

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

**State and Selected County Data
2000-2009**

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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, 2000-2009*, provides a summary of data relating to pregnancy, birth, and mortality in Indiana and selected counties for the years 2000-2009.

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

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

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

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

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

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

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

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

The preterm data in this report are not comparable with the preterm data in the 1997-2006 MCH Outcomes report and prior reports, and in the 2009 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.

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:

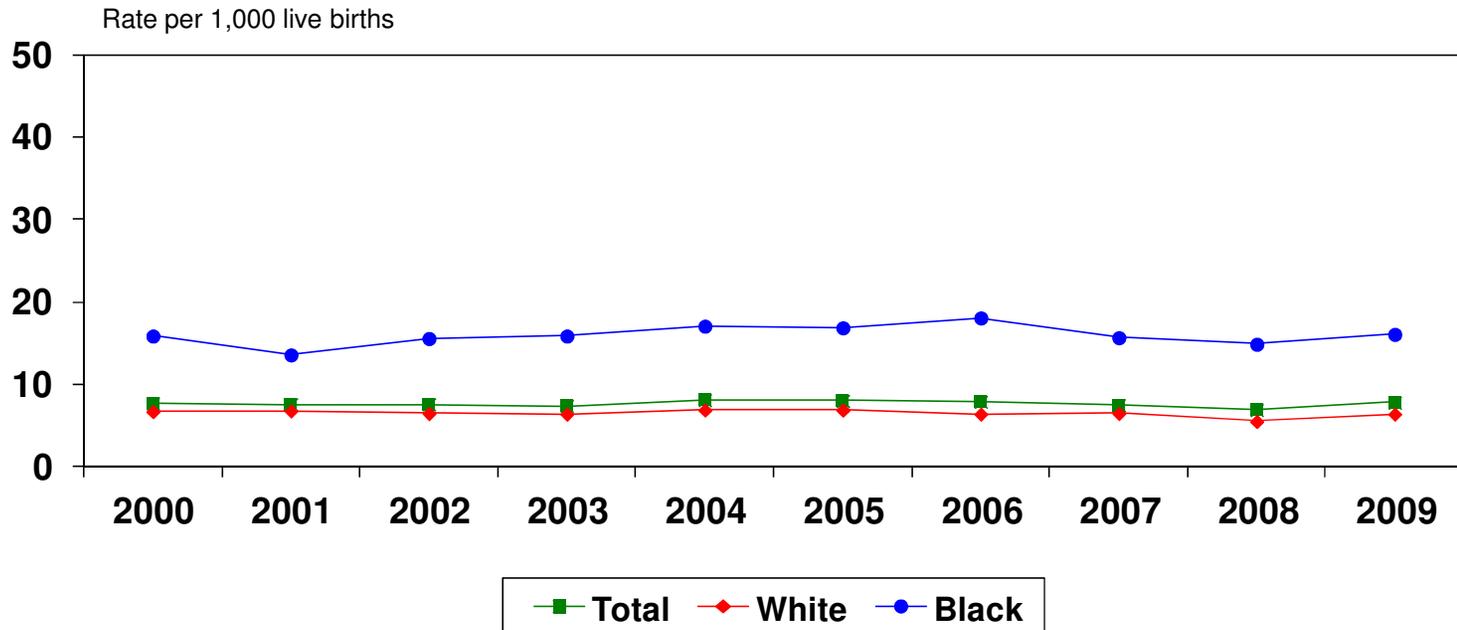
Race		
<u>1997 OMB standards (current)</u>	<u>1977 OMB standards (pre-2007)</u>	<u>This Report</u>
American Indian or Alaska Native	American Indian or Alaska Native	Included in Other
Asian	Asian or Pacific Islander	Included in Other
Black or African American	Black	Black
Native Hawaiian or Other Pacific 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, 2000-2009

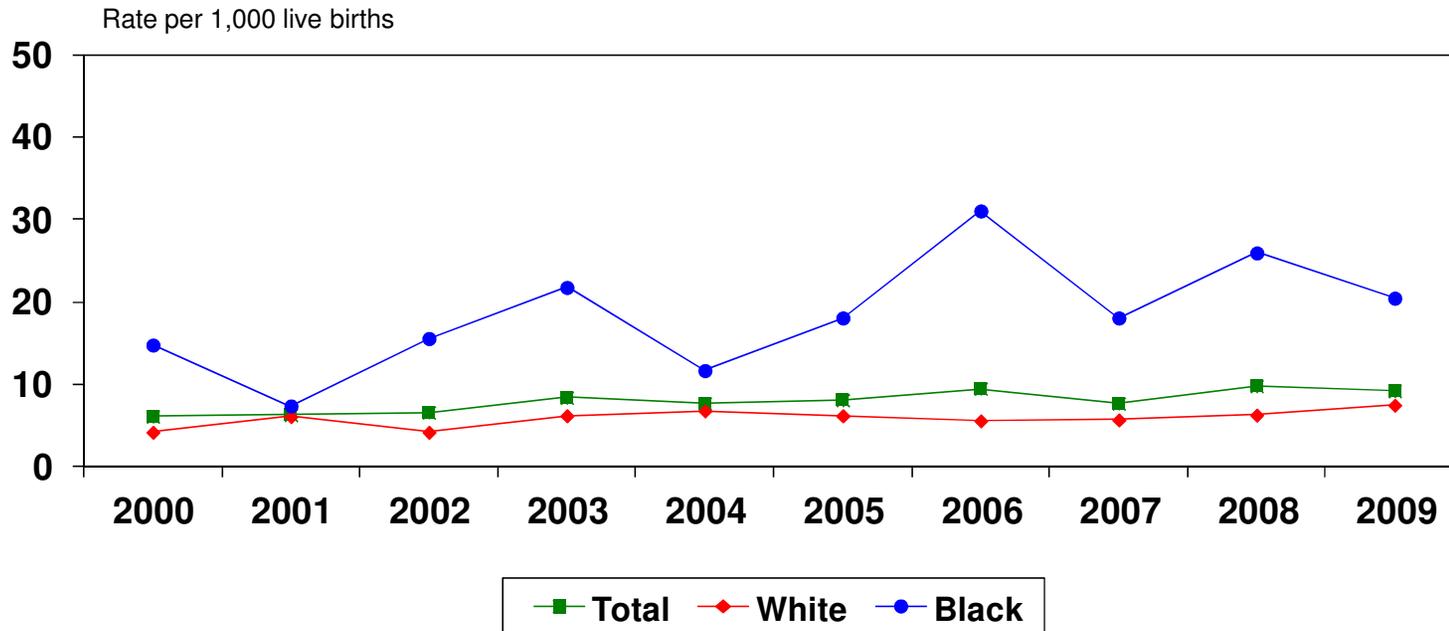


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	7.7	7.6	7.6	7.4	8.1	8.0	7.9	7.5	6.9	7.8
White	6.7	6.8	6.5	6.4	6.9	6.9	6.4	6.5	5.5	6.4
Black	15.9	13.6	15.6	15.9	17.1	16.9	18.1	15.7	14.9	16.1

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

Infant Mortality Rates by Race

Allen County Residents, 2000-2009



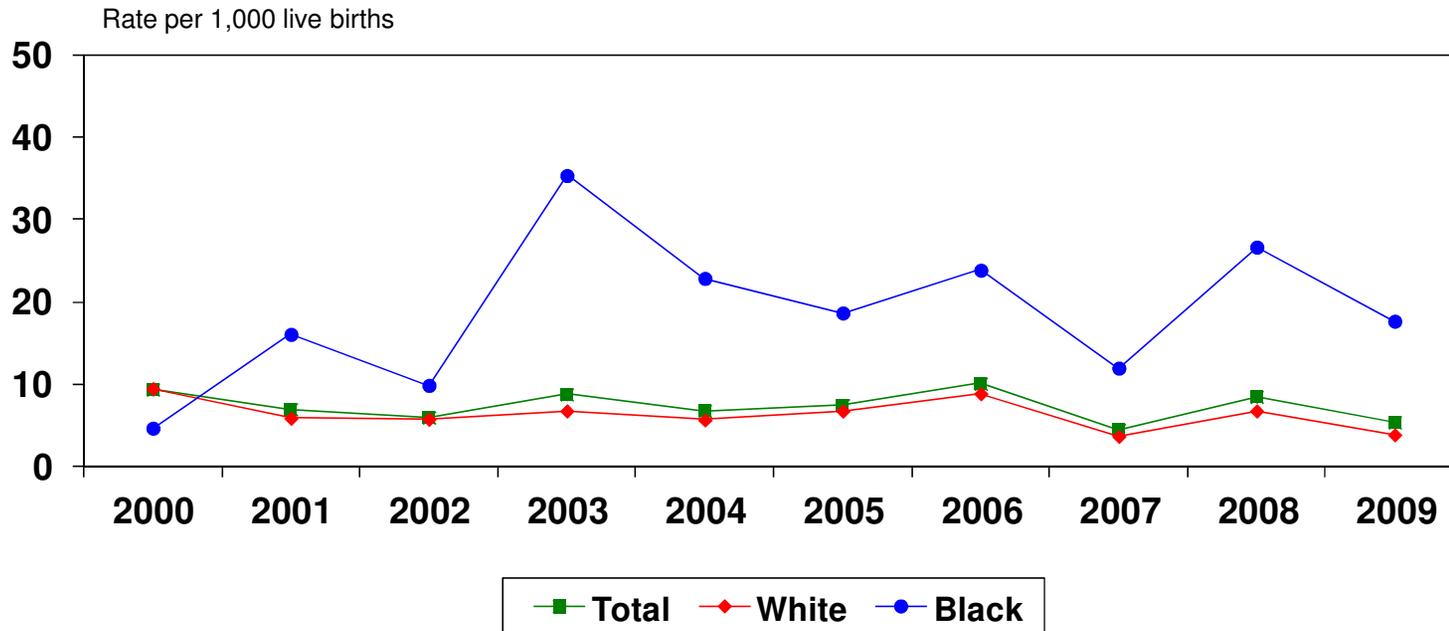
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	6.1	6.3	6.6	8.4	7.7	8.1	9.5	7.7	9.8	9.2
White	4.2*	6.1	4.2*	6.2	6.8	6.2	5.6	5.7	6.3	7.5
Black	14.8*	7.4*	15.6*	21.8*	11.7*	18.1*	31.1	18.1*	26.0	20.5*

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

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

Infant Mortality Rates by Race

Elkhart County Residents, 2000-2009



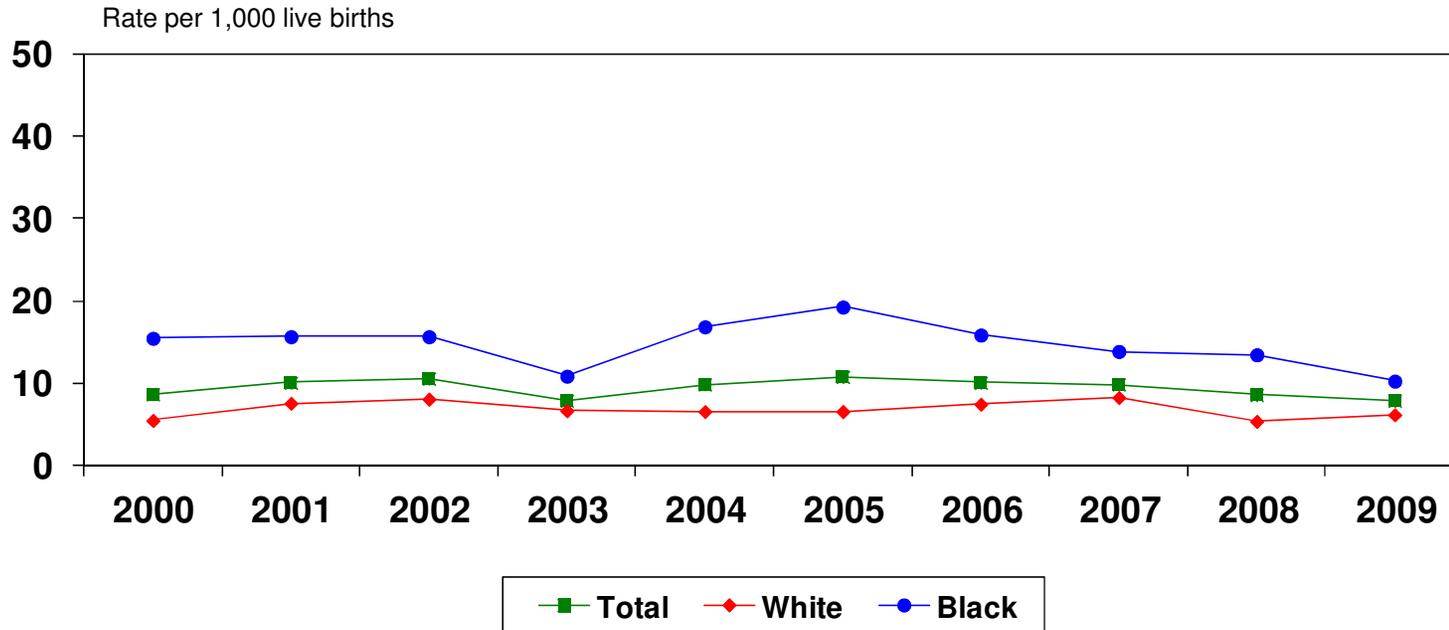
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	9.4	7.0	6.0*	8.8	6.8	7.5	10.1	4.5*	8.5	5.4*
White	9.5	5.9*	5.8*	6.8	5.7*	6.8	8.9	3.7*	6.8	3.9*
Black	4.7*	16.1*	9.9*	35.4*	22.9*	18.7*	23.9*	12.0*	26.7*	17.7*

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

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

Infant Mortality Rates by Race

Lake County Residents, 2000-2009

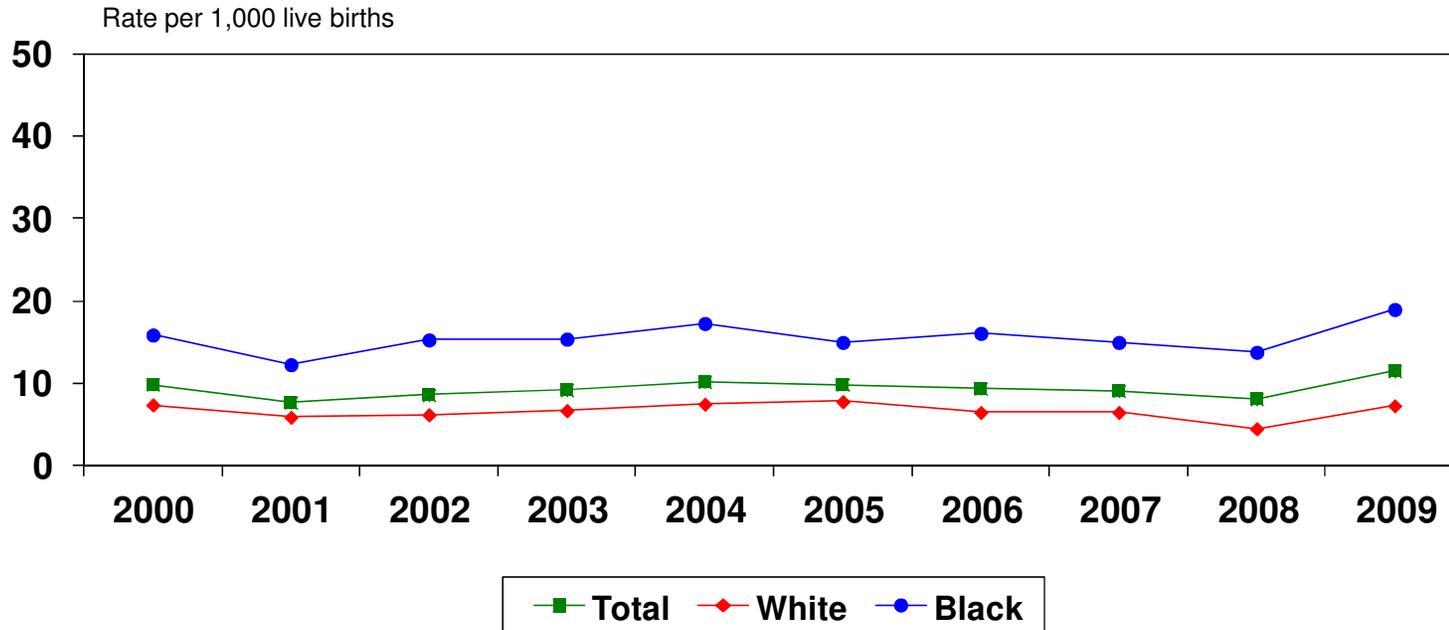


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	8.7	10.1	10.6	7.9	9.9	10.8	10.1	9.9	8.6	7.9
White	5.5	7.6	8.1	6.7	6.6	6.6	7.5	8.3	5.4	6.2
Black	15.5	15.7	15.7	10.9	16.9	19.3	15.9	13.9	13.5	10.3

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

Infant Mortality Rates by Race

Marion County Residents, 2000-2009

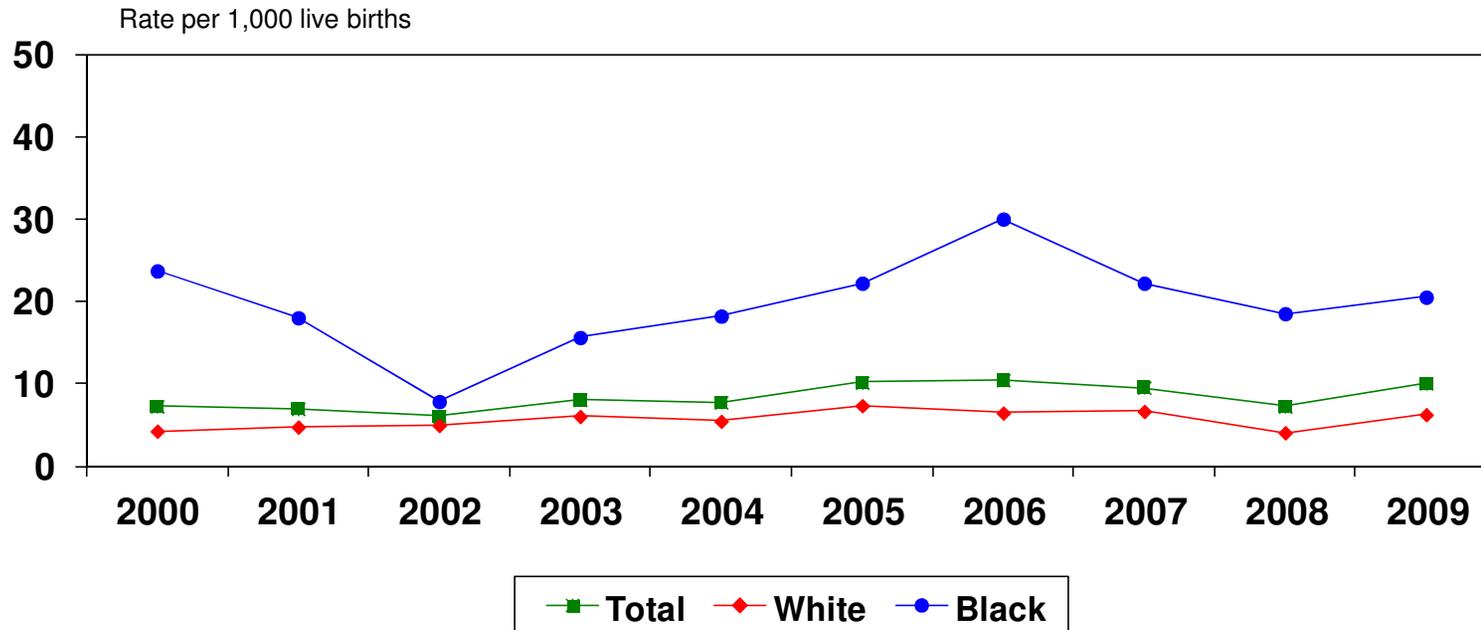


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	9.9	7.7	8.6	9.2	10.2	9.9	9.4	9.1	8.1	11.5
White	7.4	5.9	6.2	6.7	7.5	7.8	6.5	6.5	4.5	7.3
Black	15.9	12.3	15.3	15.4	17.3	15.0	16.1	15.0	13.8	19.0

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

Infant Mortality Rates by Race

St. Joseph County Residents, 2000-2009



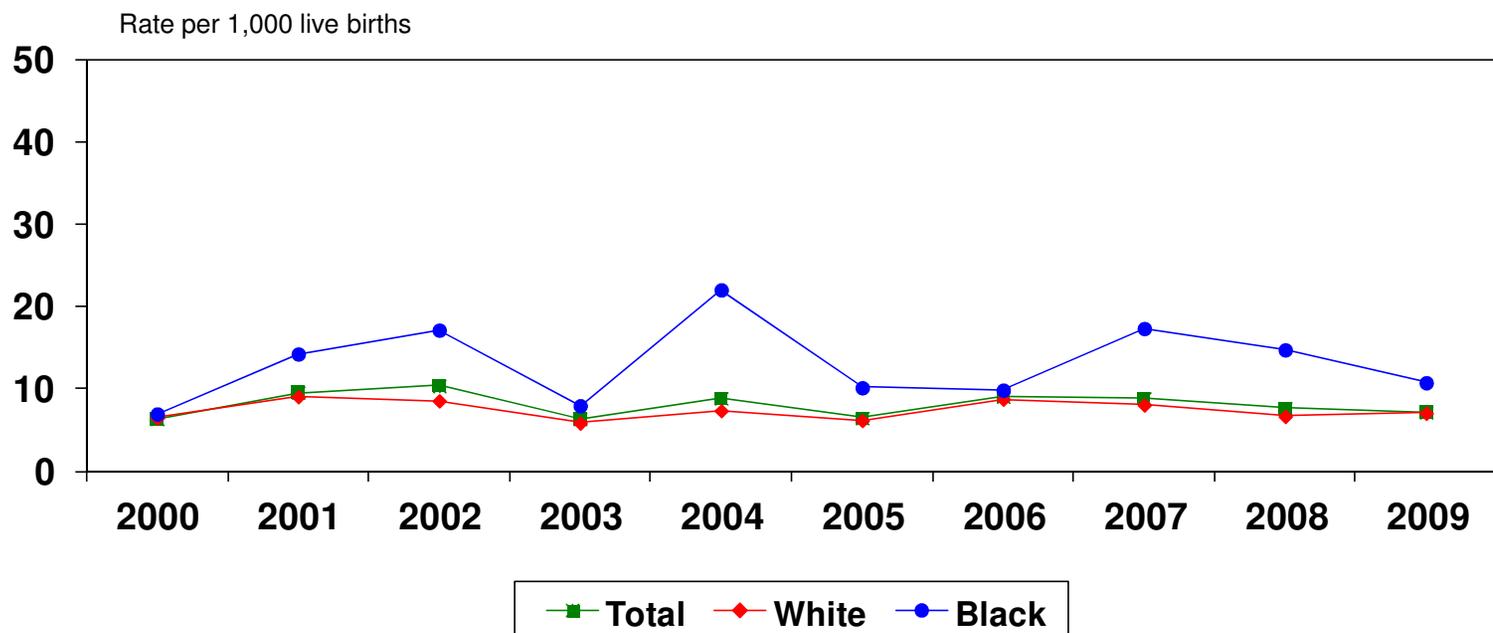
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	7.3	7.0	6.1	8.1	7.8	10.2	10.5	9.6	7.3	10.1
White	4.3*	4.8*	5.0*	6.1*	5.5*	7.4	6.5	6.7	4.1*	6.3*
Black	23.8*	18.1*	7.9*	15.7*	18.3*	22.3*	30.1	22.3*	18.6*	20.6*

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

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

Infant Mortality Rates by Race

Vanderburgh County Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	6.4*	9.6	10.4	6.4*	8.9	6.5*	9.1	8.9	7.7*	7.2*
White	6.5*	9.1*	8.6*	5.9*	7.4*	6.2*	8.8*	8.1*	6.7*	7.1*
Black	7.0*	14.3*	17.2*	8.0*	22.1*	10.2*	9.9*	17.4*	14.8*	10.8*

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

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

**Infant Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2000-2009**

	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009	
	Number	Rate																		
INDIANA	676	7.7	652	7.6	649	7.6	641	7.4	702	8.1	699	8.0	702	7.9	677	7.5	616	6.9	675	7.8
White	511	6.7	514	6.8	479	6.5	479	6.4	522	6.9	519	6.9	495	6.4	499	6.5	409	5.5	458	6.4
Black	150	15.9	130	13.6	144	15.6	148	15.9	164	17.1	166	16.9	188	18.1	162	15.7	156	14.9	164	16.1
Ratio		2.4		2.0		2.4		2.5		2.5		2.4		2.8		2.4		2.7		2.5
ALL RACES	313	8.6	286	8.0	296	8.3	307	8.5	334	9.1	343	9.4	369	9.7	323	8.6	310	8.4	349	9.5
Allen	32	6.1	34	6.3	34	6.6	44	8.4	41	7.7	43	8.1	52	9.5	42	7.7	54	9.8	50	9.2
Elkhart	31	9.4	22	7.0	18	6.0	28	8.8	22	6.8	26	7.5	36	10.1	16	4.5	29	8.5	17	5.4
Lake	61	8.7	70	10.1	72	10.6	55	7.9	69	9.9	74	10.8	70	10.1	67	9.9	57	8.6	53	7.9
Marion	145	9.9	111	7.7	125	8.6	135	9.2	151	10.2	145	9.9	146	9.4	140	9.1	124	8.1	176	11.5
St. Joseph	29	7.3	27	7.0	23	6.1	30	8.1	30	7.8	39	10.2	42	10.5	36	9.6	28	7.3	36	10.1
Vanderburgh	15	6.4	22	9.6	24	10.4	15	6.4	21	8.9	16	6.5	23	9.1	22	8.9	18	7.7	17	7.2
WHITE	176	6.4	171	6.3	166	6.2	177	6.5	188	6.8	193	7.0	197	7.0	180	6.5	140	5.3	173	6.7
Allen	18	4.2	27	6.1	18	4.2	27	6.2	30	6.8	27	6.2	25	5.6	25	5.7	26	6.3	31	7.5
Elkhart	29	9.5	17	5.9	16	5.8	20	6.8	17	5.7	22	6.8	29	8.9	12	3.7	21	6.8	11	3.9
Lake	26	5.5	35	7.6	37	8.1	31	6.7	31	6.6	30	6.6	34	7.5	37	8.3	22	5.4	26	6.2
Marion	76	7.4	59	5.9	63	6.2	69	6.7	78	7.5	79	7.8	69	6.5	69	6.5	46	4.5	74	7.3
St. Joseph	14	4.3	15	4.8	15	5.0	18	6.1	17	5.5	22	7.4	21	6.5	20	6.7	12	4.1	17	6.3
Vanderburgh	13	6.5	18	9.1	17	8.6	12	5.9	15	7.4	13	6.2	19	8.8	17	8.1	13	6.7	14	7.1
BLACK	128	15.7	110	13.3	118	14.8	121	15.0	140	17.0	142	17.0	165	18.6	135	15.6	140	15.8	144	16.8
Allen	11	14.8	6	7.4	11	15.6	16	21.8	9	11.7	14	18.1	27	31.1	16	18.1	24	26.0	18	20.5
Elkhart	1	4.7	3	16.1	2	9.9	7	35.4	5	22.9	4	18.7	6	23.9	3	12.0	7	26.7	4	17.7
Lake	35	15.5	35	15.7	34	15.7	24	10.9	37	16.9	43	19.3	36	15.9	30	13.9	30	13.5	22	10.3
Marion	64	15.9	50	12.3	61	15.3	62	15.4	71	17.3	62	15.0	72	16.1	66	15.0	61	13.8	83	19.0
St. Joseph	15	23.8	12	18.1	5	7.9	10	15.7	12	18.3	16	22.3	21	30.1	15	22.3	14	18.6	14	20.6
Vanderburgh	2	7.0	4	14.3	5	17.2	2	8.0	6	22.1	3	10.2	3	9.9	5	17.4	4	14.8	3	10.8
RATIO																				
Allen		3.6		1.2		3.7		3.5		1.7		2.9		5.6		3.2		4.1		2.7
Elkhart		0.5		2.7		1.7		5.2		4.0		2.8		2.7		3.2		3.9		4.5
Lake		2.8		2.1		1.9		1.6		2.6		2.9		2.1		1.7		2.5		1.7
Marion		2.1		2.1		2.5		2.3		2.3		1.9		2.5		2.3		3.1		2.6
St. Joseph		5.5		3.8		1.6		2.6		3.3		3.0		4.6		3.3		4.5		3.3
Vanderburgh		1.1		1.6		2.0		1.4		3.0		1.6		1.1		2.1		2.2		1.5

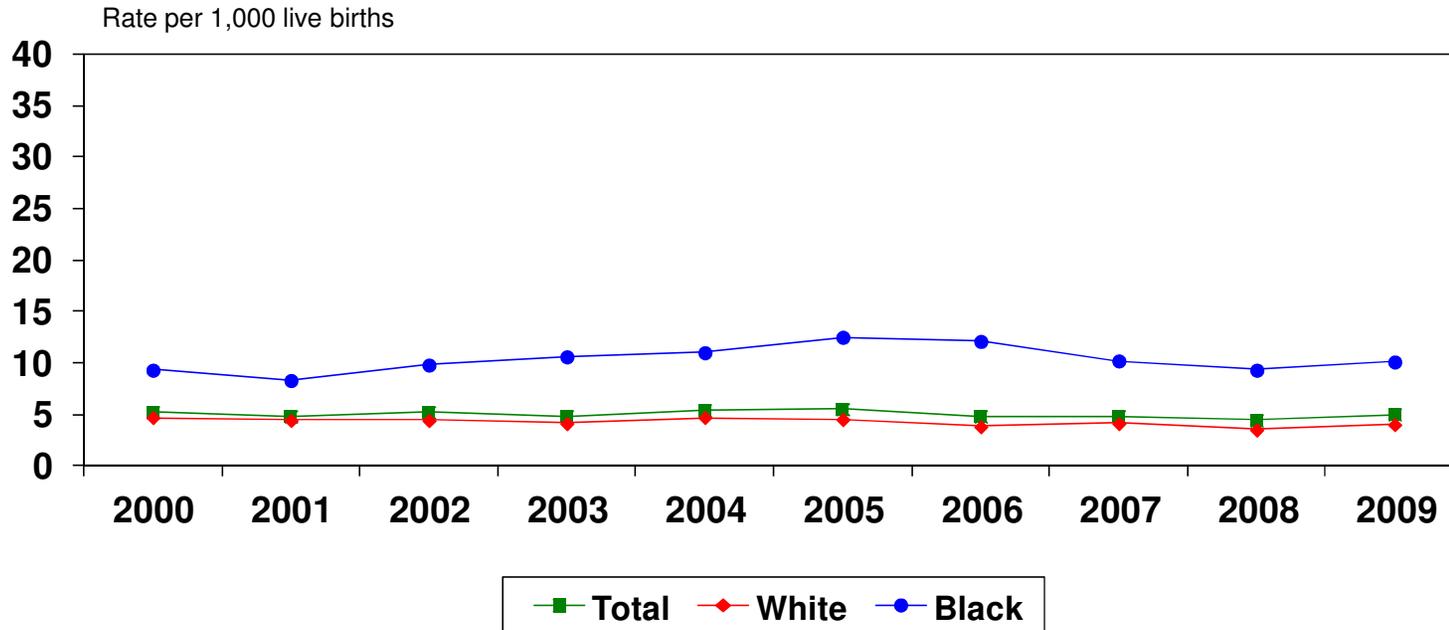
Rate per 1,000 live births.

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

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

Neonatal Mortality Rates by Race

Indiana Residents, 2000-2009

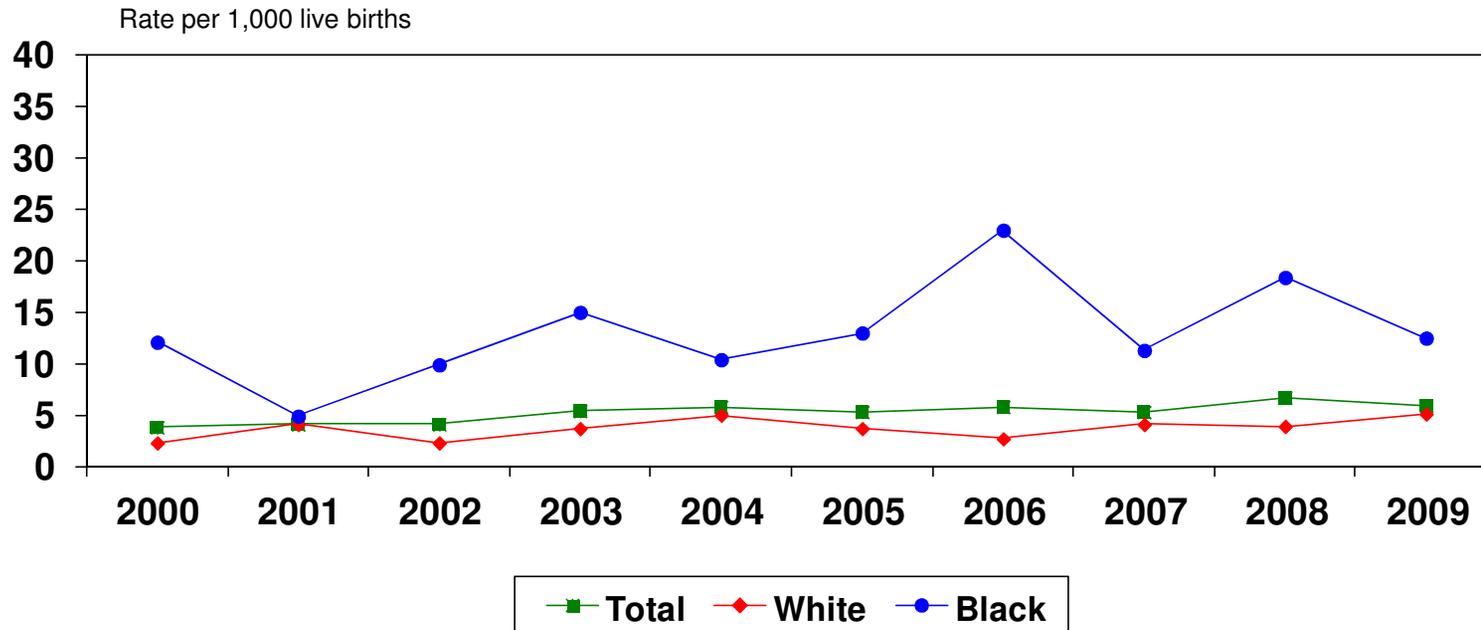


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	5.2	4.8	5.2	4.8	5.4	5.5	4.8	4.8	4.4	5.0
White	4.7	4.4	4.4	4.1	4.7	4.5	3.8	4.1	3.5	4.0
Black	9.3	8.3	9.8	10.6	11.0	12.5	12.1	10.2	9.3	10.1

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

Neonatal Mortality Rates by Race

Allen County Residents, 2000-2009

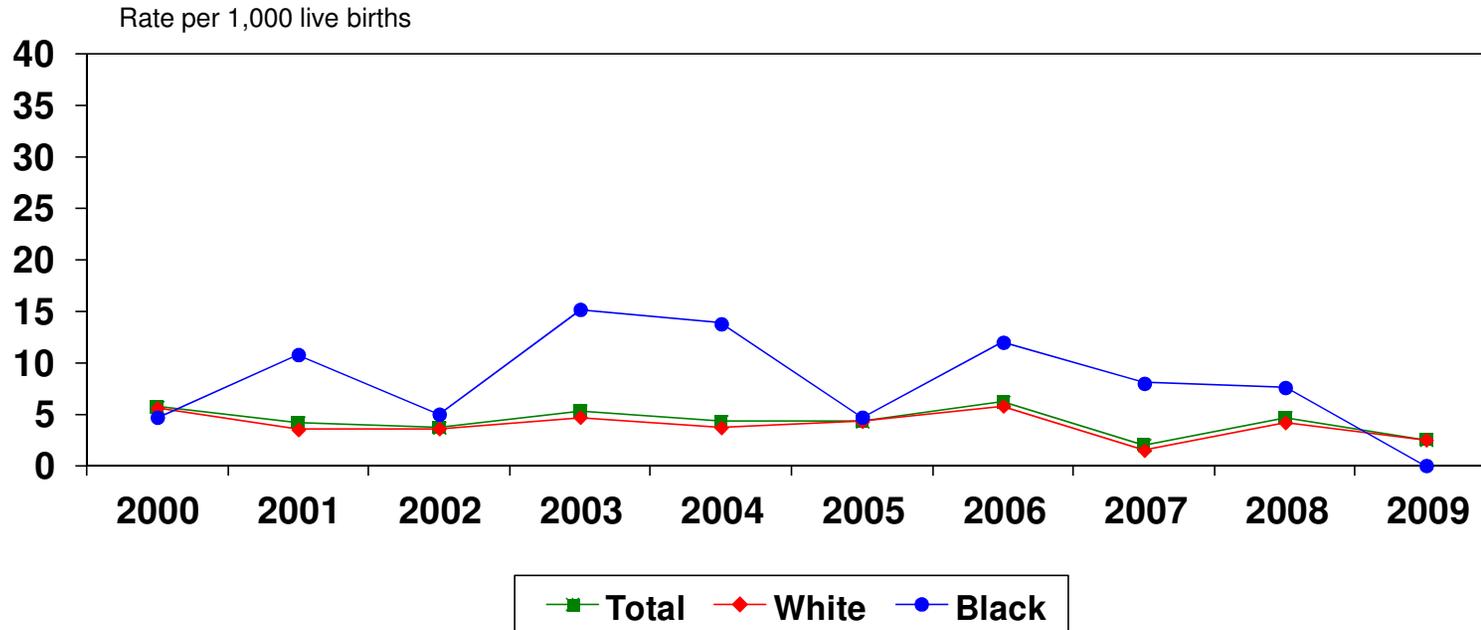


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	3.8	4.1	4.1	5.4	5.8	5.3	5.8	5.3	6.7	5.9
White	2.3*	4.1*	2.3*	3.7*	5.0	3.7*	2.7*	4.1*	3.9*	5.1
Black	12.1*	4.9*	9.9*	15.0*	10.4*	13.0*	23.0	11.3*	18.4*	12.5*

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

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

Neonatal Mortality Rates by Race Elkhart County Residents, 2000-2009



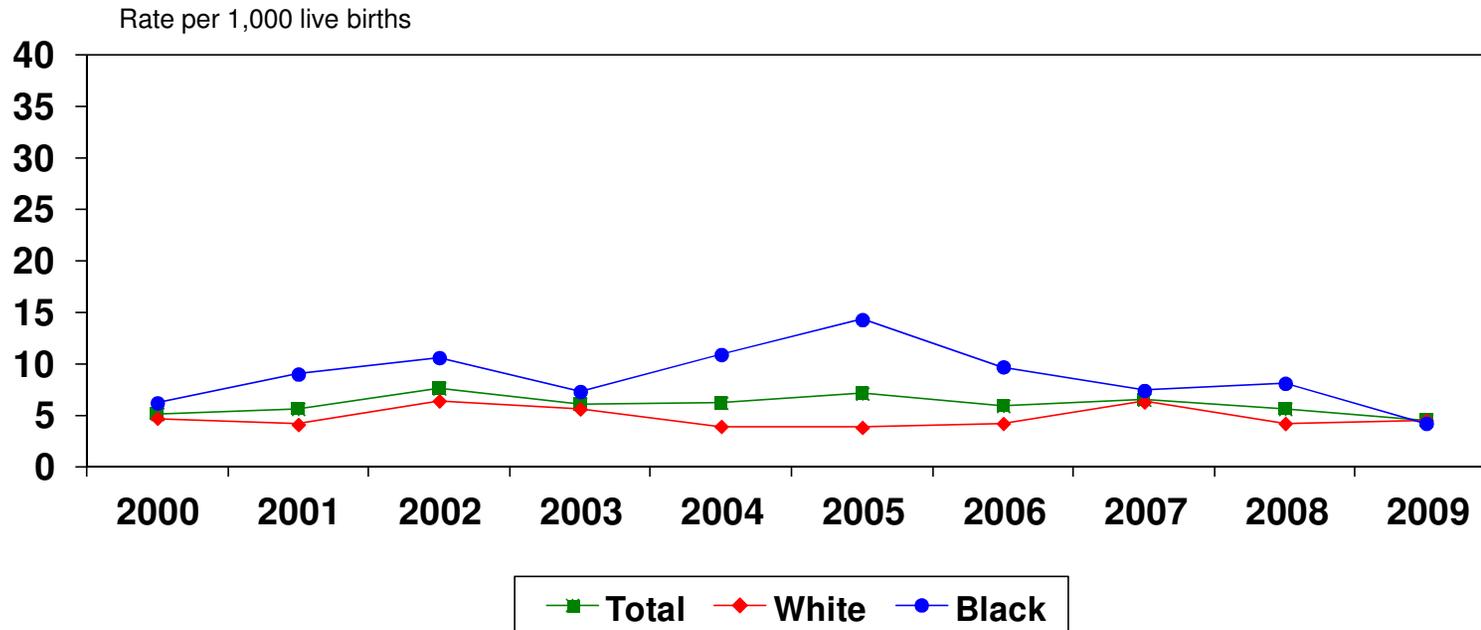
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	5.7*	4.2*	3.7*	5.3*	4.3*	4.3*	6.2	2.0*	4.7*	2.5*
White	5.6*	3.5*	3.6*	4.7*	3.7*	4.3*	5.8*	1.5*	4.2*	2.5*
Black	4.7*	10.8*	5.0*	15.2*	13.8*	4.7*	12.0*	8.0*	7.6*	0.0*

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

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

Neonatal Mortality Rates by Race

Lake County Residents, 2000-2009

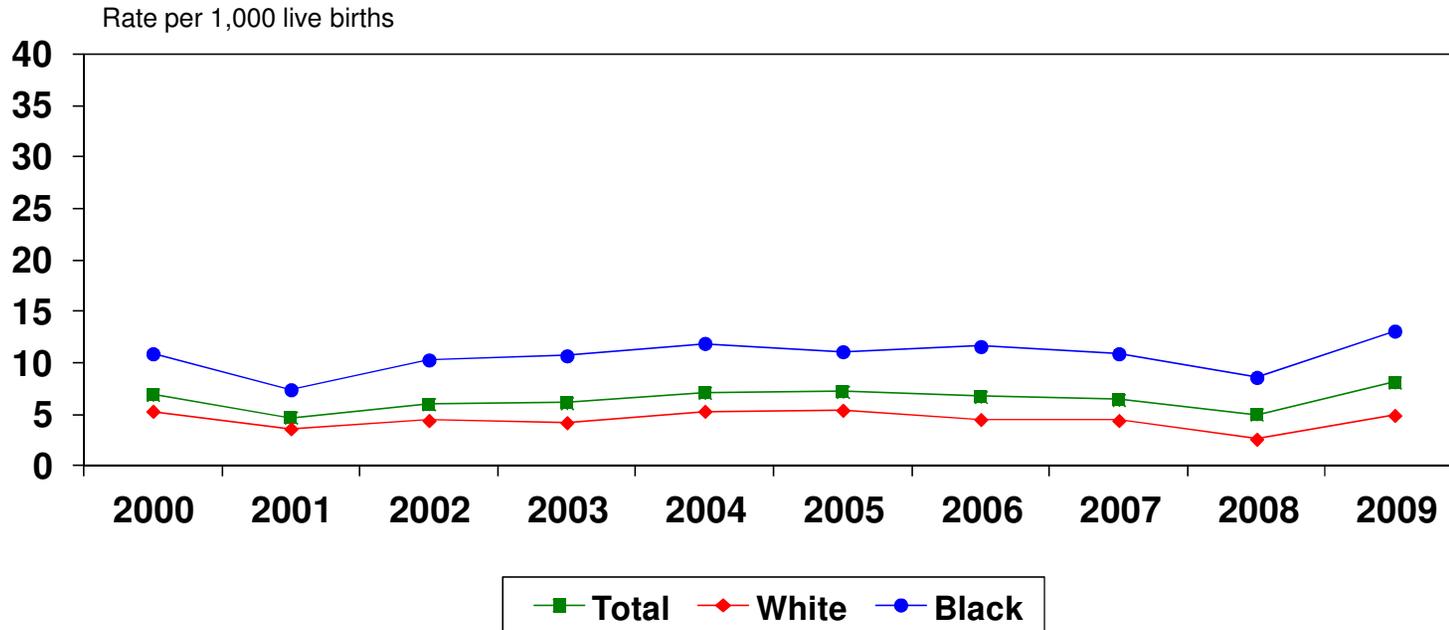


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	5.1	5.6	7.6	6.1	6.2	7.1	5.9	6.5	5.6	4.5
White	4.7	4.1*	6.4	5.6	3.9*	3.8*	4.2*	6.3	4.2*	4.5*
Black	6.2*	9.0	10.6	7.3*	10.9	14.3	9.7	7.4*	8.1*	4.2*

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

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

Neonatal Mortality Rates by Race Marion County Residents, 2000-2009

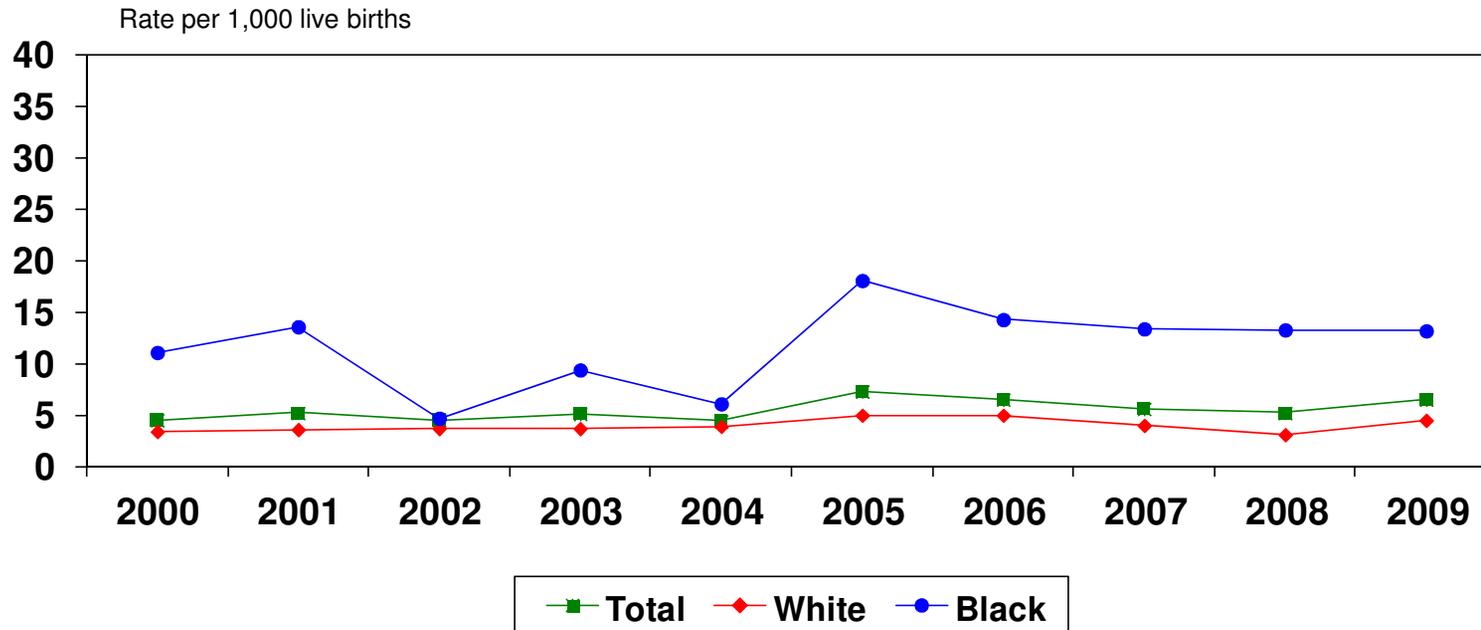


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	6.9	4.7	6.0	6.1	7.1	7.2	6.7	6.4	5.0	8.1
White	5.3	3.6	4.4	4.2	5.3	5.4	4.5	4.4	2.6	4.9
Black	10.9	7.4	10.3	10.7	11.9	11.1	11.6	10.9	8.6	13.1

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

Neonatal Mortality Rates by Race

St. Joseph County Residents, 2000-2009



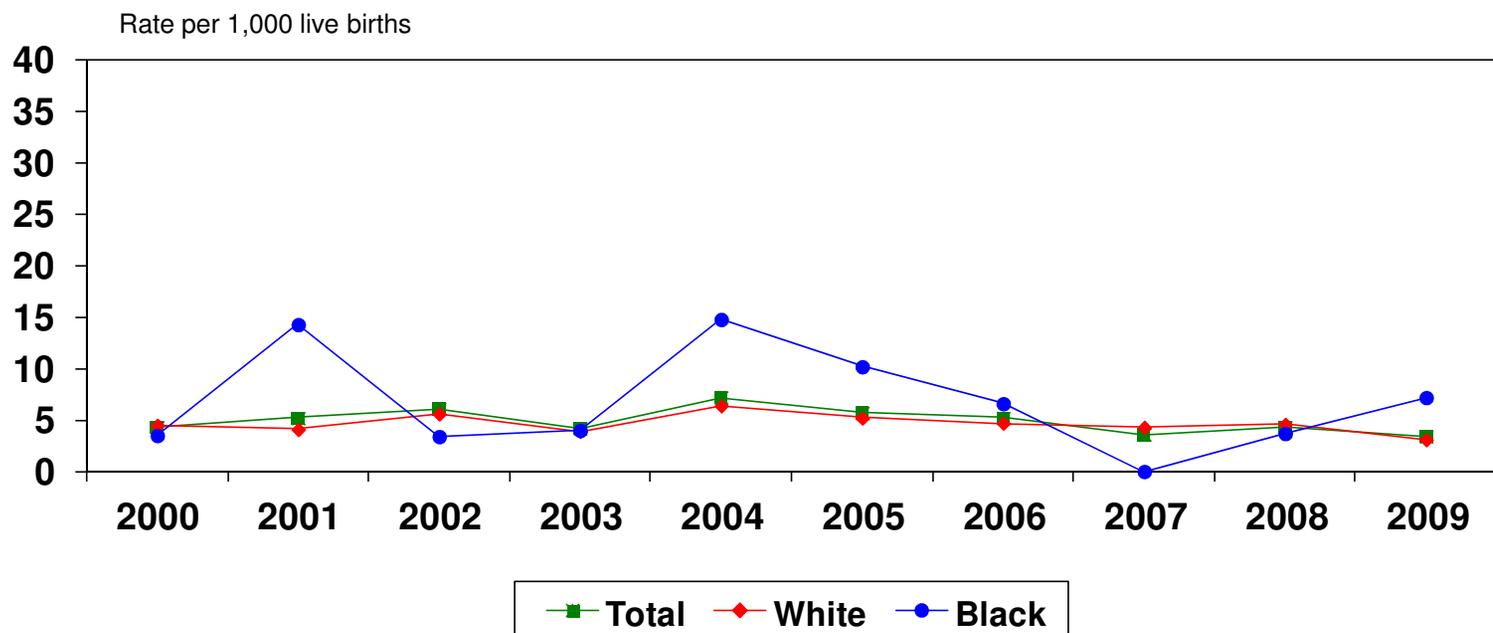
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	4.5*	5.2	4.5*	5.1*	4.4*	7.3	6.5	5.6	5.2	6.5
White	3.4*	3.6*	3.7*	3.7*	3.9*	5.0*	5.0*	4.0*	3.1*	4.5*
Black	11.1*	13.6*	4.7*	9.4*	6.1*	18.1*	14.3*	13.4*	13.3*	13.2*

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

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

Neonatal Mortality Rates by Race

Vanderburgh County Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	4.3*	5.2*	6.1*	4.2*	7.2*	5.7*	5.2*	3.6*	4.3*	3.4*
White	4.5*	4.1*	5.6*	3.9*	6.4*	5.2*	4.7*	4.3*	4.6*	3.1*
Black	3.5*	14.3*	3.4*	4.0*	14.8*	10.2*	6.6*	0.0*	3.7*	7.2*

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

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

**Neonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2000-2009**

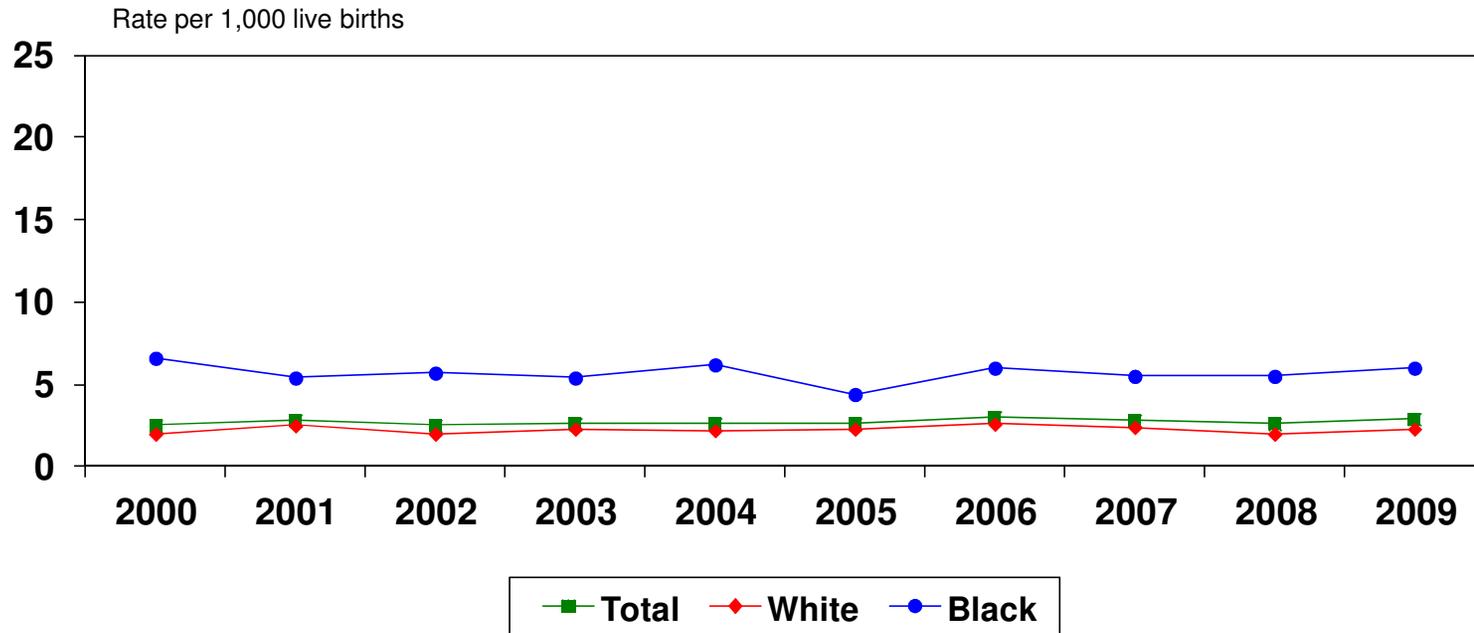
	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009	
	Number	Rate																		
INDIANA	454	5.2	414	4.8	441	5.2	417	4.8	472	5.4	475	5.5	433	4.8	428	4.8	387	4.4	428	5.0
White	358	4.7	330	4.4	329	4.4	309	4.1	354	4.7	343	4.5	296	3.8	313	4.1	258	3.5	290	4.0
Black	88	9.3	79	8.3	91	9.8	98	10.6	105	11.0	123	12.5	126	12.1	105	10.2	98	9.3	103	10.1
Ratio		2.0		1.9		2.2		2.6		2.3		2.8		3.2		2.5		2.7		2.5
ALL RACES	204	5.6	174	4.8	202	5.7	205	5.7	228	6.2	239	6.5	238	6.3	208	5.6	196	5.3	225	6.1
Allen	20	3.8	22	4.1	21	4.1	28	5.4	31	5.8	28	5.3	32	5.8	29	5.3	37	6.7	32	5.9
Elkhart	19	5.7	13	4.2	11	3.7	17	5.3	14	4.3	15	4.3	22	6.2	7	2.0	16	4.7	8	2.5
Lake	36	5.1	39	5.6	52	7.6	42	6.1	43	6.2	49	7.1	41	5.9	44	6.5	37	5.6	30	4.5
Marion	101	6.9	68	4.7	87	6.0	89	6.1	106	7.1	105	7.2	104	6.7	98	6.4	76	5.0	124	8.1
St. Joseph	18	4.5	20	5.2	17	4.5	19	5.1	17	4.4	28	7.3	26	6.5	21	5.6	20	5.2	23	6.5
Vanderburgh	10	4.3	12	5.2	14	6.1	10	4.2	17	7.2	14	5.7	13	5.2	9	3.6	10	4.3	8	3.4
WHITE	123	4.5	102	3.8	116	4.3	118	4.3	131	4.8	128	4.7	124	4.4	118	4.3	90	3.4	115	4.4
Allen	10	2.3	18	4.1	10	2.3	16	3.7	22	5.0	16	3.7	12	2.7	18	4.1	16	3.9	21	5.1
Elkhart	17	5.6	10	3.5	10	3.6	14	4.7	11	3.7	14	4.3	19	5.8	5	1.5	13	4.2	7	2.5
Lake	22	4.7	19	4.1	29	6.4	26	5.6	18	3.9	17	3.8	19	4.2	28	6.3	17	4.2	19	4.5
Marion	54	5.3	36	3.6	45	4.4	43	4.2	55	5.3	55	5.4	48	4.5	46	4.4	26	2.6	50	4.9
St. Joseph	11	3.4	11	3.6	11	3.7	11	3.7	12	3.9	15	5.0	16	5.0	12	4.0	9	3.1	12	4.5
Vanderburgh	9	4.5	8	4.1	11	5.6	8	3.9	13	6.4	11	5.2	10	4.7	9	4.3	9	4.6	6	3.1
BLACK	76	9.3	69	8.4	76	9.5	80	9.9	92	11.2	105	12.6	109	12.3	85	9.8	86	9.7	88	10.3
Allen	9	12.1	4	4.9	7	9.9	11	15.0	8	10.4	10	13.0	20	23.0	10	11.3	17	18.4	11	12.5
Elkhart	1	4.7	2	10.8	1	5.0	3	15.2	3	13.8	1	4.7	3	12.0	2	8.0	2	7.6	0	0.0
Lake	14	6.2	20	9.0	23	10.6	16	7.3	24	10.9	32	14.3	22	9.7	16	7.4	18	8.1	9	4.2
Marion	44	10.9	30	7.4	41	10.3	43	10.7	49	11.9	46	11.1	52	11.6	48	10.9	38	8.6	57	13.1
St. Joseph	7	11.1	9	13.6	3	4.7	6	9.4	4	6.1	13	18.1	10	14.3	9	13.4	10	13.3	9	13.2
Vanderburgh	1	3.5	4	14.3	1	3.4	1	4.0	4	14.8	3	10.2	2	6.6	0	0.0	1	3.7	2	7.2
RATIO																				
Allen		5.2		1.2		4.3		4.1		2.1		3.5		8.5		2.8		4.7		2.5
Elkhart		0.8		3.1		1.4		3.2		3.7		1.1		2.1		5.3		1.8		0.0
Lake		1.3		2.2		1.7		1.3		2.8		3.8		2.3		1.2		1.9		0.9
Marion		2.1		2.1		2.3		2.5		2.2		2.1		2.6		2.5		3.3		2.7
St. Joseph		3.3		3.8		1.3		2.5		1.6		3.6		2.9		3.4		4.3		2.9
Vanderburgh		0.8		3.5		0.6		1.0		2.3		2.0		1.4		0.0		0.8		2.3

Rate per 1,000 live births.

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

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

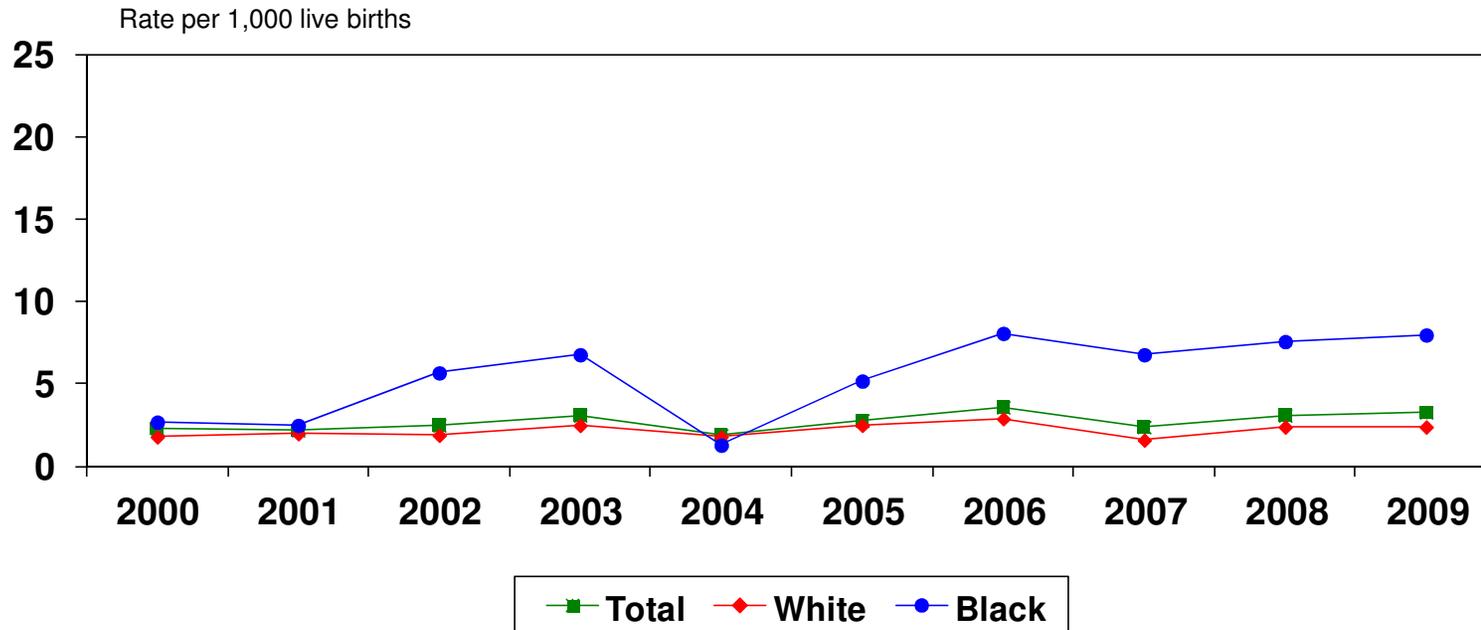
Postneonatal Mortality Rates by Race Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	2.5	2.8	2.5	2.6	2.6	2.6	3.0	2.8	2.6	2.9
White	2.0	2.5	2.0	2.3	2.2	2.3	2.6	2.4	2.0	2.3
Black	6.6	5.4	5.7	5.4	6.2	4.4	6.0	5.5	5.5	6.0

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

Postneonatal Mortality Rates by Race Allen County Residents, 2000-2009

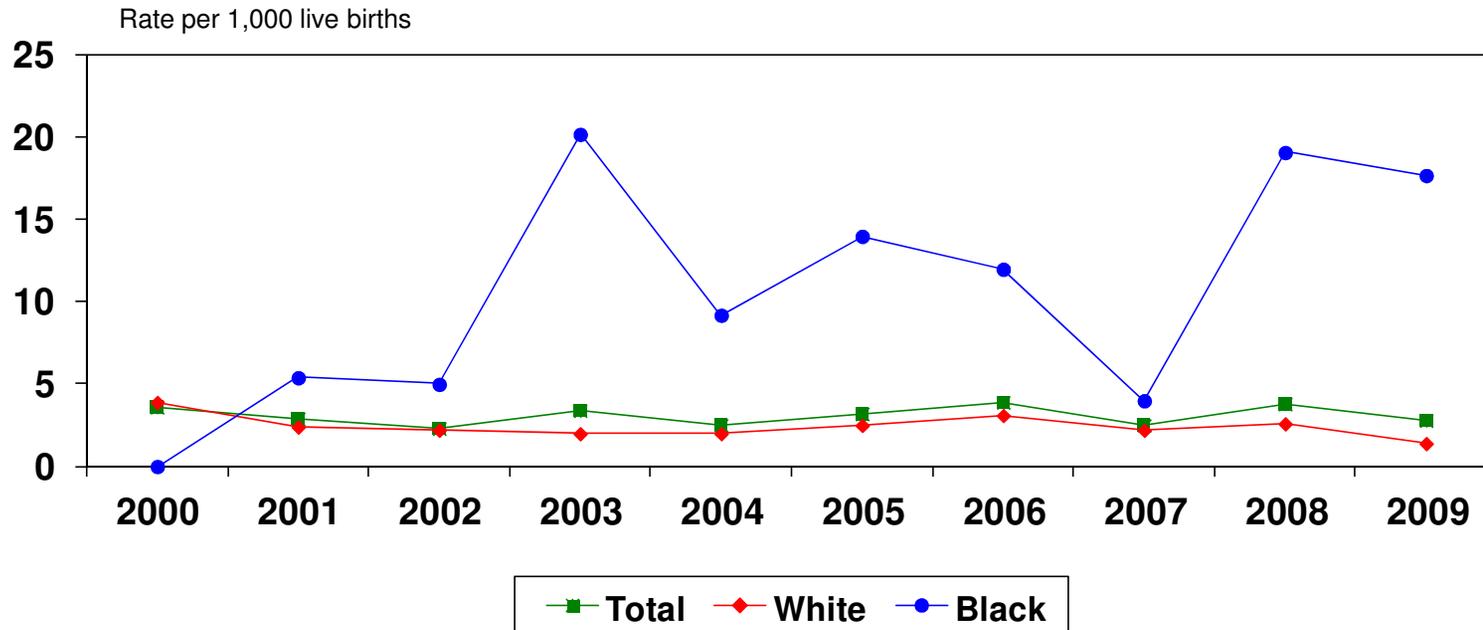


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	2.3*	2.2*	2.5*	3.1*	1.9*	2.8*	3.6	2.4*	3.1*	3.3*
White	1.8*	2.0*	1.8*	2.5*	1.8*	2.5*	2.9*	1.6*	2.4*	2.4*
Black	2.7*	2.5*	5.7*	6.8*	1.3*	5.2*	8.1*	6.8*	7.6*	8.0*

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

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

Postneonatal Mortality Rates by Race Elkhart County Residents, 2000-2009

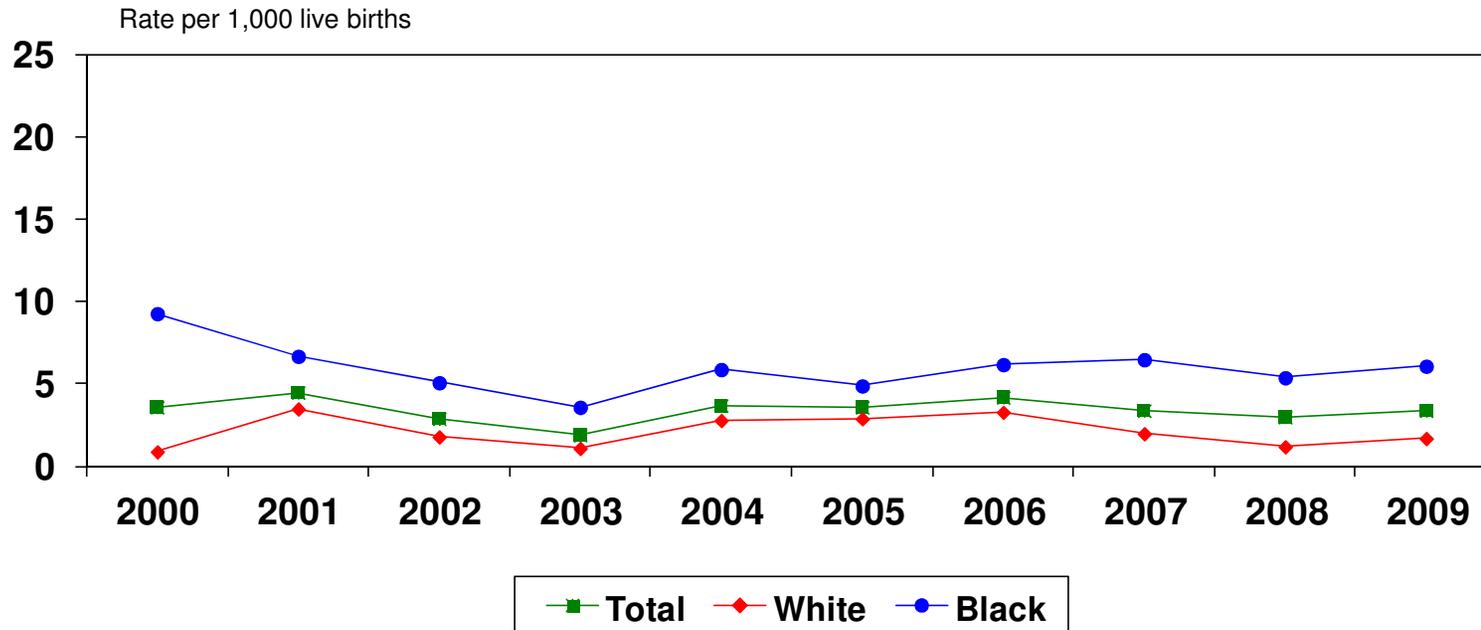


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	3.6*	2.9*	2.3*	3.4*	2.5*	3.2*	3.9*	2.5*	3.8*	2.8*
White	3.9*	2.4*	2.2*	2.0*	2.0*	2.5*	3.1*	2.2*	2.6*	1.4*
Black	0.0*	5.4*	5.0*	20.2*	9.2*	14.0*	12.0*	4.0*	19.1*	17.7*

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

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

Postneonatal Mortality Rates by Race Lake County Residents, 2000-2009



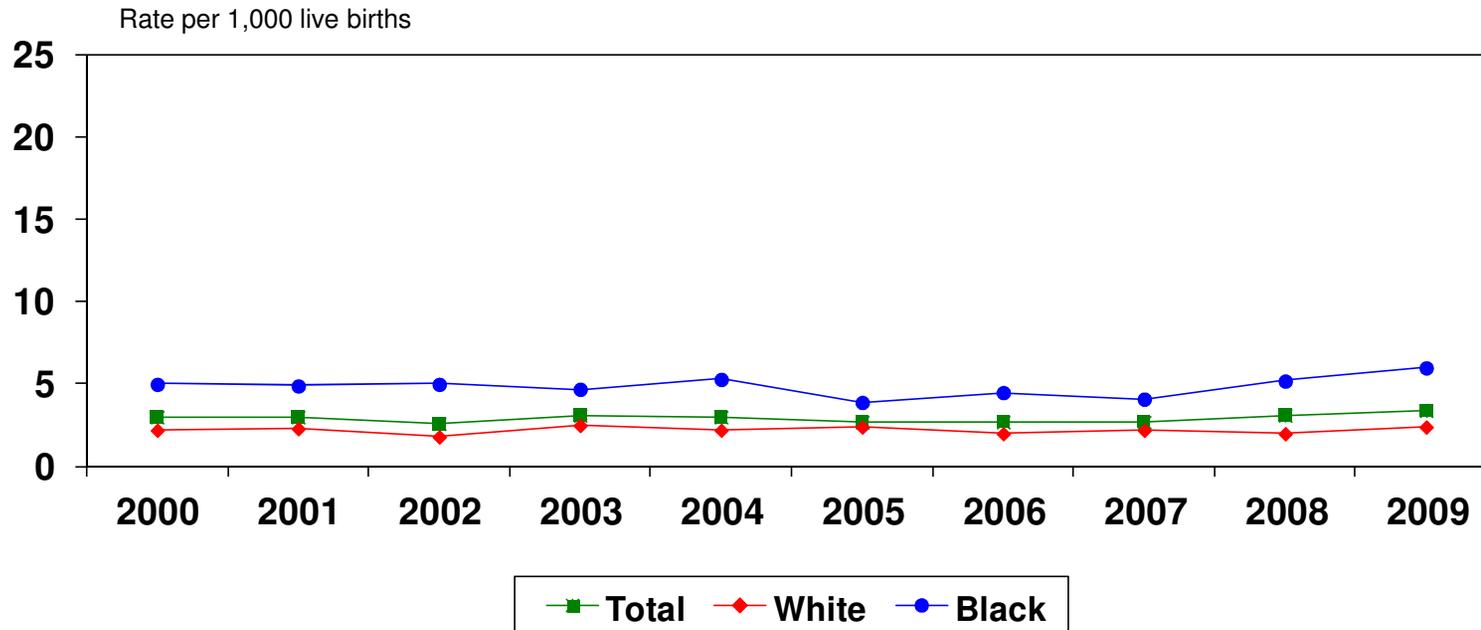
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	3.6	4.5	2.9	1.9*	3.7	3.6	4.2	3.4	3.0	3.4
White	0.9*	3.5*	1.8*	1.1*	2.8*	2.9*	3.3*	2.0*	1.2*	1.7*
Black	9.3	6.7*	5.1*	3.6*	5.9*	4.9*	6.2*	6.5*	5.4*	6.1*

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

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

Postneonatal Mortality Rates by Race

Marion County Residents, 2000-2009

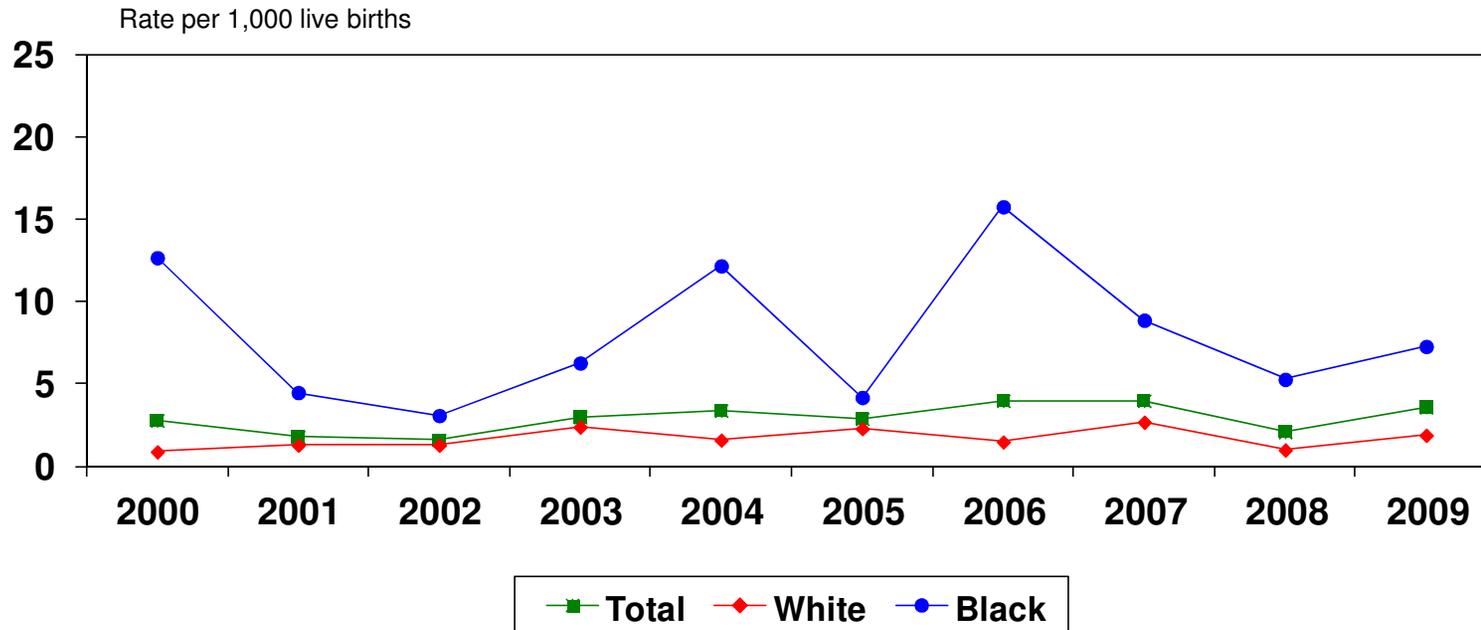


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	3.0	3.0	2.6	3.1	3.0	2.7	2.7	2.7	3.1	3.4
White	2.2	2.3	1.8*	2.5	2.2	2.4	2.0	2.2	2.0	2.4
Black	5.0	4.9	5.0	4.7*	5.3	3.9*	4.5	4.1*	5.2	6.0

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

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

Postneonatal Mortality Rates by Race St. Joseph County Residents, 2000-2009

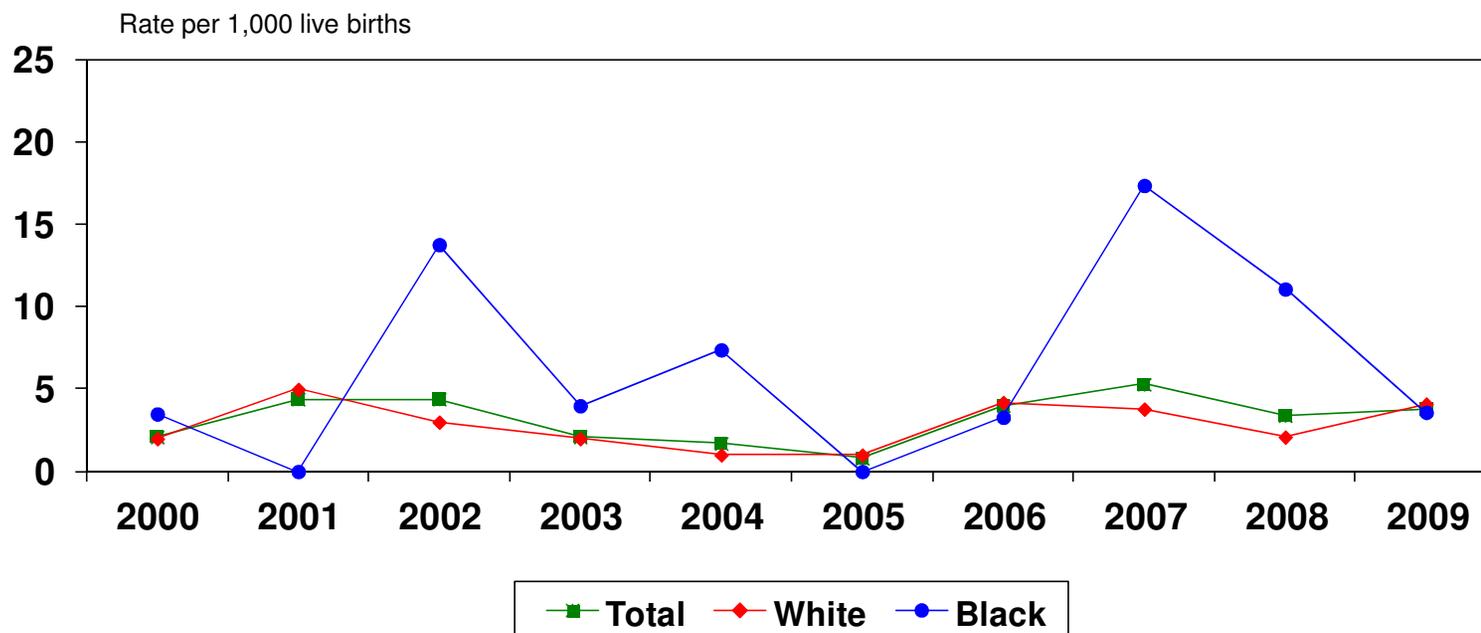


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	2.8*	1.8*	1.6*	3.0*	3.4*	2.9*	4.0*	4.0*	2.1*	3.6*
White	0.9*	1.3*	1.3*	2.4*	1.6*	2.3*	1.5*	2.7*	1.0*	1.9*
Black	12.7*	4.5*	3.1*	6.3*	12.2*	4.2*	15.8*	8.9*	5.3*	7.3*

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

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

Postneonatal Mortality Rates by Race Vanderburgh County Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	2.1*	4.4*	4.4*	2.1*	1.7*	0.8*	4.0*	5.3*	3.4*	3.8*
White	2.0*	5.1*	3.0*	2.0*	1.0*	1.0*	4.2*	3.8*	2.1*	4.1*
Black	3.5*	0.0*	13.7*	4.0*	7.4*	0.0*	3.3*	17.4*	11.1*	3.6*

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

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

**Postneonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2000-2009**

	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009	
	Number	Rate																		
INDIANA	222	2.5	238	2.8	208	2.5	224	2.6	230	2.6	224	2.6	269	3.0	249	2.8	229	2.6	247	2.9
White	153	2.0	184	2.5	150	2.0	170	2.3	168	2.2	176	2.3	199	2.6	186	2.4	151	2.0	168	2.3
Black	62	6.6	51	5.4	53	5.7	50	5.4	59	6.2	43	4.4	62	6.0	57	5.5	58	5.5	61	6.0
Ratio		3.3		2.2		2.9		2.3		2.8		1.9		2.3		2.3		2.8		2.6
ALL RACES	109	3.0	112	3.1	94	2.6	102	2.8	106	2.9	104	2.8	131	3.4	115	3.1	114	3.1	124	3.4
Allen	12	2.3	12	2.2	13	2.5	16	3.1	10	1.9	15	2.8	20	3.6	13	2.4	17	3.1	18	3.3
Elkhart	12	3.6	9	2.9	7	2.3	11	3.4	8	2.5	11	3.2	14	3.9	9	2.5	13	3.8	9	2.8
Lake	25	3.6	31	4.5	20	2.9	13	1.9	26	3.7	25	3.6	29	4.2	23	3.4	20	3.0	23	3.4
Marion	44	3.0	43	3.0	38	2.6	46	3.1	45	3.0	40	2.7	42	2.7	42	2.7	48	3.1	52	3.4
St. Joseph	11	2.8	7	1.8	6	1.6	11	3.0	13	3.4	11	2.9	16	4.0	15	4.0	8	2.1	13	3.6
Vanderburgh	5	2.1	10	4.4	10	4.4	5	2.1	4	1.7	2	0.8	10	4.0	13	5.3	8	3.4	9	3.8
WHITE	53	1.9	69	2.6	50	1.9	59	2.2	57	2.1	65	2.4	73	2.6	62	2.2	50	1.9	58	2.2
Allen	8	1.8	9	2.0	8	1.8	11	2.5	8	1.8	11	2.5	13	2.9	7	1.6	10	2.4	10	2.4
Elkhart	12	3.9	7	2.4	6	2.2	6	2.0	6	2.0	8	2.5	10	3.1	7	2.2	8	2.6	4	1.4
Lake	4	0.9	16	3.5	8	1.8	5	1.1	13	2.8	13	2.9	15	3.3	9	2.0	5	1.2	7	1.7
Marion	22	2.2	23	2.3	18	1.8	26	2.5	23	2.2	24	2.4	21	2.0	23	2.2	20	2.0	24	2.4
St. Joseph	3	0.9	4	1.3	4	1.3	7	2.4	5	1.6	7	2.3	5	1.5	8	2.7	3	1.0	5	1.9
Vanderburgh	4	2.0	10	5.1	6	3.0	4	2.0	2	1.0	2	1.0	9	4.2	8	3.8	4	2.1	8	4.1
BLACK	52	6.4	41	5.0	42	5.3	41	5.1	48	5.8	37	4.4	56	6.3	50	5.8	54	6.1	56	6.5
Allen	2	2.7	2	2.5	4	5.7	5	6.8	1	1.3	4	5.2	7	8.1	6	6.8	7	7.6	7	8.0
Elkhart	0	0.0	1	5.4	1	5.0	4	20.2	2	9.2	3	14.0	3	12.0	1	4.0	5	19.1	4	17.7
Lake	21	9.3	15	6.7	11	5.1	8	3.6	13	5.9	11	4.9	14	6.2	14	6.5	12	5.4	13	6.1
Marion	20	5.0	20	4.9	20	5.0	19	4.7	22	5.3	16	3.9	20	4.5	18	4.1	23	5.2	26	6.0
St. Joseph	8	12.7	3	4.5	2	3.1	4	6.3	8	12.2	3	4.2	11	15.8	6	8.9	4	5.3	5	7.3
Vanderburgh	1	3.5	0	0.0	4	13.7	1	4.0	2	7.4	0	0.0	1	3.3	5	17.4	3	11.1	1	3.6
RATIO																				
Allen		1.5		1.3		3.2		2.7		0.7		2.1		2.8		4.3		3.2		3.3
Elkhart		0.0		2.3		2.3		10.1		4.6		5.6		3.9		1.8		7.3		12.6
Lake		10.9		1.9		2.8		3.3		2.1		1.7		1.9		3.3		4.5		3.6
Marion		2.3		2.1		2.8		1.9		2.4		1.6		2.3		1.9		2.6		2.5
St. Joseph		13.7		3.5		2.4		2.6		7.6		1.8		10.5		3.3		5.3		3.8
Vanderburgh		1.8		0.0		4.6		2.0		7.4		0.0		0.8		4.6		5.3		0.9

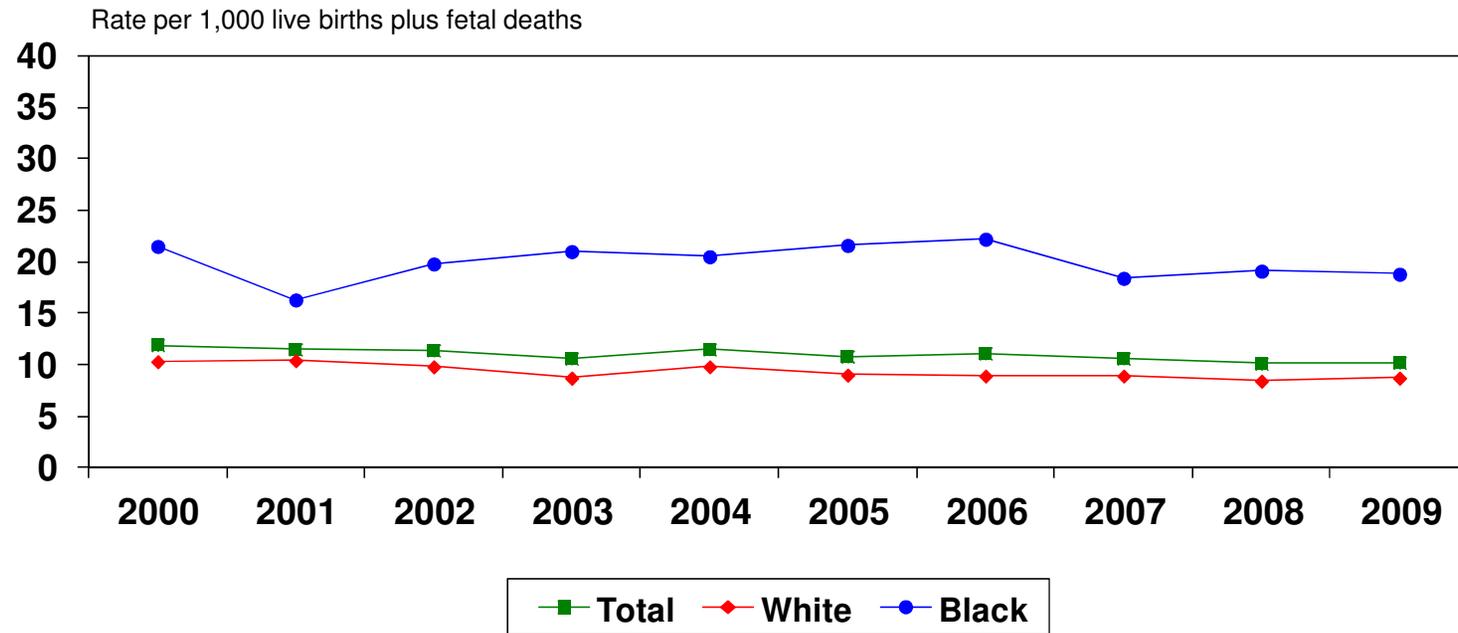
Rate per 1,000 live births.

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

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

Perinatal Mortality Rates by Race

Indiana Residents, 2000-2009

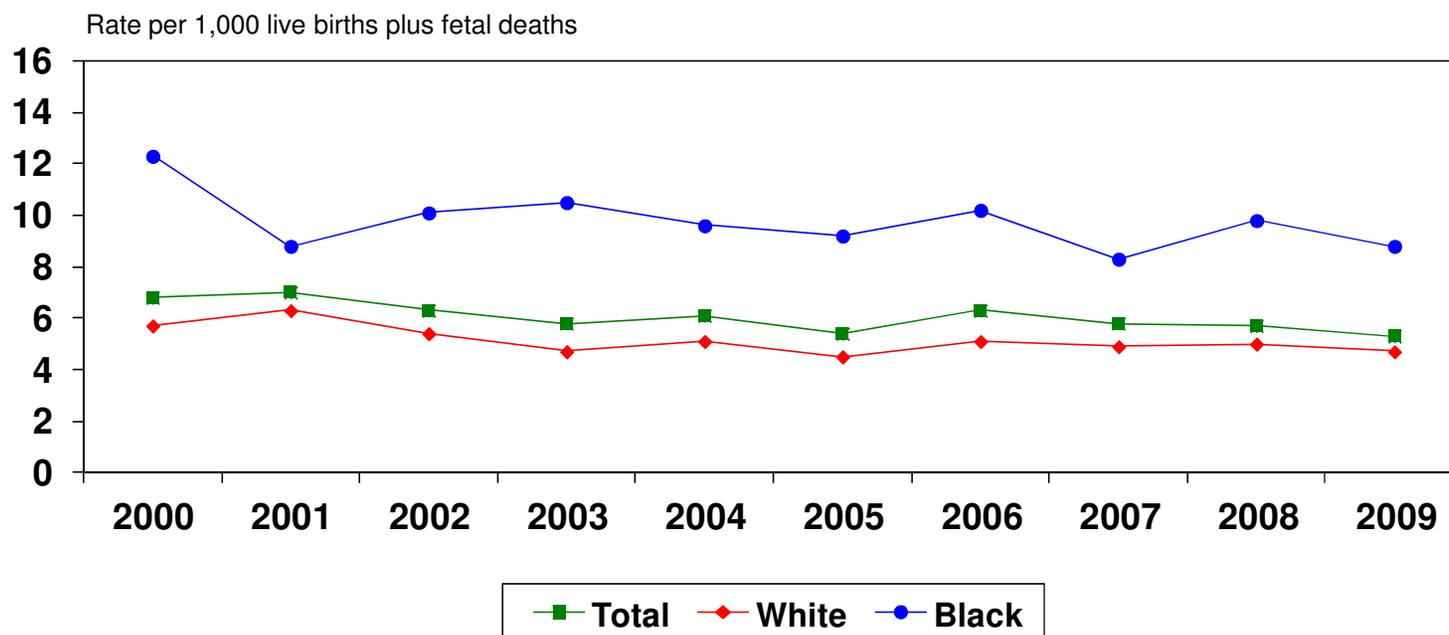


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	11.9	11.5	11.4	10.6	11.5	10.8	11.1	10.6	10.1	10.2
White	10.3	10.4	9.8	8.7	9.8	9.0	8.9	8.9	8.4	8.7
Black	21.5	16.3	19.8	21.0	20.5	21.6	22.2	18.4	19.1	18.8

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

Fetal Mortality Rates by Race

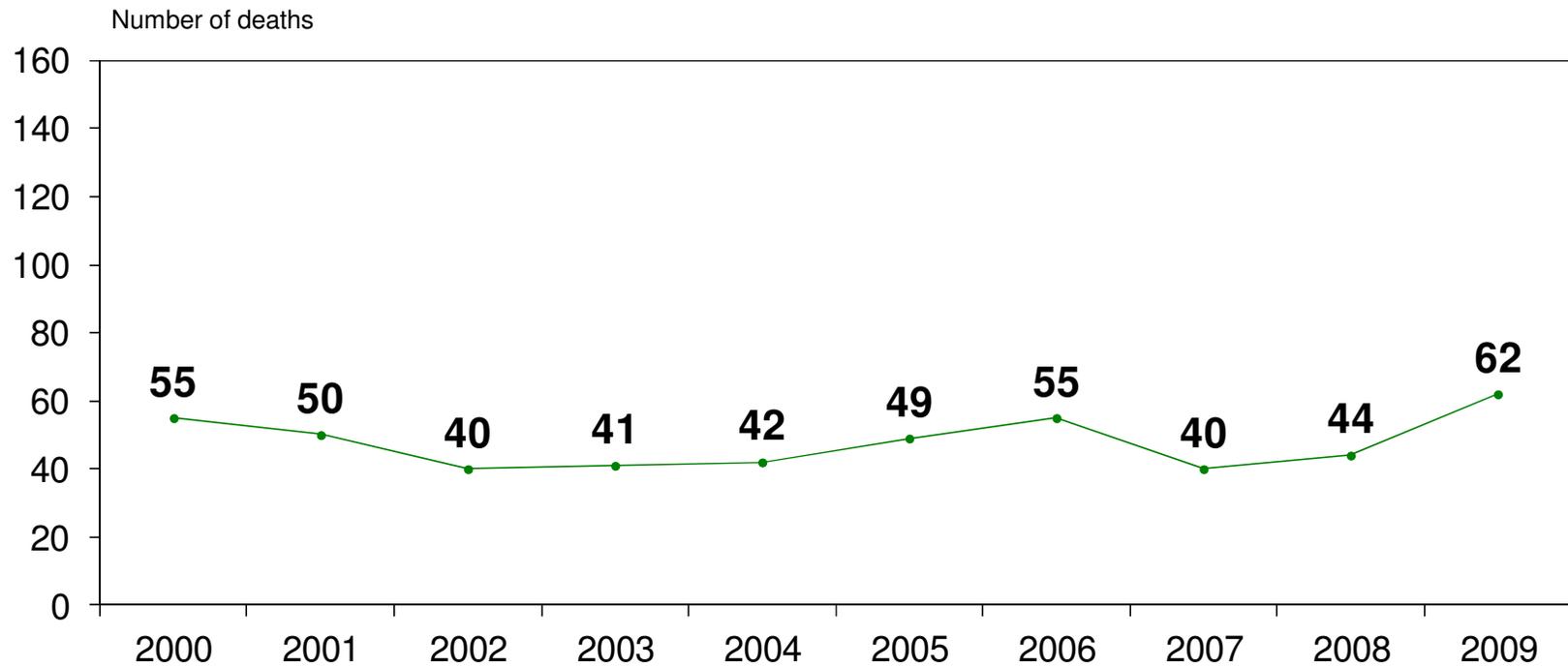
Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	6.8	7.0	6.3	5.8	6.1	5.4	6.3	5.8	5.7	5.3
White	5.7	6.3	5.4	4.7	5.1	4.5	5.1	4.9	5.0	4.7
Black	12.3	8.8	10.1	10.5	9.6	9.2	10.2	8.3	9.8	8.8

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

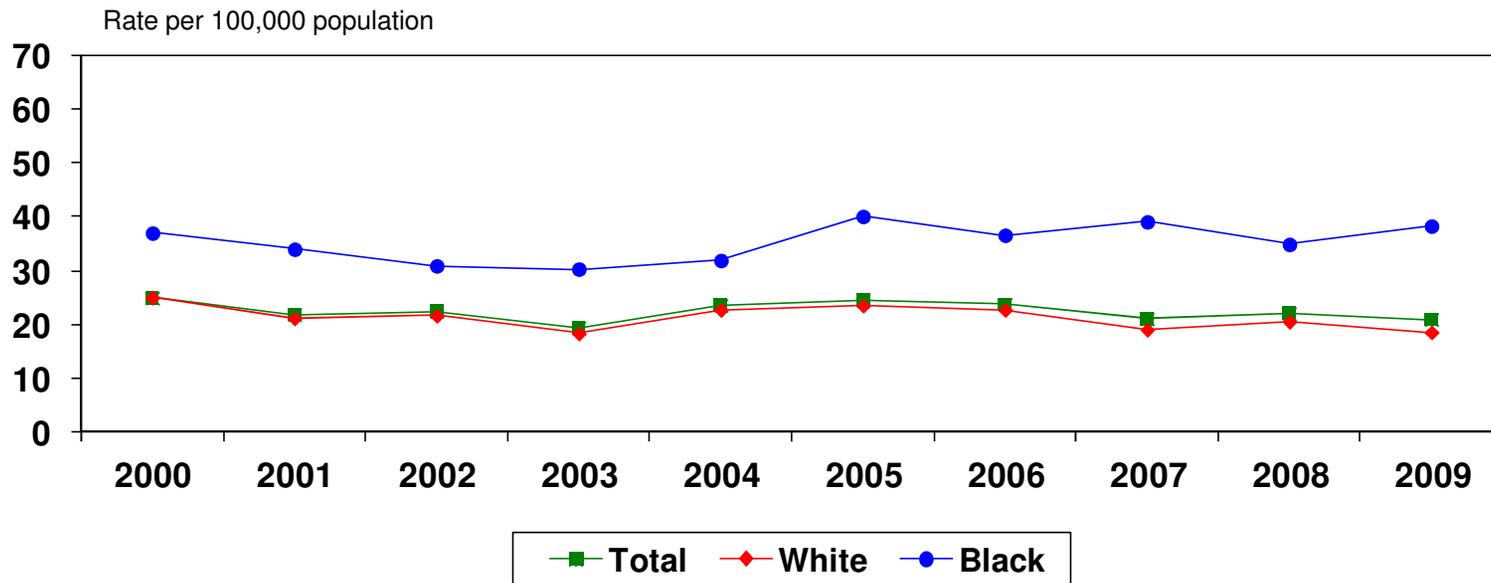
Number of SIDS* Deaths Indiana Residents, 2000-2009 All Races



*Sudden Infant Death Syndrome

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

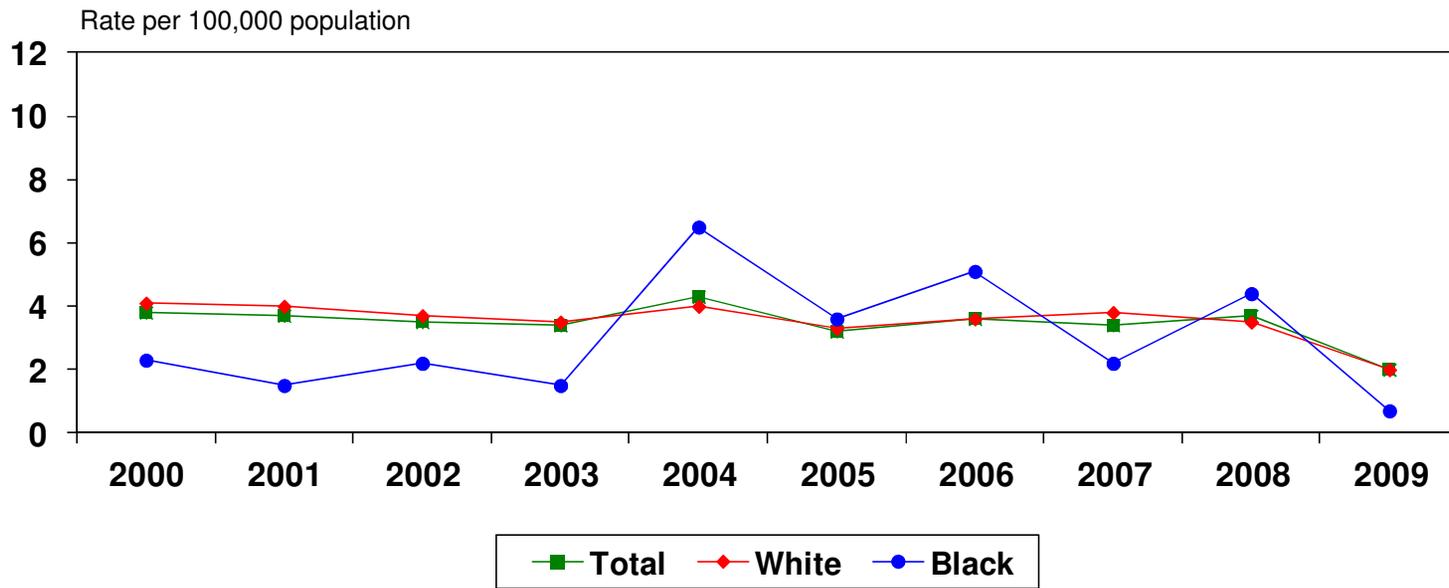
Mortality Rates for Youths Aged 1-14 Years, by Race Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	24.9	21.8	22.4	19.3	23.5	24.5	23.7	21.0	22.0	20.9
White	25.0	21.1	21.6	18.3	22.7	23.5	22.7	19.0	20.5	18.5
Black	37.0	34.0	30.9	30.3	31.9	40.1	36.6	39.1	34.9	38.3

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

Motor Vehicle Injury Mortality Rates Among Youths Aged 1-14 Years, by Race Indiana Residents, 2000-2009

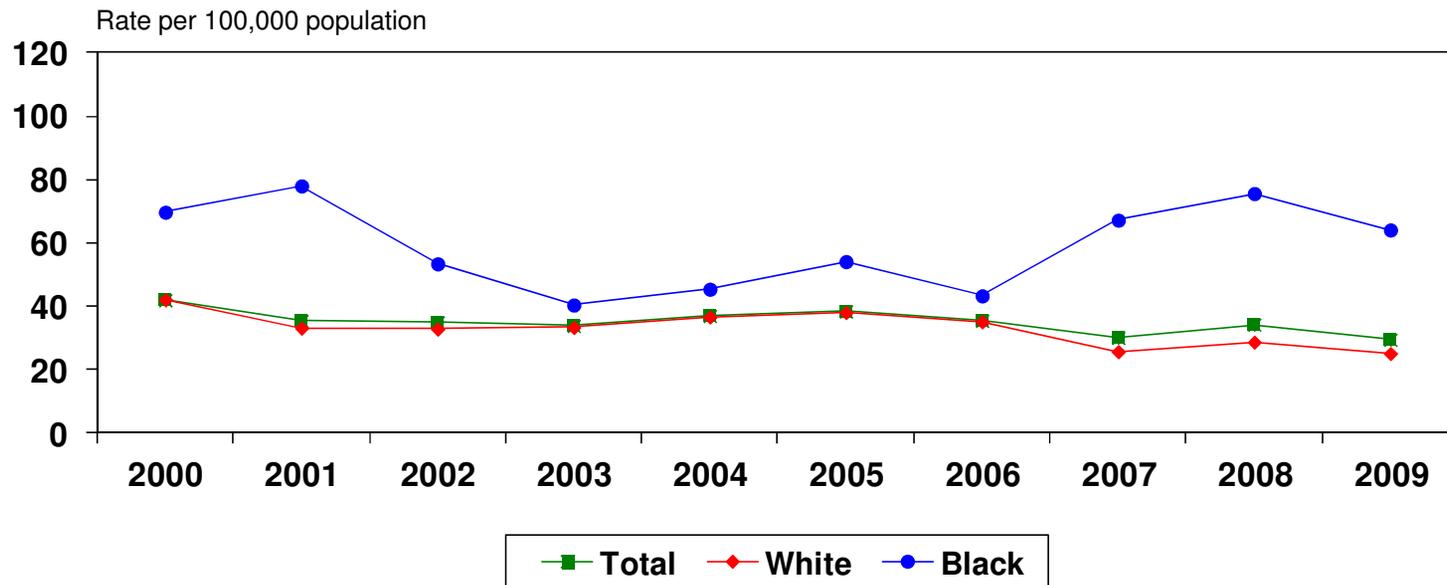


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	3.8	3.7	3.5	3.4	4.3	3.2	3.6	3.4	3.7	2.0
White	4.1	4.0	3.7	3.5	4.0	3.3	3.6	3.8	3.5	2.0
Black	2.3*	1.5*	2.2*	1.5*	6.5*	3.6*	5.1*	2.2*	4.4*	0.7*

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

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

Mortality Rates for Youths Aged 1-4 Years, by Race Indiana Residents, 2000-2009

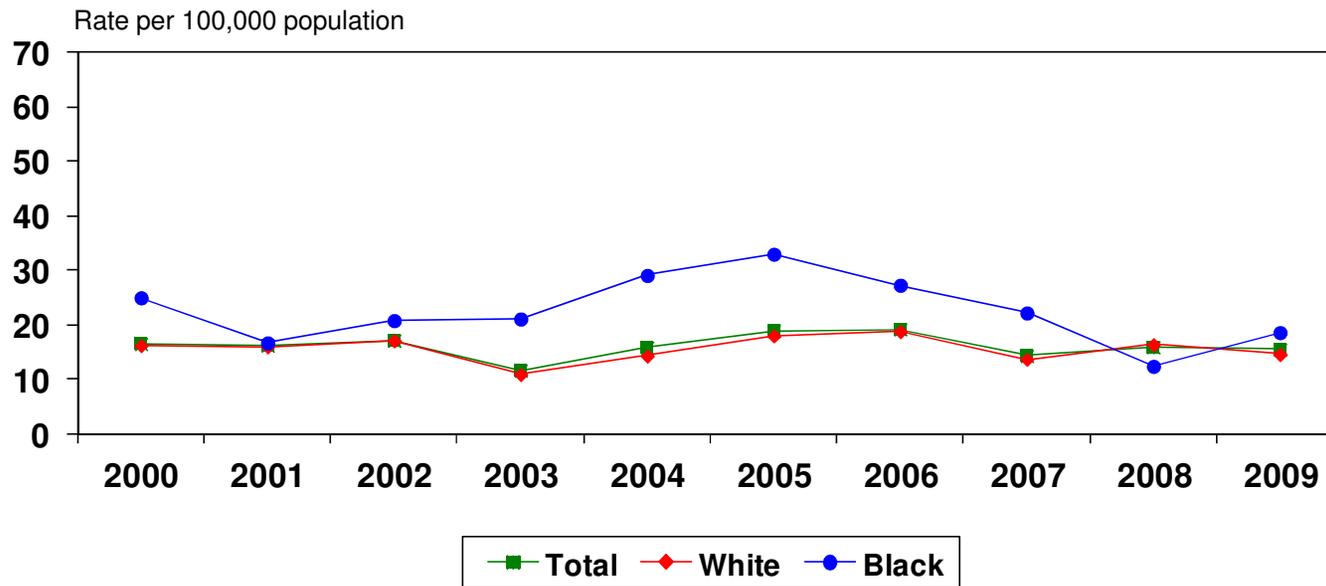


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	41.9	35.4	34.9	33.8	36.9	38.4	35.4	30.0	34.2	29.4
White	42.1	33.1	32.8	33.3	36.6	38.0	35.1	25.7	28.7	25.1
Black	69.7	78.0	53.4	40.4*	45.4*	54.1	43.3*	67.2	75.6	64.1

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

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

Mortality Rates for Youths Aged 5-9 Years, by Race Indiana Residents, 2000-2009

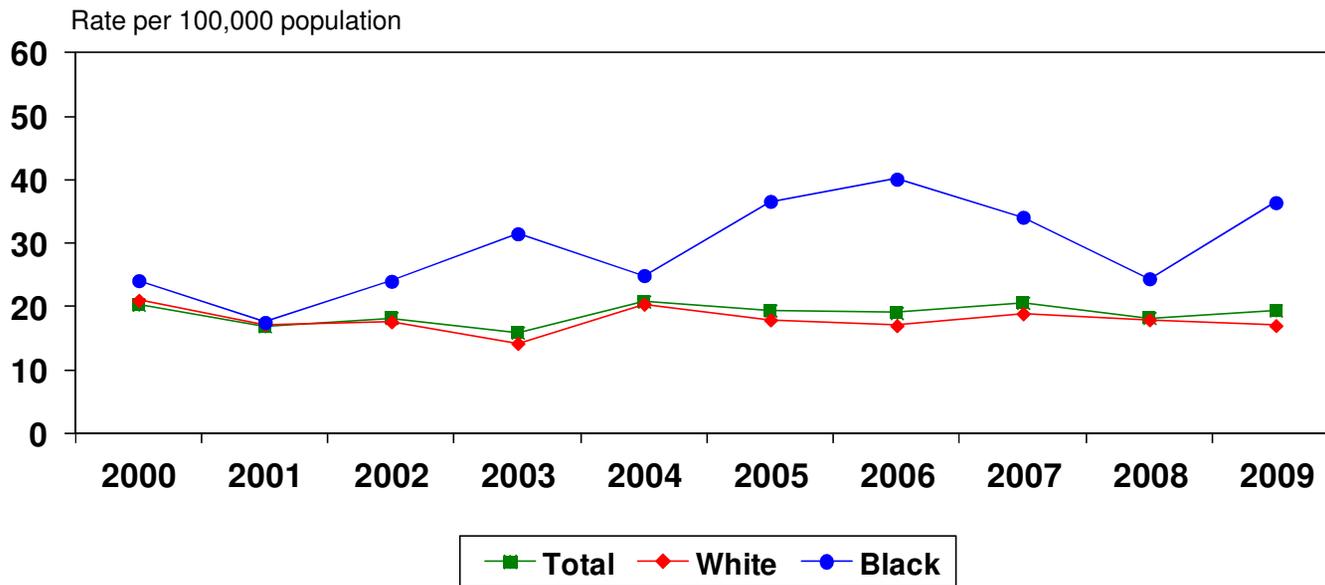


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	16.5	16.2	17.1	11.6	15.8	18.9	19.2	14.3	15.9	15.5
White	16.2	16.0	17.1	10.9	14.3	18.0	18.8	13.7	16.4	14.6
Black	25.0*	16.7*	20.8*	21.1*	29.1*	33.0*	27.3*	22.2*	12.4*	18.6*

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

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

Mortality Rates for Youths Aged 10-14 Years, by Race Indiana Residents, 2000-2009

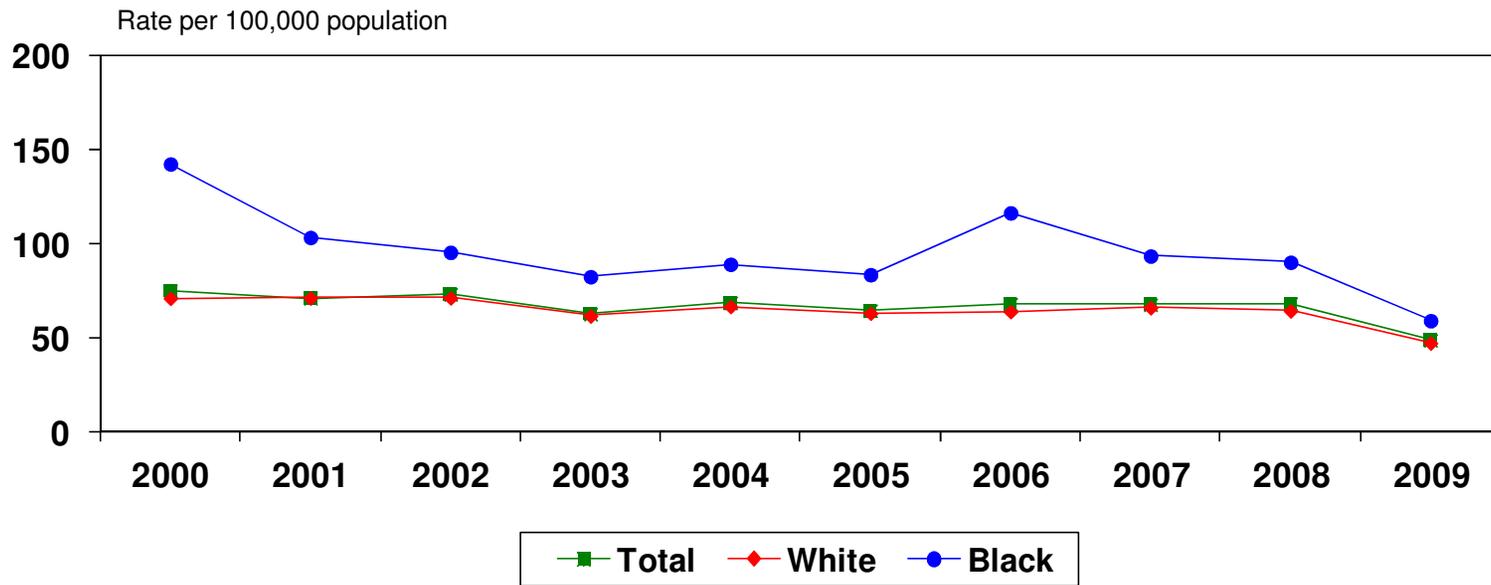


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	20.3	16.9	18.2	15.9	20.8	19.4	19.0	20.6	18.2	19.4
White	21.0	17.2	17.6	14.2	20.4	17.9	17.0	18.9	17.9	17.0
Black	24.1*	17.5*	24.0*	31.5*	24.9*	36.6*	40.1	34.1*	24.4*	36.4*

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

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

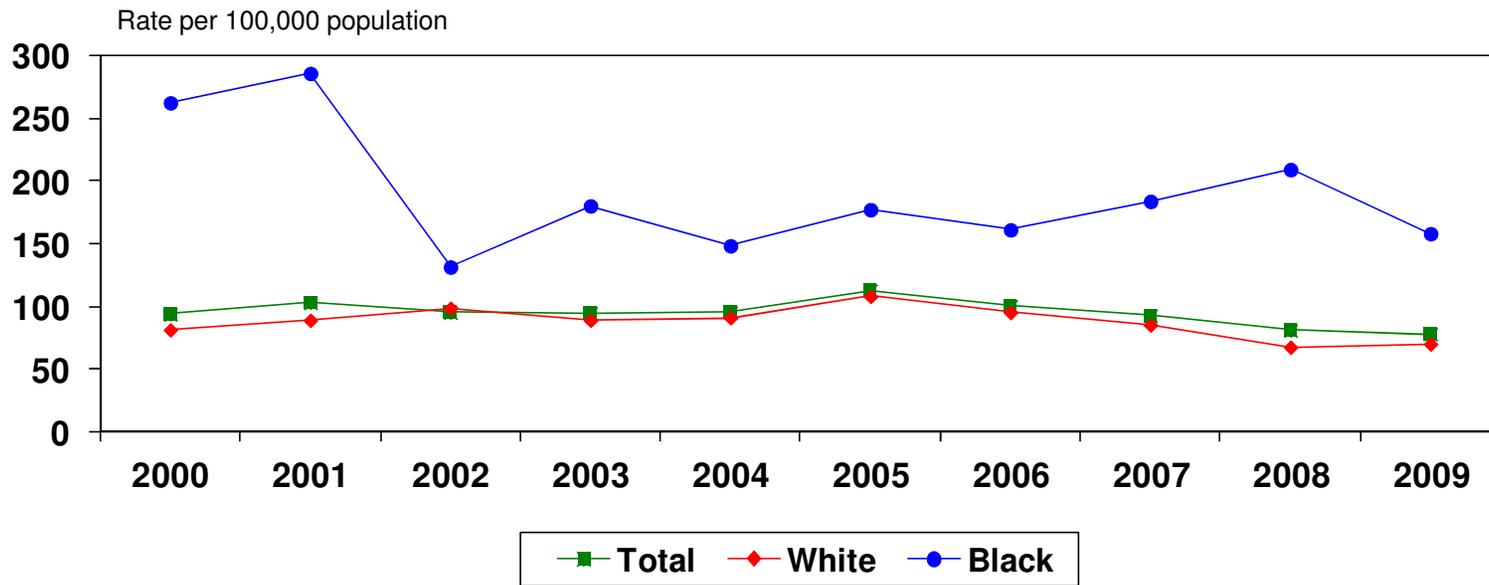
Mortality Rates for Youths Aged 15-19 Years, by Race Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	75.0	71.0	73.1	62.6	68.5	64.4	67.9	67.6	68.2	48.6
White	71.0	71.2	71.2	61.6	66.6	63.0	63.9	66.0	64.3	47.2
Black	142.5	103.4	95.5	82.5	89.1	83.6	116.5	93.5	90.2	59.1

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

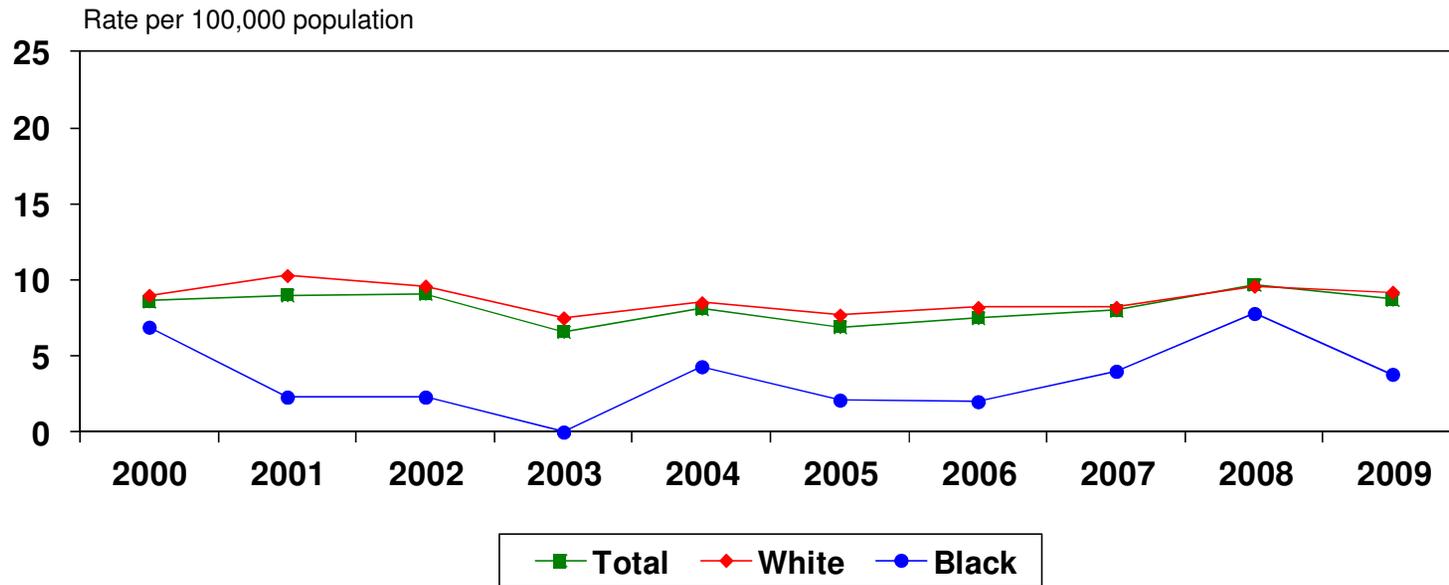
Mortality Rates for Young Adults Aged 20-21 Years, by Race Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	93.6	102.8	95.0	94.6	95.0	112.6	100.1	92.6	80.8	78.0
White	81.3	89.0	98.7	89.0	91.0	108.0	95.2	85.2	67.5	70.0
Black	262.6	286.0	131.5	180.3	148.4	177.3	161.2	183.9	209.3	158.1

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

Suicide Mortality Rates Among Youths Aged 15-19 Years, by Race Indiana Residents, 2000-2009

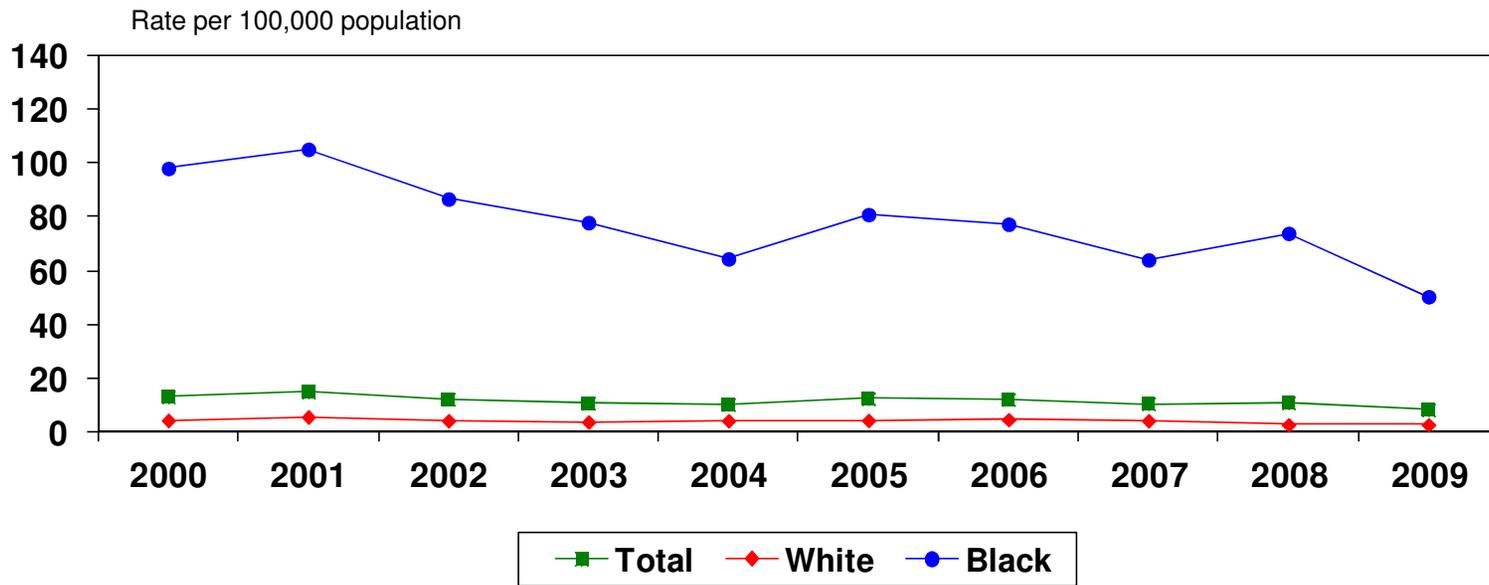


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	8.6	9.0	9.1	6.6	8.1	6.9	7.5	8.0	9.7	8.7
White	9.0	10.3	9.6	7.5	8.5	7.7	8.2	8.2	9.6	9.2
Black	6.9*	2.3*	2.3*	0.0*	4.3*	2.1*	2.0*	4.0*	7.8*	3.8*

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

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

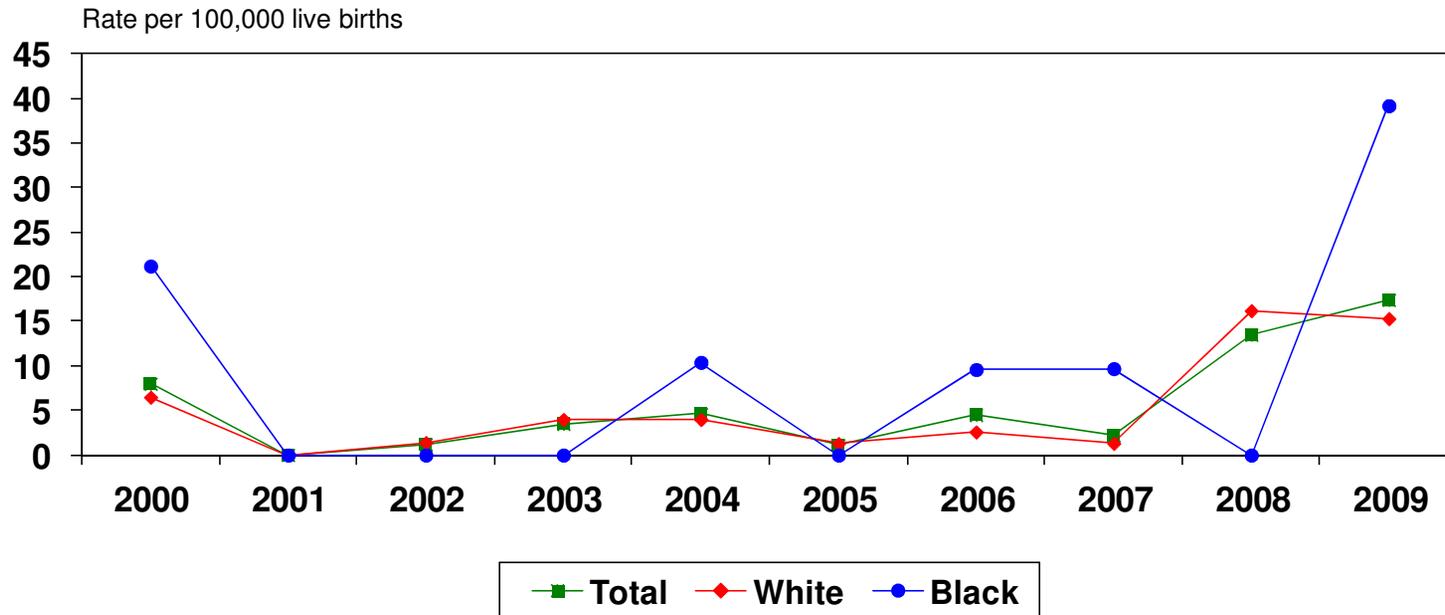
Homicide Mortality Rates Among Those Aged 15-24 Years, by Race Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	12.9	14.7	12.1	10.6	10.1	12.3	12.0	10.4	10.7	8.1
White	4.2	5.5	4.1	3.6	4.1	4.2	4.5	4.1	2.6	2.6
Black	98.1	105.2	86.7	77.9	64.4	80.9	77.3	64.0	73.9	50.3

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

Maternal Mortality Rates by Race Indiana Residents, 2000-2009

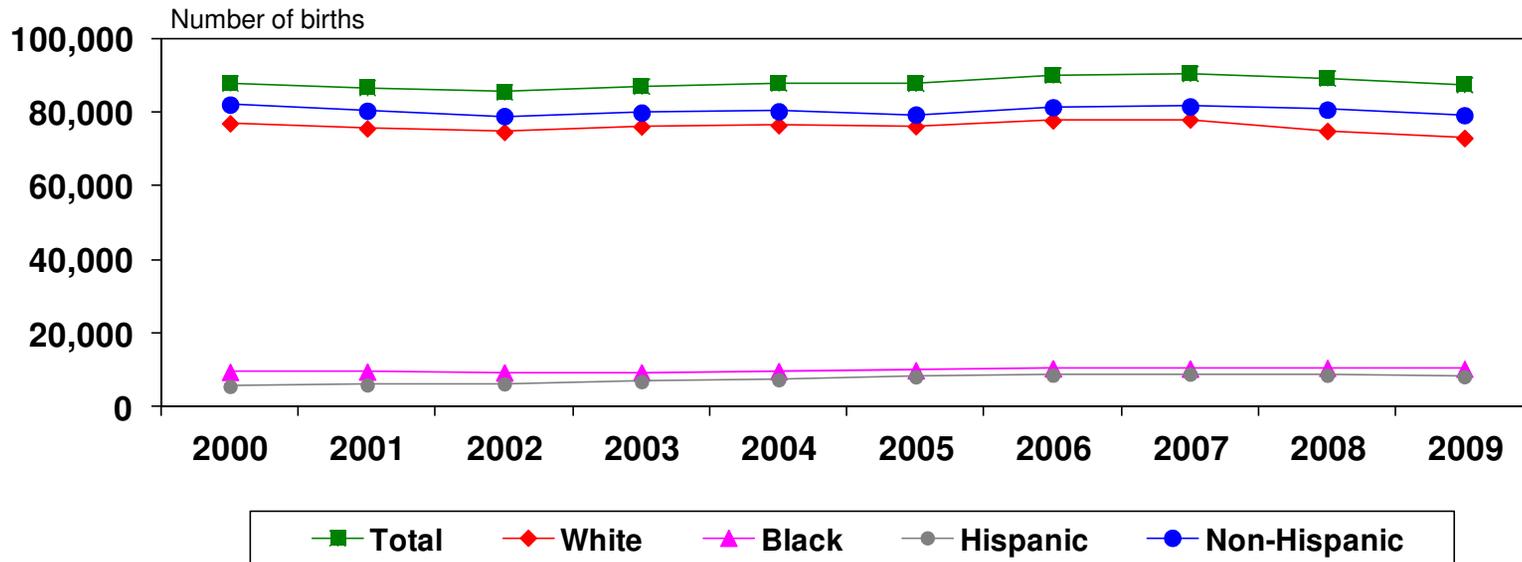


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	8.0*	0.0*	1.2*	3.5*	4.6*	1.1*	4.5*	2.2*	13.5*	17.4*
White	6.5*	0.0*	1.4*	4.0*	4.0*	1.3*	2.6*	1.3*	16.2*	15.3*
Black	21.2*	0.0*	0.0*	0.0*	10.4*	0.0*	9.6*	9.7*	0.0*	39.2*

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

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

Number of Occurrent Live Births* by Race and Ethnicity Indiana, 2000-2009



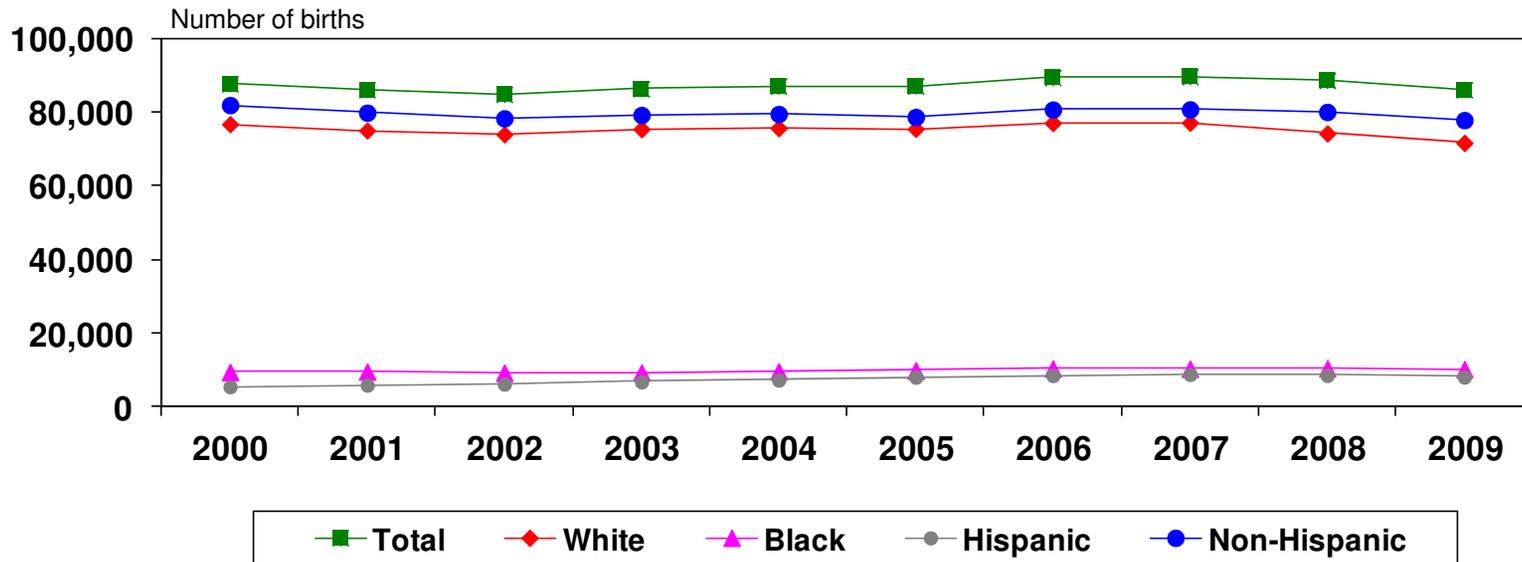
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	87,948	86,718	85,533	87,128	87,961	87,864	90,120	90,586	89,324	87,548
White	76,974	75,626	74,646	76,143	76,451	76,186	77,763	77,975	74,895	73,013
Black	9,432	9,536	9,300	9,329	9,658	9,882	10,451	10,371	10,571	10,310
Hispanic	5,512	5,913	6,206	6,821	7,322	8,125	8,567	8,858	8,561	8,161
Non-Hispanic	82,088	80,402	78,953	79,911	80,257	79,375	81,359	81,596	80,715	79,198

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

Note: Hispanic ethnicity can be of any race.

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

Number of Resident Live Births* by Race and Ethnicity Indiana, 2000-2009



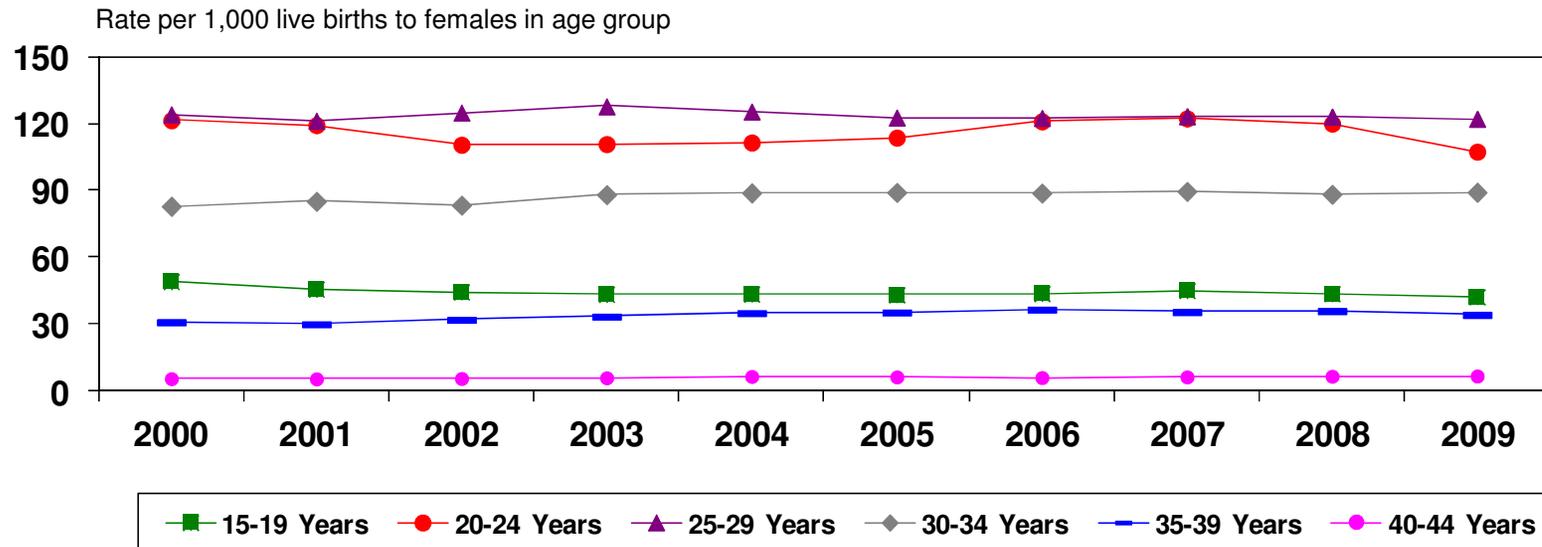
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	87,697	86,122	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126
White	76,753	75,056	74,013	75,422	75,680	75,464	77,096	77,171	74,280	71,670
Black	9,421	9,531	9,243	9,288	9,582	9,820	10,396	10,303	10,496	10,209
Hispanic	5,427	5,865	6,145	6,763	7,237	8,026	8,488	8,785	8,510	8,072
Non-Hispanic	81,947	79,883	78,346	79,261	79,537	78,723	80,727	80,769	80,091	77,863

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

Note: Hispanic ethnicity can be of any race.

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

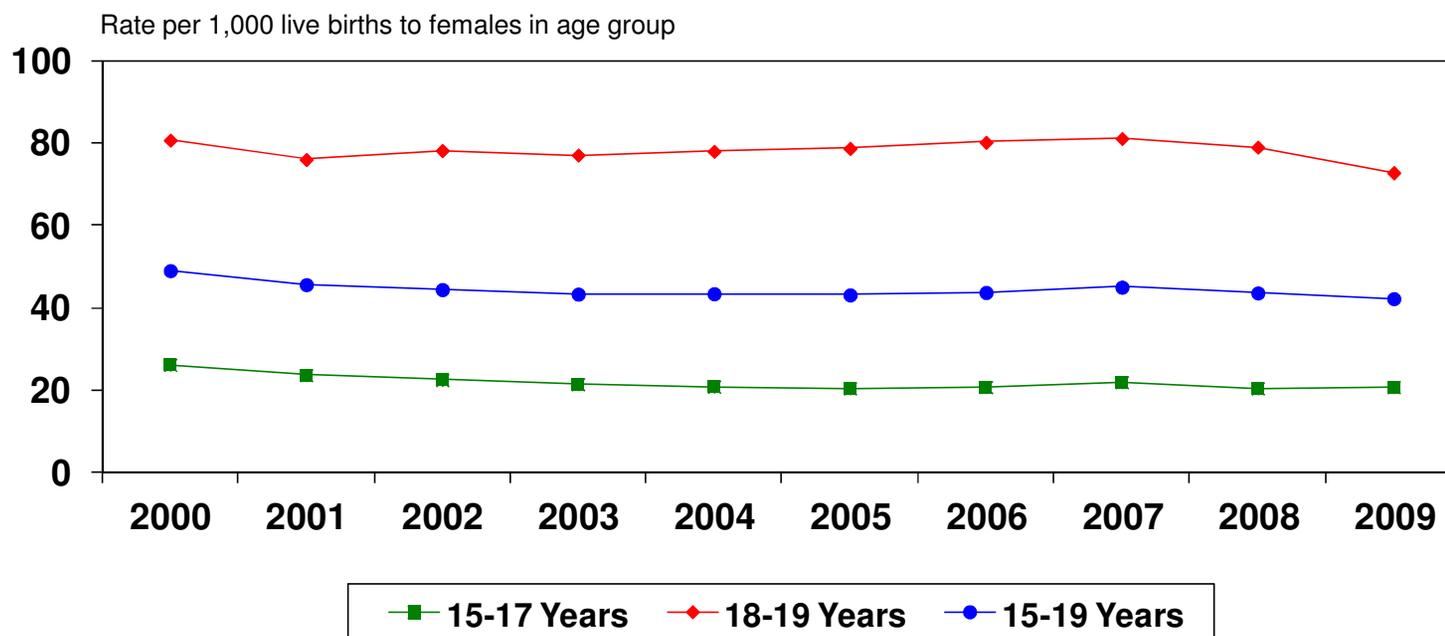
Age-Specific Birth Rates by Age Group for Females Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
15-19 Years	49.1	45.7	44.5	43.4	43.5	43.2	43.8	45.1	43.7	42.3
20-24 Years	121.5	119.3	110.5	110.8	111.5	113.7	121.0	122.3	120.0	107.4
25-29 Years	124.1	121.3	124.9	127.7	125.4	122.7	122.5	123.3	123.1	122.1
30-34 Years	82.9	85.1	83.4	88.1	88.9	89.1	88.8	89.6	88.3	89.2
35-39 Years	30.9	30.0	32.0	33.4	35.0	35.3	36.6	35.5	35.9	34.2
40-44 Years	5.6	5.5	5.7	6.0	6.6	6.4	6.1	6.4	6.7	6.8

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

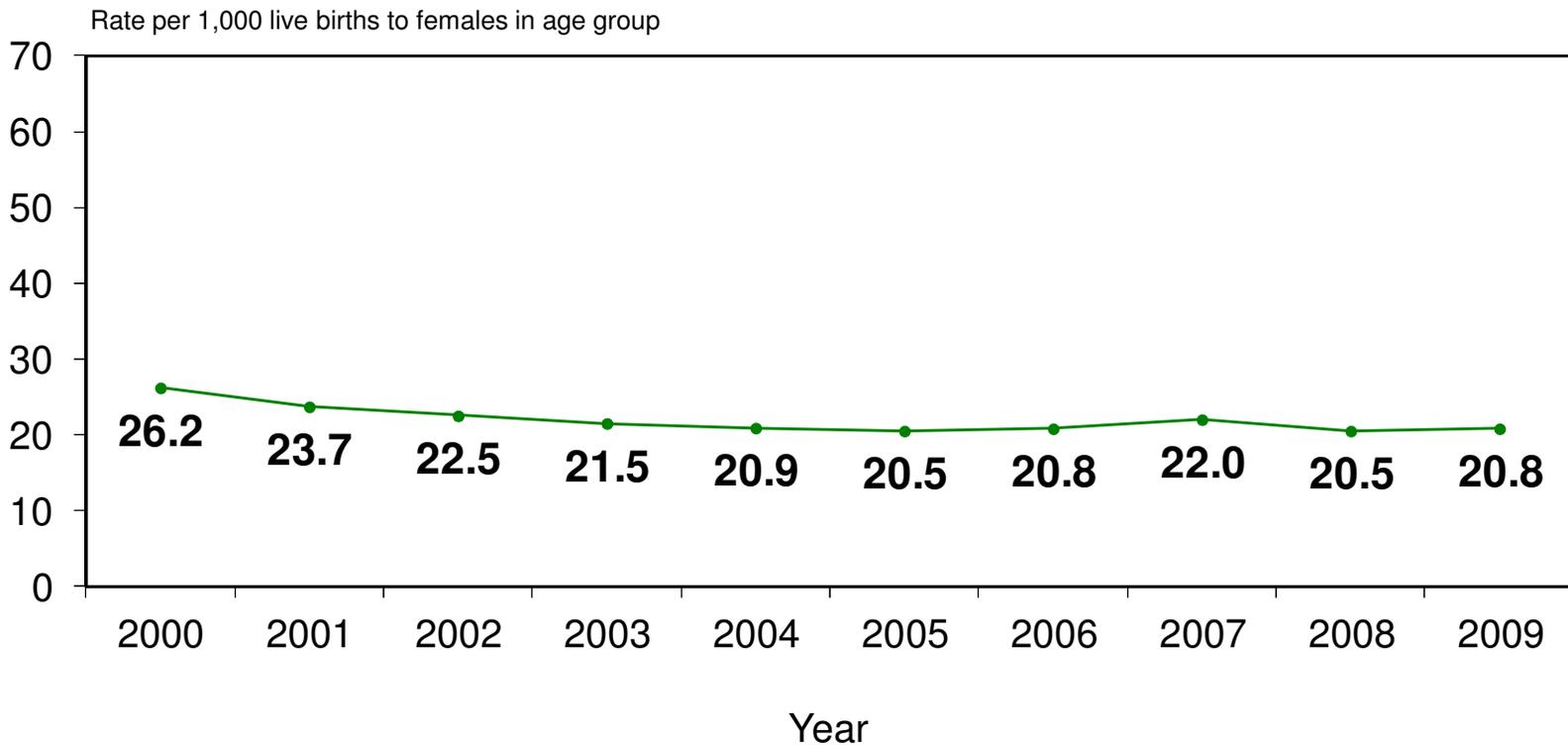
Age-Specific Birth Rates by Age Group for Teenage Females Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
15-17 Years	26.2	23.7	22.5	21.5	20.9	20.5	20.8	22.0	20.5	20.8
18-19 Years	80.8	76.1	78.3	77.2	78.1	78.8	80.3	81.2	79.1	72.9
15-19 Years	49.1	45.7	44.5	43.4	43.5	43.2	43.8	45.1	43.7	42.3

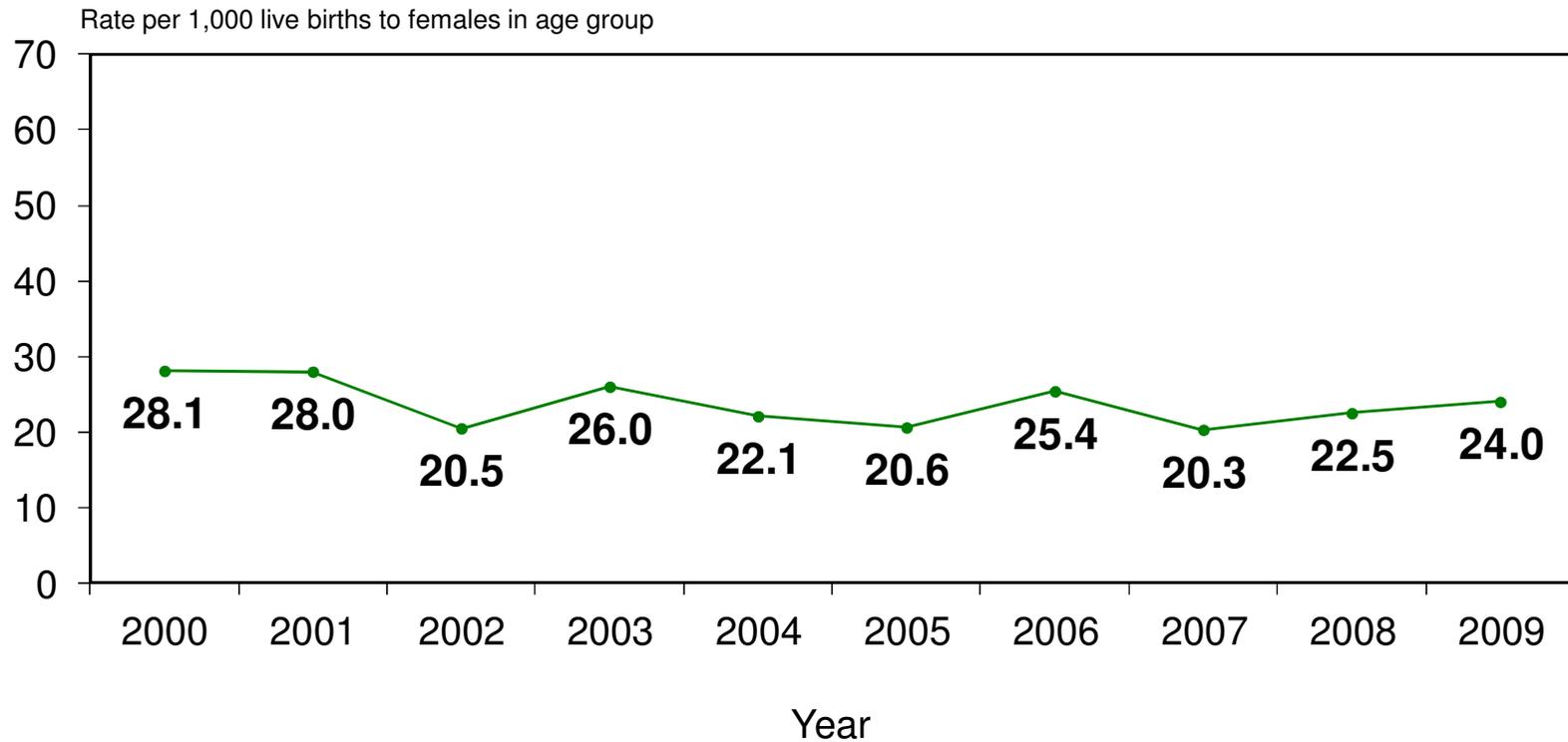
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Indiana Residents, 2000-2009



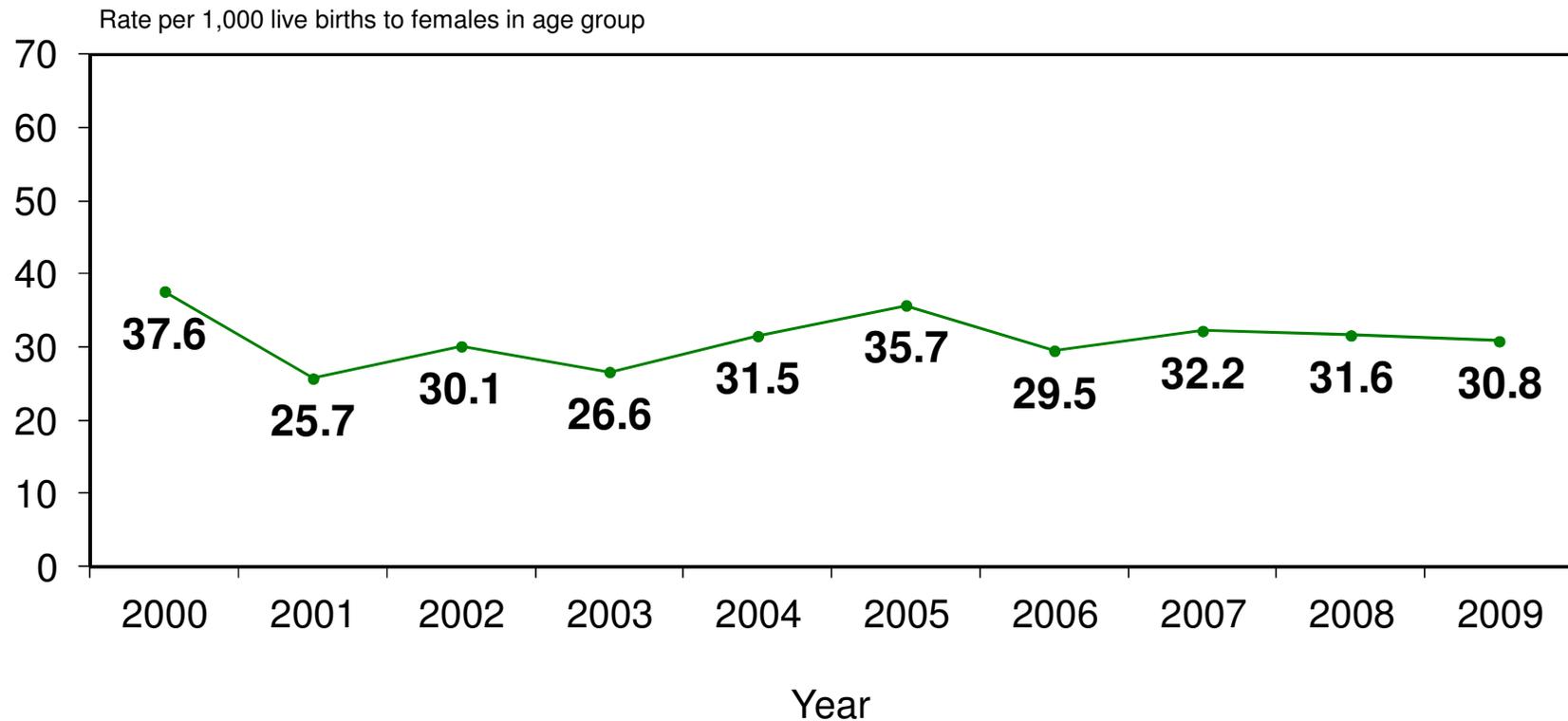
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Allen County Residents, 2000-2009



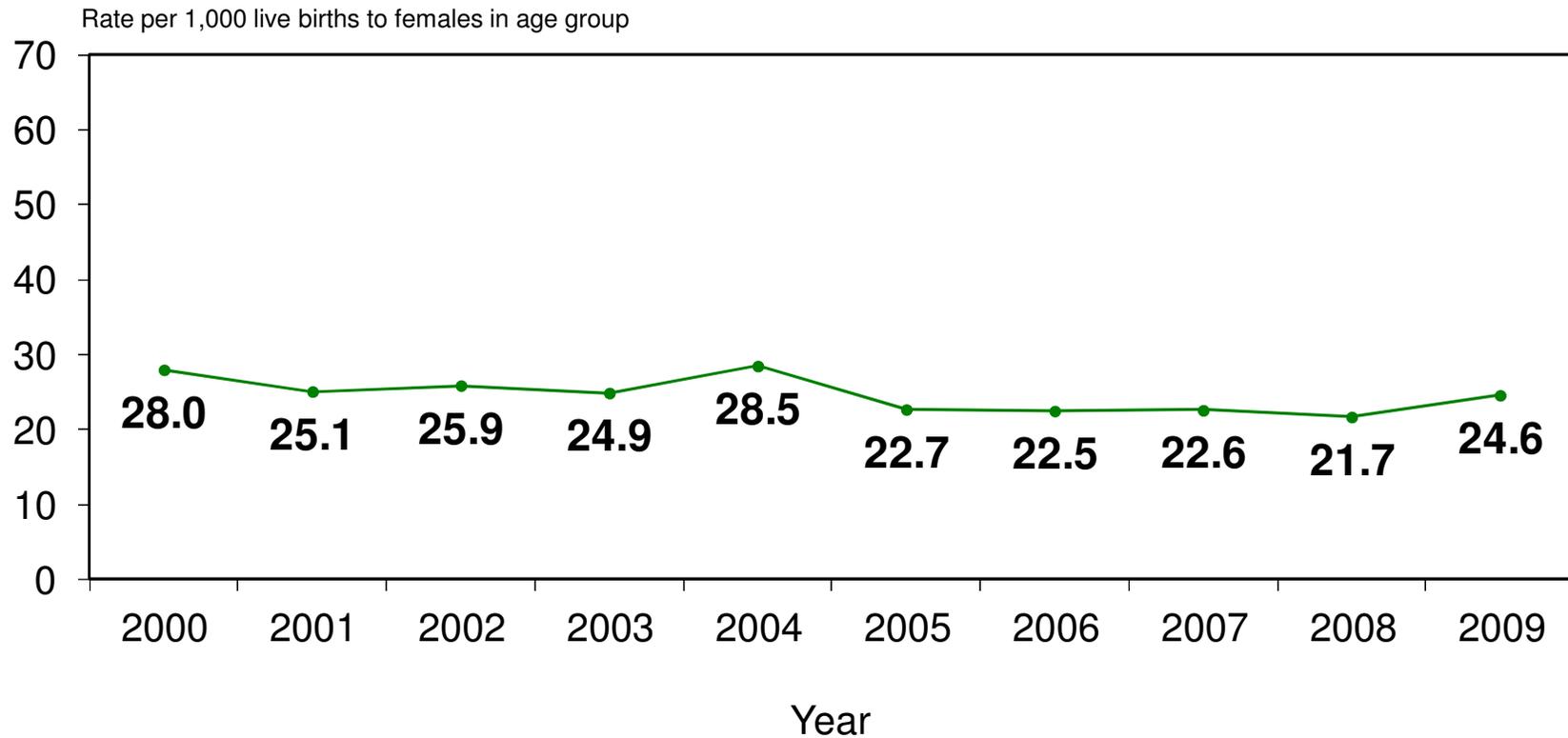
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Elkhart County Residents, 2000-2009



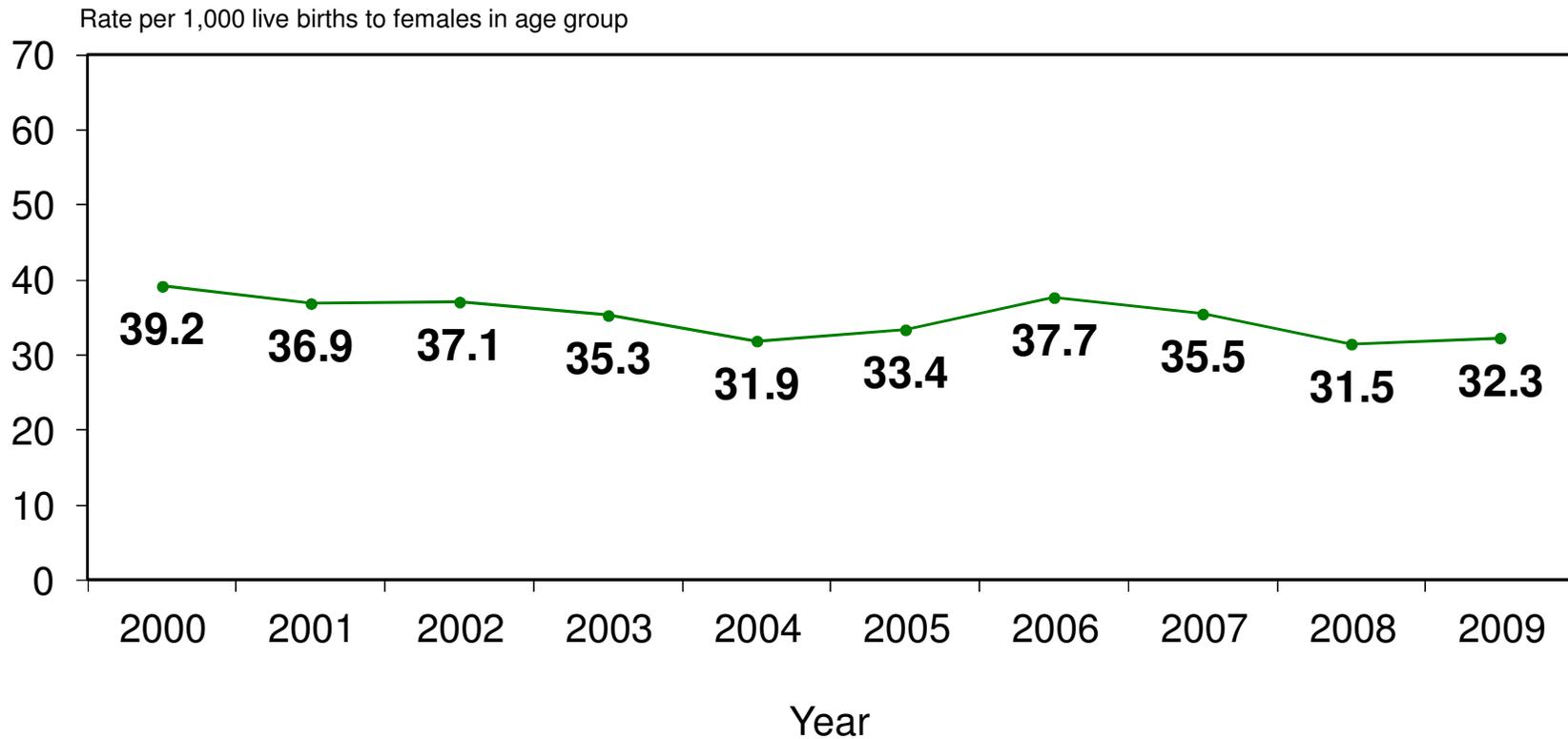
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Lake County Residents, 2000-2009



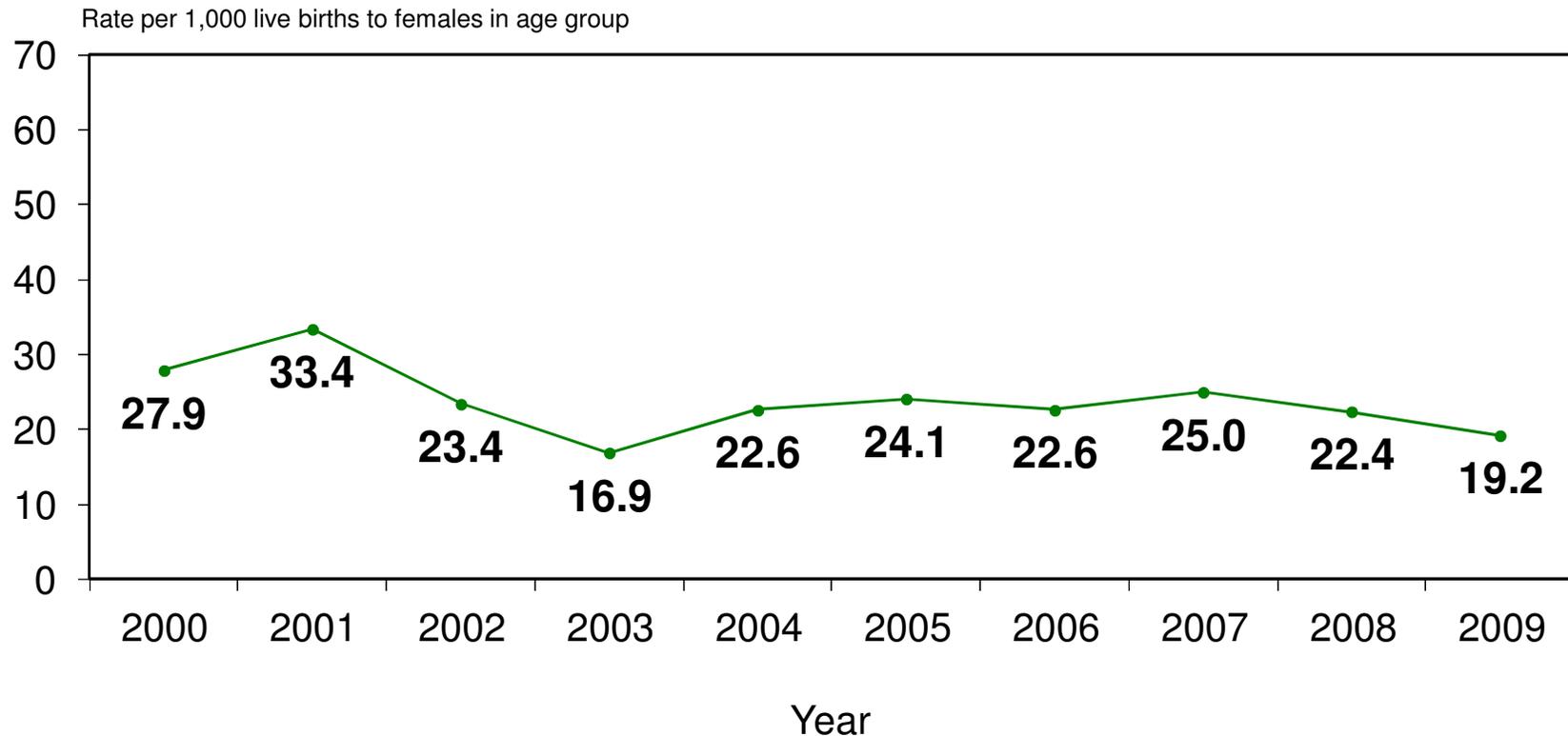
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Marion County Residents, 2000-2009



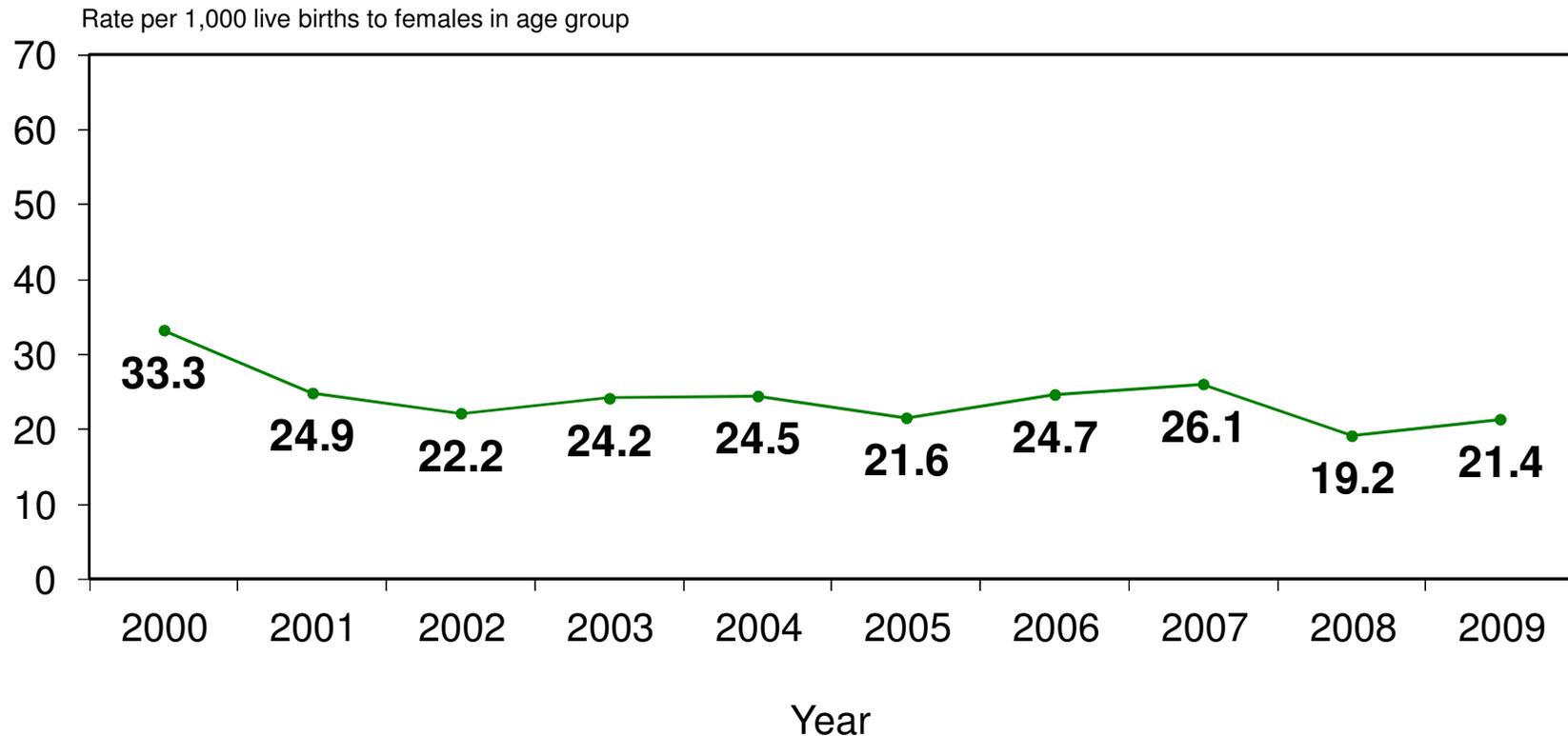
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years St. Joseph County Residents, 2000-2009



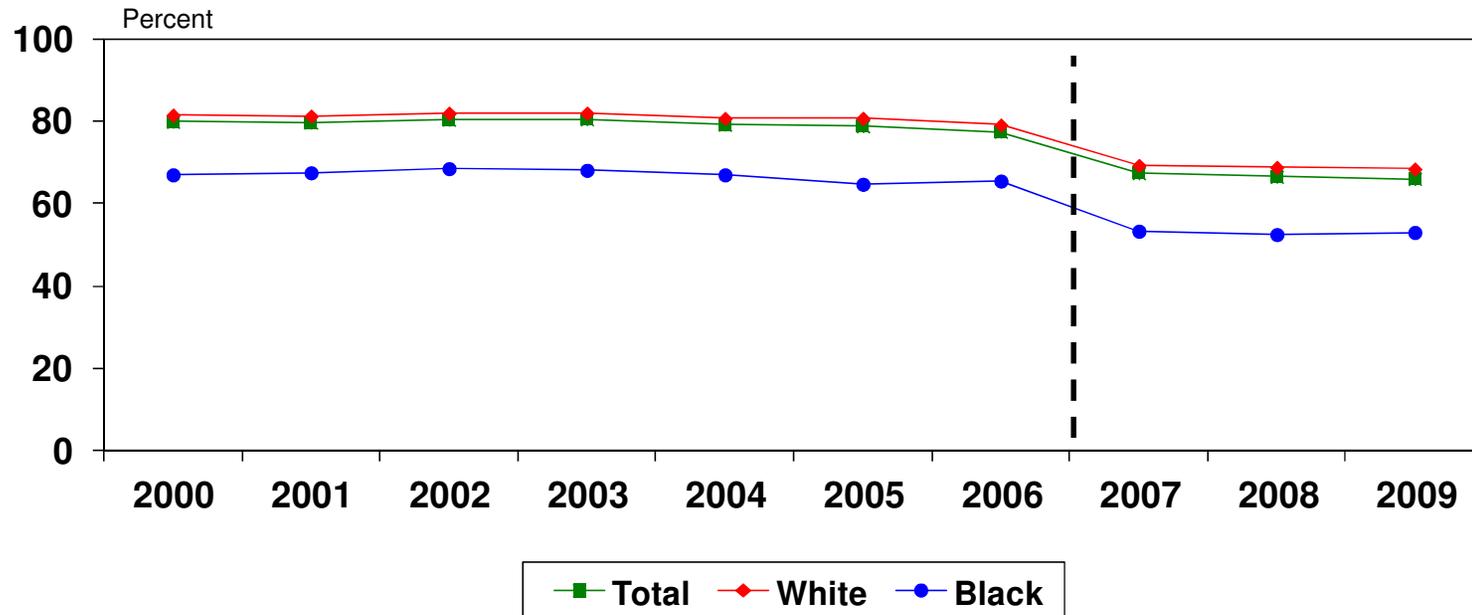
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2013

Age-Specific Birth Rates Females Aged 15-17 Years Vanderburgh County Residents, 2000-2009



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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Indiana Residents, 2000-2009



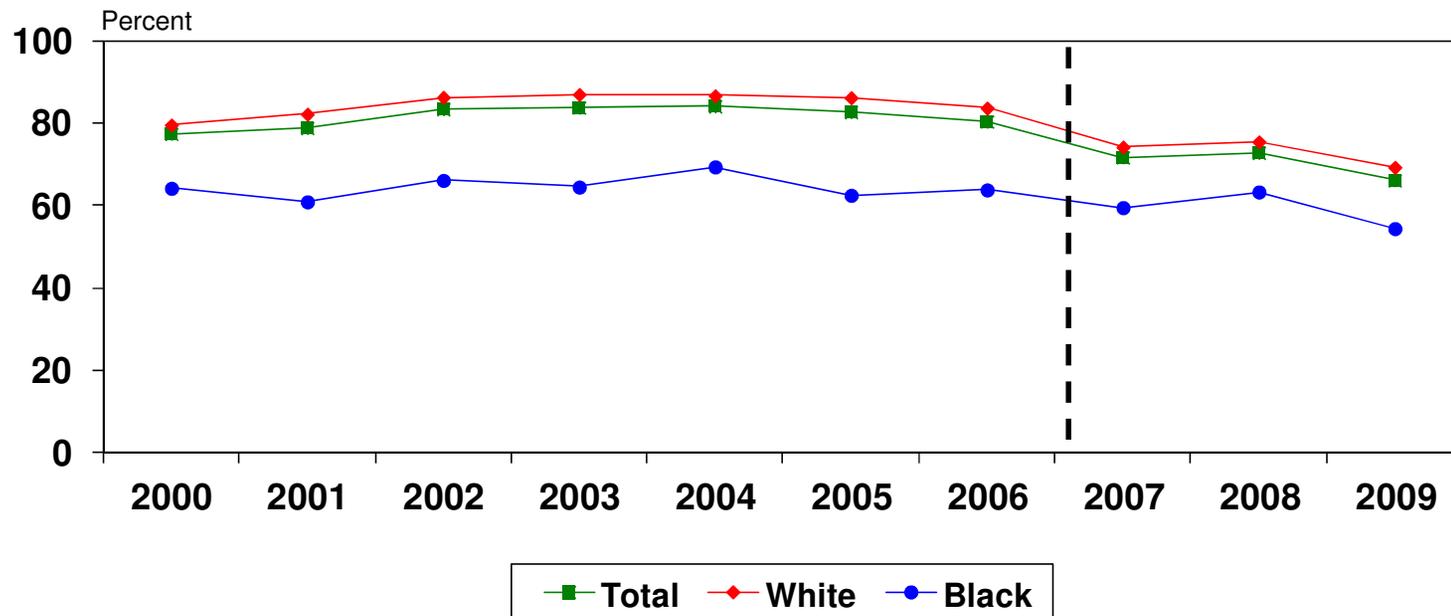
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	80.0	79.8	80.5	80.6	79.3	78.9	77.6	67.5	66.6	66.1
White	81.6	81.4	82.1	82.1	80.8	80.8	79.2	69.4	68.9	68.5
Black	67.1	67.6	68.6	68.2	67.1	64.8	65.6	53.4	52.6	53.1

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

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

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Allen County Residents, 2000-2009



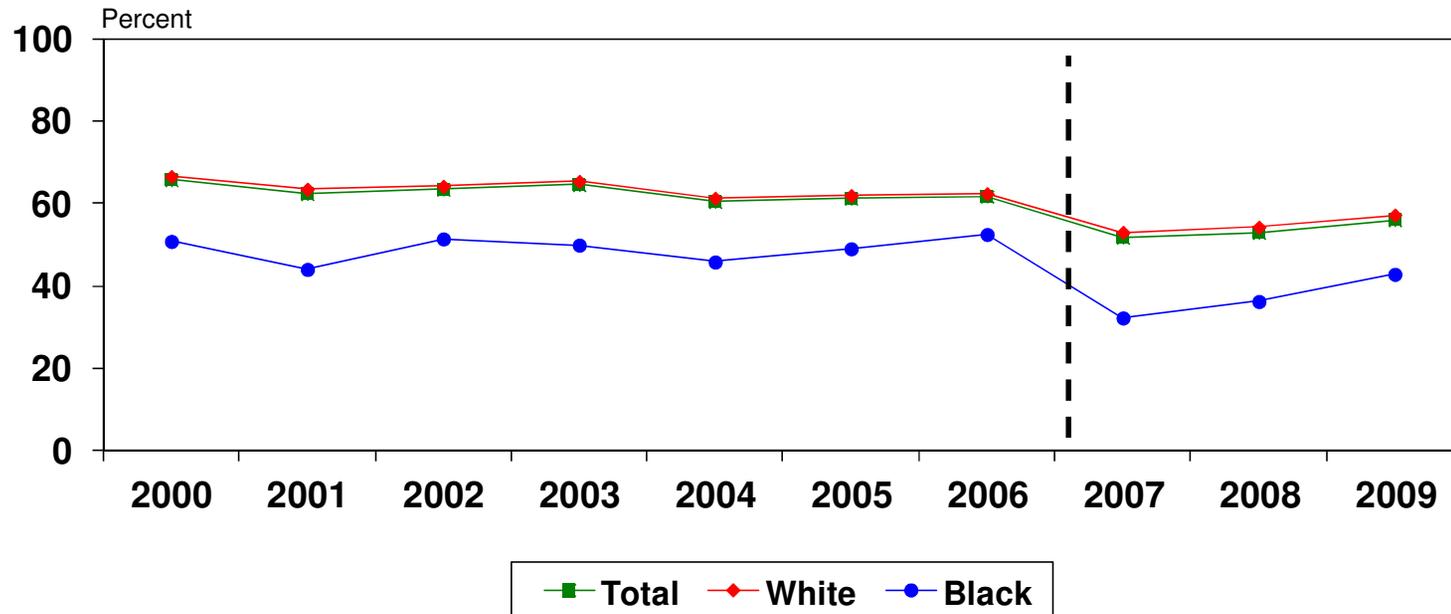
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	77.5	78.9	83.5	83.9	84.2	82.8	80.5	71.8	72.9	66.2
White	79.7	82.3	86.4	87.1	86.8	86.3	83.8	74.3	75.6	69.4
Black	64.3	61.0	66.2	64.6	69.5	62.6	63.9	59.6	63.4	54.5

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

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

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Elkhart County Residents, 2000-2009



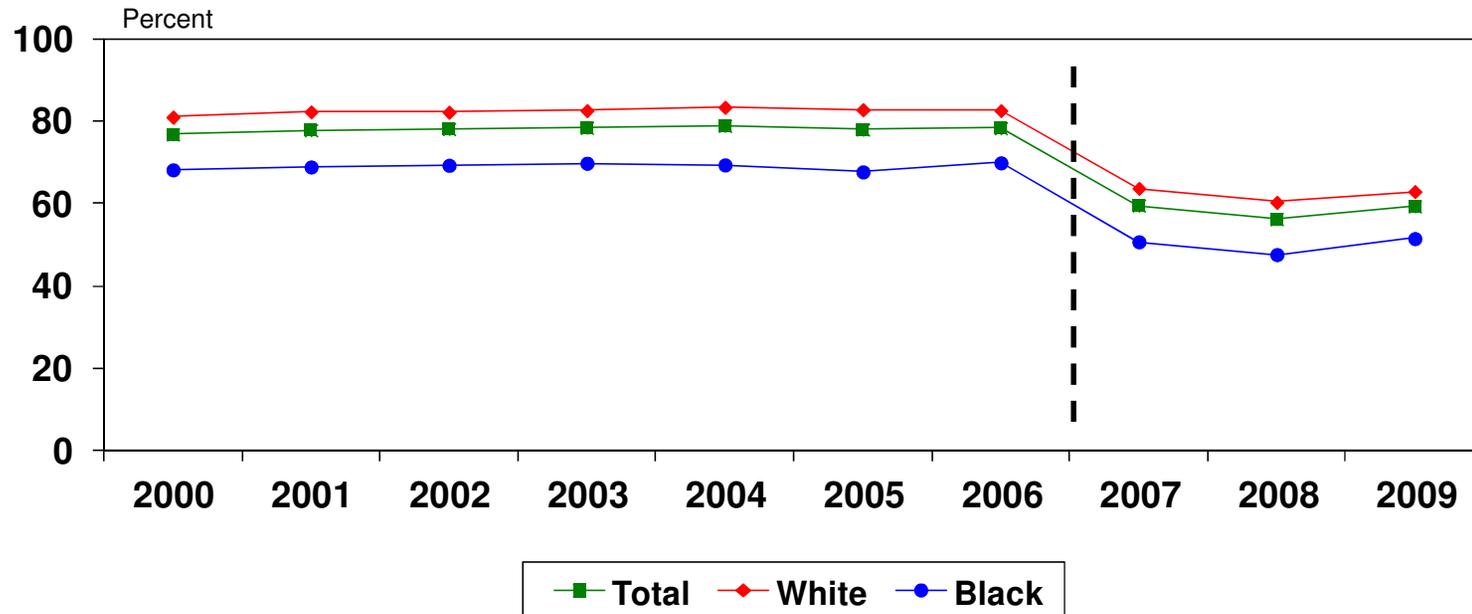
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	65.8	62.4	63.5	64.6	60.5	61.3	61.8	51.8	53.0	56.1
White	66.7	63.6	64.3	65.5	61.4	62.0	62.5	53.1	54.4	57.3
Black	50.9	44.1	51.5	50.0	45.9	49.1	52.6	32.3	36.3	42.9

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

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

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Lake County Residents, 2000-2009



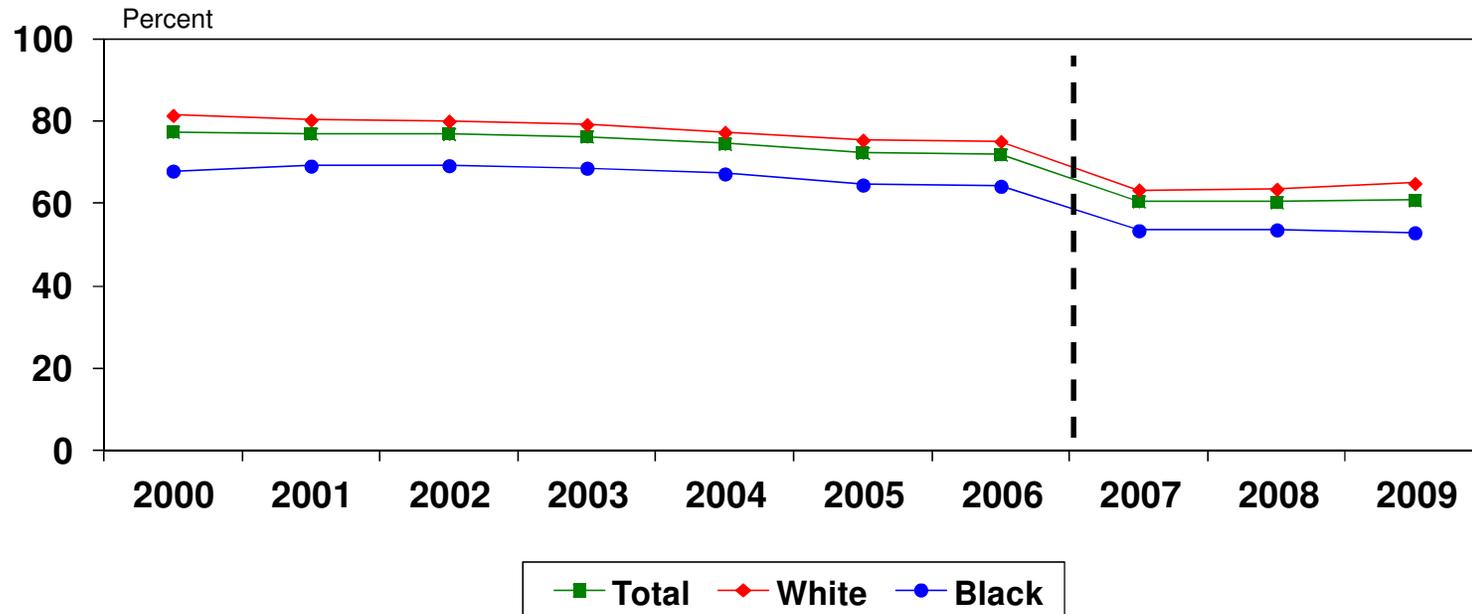
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	76.9	77.9	78.2	78.5	79.0	78.1	78.4	59.6	56.3	59.4
White	81.1	82.4	82.3	82.7	83.5	82.9	82.7	63.8	60.4	63.0
Black	68.3	69.0	69.4	69.9	69.5	67.8	70.0	50.8	47.7	51.6

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

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

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Marion County Residents, 2000-2009



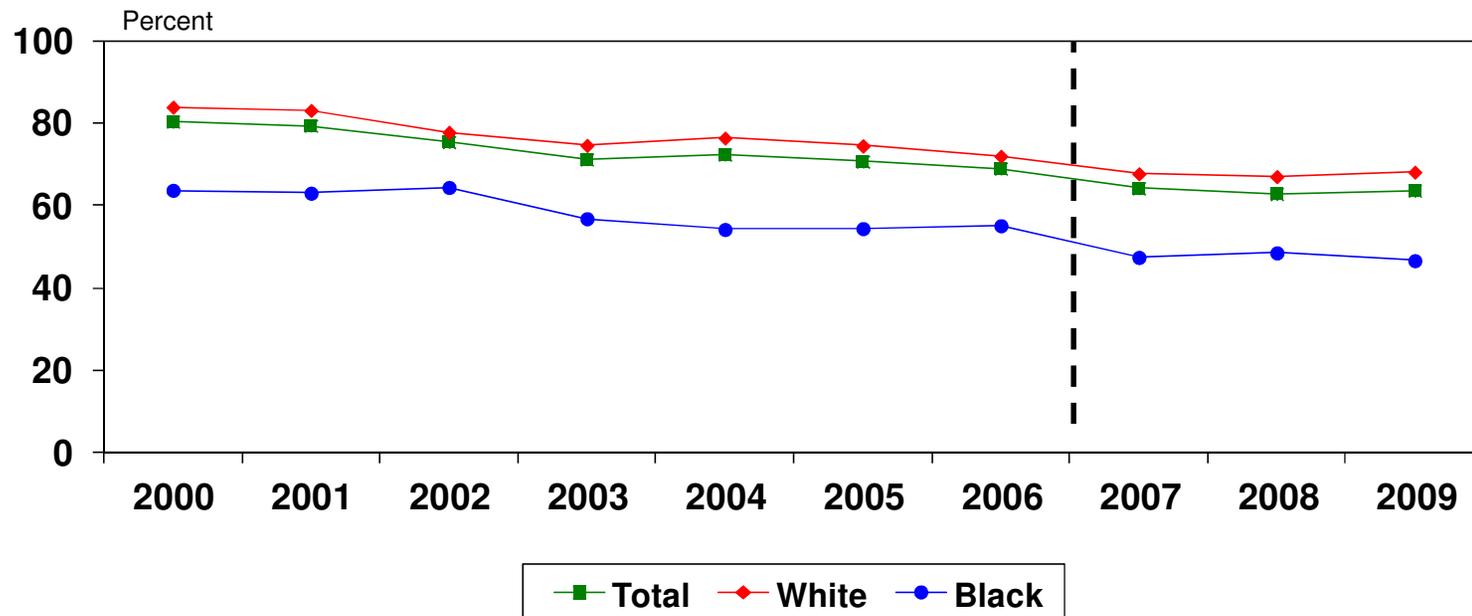
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	77.5	77.1	77.0	76.4	74.6	72.4	72.0	60.6	60.4	60.9
White	81.5	80.4	80.1	79.3	77.4	75.5	75.2	63.4	63.6	65.0
Black	68.0	69.2	69.3	68.7	67.3	64.6	64.3	53.5	53.7	53.0

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

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

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race St. Joseph County Residents, 2000-2009



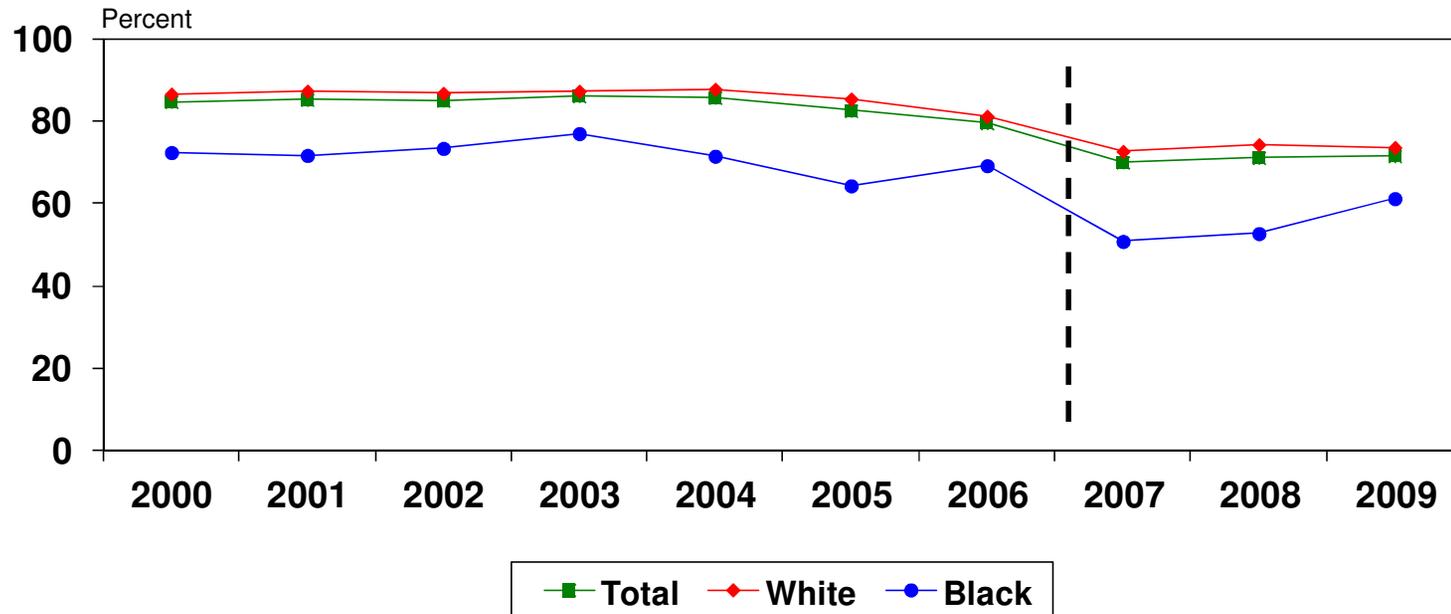
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	80.5	79.5	75.5	71.3	72.5	70.8	69.1	64.3	62.9	63.7
White	84.0	83.2	77.9	74.7	76.5	74.6	72.1	67.8	67.1	68.2
Black	63.8	63.1	64.5	56.9	54.3	54.5	55.2	47.5	48.6	46.7

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

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

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Vanderburgh County Residents, 2000-2009



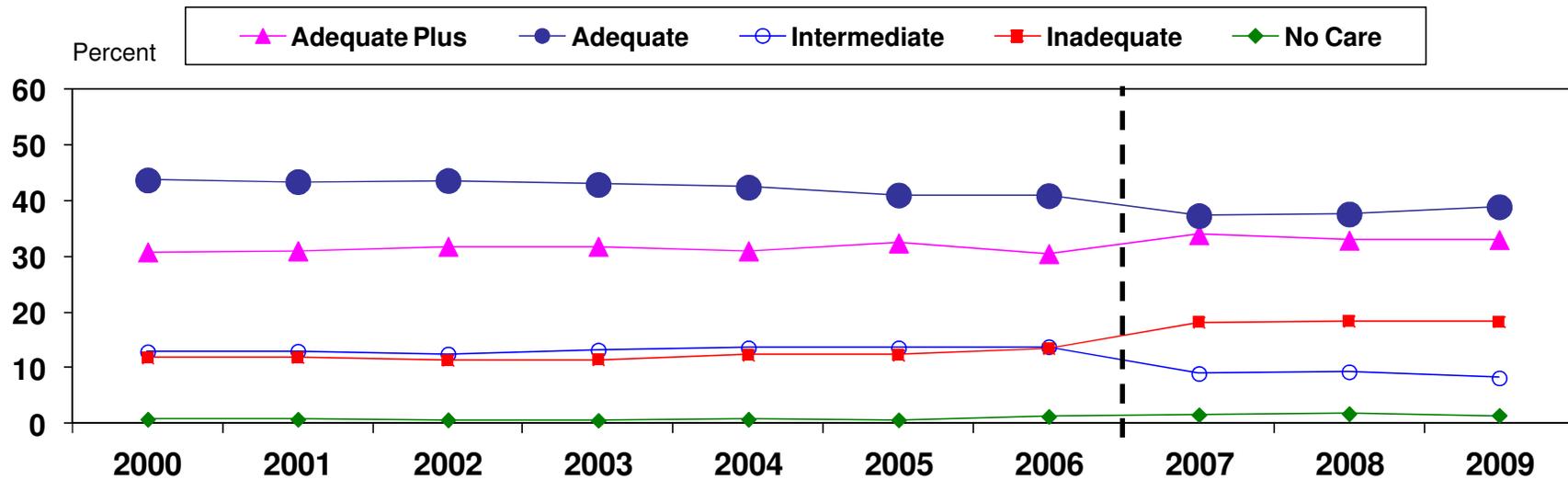
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	84.8	85.3	85.1	86.2	85.8	82.6	79.6	70.1	71.2	71.6
White	86.7	87.4	86.9	87.4	87.9	85.5	81.3	72.8	74.4	73.7
Black	72.5	71.8	73.5	77.1	71.6	64.4	69.3	50.9	52.8	61.3

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

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

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

Adequacy of Prenatal Care Utilization (Kotelchuck Index)* All Races, Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Adequate Plus	30.8	31.0	31.8	31.8	31.0	32.4	30.5	33.9	32.9	33.0
Adequate	43.7	43.4	43.6	42.9	42.4	41.0	40.9	37.3	37.6	38.9
Intermediate	12.9	13.0	12.5	13.2	13.6	13.6	13.8	9.0	9.3	8.2
Inadequate	11.8	11.9	11.4	11.5	12.3	12.3	13.5	18.2	18.4	18.3
No Care	0.8	0.8	0.7	0.6	0.8	0.7	1.3	1.6	1.8	1.5

*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not strictly comparable with data from prior years.

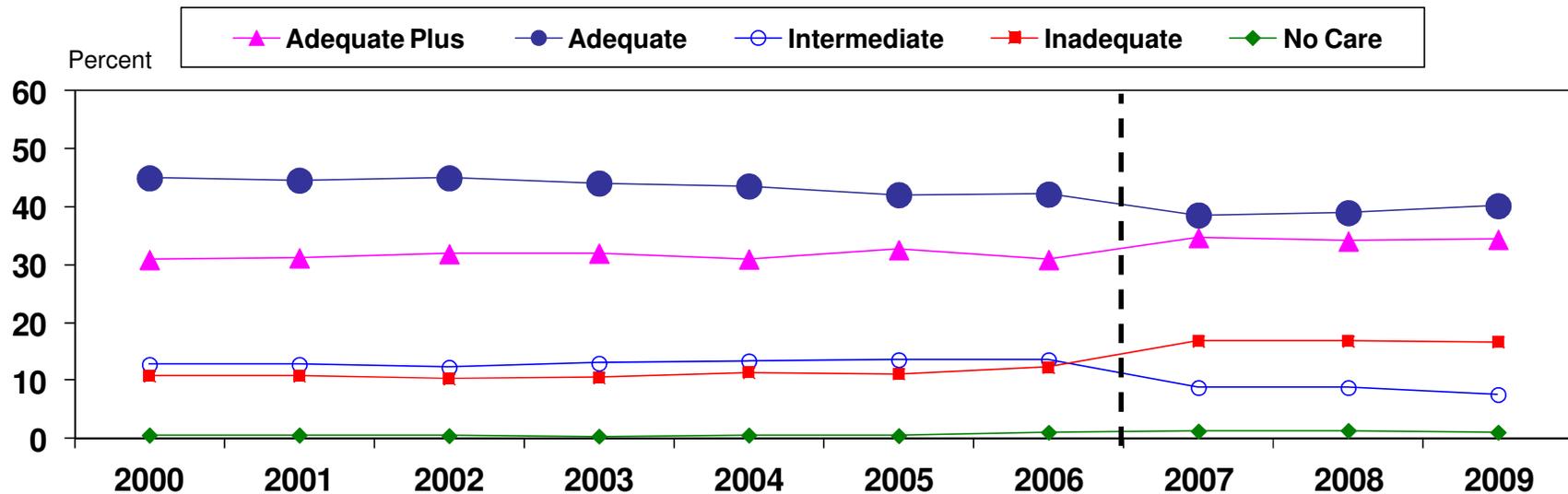
Please see the Preface for more detailed information.

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

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

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

White Population, Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Adequate Plus	30.9	31.2	31.9	32.0	31.0	32.6	30.9	34.7	34.1	34.4
Adequate	45.0	44.6	45.0	44.1	43.6	42.1	42.2	38.6	39.0	40.2
Intermediate	12.8	12.8	12.3	13.0	13.4	13.6	13.6	8.8	8.8	7.6
Inadequate	10.8	10.8	10.3	10.5	11.4	11.2	12.3	16.8	16.8	16.7
No Care	0.6	0.6	0.5	0.4	0.6	0.5	1.1	1.3	1.4	1.1

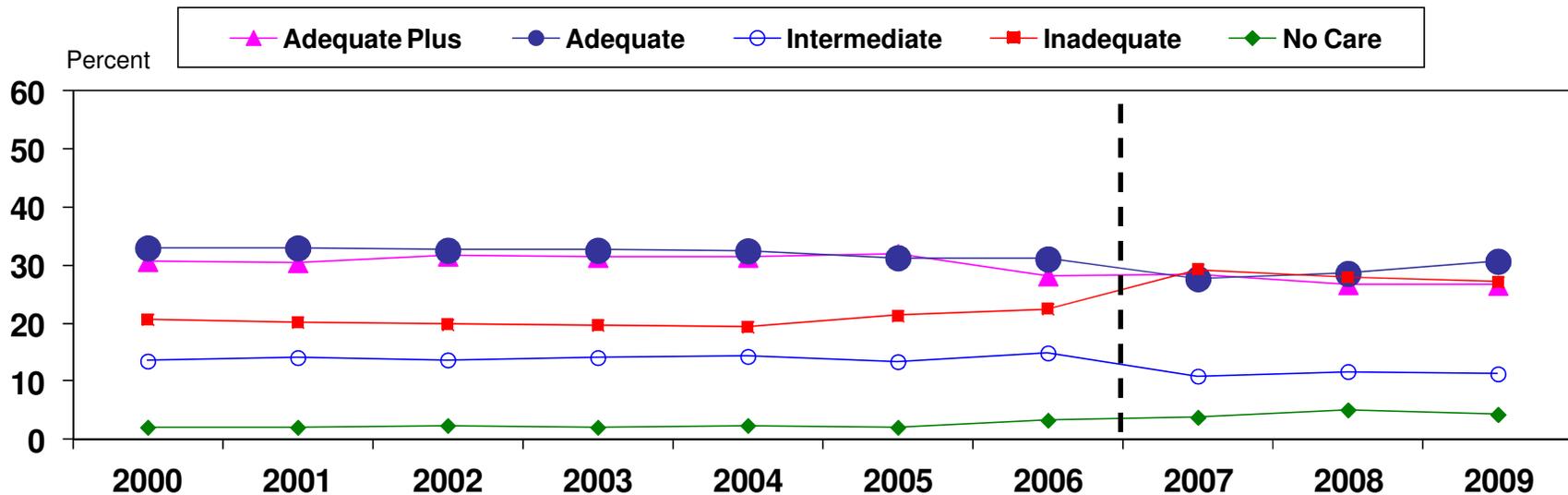
*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

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

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

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

Black Population, Indiana Residents, 2000-2009



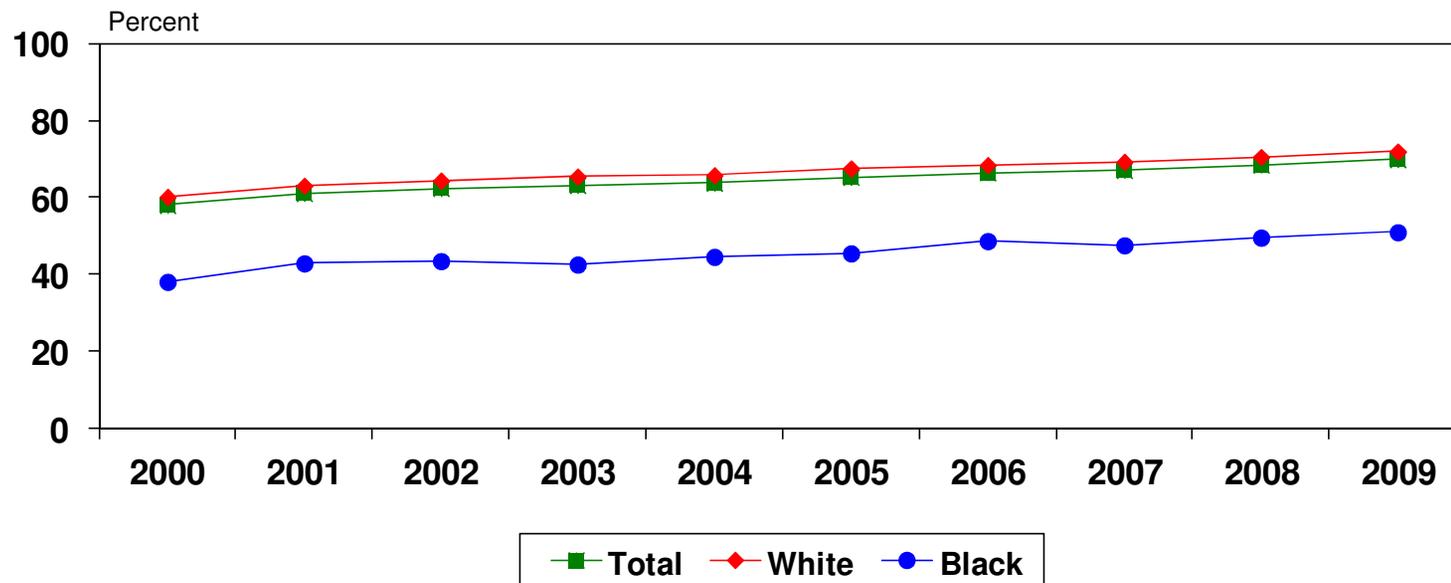
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Adequate Plus	30.7	30.5	31.6	31.4	31.4	32.0	28.2	28.4	26.7	26.6
Adequate	33.0	33.0	32.6	32.6	32.5	31.3	31.1	27.7	28.6	30.7
Intermediate	13.5	14.1	13.7	14.1	14.3	13.4	14.9	10.9	11.7	11.3
Inadequate	20.7	20.2	19.8	19.7	19.4	21.3	22.5	29.3	28.0	27.1
No Care	2.1	2.1	2.4	2.1	2.4	2.1	3.3	3.8	5.1	4.3

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

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

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

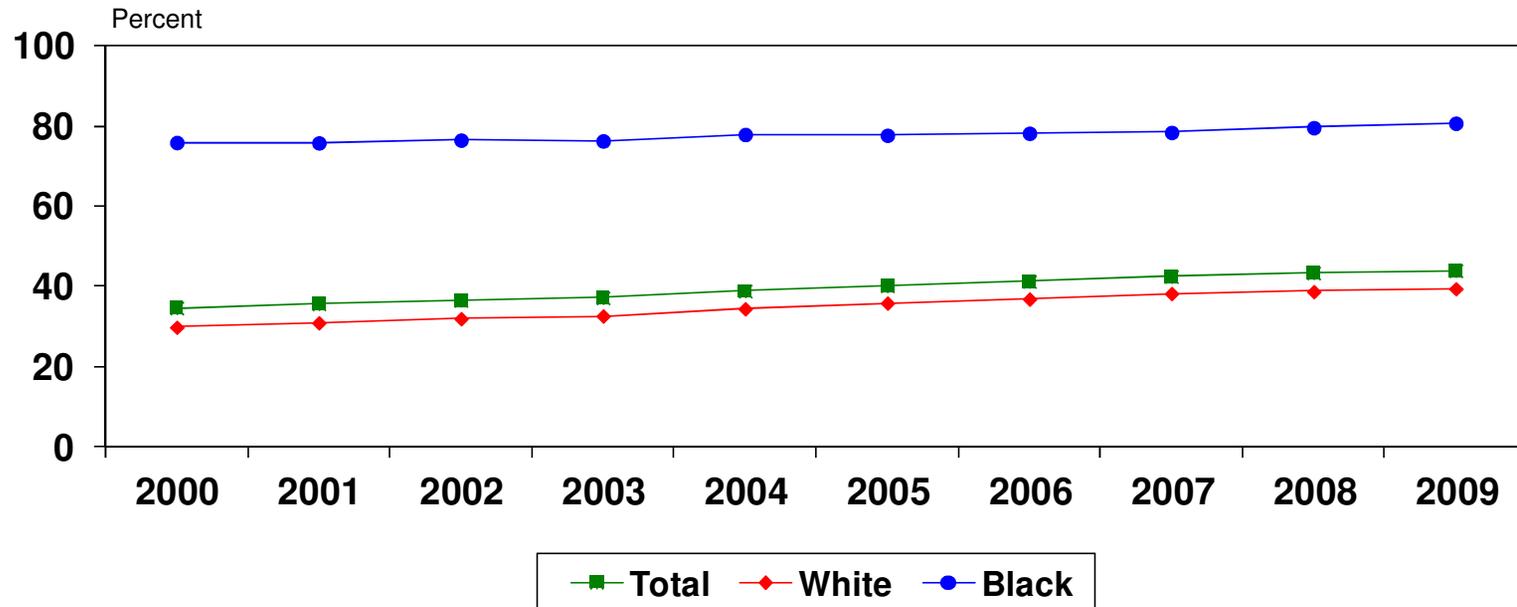
Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Race Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	58.0	61.1	62.4	63.2	63.8	65.3	66.5	67.1	68.5	69.9
White	60.2	63.1	64.4	65.5	65.8	67.6	68.5	69.3	70.6	72.0
Black	38.1	42.9	43.5	42.6	44.6	45.5	48.7	47.6	49.6	51.0

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

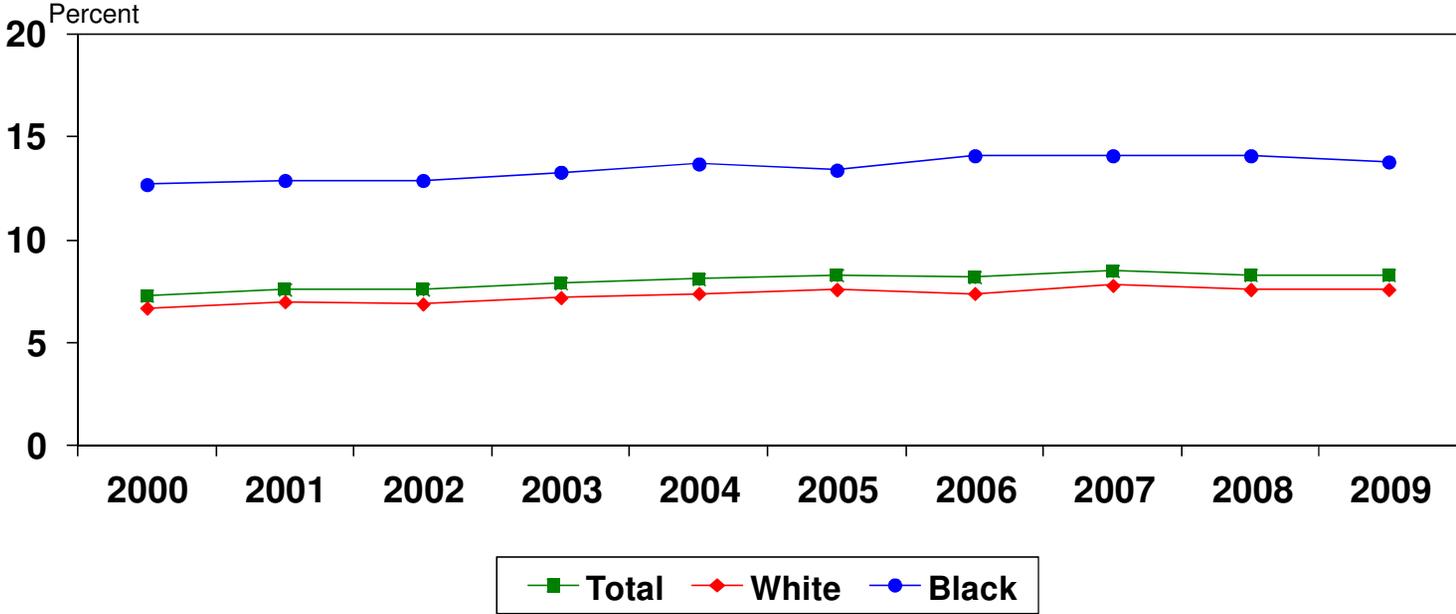
Percent of Live Births to Unmarried Mothers by Race of Mother Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	34.6	35.6	36.5	37.1	38.8	40.1	41.2	42.4	43.3	43.9
White	29.8	30.9	31.9	32.6	34.4	35.8	36.8	38.2	38.7	39.4
Black	75.9	75.8	76.5	76.3	77.9	77.7	78.2	78.4	79.6	80.7

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

Percent of Low Birthweight Infants by Race of Mother Indiana Residents, 2000-2009

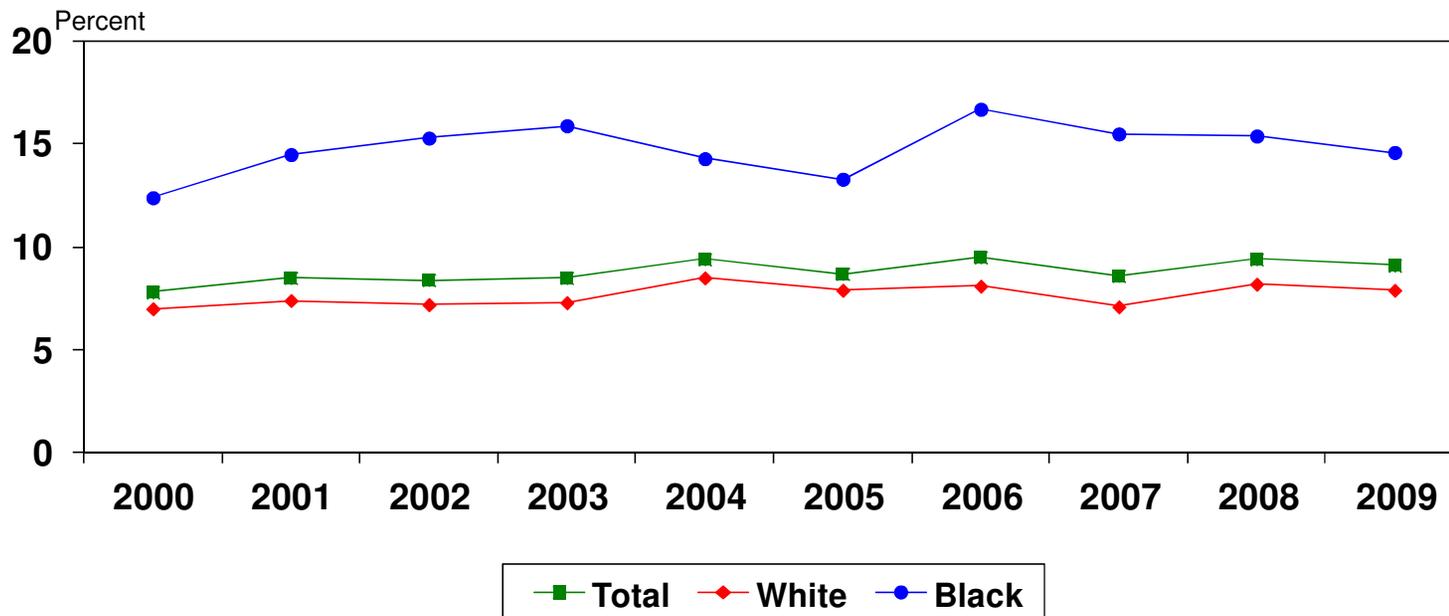


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	7.3	7.6	7.6	7.9	8.1	8.3	8.2	8.5	8.3	8.3
White	6.7	7.0	6.9	7.2	7.4	7.6	7.4	7.8	7.6	7.6
Black	12.7	12.9	12.9	13.3	13.7	13.4	14.1	14.1	14.1	13.8

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

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

Percent of Low Birthweight Infants by Race of Mother Allen County Residents, 2000-2009

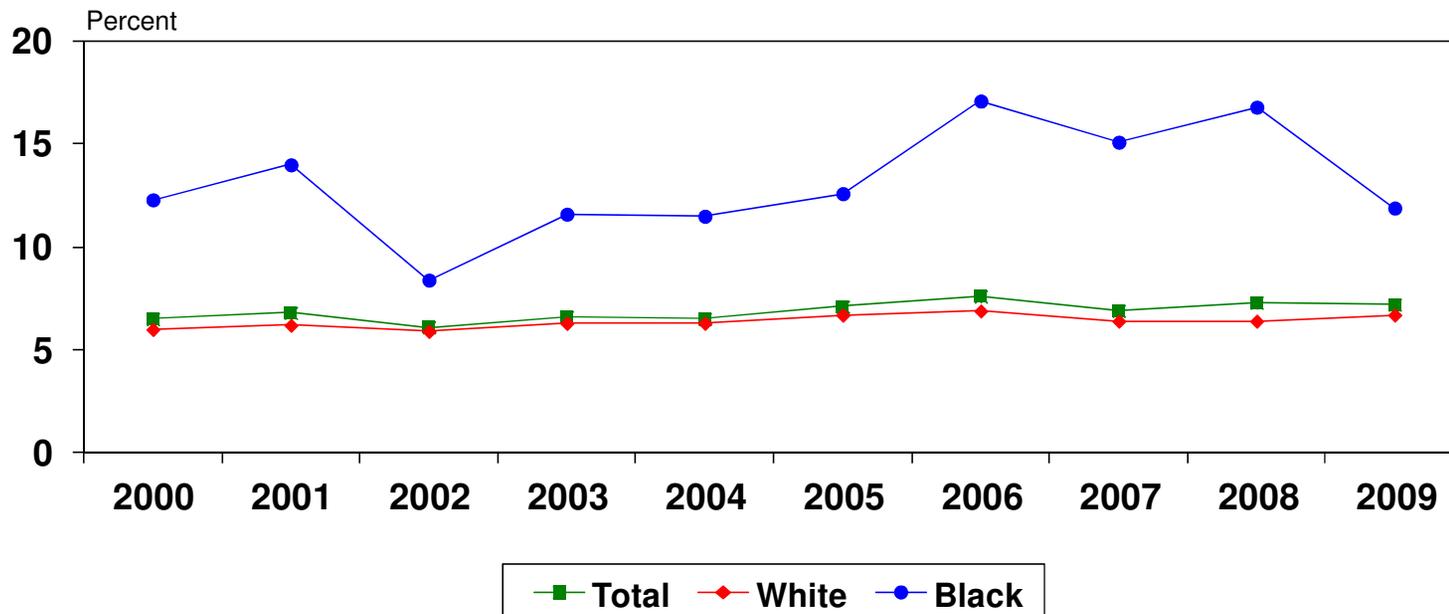


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	7.8	8.5	8.4	8.5	9.4	8.7	9.5	8.6	9.4	9.1
White	7.0	7.4	7.2	7.3	8.5	7.9	8.1	7.1	8.2	7.9
Black	12.4	14.5	15.3	15.9	14.3	13.3	16.7	15.5	15.4	14.6

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

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

Percent of Low Birthweight Infants by Race of Mother Elkhart County Residents, 2000-2009



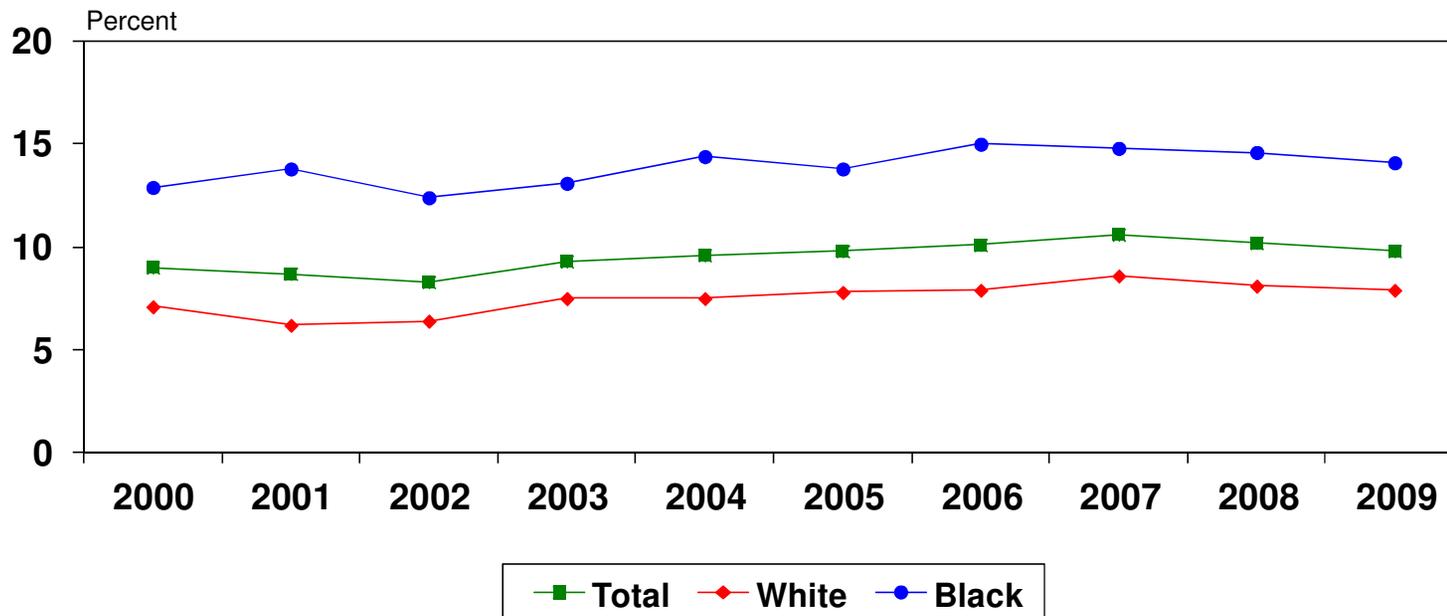
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	6.5	6.8	6.1	6.6	6.5	7.1	7.6	6.9	7.3	7.2
White	6.0	6.2	5.9	6.3	6.3	6.7	6.9	6.4	6.4	6.7
Black	12.3	14.0	8.4*	11.6	11.5	12.6	17.1	15.1	16.8	11.9

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

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

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

Percent of Low Birthweight Infants by Race of Mother Lake County Residents, 2000-2009

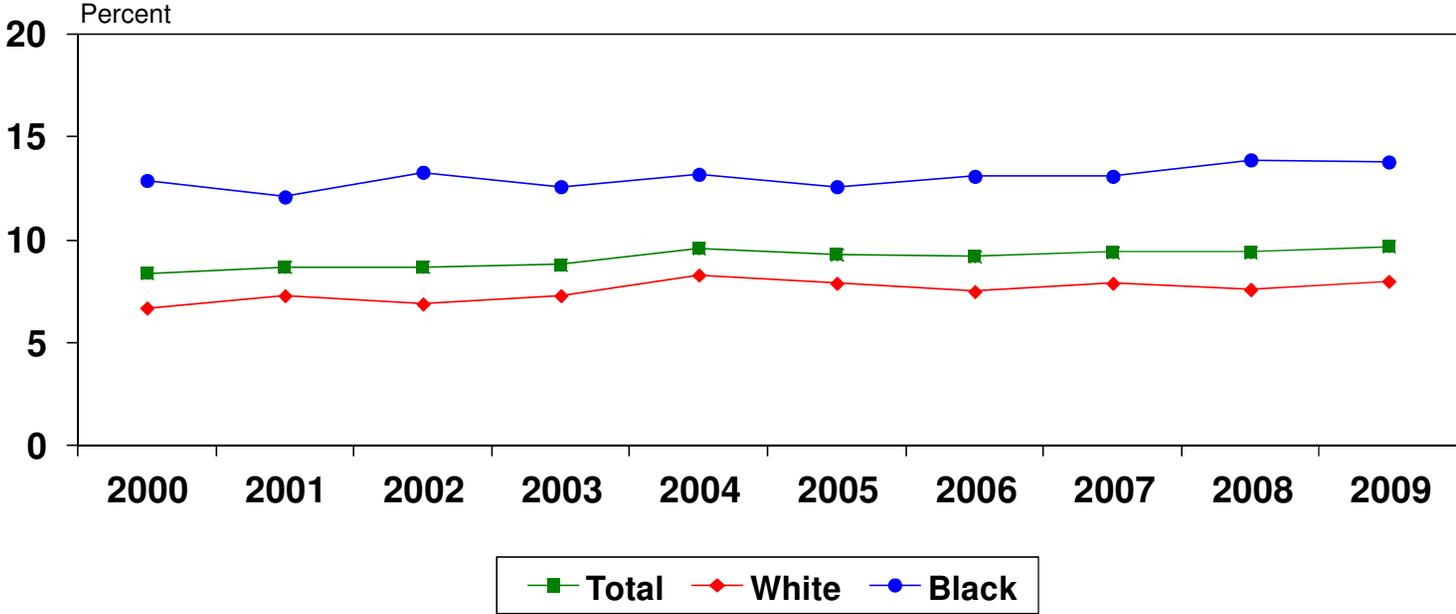


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	9.0	8.7	8.3	9.3	9.6	9.8	10.1	10.6	10.2	9.8
White	7.1	6.2	6.4	7.5	7.5	7.8	7.9	8.6	8.1	7.9
Black	12.9	13.8	12.4	13.1	14.4	13.8	15.0	14.8	14.6	14.1

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

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

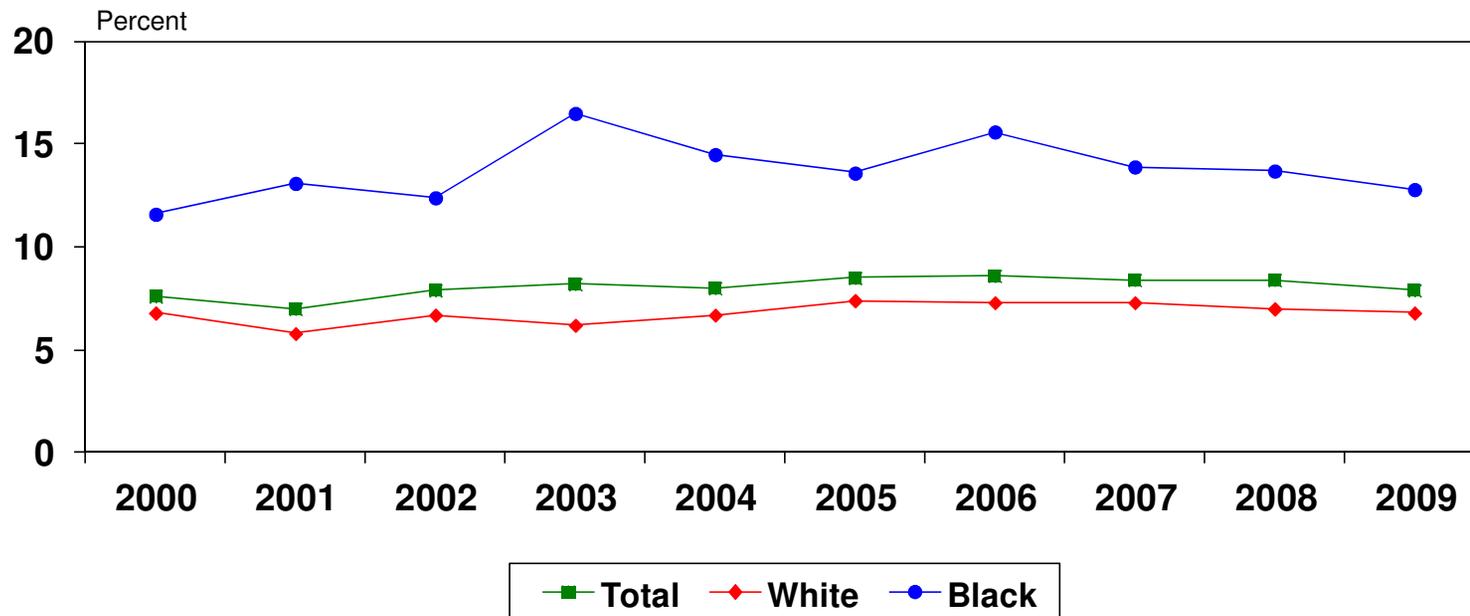
Percent of Low Birthweight Infants by Race of Mother Marion County Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	8.4	8.7	8.7	8.8	9.6	9.3	9.2	9.4	9.4	9.7
White	6.7	7.3	6.9	7.3	8.3	7.9	7.5	7.9	7.6	8.0
Black	12.9	12.1	13.3	12.6	13.2	12.6	13.1	13.1	13.9	13.8

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

Percent of Low Birthweight Infants by Race of Mother St. Joseph County Residents, 2000-2009

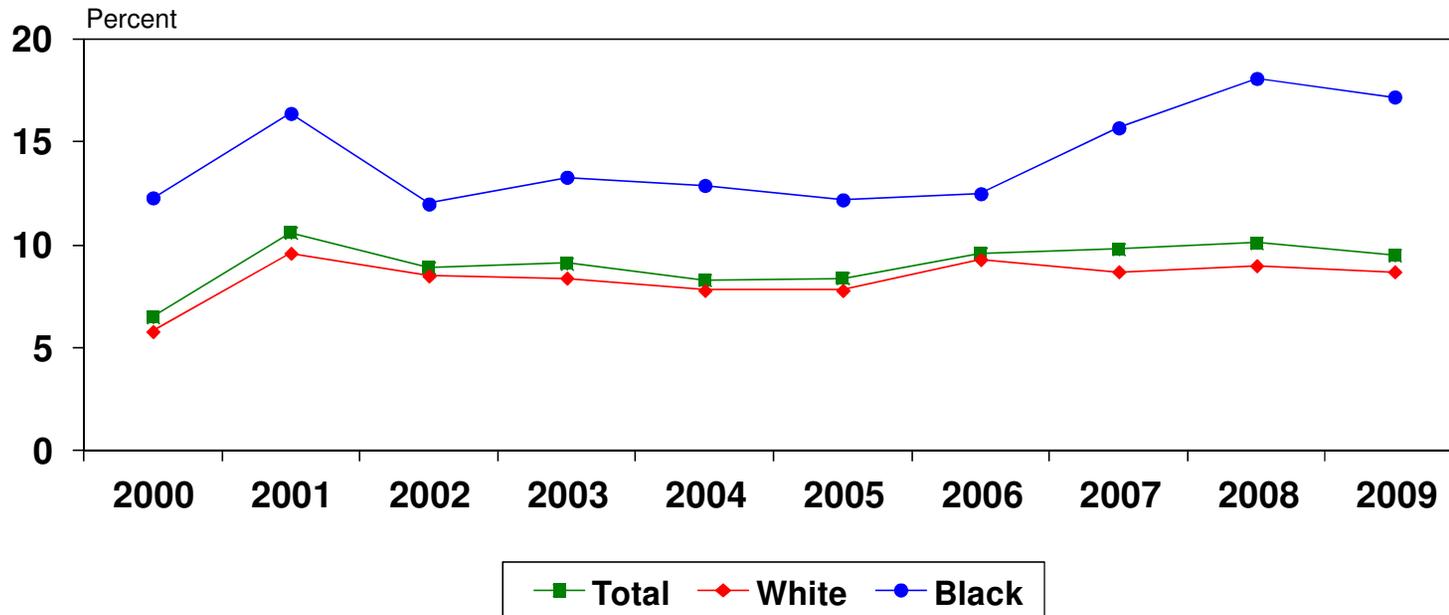


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	7.6	7.0	7.9	8.2	8.0	8.5	8.6	8.4	8.4	7.9
White	6.8	5.8	6.7	6.2	6.7	7.4	7.3	7.3	7.0	6.8
Black	11.6	13.1	12.4	16.5	14.5	13.6	15.6	13.9	13.7	12.8

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

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

Percent of Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 2000-2009

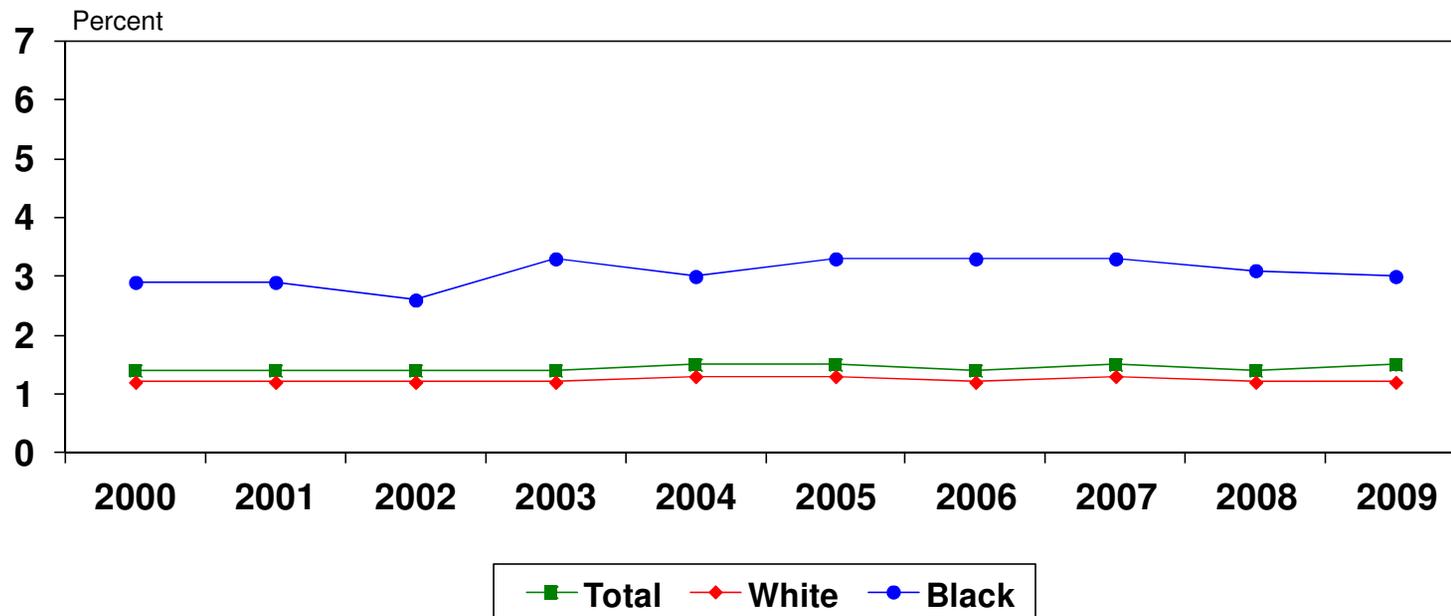


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	6.5	10.6	8.9	9.1	8.3	8.4	9.6	9.8	10.1	9.5
White	5.8	9.6	8.5	8.4	7.8	7.8	9.3	8.7	9.0	8.7
Black	12.3	16.4	12.0	13.3	12.9	12.2	12.5	15.7	18.1	17.2

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

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

Percent of Very Low Birthweight Infants by Race of Mother Indiana Residents, 2000-2009

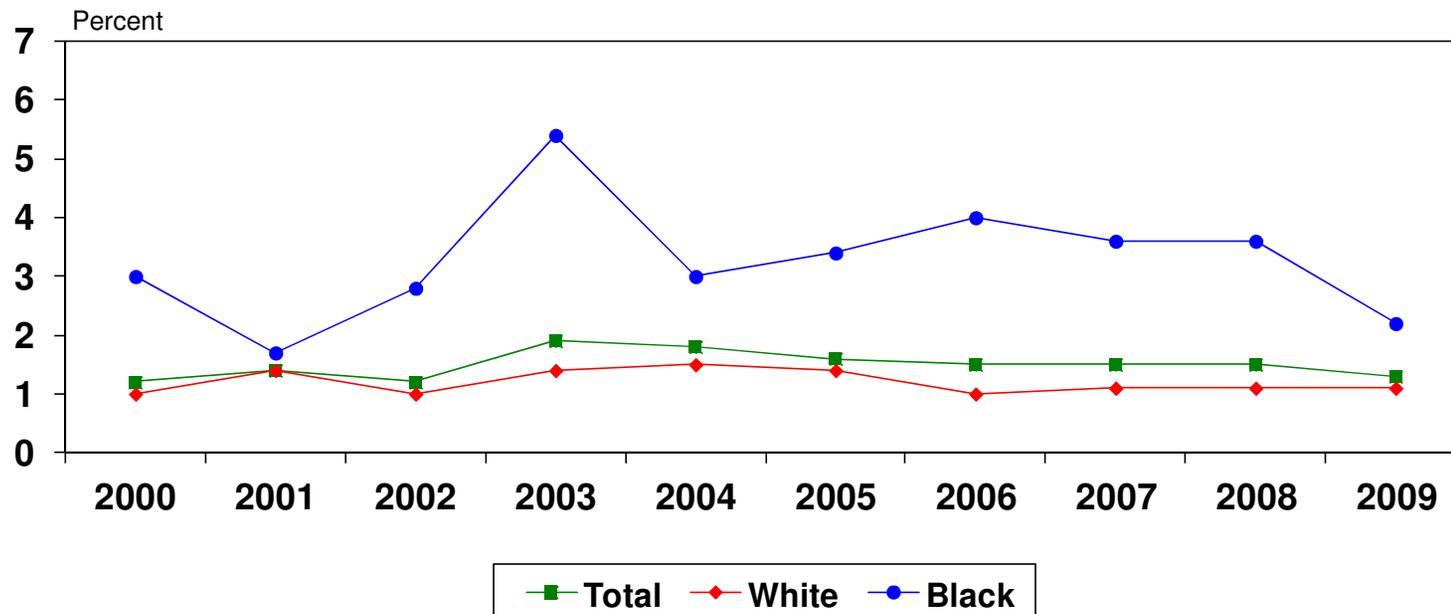


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.5
White	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.3	1.2	1.2
Black	2.9	2.9	2.6	3.3	3.0	3.3	3.3	3.3	3.1	3.0

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

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

Percent of Very Low Birthweight Infants by Race of Mother Allen County Residents, 2000-2009



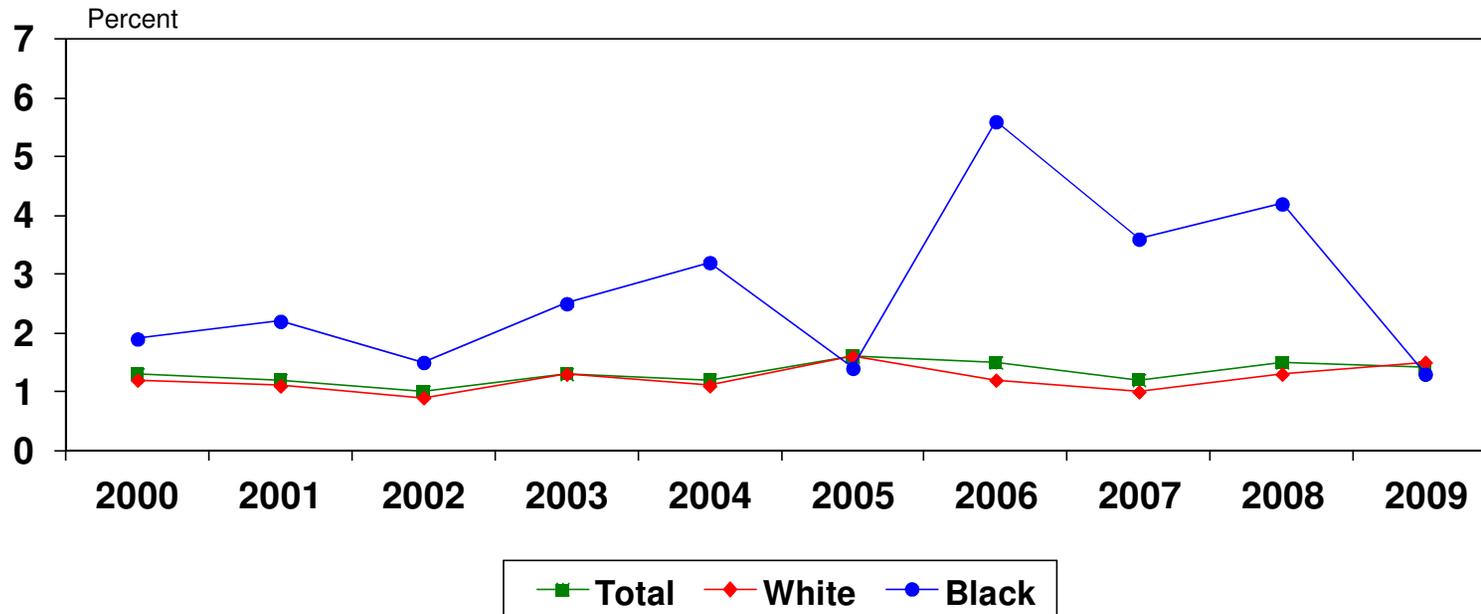
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	1.2	1.4	1.2	1.9	1.8	1.6	1.5	1.5	1.5	1.3
White	1.0	1.4	1.0	1.4	1.5	1.4	1.0	1.1	1.1	1.1
Black	3.0	1.7*	2.8	5.4	3.0	3.4	4.0	3.6	3.6	2.2*

*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, 2013

Percent of Very Low Birthweight Infants by Race of Mother Elkhart County Residents, 2000-2009



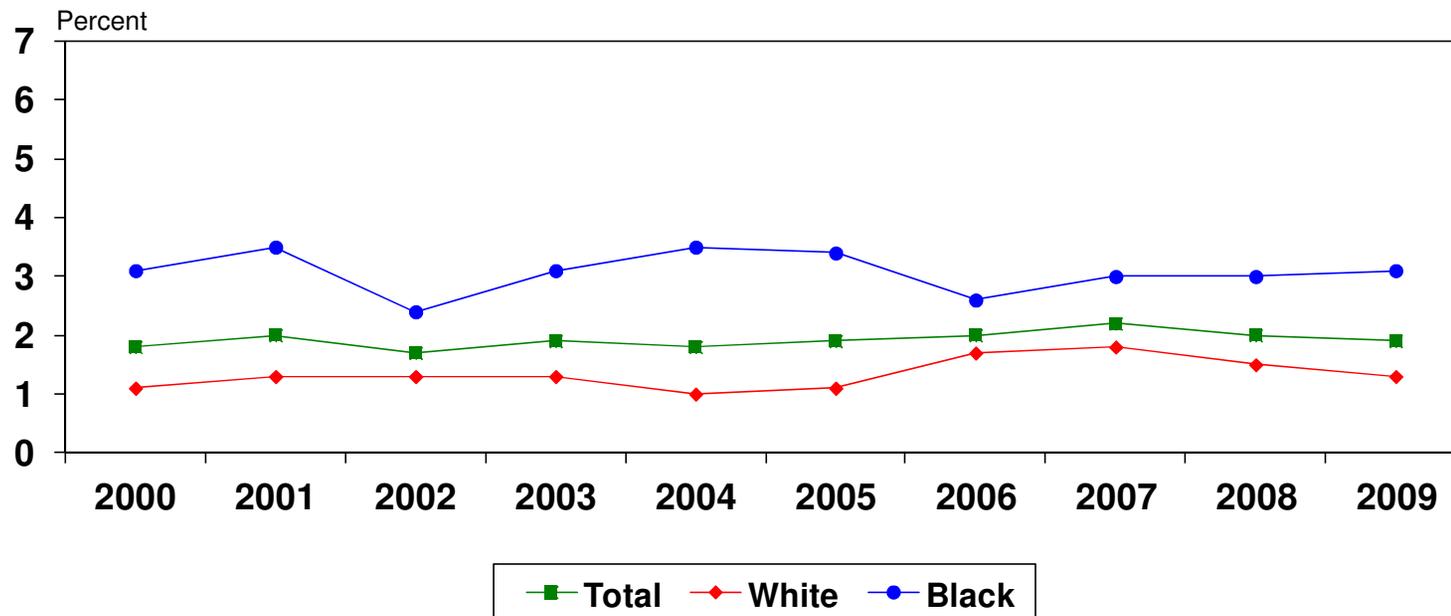
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	1.3	1.2	1.0	1.3	1.2	1.6	1.5	1.2	1.5	1.4
White	1.2	1.1	0.9	1.3	1.1	1.6	1.2	1.0	1.3	1.5
Black	1.9*	2.2*	1.5*	2.5*	3.2*	1.4*	5.6*	3.6*	4.2*	1.3*

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

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

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

Percent of Very Low Birthweight Infants by Race of Mother Lake County Residents, 2000-2009

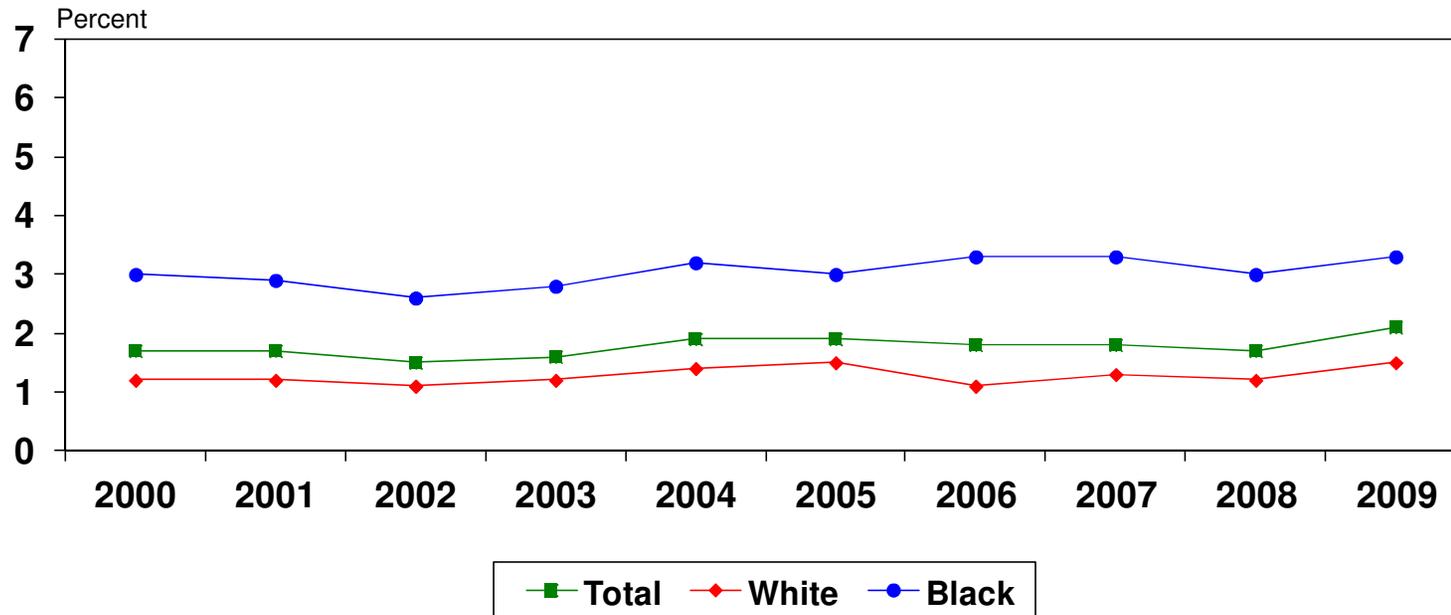


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	1.8	2.0	1.7	1.9	1.8	1.9	2.0	2.2	2.0	1.9
White	1.1	1.3	1.3	1.3	1.0	1.1	1.7	1.8	1.5	1.3
Black	3.1	3.5	2.4	3.1	3.5	3.4	2.6	3.0	3.0	3.1

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

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

Percent of Very Low Birthweight Infants by Race of Mother Marion County Residents, 2000-2009

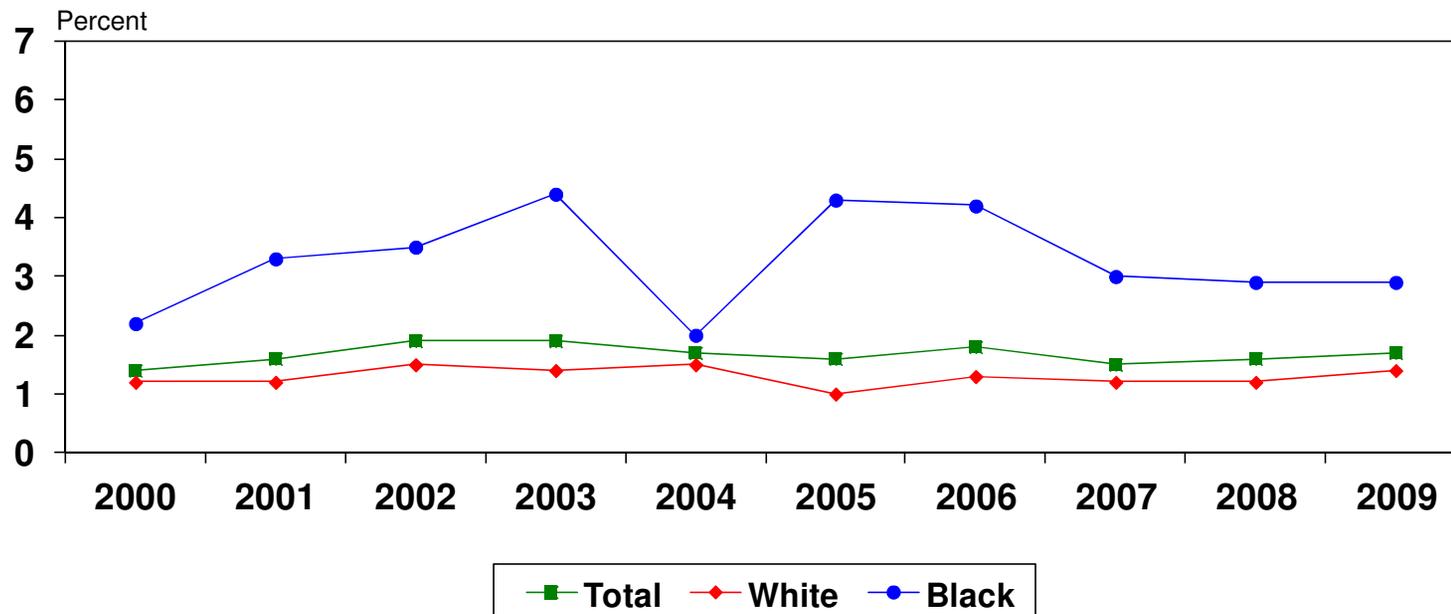


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	1.7	1.7	1.5	1.6	1.9	1.9	1.8	1.8	1.7	2.1
White	1.2	1.2	1.1	1.2	1.4	1.5	1.1	1.3	1.2	1.5
Black	3.0	2.9	2.6	2.8	3.2	3.0	3.3	3.3	3.0	3.3

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

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

Percent of Very Low Birthweight Infants by Race of Mother St. Joseph County Residents, 2000-2009



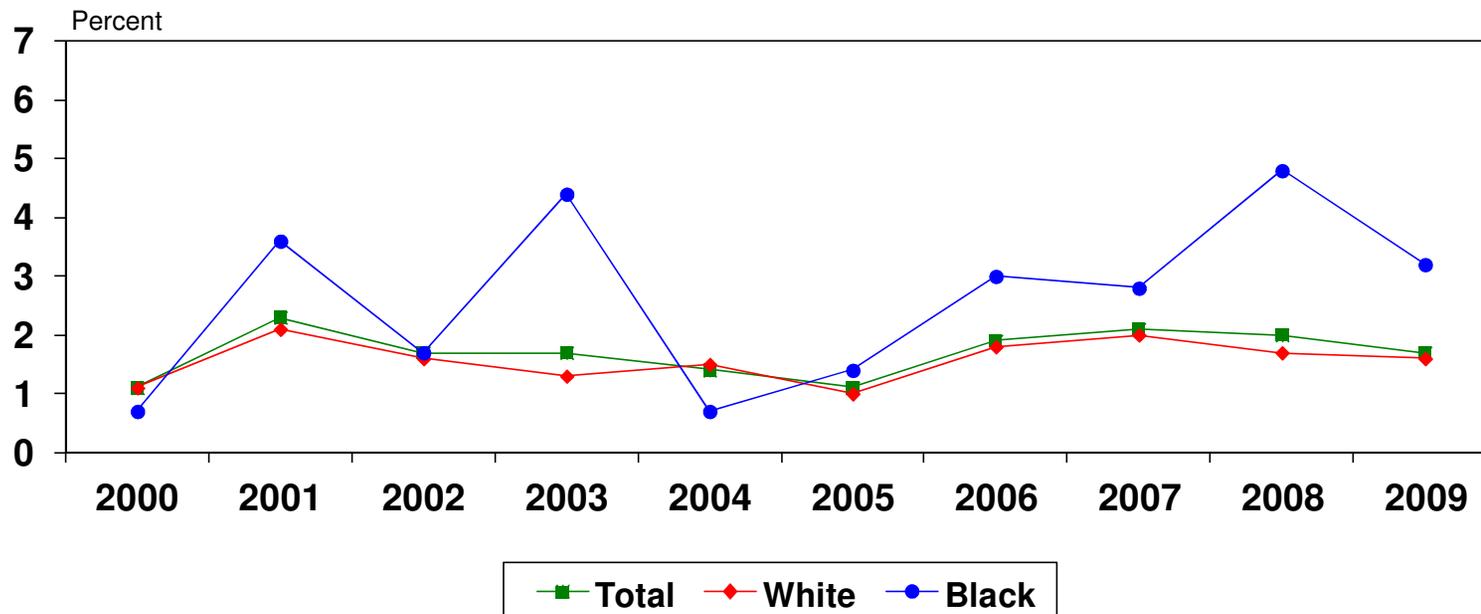
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	1.4	1.6	1.9	1.9	1.7	1.6	1.8	1.5	1.6	1.7
White	1.2	1.2	1.5	1.4	1.5	1.0	1.3	1.2	1.2	1.4
Black	2.2*	3.3	3.5	4.4	2.0*	4.3	4.2	3.0	2.9	2.9

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

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

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

Percent of Very Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 2000-2009



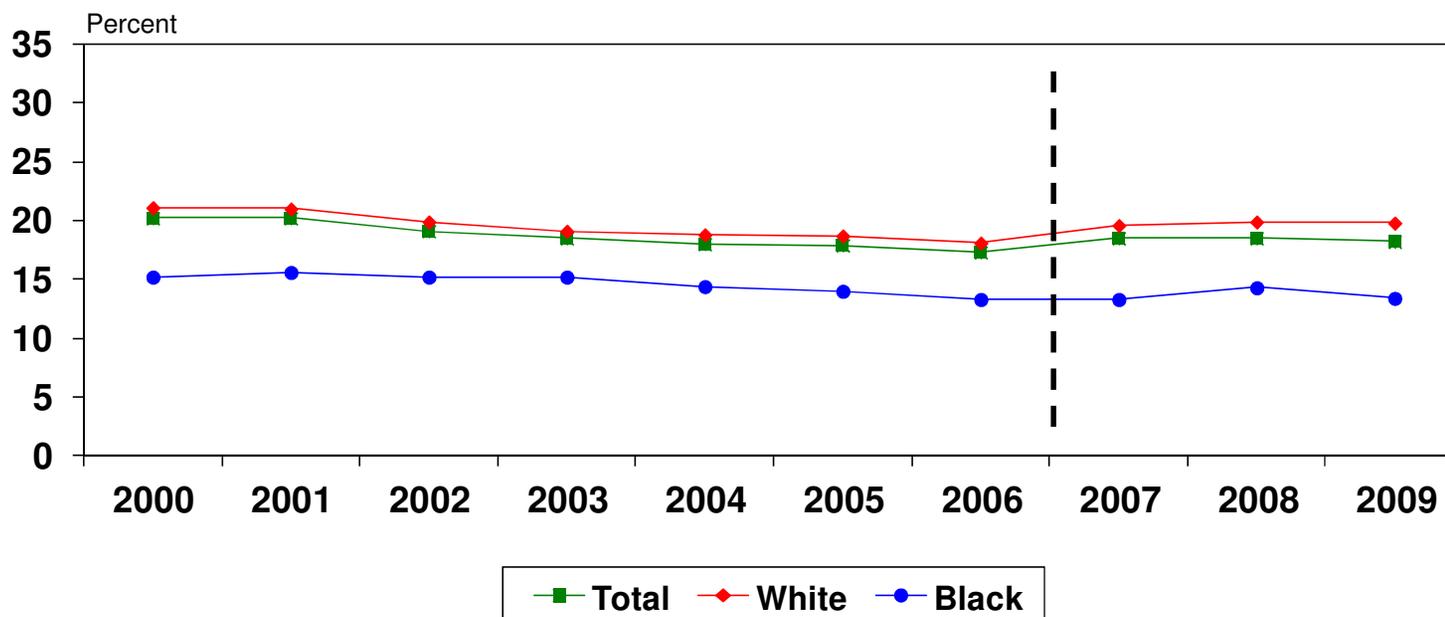
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	1.1	2.3	1.7	1.7	1.4	1.1	1.9	2.1	2.0	1.7
White	1.1	2.1	1.6	1.3	1.5	1.0	1.8	2.0	1.7	1.6
Black	0.7*	3.6*	1.7*	4.4*	0.7*	1.4*	3.0*	2.8*	4.8*	3.2*

*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, 2013

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Indiana Residents, 2000-2009

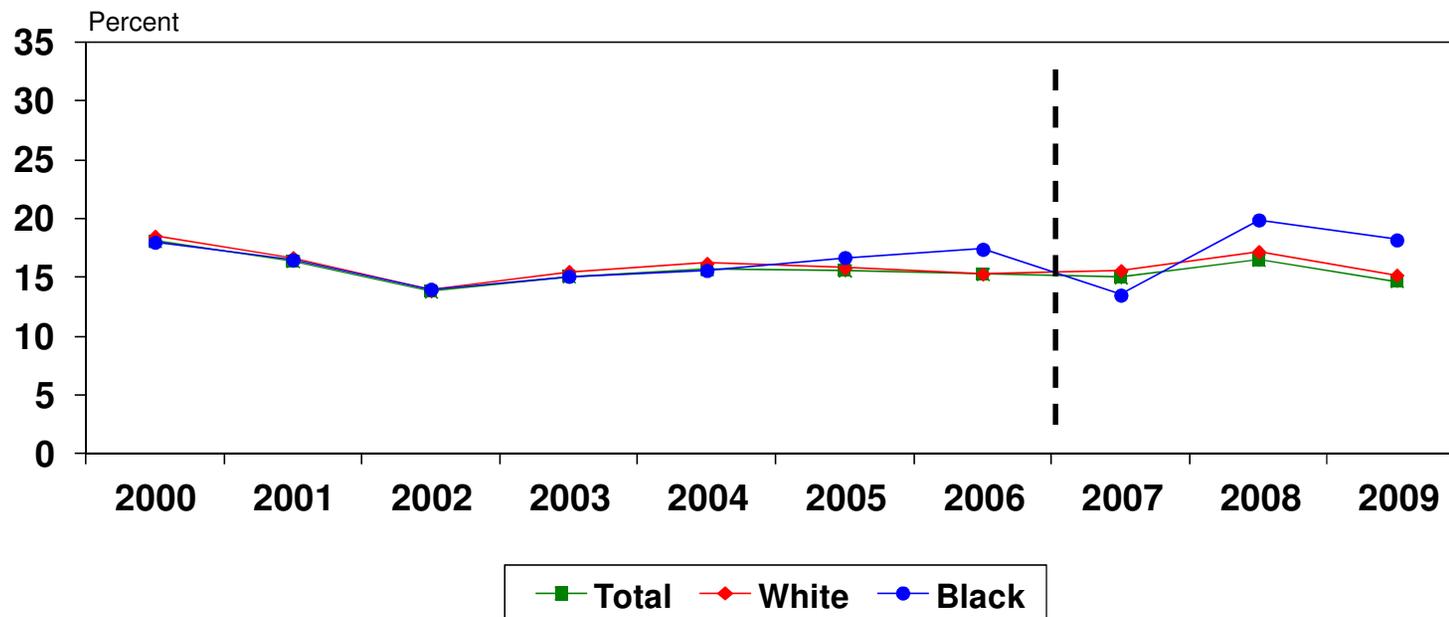


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	20.2	20.2	19.1	18.5	18.0	17.9	17.3	18.5	18.5	18.2
White	21.1	21.0	19.9	19.1	18.8	18.7	18.1	19.6	19.9	19.8
Black	15.2	15.6	15.2	15.2	14.4	14.0	13.3	13.3	14.3	13.4

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

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

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Allen County Residents, 2000-2009

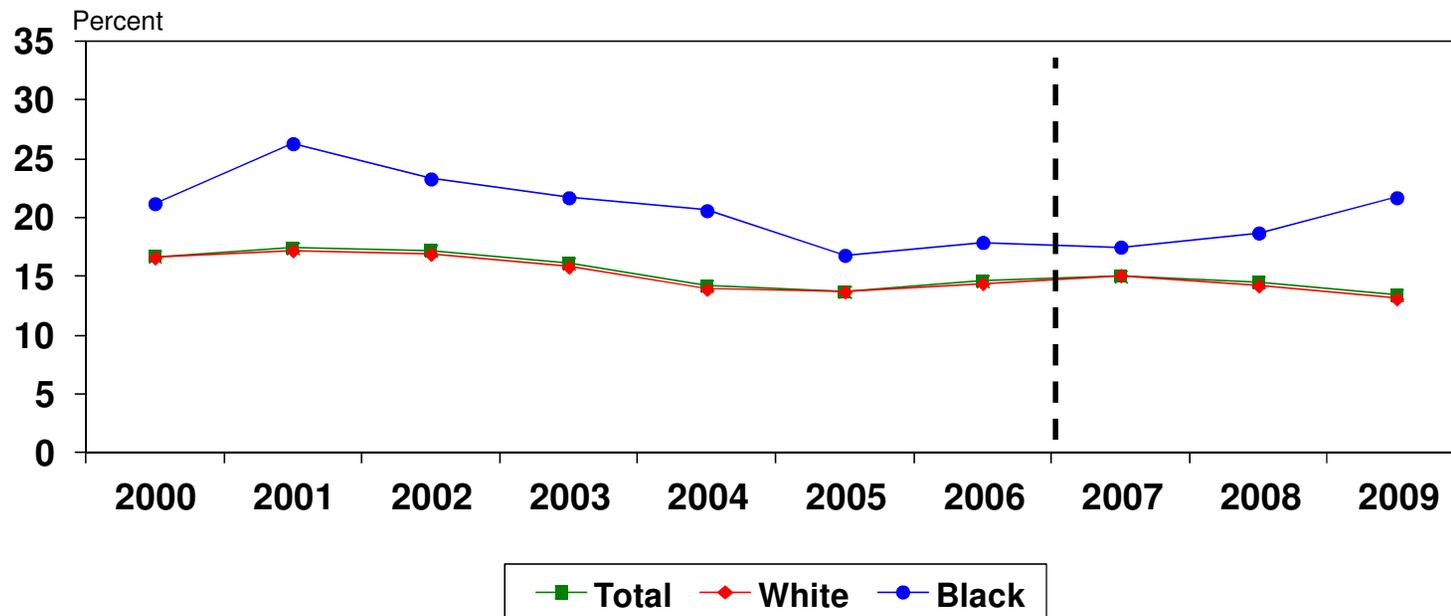


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	18.1	16.4	13.8	15.1	15.7	15.6	15.3	15.0	16.5	14.7
White	18.5	16.7	13.9	15.5	16.2	15.8	15.3	15.6	17.2	15.2
Black	18.0	16.5	14.0	15.1	15.6	16.7	17.4	13.5	19.9	18.2

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

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

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Elkhart County Residents, 2000-2009

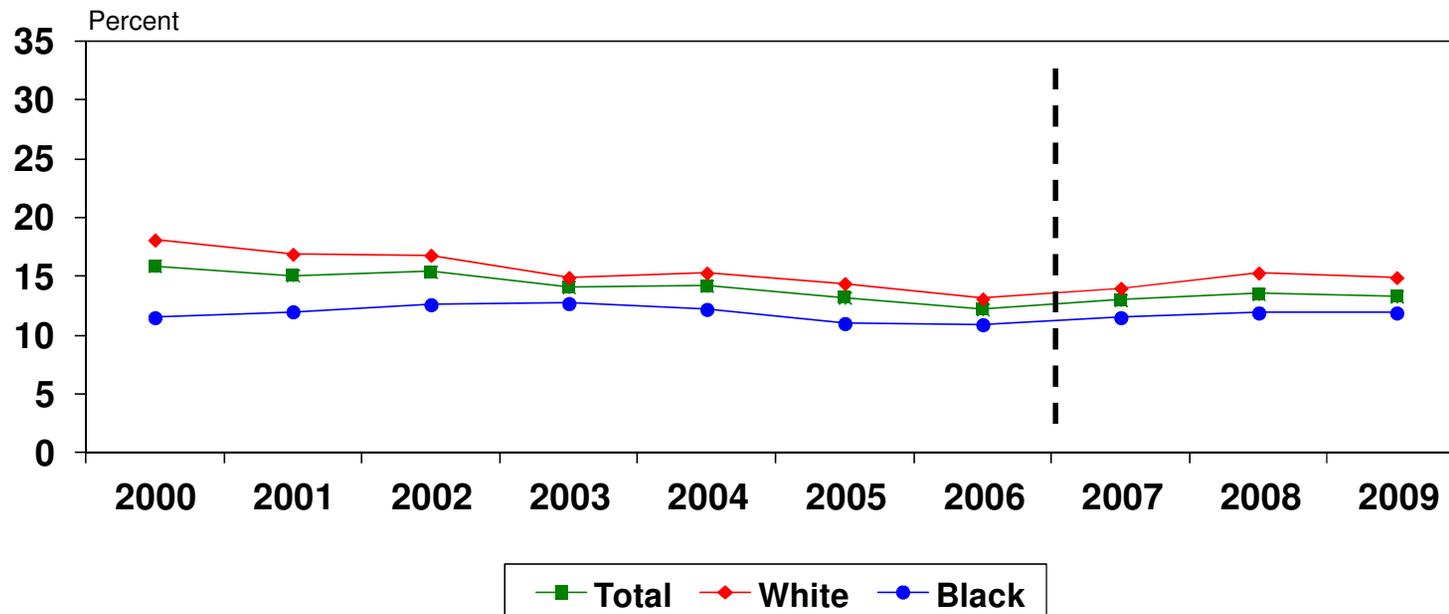


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	16.7	17.4	17.2	16.1	14.2	13.7	14.6	15.0	14.5	13.4
White	16.6	17.2	16.9	15.8	13.9	13.7	14.4	15.1	14.2	13.1
Black	21.2	26.3	23.3	21.7	20.6	16.8	17.9	17.5	18.7	21.7

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

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

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Lake County Residents, 2000-2009

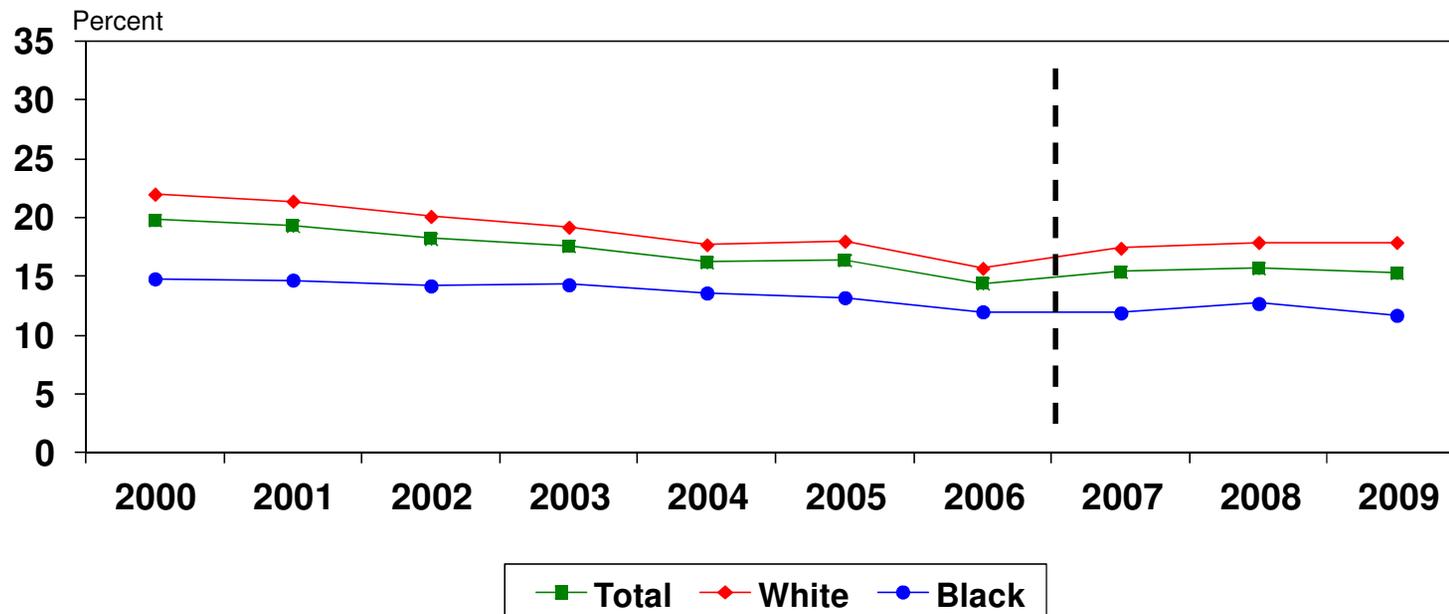


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	15.9	15.1	15.4	14.1	14.2	13.2	12.2	13.0	13.5	13.3
White	18.1	16.9	16.8	14.9	15.3	14.4	13.1	14.0	15.3	14.9
Black	11.5	12.0	12.6	12.7	12.2	11.0	10.9	11.5	11.9	11.9

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

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

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Marion County Residents, 2000-2009



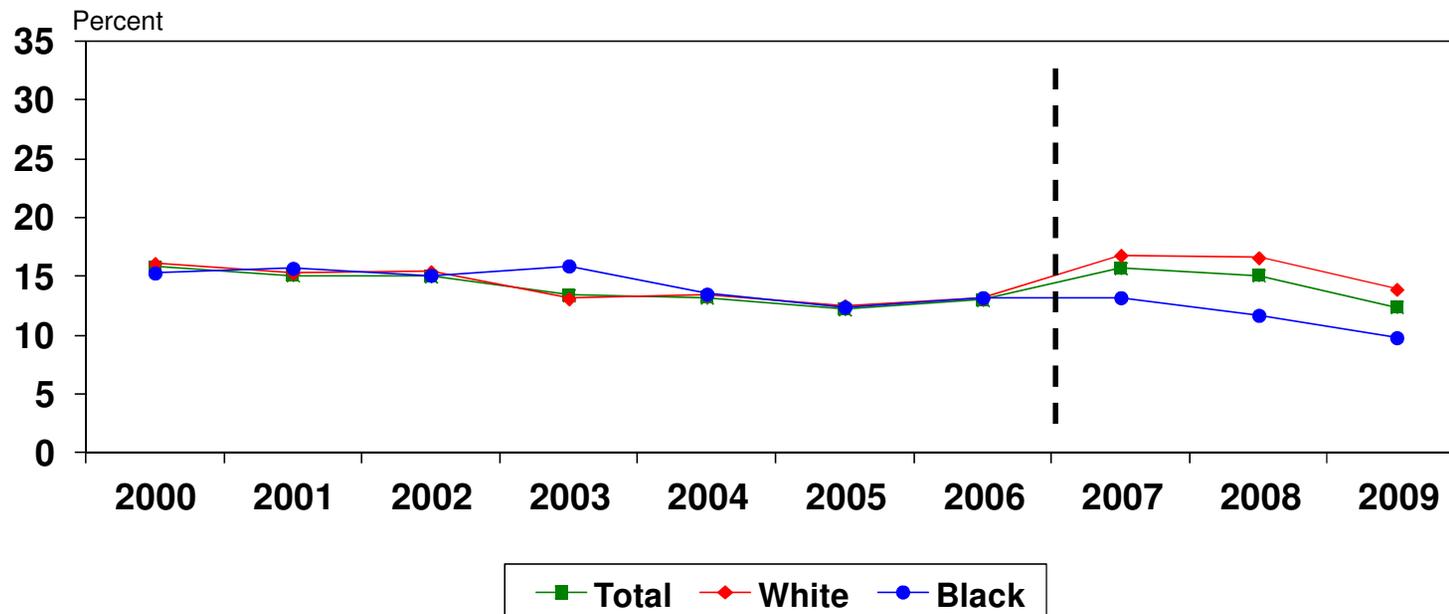
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	19.8	19.3	18.2	17.6	16.2	16.4	14.4	15.4	15.7	15.3
White	22.0	21.4	20.1	19.2	17.7	18.0	15.7	17.4	17.9	17.9
Black	14.8	14.7	14.2	14.3	13.6	13.2	12.0	11.9	12.7	11.7

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

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

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

St. Joseph County Residents, 2000-2009

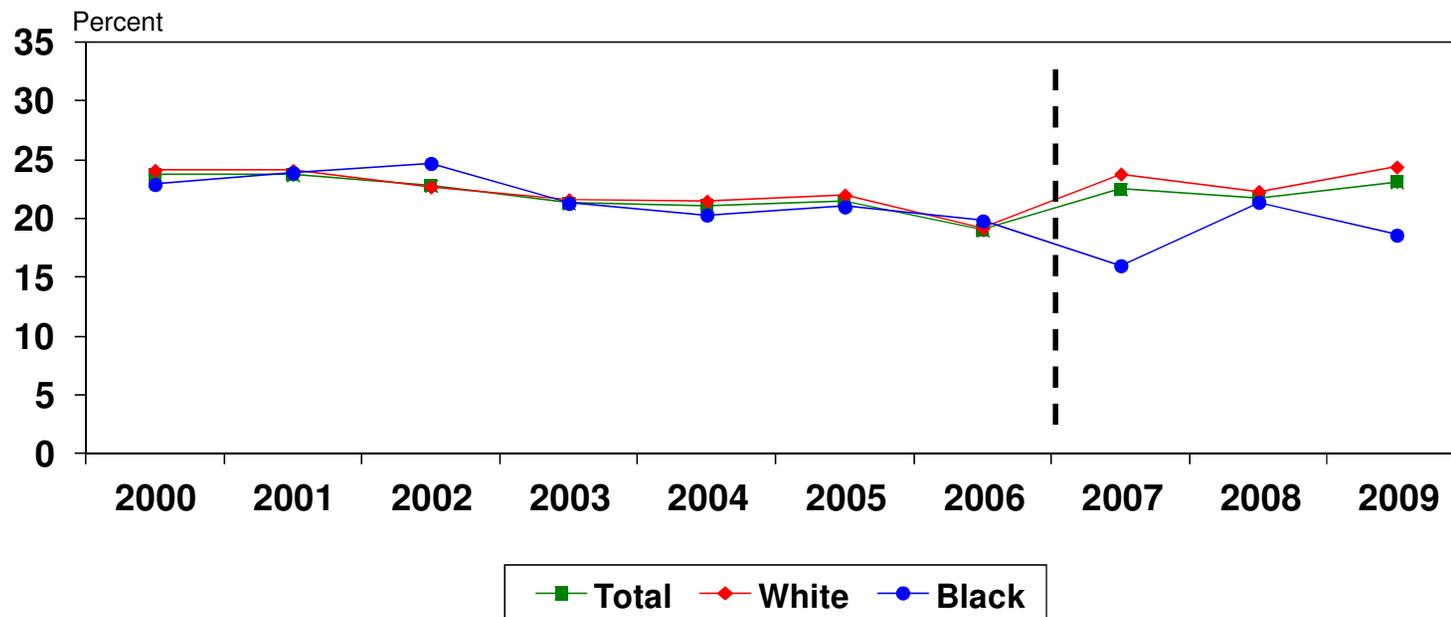


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	15.8	15.1	15.0	13.4	13.2	12.2	13.0	15.7	15.1	12.4
White	16.1	15.3	15.4	13.1	13.4	12.5	13.1	16.8	16.6	13.9
Black	15.3	15.7	15.1	15.9	13.5	12.4	13.2	13.2	11.7	9.8

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

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

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Vanderburgh County Residents, 2000-2009

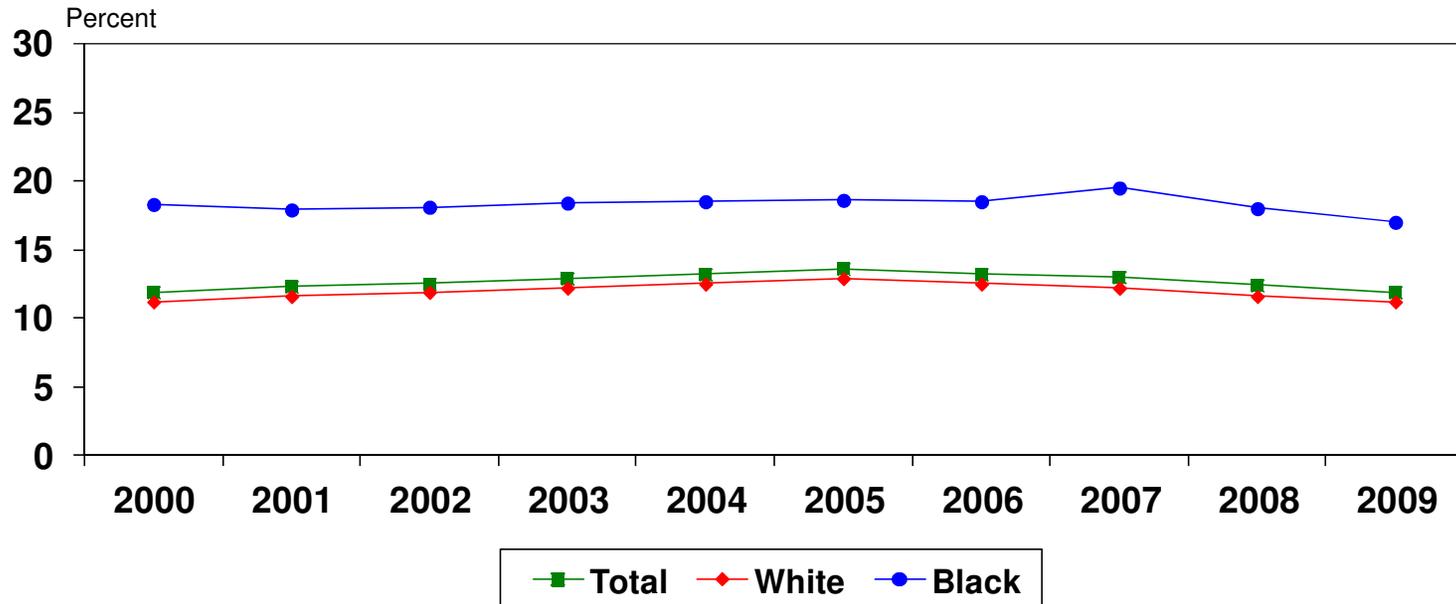


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	23.7	23.7	22.8	21.3	21.1	21.5	19.0	22.5	21.7	23.1
White	24.1	24.1	22.7	21.6	21.5	22.0	19.2	23.8	22.3	24.4
Black	22.9	23.9	24.7	21.3	20.3	21.0	19.8	16.0	21.4	18.6

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

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

Percent of Preterm Births** by Race of Mother Indiana Residents, 2000-2009



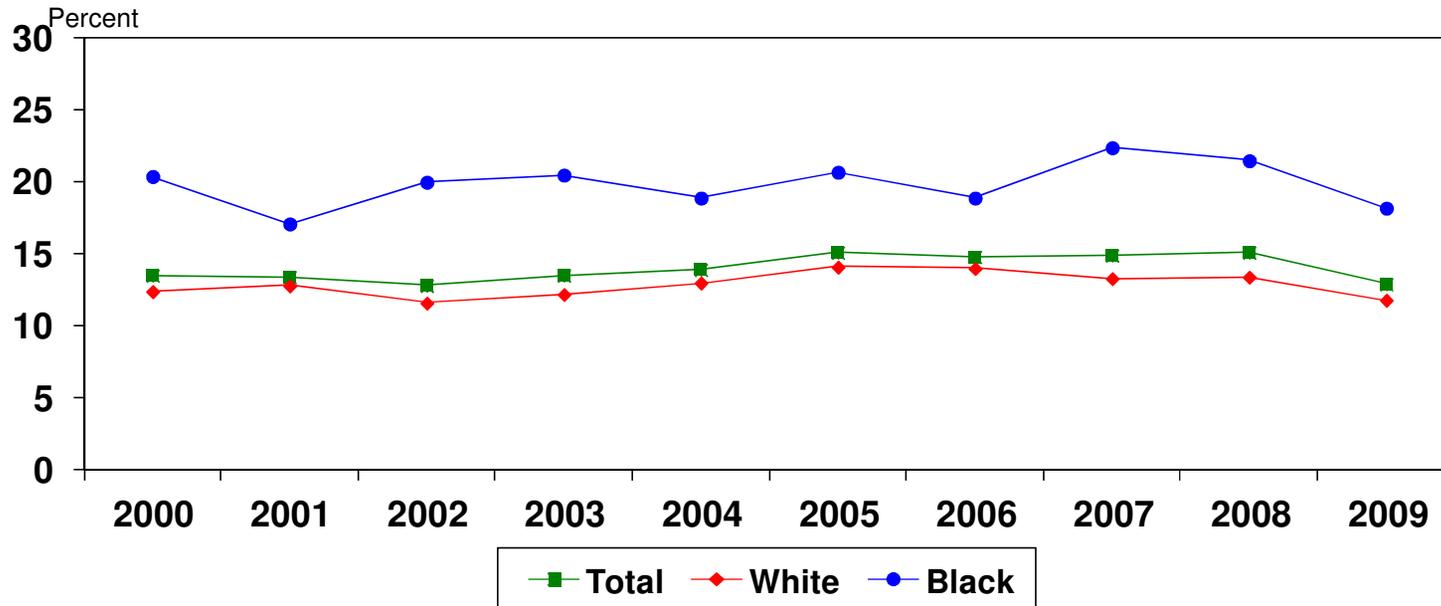
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	11.9	12.3	12.5	12.9	13.2	13.6	13.2	13.0	12.4	11.9
White	11.2	11.6	11.9	12.2	12.5	12.9	12.5	12.2	11.6	11.2
Black	18.3	17.9	18.1	18.4	18.5	18.6	18.5	19.5	18.0	17.0

**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 2009 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

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

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

Percent of Preterm Births** by Race of Mother Allen County Residents, 2000-2009



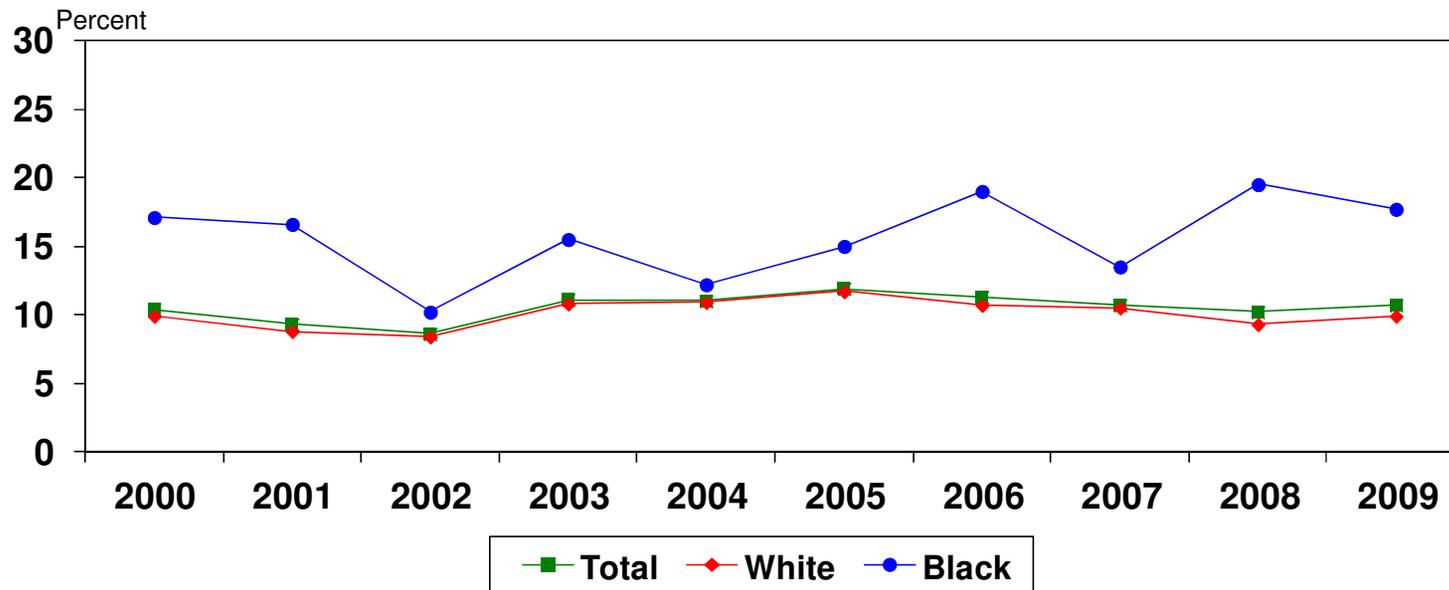
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	13.5	13.4	12.8	13.5	13.9	15.1	14.8	14.9	15.1	12.9
White	12.4	12.8	11.6	12.2	13.0	14.1	14.0	13.3	13.4	11.8
Black	20.4	17.1	20.0	20.5	18.9	20.7	18.9	22.4	21.5	18.2

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2009 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

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

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

Percent of Preterm Births** by Race of Mother Elkhart County Residents, 2000-2009



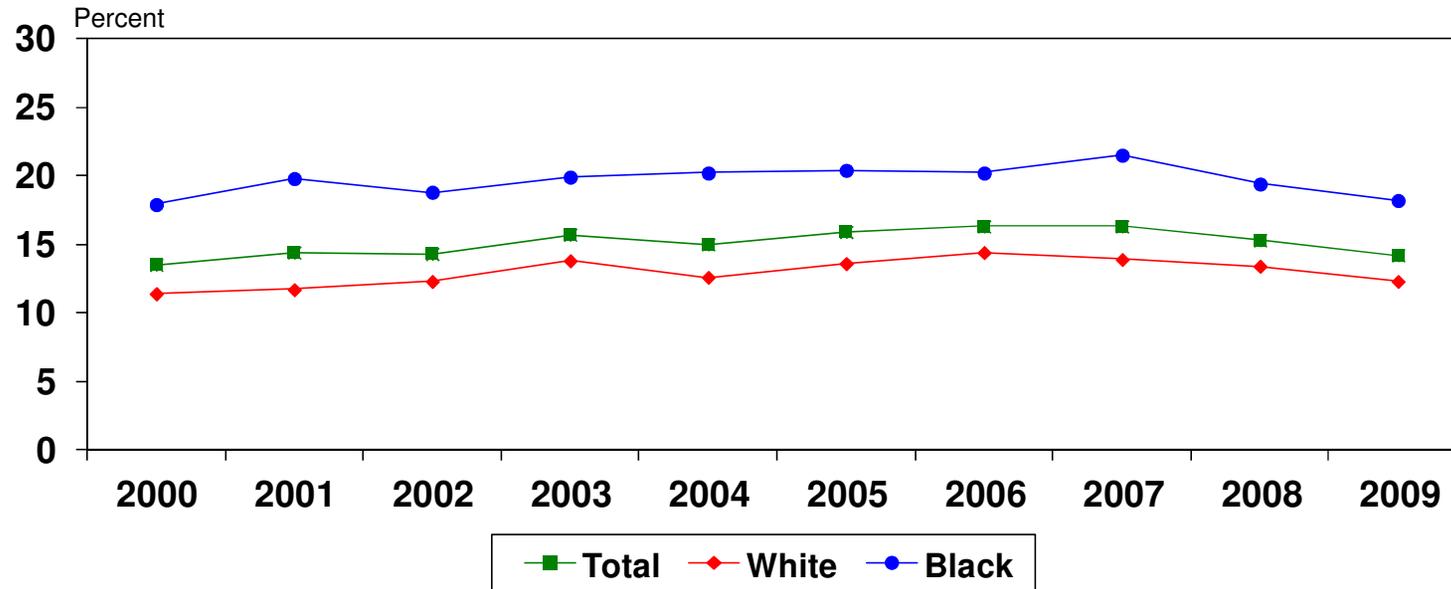
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	10.4	9.3	8.6	11.1	11.0	11.9	11.3	10.7	10.2	10.7
White	9.9	8.8	8.4	10.8	10.9	11.7	10.7	10.5	9.3	9.9
Black	17.1	16.6	10.2	15.5	12.2	15.0	19.0	13.5	19.5	17.7

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2009 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

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

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

Percent of Preterm Births** by Race of Mother Lake County Residents, 2000-2009



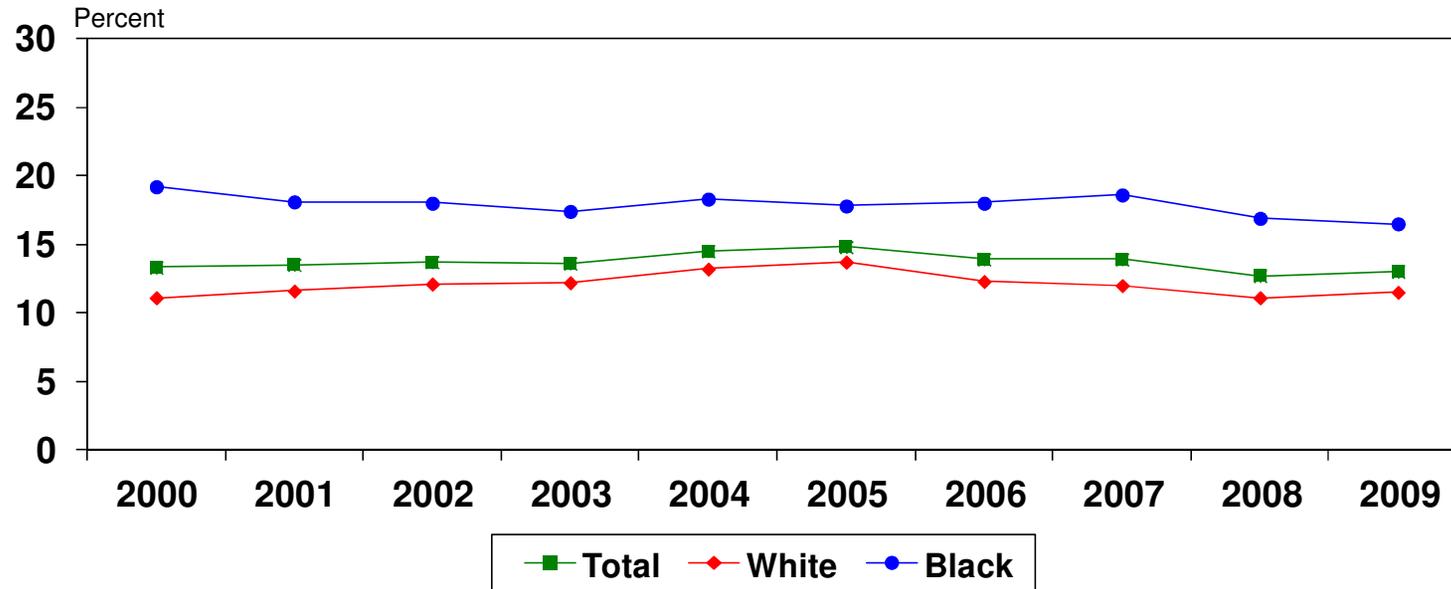
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	13.5	14.4	14.3	15.7	15.0	15.9	16.3	16.3	15.3	14.2
White	11.4	11.7	12.3	13.8	12.6	13.6	14.4	13.9	13.4	12.3
Black	17.9	19.8	18.8	19.9	20.2	20.4	20.2	21.5	19.4	18.2

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2009 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

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

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

Percent of Preterm Births** by Race of Mother Marion County Residents, 2000-2009



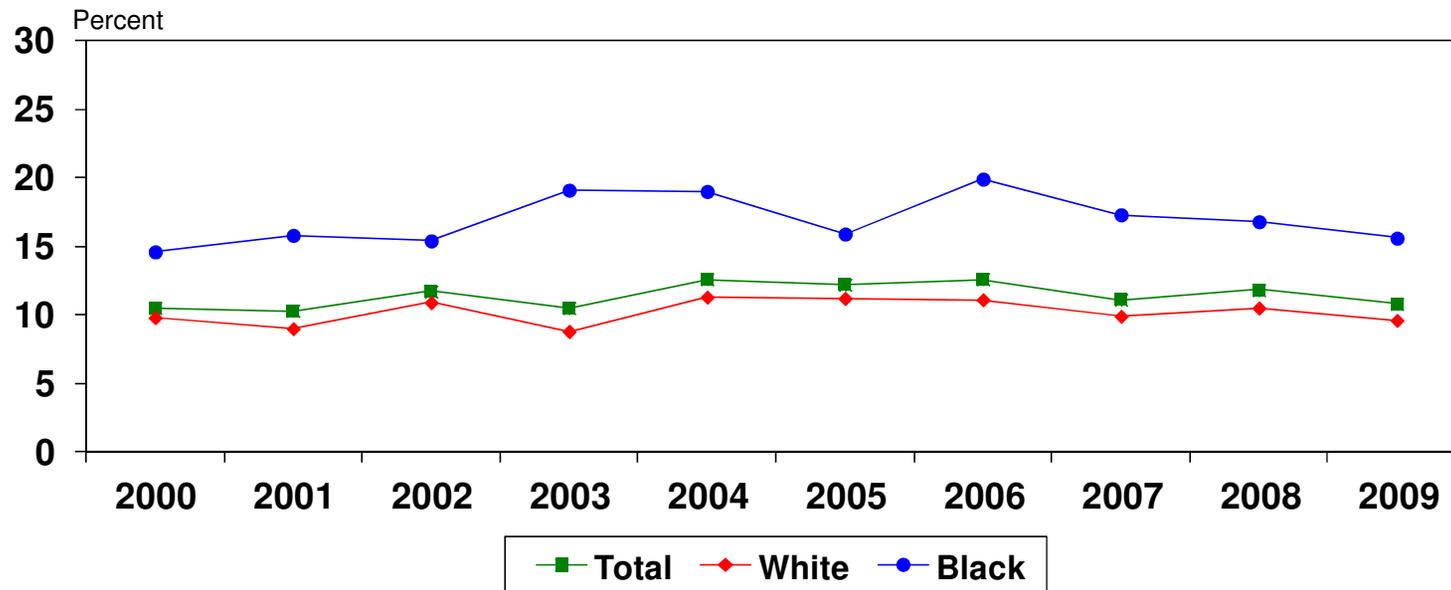
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	13.3	13.5	13.7	13.6	14.5	14.8	13.9	13.9	12.7	13.0
White	11.1	11.6	12.1	12.2	13.2	13.7	12.3	12.0	11.1	11.5
Black	19.2	18.1	18.0	17.4	18.3	17.8	18.0	18.6	16.9	16.5

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2009 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

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

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

Percent of Preterm Births** by Race of Mother St. Joseph County Residents, 2000-2009



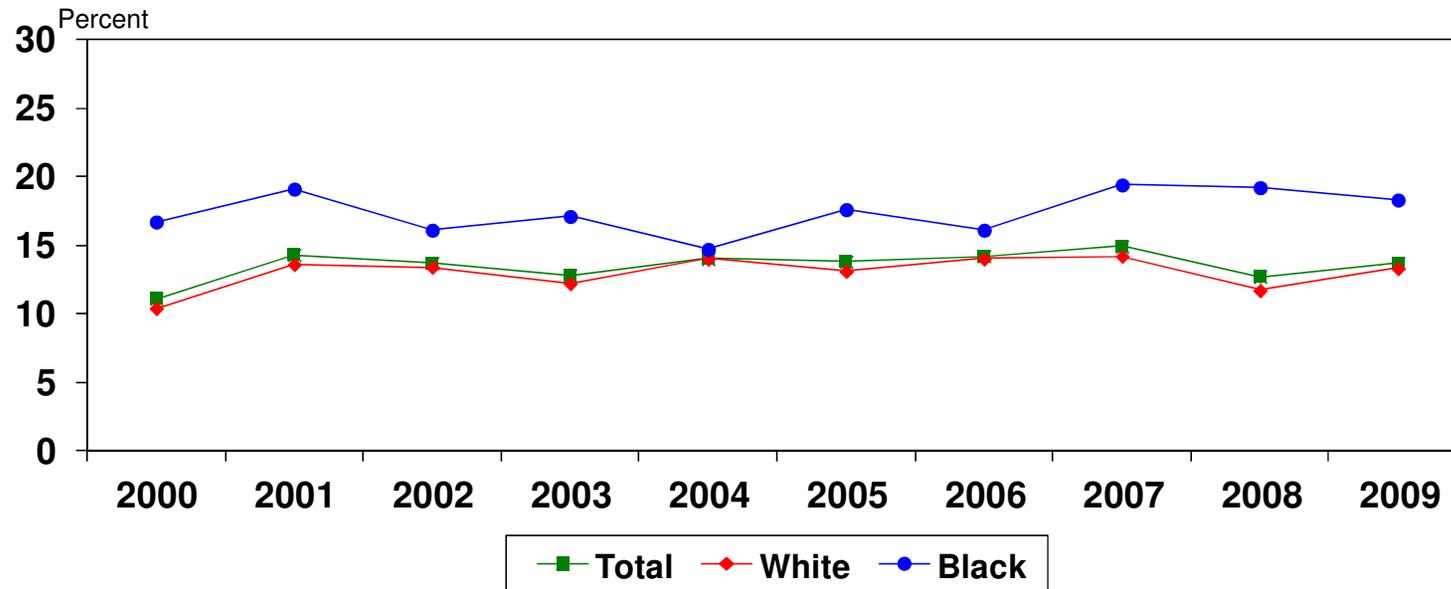
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	10.5	10.3	11.7	10.5	12.6	12.2	12.6	11.1	11.8	10.8
White	9.8	9.0	10.9	8.8	11.3	11.2	11.1	9.9	10.5	9.6
Black	14.6	15.8	15.4	19.1	19.0	15.9	19.9	17.3	16.8	15.6

**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 2009 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

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

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

Percent of Preterm Births** by Race of Mother Vanderburgh County Residents, 2000-2009



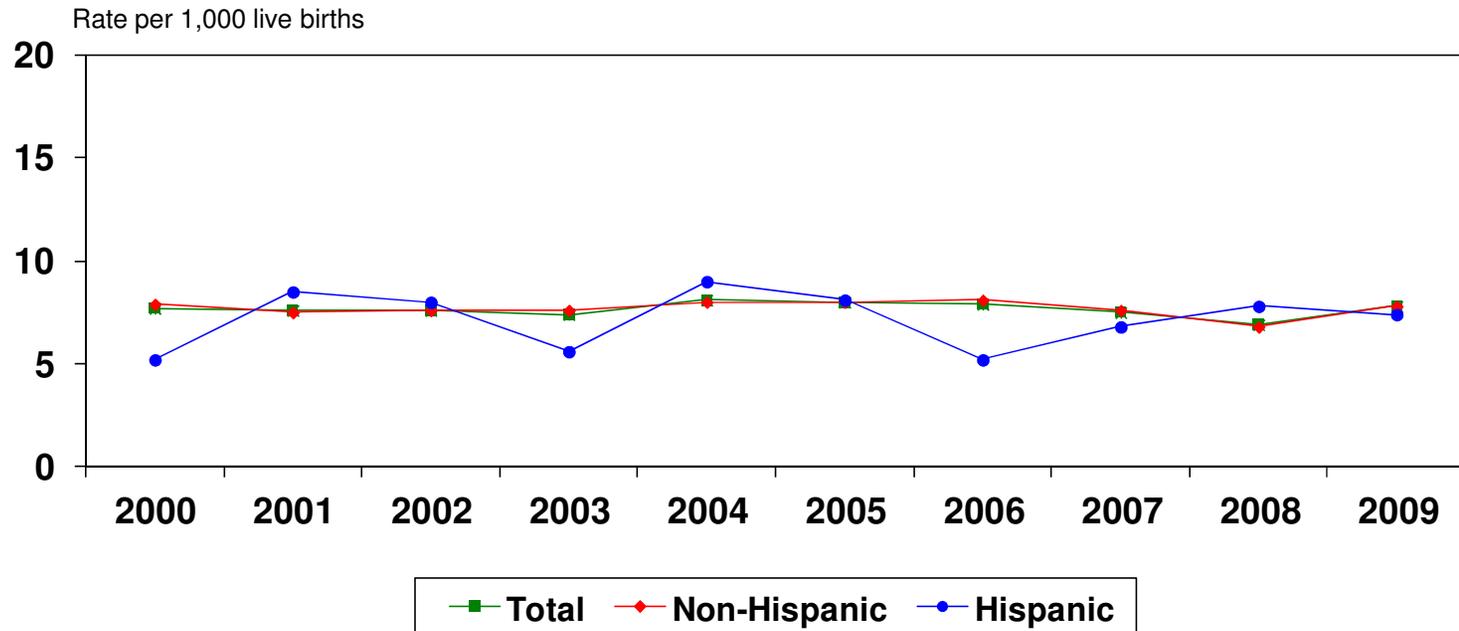
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	11.1	14.3	13.7	12.8	14.0	13.8	14.2	14.9	12.7	13.7
White	10.4	13.6	13.4	12.2	14.0	13.1	14.0	14.2	11.7	13.3
Black	16.7	19.1	16.1	17.1	14.7	17.6	16.1	19.4	19.2	18.3

**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 2009 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

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

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

Infant Mortality Rates by Ethnicity Indiana Residents, 2000-2009

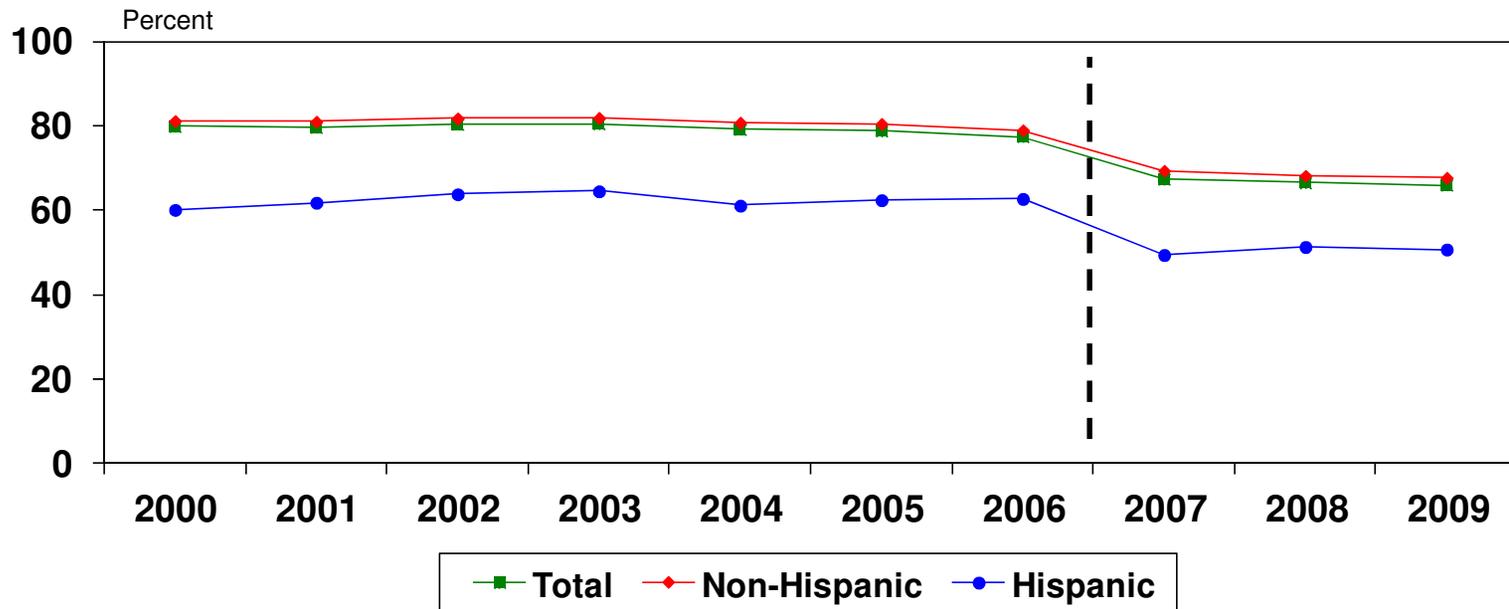


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	7.7	7.6	7.6	7.4	8.1	8.0	7.9	7.5	6.9	7.8
Non-Hispanic	7.9	7.5	7.6	7.6	8.0	8.0	8.1	7.6	6.8	7.8
Hispanic	5.2	8.5	8.0	5.6	9.0	8.1	5.2	6.8	7.8	7.4

Note: Hispanic ethnicity can be of any race.

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Ethnicity Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	80.0	79.8	80.5	80.6	79.3	78.9	77.6	67.5	66.6	66.1
Non-Hispanic	81.3	81.1	81.9	82.0	80.9	80.6	79.1	69.5	68.3	67.8
Hispanic	60.2	61.9	63.9	64.6	61.2	62.5	62.8	49.5	51.4	50.8

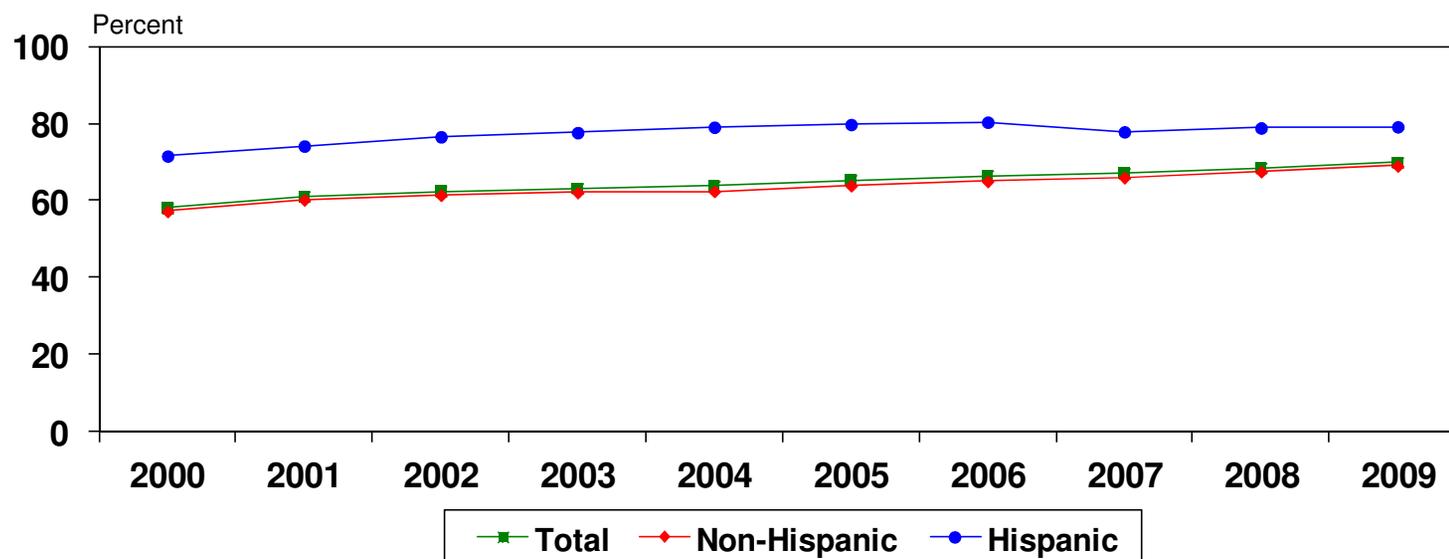
*Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

Notes: Hispanic ethnicity can be of any race.

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

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

Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Ethnicity Indiana Residents, 2000-2009

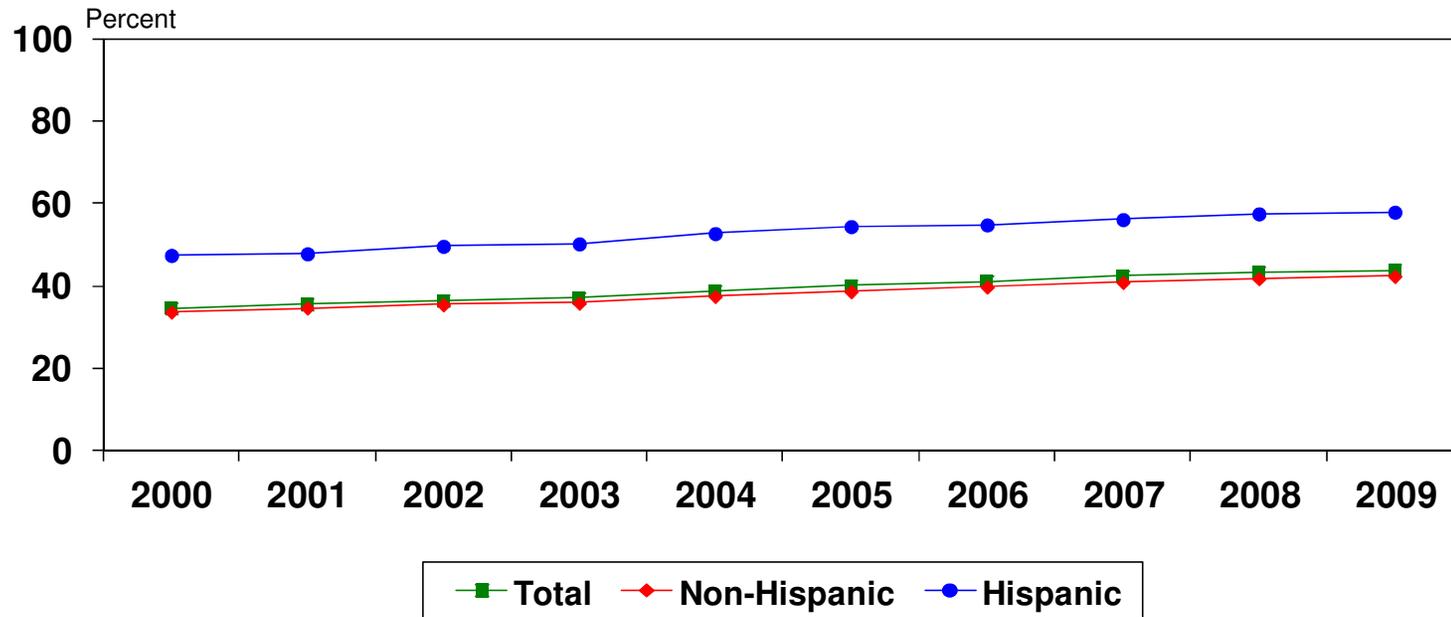


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	58.0	61.1	62.4	63.2	63.8	65.3	66.5	67.1	68.5	69.9
Non-Hispanic	57.2	60.2	61.4	62.1	62.4	63.9	65.0	66.0	67.5	69.0
Hispanic	71.6	74.2	76.6	77.7	79.1	79.8	80.4	77.9	78.9	79.2

Note: Hispanic ethnicity can be of any race.

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

Percent of Live Births to Unmarried Mothers by Ethnicity of Mother Indiana Residents, 2000-2009

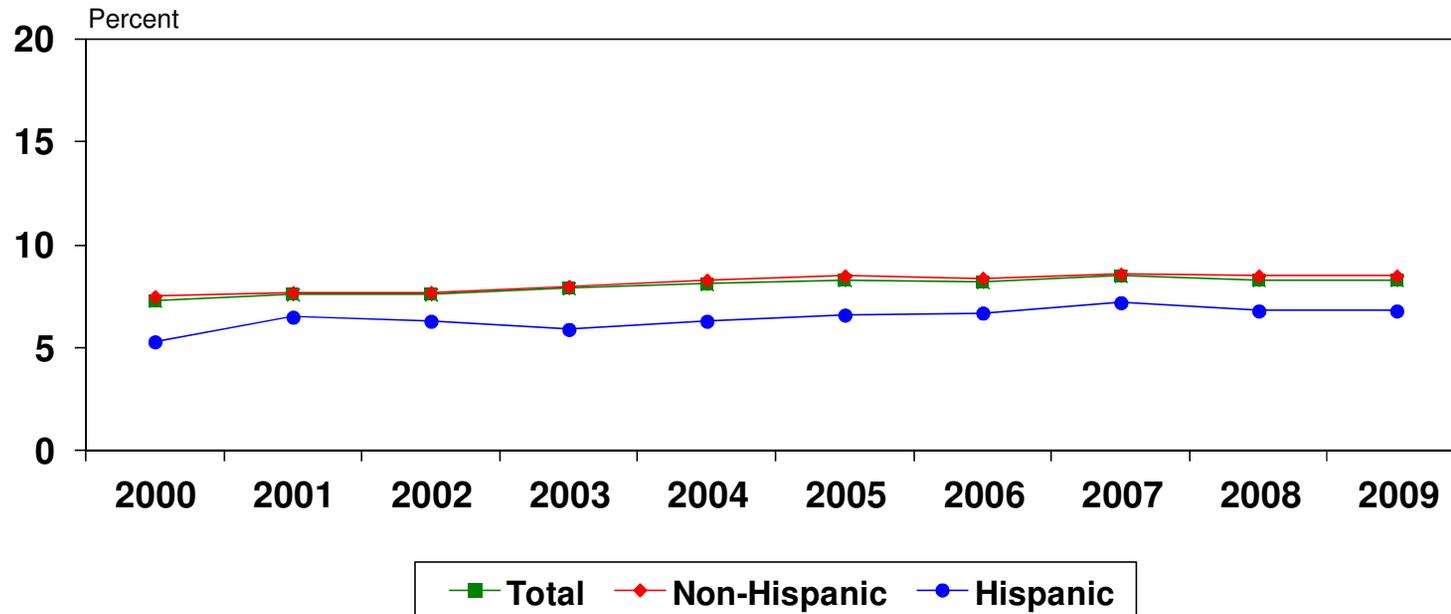


	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	34.6	35.6	36.5	37.1	38.8	40.1	41.2	42.4	43.3	43.9
Non-Hispanic	33.7	34.7	35.5	35.9	37.5	38.7	39.8	40.9	41.8	42.4
Hispanic	47.5	47.9	49.7	50.3	52.8	54.5	54.9	56.2	57.6	58.0

Note: Hispanic ethnicity can be of any race.

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

Percent of Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 2000-2009



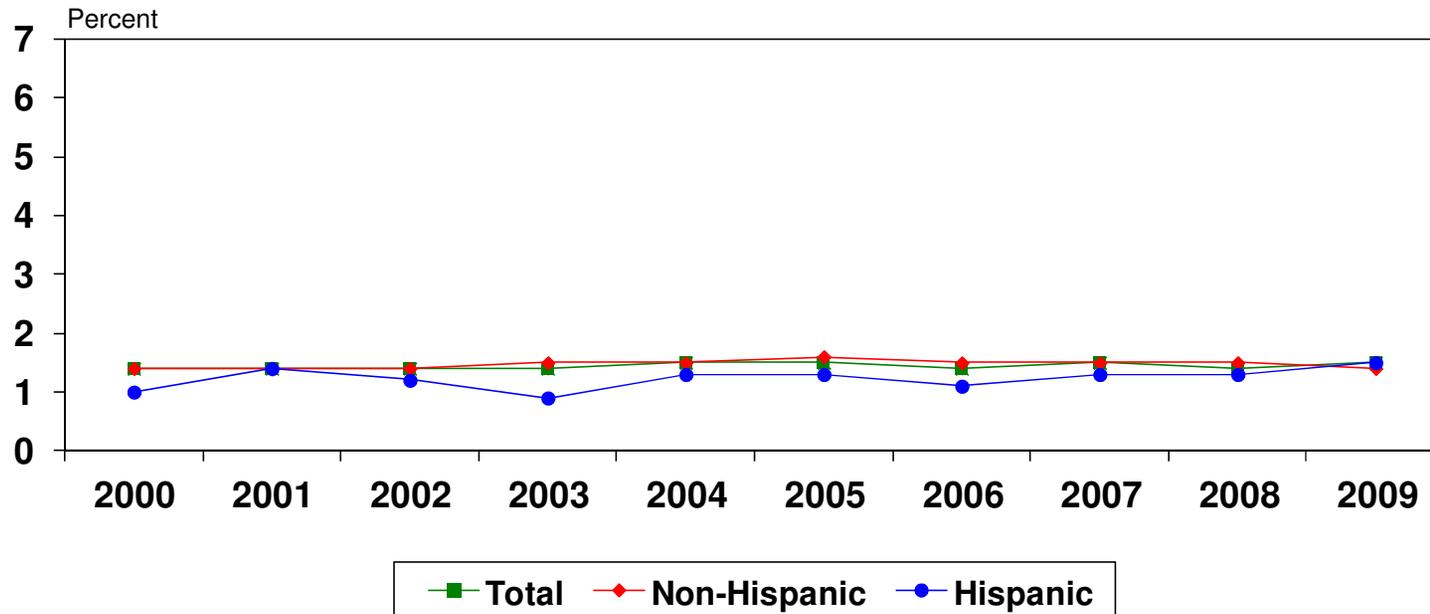
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	7.3	7.6	7.6	7.9	8.1	8.3	8.2	8.5	8.3	8.3
Non-Hispanic	7.5	7.7	7.7	8.0	8.3	8.5	8.4	8.6	8.5	8.5
Hispanic	5.3	6.5	6.3	5.9	6.3	6.6	6.7	7.2	6.8	6.8

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

Hispanic ethnicity can be of any race.

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

Percent of Very Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 2000-2009



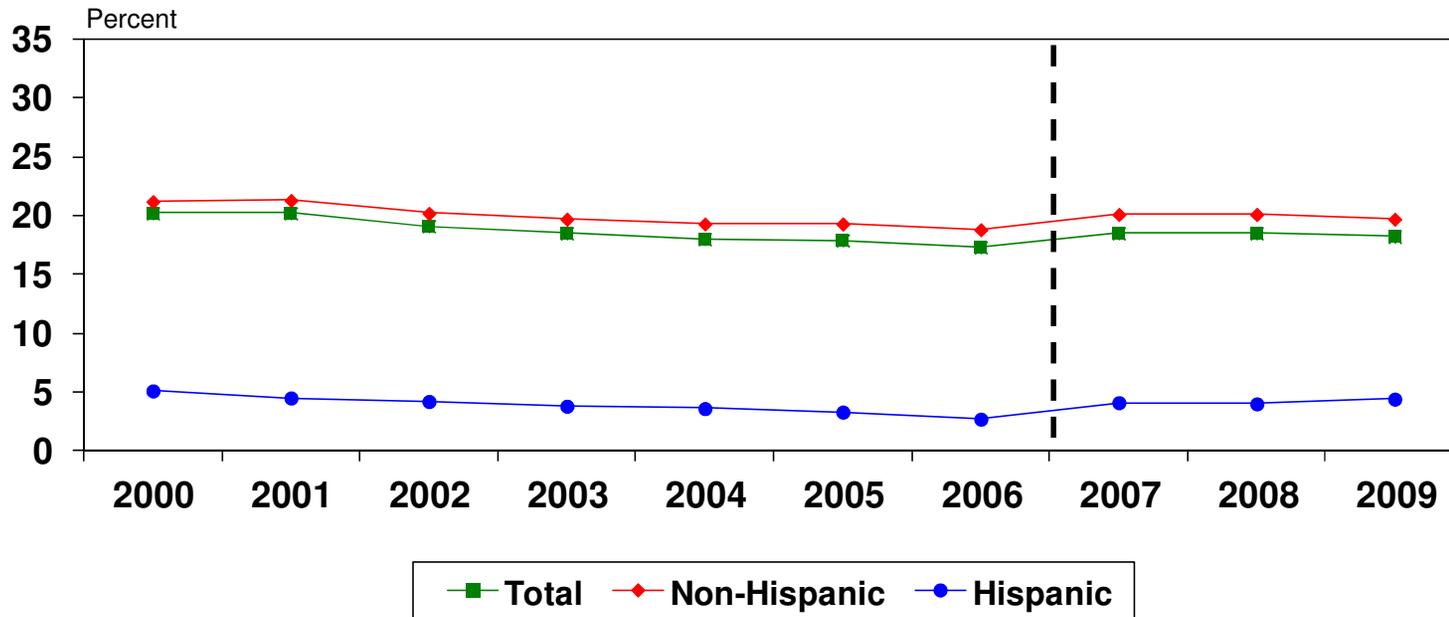
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.5
Non-Hispanic	1.4	1.4	1.4	1.5	1.5	1.6	1.5	1.5	1.5	1.4
Hispanic	1.0	1.4	1.2	0.9	1.3	1.3	1.1	1.3	1.3	1.5

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

Hispanic ethnicity can be of any race.

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

Percent of Births to Mothers Who Smoked During Pregnancy* by Ethnicity Indiana Residents, 2000-2009



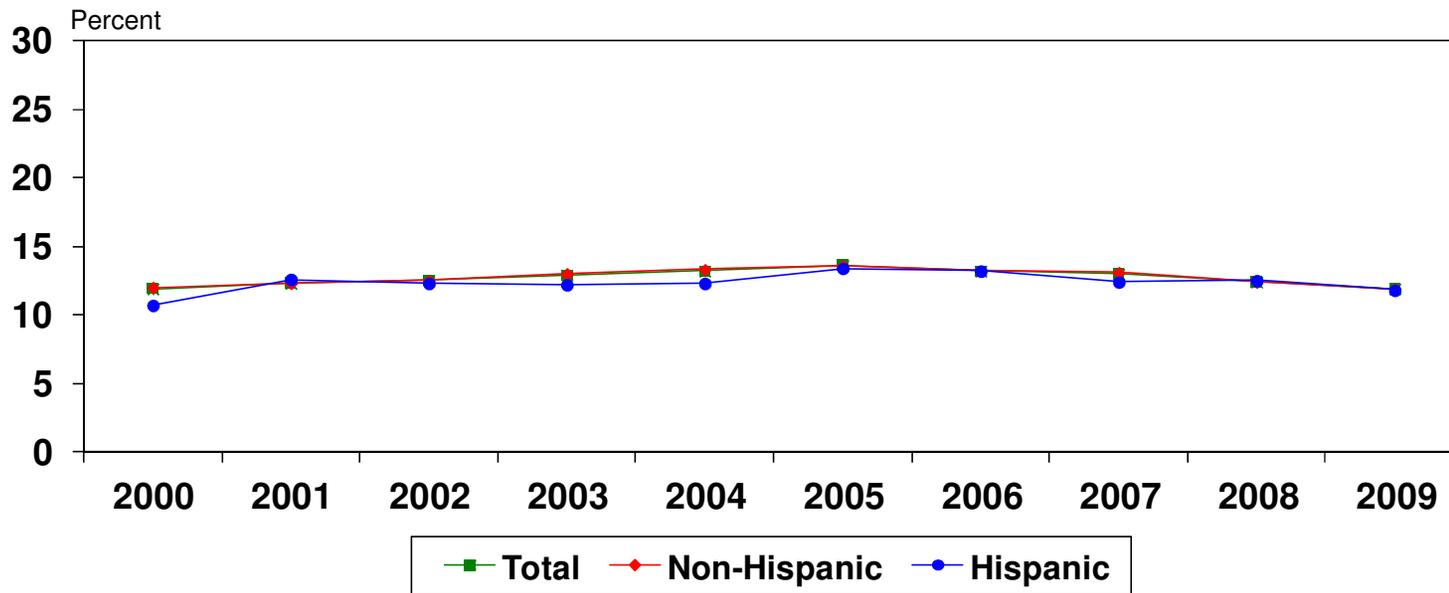
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	20.2	20.2	19.1	18.5	18.0	17.9	17.3	18.5	18.5	18.2
Non-Hispanic	21.2	21.3	20.2	19.7	19.3	19.3	18.8	20.1	20.1	19.7
Hispanic	5.1	4.5	4.2	3.8	3.6	3.3	2.7	4.1	4.0	4.4

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

Note: Hispanic ethnicity can be of any race.

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

Percent of Preterm Births** by Ethnicity of Mother Indiana Residents, 2000-2009



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	11.9	12.3	12.5	12.9	13.2	13.6	13.2	13.0	12.4	11.9
Non-Hispanic	12.0	12.3	12.5	13.0	13.3	13.6	13.2	13.1	12.4	11.9
Hispanic	10.7	12.6	12.3	12.2	12.3	13.4	13.2	12.4	12.5	11.8

**Preterm birth data in this table are not comparable to preterm data provided in the 1997-2006 MCH Outcomes report and prior reports, or in the 2009 Indiana Natality Report and prior reports, because the data were calculated differently. Please see Preface for more details. Preterm data in this table are comparable to preterm data provided by the March of Dimes and NCHS.

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

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

Live Births by County of Residence
Indiana Residents, 2000-2009
Total Population

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2000-2009 Avg.
INDIANA	87,697	86,122	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	87,318
Adams	584	581	615	641	607	641	654	667	673	643	631
Allen	5,213	5,371	5,161	5,211	5,329	5,295	5,492	5,448	5,506	5,463	5,349
Bartholomew	1,073	999	960	1,004	1,047	1,081	1,096	1,086	1,095	1,023	1,046
Benton	125	107	115	118	135	118	110	104	119	92	114
Blackford	146	179	154	163	151	141	148	156	148	142	153
Boone	627	624	645	699	652	694	676	708	741	706	677
Brown	146	158	145	157	115	90	97	137	137	139	132
Carroll	227	216	241	237	250	207	214	230	227	219	227
Cass	592	574	542	548	570	572	567	545	539	517	557
Clark	1,348	1,311	1,273	1,315	1,315	1,393	1,513	1,450	1,479	1,525	1,392
Clay	314	349	373	358	337	325	368	291	330	294	334
Clinton	548	521	503	510	494	510	524	534	518	487	515
Crawford	157	135	130	135	140	104	135	124	122	121	130
Daviess	476	470	475	502	483	508	536	547	536	512	505
Dearborn	673	527	532	629	641	653	587	602	641	372	586
Decatur	377	379	376	387	362	355	365	318	361	315	360
DeKalb	560	616	591	566	554	585	545	571	522	565	568
Delaware	1,434	1,371	1,300	1,339	1,310	1,305	1,229	1,340	1,268	1,307	1,320
Dubois	542	515	565	501	550	563	575	539	543	533	543
Elkhart	3,315	3,125	3,005	3,194	3,252	3,478	3,562	3,557	3,430	3,163	3,308
Fayette	340	302	309	332	304	309	300	304	281	278	306
Floyd	879	852	848	826	870	916	840	878	918	853	868
Fountain	218	238	211	217	213	195	200	209	223	217	214
Franklin	311	232	254	264	328	287	293	310	254	137	267
Fulton	272	252	234	263	245	268	249	267	285	279	261
Gibson	360	419	387	430	416	421	431	452	377	404	410
Grant	948	822	869	799	803	775	877	866	816	840	842
Greene	413	394	425	420	393	380	392	401	369	376	396
Hamilton	3,211	3,242	3,457	3,637	3,649	3,693	3,713	3,926	3,910	3,861	3,630
Hancock	722	725	741	844	824	888	901	897	848	810	820

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

Live Births by County of Residence
Indiana Residents, 2000-2009
Total Population

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2000-2009 Avg.
INDIANA	87,697	86,122	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	87,318
Harrison	442	457	436	438	435	459	447	473	481	436	450
Hendricks	1,429	1,541	1,459	1,505	1,552	1,620	1,686	1,859	1,844	1,787	1,628
Henry	559	590	558	559	540	567	486	506	541	544	545
Howard	1,172	1,218	1,119	1,217	1,143	1,089	1,115	1,131	1,122	994	1,132
Huntington	519	438	488	461	499	451	481	488	453	423	470
Jackson	626	638	629	591	589	622	572	584	583	551	599
Jasper	390	353	405	431	396	465	470	430	387	397	412
Jay	310	305	282	332	287	303	306	320	285	307	304
Jefferson	367	383	332	365	382	363	369	383	381	391	372
Jennings	394	400	389	359	415	403	391	371	374	370	387
Johnson	1,673	1,649	1,622	1,705	1,765	1,676	1,838	1,913	1,913	1,861	1,762
Knox	430	453	393	474	462	471	514	497	481	424	460
Kosciusko	1,199	1,133	1,032	1,059	1,087	1,067	1,167	1,099	1,154	1,000	1,100
LaGrange	741	697	717	720	703	756	714	783	787	714	733
Lake	7,040	6,936	6,824	6,926	6,975	6,872	6,937	6,759	6,663	6,724	6,866
LaPorte	1,457	1,401	1,360	1,309	1,325	1,364	1,371	1,438	1,411	1,380	1,382
Lawrence	618	565	560	547	537	537	534	507	522	513	544
Madison	1,644	1,710	1,603	1,596	1,636	1,650	1,594	1,674	1,598	1,631	1,634
Marion	14,608	14,373	14,540	14,701	14,868	14,653	15,545	15,401	15,333	15,346	14,937
Marshall	688	720	639	701	655	679	662	667	621	619	665
Martin	142	125	145	119	114	140	126	140	146	123	132
Miami	480	479	433	451	438	480	449	433	416	406	447
Monroe	1,246	1,280	1,239	1,229	1,273	1,309	1,298	1,388	1,298	1,281	1,284
Montgomery	478	505	456	466	486	475	448	493	453	508	477
Morgan	958	847	927	873	873	851	871	877	863	807	875
Newton	172	163	156	155	141	133	138	138	162	137	150
Noble	744	717	669	678	739	682	766	703	703	642	704
Ohio	67	69	61	62	64	55	71	60	57	53	62
Orange	274	274	245	239	237	251	246	264	224	237	249
Owen	271	262	246	232	262	247	237	249	259	236	250
Parke	202	164	171	205	157	188	194	204	187	188	186

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

Live Births by County of Residence
Indiana Residents, 2000-2009
Total Population

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2000-2009 Avg.
INDIANA	87,697	86,122	84,839	86,382	87,125	87,088	89,404	89,719	88,679	86,126	87,318
Perry	238	223	201	233	217	219	236	223	209	221	222
Pike	148	157	141	135	167	159	158	152	138	145	150
Porter	1,830	1,846	1,797	1,873	1,827	1,793	1,836	1,886	1,868	1,772	1,833
Posey	287	269	269	242	292	227	252	250	284	283	266
Pulaski	174	144	159	164	172	159	177	160	161	166	164
Putnam	423	405	406	404	407	408	368	418	405	383	403
Randolph	342	337	305	321	318	298	295	338	324	291	317
Ripley	433	381	374	396	387	406	389	369	384	352	387
Rush	245	259	258	217	196	214	226	223	197	164	220
St. Joseph	3,964	3,856	3,750	3,706	3,843	3,827	4,013	3,762	3,832	3,565	3,812
Scott	348	303	318	293	288	310	352	346	327	283	317
Shelby	627	597	547	537	582	505	539	572	538	503	555
Spencer	268	259	212	232	235	233	237	247	245	214	238
Starke	315	325	305	280	288	279	298	317	307	280	299
Steuben	424	464	421	419	412	440	396	411	387	359	413
Sullivan	254	265	258	266	214	216	235	216	235	214	237
Switzerland	110	102	102	126	110	102	128	135	133	136	118
Tippecanoe	1,931	1,917	1,941	2,012	2,073	2,081	2,205	2,324	2,320	2,230	2,103
Tipton	193	188	219	200	215	177	175	173	160	126	183
Union	112	66	77	74	101	94	92	82	87	35	82
Vanderburgh	2,336	2,292	2,298	2,356	2,351	2,451	2,520	2,468	2,326	2,349	2,375
Vermillion	205	191	205	200	207	200	171	175	154	194	190
Vigo	1,384	1,275	1,283	1,297	1,309	1,280	1,375	1,338	1,321	1,255	1,312
Wabash	431	391	418	373	378	383	393	377	390	354	389
Warren	100	94	101	94	84	83	94	78	99	88	92
Warrick	691	676	616	641	703	631	677	685	701	676	670
Washington	357	363	344	350	360	328	345	328	318	319	341
Wayne	896	894	837	857	943	910	920	886	882	875	890
Wells	372	321	322	381	353	306	387	305	359	331	344
White	350	386	355	325	323	330	322	330	280	328	333
Whitley	418	425	429	427	396	411	361	449	390	412	412

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

Infant Mortality Rates, Total Population, Indiana Residents, 2000-2009

(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	10.7	32	BARTHOLOMEW	7.3
2	DELAWARE	10.5	34	BOONE	7.2
3	CASS	10.1	34	WHITE	7.2
4	SPENCER	9.7	34	CLAY	7.2
5	LAKE	9.4	37	DAVISS	7.1
5	GRANT	9.4	37	VIGO	7.1
5	MARION	9.4	39	DUBOIS	6.8
8	SULLIVAN	9.3	40	LAGRANGE	6.7
9	GREENE	9.1	40	PORTER	6.7
10	ADAMS	8.7	42	MORGAN	6.6
10	POSEY	8.7	43	MONROE	6.5
12	LAWRENCE	8.6	43	DEKALB	6.5
12	JAY	8.6	43	JENNINGS	6.5
14	LAPORTE	8.5	46	HOWARD	6.4
14	SHELBY	8.5	46	DECATUR	6.4
16	ST. JOSEPH	8.4	48	CLINTON	6.2
16	STARKE	8.4	48	PUTNAM	6.2
18	VANDERBURGH	8.1	48	JACKSON	6.2
18	MADISON	8.1	51	STEUBEN	6.0
18	HENRY	8.1	52	HANCOCK	5.9
21	KNOX	8.0	53	JOHNSON	5.8
21	TIPPECANOE	8.0	54	JASPER	5.6
21	ALLEN	8.0	55	HENDRICKS	5.5
24	WAYNE	7.9	55	HAMILTON	5.5
25	FAYETTE	7.8	55	KOSCIUSKO	5.5
25	MONTGOMERY	7.8	58	DEARBORN	5.3
27	WABASH	7.7	59	WARRICK	5.2
27	NOBLE	7.7	60	WHITLEY	5.1
29	MIAMI	7.6	61	CLARK	5.0
29	RANDOLPH	7.6	62	HARRISON	4.9
31	ELKHART	7.4	63	MARSHALL	4.8
32	JEFFERSON	7.3	64	FLOYD	4.7
				INDIANA	7.7

*Rate per 1,000 live births.

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

Infant Mortality Rates, White Indiana Residents, 2000-2009

(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	11.0	31	FAYETTE	6.7
2	CASS	9.6	34	LAPORTE	6.6
3	GREENE	9.2	34	MARION	6.6
4	SULLIVAN	8.9	34	BARTHOLOMEW	6.6
4	SPENCER	8.9	34	DUBOIS	6.6
4	POSEY	8.9	38	VIGO	6.5
7	JAY	8.7	38	PORTER	6.5
8	ADAMS	8.6	40	LAGRANGE	6.4
9	STARKE	8.4	40	ELKHART	6.4
9	LAWRENCE	8.4	42	JENNINGS	6.3
9	GRANT	8.4	43	DECATUR	6.2
12	TIPPECANOE	8.3	44	STEUBEN	6.1
13	HENRY	8.2	44	CLINTON	6.1
14	DELAWARE	8.1	44	PUTNAM	6.1
15	SHELBY	7.9	44	DEKALB	6.1
16	MIAMI	7.8	48	JACKSON	6.0
16	MONTGOMERY	7.8	49	HOWARD	5.9
18	KNOX	7.7	49	ALLEN	5.9
18	NOBLE	7.7	51	JOHNSON	5.7
18	RANDOLPH	7.7	51	ST. JOSEPH	5.7
21	JEFFERSON	7.5	53	JASPER	5.6
21	VANDEBURGH	7.5	54	KOSCIUSKO	5.5
23	WABASH	7.3	55	HENDRICKS	5.3
23	CLAY	7.3	55	HANCOCK	5.3
25	DAVISS	7.1	57	DEARBORN	5.2
25	MADISON	7.1	58	WHITLEY	5.1
27	WHITE	7.0	58	HAMILTON	5.1
27	BOONE	7.0	60	HARRISON	4.9
29	MONROE	6.9	61	MARSHALL	4.8
29	LAKE	6.9	62	CLARK	4.7
31	WAYNE	6.7	63	WARRICK	4.6
31	MORGAN	6.7	64	FLOYD	4.3
				INDIANA	6.5

*Rate per 1,000 live births.

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

Infant Mortality Rates, Black Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DELAWARE	28.1
2	ST. JOSEPH	19.9
3	ELKHART	18.9
4	ALLEN	18.8
5	LAPORTE	18.0
6	MADISON	17.8
7	MARION	15.5
8	LAKE	14.8
9	VANDEBURGH	13.2
	INDIANA	16.0

*Rate per 1,000 live births.

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

Infant Mortality Rates, Non-Hispanic Indiana Residents, 2000-2009

(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	10.9	31	WABASH	7.4
2	FULTON	10.4	34	TIPPECANOE	7.3
3	DELAWARE	10.2	34	WHITE	7.3
4	STEUBEN	9.8	34	RANDOLPH	7.3
4	LAKE	9.8	37	NOBLE	7.0
6	MARION	9.7	37	VIGO	7.0
7	SULLIVAN	9.3	37	BARTHOLOMEW	7.0
8	GREENE	9.2	40	CLAY	6.9
8	SPENCER	9.2	41	DEKALB	6.8
10	GRANT	9.1	42	MORGAN	6.6
11	ST. JOSEPH	8.8	43	PORTER	6.5
11	LAPORTE	8.8	43	DECATUR	6.5
11	LAWRENCE	8.8	45	MONROE	6.4
14	POSEY	8.7	46	HOWARD	6.3
14	ADAMS	8.7	46	PUTNAM	6.3
16	JAY	8.6	48	LAGRANGE	6.1
17	STARKE	8.5	48	JENNINGS	6.1
18	ALLEN	8.2	50	DUBOIS	6.0
18	MADISON	8.2	51	HANCOCK	5.9
20	KNOX	8.1	52	JOHNSON	5.8
20	WAYNE	8.1	53	JASPER	5.7
20	VANDERBURGH	8.1	53	JACKSON	5.7
23	FAYETTE	7.9	55	HAMILTON	5.5
24	MIAMI	7.8	56	HENDRICKS	5.4
25	CLINTON	7.7	57	DEARBORN	5.2
26	ELKHART	7.6	57	WHITLEY	5.2
26	HENRY	7.6	57	WARRICK	5.2
28	SHELBY	7.5	60	CLARK	5.1
28	JEFFERSON	7.5	61	HARRISON	5.0
28	DAVISS	7.5	62	KOSCIUSKO	4.9
31	MONTGOMERY	7.4	63	MARSHALL	4.7
31	BOONE	7.4	64	FLOYD	4.6
				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, 2013

Infant Mortality Rates, Hispanic Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	12.6
2	LAKE	7.3
3	MARION	7.1
4	ELKHART	6.5
5	ALLEN	4.6
	INDIANA	7.2

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

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

Neonatal Mortality Rates, Total Population, Indiana Residents, 2000-2009

(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	GREENE	7.1	21	WAYNE	4.6
2	DELAWARE	6.9	21	MONROE	4.6
3	ADAMS	6.5	23	NOBLE	4.5
4	MARION	6.4	24	DUBOIS	4.4
5	SHELBY	6.3	24	LAGRANGE	4.4
6	CASS	6.1	26	ELKHART	4.3
6	GRANT	6.1	26	CLINTON	4.3
8	LAKE	6.0	28	HENDRICKS	4.2
9	LAWRENCE	5.9	29	HAMILTON	4.0
10	TIPPECANOE	5.6	29	DAVISS	4.0
11	ST. JOSEPH	5.5	29	VIGO	4.0
11	BOONE	5.5	32	DEARBORN	3.9
13	LAPORTE	5.4	32	HANCOCK	3.9
14	HENRY	5.3	34	JOHNSON	3.8
15	ALLEN	5.2	34	PORTER	3.8
15	KNOX	5.2	36	WARRICK	3.7
17	BARTHOLOMEW	5.0	36	HOWARD	3.7
18	VANDEBURGH	4.9	38	MARSHALL	3.5
18	MADISON	4.9	39	KOSCIUSKO	3.4
20	MORGAN	4.8	40	CLARK	3.0
				INDIANA	5.0

*Rate per 1,000 live births.

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

Neonatal Mortality Rates, White Indiana Residents, 2000-2009

(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	GREENE	7.1	21	CLINTON	4.3
2	ADAMS	6.4	22	HENDRICKS	4.2
3	SHELBY	5.9	22	DUBOIS	4.2
3	CASS	5.9	24	LAPORTE	4.0
3	TIPPECANOE	5.9	24	ST. JOSEPH	4.0
6	LAWRENCE	5.8	24	ELKHART	4.0
7	HENRY	5.4	27	DEARBORN	3.8
8	DELAWARE	5.2	27	WAYNE	3.8
8	GRANT	5.2	29	JOHNSON	3.7
8	BOONE	5.2	29	ALLEN	3.7
11	KNOX	5.1	29	HAMILTON	3.7
12	MONROE	4.9	32	HOWARD	3.6
12	MORGAN	4.9	32	PORTER	3.6
14	LAKE	4.8	34	MARSHALL	3.5
15	NOBLE	4.7	34	HANCOCK	3.5
16	VANDEBURGH	4.6	34	VIGO	3.5
16	MADISON	4.6	37	KOSCIUSKO	3.4
18	MARION	4.5	38	WARRICK	3.1
19	BARTHOLOMEW	4.4	39	CLARK	2.8
19	LAGRANGE	4.4			
				INDIANA	4.2

*Rate per 1,000 live births.

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

Neonatal Mortality Rates, Black Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DELAWARE	20.5
2	ALLEN	13.2
3	ST. JOSEPH	11.9
4	LAPORTE	11.7
5	MARION	10.7
6	LAKE	8.8
	INDIANA	10.3

*Rate per 1,000 live births.

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

Neonatal Mortality Rates, Non-Hispanic Indiana Residents, 2000-2009

(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	GREENE	7.1	20	HENRY	4.8
2	DELAWARE	6.7	21	WAYNE	4.6
3	MARION	6.6	22	BARTHOLOMEW	4.5
4	CASS	6.5	23	MONROE	4.4
5	ADAMS	6.4	24	ELKHART	4.3
6	LAKE	6.2	25	HENDRICKS	4.2
7	LAWRENCE	6.0	26	LAGRANGE	4.1
8	SHELBY	5.8	26	NOBLE	4.1
9	ST. JOSEPH	5.7	28	HAMILTON	4.0
10	GRANT	5.6	28	VIGO	4.0
10	BOONE	5.6	28	HANCOCK	4.0
12	CLINTON	5.4	31	DEARBORN	3.8
12	LAPORTE	5.4	31	WARRICK	3.8
14	ALLEN	5.3	33	JOHNSON	3.7
14	KNOX	5.3	33	HOWARD	3.7
16	TIPPECANOE	5.2	35	PORTER	3.6
17	MADISON	5.0	36	KOSCIUSKO	3.5
18	VANDERBURGH	4.9	37	CLARK	2.9
18	MORGAN	4.9			
				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, 2013

Neonatal Mortality Rates, Hispanic Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	8.6
2	LAKE	5.1
2	MARION	5.1
4	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, 2013

Postneonatal Mortality Rates, Total Population, Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	CASS	4.0
2	DEKALB	3.7
3	DELAWARE	3.6
4	LAKE	3.4
5	GRANT	3.3
5	WAYNE	3.3
7	VANDERBURGH	3.2
7	LAPORTE	3.2
7	MADISON	3.2
10	VIGO	3.1
10	NOBLE	3.1
10	ELKHART	3.1
13	MARION	2.9
13	ST. JOSEPH	2.9
13	PORTER	2.9
16	HOWARD	2.7
16	ALLEN	2.7
18	FLOYD	2.5
19	TIPPECANOE	2.4
20	BARTHOLOMEW	2.3
21	KOSCIUSKO	2.1
22	JOHNSON	2.0
22	CLARK	2.0
24	MONROE	1.9
25	HAMILTON	1.4
26	HENDRICKS	1.3
	INDIANA	2.7

*Rate per 1,000 live births.

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

Postneonatal Mortality Rates, White Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	CASS	3.7
2	GRANT	3.2
3	NOBLE	3.1
3	VIGO	3.1
5	WAYNE	2.9
5	PORTER	2.9
5	DELAWARE	2.9
8	VANDEBURGH	2.8
9	LAPORTE	2.6
10	MADISON	2.4
10	ELKHART	2.4
10	TIPPECANOE	2.4
13	HOWARD	2.3
14	BARTHOLOMEW	2.2
14	ALLEN	2.2
14	MARION	2.2
17	LAKE	2.1
17	KOSCIUSKO	2.1
19	MONROE	2.0
19	JOHNSON	2.0
21	CLARK	1.9
22	ST. JOSEPH	1.7
23	HAMILTON	1.5
	INDIANA	2.3

*Rate per 1,000 live births.

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

Postneonatal Mortality Rates, Black Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	ELKHART	10.8
2	ST. JOSEPH	8.0
3	LAKE	6.0
4	ALLEN	5.6
5	MARION	4.9
	INDIANA	5.7

*Rate per 1,000 live births.

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

Postneonatal Mortality Rates, Non-Hispanic Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DEKALB	3.9
2	LAKE	3.7
3	DELAWARE	3.5
3	GRANT	3.5
5	WAYNE	3.4
5	LAPORTE	3.4
5	ELKHART	3.4
8	MADISON	3.2
8	VANDEBURGH	3.2
10	MARION	3.1
11	ST. JOSEPH	3.0
11	VIGO	3.0
13	ALLEN	2.9
13	PORTER	2.9
15	HOWARD	2.6
15	FLOYD	2.6
17	BARTHOLOMEW	2.5
18	TIPPECANOE	2.2
19	CLARK	2.1
19	JOHNSON	2.1
21	MONROE	2.0
22	HAMILTON	1.5
23	HENDRICKS	1.3
	INDIANA	2.7

*Rate per 1,000 live births.

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

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

Postneonatal Mortality Rates, Hispanic Indiana Residents, 2000-2009

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

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

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

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

Prenatal Care Began in First Trimester, Total Population, Indiana Residents, 2000-2009

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	43.5	47	BROWN	79.5
2	ELKHART	60.6	48	WABASH	79.6
3	ADAMS	61.3	48	BENTON	79.6
4	DAVISS	68.2	50	GREENE	79.7
5	CLINTON	68.6	51	STARKE	79.9
6	GRANT	70.3	52	UNION	80.0
7	MARION	71.4	53	PORTER	80.1
8	SCOTT	71.7	54	SHELBY	80.2
9	PARKE	72.0	55	MIAMI	80.5
10	NOBLE	72.1	56	CRAWFORD	80.6
10	LAPORTE	72.1	57	PERRY	80.7
12	CASS	72.5	57	PUTNAM	80.7
13	ST. JOSEPH	73.0	57	TIPTON	80.7
13	JAY	73.0	60	SULLIVAN	80.8
15	FOUNTAIN	73.2	60	LAWRENCE	80.8
16	LAKE	74.9	60	CLAY	80.8
16	WASHINGTON	74.9	63	RUSH	80.9
18	CLARK	75.3	64	VIGO	81.0
18	FULTON	75.3	64	MONROE	81.0
20	KOSCIUSKO	75.4	66	BLACKFORD	81.1
21	DECATUR	75.8	67	MARTIN	81.4
22	BARTHOLOMEW	76.0	68	VANDERBURGH	81.8
23	MONTGOMERY	76.1	69	RIPLEY	82.5
23	SWITZERLAND	76.1	70	FRANKLIN	82.6
25	JENNINGS	76.5	70	FAYETTE	82.6
26	JACKSON	76.7	72	RANDOLPH	82.7
27	TIPPECANOE	76.8	73	HARRISON	82.9
28	HOWARD	77.2	74	WHITLEY	83.3
28	WAYNE	77.2	75	JOHNSON	83.4
30	VERMILLION	77.4	76	SPENCER	83.6
30	MARSHALL	77.4	77	KNOX	83.8
30	FLOYD	77.4	78	OHIO	83.9
30	STEUBEN	77.4	79	WELLS	84.6
34	OWEN	77.6	80	HUNTINGTON	84.7
35	MADISON	77.7	81	DELAWARE	85.2
35	CARROLL	77.7	81	GIBSON	85.2
37	NEWTON	77.9	83	PIKE	85.3
38	WHITE	78.6	84	BOONE	85.7
39	ALLEN	78.7	84	DUBOIS	85.7
40	DEKALB	78.8	86	POSEY	85.9
41	JEFFERSON	78.9	87	HENDRICKS	86.0
42	PULASKI	79.0	87	WARRICK	86.0
43	JASPER	79.2	89	HENRY	86.2
44	ORANGE	79.3	90	HAMILTON	87.2
45	WARREN	79.4	91	HANCOCK	87.5
45	MORGAN	79.4	92	DEARBORN	87.8
				INDIANA	76.6

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

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

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

Prenatal Care Began in First Trimester, White Indiana Residents, 2000-2009

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	43.4	45	LAKE	79.6
2	ADAMS	61.3	48	GREENE	79.8
3	ELKHART	61.6	49	BENTON	80.0
4	CLINTON	68.7	49	STARKE	80.0
4	DAVISS	68.7	51	UNION	80.2
6	PARKE	71.9	51	SHELBY	80.2
7	SCOTT	72.0	53	PORTER	80.4
8	GRANT	72.3	54	CRAWFORD	80.6
9	NOBLE	72.7	55	PERRY	80.8
10	CASS	72.8	55	PUTNAM	80.8
11	JAY	73.0	57	TIPTON	80.9
12	FOUNTAIN	73.4	57	MIAMI	80.9
13	LAPORTE	74.4	59	SULLIVAN	81.0
14	MARION	74.7	60	CLAY	81.1
15	WASHINGTON	75.0	60	LAWRENCE	81.1
16	FULTON	75.5	60	BLACKFORD	81.1
17	KOSCIUSKO	76.0	63	RUSH	81.2
17	DECATUR	76.0	64	MARTIN	81.6
19	SWITZERLAND	76.1	65	VIGO	81.7
20	BARTHOLOMEW	76.2	65	ALLEN	81.7
21	CLARK	76.3	67	MONROE	81.9
22	ST. JOSEPH	76.4	68	RIPLEY	82.5
23	JENNINGS	76.6	69	FRANKLIN	82.6
23	MONTGOMERY	76.6	70	FAYETTE	82.9
25	JACKSON	77.1	70	HARRISON	82.9
26	VERMILLION	77.5	72	RANDOLPH	83.2
27	STEUBEN	77.6	73	WHITLEY	83.5
28	MARSHALL	77.7	74	JOHNSON	83.7
29	OWEN	77.8	74	SPENCER	83.7
30	CARROLL	77.9	76	VANDEBURGH	83.9
31	NEWTON	78.1	77	KNOX	84.0
32	TIPPECANOE	78.2	78	OHIO	84.3
32	WAYNE	78.2	79	HUNTINGTON	84.7
34	HOWARD	78.3	80	WELLS	84.8
35	DEKALB	78.8	81	PIKE	85.4
36	WHITE	78.9	82	GIBSON	85.6
36	PULASKI	78.9	83	BOONE	85.8
38	MADISON	79.0	84	WARRICK	86.3
39	JEFFERSON	79.1	84	POSEY	86.3
40	WARREN	79.2	84	DUBOIS	86.3
40	FLOYD	79.2	84	DELAWARE	86.3
42	JASPER	79.3	88	HENRY	86.4
43	BROWN	79.4	88	HENDRICKS	86.4
44	MORGAN	79.5	90	HAMILTON	87.6
45	WABASH	79.6	91	HANCOCK	87.7
45	ORANGE	79.6	92	DEARBORN	87.9
				INDIANA	78.4

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

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

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

Prenatal Care Began in First Trimester, Black Indiana Residents, 2000-2009

(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	46.1
2	GRANT	53.3
3	MONTGOMERY	53.7
4	CASS	55.0
5	ST. JOSEPH	57.8
6	TIPPECANOE	58.0
6	LAPORTE	58.0
8	KOSCIUSKO	60.0
9	FLOYD	60.1
10	BARTHOLOMEW	63.3
11	MIAMI	63.4
12	ALLEN	63.7
13	MARION	63.8
14	CLARK	64.2
15	LAKE	65.3
16	HOWARD	65.5
17	GIBSON	65.8
18	MADISON	66.0
19	MONROE	67.9
20	WAYNE	68.2
21	VANDEBURGH	68.7
22	KNOX	68.8
23	VIGO	70.5
24	PORTER	71.6
25	POSEY	72.7
26	JEFFERSON	73.2
27	JOHNSON	73.6
28	DELAWARE	75.2
29	WARRICK	76.3
29	HENDRICKS	76.3
31	BOONE	76.5
32	HAMILTON	77.0
33	FAYETTE	79.1
34	PUTNAM	81.3
35	HANCOCK	81.4
36	DEARBORN	83.3
37	SHELBY	84.9
38	HENRY	85.7
	INDIANA	63.8

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

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

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

Prenatal Care Began in First Trimester, Non-Hispanic Indiana Residents, 2000-2009

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	42.6	47	WABASH	79.8
2	ADAMS	61.3	48	UNION	79.9
3	ELKHART	64.3	49	BENTON	80.1
4	DAVISS	68.7	50	STARKE	80.2
5	GRANT	71.2	51	PORTER	80.6
6	SCOTT	71.9	51	MIAMI	80.6
7	PARKE	72.0	53	PUTNAM	80.7
8	LAPORTE	72.7	54	PERRY	80.8
9	JAY	72.9	54	CRAWFORD	80.8
10	FOUNTAIN	73.7	56	CLAY	80.9
11	ST. JOSEPH	73.9	56	JASPER	80.9
12	MARION	74.4	56	SULLIVAN	80.9
13	WASHINGTON	75.1	59	LAWRENCE	81.0
14	FULTON	75.6	60	RUSH	81.2
15	LAKE	75.7	61	VIGO	81.3
16	NOBLE	75.9	61	BLACKFORD	81.3
17	SWITZERLAND	76.3	63	MONROE	81.5
17	DECATUR	76.3	64	WHITE	81.7
19	JENNINGS	77.0	65	MARTIN	81.8
20	KOSCIUSKO	77.1	66	TIPTON	81.9
21	CLARK	77.2	67	SHELBY	82.1
22	VERMILLION	77.4	68	VANDERBURGH	82.3
23	CLINTON	77.5	69	FRANKLIN	82.6
23	CASS	77.5	70	FAYETTE	82.8
25	HOWARD	77.6	71	HARRISON	83.0
25	OWEN	77.6	72	RIPLEY	83.5
27	MONTGOMERY	78.0	73	WHITLEY	83.6
28	BARTHOLOMEW	78.2	74	RANDOLPH	83.8
29	MARSHALL	78.3	75	KNOX	84.0
30	FLOYD	78.4	76	JOHNSON	84.4
31	WAYNE	78.5	76	OHIO	84.4
32	JACKSON	78.9	78	SPENCER	84.6
33	MADISON	79.0	79	HUNTINGTON	85.0
34	ALLEN	79.1	80	WELLS	85.1
34	NEWTON	79.1	81	GIBSON	85.2
34	WARREN	79.1	82	DELAWARE	85.3
34	PULASKI	79.1	83	PIKE	85.4
38	CARROLL	79.2	84	BOONE	86.0
38	STEUBEN	79.2	85	POSEY	86.2
40	DEKALB	79.3	85	WARRICK	86.2
40	TIPPECANOE	79.3	87	HENRY	86.3
42	MORGAN	79.5	88	HENDRICKS	86.5
42	JEFFERSON	79.5	89	HANCOCK	87.7
44	GREENE	79.7	90	DEARBORN	87.8
44	ORANGE	79.7	91	DUBOIS	88.1
44	BROWN	79.7	92	HAMILTON	88.2
				INDIANA	78.2

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

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

Non-Hispanic ethnicity can be of any race.

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

Prenatal Care Began in First Trimester, Hispanic Indiana Residents, 2000-2009

(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	40.0	37	ADAMS	62.5
2	CLINTON	40.8	38	DAVISS	62.7
3	FLOYD	44.5	39	VIGO	62.9
4	DECATUR	45.3	40	LAPORTE	63.2
5	RIPLEY	45.4	41	WELLS	64.0
6	CLARK	46.3	42	ST. JOSEPH	64.3
7	MADISON	47.3	43	STARKE	64.4
8	ELKHART	47.8	44	VANDEBURGH	64.5
9	MONTGOMERY	49.4	44	HUNTINGTON	64.5
10	STEUBEN	50.6	46	DUBOIS	65.3
11	BARTHOLOMEW	52.4	47	MONROE	65.9
11	JENNINGS	52.4	48	FULTON	67.3
13	MARION	52.6	49	HENDRICKS	68.0
14	WAYNE	52.7	50	KNOX	68.4
15	SHELBY	52.9	51	LAWRENCE	70.4
16	NOBLE	53.5	52	LAKE	71.1
17	FOUNTAIN	53.6	53	WARRICK	71.2
18	GRANT	53.8	53	MARSHALL	71.2
19	CASS	55.7	55	BOONE	71.4
20	CARROLL	56.6	56	BENTON	71.6
21	JACKSON	56.7	57	WABASH	72.4
22	JASPER	56.8	58	PORTER	72.9
23	HAMILTON	56.9	59	PULASKI	73.8
24	SPENCER	57.6	60	MIAMI	73.9
25	SCOTT	58.3	61	ALLEN	74.3
26	NEWTON	58.6	62	HANCOCK	75.0
26	WHITE	58.6	63	JAY	75.6
26	HOWARD	58.6	63	MORGAN	75.6
29	JOHNSON	58.8	65	GREENE	75.8
30	RANDOLPH	59.0	66	HARRISON	77.7
31	WHITLEY	59.3	67	DELAWARE	80.2
32	LAGRANGE	60.1	68	PUTNAM	81.1
33	TIPPECANOE	60.2	69	HENRY	81.8
34	JEFFERSON	61.2	70	DEARBORN	82.4
35	KOSCIUSKO	61.6	71	GIBSON	91.7
36	DEKALB	61.8			
				INDIANA	59.4

*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, 2013

Low Birthweight*, Total Population, Indiana Residents, 2000-2009

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	10.1	38	FRANKLIN	7.6
2	PERRY	9.7	38	NEWTON	7.6
3	LAKE	9.5	49	STEUBEN	7.5
4	GRANT	9.1	49	HARRISON	7.5
4	MARION	9.1	49	NOBLE	7.5
4	DELAWARE	9.1	52	CASS	7.4
4	SCOTT	9.1	52	JENNINGS	7.4
4	VANDEBURGH	9.1	54	DEARBORN	7.3
9	SULLIVAN	8.9	54	BARTHOLOMEW	7.3
10	ALLEN	8.8	54	PUTNAM	7.3
10	LAPORTE	8.8	54	OWEN	7.3
12	CRAWFORD	8.7	54	OHIO	7.3
12	RUSH	8.7	59	STARKE	7.2
14	MADISON	8.6	59	FOUNTAIN	7.2
14	WABASH	8.6	59	POSEY	7.2
16	FAYETTE	8.5	59	FULTON	7.2
17	RANDOLPH	8.3	59	PULASKI	7.2
17	JAY	8.3	64	DAVIESS	7.1
19	KNOX	8.1	64	RIPLEY	7.1
19	MORGAN	8.1	66	DECATUR	7.0
19	BLACKFORD	8.1	67	JEFFERSON	6.9
19	MARTIN	8.1	67	HANCOCK	6.9
19	HUNTINGTON	8.1	67	SWITZERLAND	6.9
24	GREENE	8.0	67	MONROE	6.9
24	ST. JOSEPH	8.0	67	PORTER	6.9
24	SHELBY	8.0	67	ELKHART	6.9
24	ORANGE	8.0	73	TIPPECANOE	6.8
24	HOWARD	8.0	73	JOHNSON	6.8
29	FLOYD	7.9	73	HAMILTON	6.8
30	CLARK	7.8	73	CLAY	6.8
30	WAYNE	7.8	77	KOSCIUSKO	6.7
30	HENRY	7.8	77	WASHINGTON	6.7
30	MONTGOMERY	7.8	79	DUBOIS	6.6
34	PARKE	7.7	79	HENDRICKS	6.6
34	WELLS	7.7	79	BROWN	6.6
34	WARRICK	7.7	79	CARROLL	6.6
34	MIAMI	7.7	83	BOONE	6.5
38	SPENCER	7.6	83	MARSHALL	6.5
38	VERMILLION	7.6	83	JASPER	6.5
38	TIPTON	7.6	83	WHITE	6.5
38	WHITLEY	7.6	87	ADAMS	6.3
38	CLINTON	7.6	88	DEKALB	6.2
38	GIBSON	7.6	89	UNION	5.6
38	VIGO	7.6	89	WARREN	5.6
38	LAWRENCE	7.6	91	LAGRANGE	5.4
38	JACKSON	7.6	92	BENTON	5.3
				INDIANA	8.0

*Birthweight less than 2,500 grams.

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

Low Birthweight*, White Indiana Residents, 2000-2009

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	10.1	47	HARRISON	7.4
2	PERRY	9.7	47	CASS	7.4
3	SCOTT	9.1	47	JENNINGS	7.4
4	CRAWFORD	8.8	47	FLOYD	7.4
4	SULLIVAN	8.8	51	OHIO	7.3
6	RUSH	8.7	51	VIGO	7.3
7	GRANT	8.6	51	PUTNAM	7.3
7	WABASH	8.6	51	DEARBORN	7.3
9	FAYETTE	8.5	51	OWEN	7.3
10	RANDOLPH	8.4	51	STARKE	7.3
10	DELAWARE	8.4	57	BARTHOLOMEW	7.2
10	VANDERBURGH	8.4	57	PULASKI	7.2
13	JAY	8.3	57	FULTON	7.2
14	MADISON	8.1	57	CLARK	7.2
14	HUNTINGTON	8.1	61	FOUNTAIN	7.1
14	MORGAN	8.1	61	POSEY	7.1
14	GREENE	8.1	63	RIPLEY	7.0
14	KNOX	8.1	63	DECATUR	7.0
19	ORANGE	8.0	63	DAVISS	7.0
19	MARTIN	8.0	66	SWITZERLAND	6.9
19	BLACKFORD	8.0	66	HANCOCK	6.9
22	SHELBY	7.9	66	MONROE	6.9
23	LAPORTE	7.8	69	JEFFERSON	6.8
24	HENRY	7.7	69	ST. JOSEPH	6.8
24	WELLS	7.7	69	CLAY	6.8
24	MONTGOMERY	7.7	69	WASHINGTON	6.8
24	PARKE	7.7	73	PORTER	6.7
24	CLINTON	7.7	73	TIPPECANOE	6.7
24	ALLEN	7.7	73	JOHNSON	6.7
30	JACKSON	7.6	73	DUBOIS	6.7
30	SPENCER	7.6	73	KOSCIUSKO	6.7
30	MIAMI	7.6	78	BROWN	6.6
30	WARRICK	7.6	78	HENDRICKS	6.6
30	WHITLEY	7.6	78	CARROLL	6.6
30	GIBSON	7.6	78	MARSHALL	6.6
30	TIPTON	7.6	82	HAMILTON	6.5
30	NEWTON	7.6	82	BOONE	6.5
30	LAWRENCE	7.6	82	WHITE	6.5
30	MARION	7.6	82	JASPER	6.5
30	FRANKLIN	7.6	86	ELKHART	6.4
41	STEBEN	7.5	87	ADAMS	6.3
41	NOBLE	7.5	88	DEKALB	6.2
41	WAYNE	7.5	89	UNION	5.6
41	HOWARD	7.5	90	WARREN	5.4
41	LAKE	7.5	90	LAGRANGE	5.4
41	VERMILLION	7.5	92	BENTON	5.3
				INDIANA	7.3

*Birthweight less than 2,500 grams.

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

Low Birthweight*, Black Indiana Residents, 2000-2009

(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	16.1
2	LAPORTE	14.9
3	ALLEN	14.8
4	GRANT	14.3
5	VANDEBURGH	14.2
6	CLARK	14.1
7	FLOYD	13.9
7	LAKE	13.9
7	HOWARD	13.9
7	MADISON	13.9
11	WAYNE	13.8
11	ST. JOSEPH	13.8
13	ELKHART	13.3
14	MARION	13.1
15	VIGO	12.8
16	MONROE	12.6
17	PORTER	11.7
18	TIPPECANOE	10.2
19	HAMILTON	9.4
20	HENDRICKS	8.4
	INDIANA	13.5

*Birthweight less than 2,500 grams.

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

Low Birthweight*, Non-Hispanic Indiana Residents, 2000-2009

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	10.1	43	WELLS	7.6
2	LAKE	10.0	43	VERMILLION	7.6
3	PERRY	9.7	43	VIGO	7.6
4	MARION	9.6	50	NEWTON	7.4
5	GRANT	9.3	50	HARRISON	7.4
6	DELAWARE	9.2	50	TIPTON	7.4
6	STEUBEN	9.2	50	BARTHOLOMEW	7.4
8	VANDERBURGH	9.1	50	FULTON	7.4
8	SCOTT	9.1	50	DEARBORN	7.4
10	SULLIVAN	9.0	56	FOUNTAIN	7.3
11	ALLEN	8.9	56	OHIO	7.3
11	LAPORTE	8.9	56	PUTNAM	7.3
13	WABASH	8.7	56	JENNINGS	7.3
13	MADISON	8.7	56	OWEN	7.3
13	RUSH	8.7	61	STARKE	7.2
16	CRAWFORD	8.6	61	DAVIESS	7.2
17	FAYETTE	8.5	61	POSEY	7.2
17	CLINTON	8.5	64	ELKHART	7.1
19	RANDOLPH	8.4	64	JEFFERSON	7.1
19	JAY	8.4	64	PULASKI	7.1
21	ST. JOSEPH	8.3	64	DECATUR	7.1
21	SHELBY	8.3	68	RIPLEY	7.0
23	MARTIN	8.2	68	HANCOCK	7.0
24	KNOX	8.1	70	WHITE	6.9
24	GREENE	8.1	70	PORTER	6.9
24	HUNTINGTON	8.1	70	MONROE	6.9
24	ORANGE	8.1	73	SWITZERLAND	6.8
24	MORGAN	8.1	73	CARROLL	6.8
29	HOWARD	8.0	73	JOHNSON	6.8
29	BLACKFORD	8.0	73	TIPPECANOE	6.8
29	FLOYD	8.0	73	HAMILTON	6.8
29	WAYNE	8.0	78	CLAY	6.7
29	NOBLE	8.0	78	WASHINGTON	6.7
34	CLARK	7.9	78	MARSHALL	6.7
34	HENRY	7.9	78	DUBOIS	6.7
34	CASS	7.9	78	KOSCIUSKO	6.7
37	MONTGOMERY	7.8	78	BROWN	6.7
37	SPENCER	7.8	84	HENDRICKS	6.6
39	MIAMI	7.7	84	BOONE	6.6
39	PARKE	7.7	86	JASPER	6.5
39	JACKSON	7.7	87	ADAMS	6.3
39	GIBSON	7.7	87	DEKALB	6.3
43	LAWRENCE	7.6	89	WARREN	5.7
43	WHITLEY	7.6	89	UNION	5.7
43	FRANKLIN	7.6	91	BENTON	5.4
43	WARRICK	7.6	92	LAGRANGE	5.3
				INDIANA	8.2

*Birthweight less than 2,500 grams.

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

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

Low Birthweight*, Hispanic Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	MONROE	7.8
2	LAKE	7.5
3	HENDRICKS	7.4
3	ALLEN	7.4
5	KOSCIUSKO	7.3
6	VANDEBURGH	7.2
7	MADISON	7.0
7	MONTGOMERY	7.0
7	LAPORTE	7.0
10	BARTHOLOMEW	6.9
10	TIPPECANOE	6.9
12	PORTER	6.8
13	GRANT	6.7
14	JACKSON	6.5
14	DAVISS	6.5
14	CLARK	6.5
17	HAMILTON	6.4
18	DUBOIS	6.3
19	ST. JOSEPH	6.2
20	MARION	6.1
21	CASS	6.0
21	JOHNSON	6.0
21	ELKHART	6.0
24	MARSHALL	5.6
25	WAYNE	5.3
26	NOBLE	5.0
27	CLINTON	4.9
	INDIANA	6.5

*Birthweight less than 2,500 grams.

Note: Hispanic ethnicity can be of any race.

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

Very Low Birthweight*, Total Population, Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	SULLIVAN	2.0	33	POSEY	1.3
2	LAKE	1.9	33	WELLS	1.3
3	MARTIN	1.8	33	WARRICK	1.3
3	MARION	1.8	33	NOBLE	1.3
5	PIKE	1.7	33	GREENE	1.3
5	LAPORTE	1.7	33	HUNTINGTON	1.3
5	VANDEBURGH	1.7	48	HOWARD	1.2
5	ST. JOSEPH	1.7	48	JACKSON	1.2
9	PERRY	1.6	48	BARTHOLOMEW	1.2
9	FAYETTE	1.6	48	WASHINGTON	1.2
9	RUSH	1.6	48	DECATUR	1.2
9	DELAWARE	1.6	48	HARRISON	1.2
9	PARKE	1.6	48	WABASH	1.2
14	ALLEN	1.5	48	SCOTT	1.2
14	CLARK	1.5	48	KNOX	1.2
14	CASS	1.5	48	DUBOIS	1.2
14	CLAY	1.5	48	SPENCER	1.2
14	PULASKI	1.5	48	JASPER	1.2
14	LAWRENCE	1.5	48	OWEN	1.2
14	RANDOLPH	1.5	48	MARSHALL	1.2
21	WAYNE	1.4	48	JEFFERSON	1.2
21	JAY	1.4	48	BOONE	1.2
21	TIPTON	1.4	64	HANCOCK	1.1
21	FULTON	1.4	64	HAMILTON	1.1
21	VIGO	1.4	64	DEKALB	1.1
21	SHELBY	1.4	64	HENDRICKS	1.1
21	TIPPECANOE	1.4	64	DEARBORN	1.1
21	MADISON	1.4	64	WHITE	1.1
21	STEUBEN	1.4	64	CARROLL	1.1
21	CLINTON	1.4	64	PORTER	1.1
21	ORANGE	1.4	64	JOHNSON	1.1
21	GRANT	1.4	64	PUTNAM	1.1
33	FRANKLIN	1.3	64	STARKE	1.1
33	JENNINGS	1.3	64	RIPLEY	1.1
33	GIBSON	1.3	76	MONTGOMERY	1.0
33	FLOYD	1.3	76	FOUNTAIN	1.0
33	ELKHART	1.3	78	KOSCIUSKO	0.9
33	MORGAN	1.3	78	WHITLEY	0.9
33	MIAMI	1.3	78	ADAMS	0.9
33	MONROE	1.3	81	DAVISS	0.8
33	HENRY	1.3	81	LAGRANGE	0.8
				INDIANA	1.4

*Birthweight less than 1,500 grams.

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

Very Low Birthweight*, White Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	SULLIVAN	2.0	23	MADISON	1.3
2	MARTIN	1.8	43	GREENE	1.2
3	PIKE	1.7	43	JACKSON	1.2
4	RUSH	1.6	43	WARRICK	1.2
4	PERRY	1.6	43	WABASH	1.2
4	VANDEBURGH	1.6	43	BARTHOLOMEW	1.2
4	PARKE	1.6	43	ELKHART	1.2
8	FAYETTE	1.5	43	WASHINGTON	1.2
8	PULASKI	1.5	43	DECATUR	1.2
8	CLAY	1.5	43	ALLEN	1.2
8	LAWRENCE	1.5	43	DUBOIS	1.2
8	CASS	1.5	43	JEFFERSON	1.2
8	JAY	1.5	43	SCOTT	1.2
14	RANDOLPH	1.4	43	KNOX	1.2
14	FULTON	1.4	43	HARRISON	1.2
14	TIPTON	1.4	43	MARSHALL	1.2
14	CLINTON	1.4	43	GRANT	1.2
14	TIPPECANOE	1.4	59	HOWARD	1.1
14	JENNINGS	1.4	59	DEARBORN	1.1
14	FRANKLIN	1.4	59	HENDRICKS	1.1
14	LAKE	1.4	59	DEKALB	1.1
14	STEUBEN	1.4	59	JASPER	1.1
23	ORANGE	1.3	59	PUTNAM	1.1
23	WAYNE	1.3	59	CARROLL	1.1
23	GIBSON	1.3	59	BOONE	1.1
23	SHELBY	1.3	59	SPENCER	1.1
23	FLOYD	1.3	59	JOHNSON	1.1
23	VIGO	1.3	59	HAMILTON	1.1
23	MORGAN	1.3	59	OWEN	1.1
23	POSEY	1.3	59	STARKE	1.1
23	DELAWARE	1.3	59	WHITE	1.1
23	HENRY	1.3	59	PORTER	1.1
23	ST. JOSEPH	1.3	74	RIPLEY	1.0
23	WELLS	1.3	74	HANCOCK	1.0
23	MIAMI	1.3	74	MONTGOMERY	1.0
23	MONROE	1.3	77	FOUNTAIN	0.9
23	CLARK	1.3	77	WHITLEY	0.9
23	LAPORTE	1.3	77	ADAMS	0.9
23	NOBLE	1.3	77	KOSCIUSKO	0.9
23	HUNTINGTON	1.3	81	DAVISS	0.8
23	MARION	1.3	81	LAGRANGE	0.8
				INDIANA	1.2

*Birthweight less than 1,500 grams.

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

Very Low Birthweight*, Black Indiana Residents, 2000-2009

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAPORTE	4.5
2	CLARK	3.8
2	DELAWARE	3.8
4	ST. JOSEPH	3.3
4	ALLEN	3.3
6	GRANT	3.1
6	LAKE	3.1
8	MARION	3.0
9	VIGO	2.9
9	MADISON	2.9
11	ELKHART	2.8
11	TIPPECANOE	2.8
11	HAMILTON	2.8
14	VANDEBURGH	2.6
15	HOWARD	2.4
	INDIANA	3.1

*Birthweight less than 1,500 grams.

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

Very Low Birthweight*, Non-Hispanic Indiana Residents, 2000-2009

(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	STEBEN	2.2	35	NOBLE	1.3
2	LAKE	2.0	35	WELLS	1.3
2	SULLIVAN	2.0	35	HUNTINGTON	1.3
4	MARION	1.9	35	WARRICK	1.3
5	MARTIN	1.8	35	GREENE	1.3
6	PIKE	1.7	35	MONROE	1.3
6	ST. JOSEPH	1.7	48	DECATUR	1.2
6	LAPORTE	1.7	48	WABASH	1.2
6	VANDERBURGH	1.7	48	HARRISON	1.2
6	CASS	1.7	48	HOWARD	1.2
11	PERRY	1.6	48	MARSHALL	1.2
11	CLINTON	1.6	48	BARTHOLOMEW	1.2
11	FAYETTE	1.6	48	WASHINGTON	1.2
11	RUSH	1.6	48	JACKSON	1.2
11	PARKE	1.6	48	JEFFERSON	1.2
11	DELAWARE	1.6	48	WHITE	1.2
17	JAY	1.5	48	KNOX	1.2
17	CLARK	1.5	48	CARROLL	1.2
17	PULASKI	1.5	48	SPENCER	1.2
17	ALLEN	1.5	48	HAMILTON	1.2
17	WAYNE	1.5	48	SCOTT	1.2
17	RANDOLPH	1.5	63	JASPER	1.1
17	CLAY	1.5	63	DEARBORN	1.1
17	LAWRENCE	1.5	63	HANCOCK	1.1
25	SHELBY	1.4	63	DUBOIS	1.1
25	MADISON	1.4	63	OWEN	1.1
25	VIGO	1.4	63	BOONE	1.1
25	ELKHART	1.4	63	DEKALB	1.1
25	FULTON	1.4	63	HENDRICKS	1.1
25	GRANT	1.4	63	PUTNAM	1.1
25	GIBSON	1.4	63	PORTER	1.1
25	FLOYD	1.4	63	STARKE	1.1
25	FRANKLIN	1.4	63	JOHNSON	1.1
25	TIPPECANOE	1.4	63	RIPLEY	1.1
35	ORANGE	1.3	63	MONTGOMERY	1.1
35	MORGAN	1.3	77	FOUNTAIN	1.0
35	HENRY	1.3	78	KOSCIUSKO	0.9
35	MIAMI	1.3	78	ADAMS	0.9
35	TIPTON	1.3	78	WHITLEY	0.9
35	JENNINGS	1.3	81	DAVISS	0.8
35	POSEY	1.3	81	LAGRANGE	0.8
				INDIANA	1.5

*Birthweight less than 1,500 grams.

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

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

Very Low Birthweight*, Hispanic Indiana Residents, 2000-2009

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

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

*Birthweight less than 1,500 grams.

Note: Hispanic ethnicity can be of any race.

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

Glossary of Terms

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

Birthweight - The amount a liveborn infant weighs at birth.

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

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

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

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

First Trimester - The first three months of pregnancy.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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