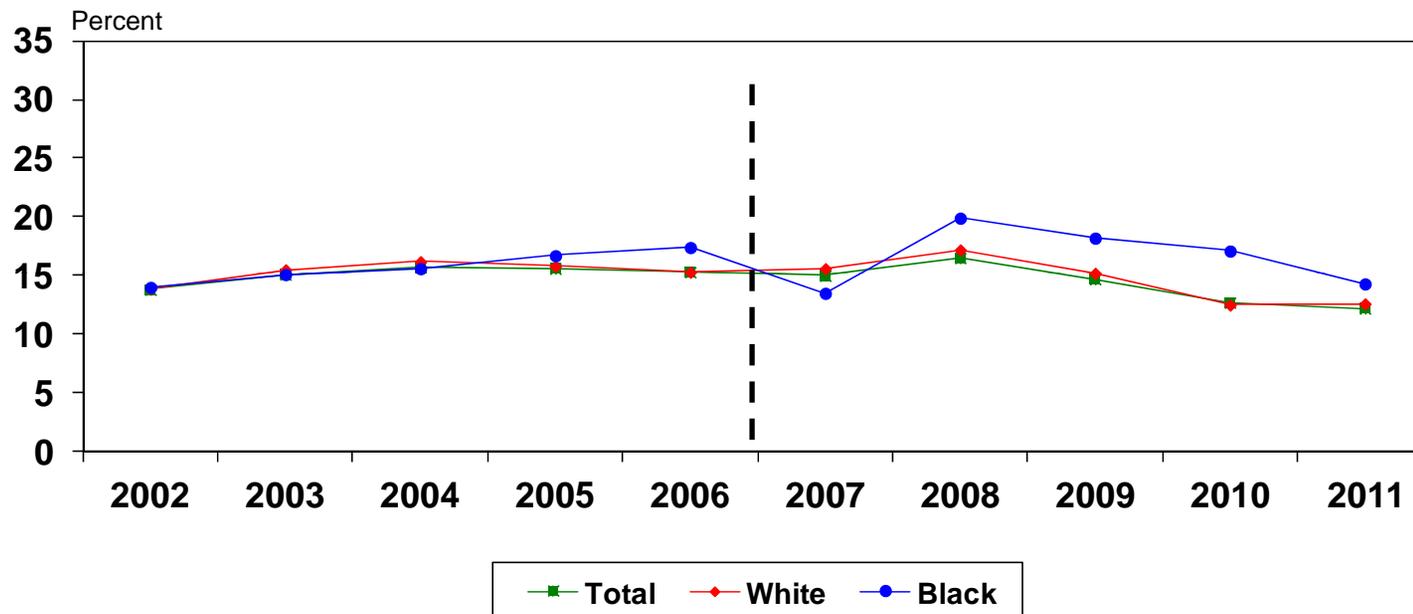


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	19.1	18.5	18.0	17.9	17.3	18.5	18.5	18.2	17.1	16.6
White	19.9	19.1	18.8	18.7	18.1	19.6	19.9	19.8	18.4	17.9
Black	15.2	15.2	14.4	14.0	13.3	13.3	14.3	13.4	13.6	13.3

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Allen County Residents, 2002-2011

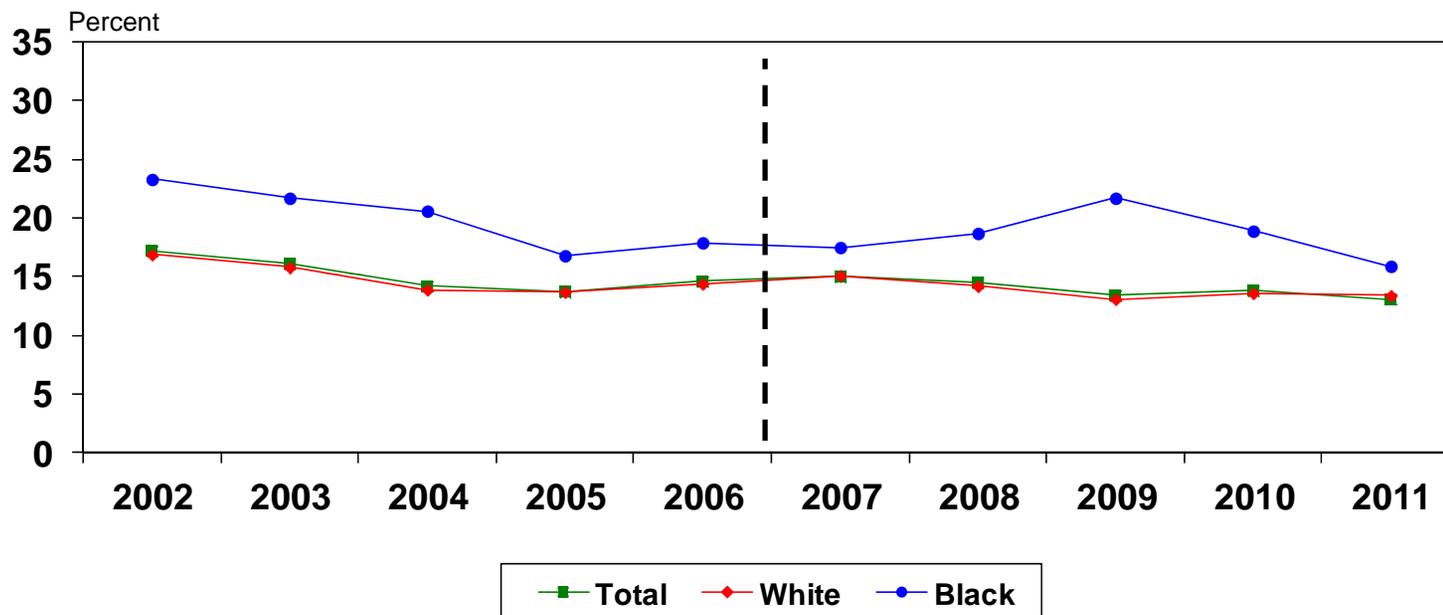


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	13.8	15.1	15.7	15.6	15.3	15.0	16.5	14.7	12.7	12.2
White	13.9	15.5	16.2	15.8	15.3	15.6	17.2	15.2	12.5	12.6
Black	14.0	15.1	15.6	16.7	17.4	13.5	19.9	18.2	17.1	14.3

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

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

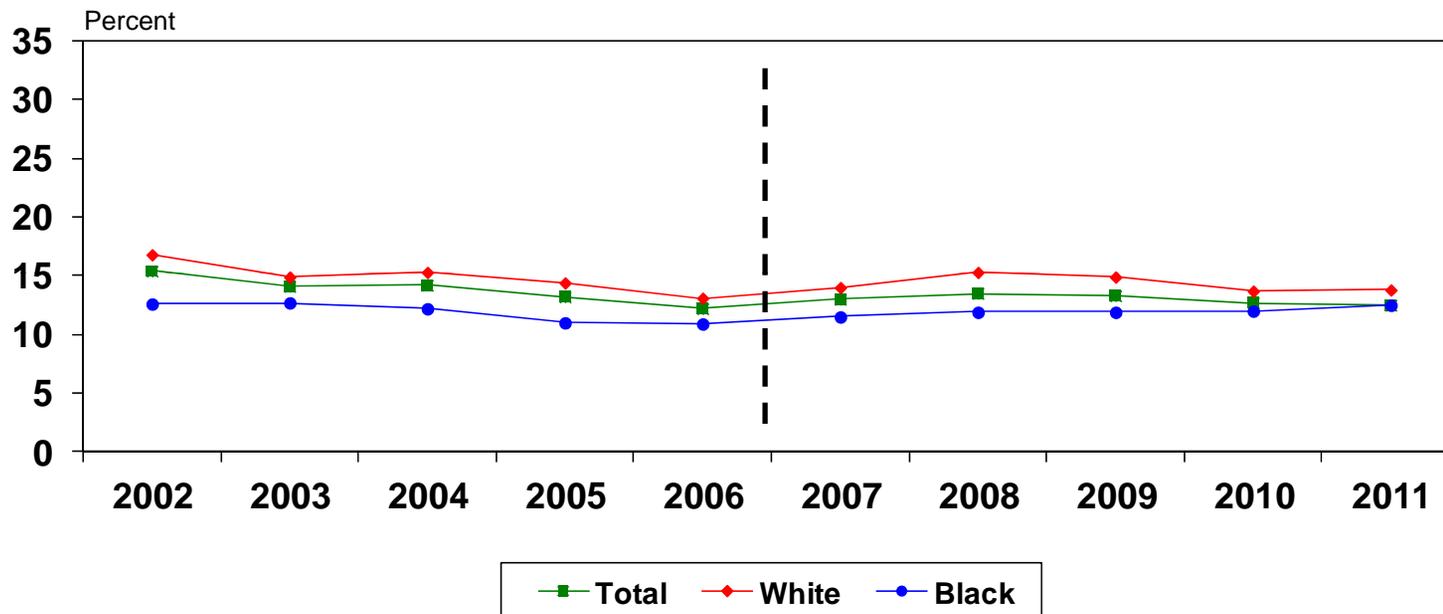


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	17.2	16.1	14.2	13.7	14.6	15.0	14.5	13.4	13.8	13.1
White	16.9	15.8	13.9	13.7	14.4	15.1	14.2	13.1	13.6	13.4
Black	23.3	21.7	20.6	16.8	17.9	17.5	18.7	21.7	18.9	15.9

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Lake County Residents, 2002-2011

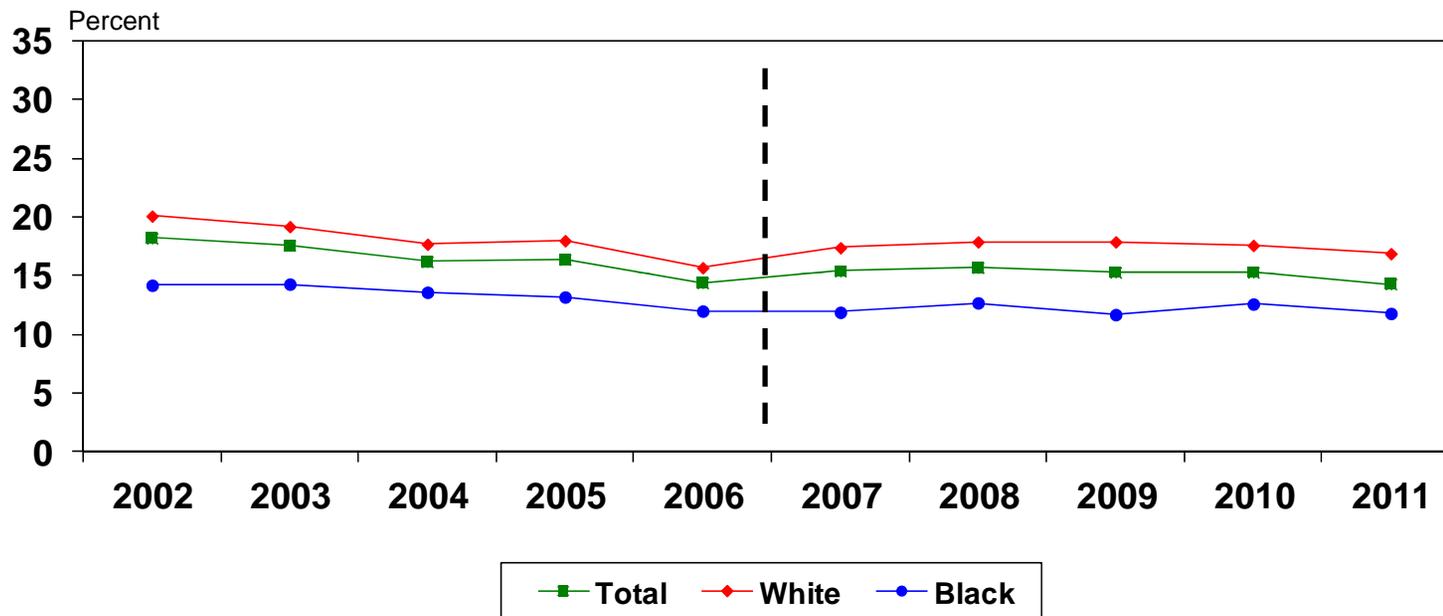


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	15.4	14.1	14.2	13.2	12.2	13.0	13.5	13.3	12.7	12.5
White	16.8	14.9	15.3	14.4	13.1	14.0	15.3	14.9	13.7	13.8
Black	12.6	12.7	12.2	11.0	10.9	11.5	11.9	11.9	12.0	12.5

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Marion County Residents, 2002-2011



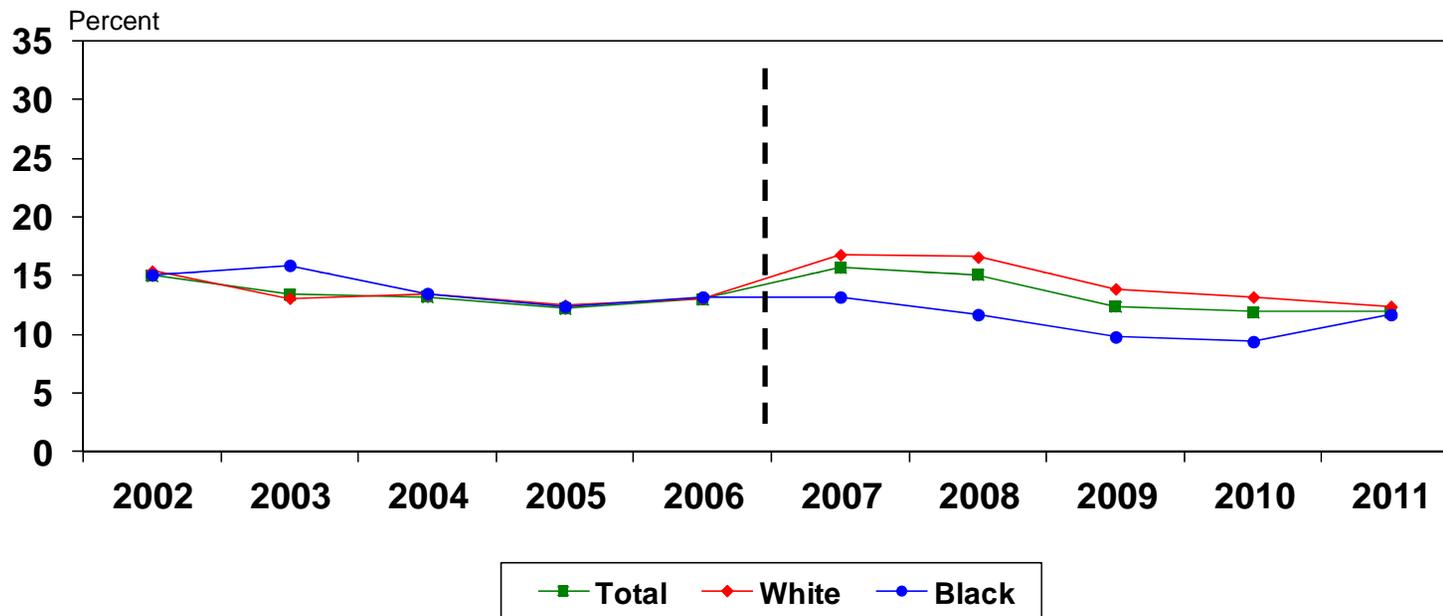
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	18.2	17.6	16.2	16.4	14.4	15.4	15.7	15.3	15.3	14.3
White	20.1	19.2	17.7	18.0	15.7	17.4	17.9	17.9	17.6	16.9
Black	14.2	14.3	13.6	13.2	12.0	11.9	12.7	11.7	12.6	11.8

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

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

St. Joseph County Residents, 2002-2011

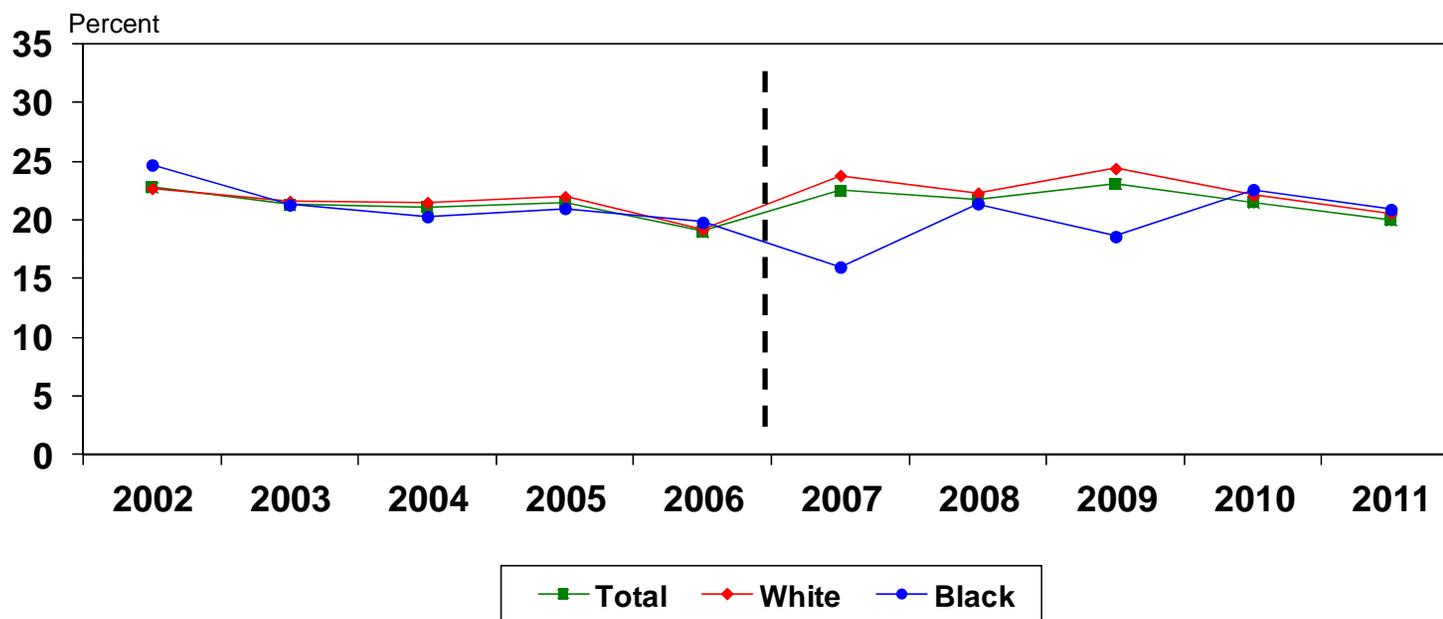


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	15.0	13.4	13.2	12.2	13.0	15.7	15.1	12.4	11.9	11.9
White	15.4	13.1	13.4	12.5	13.1	16.8	16.6	13.9	13.2	12.4
Black	15.1	15.9	13.5	12.4	13.2	13.2	11.7	9.8	9.4	11.7

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Vanderburgh County Residents, 2002-2011

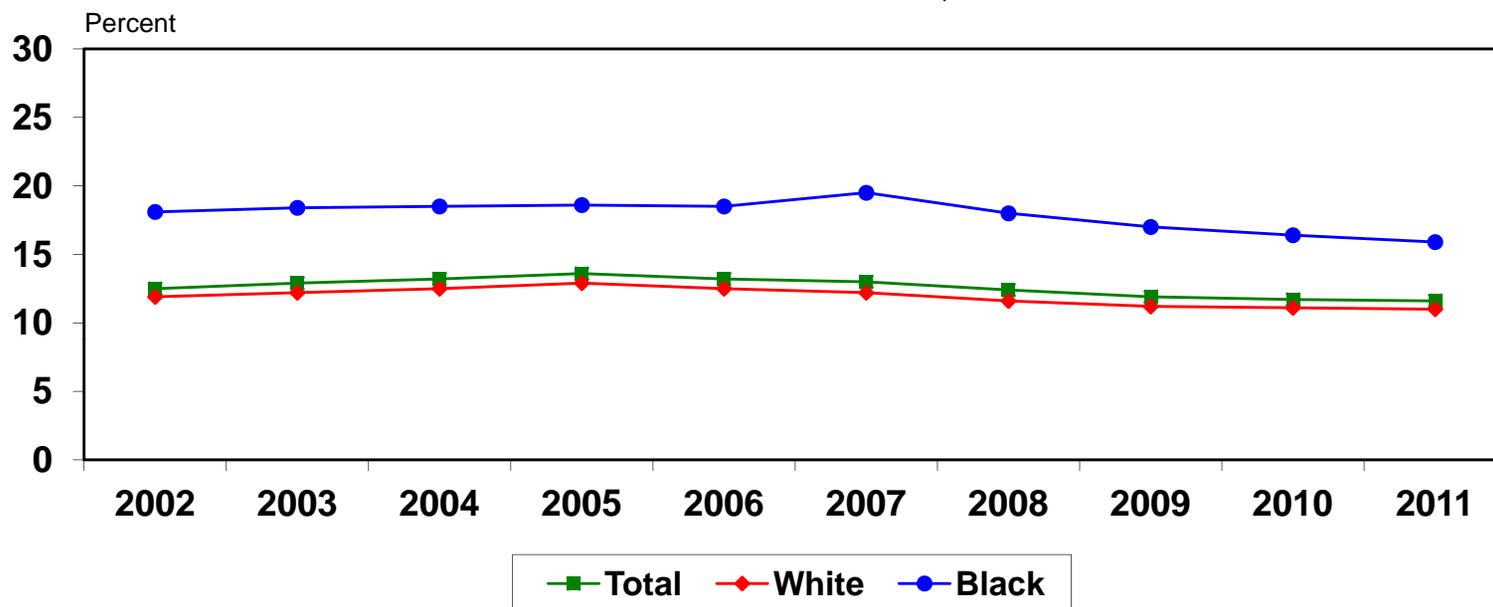


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	22.8	21.3	21.1	21.5	19.0	22.5	21.7	23.1	21.5	20.0
White	22.7	21.6	21.5	22.0	19.2	23.8	22.3	24.4	22.1	20.6
Black	24.7	21.3	20.3	21.0	19.8	16.0	21.4	18.6	22.6	20.9

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Preterm Births** by Race of Mother Indiana Residents, 2002-2011



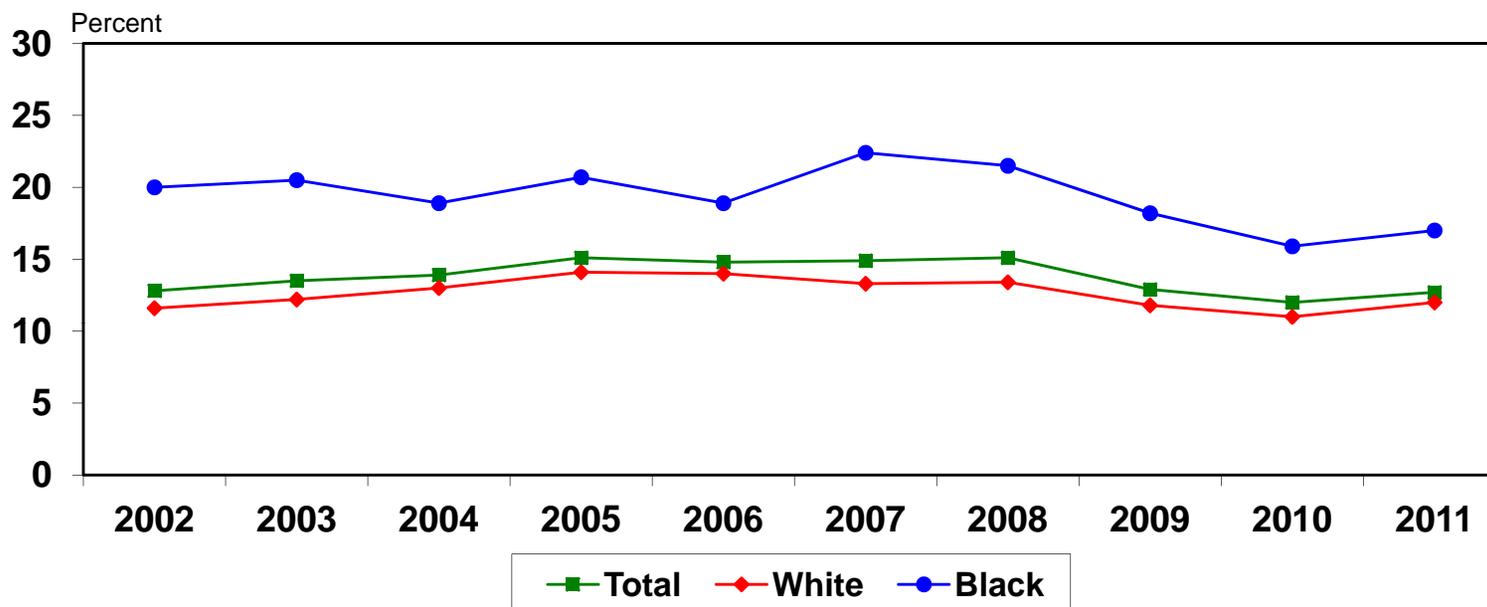
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	12.5	12.9	13.2	13.6	13.2	13.0	12.4	11.9	11.7	11.6
White	11.9	12.2	12.5	12.9	12.5	12.2	11.6	11.2	11.1	11.0
Black	18.1	18.4	18.5	18.6	18.5	19.5	18.0	17.0	16.4	15.9

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2011 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, 2014

Percent of Preterm Births** by Race of Mother Allen County Residents, 2002-2011



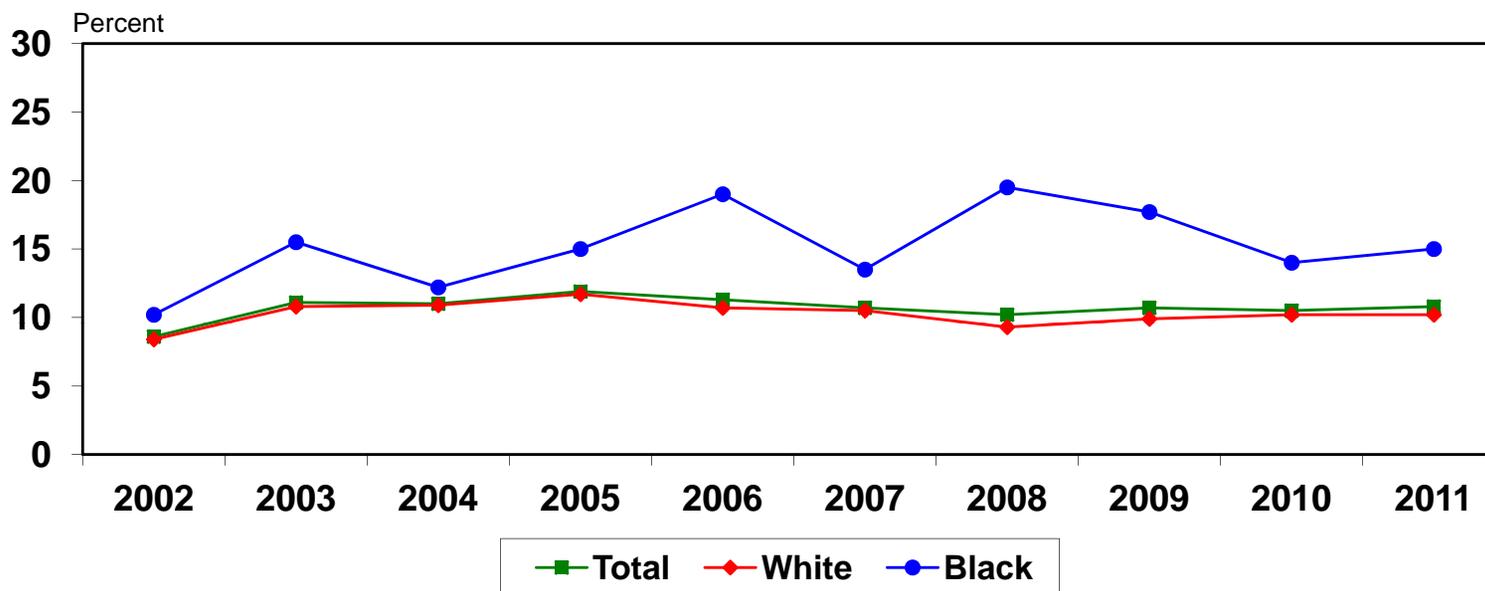
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	12.8	13.5	13.9	15.1	14.8	14.9	15.1	12.9	12.0	12.7
White	11.6	12.2	13.0	14.1	14.0	13.3	13.4	11.8	11.0	12.0
Black	20.0	20.5	18.9	20.7	18.9	22.4	21.5	18.2	15.9	17.0

**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 2011 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, 2014

Percent of Preterm Births** by Race of Mother Elkhart County Residents, 2002-2011



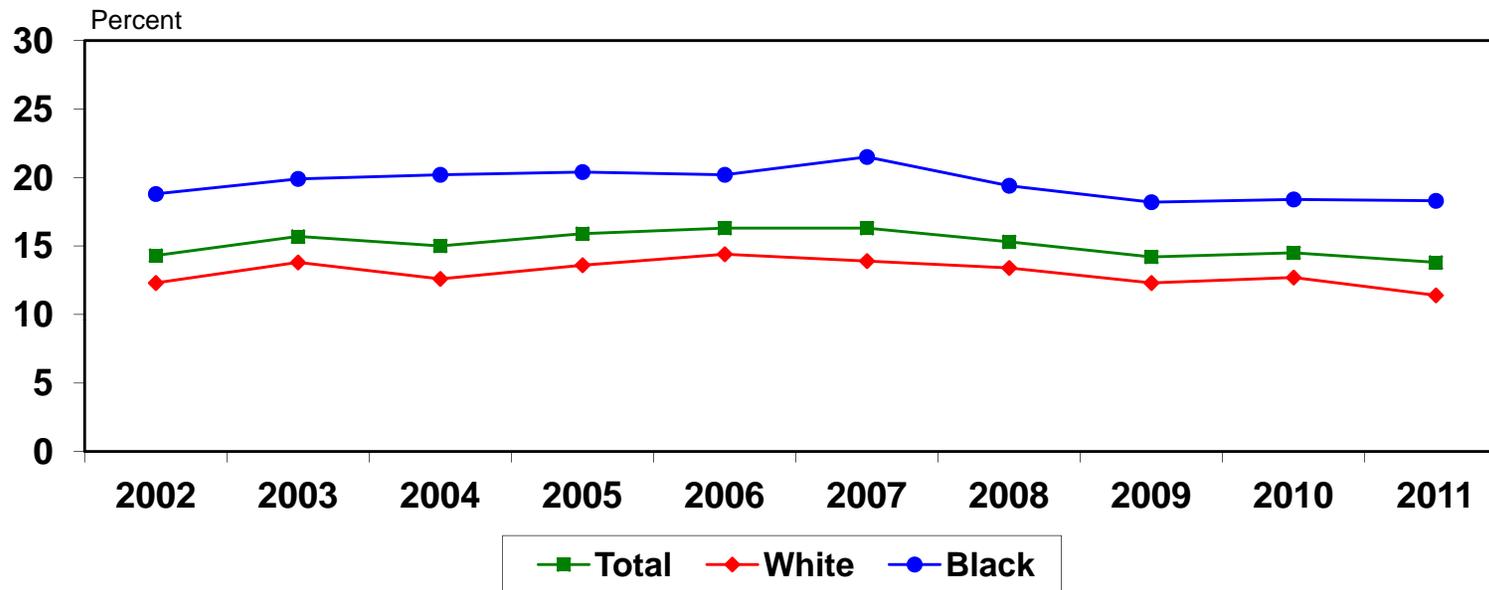
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	8.6	11.1	11.0	11.9	11.3	10.7	10.2	10.7	10.5	10.8
White	8.4	10.8	10.9	11.7	10.7	10.5	9.3	9.9	10.2	10.2
Black	10.2	15.5	12.2	15.0	19.0	13.5	19.5	17.7	14.0	15.0

**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 2011 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, 2014

Percent of Preterm Births** by Race of Mother Lake County Residents, 2002-2011



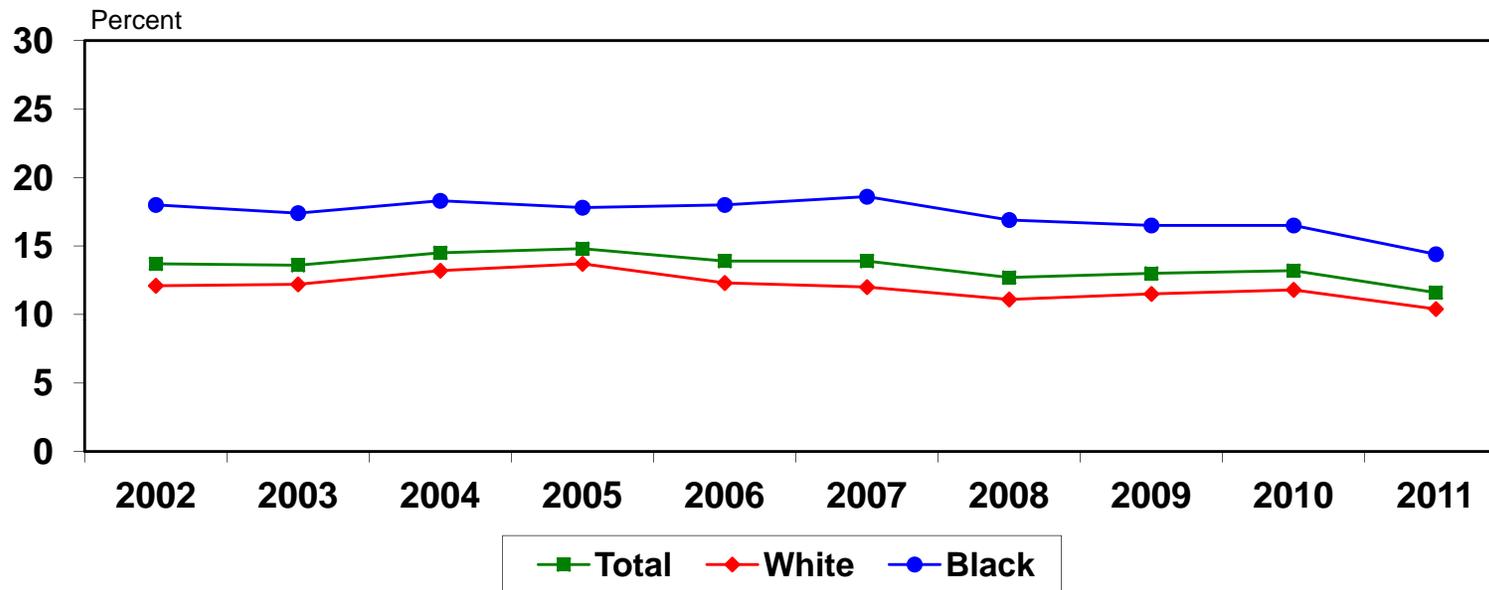
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	14.3	15.7	15.0	15.9	16.3	16.3	15.3	14.2	14.5	13.8
White	12.3	13.8	12.6	13.6	14.4	13.9	13.4	12.3	12.7	11.4
Black	18.8	19.9	20.2	20.4	20.2	21.5	19.4	18.2	18.4	18.3

**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 2011 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, 2014

Percent of Preterm Births** by Race of Mother Marion County Residents, 2002-2011



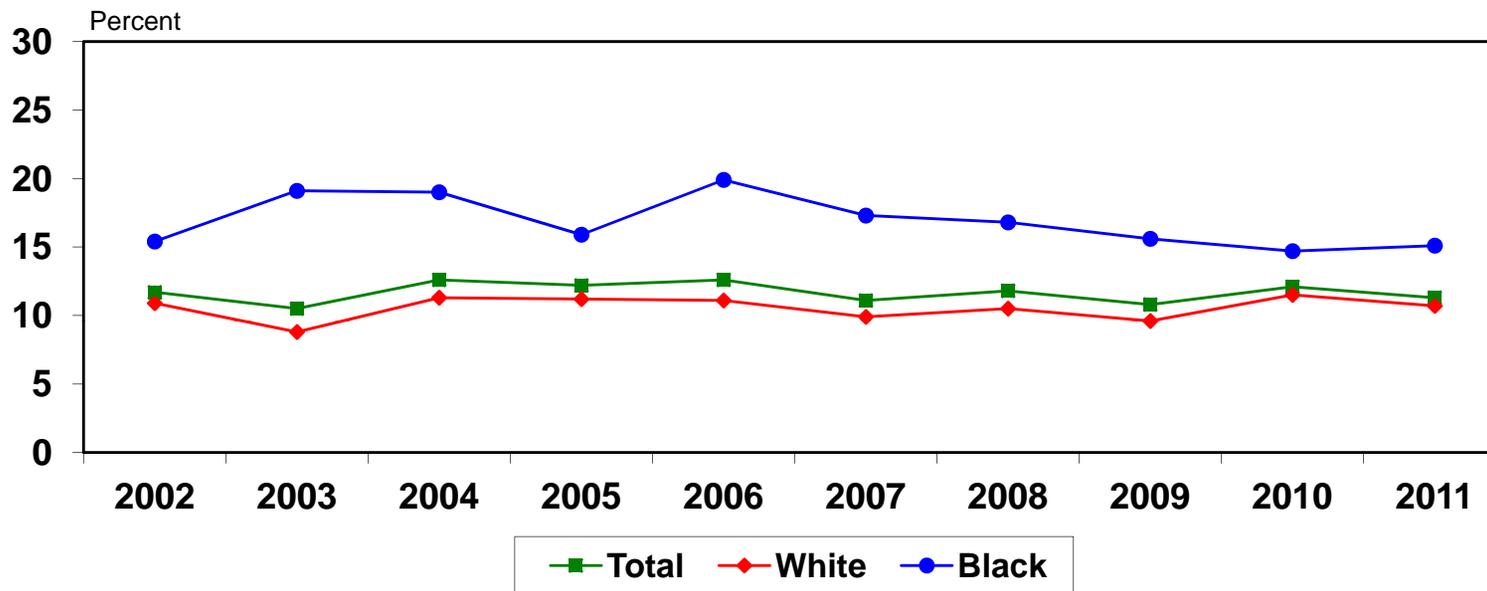
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	13.7	13.6	14.5	14.8	13.9	13.9	12.7	13.0	13.2	11.6
White	12.1	12.2	13.2	13.7	12.3	12.0	11.1	11.5	11.8	10.4
Black	18.0	17.4	18.3	17.8	18.0	18.6	16.9	16.5	16.5	14.4

**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 2011 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, 2014

Percent of Preterm Births** by Race of Mother St. Joseph County Residents, 2002-2011



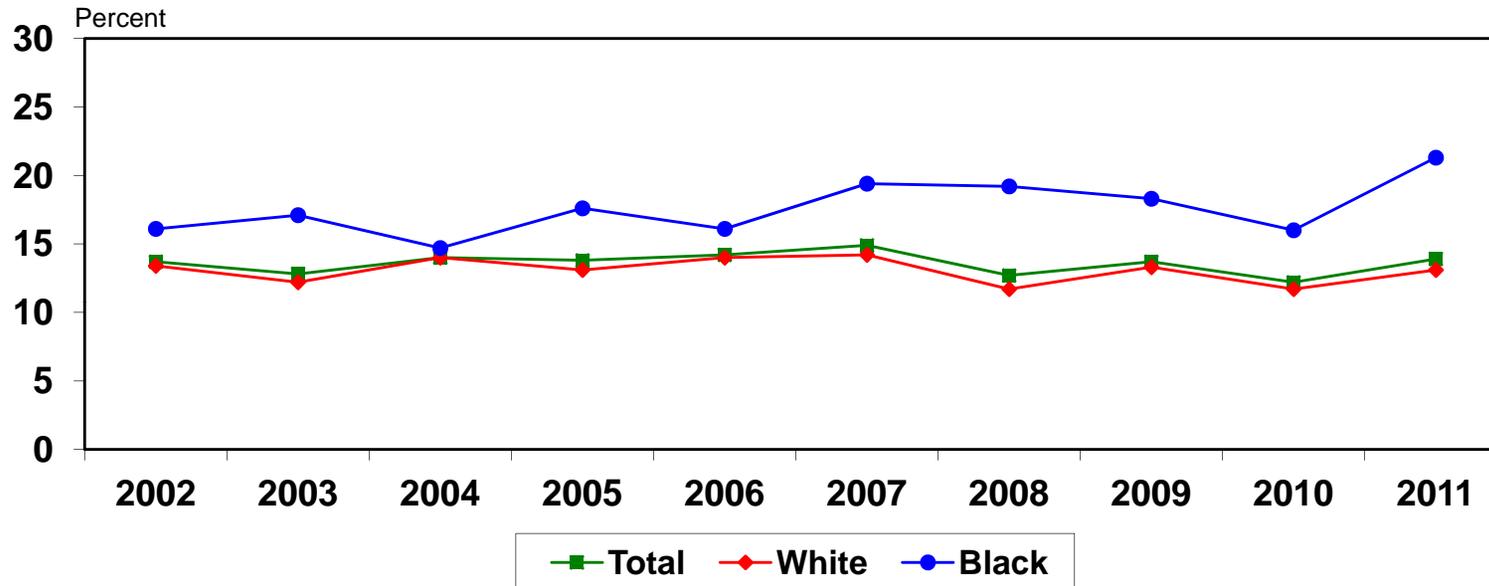
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	11.7	10.5	12.6	12.2	12.6	11.1	11.8	10.8	12.1	11.3
White	10.9	8.8	11.3	11.2	11.1	9.9	10.5	9.6	11.5	10.7
Black	15.4	19.1	19.0	15.9	19.9	17.3	16.8	15.6	14.7	15.1

**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 2011 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, 2014

Percent of Preterm Births** by Race of Mother Vanderburgh County Residents, 2002-2011



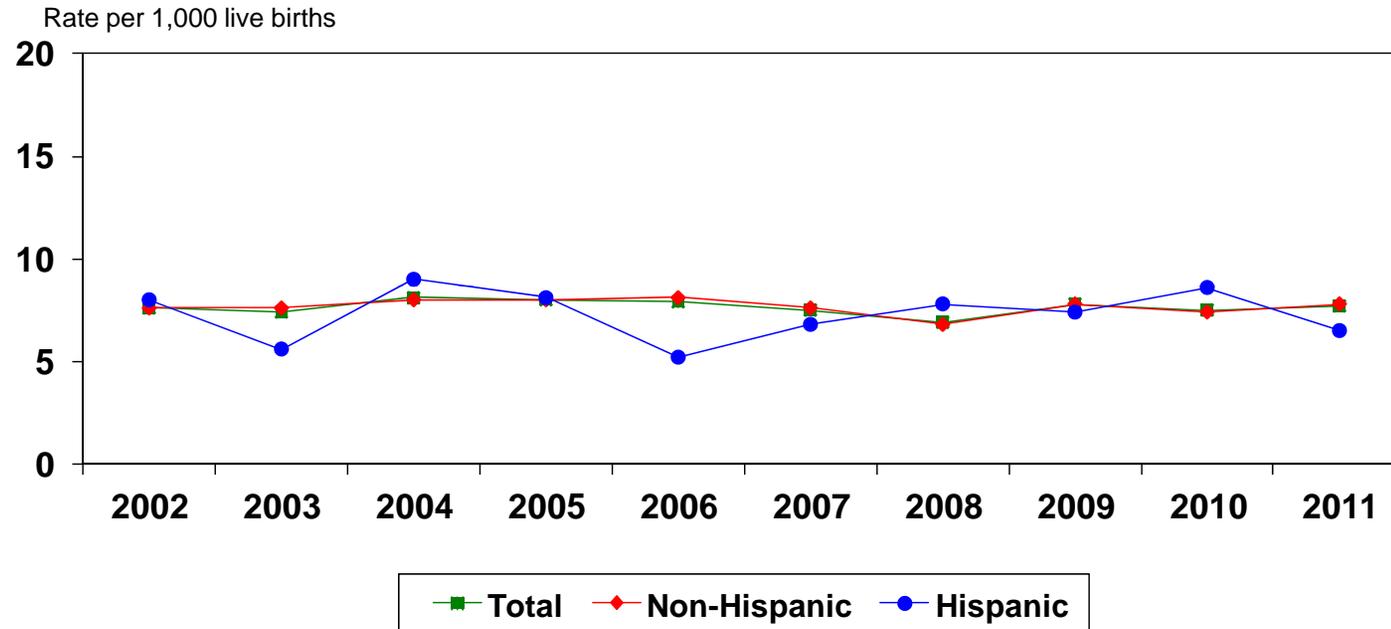
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	13.7	12.8	14.0	13.8	14.2	14.9	12.7	13.7	12.2	13.9
White	13.4	12.2	14.0	13.1	14.0	14.2	11.7	13.3	11.7	13.1
Black	16.1	17.1	14.7	17.6	16.1	19.4	19.2	18.3	16.0	21.3

**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 2011 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, 2014

Infant Mortality Rates by Ethnicity Indiana Residents, 2002-2011

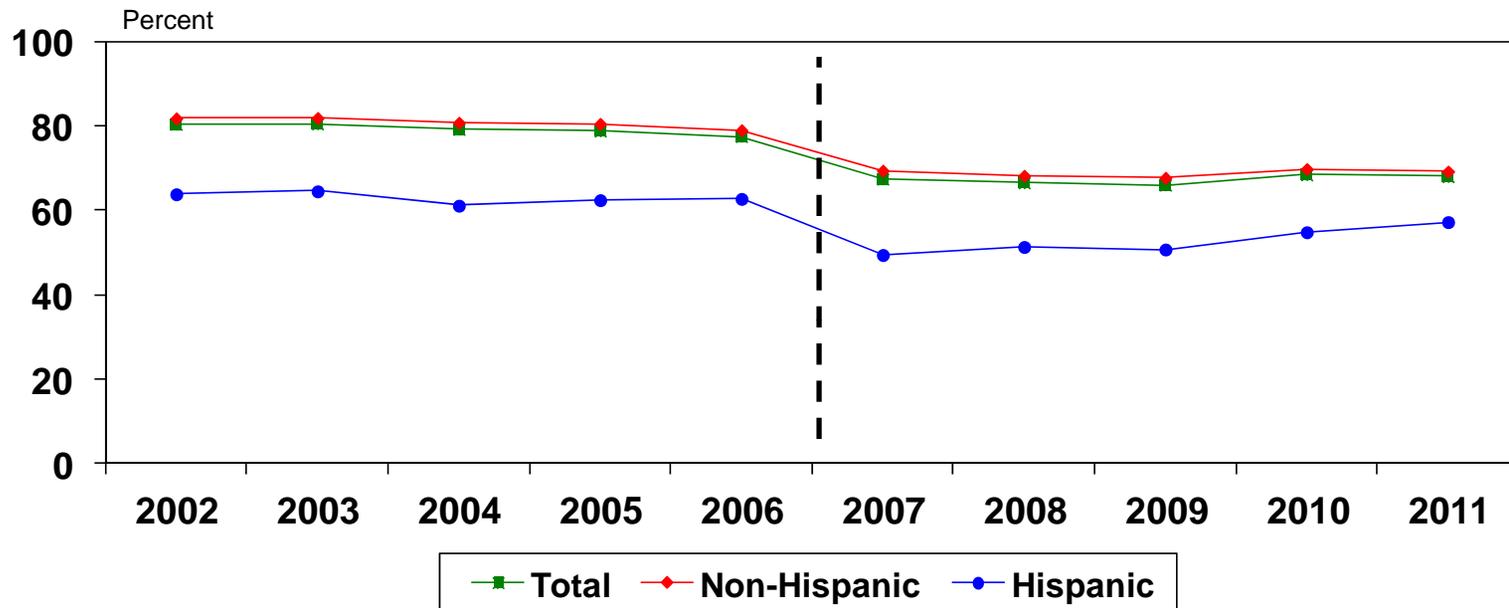


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	7.6	7.4	8.1	8.0	7.9	7.5	6.9	7.8	7.5	7.7
Non-Hispanic	7.6	7.6	8.0	8.0	8.1	7.6	6.8	7.8	7.4	7.8
Hispanic	8.0	5.6	9.0	8.1	5.2	6.8	7.8	7.4	8.6	6.5

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Ethnicity Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	80.5	80.6	79.3	78.9	77.6	67.5	66.6	66.1	68.5	68.1
Non-Hispanic	81.9	82.0	80.9	80.6	79.1	69.5	68.3	67.8	69.9	69.3
Hispanic	63.9	64.6	61.2	62.5	62.8	49.5	51.4	50.8	54.9	57.3

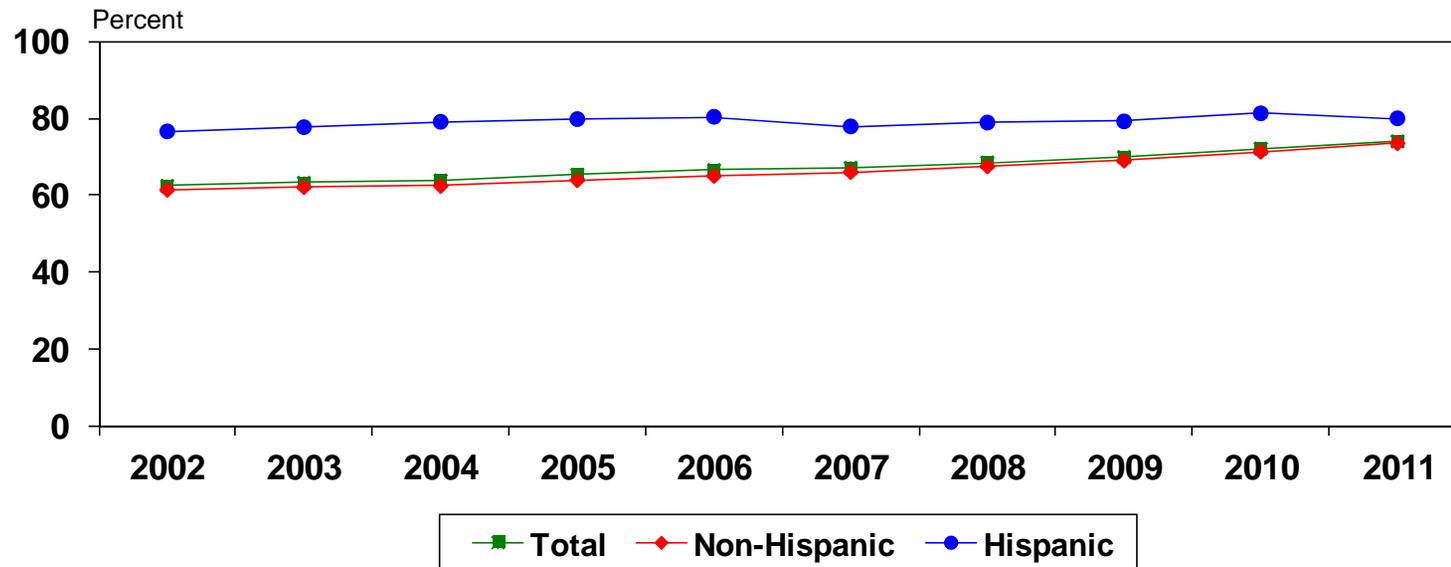
*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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, 2014

Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Ethnicity Indiana Residents, 2002-2011

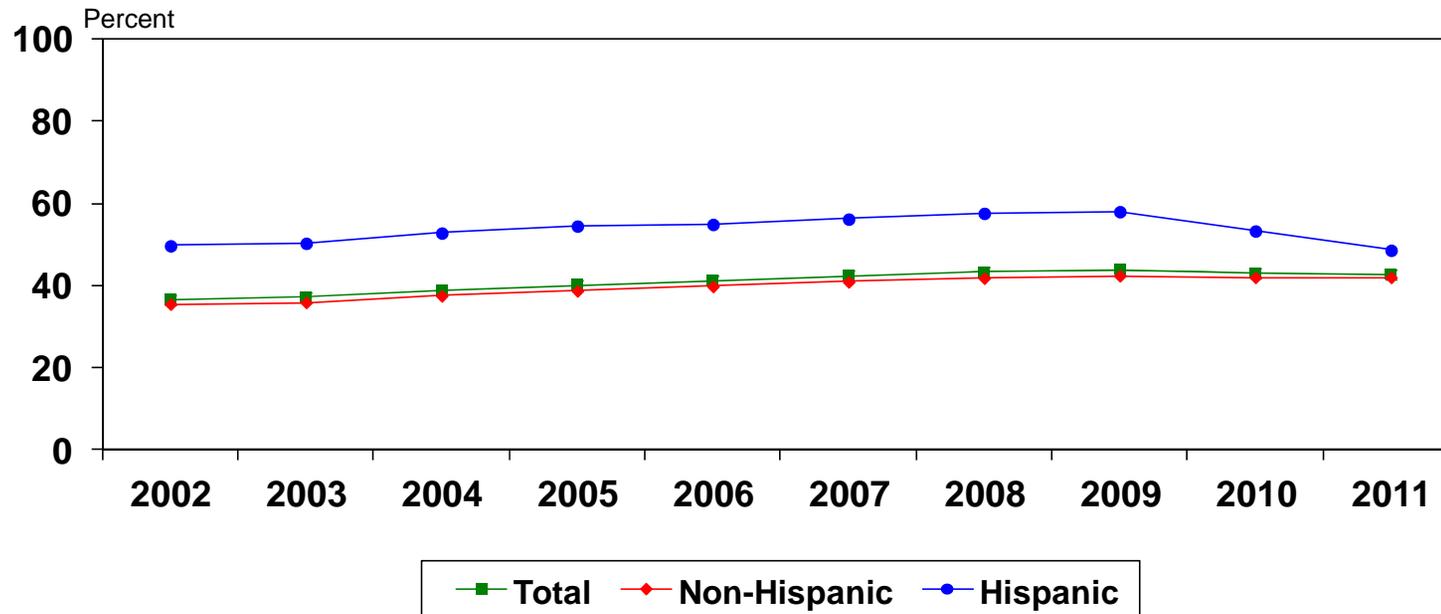


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	62.4	63.2	63.8	65.3	66.5	67.1	68.5	69.9	72.1	74.0
Non-Hispanic	61.4	62.1	62.4	63.9	65.0	66.0	67.5	69.0	71.3	73.5
Hispanic	76.6	77.7	79.1	79.8	80.4	77.9	78.9	79.2	81.3	80.0

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Live Births to Unmarried Mothers by Ethnicity of Mother Indiana Residents, 2002-2011

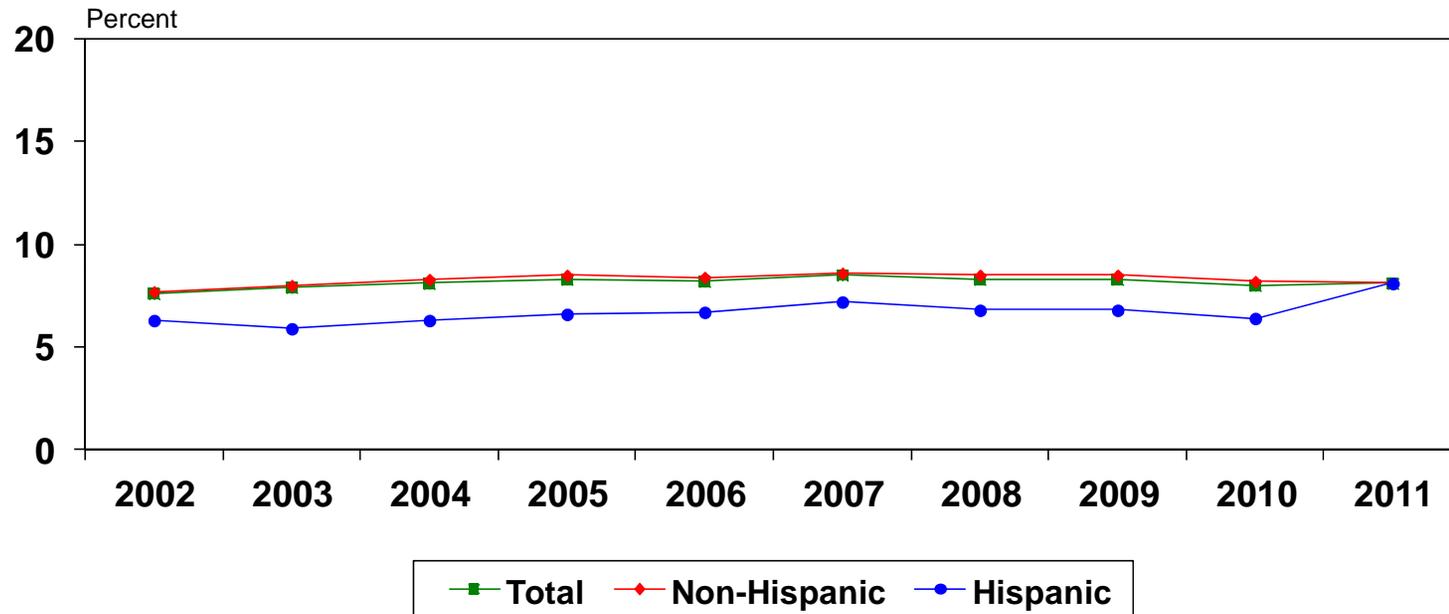


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	36.5	37.1	38.8	40.1	41.2	42.4	43.3	43.9	43.0	42.7
Non-Hispanic	35.5	35.9	37.5	38.7	39.8	40.9	41.8	42.4	42.0	42.0
Hispanic	49.7	50.3	52.8	54.5	54.9	56.2	57.6	58.0	53.3	48.6

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Percent of Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 2002-2011



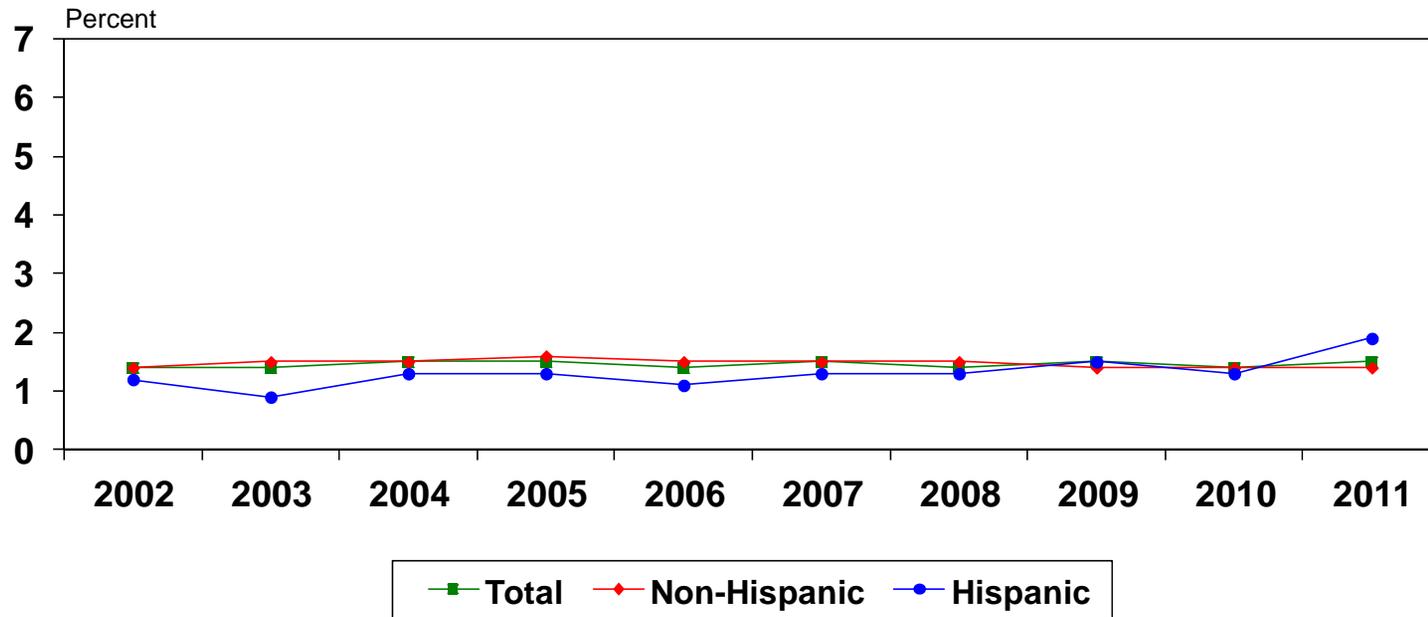
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	7.6	7.9	8.1	8.3	8.2	8.5	8.3	8.3	8.0	8.1
Non-Hispanic	7.7	8.0	8.3	8.5	8.4	8.6	8.5	8.5	8.2	8.1
Hispanic	6.3	5.9	6.3	6.6	6.7	7.2	6.8	6.8	6.4	8.1

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, 2014

Percent of Very Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 2002-2011



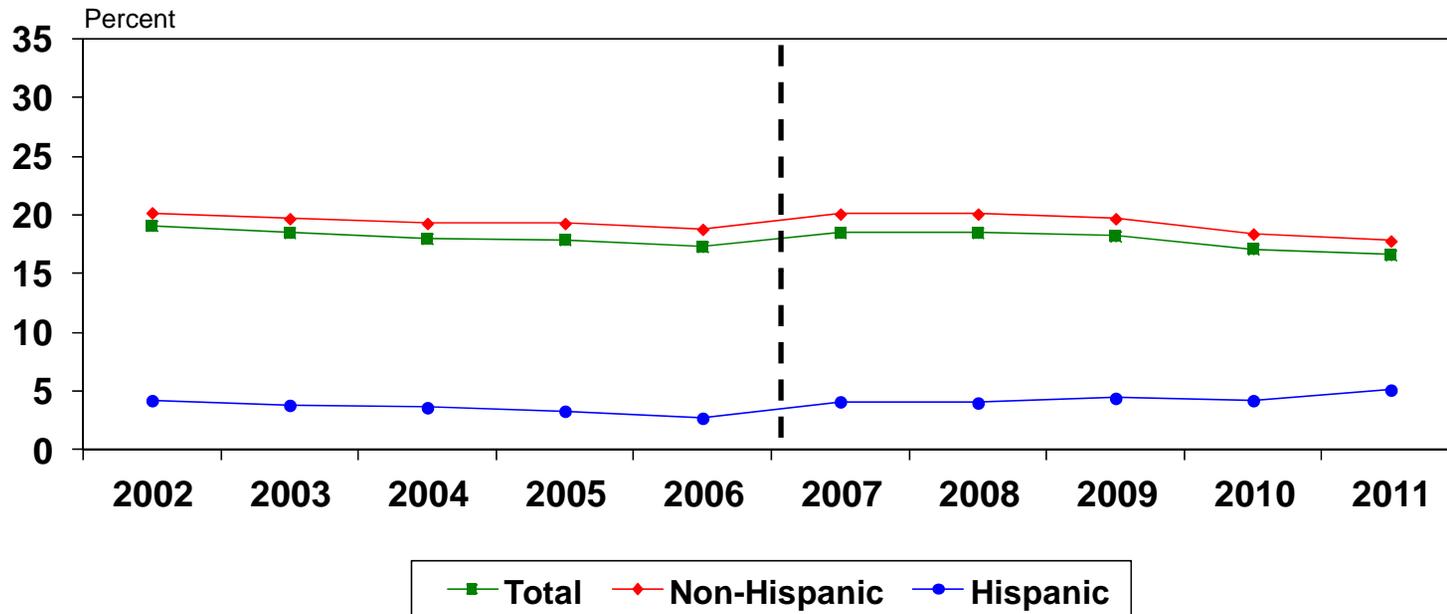
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.5	1.4	1.5
Non-Hispanic	1.4	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4
Hispanic	1.2	0.9	1.3	1.3	1.1	1.3	1.3	1.5	1.3	1.9

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, 2014

Percent of Births to Mothers Who Smoked During Pregnancy* by Ethnicity Indiana Residents, 2002-2011



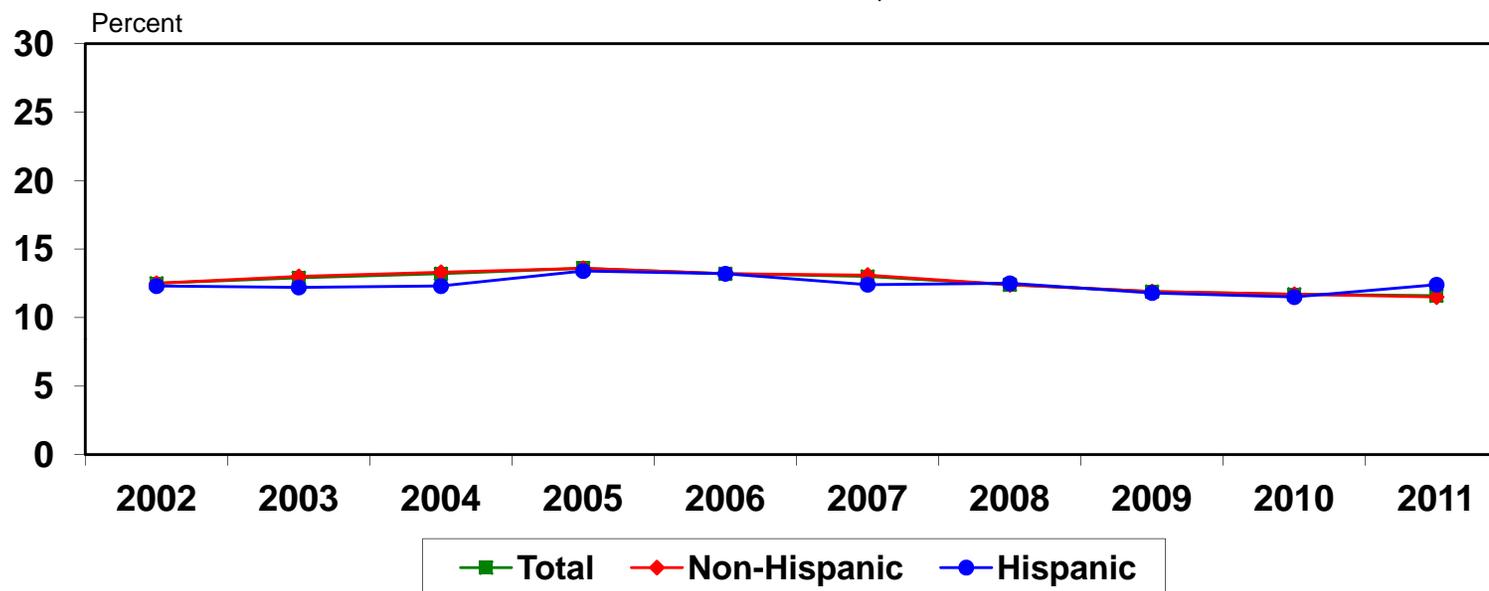
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	19.1	18.5	18.0	17.9	17.3	18.5	18.5	18.2	17.1	16.6
Non-Hispanic	20.2	19.7	19.3	19.3	18.8	20.1	20.1	19.7	18.4	17.8
Hispanic	4.2	3.8	3.6	3.3	2.7	4.1	4.0	4.4	4.2	5.1

*Because of birth certificate revisions in 2007, tobacco data for 2007 and later are not 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, 2014

Percent of Preterm Births** by Ethnicity of Mother Indiana Residents, 2002-2011



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	12.5	12.9	13.2	13.6	13.2	13.0	12.4	11.9	11.7	11.6
Non-Hispanic	12.5	13.0	13.3	13.6	13.2	13.1	12.4	11.9	11.7	11.5
Hispanic	12.3	12.2	12.3	13.4	13.2	12.4	12.5	11.8	11.5	12.4

**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 2011 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, 2014

**Live Births by County of Residence
Indiana Residents, 2002-2011
Total Population**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2002-2011 Avg.
INDIANA	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	83,867	83,750	86,698
Adams	615	641	607	641	654	667	673	643	661	658	646
Allen	5,161	5,211	5,329	5,295	5,492	5,448	5,506	5,463	5,312	5,252	5,347
Bartholomew	960	1,004	1,047	1,081	1,096	1,086	1,095	1,023	1,013	1,004	1,041
Benton	115	118	135	118	110	104	119	92	96	106	111
Blackford	154	163	151	141	148	156	148	142	151	145	150
Boone	645	699	652	694	676	708	741	706	660	701	688
Brown	145	157	115	90	97	137	137	139	100	121	124
Carroll	241	237	250	207	214	230	227	219	214	212	225
Cass	542	548	570	572	567	545	539	517	494	510	540
Clark	1,273	1,315	1,315	1,393	1,513	1,450	1,479	1,525	1,407	1,448	1,412
Clay	373	358	337	325	368	291	330	294	328	307	331
Clinton	503	510	494	510	524	534	518	487	444	396	492
Crawford	130	135	140	104	135	124	122	121	106	110	123
Daviess	475	502	483	508	536	547	536	512	501	559	516
Dearborn	532	629	641	653	587	602	641	372	521	558	574
Decatur	376	387	362	355	365	318	361	315	305	319	346
DeKalb	591	566	554	585	545	571	522	565	534	510	554
Delaware	1,300	1,339	1,310	1,305	1,229	1,340	1,268	1,307	1,245	1,294	1,294
Dubois	565	501	550	563	575	539	543	533	515	508	539
Elkhart	3,005	3,194	3,252	3,478	3,562	3,557	3,430	3,163	3,006	2,976	3,262
Fayette	309	332	304	309	300	304	281	278	262	241	292
Floyd	848	826	870	916	840	878	918	853	912	893	875
Fountain	211	217	213	195	200	209	223	217	190	181	206
Franklin	254	264	328	287	293	310	254	137	245	250	262
Fulton	234	263	245	268	249	267	285	279	261	220	257
Gibson	387	430	416	421	431	452	377	404	396	437	415
Grant	869	799	803	775	877	866	816	840	778	805	823
Greene	425	420	393	380	392	401	369	376	353	364	387
Hamilton	3,457	3,637	3,649	3,693	3,713	3,926	3,910	3,861	3,787	3,887	3,752
Hancock	741	844	824	888	901	897	848	810	757	781	829

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

**Live Births by County of Residence
Indiana Residents, 2002-2011
Total Population**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2002-2011 Avg.
INDIANA	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	83,867	83,750	86,698
Harrison	436	438	435	459	447	473	481	436	400	429	443
Hendricks	1,459	1,505	1,552	1,620	1,686	1,859	1,844	1,787	1,728	1,808	1,685
Henry	558	559	540	567	486	506	541	544	463	456	522
Howard	1,119	1,217	1,143	1,089	1,115	1,131	1,122	994	1,000	971	1,090
Huntington	488	461	499	451	481	488	453	423	417	409	457
Jackson	629	591	589	622	572	584	583	551	564	532	582
Jasper	405	431	396	465	470	430	387	397	405	394	418
Jay	282	332	287	303	306	320	285	307	296	311	303
Jefferson	332	365	382	363	369	383	381	391	353	344	366
Jennings	389	359	415	403	391	371	374	370	337	349	376
Johnson	1,622	1,705	1,765	1,676	1,838	1,913	1,913	1,861	1,776	1,861	1,793
Knox	393	474	462	471	514	497	481	424	459	454	463
Kosciusko	1,032	1,059	1,087	1,067	1,167	1,099	1,154	1,000	977	1,012	1,065
LaGrange	717	720	703	756	714	783	787	714	791	724	741
Lake	6,824	6,926	6,975	6,872	6,937	6,759	6,663	6,724	6,488	6,183	6,735
LaPorte	1,360	1,309	1,325	1,364	1,371	1,438	1,411	1,380	1,309	1,338	1,361
Lawrence	560	547	537	537	534	507	522	513	485	470	521
Madison	1,603	1,596	1,636	1,650	1,594	1,674	1,598	1,631	1,612	1,550	1,614
Marion	14,540	14,701	14,868	14,653	15,545	15,401	15,333	15,346	14,583	14,581	14,955
Marshall	639	701	655	679	662	667	621	619	575	614	643
Martin	145	119	114	140	126	140	146	123	116	119	129
Miami	433	451	438	480	449	433	416	406	390	366	426
Monroe	1,239	1,229	1,273	1,309	1,298	1,388	1,298	1,281	1,318	1,286	1,292
Montgomery	456	466	486	475	448	493	453	508	445	463	469
Morgan	927	873	873	851	871	877	863	807	772	834	855
Newton	156	155	141	133	138	138	162	137	140	148	145
Noble	669	678	739	682	766	703	703	642	595	578	676
Ohio	61	62	64	55	71	60	57	53	56	44	58
Orange	245	239	237	251	246	264	224	237	216	227	239
Owen	246	232	262	247	237	249	259	236	249	226	244
Parke	171	205	157	188	194	204	187	188	192	187	187

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Live Births by County of Residence
Indiana Residents, 2002-2011
Total Population

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2002-2011 Avg.
INDIANA	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	83,867	83,750	86,698
Perry	201	233	217	219	236	223	209	221	214	218	219
Pike	141	135	167	159	158	152	138	145	149	149	149
Porter	1,797	1,873	1,827	1,793	1,836	1,886	1,868	1,772	1,728	1,756	1,814
Posey	269	242	292	227	252	250	284	283	272	279	265
Pulaski	159	164	172	159	177	160	161	166	149	123	159
Putnam	406	404	407	408	368	418	405	383	353	361	391
Randolph	305	321	318	298	295	338	324	291	312	298	310
Ripley	374	396	387	406	389	369	384	352	374	319	375
Rush	258	217	196	214	226	223	197	164	176	170	204
St. Joseph	3,750	3,706	3,843	3,827	4,013	3,762	3,832	3,565	3,500	3,539	3,734
Scott	318	293	288	310	352	346	327	283	278	304	310
Shelby	547	537	582	505	539	572	538	503	532	555	541
Spencer	212	232	235	233	237	247	245	214	218	256	233
Starke	305	280	288	279	298	317	307	280	277	260	289
Steuben	421	419	412	440	396	411	387	359	354	373	397
Sullivan	258	266	214	216	235	216	235	214	239	232	233
Switzerland	102	126	110	102	128	135	133	136	132	120	122
Tippecanoe	1,941	2,012	2,073	2,081	2,205	2,324	2,320	2,230	2,149	2,211	2,155
Tipton	219	200	215	177	175	173	160	126	158	159	176
Union	77	74	101	94	92	82	87	35	84	82	81
Vanderburgh	2,298	2,356	2,351	2,451	2,520	2,468	2,326	2,349	2,346	2,259	2,372
Vermillion	205	200	207	200	171	175	154	194	172	156	183
Vigo	1,283	1,297	1,309	1,280	1,375	1,338	1,321	1,255	1,308	1,309	1,308
Wabash	418	373	378	383	393	377	390	354	354	358	378
Warren	101	94	84	83	94	78	99	88	91	110	92
Warrick	616	641	703	631	677	685	701	676	715	625	667
Washington	344	350	360	328	345	328	318	319	305	291	329
Wayne	837	857	943	910	920	886	882	875	823	829	876
Wells	322	381	353	306	387	305	359	331	338	365	345
White	355	325	323	330	322	330	280	328	297	298	319
Whitley	429	427	396	411	361	449	390	412	409	365	405

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Infant Mortality Rates, Total Population, Indiana Residents, 2002-2011

(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	ADAMS	10.2	31	JASPER	7.2
2	JAY	9.9	31	DAVISS	7.2
2	SPENCER	9.9	31	LAGRANGE	7.2
4	FULTON	9.7	35	JEFFERSON	7.1
4	GRANT	9.7	36	DUBOIS	7.0
4	LAPORTE	9.7	36	BOONE	7.0
7	MARION	9.5	38	VIGO	6.9
8	CASS	9.4	38	HANCOCK	6.9
9	DELAWARE	9.1	38	KOSCIUSKO	6.9
9	LAKE	9.1	41	TIPPECANOE	6.8
11	LAWRENCE	8.6	42	CLINTON	6.7
12	GREENE	8.5	42	JACKSON	6.7
13	ST. JOSEPH	8.4	42	DEKALB	6.7
14	OWEN	8.2	42	JENNINGS	6.7
15	NOBLE	8.1	46	CLAY	6.3
16	HENRY	8.0	46	JOHNSON	6.3
16	ALLEN	8.0	46	DEARBORN	6.3
16	WAYNE	8.0	49	HOWARD	6.2
16	STARKE	8.0	50	RIPLEY	6.1
20	WABASH	7.9	50	PORTER	6.1
20	MONTGOMERY	7.9	52	MONROE	5.9
20	BARTHOLOMEW	7.9	53	MARSHALL	5.8
23	WHITE	7.8	54	HENDRICKS	5.7
23	VANDEBURGH	7.8	54	WHITLEY	5.7
23	MORGAN	7.8	56	WARRICK	5.5
26	MADISON	7.6	57	CLARK	5.1
26	KNOX	7.6	57	HAMILTON	5.1
28	MIAMI	7.5	59	HARRISON	5.0
29	PUTNAM	7.4	60	FLOYD	4.9
29	ELKHART	7.4	61	HUNTINGTON	4.4
31	SHELBY	7.2			
				INDIANA	7.7

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Infant Mortality Rates, White Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	FULTON	10.0	31	KNOX	6.8
1	JAY	10.0	31	BOONE	6.8
1	ADAMS	10.0	31	LAKE	6.8
4	SPENCER	9.1	35	MARION	6.6
5	GRANT	9.0	36	MADISON	6.5
6	GREENE	8.6	36	JENNINGS	6.5
6	LAWRENCE	8.6	38	CLAY	6.4
8	CASS	8.4	38	HANCOCK	6.4
9	OWEN	8.3	40	DEARBORN	6.2
10	HENRY	8.2	40	DEKALB	6.2
11	STARKE	8.0	40	MONROE	6.2
11	NOBLE	8.0	40	VIGO	6.2
11	MONTGOMERY	8.0	40	ELKHART	6.2
14	MORGAN	7.9	45	JOHNSON	6.1
15	MIAMI	7.7	45	PORTER	6.1
16	WABASH	7.6	47	ST. JOSEPH	6.0
16	LAPORTE	7.6	47	CLINTON	6.0
18	DELAWARE	7.3	47	RIPLEY	6.0
18	PUTNAM	7.3	50	JACKSON	5.9
18	JASPER	7.3	51	WHITLEY	5.7
21	DAVISS	7.2	51	ALLEN	5.7
21	BARTHOLOMEW	7.2	53	HENDRICKS	5.4
23	WAYNE	7.1	54	HOWARD	5.3
24	SHELBY	7.0	55	MARSHALL	5.2
24	WHITE	7.0	56	HARRISON	5.0
24	JEFFERSON	7.0	57	WARRICK	4.8
27	DUBOIS	6.9	58	CLARK	4.7
27	LAGRANGE	6.9	59	HAMILTON	4.6
27	TIPPECANOE	6.9	60	HUNTINGTON	4.4
27	VANDEBURGH	6.9	61	FLOYD	4.3
31	KOSCIUSKO	6.8			
				INDIANA	6.4

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Infant Mortality Rates, Black Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DELAWARE	21.9
2	ALLEN	20.3
3	ELKHART	19.4
4	MADISON	18.9
5	LAPORTE	18.1
6	ST. JOSEPH	17.9
7	MARION	15.5
8	VANDEBURGH	14.4
9	LAKE	13.9
	INDIANA	15.7

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Infant Mortality Rates, Non-Hispanic Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	CASS	10.5	31	KNOX	7.2
2	ADAMS	10.2	32	BOONE	7.1
3	JAY	10.1	33	HANCOCK	7.0
4	LAPORTE	9.9	34	DEKALB	6.9
4	MARION	9.9	34	JEFFERSON	6.9
6	FULTON	9.8	36	VIGO	6.8
7	GRANT	9.6	37	DUBOIS	6.7
8	SPENCER	9.5	38	LAGRANGE	6.6
9	LAKE	9.4	39	DEARBORN	6.4
10	DELAWARE	9.0	40	JENNINGS	6.3
11	ST. JOSEPH	8.8	41	JOHNSON	6.2
12	GREENE	8.6	41	KOSCIUSKO	6.2
12	LAWRENCE	8.6	41	SHELBY	6.2
14	ALLEN	8.3	41	TIPPECANOE	6.2
15	STARKE	8.1	45	HOWARD	6.1
15	CLINTON	8.1	45	CLAY	6.1
17	WAYNE	8.0	47	RIPLEY	6.0
18	WABASH	7.9	47	MONROE	6.0
19	VANDERBURGH	7.8	49	PORTER	5.9
19	MORGAN	7.8	50	HENDRICKS	5.7
21	MADISON	7.7	51	WHITLEY	5.5
21	NOBLE	7.7	51	WARRICK	5.5
21	ELKHART	7.7	53	JACKSON	5.4
24	MONTGOMERY	7.6	53	CLARK	5.4
24	HENRY	7.6	55	HARRISON	5.2
24	DAVISS	7.6	56	MARSHALL	5.1
27	BARTHOLOMEW	7.5	56	HAMILTON	5.1
27	PUTNAM	7.5	58	FLOYD	4.9
27	JASPER	7.5	59	HUNTINGTON	4.5
30	MIAMI	7.4			
				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, 2014

Infant Mortality Rates, Hispanic Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	10.8
2	MARION	7.6
3	LAKE	7.2
4	ELKHART	6.4
5	ALLEN	5.3
6	ST. JOSEPH	5.0
	INDIANA	7.3

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates, Total Population, Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	ADAMS	7.6	22	KNOX	4.5
2	GREENE	6.7	22	KOSCIUSKO	4.5
3	JAY	6.6	22	HANCOCK	4.5
3	MARION	6.6	22	DUBOIS	4.5
5	LAPORTE	6.5	27	ELKHART	4.4
6	DELAWARE	6.1	27	DEARBORN	4.4
6	GRANT	6.1	29	WAYNE	4.3
8	MORGAN	6.0	29	MADISON	4.3
9	LAKE	5.9	29	HENDRICKS	4.3
10	BARTHOLOMEW	5.7	29	MONROE	4.3
11	ST. JOSEPH	5.5	33	JOHNSON	4.2
12	LAWRENCE	5.4	33	VIGO	4.2
12	CASS	5.4	33	MARSHALL	4.2
12	HENRY	5.4	36	CLINTON	4.1
15	ALLEN	5.3	37	WARRICK	4.0
16	PUTNAM	5.1	38	HAMILTON	3.7
16	BOONE	5.1	39	JACKSON	3.6
18	SHELBY	5.0	39	DEKALB	3.6
19	VANDEBURGH	4.9	41	PORTER	3.4
19	NOBLE	4.9	42	HOWARD	3.2
19	LAGRANGE	4.9	43	CLARK	2.9
22	TIPPECANOE	4.5			
				INDIANA	5.0

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates, White Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	ADAMS	7.3	17	MONROE	4.6
2	GREENE	6.8	22	KOSCIUSKO	4.5
3	JAY	6.7	23	DEARBORN	4.3
4	MORGAN	6.0	24	DUBOIS	4.2
5	HENRY	5.5	24	ST. JOSEPH	4.2
5	LAWRENCE	5.5	26	HANCOCK	4.1
7	GRANT	5.4	26	HENDRICKS	4.1
8	PUTNAM	5.2	26	JOHNSON	4.1
9	BARTHOLOMEW	5.1	29	MARSHALL	4.0
10	BOONE	5.0	29	ELKHART	4.0
11	SHELBY	4.9	31	MADISON	3.9
11	NOBLE	4.9	32	VIGO	3.7
11	LAGRANGE	4.9	32	WAYNE	3.7
11	LAPORTE	4.9	34	ALLEN	3.6
15	TIPPECANOE	4.7	35	WARRICK	3.4
15	DELAWARE	4.7	36	PORTER	3.3
17	LAKE	4.6	37	HAMILTON	3.2
17	VANDEBURGH	4.6	38	HOWARD	3.0
17	MARION	4.6	39	CLARK	2.5
17	CASS	4.6			
				INDIANA	4.2

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates, Black Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DELAWARE	17.2
2	ALLEN	13.6
3	LAPORTE	12.8
4	ST. JOSEPH	10.7
5	MARION	10.5
6	LAKE	8.7
	INDIANA	10.2

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Neonatal Mortality Rates, Non-Hispanic Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	ADAMS	7.5	20	HANCOCK	4.5
2	GREENE	6.8	20	NOBLE	4.5
2	MARION	6.8	23	DEARBORN	4.4
4	LAPORTE	6.7	23	ELKHART	4.4
5	MORGAN	6.0	23	MADISON	4.4
5	LAKE	6.0	26	MONROE	4.3
7	DELAWARE	5.9	26	TIPPECANOE	4.3
7	CASS	5.9	26	HENDRICKS	4.3
9	ST. JOSEPH	5.8	26	VIGO	4.3
9	GRANT	5.8	26	WAYNE	4.3
11	LAWRENCE	5.5	31	DUBOIS	4.2
12	ALLEN	5.4	32	JOHNSON	4.1
13	BARTHOLOMEW	5.2	32	WARRICK	4.1
13	BOONE	5.2	34	DEKALB	3.7
13	PUTNAM	5.2	35	HAMILTON	3.6
16	VANDERBURGH	4.9	35	MARSHALL	3.6
16	HENRY	4.9	37	HOWARD	3.2
18	LAGRANGE	4.6	37	PORTER	3.2
18	SHELBY	4.6	39	CLARK	3.0
20	KOSCIUSKO	4.5			
				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, 2014

Neonatal Mortality Rates, Hispanic Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	MARION	5.5
2	LAKE	5.1
3	ELKHART	4.3
	INDIANA	5.0

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Postneonatal Mortality Rates, Total Population, Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	CASS	4.1
2	WAYNE	3.7
3	GRANT	3.6
4	MADISON	3.3
4	NOBLE	3.3
6	LAKE	3.2
6	LAPORTE	3.2
8	HOWARD	3.0
8	DELAWARE	3.0
8	ELKHART	3.0
11	MARION	2.9
11	VANDEBURGH	2.9
11	ST. JOSEPH	2.9
14	ALLEN	2.8
14	PORTER	2.8
16	FLOYD	2.7
16	VIGO	2.7
18	HANCOCK	2.4
19	KOSCIUSKO	2.3
20	TIPPECANOE	2.2
20	BARTHOLOMEW	2.2
20	CLARK	2.2
23	JOHNSON	2.1
24	MONROE	1.6
25	HENDRICKS	1.4
25	HAMILTON	1.4
	INDIANA	2.7

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Postneonatal Mortality Rates, White Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	CASS	3.8
2	GRANT	3.5
3	WAYNE	3.4
4	NOBLE	3.1
5	PORTER	2.8
6	LAPORTE	2.7
7	MADISON	2.6
7	DELAWARE	2.6
9	VIGO	2.5
10	KOSCIUSKO	2.4
11	HOWARD	2.3
11	VANDEBURGH	2.3
13	CLARK	2.2
13	TIPPECANOE	2.2
13	ELKHART	2.2
16	LAKE	2.1
16	BARTHOLOMEW	2.1
16	JOHNSON	2.1
16	ALLEN	2.1
20	MARION	2.0
21	ST. JOSEPH	1.8
22	HAMILTON	1.4
23	HENDRICKS	1.3
	INDIANA	2.2

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Postneonatal Mortality Rates, Black Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	ELKHART	11.5
2	VANDEBURGH	7.5
3	ST. JOSEPH	7.2
4	ALLEN	6.7
5	LAKE	5.2
6	MARION	5.0
	INDIANA	5.6

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Postneonatal Mortality Rates, Non-Hispanic Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GRANT	3.8
1	WAYNE	3.8
3	LAKE	3.4
4	MADISON	3.3
4	ELKHART	3.3
4	LAPORTE	3.3
7	MARION	3.1
7	DELAWARE	3.1
9	ST. JOSEPH	3.0
10	VANDEBURGH	2.9
10	HOWARD	2.9
10	ALLEN	2.9
13	FLOYD	2.8
14	PORTER	2.7
15	VIGO	2.6
16	HANCOCK	2.4
16	CLARK	2.4
18	BARTHOLOMEW	2.3
19	JOHNSON	2.1
20	TIPPECANOE	1.9
21	MONROE	1.7
22	HENDRICKS	1.5
23	HAMILTON	1.4
	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, 2014

Postneonatal Mortality Rates, Hispanic Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	MARION	2.1
2	LAKE	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, 2014

Prenatal Care Began in First Trimester, Total Population, Indiana Residents, 2002-2011

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	42.6	47	ORANGE	77.6
2	ADAMS	57.6	47	CRAWFORD	77.6
3	ELKHART	60.2	47	STARKE	77.6
4	CLINTON	66.4	50	JASPER	77.7
5	DAVISS	67.0	51	PERRY	77.8
6	PARKE	67.7	52	SHELBY	78.1
7	MARION	68.5	52	JEFFERSON	78.1
8	FOUNTAIN	68.9	54	WABASH	78.2
9	GRANT	69.0	54	CLAY	78.2
10	SCOTT	69.7	56	PUTNAM	78.3
11	LAPORTE	69.8	56	BLACKFORD	78.3
12	KOSCIUSKO	69.9	58	PULASKI	78.8
13	JAY	70.2	58	GREENE	78.8
14	ST. JOSEPH	70.3	60	RIPLEY	79.1
15	NOBLE	70.4	60	WHITLEY	79.1
16	WASHINGTON	71.6	62	TIPTON	79.2
16	CASS	71.6	62	SULLIVAN	79.2
18	DECATUR	71.7	64	PORTER	79.4
19	BARTHOLOMEW	72.2	65	RUSH	79.5
20	LAKE	72.3	66	WELLS	79.6
21	MONTGOMERY	72.5	66	MIAMI	79.6
22	MARSHALL	73.1	68	JOHNSON	79.8
23	CLARK	73.4	69	VANDERBURGH	80.0
24	TIPPECANOE	73.6	70	FRANKLIN	80.1
25	SWITZERLAND	73.9	71	LAWRENCE	80.5
26	FULTON	74.1	72	MONROE	80.7
26	JENNINGS	74.1	73	FAYETTE	81.0
28	VERMILLION	74.4	74	HARRISON	81.1
29	ALLEN	74.6	75	MARTIN	81.5
30	HOWARD	75.1	76	SPENCER	81.8
30	WAYNE	75.1	77	HUNTINGTON	82.0
30	NEWTON	75.1	78	RANDOLPH	82.1
33	STEUBEN	75.2	79	OHIO	82.5
34	FLOYD	75.4	80	KNOX	83.3
34	MADISON	75.4	81	HENDRICKS	83.6
36	CARROLL	75.5	82	DELAWARE	83.8
37	WARREN	75.7	83	PIKE	83.9
38	WHITE	75.8	84	HENRY	84.2
39	DEKALB	76.2	85	WARRICK	84.3
40	OWEN	76.4	86	GIBSON	84.6
41	MORGAN	76.5	87	BOONE	84.7
42	BROWN	76.6	87	DUBOIS	84.7
43	JACKSON	76.8	89	POSEY	84.8
44	VIGO	77.1	90	HANCOCK	85.2
45	UNION	77.3	91	DEARBORN	85.8
46	BENTON	77.4	92	HAMILTON	86.1
				INDIANA	74.2

*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, 2014

Prenatal Care Began in First Trimester, White Indiana Residents, 2002-2011

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	42.5	47	STARKE	77.8
2	ADAMS	57.7	47	BENTON	77.8
3	ELKHART	61.2	47	ORANGE	77.8
4	CLINTON	66.5	50	VIGO	77.9
5	DAVISS	67.6	51	SHELBY	78.1
6	PARKE	67.7	52	PERRY	78.2
7	FOUNTAIN	69.3	53	BLACKFORD	78.3
8	SCOTT	69.9	53	WABASH	78.3
9	JAY	70.2	55	JEFFERSON	78.4
10	KOSCIUSKO	70.7	56	PUTNAM	78.5
11	GRANT	70.9	56	CLAY	78.5
12	NOBLE	71.2	58	PULASKI	78.8
13	WASHINGTON	71.8	59	GREENE	79.0
13	DECATUR	71.8	60	RIPLEY	79.2
15	LAPORTE	72.0	60	SULLIVAN	79.2
16	MARION	72.1	62	WHITLEY	79.3
16	CASS	72.1	63	TIPTON	79.5
18	BARTHOLOMEW	72.7	64	MIAMI	79.8
19	MONTGOMERY	73.2	64	PORTER	79.8
20	MARSHALL	73.5	64	RUSH	79.8
21	ST. JOSEPH	73.7	64	WELLS	79.8
22	SWITZERLAND	73.8	68	FRANKLIN	80.2
23	FULTON	74.2	68	JOHNSON	80.2
23	JENNINGS	74.2	70	LAWRENCE	80.6
25	CLARK	74.5	71	HARRISON	81.3
26	VERMILLION	74.6	71	FAYETTE	81.3
27	NEWTON	75.3	73	MARTIN	81.6
28	STEUBEN	75.4	73	MONROE	81.6
28	WARREN	75.4	75	SPENCER	81.9
30	TIPPECANOE	75.5	76	HUNTINGTON	82.1
31	CARROLL	75.6	77	VANDEBURGH	82.2
32	HOWARD	76.2	78	RANDOLPH	82.6
33	DEKALB	76.3	79	OHIO	82.9
33	WHITE	76.3	80	KNOX	83.4
35	BROWN	76.5	81	PIKE	84.0
36	MORGAN	76.6	82	HENDRICKS	84.3
36	OWEN	76.6	83	HENRY	84.4
38	MADISON	76.8	84	WARRICK	84.7
39	WAYNE	76.9	85	DELAWARE	84.8
40	LAKE	77.1	86	BOONE	84.9
41	JACKSON	77.4	86	GIBSON	84.9
41	FLOYD	77.4	88	POSEY	85.2
43	ALLEN	77.6	89	DUBOIS	85.4
44	UNION	77.7	90	HANCOCK	85.5
44	JASPER	77.7	91	DEARBORN	86.0
44	CRAWFORD	77.7	92	HAMILTON	86.7
				INDIANA	76.2

*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, 2014

Prenatal Care Began in First Trimester, Black Indiana Residents, 2002-2011

(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	46.2
2	TIPPECANOE	51.9
3	GRANT	52.6
4	MONTGOMERY	52.7
5	CASS	54.1
6	ST. JOSEPH	55.9
7	LAPORTE	57.2
8	BARTHOLOMEW	58.0
8	FLOYD	58.0
10	MARION	60.8
10	ALLEN	60.8
12	KOSCIUSKO	61.1
13	CLARK	63.0
14	LAKE	63.3
15	HOWARD	63.7
16	MADISON	64.1
17	VIGO	65.9
18	WAYNE	66.0
19	MONROE	66.8
20	VANDEBURGH	67.1
21	JOHNSON	67.4
22	POSEY	67.6
23	BOONE	69.8
24	GIBSON	70.0
24	WARRICK	70.0
26	MIAMI	70.8
26	KNOX	70.8
28	PORTER	71.1
29	JEFFERSON	71.4
30	HENDRICKS	72.4
31	FAYETTE	72.7
32	DELAWARE	74.7
33	HAMILTON	74.8
34	HANCOCK	76.7
35	SHELBY	84.2
36	HENRY	85.1
37	DEARBORN	86.2
	INDIANA	61.4

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

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Prenatal Care Began in First Trimester, Non-Hispanic Indiana Residents, 2002-2011

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	41.8	47	CRAWFORD	78.1
2	ADAMS	57.6	47	PERRY	78.1
3	ELKHART	63.4	49	CLAY	78.3
4	DAVISS	67.4	49	PUTNAM	78.3
5	PARKE	67.9	49	BLACKFORD	78.3
6	FOUNTAIN	69.6	52	WABASH	78.4
7	SCOTT	69.7	53	JEFFERSON	78.7
8	GRANT	69.8	54	WHITE	78.8
9	JAY	70.2	54	JACKSON	78.8
10	LAPORTE	70.6	56	GREENE	78.9
11	KOSCIUSKO	71.3	57	PULASKI	79.0
12	ST. JOSEPH	71.4	58	SULLIVAN	79.3
12	MARION	71.4	58	JASPER	79.3
14	WASHINGTON	71.6	60	WHITLEY	79.4
15	DECATUR	72.1	61	MIAMI	79.7
16	LAKE	73.2	62	RUSH	79.8
17	NOBLE	73.7	63	PORTER	80.0
18	SWITZERLAND	74.0	64	WELLS	80.1
19	MARSHALL	74.3	64	RIPLEY	80.1
19	FULTON	74.3	66	SHELBY	80.2
21	VERMILLION	74.4	67	FRANKLIN	80.3
22	MONTGOMERY	74.5	68	VANDERBURGH	80.6
22	BARTHOLOMEW	74.5	68	TIPTON	80.6
24	JENNINGS	74.6	70	LAWRENCE	80.7
25	ALLEN	74.8	71	JOHNSON	80.9
26	CLINTON	75.1	72	FAYETTE	81.1
27	CLARK	75.3	73	MONROE	81.2
28	HOWARD	75.4	73	HARRISON	81.2
29	WARREN	75.5	75	MARTIN	81.7
30	STEUBEN	76.0	76	HUNTINGTON	82.4
31	TIPPECANOE	76.1	77	SPENCER	82.6
32	FLOYD	76.2	78	OHIO	82.9
33	NEWTON	76.3	79	RANDOLPH	83.4
34	OWEN	76.4	80	KNOX	83.5
35	CASS	76.5	81	DELAWARE	83.9
36	MORGAN	76.6	82	PIKE	84.0
36	DEKALB	76.6	83	HENDRICKS	84.1
38	BROWN	76.7	84	HENRY	84.3
39	CARROLL	76.8	85	WARRICK	84.6
40	MADISON	76.9	85	GIBSON	84.6
41	WAYNE	77.0	87	BOONE	85.0
42	UNION	77.3	87	POSEY	85.0
43	VIGO	77.4	89	HANCOCK	85.4
44	STARKE	77.9	90	DEARBORN	85.9
44	ORANGE	77.9	91	HAMILTON	87.1
46	BENTON	78.0	92	DUBOIS	87.2
				INDIANA	75.8

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

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

Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Prenatal Care Began in First Trimester, Hispanic Indiana Residents, 2002-2011

(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	TIPTON	37.9	39	DAVISS	62.8
2	CLINTON	40.4	40	FLOYD	63.2
3	RIPLEY	42.4	41	ORANGE	63.6
4	MADISON	46.5	42	HUNTINGTON	64.2
5	DECATUR	46.7	43	STARKE	65.2
6	MONTGOMERY	47.2	44	JEFFERSON	65.5
7	FOUNTAIN	48.4	45	MARSHALL	65.6
8	ELKHART	49.2	46	DUBOIS	65.7
9	BARTHOLOMEW	49.7	47	MONROE	65.9
10	WAYNE	49.9	48	SPENCER	67.3
11	STEUBEN	50.0	49	SCOTT	67.5
12	SHELBY	50.9	50	LAKE	68.2
13	MARION	51.9	50	WARRICK	68.2
14	NOBLE	54.1	52	HENDRICKS	68.4
15	GRANT	54.8	53	PERRY	68.8
15	CARROLL	54.8	54	FULTON	68.9
17	CLARK	55.5	55	BENTON	69.0
18	JOHNSON	56.4	56	LAWRENCE	69.6
19	CASS	56.6	57	MORGAN	70.1
20	JENNINGS	56.8	58	JAY	70.9
21	WHITE	56.9	59	KNOX	71.1
22	JASPER	57.1	60	WABASH	71.3
23	TIPPECANOE	57.5	61	PULASKI	71.4
24	KOSCIUSKO	58.3	62	DEARBORN	71.7
24	RANDOLPH	58.3	63	BOONE	72.0
26	NEWTON	58.4	64	PORTER	72.3
27	HAMILTON	58.6	65	OWEN	72.4
28	WHITLEY	59.2	66	ALLEN	72.7
29	LAPORTE	59.3	67	WASHINGTON	72.9
30	DEKALB	59.5	68	MIAMI	73.9
31	HOWARD	59.6	69	GREENE	75.6
32	JACKSON	60.2	70	HANCOCK	76.1
33	VIGO	60.4	71	BLACKFORD	76.9
34	ADAMS	60.5	72	DELAWARE	78.5
35	ST. JOSEPH	60.8	73	PUTNAM	78.7
36	LAGRANGE	61.9	74	HENRY	79.3
37	WELLS	62.0	74	HARRISON	79.3
38	VANDERBURGH	62.2	76	GIBSON	88.0
				INDIANA	58.4

*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.

Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Low Birthweight*, Total Population, Indiana Residents, 2002-2011

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAKE	9.7	45	HENRY	7.6
2	PIKE	9.4	45	CASS	7.6
2	GRANT	9.4	45	SWITZERLAND	7.6
4	LAPORTE	9.3	45	FRANKLIN	7.6
4	SCOTT	9.3	45	PARKE	7.6
4	MARION	9.3	45	SHELBY	7.6
7	DELAWARE	9.2	45	CLINTON	7.6
8	VANDEBURGH	9.1	45	JENNINGS	7.6
9	ALLEN	8.9	55	NOBLE	7.5
10	PERRY	8.8	56	DEARBORN	7.4
11	RUSH	8.7	56	STARKE	7.4
11	MADISON	8.7	58	DECATUR	7.3
11	SULLIVAN	8.7	59	RIPLEY	7.2
14	CRAWFORD	8.6	59	PUTNAM	7.2
15	BLACKFORD	8.5	59	FOUNTAIN	7.2
15	LAWRENCE	8.5	59	HANCOCK	7.2
17	TIPTON	8.4	63	MONROE	7.1
17	RANDOLPH	8.4	63	POSEY	7.1
17	ORANGE	8.4	63	ELKHART	7.1
17	KNOX	8.4	66	OWEN	7.0
17	WABASH	8.4	66	FULTON	7.0
17	HUNTINGTON	8.4	66	DAVISS	7.0
23	ST. JOSEPH	8.3	66	NEWTON	7.0
23	MORGAN	8.3	66	HAMILTON	7.0
23	GREENE	8.3	71	PULASKI	6.9
23	FAYETTE	8.3	71	DUBOIS	6.9
27	WARRICK	8.2	71	TIPPECANOE	6.9
28	VERMILLION	8.1	71	KOSCIUSKO	6.9
28	WHITLEY	8.1	75	WASHINGTON	6.8
28	MARTIN	8.1	75	CARROLL	6.8
31	CLARK	8.0	75	JOHNSON	6.8
31	WAYNE	8.0	75	PORTER	6.8
33	FLOYD	7.9	79	HENDRICKS	6.7
33	MONTGOMERY	7.9	79	CLAY	6.7
35	GIBSON	7.8	81	ADAMS	6.6
35	JAY	7.8	82	BOONE	6.5
35	VIGO	7.8	82	WHITE	6.5
35	STEBEN	7.8	82	OHIO	6.5
39	HOWARD	7.7	85	JASPER	6.4
39	MIAMI	7.7	85	DEKALB	6.4
39	WELLS	7.7	87	MARSHALL	6.3
39	SPENCER	7.7	88	BENTON	5.8
39	JACKSON	7.7	88	BROWN	5.8
39	BARTHOLOMEW	7.7	90	WARREN	5.7
45	HARRISON	7.6	91	LAGRANGE	5.3
45	JEFFERSON	7.6	92	UNION	4.7
				INDIANA	8.1

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Low Birthweight*, White Indiana Residents, 2002-2011

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	9.5	47	VIGO	7.5
2	SCOTT	9.2	47	SHELBY	7.5
3	GRANT	9.0	47	SWITZERLAND	7.5
4	PERRY	8.8	47	JENNINGS	7.5
4	RUSH	8.8	47	PARKE	7.5
6	CRAWFORD	8.6	52	STARKE	7.4
6	SULLIVAN	8.6	52	DEARBORN	7.4
8	LAWRENCE	8.5	52	CLARK	7.4
8	RANDOLPH	8.5	55	FLOYD	7.3
10	DELAWARE	8.4	55	DECATUR	7.3
10	ORANGE	8.4	57	HOWARD	7.2
10	TIPTON	8.4	57	RIPLEY	7.2
10	FAYETTE	8.4	57	FOUNTAIN	7.2
10	HUNTINGTON	8.4	60	HANCOCK	7.1
10	BLACKFORD	8.4	60	PUTNAM	7.1
10	VANDEBURGH	8.4	60	OWEN	7.1
17	GREENE	8.3	63	MONROE	7.0
17	KNOX	8.3	63	FULTON	7.0
17	WABASH	8.3	63	ST. JOSEPH	7.0
17	LAPORTE	8.3	63	DUBOIS	7.0
17	MORGAN	8.3	63	PULASKI	7.0
22	WARRICK	8.2	63	POSEY	7.0
22	MADISON	8.2	69	NEWTON	6.9
24	WHITLEY	8.1	69	WASHINGTON	6.9
25	VERMILLION	8.0	69	CARROLL	6.9
25	MARTIN	8.0	72	DAVISS	6.8
27	MONTGOMERY	7.9	72	KOSCIUSKO	6.8
27	GIBSON	7.9	74	TIPPECANOE	6.7
29	JAY	7.8	74	HAMILTON	6.7
29	JACKSON	7.8	74	HENDRICKS	6.7
31	STEBEN	7.7	74	CLAY	6.7
31	MARION	7.7	74	JOHNSON	6.7
31	WELLS	7.7	79	ADAMS	6.6
31	MIAMI	7.7	79	PORTER	6.6
31	SPENCER	7.7	79	ELKHART	6.6
31	ALLEN	7.7	79	OHIO	6.6
37	BARTHOLOMEW	7.6	83	BOONE	6.4
37	CASS	7.6	83	DEKALB	6.4
37	HARRISON	7.6	83	JASPER	6.4
37	HENRY	7.6	86	MARSHALL	6.3
37	NOBLE	7.6	86	WHITE	6.3
37	LAKE	7.6	88	BROWN	5.8
37	FRANKLIN	7.6	89	BENTON	5.7
37	WAYNE	7.6	90	WARREN	5.6
37	CLINTON	7.6	91	LAGRANGE	5.4
37	JEFFERSON	7.6	92	UNION	4.7
				INDIANA	7.4

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Low Birthweight*, Black Indiana Residents, 2002-2011

(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	WAYNE	15.8
2	LAPORTE	15.8
4	ALLEN	15.0
5	VANDEBURGH	14.7
5	MADISON	14.7
7	FLOYD	14.2
8	ST. JOSEPH	14.1
9	LAKE	14.0
9	CLARK	14.0
11	GRANT	13.6
12	HOWARD	13.5
13	MARION	13.1
14	ELKHART	13.0
15	BARTHOLOMEW	12.5
15	MONROE	12.5
17	JOHNSON	12.2
18	VIGO	11.9
19	TIPPECANOE	11.6
20	PORTER	11.0
21	HAMILTON	9.8
22	HENDRICKS	9.4
	INDIANA	13.6

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Low Birthweight*, Non-Hispanic Indiana Residents, 2002-2011

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAKE	10.1	47	HENRY	7.7
2	MARION	9.8	47	JACKSON	7.7
3	GRANT	9.6	49	WELLS	7.6
4	PIKE	9.5	49	PARKE	7.6
4	LAPORTE	9.5	49	FRANKLIN	7.6
6	DELAWARE	9.2	52	STARKE	7.4
6	VANDERBURGH	9.2	52	JEFFERSON	7.4
8	ALLEN	9.0	52	DEARBORN	7.4
9	PERRY	8.9	52	SWITZERLAND	7.4
9	SCOTT	8.9	52	HARRISON	7.4
11	MADISON	8.8	52	DECATUR	7.4
11	STEBUBEN	8.8	58	JENNINGS	7.3
11	SULLIVAN	8.8	58	FOUNTAIN	7.3
14	RUSH	8.7	58	ELKHART	7.3
15	RANDOLPH	8.6	61	FULTON	7.2
15	ST. JOSEPH	8.6	61	PUTNAM	7.2
17	WABASH	8.5	61	HANCOCK	7.2
18	KNOX	8.4	61	RIPLEY	7.2
18	LAWRENCE	8.4	65	CARROLL	7.1
18	ORANGE	8.4	65	OWEN	7.1
18	BLACKFORD	8.4	65	MONROE	7.1
18	HUNTINGTON	8.4	68	DUBOIS	7.0
18	CLINTON	8.4	68	DAVIESS	7.0
18	GREENE	8.4	68	POSEY	7.0
25	MORGAN	8.3	68	HAMILTON	7.0
25	FAYETTE	8.3	72	TIPPECANOE	6.9
25	TIPTON	8.3	72	NEWTON	6.9
28	CRAWFORD	8.2	72	PORTER	6.9
28	WAYNE	8.2	72	PULASKI	6.9
28	WARRICK	8.2	76	JOHNSON	6.8
28	MARTIN	8.2	76	KOSCIUSKO	6.8
32	WHITLEY	8.1	78	HENDRICKS	6.7
32	CASS	8.1	78	CLAY	6.7
32	VERMILLION	8.1	78	WASHINGTON	6.7
35	NOBLE	8.0	81	WHITE	6.6
35	MONTGOMERY	8.0	81	ADAMS	6.6
35	JAY	8.0	81	OHIO	6.6
38	CLARK	7.9	81	BOONE	6.6
38	GIBSON	7.9	85	JASPER	6.5
38	SHELBY	7.9	85	DEKALB	6.5
41	FLOYD	7.8	87	MARSHALL	6.3
41	HOWARD	7.8	88	BENTON	6.0
41	VIGO	7.8	89	BROWN	5.9
41	SPENCER	7.8	89	WARREN	5.9
41	MIAMI	7.8	91	LAGRANGE	5.3
41	BARTHOLOMEW	7.8	92	UNION	4.8
				INDIANA	8.3

*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, 2014

Low Birthweight*, Hispanic Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	HARRISON	13.6
2	JEFFERSON	12.0
3	FLOYD	9.5
4	CLARK	9.1
5	MONROE	8.0
6	JACKSON	7.8
7	ALLEN	7.7
7	HENDRICKS	7.7
9	KOSCIUSKO	7.6
9	LAKE	7.6
11	MONTGOMERY	7.2
12	DAVISS	7.1
13	BARTHOLOMEW	6.9
13	LAPORTE	6.9
15	MADISON	6.8
15	TIPPECANOE	6.8
17	VANDEBURGH	6.6
17	JOHNSON	6.6
17	HAMILTON	6.6
20	ST. JOSEPH	6.4
21	MARION	6.3
22	ELKHART	6.2
23	CASS	6.1
23	MARSHALL	6.1
25	PORTER	6.0
25	WAYNE	6.0
27	GRANT	5.9
27	WHITE	5.9
27	DUBOIS	5.9
30	NOBLE	5.2
31	CLINTON	5.1
	INDIANA	6.7

*Birthweight less than 2,500 grams.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Very Low Birthweight*, Total Population, Indiana Residents, 2002-2011
 (Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAKE	1.9	29	HENRY	1.3
1	LAPORTE	1.9	29	HARRISON	1.3
3	MARION	1.8	29	FRANKLIN	1.3
3	MARTIN	1.8	29	SHELBY	1.3
5	SWITZERLAND	1.7	29	JEFFERSON	1.3
5	GIBSON	1.7	47	DUBOIS	1.2
5	ST. JOSEPH	1.7	47	KNOX	1.2
5	VANDEBURGH	1.7	47	HANCOCK	1.2
9	TIPTON	1.6	47	DEKALB	1.2
9	FAYETTE	1.6	47	DEARBORN	1.2
9	ALLEN	1.6	47	JASPER	1.2
12	SULLIVAN	1.5	47	HAMILTON	1.2
12	CASS	1.5	47	WELLS	1.2
12	LAWRENCE	1.5	47	GREENE	1.2
12	WAYNE	1.5	47	POSEY	1.2
12	RUSH	1.5	57	HENDRICKS	1.1
17	ORANGE	1.4	57	HUNTINGTON	1.1
17	STEBEN	1.4	57	BOONE	1.1
17	DELAWARE	1.4	57	HOWARD	1.1
17	CLARK	1.4	57	JOHNSON	1.1
17	CLINTON	1.4	57	WASHINGTON	1.1
17	BLACKFORD	1.4	57	PUTNAM	1.1
17	MADISON	1.4	57	RIPLEY	1.1
17	RANDOLPH	1.4	57	JACKSON	1.1
17	SPENCER	1.4	57	STARKE	1.1
17	MORGAN	1.4	57	OWEN	1.1
17	TIPPECANOE	1.4	57	ADAMS	1.1
17	CLAY	1.4	57	WABASH	1.1
29	MONROE	1.3	57	PORTER	1.1
29	ELKHART	1.3	57	MARSHALL	1.1
29	MIAMI	1.3	72	WHITLEY	1.0
29	VIGO	1.3	72	WHITE	1.0
29	JENNINGS	1.3	72	KOSCIUSKO	1.0
29	BARTHOLOMEW	1.3	72	DECATUR	1.0
29	WARRICK	1.3	72	MONTGOMERY	1.0
29	FLOYD	1.3	72	FOUNTAIN	1.0
29	GRANT	1.3	72	JAY	1.0
29	NOBLE	1.3	79	SCOTT	0.9
29	FULTON	1.3	79	CARROLL	0.9
29	PARKE	1.3	81	LAGRANGE	0.8
29	PERRY	1.3	82	DAVISS	0.7
				INDIANA	1.5

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Very Low Birthweight*, White Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	MARTIN	1.8	39	MADISON	1.2
2	GIBSON	1.7	39	ALLEN	1.2
3	SWITZERLAND	1.6	39	DEARBORN	1.2
3	TIPTON	1.6	39	DEKALB	1.2
3	FAYETTE	1.6	39	WELLS	1.2
3	SULLIVAN	1.6	39	PERRY	1.2
3	VANDEBURGH	1.6	39	POSEY	1.2
8	LAWRENCE	1.5	39	SHELBY	1.2
8	CASS	1.5	39	KNOX	1.2
8	RUSH	1.5	39	JASPER	1.2
11	LAPORTE	1.4	39	GREENE	1.2
11	BLACKFORD	1.4	39	HAMILTON	1.2
11	LAKE	1.4	39	CLARK	1.2
11	ORANGE	1.4	39	HENDRICKS	1.2
11	STEBEN	1.4	56	HUNTINGTON	1.1
11	WAYNE	1.4	56	WASHINGTON	1.1
11	CLINTON	1.4	56	JOHNSON	1.1
11	CLAY	1.4	56	PUTNAM	1.1
11	MORGAN	1.4	56	OWEN	1.1
11	RANDOLPH	1.4	56	STARKE	1.1
21	MONROE	1.3	56	RIPLEY	1.1
21	JENNINGS	1.3	56	HANCOCK	1.1
21	ST. JOSEPH	1.3	56	WABASH	1.1
21	MIAMI	1.3	56	BOONE	1.1
21	NOBLE	1.3	56	GRANT	1.1
21	BARTHOLOMEW	1.3	56	JACKSON	1.1
21	MARION	1.3	56	MARSHALL	1.1
21	SPENCER	1.3	56	ADAMS	1.1
21	HENRY	1.3	70	WHITLEY	1.0
21	PARKE	1.3	70	HOWARD	1.0
21	TIPPECANOE	1.3	70	KOSCIUSKO	1.0
21	FULTON	1.3	70	PORTER	1.0
21	WARRICK	1.3	70	DECATUR	1.0
21	FRANKLIN	1.3	70	MONTGOMERY	1.0
21	JEFFERSON	1.3	76	JAY	0.9
21	HARRISON	1.3	76	WHITE	0.9
21	DUBOIS	1.3	76	CARROLL	0.9
21	VIGO	1.3	76	SCOTT	0.9
39	ELKHART	1.2	80	LAGRANGE	0.8
39	FLOYD	1.2	81	DAVISS	0.7
39	DELAWARE	1.2			
				INDIANA	1.2

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Very Low Birthweight*, Black Indiana Residents, 2002-2011

(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	CLARK	3.6
3	ALLEN	3.5
4	ST. JOSEPH	3.3
4	TIPPECANOE	3.3
4	MADISON	3.3
7	GRANT	3.1
8	MARION	3.0
8	LAKE	3.0
10	DELAWARE	2.9
10	VANDEBURGH	2.9
10	VIGO	2.9
13	HAMILTON	2.8
13	ELKHART	2.8
	INDIANA	3.1

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Very Low Birthweight*, Non-Hispanic Indiana Residents, 2002-2011

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAKE	2.1	30	FRANKLIN	1.3
2	MARION	1.9	30	PERRY	1.3
2	LAPORTE	1.9	44	HARRISON	1.2
4	STEBEN	1.8	44	HANCOCK	1.2
4	MARTIN	1.8	44	KNOX	1.2
4	ST. JOSEPH	1.8	44	HAMILTON	1.2
7	CASS	1.7	44	JASPER	1.2
7	GIBSON	1.7	44	DEKALB	1.2
7	VANDERBURGH	1.7	44	DUBOIS	1.2
7	SWITZERLAND	1.7	44	DEARBORN	1.2
11	CLINTON	1.6	44	FLOYD	1.2
11	FAYETTE	1.6	44	GREENE	1.2
11	TIPTON	1.6	44	WELLS	1.2
11	SULLIVAN	1.6	44	POSEY	1.2
15	ALLEN	1.5	44	HUNTINGTON	1.2
15	LAWRENCE	1.5	57	PUTNAM	1.1
15	WAYNE	1.5	57	HOWARD	1.1
18	RUSH	1.4	57	STARKE	1.1
18	RANDOLPH	1.4	57	HENDRICKS	1.1
18	BLACKFORD	1.4	57	BOONE	1.1
18	MADISON	1.4	57	WABASH	1.1
18	ELKHART	1.4	57	ADAMS	1.1
18	ORANGE	1.4	57	JOHNSON	1.1
18	DELAWARE	1.4	57	RIPLEY	1.1
18	MORGAN	1.4	57	JEFFERSON	1.1
18	CLAY	1.4	57	WASHINGTON	1.1
18	SPENCER	1.4	57	PORTER	1.1
18	CLARK	1.4	57	OWEN	1.1
18	TIPPECANOE	1.4	70	KOSCIUSKO	1.0
30	MIAMI	1.3	70	WHITLEY	1.0
30	NOBLE	1.3	70	MARSHALL	1.0
30	MONROE	1.3	70	FOUNTAIN	1.0
30	VIGO	1.3	70	JAY	1.0
30	WARRICK	1.3	70	DECATUR	1.0
30	SHELBY	1.3	70	MONTGOMERY	1.0
30	BARTHOLOMEW	1.3	70	JACKSON	1.0
30	GRANT	1.3	78	WHITE	0.9
30	PARKE	1.3	78	CARROLL	0.9
30	JENNINGS	1.3	80	SCOTT	0.8
30	FULTON	1.3	80	LAGRANGE	0.8
30	HENRY	1.3	82	DAVISS	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, 2014

Very Low Birthweight*, Hispanic Indiana Residents, 2002-2011

(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	CLARK	1.9
2	ALLEN	1.7
3	TIPPECANOE	1.5
4	LAKE	1.4
5	MARION	1.2
5	ST. JOSEPH	1.2
7	ELKHART	1.1
	INDIANA	1.3

*Birthweight less than 1,500 grams.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2014

Glossary of Terms

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

Birthweight - The amount a liveborn infant weighs at birth.

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

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

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

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

First Trimester - The first three months of pregnancy.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Unstable Rate - When the numerator or denominator is less than 20, the rate is unstable. A small change in the numerator or denominator 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.).