

Indiana Maternal and Child Health Outcomes and Performance Measures Data Book

State and Selected County Data 1998-2007

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Glossary of Terms

Preface

The *Indiana Maternal and Child Health Outcomes and Performance Measures Data Book, 1998-2007*, provides a summary of data relating to pregnancy, birth, and mortality in Indiana and selected counties for the years 1998-2007.

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

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

Indiana began using the 2003 US Standard Certificate of Live Birth (the 2003 "revised" certificate) on January 1, 2007. Although much of the information collected from the mother remained the same, some questions were rephrased or the information gathered in a different manner. This resulted in significant changes to some variables. The major variables that were affected in this report were month prenatal care began and smoking during pregnancy. Data on prenatal care and tobacco use are not considered comparable between 2007 and 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 2007 data are not comparable with data from previous years. The percent of women beginning prenatal care in the first trimester dropped 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. 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: The 1998-2007 preterm birth data in this report were calculated differently than all of the preterm birth data in the 1997-2006 MCH Outcomes and prior reports, and in the 1998 through 2007 Indiana Natality Reports.

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

In the 1997-2006 MCH Outcomes and prior reports, and in the 1998 through 2007 Indiana Natality Reports, we used the obstetrical estimate of gestation (clinical estimate of gestation) to calculate the preterm data. Therefore, the preterm data in this report are not comparable with the preterm data in the other reports.

Race of Mother and Father: Indiana now uses the 1997 Office of Management and Budget (OMB) standards for collecting data on race and ethnicity. On the 2007 birth certificate, mother and father can 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:

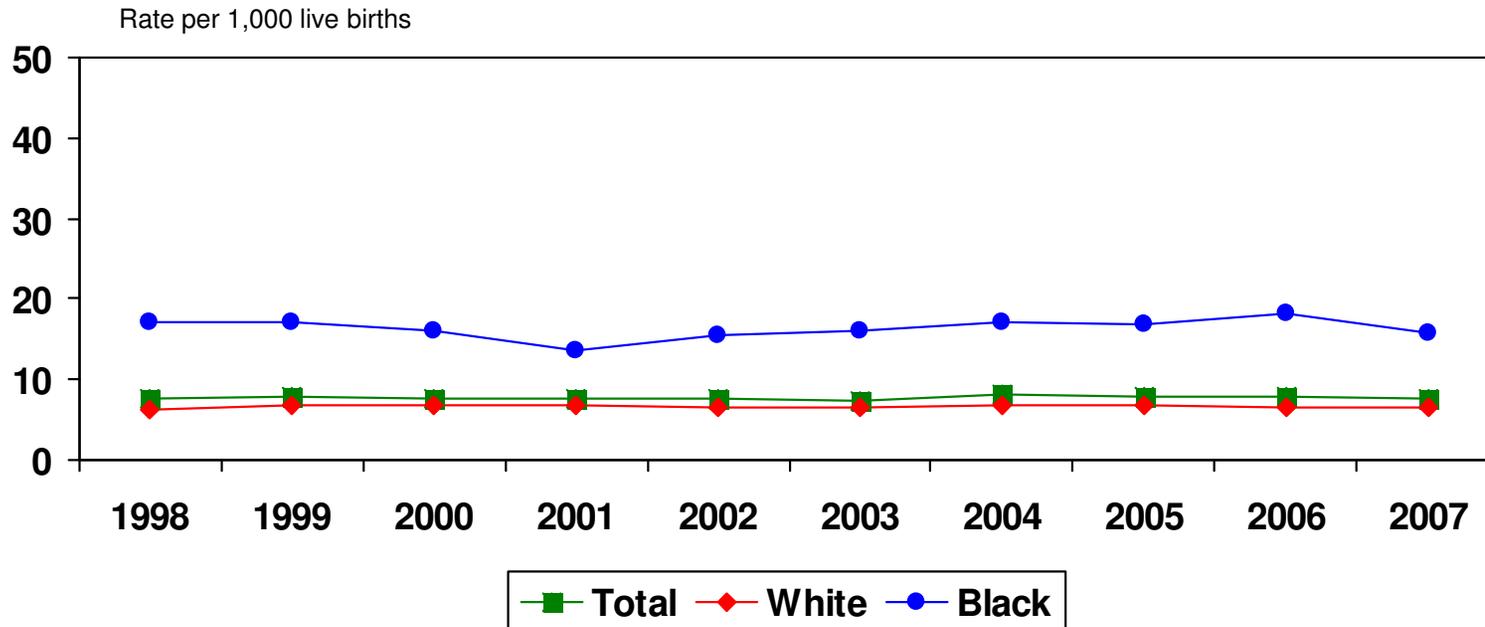
Race		
<u>1997 OMB standards (current)</u>	<u>1977 OMB standards (pre-2007)</u>	<u>This Report</u>
American Indian or Alaska Native	American Indian or Alaska Native	Included in Other
Asian	Asian or Pacific Islander	Included in Other
Black or African American	Black	Black
Native Hawaiian or Other Pacific 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, 1998-2007

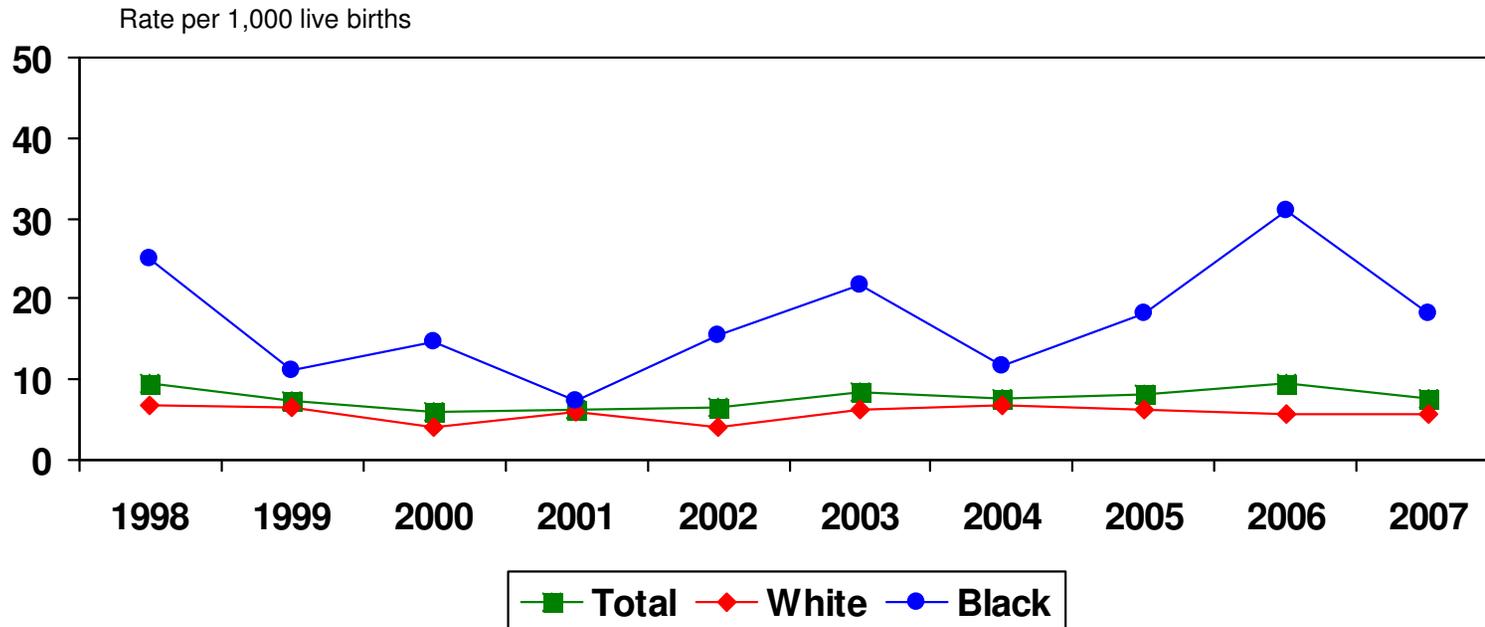


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	7.5	7.8	7.7	7.6	7.6	7.4	8.1	8.0	7.9	7.5
White	6.3	6.8	6.7	6.8	6.5	6.4	6.9	6.9	6.4	6.5
Black	17.1	17.0	15.9	13.6	15.6	15.9	17.1	16.9	18.1	15.7

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

Infant Mortality Rates by Race

Allen County Residents, 1998-2007



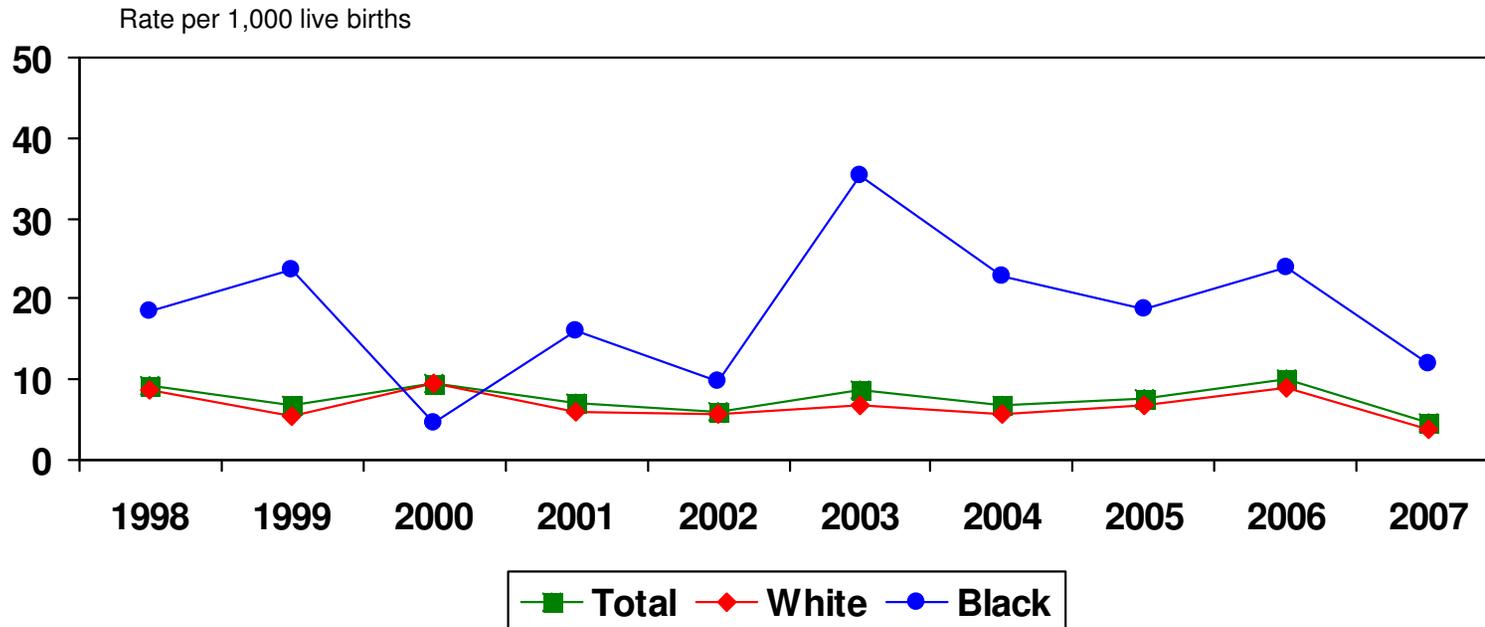
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	9.5	7.3	6.1	6.3	6.6	8.4	7.7	8.1	9.5	7.7
White	6.7	6.6	4.2*	6.1	4.2*	6.2	6.8	6.2	5.6	5.7
Black	25.1*	11.1*	14.8*	7.4*	15.6*	21.8*	11.7*	18.1*	31.1	18.1*

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

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

Infant Mortality Rates by Race

Elkhart County Residents, 1998-2007



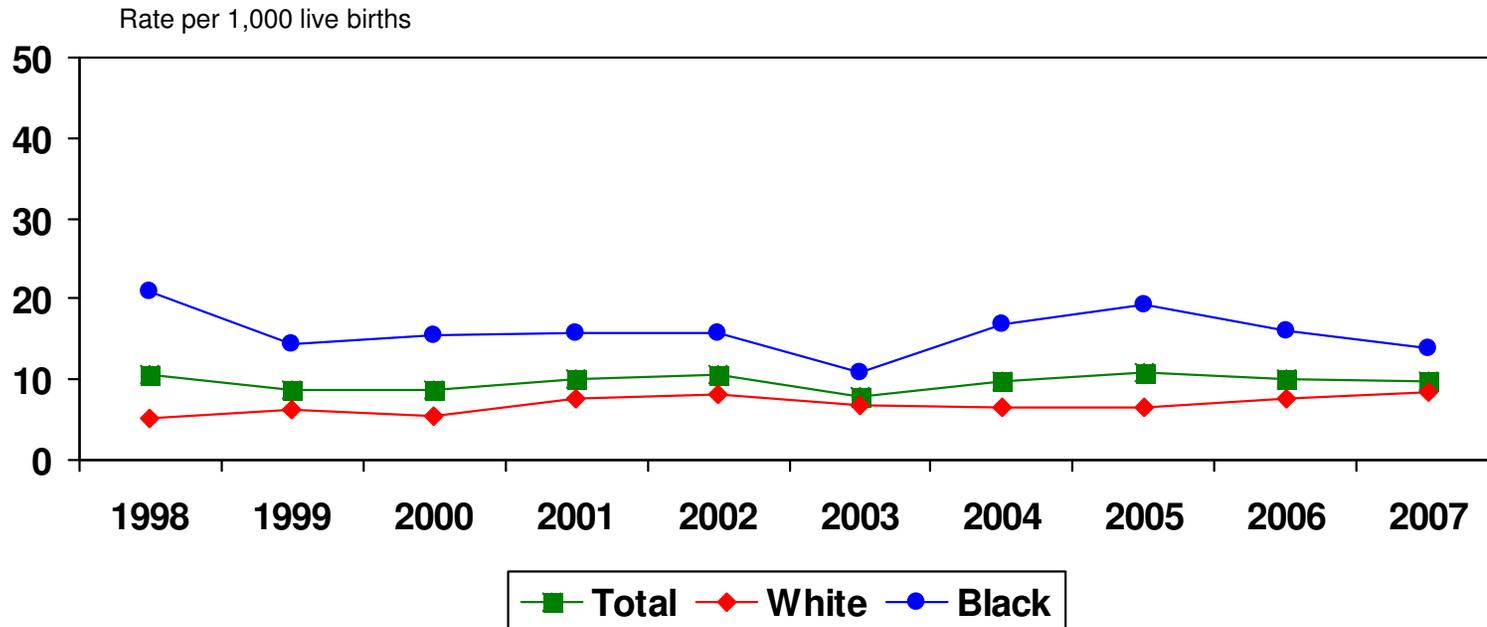
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	9.3	6.7	9.4	7.0	6.0*	8.8	6.8	7.5	10.1	4.5*
White	8.8	5.5*	9.5	5.9*	5.8*	6.8	5.7*	6.8	8.9	3.7*
Black	18.5*	23.7*	4.7*	16.1*	9.9*	35.4*	22.9*	18.7*	23.9*	12.0*

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

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

Infant Mortality Rates by Race

Lake County Residents, 1998-2007

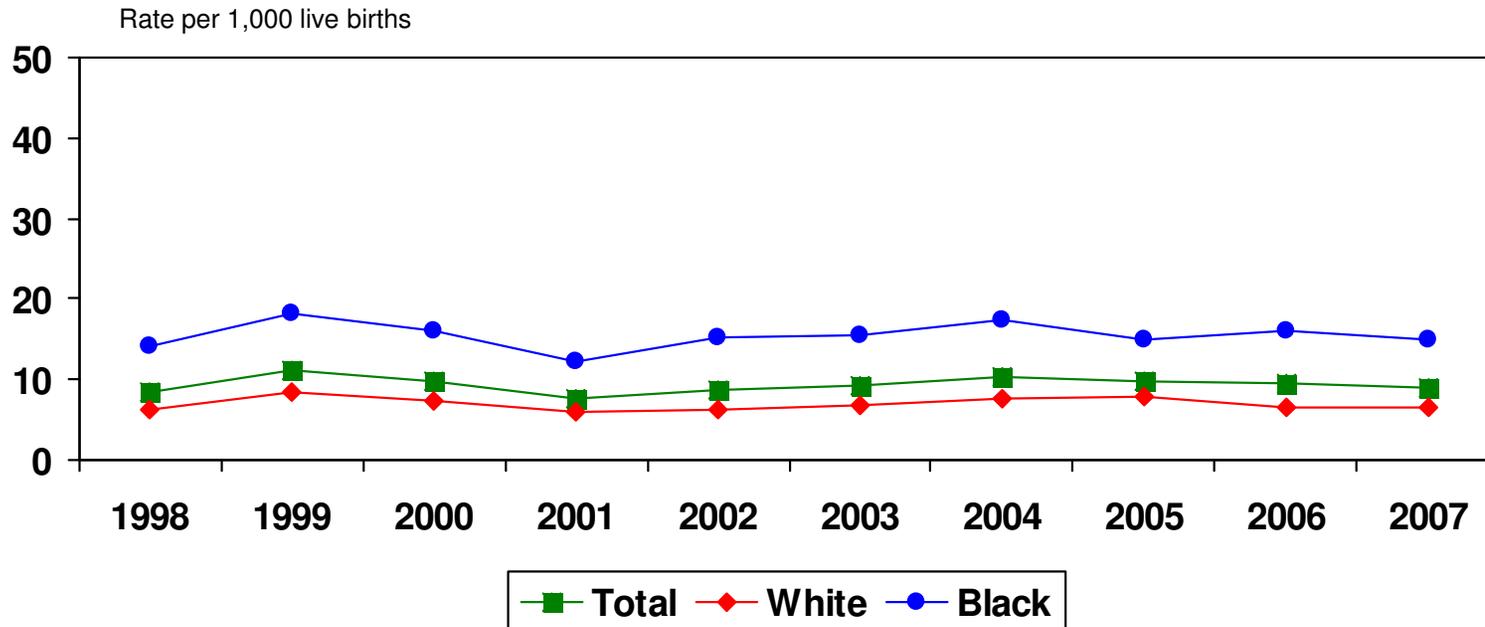


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	10.7	8.8	8.7	10.1	10.6	7.9	9.9	10.8	10.1	9.9
White	5.1	6.2	5.5	7.6	8.1	6.7	6.6	6.6	7.5	8.3
Black	20.9	14.4	15.5	15.7	15.7	10.9	16.9	19.3	15.9	13.9

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

Infant Mortality Rates by Race

Marion County Residents, 1998-2007

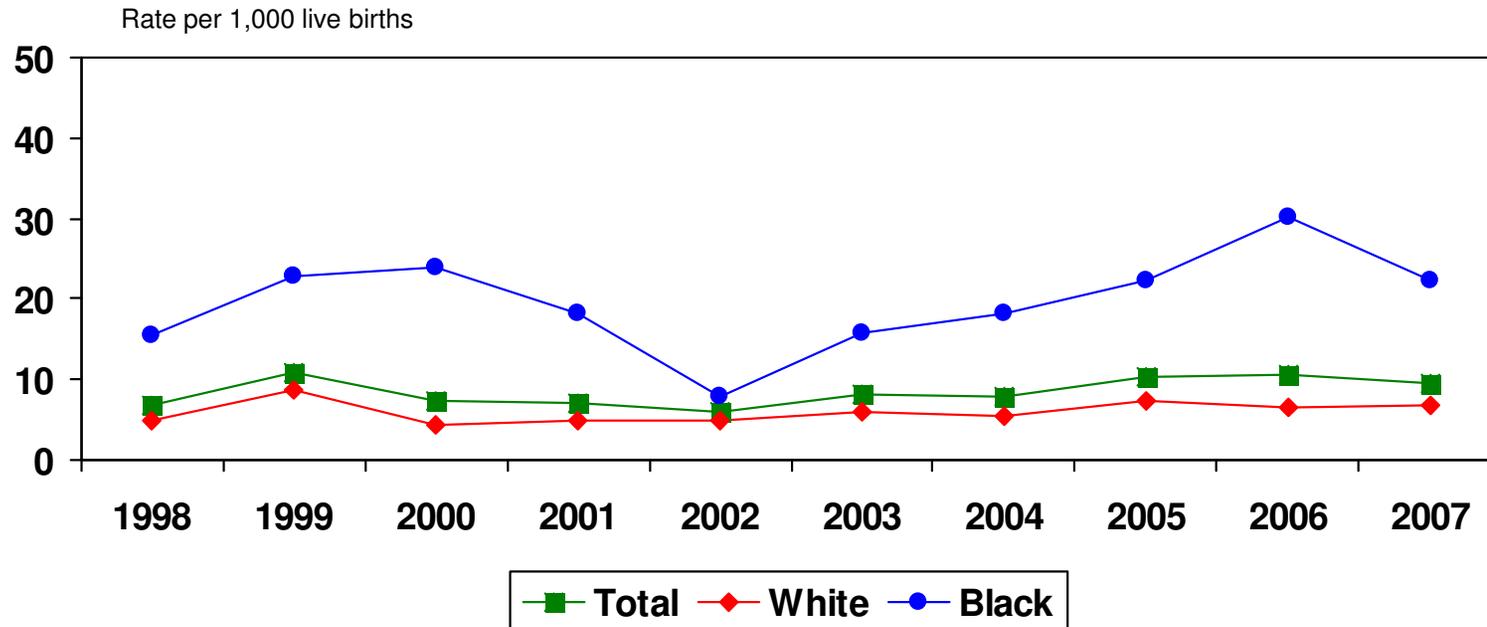


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	8.3	11.1	9.9	7.7	8.6	9.2	10.2	9.9	9.4	9.1
White	6.2	8.4	7.4	5.9	6.2	6.7	7.5	7.8	6.5	6.5
Black	14.1	18.2	15.9	12.3	15.3	15.4	17.3	15.0	16.1	15.0

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

Infant Mortality Rates by Race

St. Joseph County Residents, 1998-2007



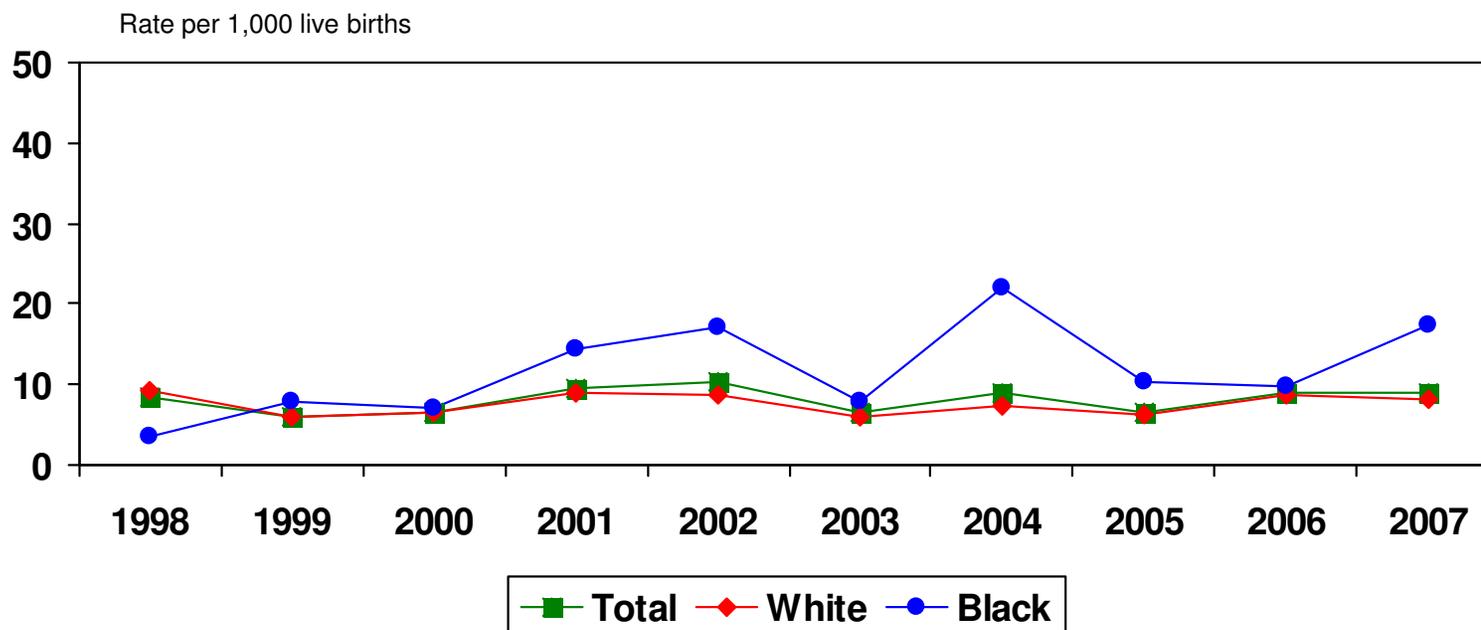
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	6.8	10.8	7.3	7.0	6.1	8.1	7.8	10.2	10.5	9.6
White	4.9*	8.8	4.3*	4.8*	5.0*	6.1*	5.5*	7.4	6.5	6.7
Black	15.5*	22.7*	23.8*	18.1*	7.9*	15.7*	18.3*	22.3*	30.1	22.3*

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

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

Infant Mortality Rates by Race

Vanderburgh County Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	8.4*	6.1*	6.4*	9.6	10.4	6.4*	8.9	6.5*	9.1	8.9
White	9.2*	6.0*	6.5*	9.1*	8.6*	5.9*	7.4*	6.2*	8.8*	8.1*
Black	3.6*	7.8*	7.0*	14.3*	17.2*	8.0*	22.1*	10.2*	9.9*	17.4*

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

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

**Infant Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1998-2007**

	1998		1999		2000		2001		2002		2003		2004		2005		2006		2007	
	Number	Rate																		
INDIANA	641	7.5	671	7.8	676	7.7	652	7.6	649	7.6	641	7.4	702	8.1	699	8.0	702	7.9	677	7.5
White	468	6.3	506	6.8	511	6.7	514	6.8	479	6.5	479	6.4	522	6.9	519	6.9	495	6.4	499	6.5
Black	158	17.1	157	17.0	150	15.9	130	13.6	144	15.6	148	15.9	164	17.1	166	16.9	188	18.1	162	15.7
Ratio		2.7		2.5		2.4		2.0		2.4		2.5		2.5		2.4		2.8		2.4
ALL RACES	314	8.9	334	9.4	313	8.0	286	8.0	296	8.1	307	8.1	334	8.6	343	8.8	369	9.8	323	8.3
Allen	48	9.5	37	7.3	32	6.1	34	6.3	34	6.6	44	8.4	41	7.7	43	8.1	52	9.5	42	7.7
Elkhart	28	9.3	21	6.7	31	9.4	22	7.0	18	6.0	28	8.8	22	6.8	26	7.5	36	10.1	16	4.5
Lake	76	10.7	62	8.8	61	8.7	70	10.1	72	10.6	55	7.9	69	9.9	74	10.8	70	10.1	67	9.9
Marion	116	8.3	158	11.1	145	9.9	111	7.7	125	8.6	135	9.2	151	10.2	145	9.9	146	9.4	140	9.1
St. Joseph	27	6.8	42	10.8	29	7.3	27	7.0	23	6.1	30	8.1	30	7.8	39	10.2	42	10.5	36	9.6
Vanderburgh	19	8.4	14	6.1	15	6.4	22	9.6	24	10.4	15	6.4	21	8.9	16	6.5	23	9.1	22	8.9
WHITE	171	6.4	197	7.3	176	6.2	171	6.6	166	6.3	177	6.4	188	6.6	194	6.8	197	7.3	180	6.5
Allen	28	6.7	28	6.6	18	4.2	27	6.1	18	4.2	27	6.2	30	6.8	27	6.2	25	5.6	25	5.7
Elkhart	24	8.8	16	5.5	29	9.5	17	5.9	16	5.8	20	6.8	17	5.7	22	6.8	29	8.9	12	3.7
Lake	24	5.1	29	6.2	26	5.5	35	7.6	37	8.1	31	6.7	31	6.6	30	6.6	34	7.5	37	8.3
Marion	61	6.2	84	8.4	76	7.4	59	5.9	63	6.2	69	6.7	78	7.5	79	7.8	69	6.5	69	6.5
St. Joseph	16	4.9	28	8.8	14	4.3	15	4.8	15	5.0	18	6.1	17	5.5	23	7.4	21	6.5	20	6.7
Vanderburgh	18	9.2	12	6.0	13	6.5	18	9.1	17	8.6	12	5.9	15	7.4	13	6.2	19	8.8	17	8.1
BLACK	136	17.0	133	16.6	128	13.6	110	14.0	118	13.6	121	17.9	140	18.2	142	17.3	165	21.2	135	16.5
Allen	19	25.1	8	11.1	11	14.8	6	7.4	11	15.6	16	21.8	9	11.7	14	18.1	27	31.1	16	18.1
Elkhart	4	18.5	5	23.7	1	4.7	3	16.1	2	9.9	7	35.4	5	22.9	4	18.7	6	23.9	3	12.0
Lake	49	20.9	33	14.4	35	15.5	35	15.7	34	15.7	24	10.9	37	16.9	43	19.3	36	15.9	30	13.9
Marion	53	14.1	71	18.2	64	15.9	50	12.3	61	15.3	62	15.4	71	17.3	62	15.0	72	16.1	66	15.0
St. Joseph	10	15.5	14	22.7	15	23.8	12	18.1	5	7.9	10	15.7	12	18.3	16	22.3	21	30.1	15	22.3
Vanderburgh	1	3.6	2	7.8	2	7.0	4	14.3	5	17.2	2	8.0	6	22.1	3	10.2	3	9.9	5	17.4
RATIO																				
Allen		3.7		1.7		3.6		1.2		3.7		3.5		1.7		2.9		5.6		3.2
Elkhart		2.1		4.3		0.5		2.7		1.7		5.2		4.0		2.8		2.7		3.2
Lake		4.1		2.3		2.8		2.1		1.9		1.6		2.6		2.9		2.1		1.7
Marion		2.3		2.2		2.1		2.1		2.5		2.3		2.3		1.9		2.5		2.3
St. Joseph		2.2		2.6		5.5		3.8		1.6		2.6		3.3		3.0		4.6		3.3
Vanderburgh		0.4		1.3		1.1		1.6		2.0		1.4		3.0		1.6		1.1		2.1

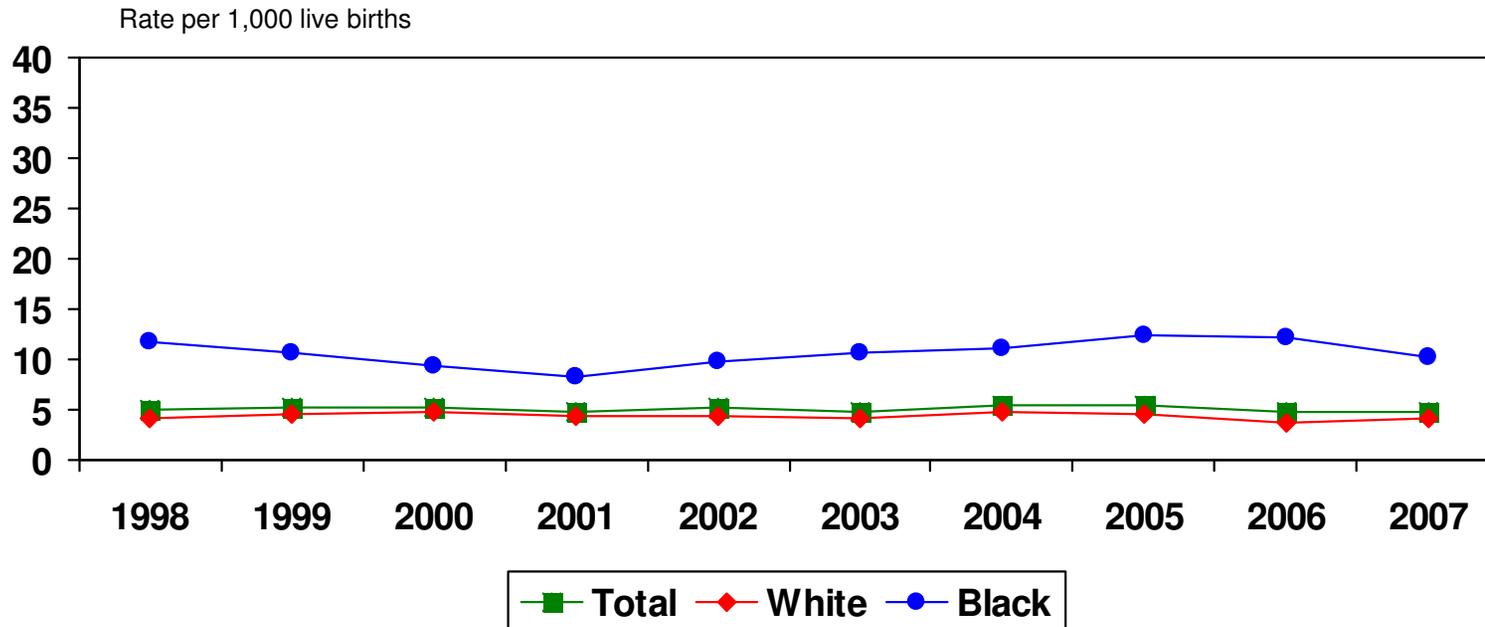
Rate per 1,000 live births.

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, 2011

Neonatal Mortality Rates by Race

Indiana Residents, 1998-2007

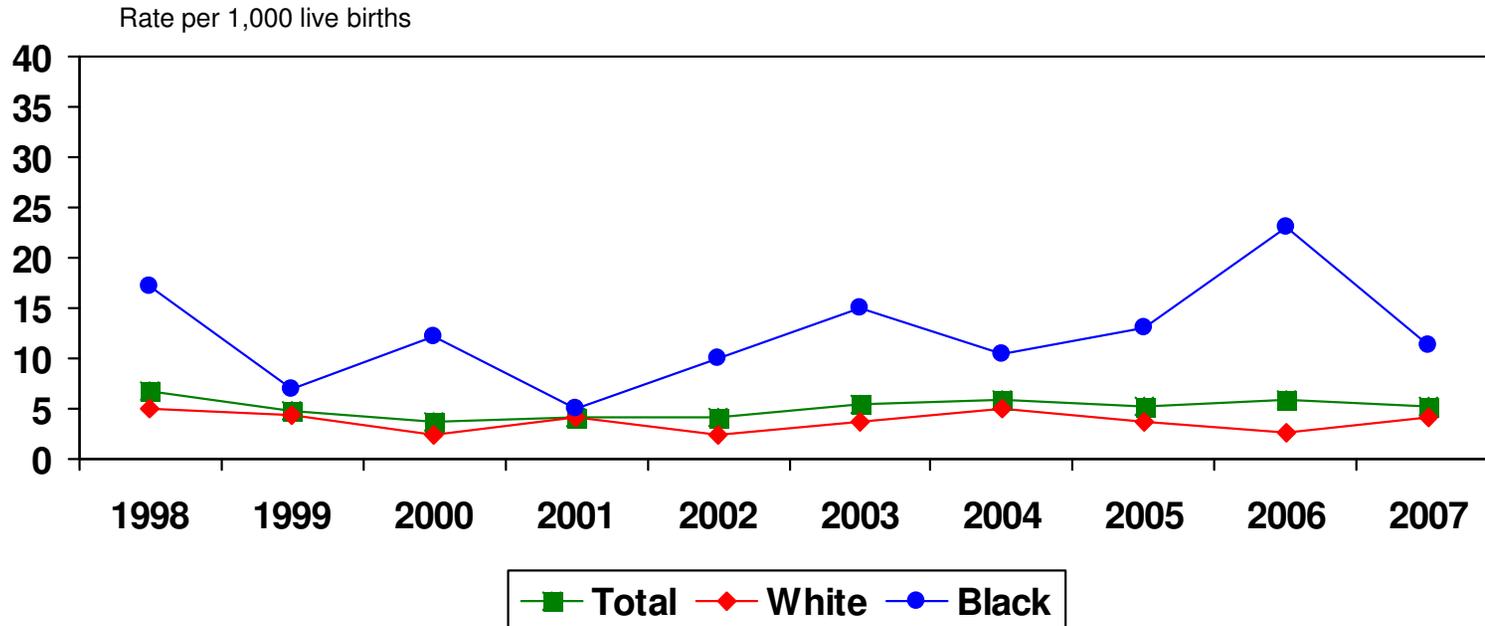


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	5.1	5.2	5.2	4.8	5.2	4.8	5.4	5.5	4.8	4.8
White	4.2	4.5	4.7	4.4	4.4	4.1	4.7	4.5	3.8	4.1
Black	11.8	10.7	9.3	8.3	9.8	10.6	11.0	12.5	12.1	10.2

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

Neonatal Mortality Rates by Race

Allen County Residents, 1998-2007

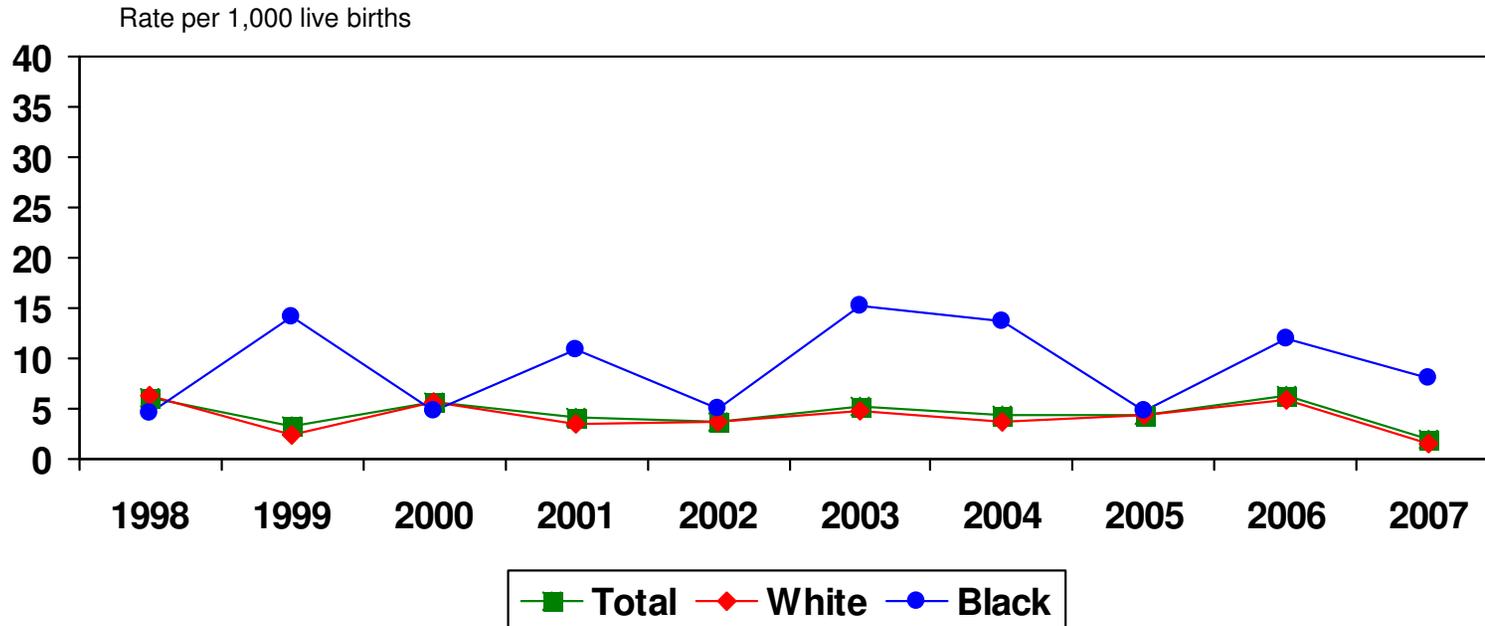


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	6.7	4.7	3.8	4.1	4.1	5.4	5.8	5.3	5.8	5.3
White	5.0	4.3*	2.3*	4.1*	2.3*	3.7*	5.0	3.7*	2.7*	4.1*
Black	17.2*	6.9*	12.1*	4.9*	9.9*	15.0*	10.4*	13.0*	23.0	11.3*

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

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

Neonatal Mortality Rates by Race Elkhart County Residents, 1998-2007



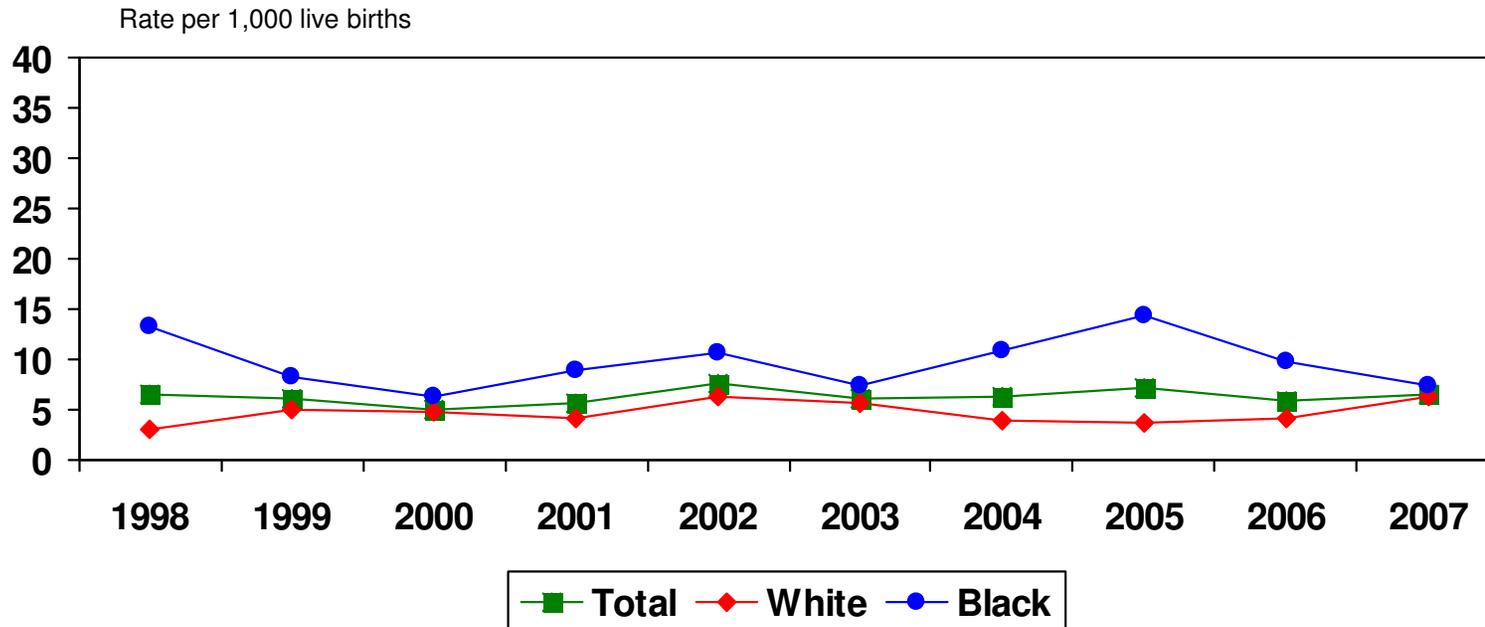
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	6.0*	3.2*	5.7*	4.2*	3.7*	5.3*	4.3*	4.3*	6.2	2.0*
White	6.2*	2.4*	5.6*	3.5*	3.6*	4.7*	3.7*	4.3*	5.8*	1.5*
Black	4.6*	14.2*	4.7*	10.8*	5.0*	15.2*	13.8*	4.7*	12.0*	8.0*

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

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

Neonatal Mortality Rates by Race

Lake County Residents, 1998-2007

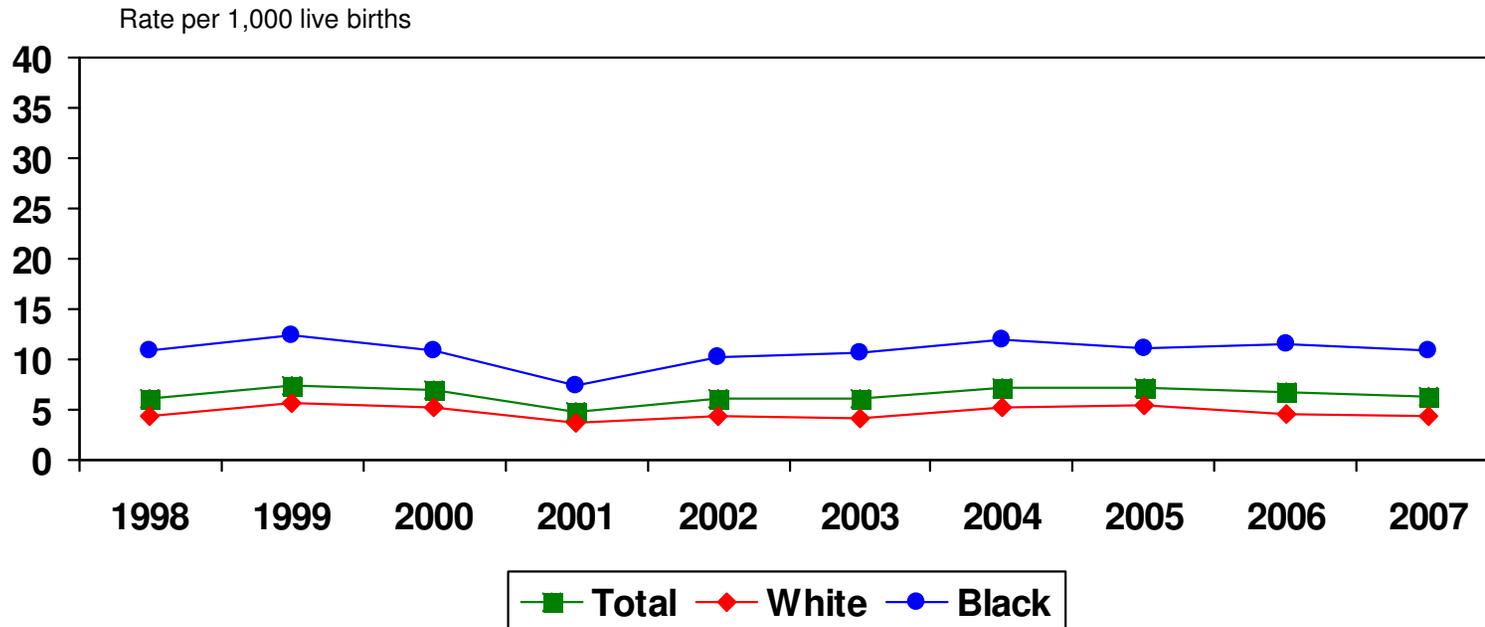


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	6.6	6.1	5.1	5.6	7.6	6.1	6.2	7.1	5.9	6.5
White	3.0*	5.1	4.7	4.1*	6.4	5.6	3.9*	3.8*	4.2*	6.3
Black	13.3	8.3*	6.2*	9.0	10.6	7.3*	10.9	14.3	9.7	7.4*

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

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

Neonatal Mortality Rates by Race Marion County Residents, 1998-2007

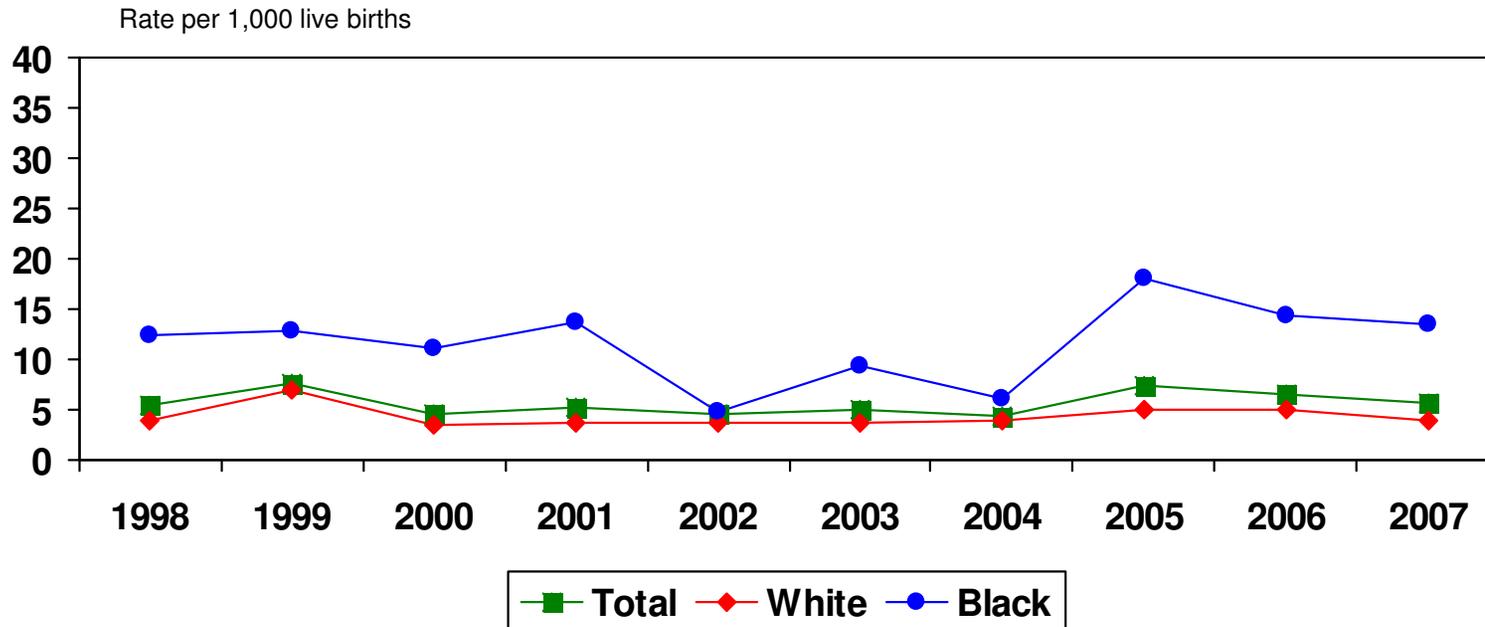


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	6.0	7.5	6.9	4.7	6.0	6.1	7.1	7.2	6.7	6.4
White	4.4	5.6	5.3	3.6	4.4	4.2	5.3	5.4	4.5	4.4
Black	10.9	12.3	10.9	7.4	10.3	10.7	11.9	11.1	11.6	10.9

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

Neonatal Mortality Rates by Race

St. Joseph County Residents, 1998-2007



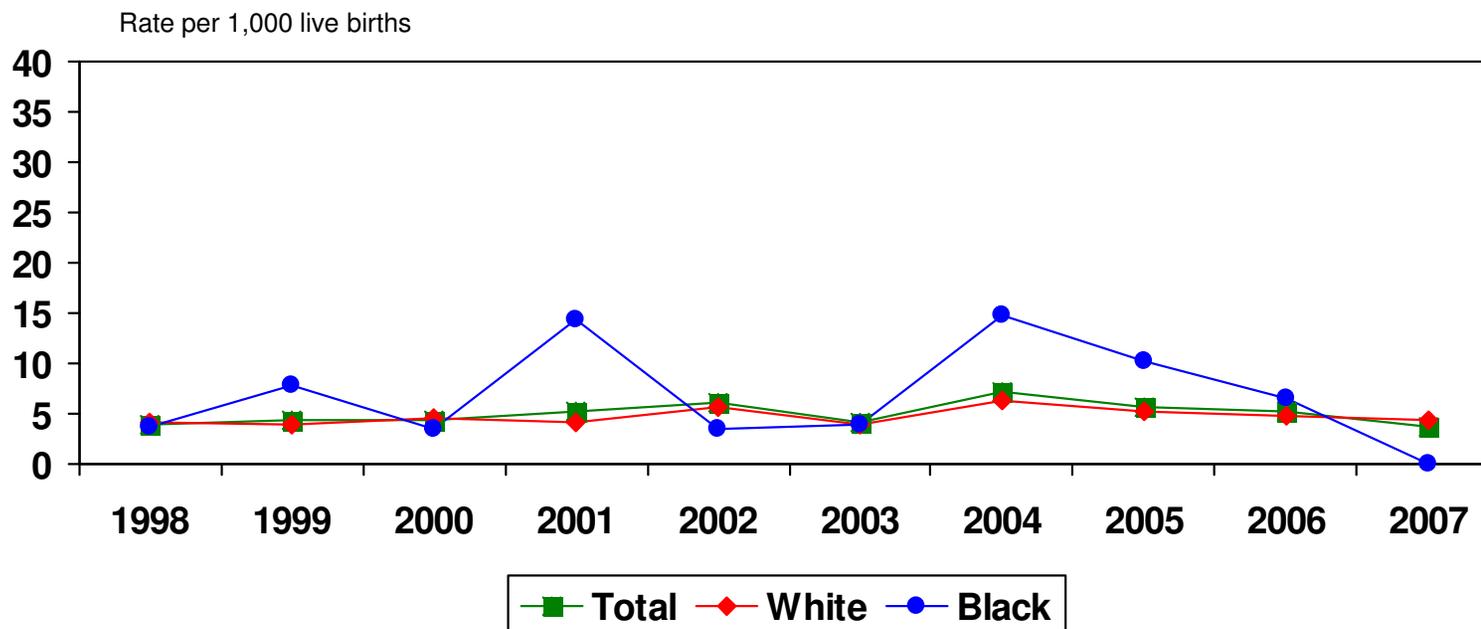
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	5.5	7.7	4.5*	5.2	4.5*	5.1*	4.4*	7.3	6.5	5.6
White	4.0*	6.9	3.4*	3.6*	3.7*	3.7*	3.9*	5.0*	5.0*	4.0*
Black	12.4*	12.9*	11.1*	13.6*	4.7*	9.4*	6.1*	18.1*	14.3*	13.4*

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

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

Neonatal Mortality Rates by Race

Vanderburgh County Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	4.0*	4.4*	4.3*	5.2*	6.1*	4.2*	7.2*	5.7*	5.2*	3.6*
White	4.1*	4.0*	4.5*	4.1*	5.6*	3.9*	6.4*	5.2*	4.7*	4.3*
Black	3.6*	7.8*	3.5*	14.3*	3.4*	4.0*	14.8*	10.2*	6.6*	0.0*

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

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

**Neonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1998-2007**

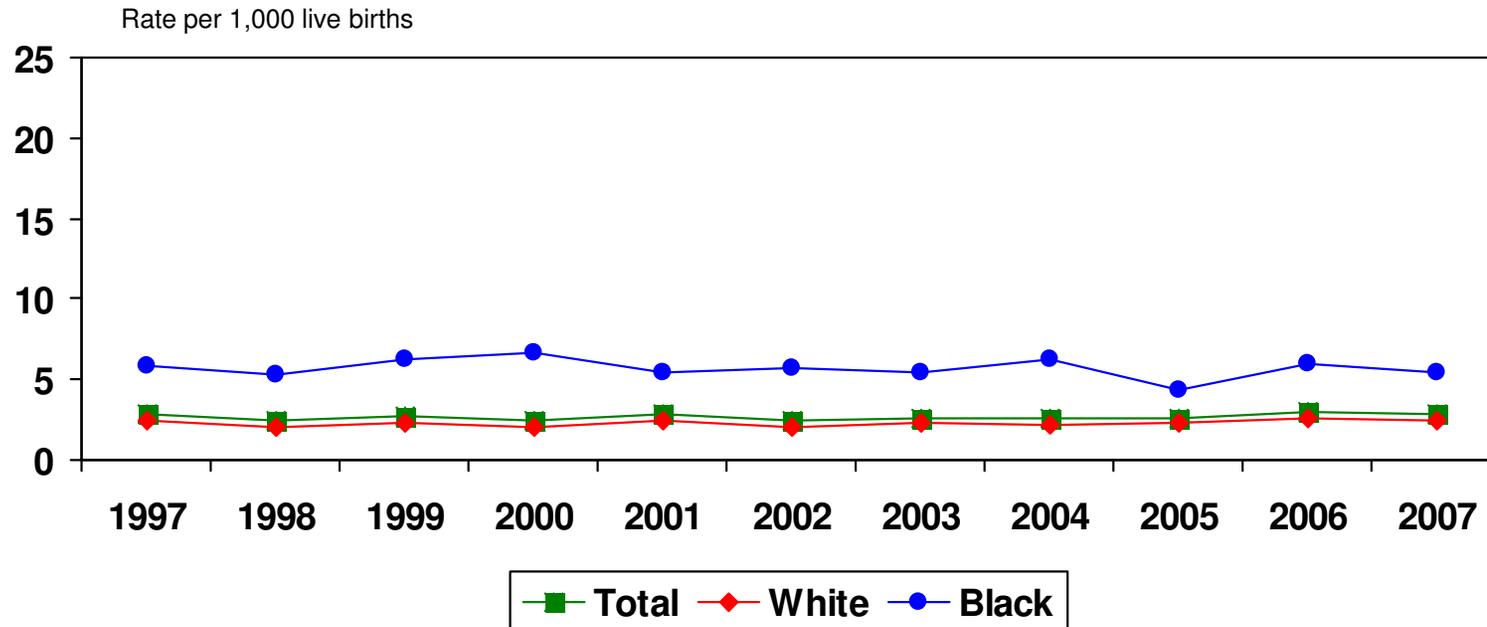
	1998		1999		2000		2001		2002		2003		2004		2005		2006		2007	
	Number	Rate																		
INDIANA	434	5.1	441	5.2	454	5.2	414	4.8	441	5.2	417	4.8	472	5.4	475	5.5	433	4.8	428	4.8
White	316	4.2	335	4.5	358	4.7	330	4.4	329	4.4	309	4.1	354	4.7	343	4.5	296	3.8	313	4.1
Black	109	11.8	99	10.7	88	9.3	79	8.3	91	9.8	98	10.6	105	11.0	123	12.5	126	12.1	105	10.2
Ratio		2.8		2.4		2.0		1.9		2.2		2.6		2.3		2.8		3.2		2.5
ALL RACES	214	6.0	224	6.3	204	5.1	174	4.8	202	5.3	205	5.4	228	5.8	239	6.2	238	6.1	208	4.9
Allen	34	6.7	24	4.7	20	3.8	22	4.1	21	4.1	28	5.4	31	5.8	28	5.3	32	5.8	29	5.3
Elkhart	18	6.0	10	3.2	19	5.7	13	4.2	11	3.7	17	5.3	14	4.3	15	4.3	22	6.2	7	2.0
Lake	47	6.6	43	6.1	36	5.1	39	5.6	52	7.6	42	6.1	43	6.2	49	7.1	41	5.9	44	6.5
Marion	84	6.0	107	7.5	101	6.9	68	4.7	87	6.0	89	6.1	106	7.1	105	7.2	104	6.7	98	6.4
St. Joseph	22	5.5	30	7.7	18	4.5	20	5.2	17	4.5	19	5.1	17	4.4	28	7.3	26	6.5	21	5.6
Vanderburgh	9	4.0	10	4.4	10	4.3	12	5.2	14	6.1	10	4.2	17	7.2	14	5.7	13	5.2	9	3.6
WHITE	116	4.4	135	5.0	123	4.3	102	3.8	116	4.3	118	4.3	131	4.7	128	4.6	124	4.5	118	4.1
Allen	21	5.0	18	4.3	10	2.3	18	4.1	10	2.3	16	3.7	22	5.0	16	3.7	12	2.7	18	4.1
Elkhart	17	6.2	7	2.4	17	5.6	10	3.5	10	3.6	14	4.7	11	3.7	14	4.3	19	5.8	5	1.5
Lake	14	3.0	24	5.1	22	4.7	19	4.1	29	6.4	26	5.6	18	3.9	17	3.8	19	4.2	28	6.3
Marion	43	4.4	56	5.6	54	5.3	36	3.6	45	4.4	43	4.2	55	5.3	55	5.4	48	4.5	46	4.4
St. Joseph	13	4.0	22	6.9	11	3.4	11	3.6	11	3.7	11	3.7	12	3.9	15	5.0	16	5.0	12	4.0
Vanderburgh	8	4.1	8	4.0	9	4.5	8	4.1	11	5.6	8	3.9	13	6.4	11	5.2	10	4.7	9	4.3
BLACK	95	11.9	85	10.6	76	8.1	69	10.0	76	7.3	80	10.3	92	11.3	105	11.9	109	12.9	85	8.5
Allen	13	17.2	5	6.9	9	12.1	4	4.9	7	9.9	11	15.0	8	10.4	10	13.0	20	23.0	10	11.3
Elkhart	1	4.6	3	14.2	1	4.7	2	10.8	1	5.0	3	15.2	3	13.8	1	4.7	3	12.0	2	8.0
Lake	31	13.3	19	8.3	14	6.2	20	9.0	23	10.6	16	7.3	24	10.9	32	14.3	22	9.7	16	7.4
Marion	41	10.9	48	12.3	44	10.9	30	7.4	41	10.3	43	10.7	49	11.9	46	11.1	52	11.6	48	10.9
St. Joseph	8	12.4	8	12.9	7	11.1	9	13.6	3	4.7	6	9.4	4	6.1	13	18.1	10	14.3	9	13.4
Vanderburgh	1	3.6	2	7.8	1	3.5	4	14.3	1	3.4	1	4.0	4	14.8	3	10.2	2	6.6	0	0.0
RATIO																				
Allen		3.4		1.6		5.2		1.2		4.3		4.1		2.1		3.5		8.5		2.8
Elkhart		0.7		5.9		0.8		3.1		1.4		3.2		3.7		1.1		2.1		5.3
Lake		4.4		1.6		1.3		2.2		1.7		1.3		2.8		3.8		2.3		1.2
Marion		2.5		2.2		2.1		2.1		2.3		2.5		2.2		2.1		2.6		2.5
St. Joseph		3.1		1.9		3.3		3.8		1.3		2.5		1.6		3.6		2.9		3.4
Vanderburgh		0.9		2.0		0.8		3.5		0.6		1.0		2.3		2.0		1.4		0.0

Rate per 1,000 live births.

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

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

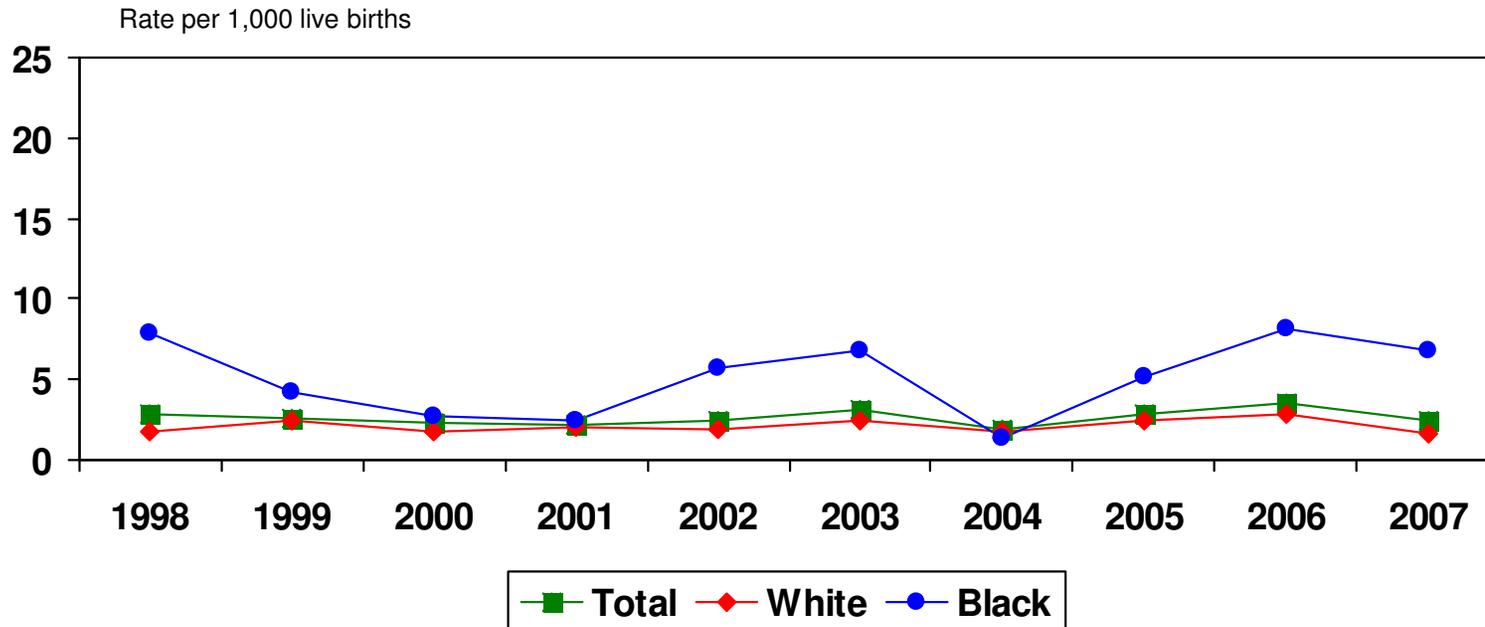
Postneonatal Mortality Rates by Race Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	2.4	2.7	2.5	2.8	2.5	2.6	2.6	2.6	3.0	2.8
White	2.0	2.3	2.0	2.5	2.0	2.3	2.2	2.3	2.6	2.4
Black	5.3	6.3	6.6	5.4	5.7	5.4	6.2	4.4	6.0	5.5

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

Postneonatal Mortality Rates by Race Allen County Residents, 1998-2007

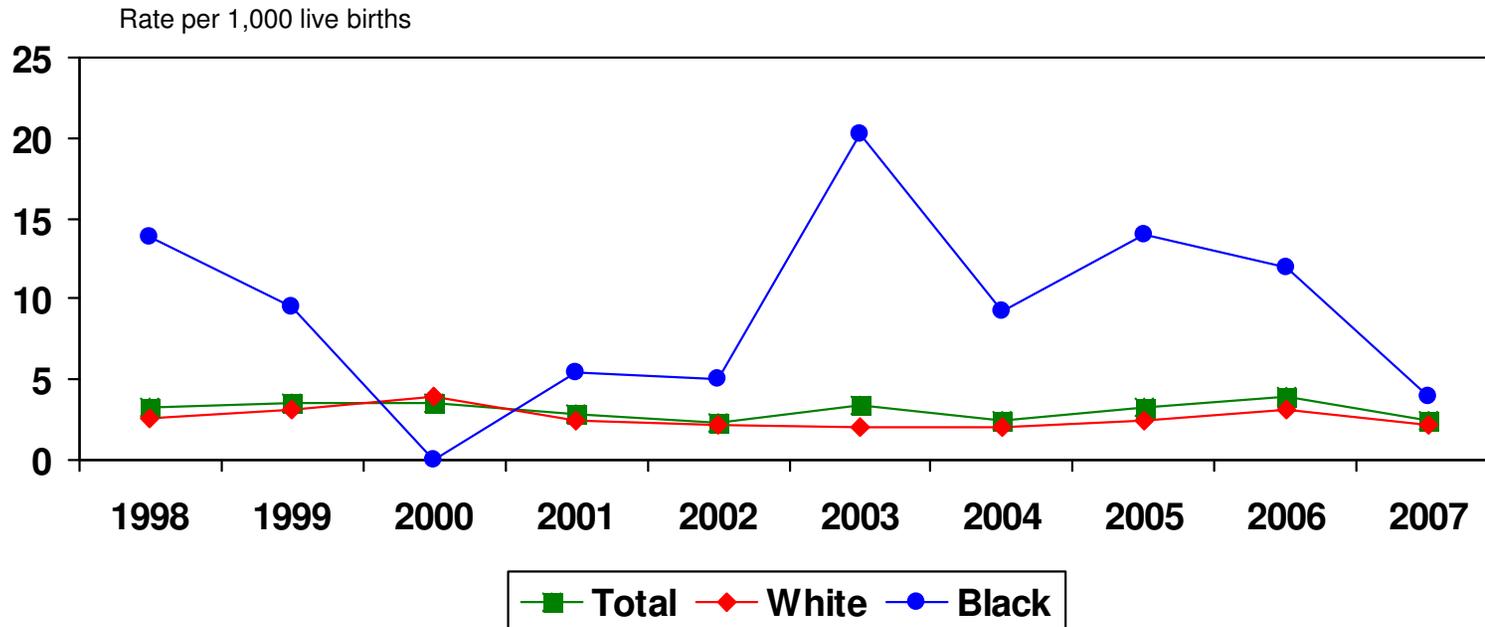


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	2.8*	2.6*	2.3*	2.2*	2.5*	3.1*	1.9*	2.8*	3.6	2.4*
White	1.7*	2.4*	1.8*	2.0*	1.8*	2.5*	1.8*	2.5*	2.9*	1.6*
Black	7.9*	4.2*	2.7*	2.5*	5.7*	6.8*	1.3*	5.2*	8.1*	6.8*

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

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

Postneonatal Mortality Rates by Race Elkhart County Residents, 1998-2007

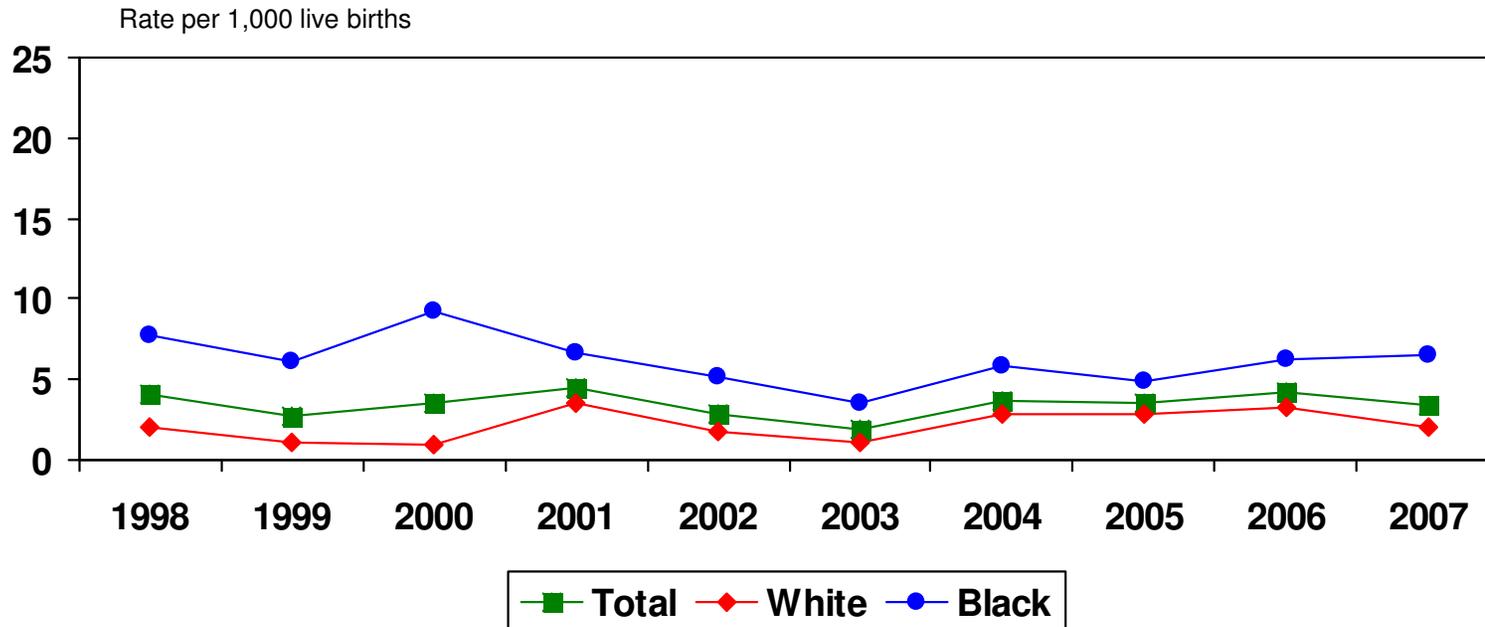


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	3.3*	3.5*	3.6*	2.9*	2.3*	3.4*	2.5*	3.2*	3.9*	2.5*
White	2.6*	3.1*	3.9*	2.4*	2.2*	2.0*	2.0*	2.5*	3.1*	2.2*
Black	13.9*	9.5*	0.0*	5.4*	5.0*	20.2*	9.2*	14.0*	12.0*	4.0*

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

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

Postneonatal Mortality Rates by Race Lake County Residents, 1998-2007

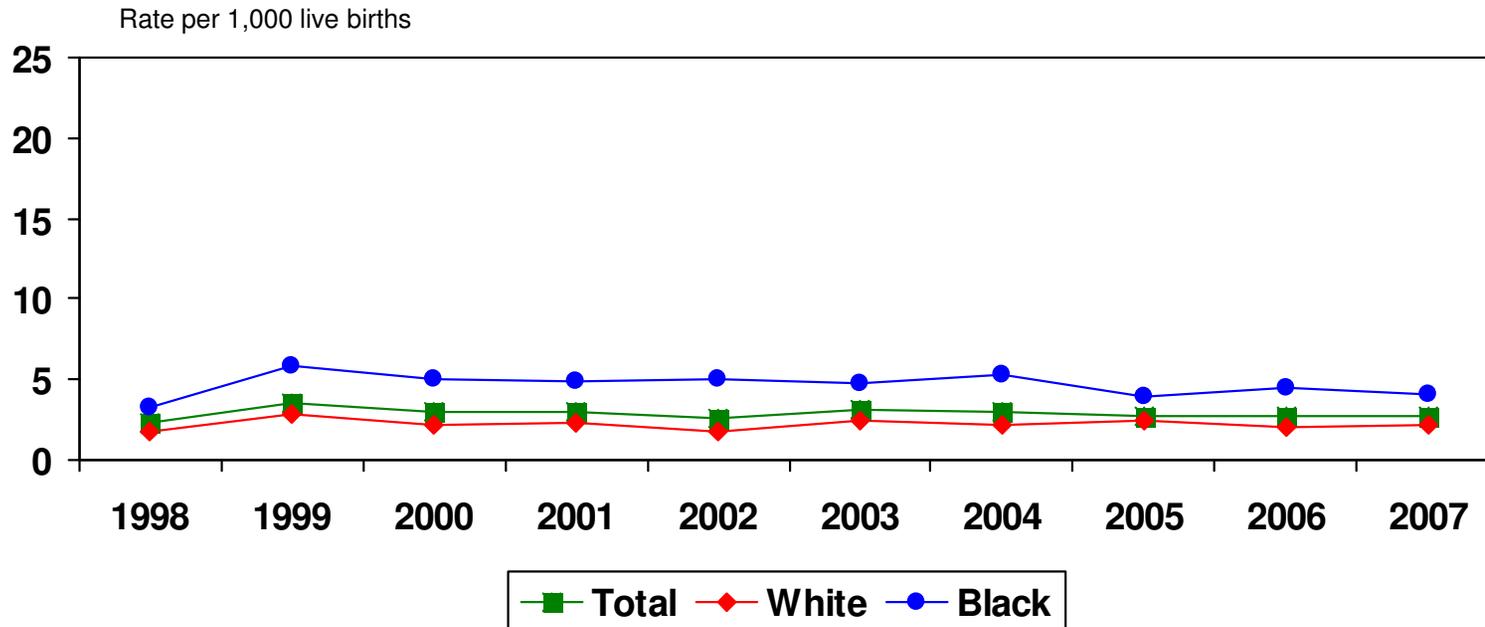


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	4.1	2.7*	3.6	4.5	2.9	1.9*	3.7	3.6	4.2	3.4
White	2.1*	1.1*	0.9*	3.5*	1.8*	1.1*	2.8*	2.9*	3.3*	2.0*
Black	7.7*	6.1*	9.3	6.7*	5.1*	3.6*	5.9*	4.9*	6.2*	6.5*

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

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

Postneonatal Mortality Rates by Race Marion County Residents, 1998-2007

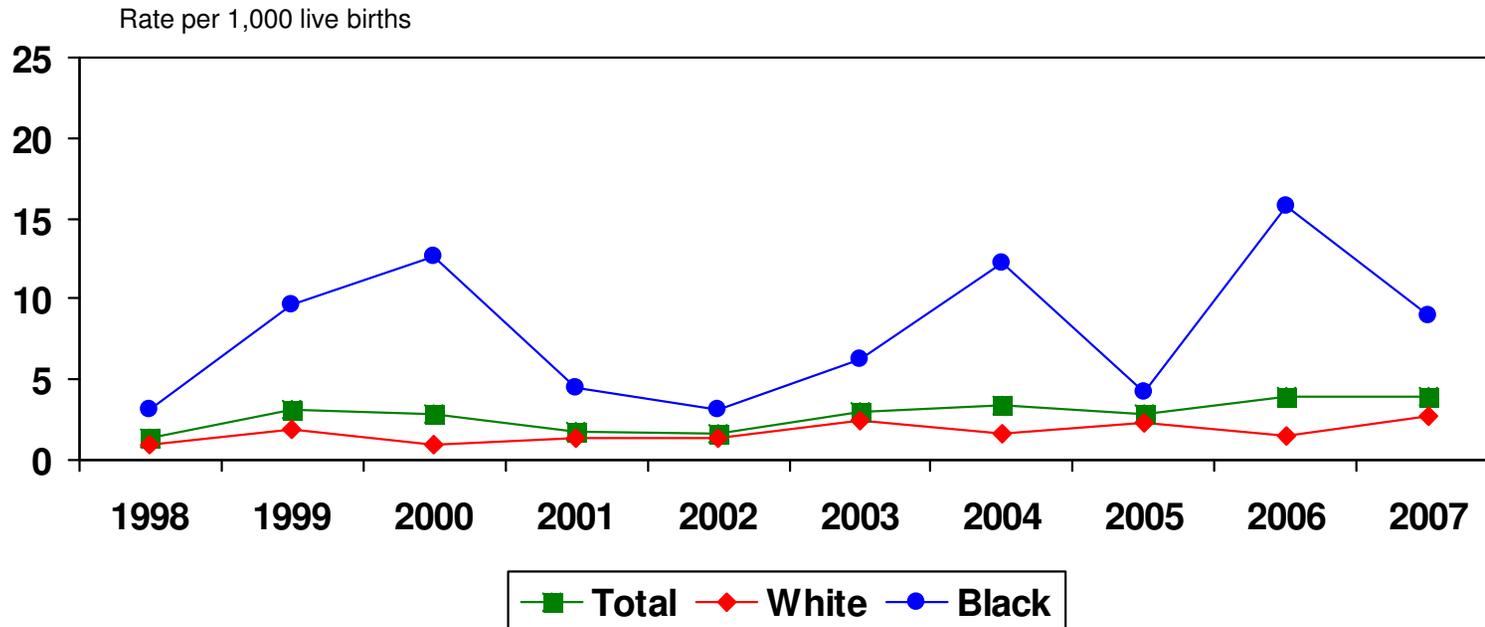


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	2.3	3.6	3.0	3.0	2.6	3.1	3.0	2.7	2.7	2.7
White	1.8*	2.8	2.2	2.3	1.8*	2.5	2.2	2.4	2.0	2.2
Black	3.2*	5.9	5.0	4.9	5.0	4.7*	5.3	3.9*	4.5	4.1*

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

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

Postneonatal Mortality Rates by Race St. Joseph County Residents, 1998-2007

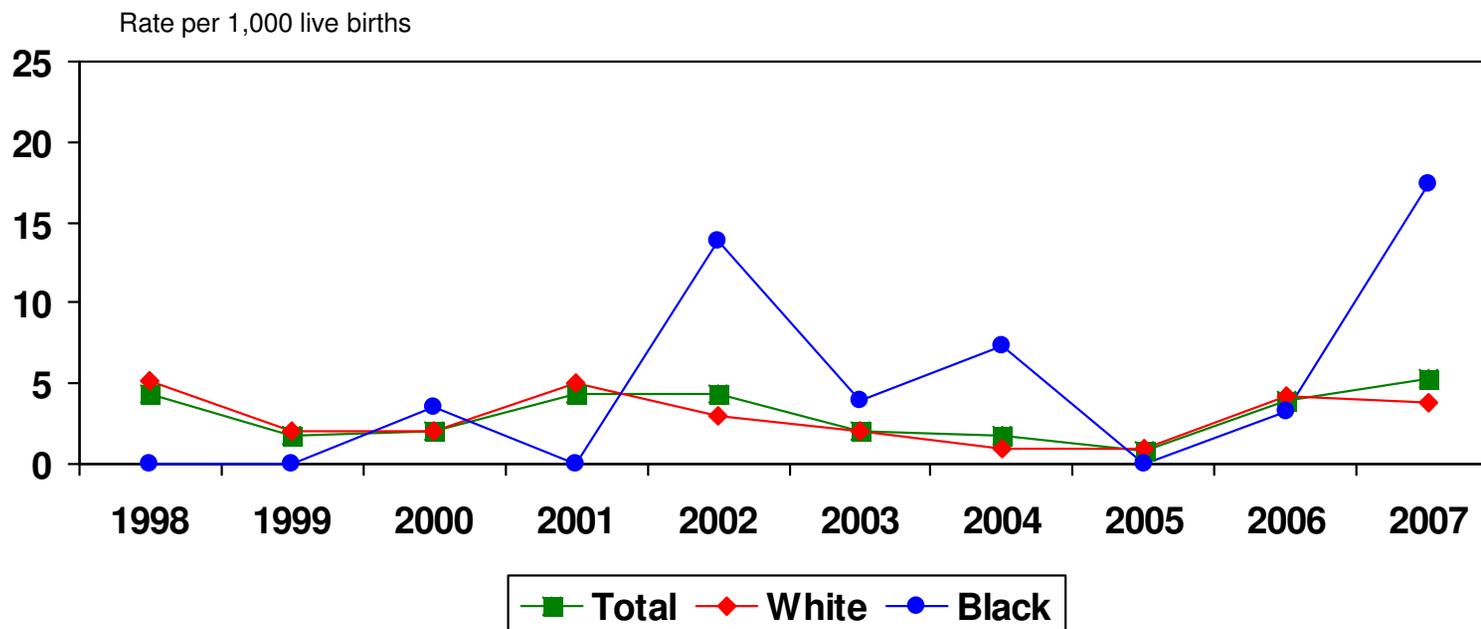


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	1.3*	3.1*	2.8*	1.8*	1.6*	3.0*	3.4*	2.9*	4.0*	4.0*
White	0.9*	1.9*	0.9*	1.3*	1.3*	2.4*	1.6*	2.3*	1.5*	2.7*
Black	3.1*	9.7*	12.7*	4.5*	3.1*	6.3*	12.2*	4.2*	15.8*	8.9*

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

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

Postneonatal Mortality Rates by Race Vanderburgh County Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	4.4*	1.8*	2.1*	4.4*	4.4*	2.1*	1.7*	0.8*	4.0*	5.3*
White	5.1*	2.0*	2.0*	5.1*	3.0*	2.0*	1.0*	1.0*	4.2*	3.8*
Black	0.0*	0.0*	3.5*	0.0*	13.7*	4.0*	7.4*	0.0*	3.3*	17.4*

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

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

**Postneonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1998-2007**

	1998		1999		2000		2001		2002		2003		2004		2005		2006		2007	
	Number	Rate																		
INDIANA	207	2.4	230	2.7	222	2.5	238	2.8	208	2.5	224	2.6	230	2.6	224	2.6	269	3.0	249	2.8
White	152	2.0	171	2.3	153	2.0	184	2.5	150	2.0	170	2.3	168	2.2	176	2.3	199	2.6	186	2.4
Black	49	5.3	58	6.3	62	6.6	51	5.4	53	5.7	50	5.4	59	6.2	43	4.4	62	6.0	57	5.5
Ratio		2.7		2.7		3.3		2.2		2.9		2.3		2.8		1.9		2.3		2.3
ALL RACES	100	2.8	110	3.1	109	2.9	112	3.1	94	2.7	102	2.8	106	2.7	104	2.7	131	3.7	115	3.4
Allen	14	2.8	13	2.6	12	2.3	12	2.2	13	2.5	16	3.1	10	1.9	15	2.8	20	3.6	13	2.4
Elkhart	10	3.3	11	3.5	12	3.6	9	2.9	7	2.3	11	3.4	8	2.5	11	3.2	14	3.9	9	2.5
Lake	29	4.1	19	2.7	25	3.6	31	4.5	20	2.9	13	1.9	26	3.7	25	3.6	29	4.2	23	3.4
Marion	32	2.3	51	3.6	44	3.0	43	3.0	38	2.6	46	3.1	45	3.0	40	2.7	42	2.7	42	2.7
St. Joseph	5	1.3	12	3.1	11	2.8	7	1.8	6	1.6	11	3.0	13	3.4	11	2.9	16	4.0	15	4.0
Vanderburgh	10	4.4	4	1.8	5	2.1	10	4.4	10	4.4	5	2.1	4	1.7	2	0.8	10	4.0	13	5.3
WHITE	55	2.1	62	2.3	53	2.0	69	2.8	50	2.0	59	2.1	57	1.9	65	2.3	73	2.8	62	2.4
Allen	7	1.7	10	2.4	8	1.8	9	2.0	8	1.8	11	2.5	8	1.8	11	2.5	13	2.9	7	1.6
Elkhart	7	2.6	9	3.1	12	3.9	7	2.4	6	2.2	6	2.0	6	2.0	8	2.5	10	3.1	7	2.2
Lake	10	2.1	5	1.1	4	0.9	16	3.5	8	1.8	5	1.1	13	2.8	13	2.9	15	3.3	9	2.0
Marion	18	1.8	28	2.8	22	2.2	23	2.3	18	1.8	26	2.5	23	2.2	24	2.4	21	2.0	23	2.2
St. Joseph	3	0.9	6	1.9	3	0.9	4	1.3	4	1.3	7	2.4	5	1.6	7	2.3	5	1.5	8	2.7
Vanderburgh	10	5.1	4	2.0	4	2.0	10	5.1	6	3.0	4	2.0	2	1.0	2	1.0	9	4.2	8	3.8
BLACK	41	5.1	48	6.0	52	5.5	41	4.0	42	6.3	41	7.6	48	6.9	37	5.4	56	8.3	50	8.0
Allen	6	7.9	3	4.2	2	2.7	2	2.5	4	5.7	5	6.8	1	1.3	4	5.2	7	8.1	6	6.8
Elkhart	3	13.9	2	9.5	0	0.0	1	5.4	1	5.0	4	20.2	2	9.2	3	14.0	3	12.0	1	4.0
Lake	18	7.7	14	6.1	21	9.3	15	6.7	11	5.1	8	3.6	13	5.9	11	4.9	14	6.2	14	6.5
Marion	12	3.2	23	5.9	20	5.0	20	4.9	20	5.0	19	4.7	22	5.3	16	3.9	20	4.5	18	4.1
St. Joseph	2	3.1	6	9.7	8	12.7	3	4.5	2	3.1	4	6.3	8	12.2	3	4.2	11	15.8	6	8.9
Vanderburgh	0	0.0	0	0.0	1	3.5	0	0.0	4	13.7	1	4.0	2	7.4	0	0.0	1	3.3	5	17.4
RATIO																				
Allen		4.6		1.8		1.5		1.3		3.2		2.7		0.7		2.1		2.8		4.3
Elkhart		5.3		3.1		0.0		2.3		2.3		10.1		4.6		5.6		3.9		1.8
Lake		3.7		5.5		10.9		1.9		2.8		3.3		2.1		1.7		1.9		3.3
Marion		1.8		2.1		2.3		2.1		2.8		1.9		2.4		1.6		2.3		1.9
St. Joseph		3.4		5.1		13.7		3.5		2.4		2.6		7.6		1.8		10.5		3.3
Vanderburgh		0.0		0.0		1.8		0.0		4.6		2.0		7.4		0.0		0.8		4.6

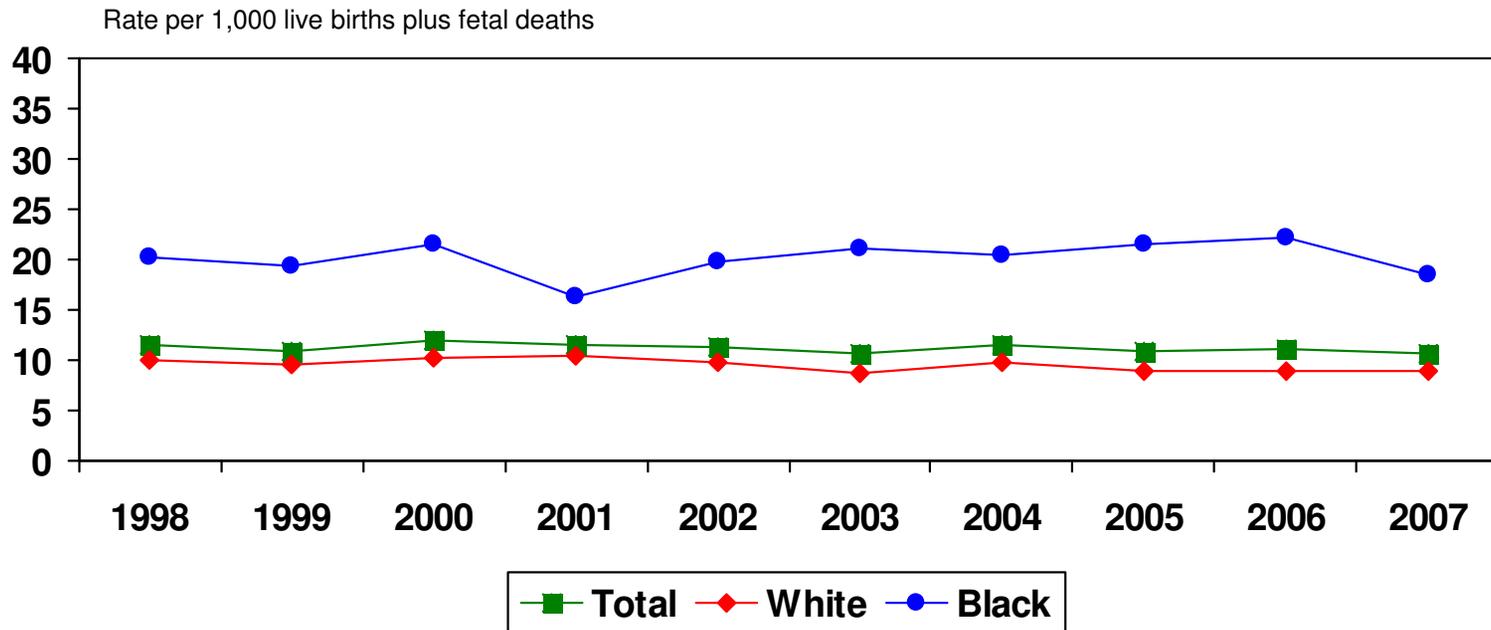
Rate per 1,000 live births.

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, 2011

Perinatal Mortality Rates by Race

Indiana Residents, 1998-2007

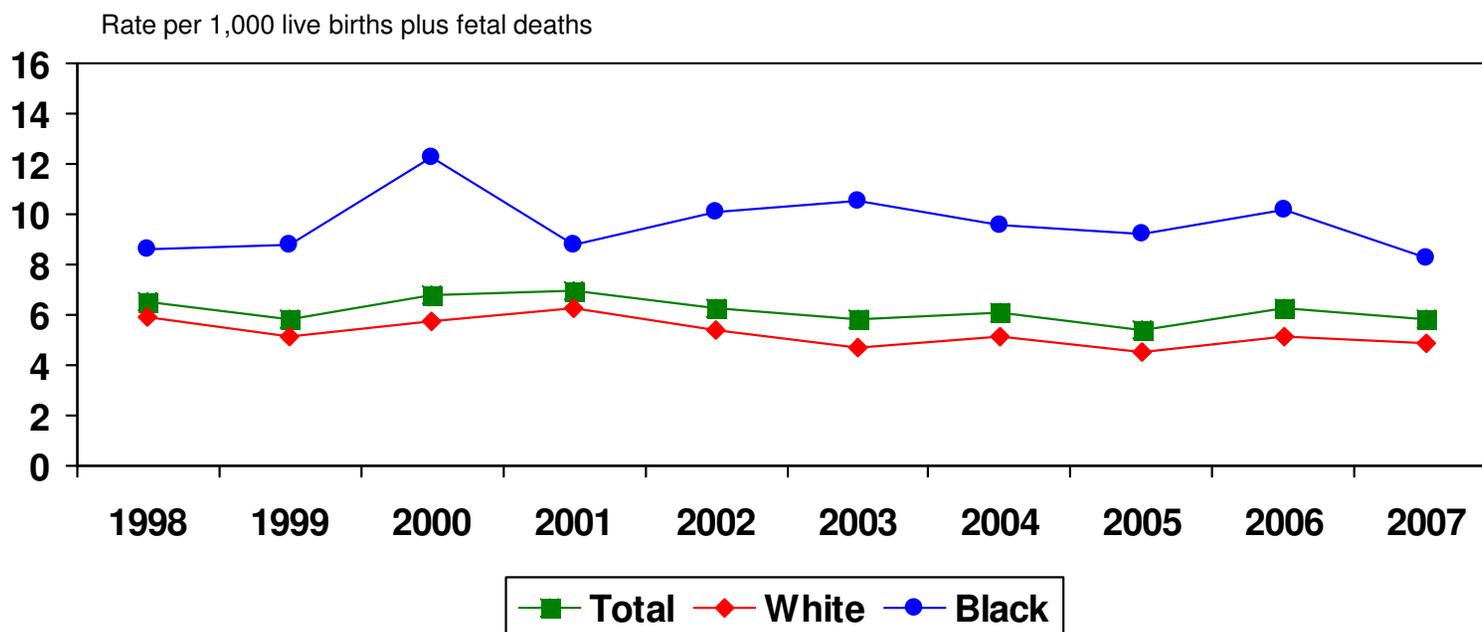


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	11.5	10.9	11.9	11.5	11.4	10.6	11.5	10.8	11.1	10.6
White	10.1	9.6	10.3	10.4	9.8	8.7	9.8	9.0	8.9	8.9
Black	20.3	19.4	21.5	16.3	19.8	21.0	20.5	21.6	22.2	18.4

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

Fetal Mortality Rates by Race

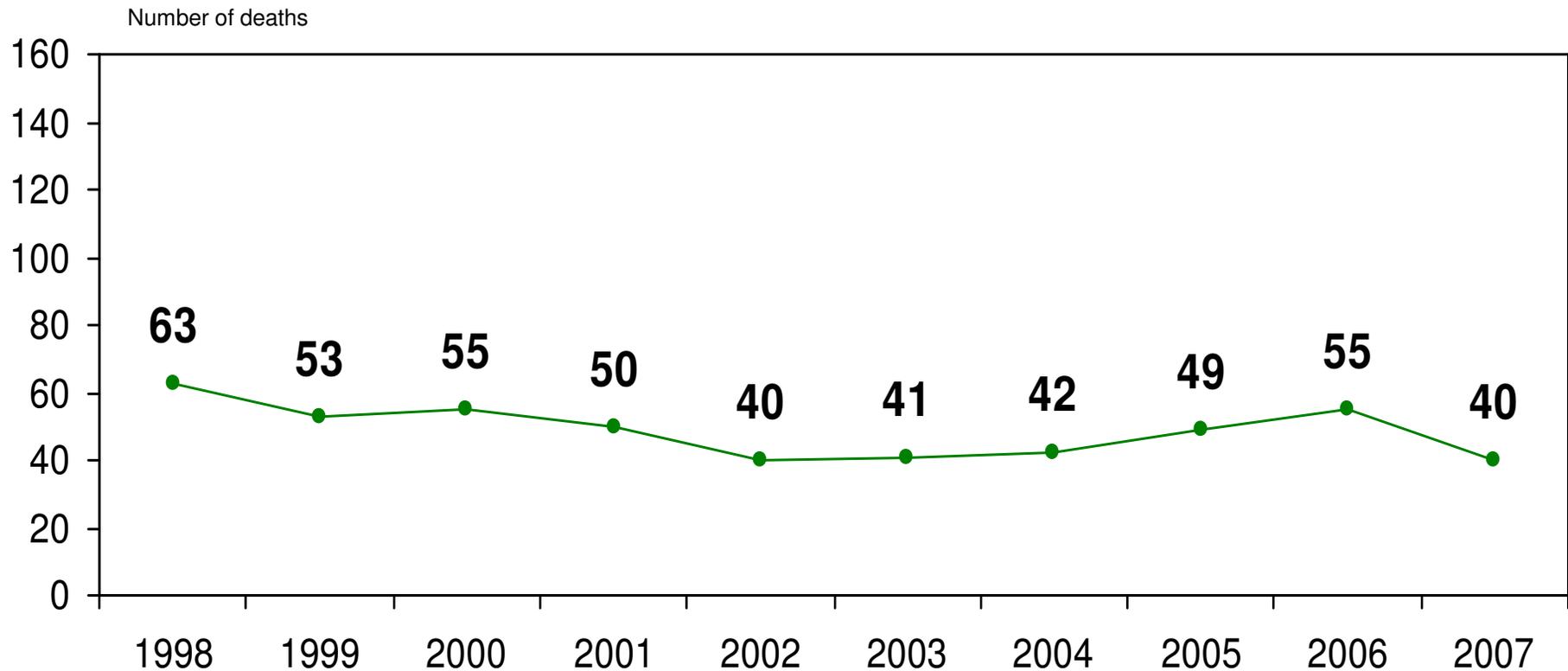
Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	6.5	5.8	6.8	7.0	6.3	5.8	6.1	5.4	6.3	5.8
White	5.9	5.1	5.7	6.3	5.4	4.7	5.1	4.5	5.1	4.9
Black	8.6	8.8	12.3	8.8	10.1	10.5	9.6	9.2	10.2	8.3

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

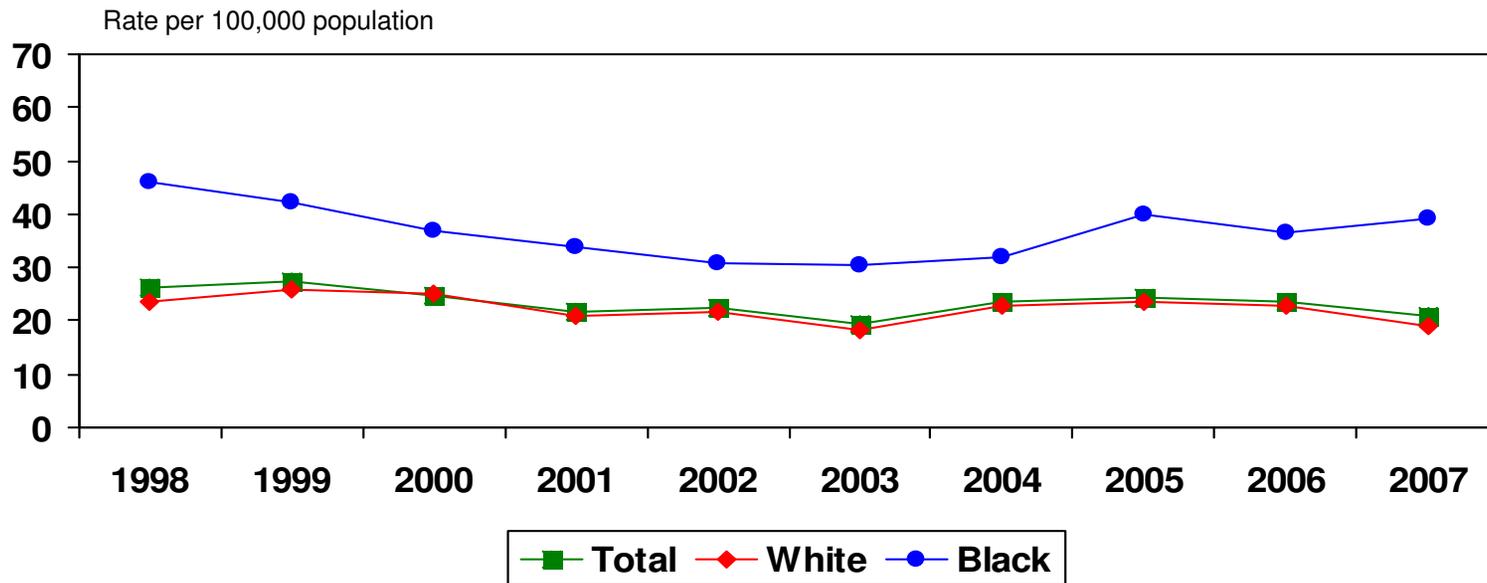
Number of SIDS* Deaths Indiana Residents, 1998-2007 All Races



*Sudden Infant Death Syndrome

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

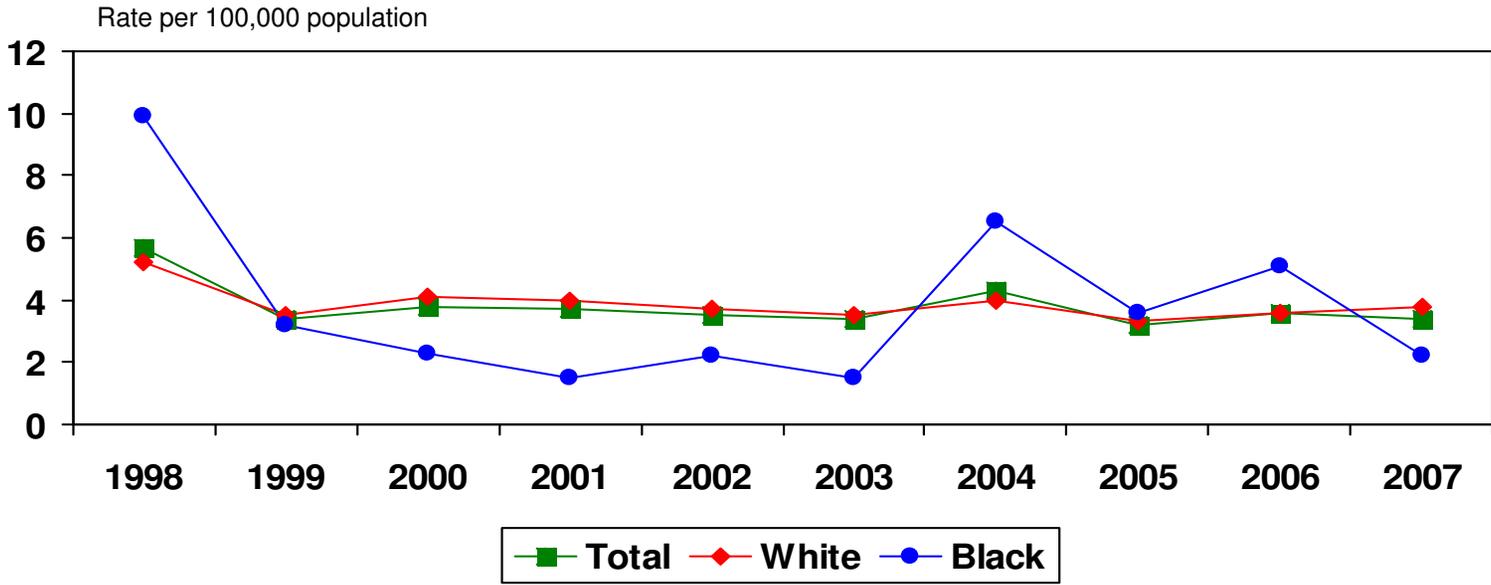
Mortality Rates for Youths Aged 1-14 Years, by Race Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	26.2	27.5	24.9	21.8	22.4	19.3	23.5	24.5	23.7	21.0
White	23.4	25.9	25.0	21.1	21.6	18.3	22.7	23.5	22.7	19.0
Black	46.0	42.1	37.0	34.0	30.9	30.3	31.9	40.1	36.6	39.1

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

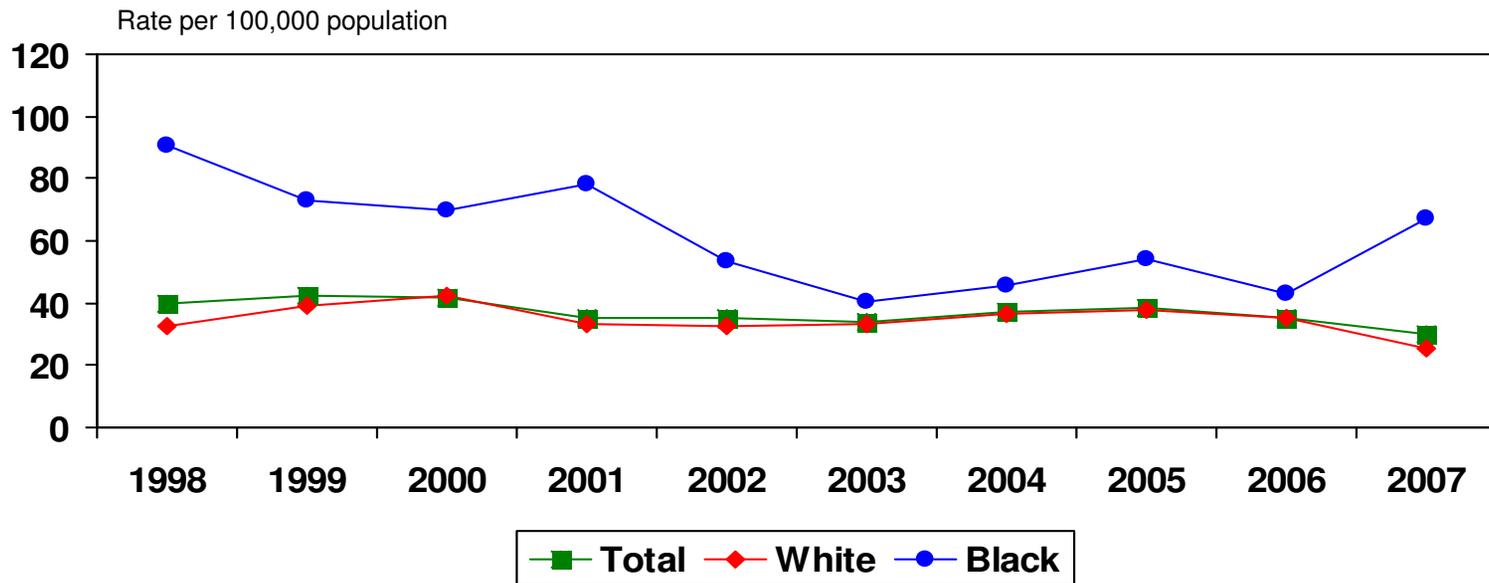
Motor Vehicle Injury Mortality Rates Among Youths Aged 1-14 Years, by Race Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	5.7	3.4	3.8	3.7	3.5	3.4	4.3	3.2	3.6	3.4
White	5.2	3.5	4.1	4.0	3.7	3.5	4.0	3.3	3.6	3.8
Black	9.9*	3.2*	2.3*	1.5*	2.2*	1.5*	6.5*	3.6*	5.1*	2.2*

*Numerator is less than 20, and the rate is unstable.
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2011

Mortality Rates for Youths Aged 1-4 Years, by Race Indiana Residents, 1998-2007

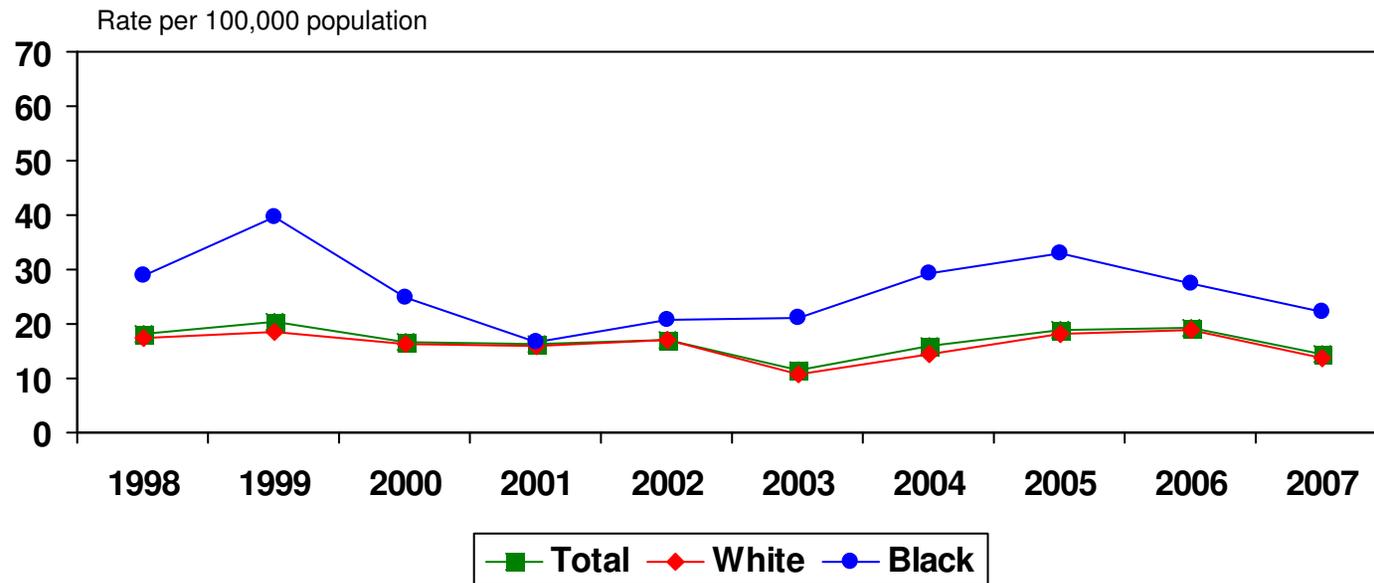


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	39.5	42.6	41.9	35.4	34.9	33.8	36.9	38.4	35.4	30.0
White	32.3	39.3	42.1	33.1	32.8	33.3	36.6	38.0	35.1	25.7
Black	90.4	73.0	69.7	78.0	53.4	40.4*	45.4*	54.1	43.3*	67.2

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

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

Mortality Rates for Youths Aged 5-9 Years, by Race Indiana Residents, 1998-2007

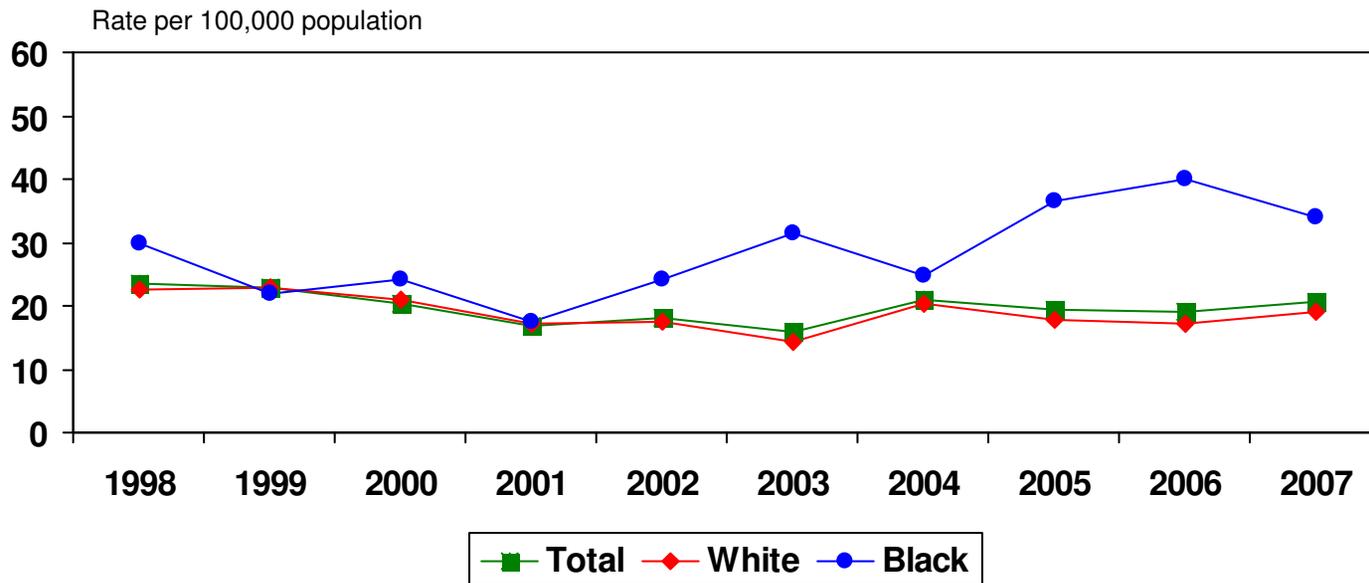


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	18.3	20.5	16.5	16.2	17.1	11.6	15.8	18.9	19.2	14.3
White	17.3	18.5	16.2	16.0	17.1	10.9	14.3	18.0	18.8	13.7
Black	28.8*	39.7*	25.0*	16.7*	20.8*	21.1*	29.1*	33.0*	27.3*	22.2*

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

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

Mortality Rates for Youths Aged 10-14 Years, by Race Indiana Residents, 1998-2007

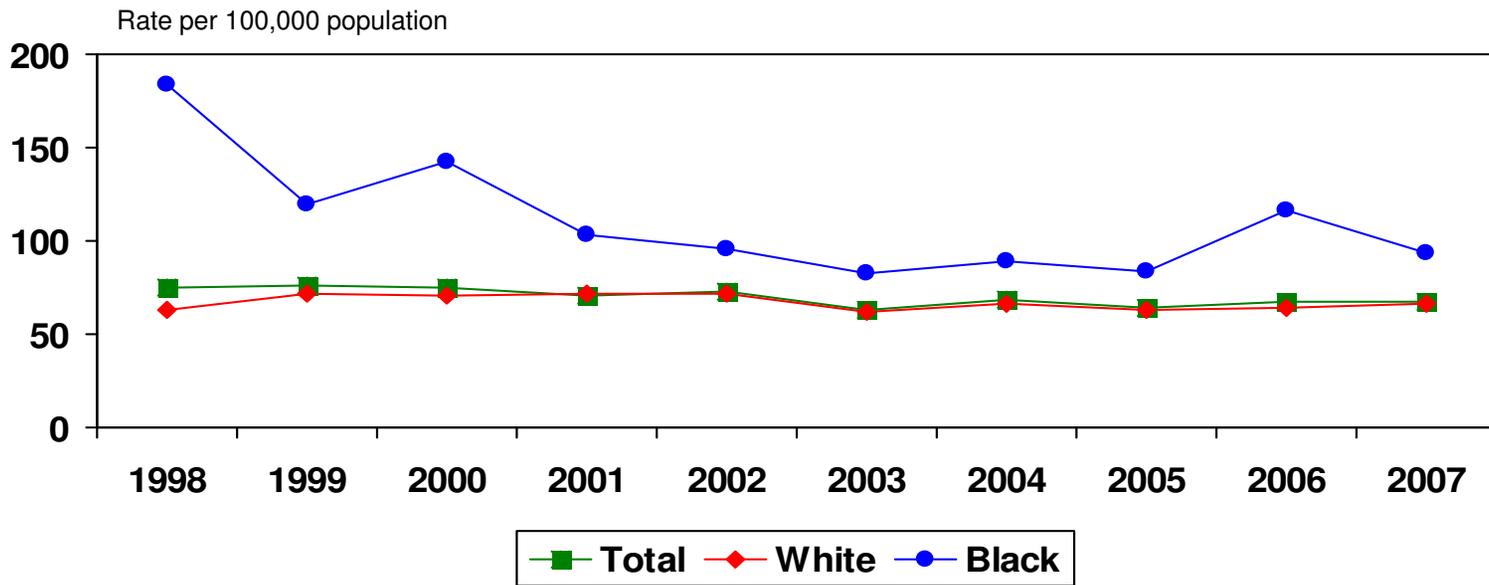


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	23.6	22.8	20.3	16.9	18.2	15.9	20.8	19.4	19.0	20.6
White	22.4	22.9	21.0	17.2	17.6	14.2	20.4	17.9	17.0	18.9
Black	29.9*	22.0*	24.1*	17.5*	24.0*	31.5*	24.9*	36.6*	40.1	34.1*

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

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

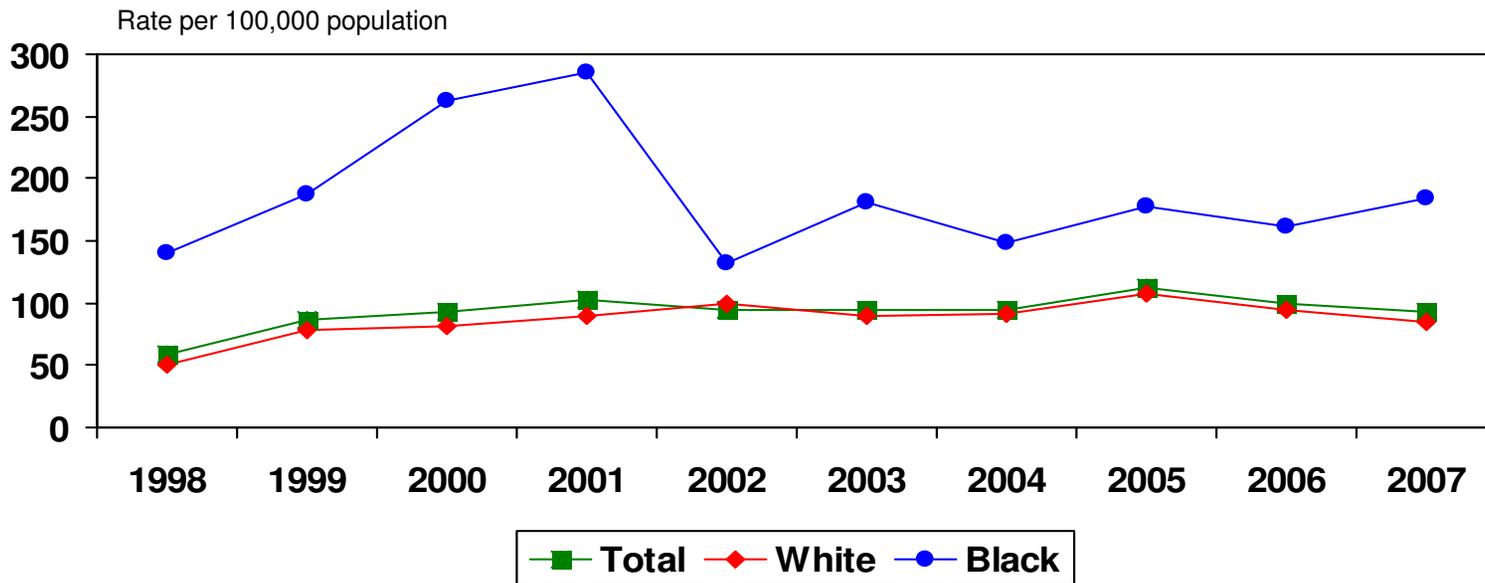
Mortality Rates for Youths Aged 15-19 Years, by Race Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	74.7	75.7	75.0	71.0	73.1	62.6	68.5	64.4	67.9	67.6
White	63.0	71.8	71.0	71.2	71.2	61.6	66.6	63.0	63.9	66.0
Black	183.8	120.0	142.5	103.4	95.5	82.5	89.1	83.6	116.5	93.5

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

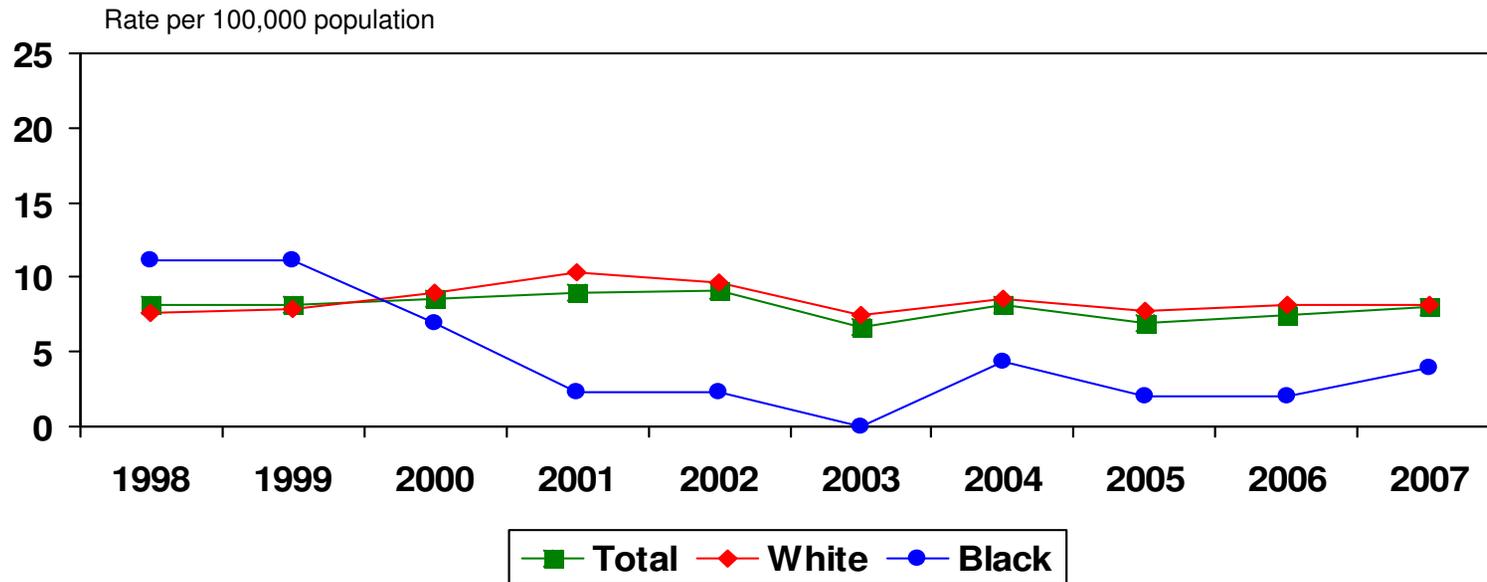
Mortality Rates for Young Adults Aged 20-21 Years, by Race Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	58.8	86.9	93.6	102.8	95.0	94.6	95.0	112.6	100.1	92.6
White	49.8	77.8	81.3	89.0	98.7	89.0	91.0	108.0	95.2	85.2
Black	140.7	188.3	262.6	286.0	131.5	180.3	148.4	177.3	161.2	183.9

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

Suicide Mortality Rates Among Youths Aged 15-19 Years, by Race Indiana Residents, 1998-2007

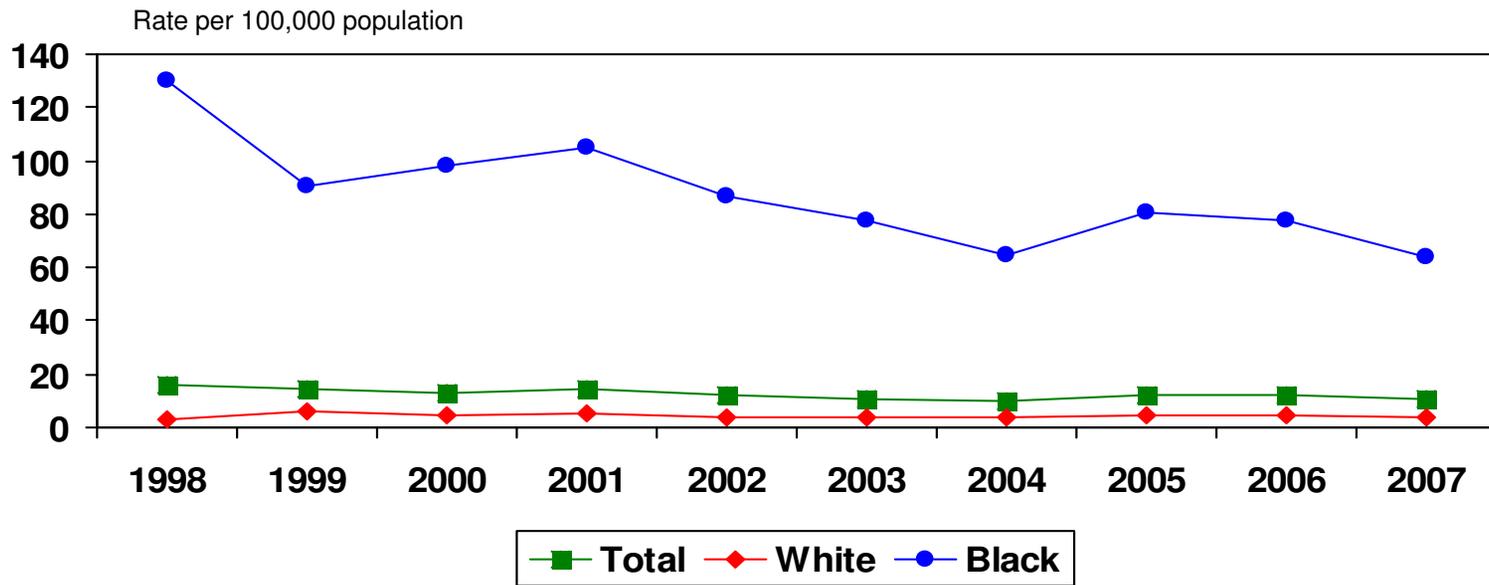


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	8.1	8.1	8.6	9.0	9.1	6.6	8.1	6.9	7.5	8.0
White	7.6	7.9	9.0	10.3	9.6	7.5	8.5	7.7	8.2	8.2
Black	11.2*	11.1*	6.9*	2.3*	2.3*	0.0*	4.3*	2.1*	2.0*	4.0*

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

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

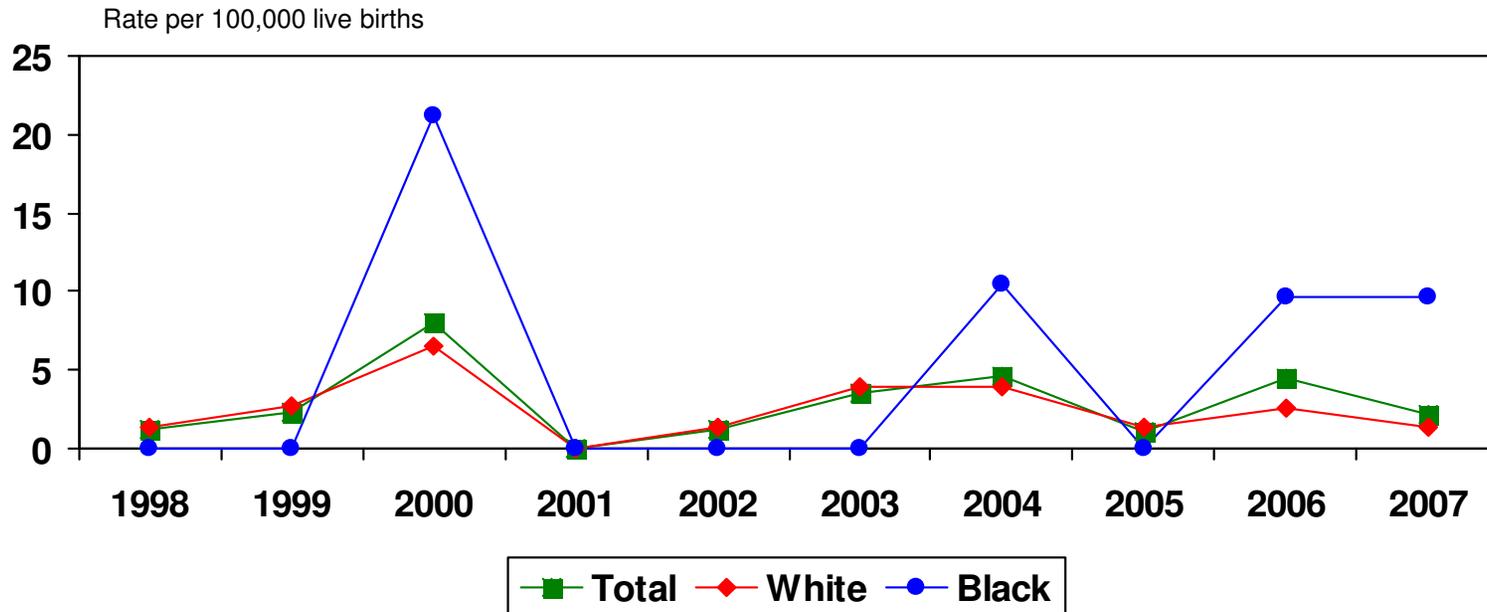
Homicide Mortality Rates Among Those Aged 15-24 Years, by Race Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	16.0	14.1	12.9	14.7	12.1	10.6	10.1	12.3	12.0	10.4
White	3.4	5.9	4.2	5.5	4.1	3.6	4.1	4.2	4.5	4.1
Black	130.4	90.5	98.1	105.2	86.7	77.9	64.4	80.9	77.3	64.0

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

Maternal Mortality Rates by Race Indiana Residents, 1998-2007

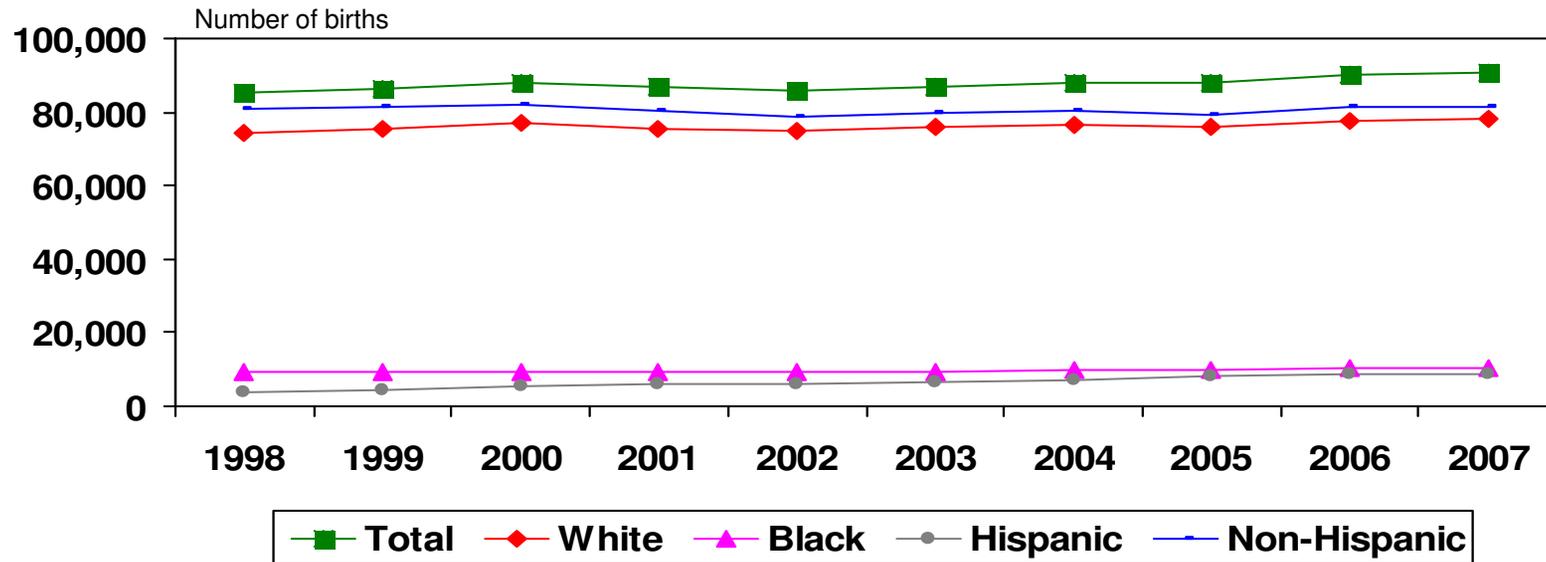


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	1.2*	2.3*	8.0*	0.0*	1.2*	3.5*	4.6*	1.1*	4.5*	2.2*
White	1.3*	2.7*	6.5*	0.0*	1.4*	4.0*	4.0*	1.3*	2.6*	1.3*
Black	0.0*	0.0*	21.2*	0.0*	0.0*	0.0*	10.4*	0.0*	9.6*	9.7*

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

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

Number of Occurrent Live Births* by Race and Ethnicity Indiana, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	85,151	86,194	87,948	86,718	85,533	87,128	87,961	87,864	90,120	90,586
White	74,439	75,457	76,974	75,626	74,646	76,143	76,451	76,186	77,763	77,975
Black	9,242	9,263	9,432	9,536	9,300	9,329	9,658	9,882	10,451	10,371
Hispanic	3,827	4,434	5,512	5,913	6,206	6,821	7,322	8,125	8,567	8,858
Non-Hispanic	80,999	81,385	82,088	80,402	78,953	79,911	80,257	79,375	81,359	81,596

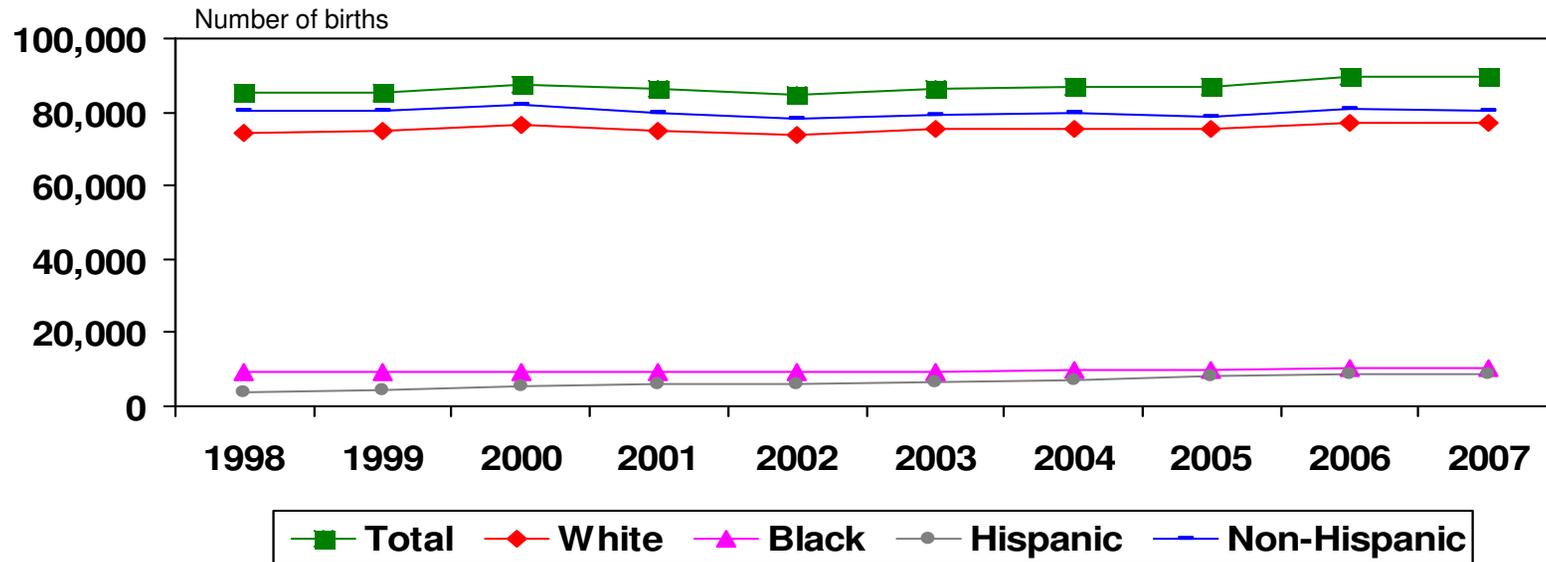
*Live births occurring in Indiana regardless of mother's state of residence.

Notes: Hispanic ethnicity can be of any race.

Some updates have been made to the 2000 and 2001 data.

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

Number of Resident Live Births* by Race and Ethnicity Indiana, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	89,404	89,719
White	74,374	74,787	76,753	75,056	74,013	75,422	75,680	75,464	77,096	77,171
Black	9,216	9,244	9,421	9,531	9,243	9,288	9,582	9,820	10,396	10,303
Hispanic	3,781	4,383	5,427	5,865	6,145	6,763	7,237	8,026	8,488	8,785
Non-Hispanic	80,234	80,467	81,947	79,883	78,346	79,261	79,537	78,723	80,727	80,769

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

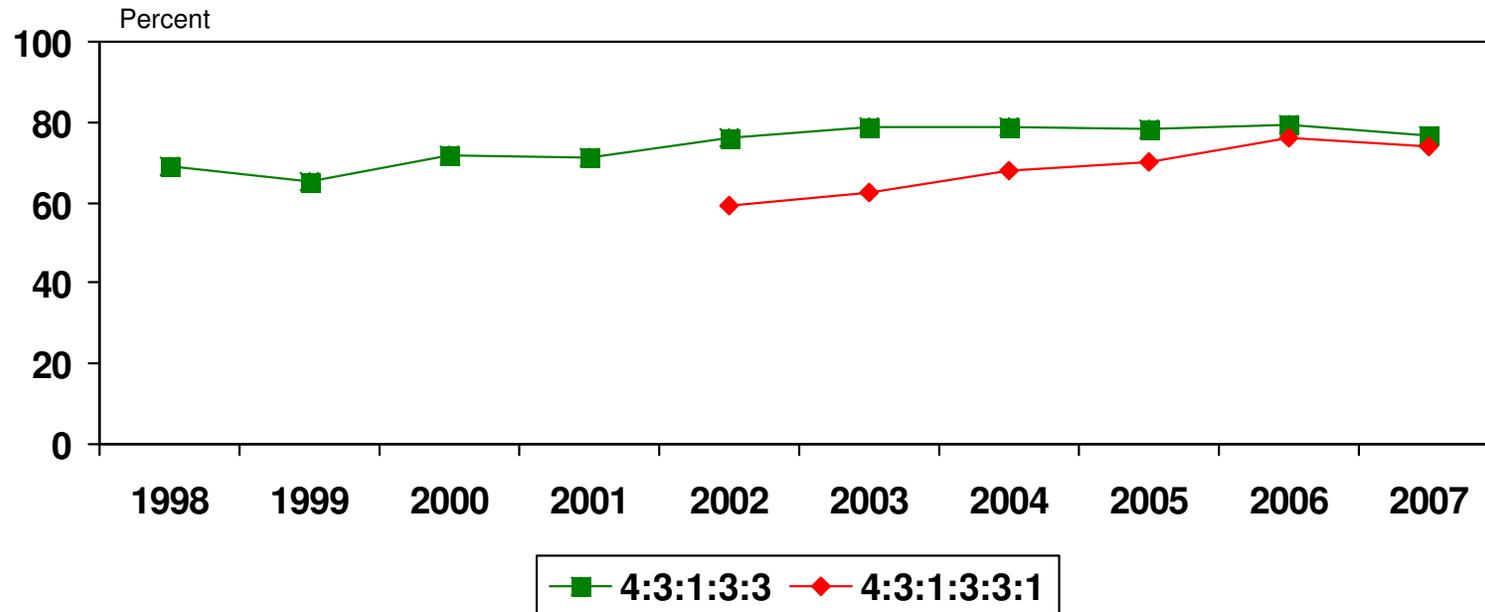
Note: Hispanic ethnicity can be of any race.

Some updates have been made to the 1998 data.

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

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

National Immunization Survey, CDC 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
4:3:1:3:3	68.8	65.3	72.0	71.1	76.0	79.0	79.0	78.1	79.6	76.8
4:3:1:3:3:1	n/a	n/a	n/a	n/a	59.4	62.3	68.2	69.9	75.9	74.0

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

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

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

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

**Percent of Immunized 2-Year-Old* Children in Indiana
Who Received the 4:3:1:3:3 Series of Immunizations
National Immunization Survey, CDC
1998-2007**

	Statewide	Indianapolis / Marion County	Balance of State
January 2007-December 2007	77%	73%	78%
January 2006-December 2006	80%	80%	80%
January 2005-December 2005	78%	n/a	n/a
January 2004-December 2004	79%	78%	79%
January 2003-December 2003	79%	75%	80%
January 2002-December 2002	76%	74%	76%
January 2001-December 2001	71%	69%	72%
January 2000-December 2000	72%	62%	74%
January 1999-December 1999	65%	64%	66%
January 1998-December 1998	69%	68%	69%

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

Note: The 4:3:1:3:3 series is four or more doses of DTP, three or more doses of poliovirus vaccine, one or more doses of any MCV, three or more doses of Hib, and three or more doses of HepB. (DTP is Diphtheria, Tetanus, and Pertussis. MCV is Measles-containing vaccine. Hib is Haemophilus influenzae type b. HepB is hepatitis B vaccine.)

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

**Percent of Immunized 2-Year-Old* Children in Indiana
Who Received the 4:3:1:3:3:1 Series of Immunizations
National Immunization Survey, CDC
2002-2007**

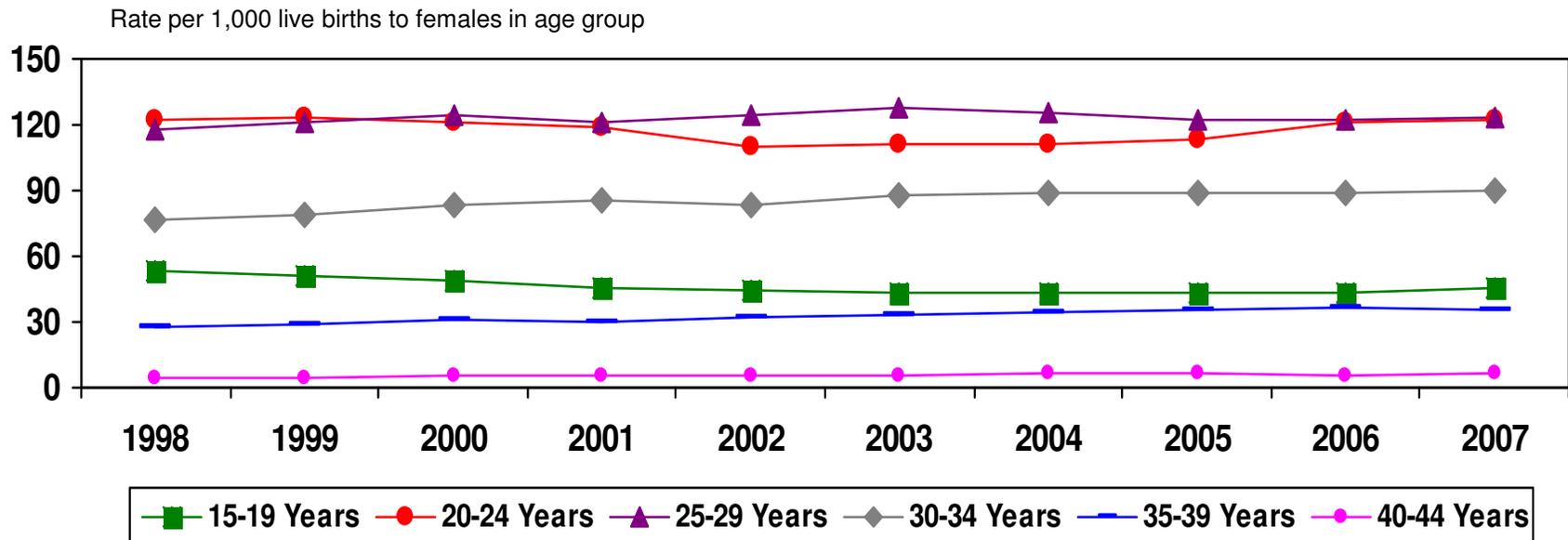
	Statewide	Indianapolis / Marion County	Balance of State
January 2007-December 2007	74%	71%	75%
January 2006-December 2006	76%	77%	76%
January 2005-December 2005	70%	n/a	n/a
January 2004-December 2004	68%	74%	67%
January 2003-December 2003	62%	66%	62%
January 2002-December 2002	59%	62%	59%

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

Note: The 4:3:1:3:3:1 series is four or more doses of DTP, three or more doses of poliovirus vaccine, one or more doses of any MCV, three or more doses of Hib, three or more doses of HepB, and one or more doses of varicella. (DTP is Diphtheria, Tetanus, and Pertussis. MCV is Measles-containing vaccine. Hib is Haemophilus influenzae type b. HepB is hepatitis B vaccine. Varicella is chickenpox vaccine.)

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

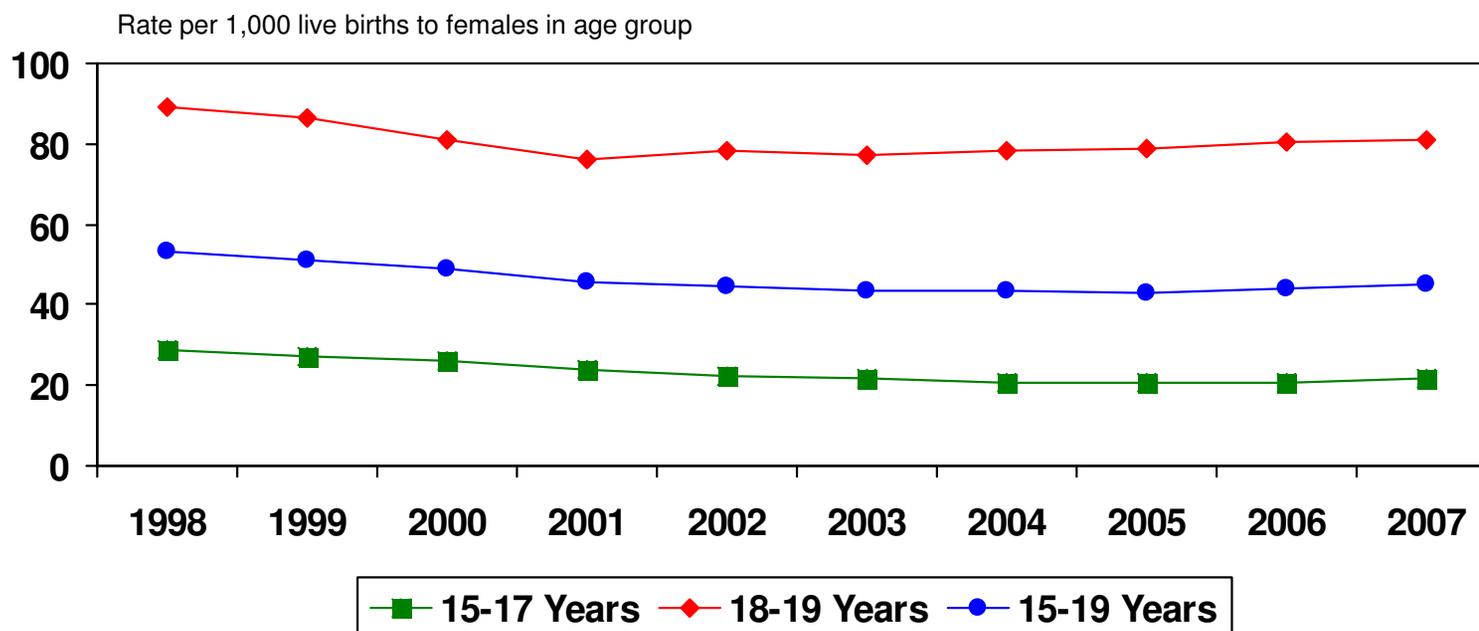
Age-Specific Birth Rates by Age Group for Females Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
15-19 Years	53.2	51.3	49.1	45.7	44.5	43.4	43.5	43.2	43.8	45.1
20-24 Years	122.4	123.2	121.5	119.3	110.5	110.8	111.5	113.7	121.0	122.3
25-29 Years	117.4	120.7	124.1	121.3	124.9	127.7	125.4	122.7	122.5	123.3
30-34 Years	76.8	78.5	82.9	85.1	83.4	88.1	88.9	89.1	88.8	89.6
35-39 Years	27.8	29.1	30.9	30.0	32.0	33.4	35.0	35.3	36.6	35.5
40-44 Years	5.0	4.9	5.6	5.5	5.7	6.0	6.6	6.4	6.1	6.4

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

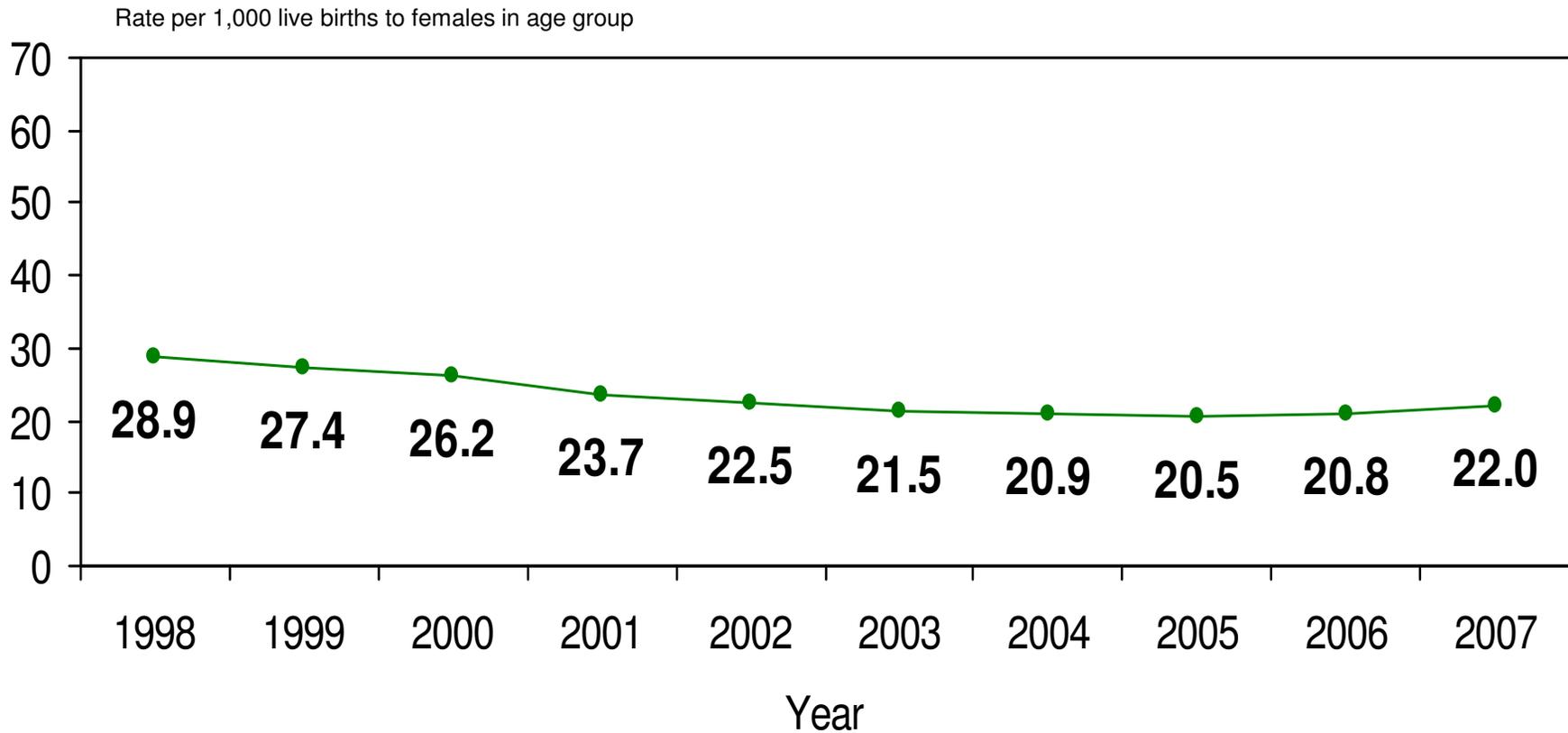
Age-Specific Birth Rates by Age Group for Teenage Females Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
15-17 Years	28.9	27.4	26.2	23.7	22.5	21.5	20.9	20.5	20.8	22.0
18-19 Years	89.4	86.3	80.8	76.1	78.3	77.2	78.1	78.8	80.3	81.2
15-19 Years	53.2	51.3	49.1	45.7	44.5	43.4	43.5	43.2	43.8	45.1

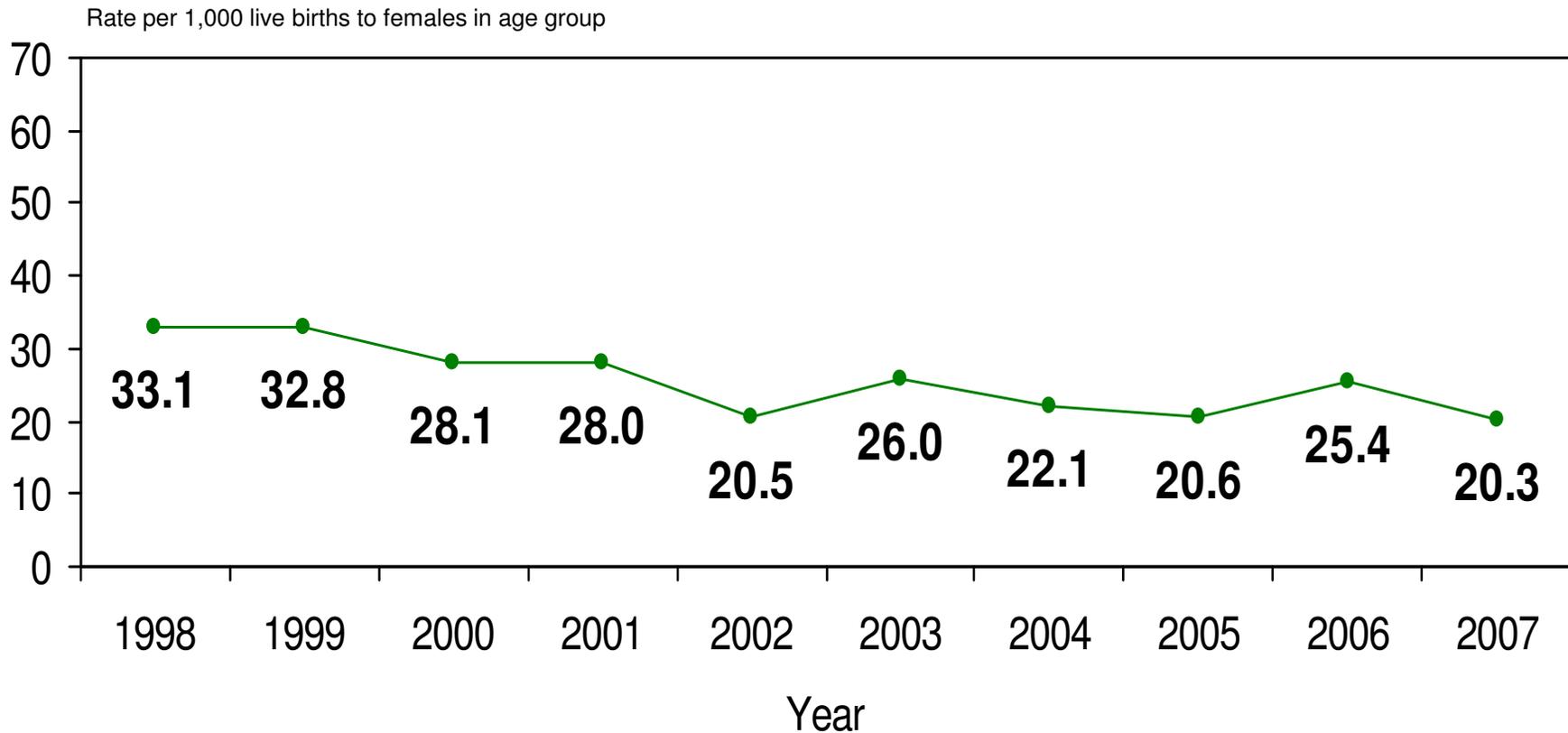
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2011

Age-Specific Birth Rates Females Aged 15-17 Years Indiana Residents, 1998-2007



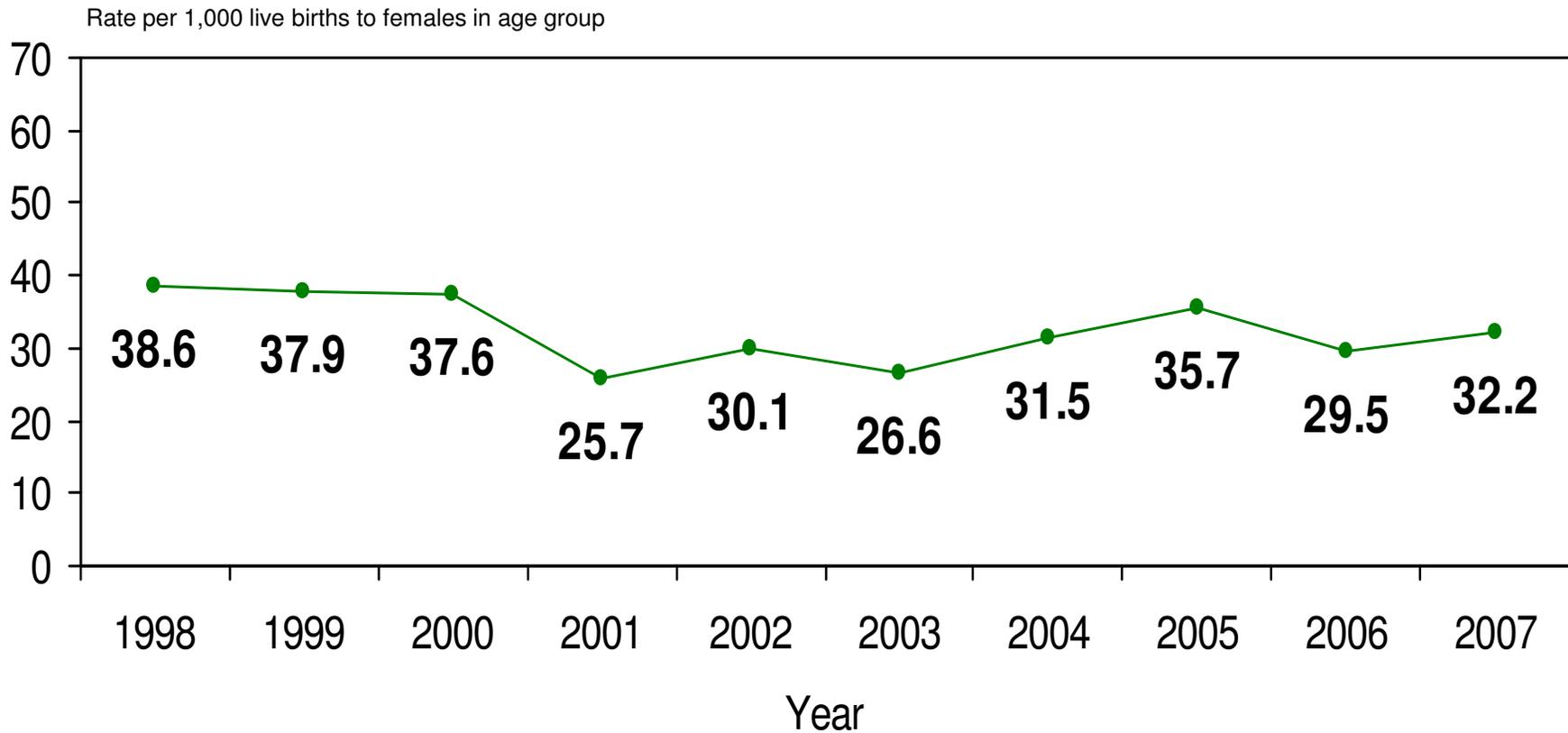
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2011

Age-Specific Birth Rates Females Aged 15-17 Years Allen County Residents, 1998-2007



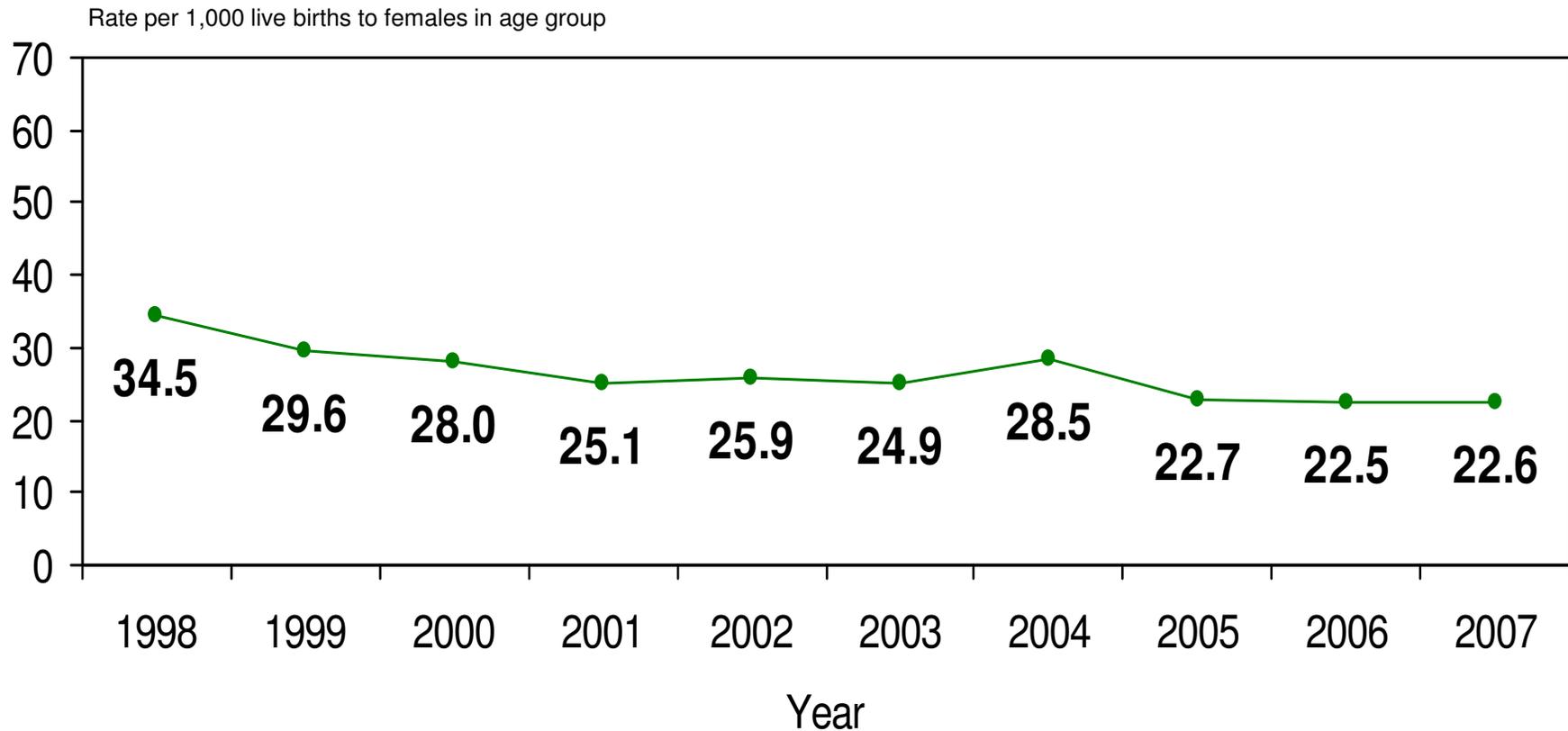
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2011

Age-Specific Birth Rates Females Aged 15-17 Years Elkhart County Residents, 1998-2007



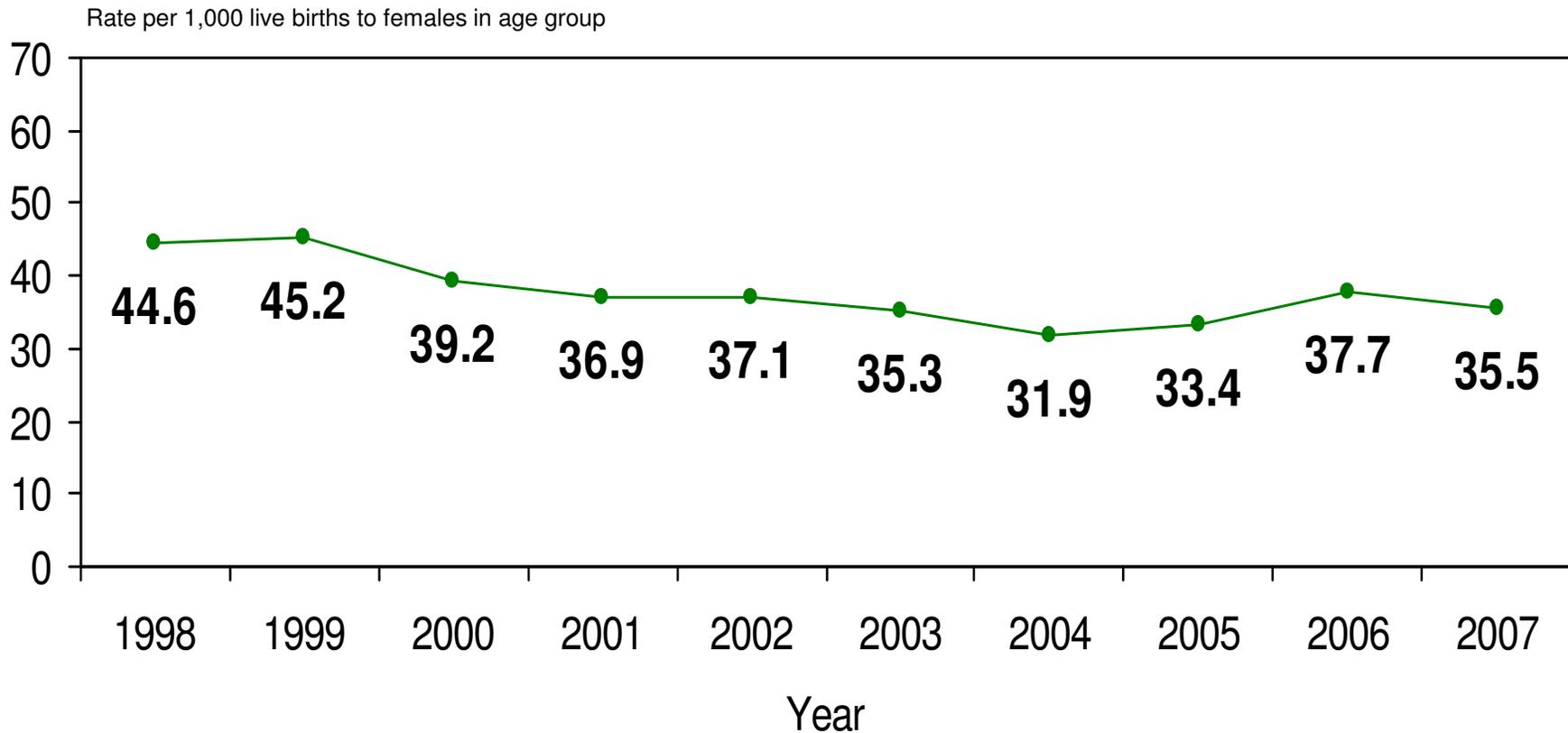
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2011

Age-Specific Birth Rates Females Aged 15-17 Years Lake County Residents, 1998-2007



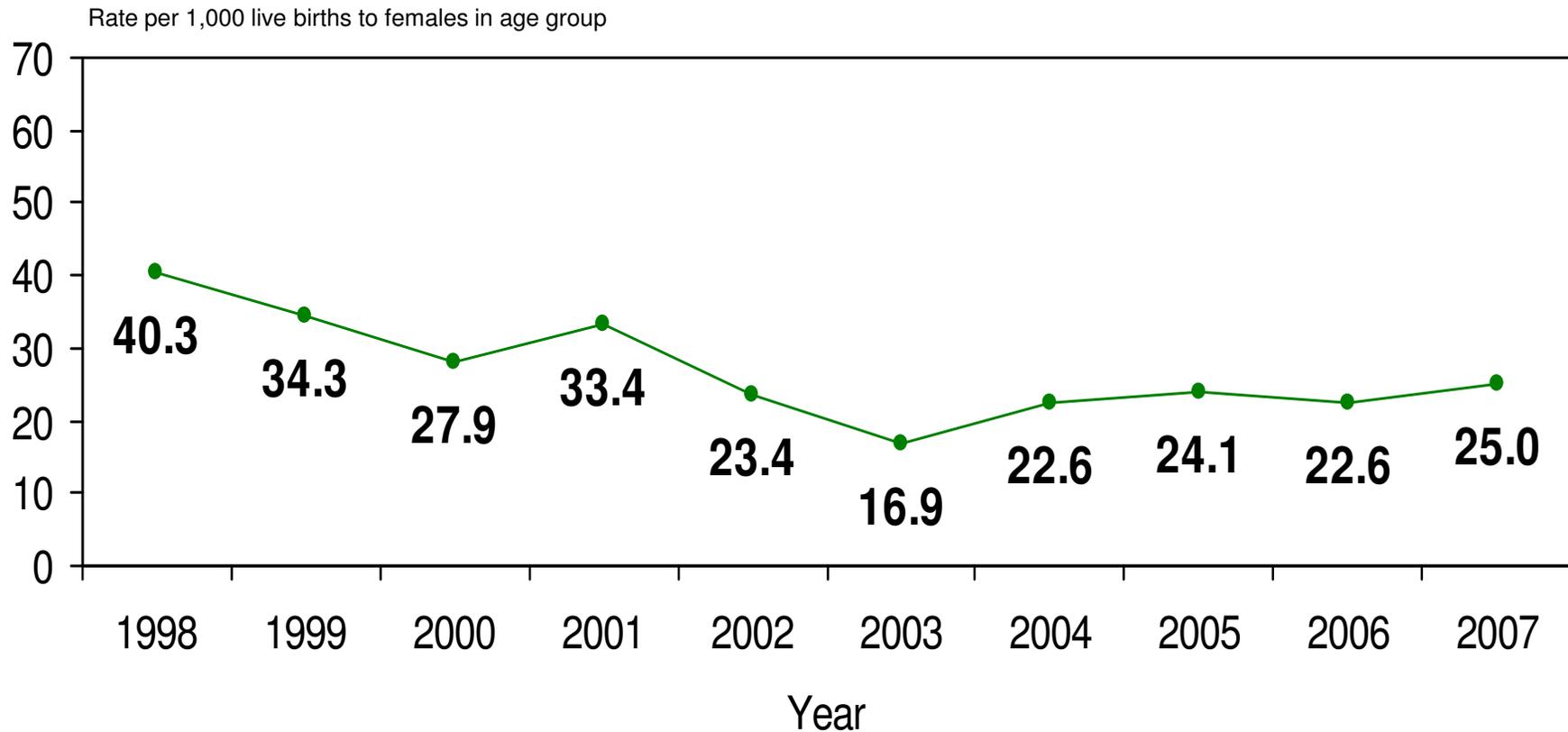
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2011

Age-Specific Birth Rates Females Aged 15-17 Years Marion County Residents, 1998-2007



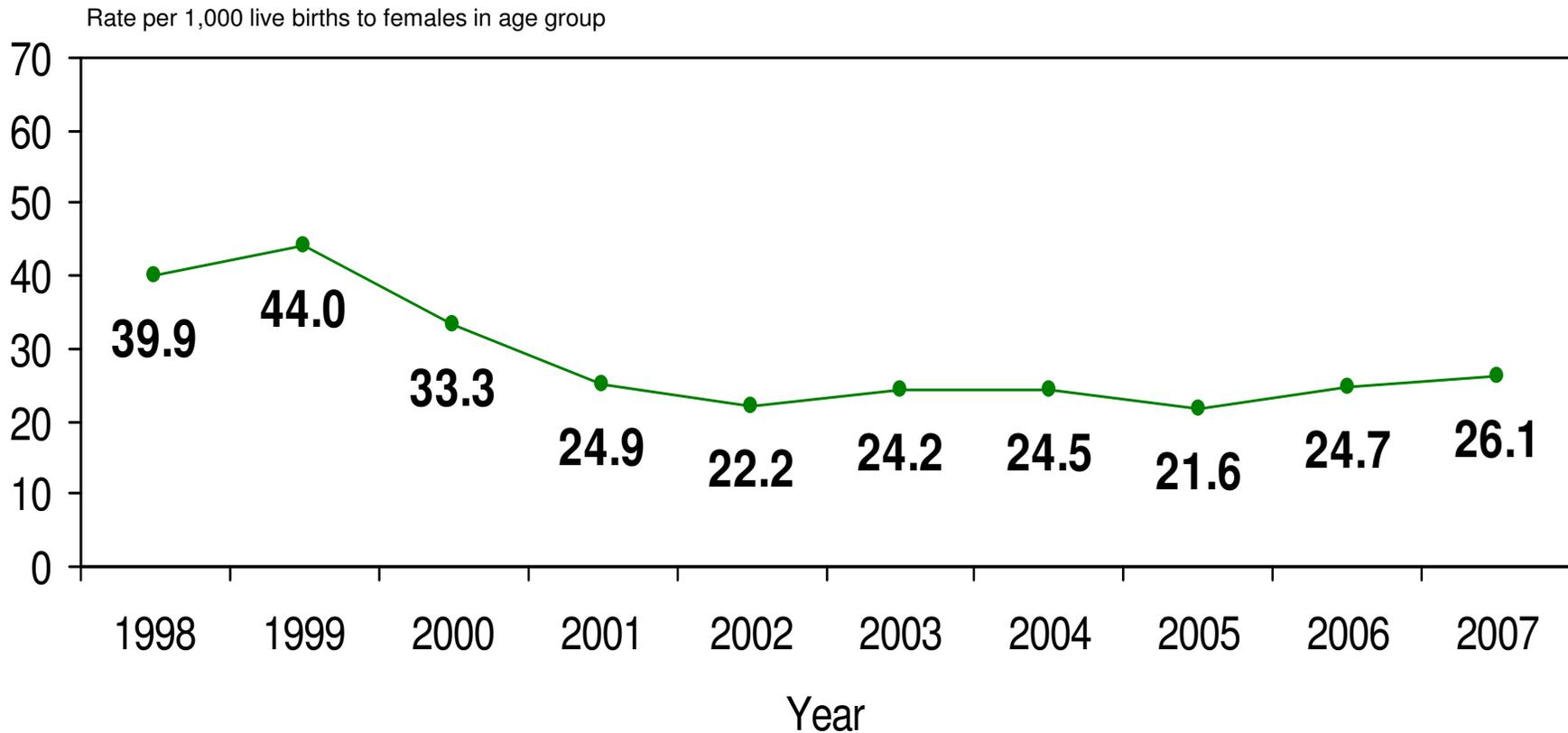
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2011

Age-Specific Birth Rates Females Aged 15-17 Years St. Joseph County Residents, 1998-2007



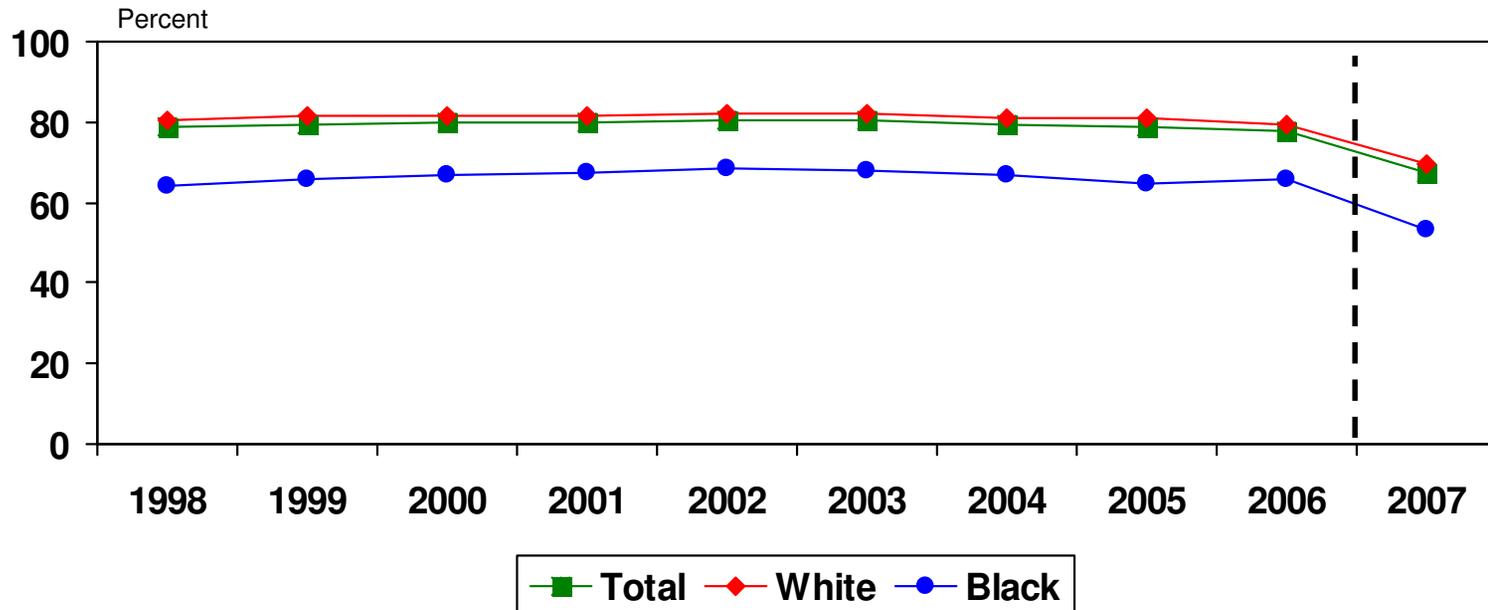
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2011

Age-Specific Birth Rates Females Aged 15-17 Years Vanderburgh County Residents, 1998-2007



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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Indiana Residents, 1998-2007



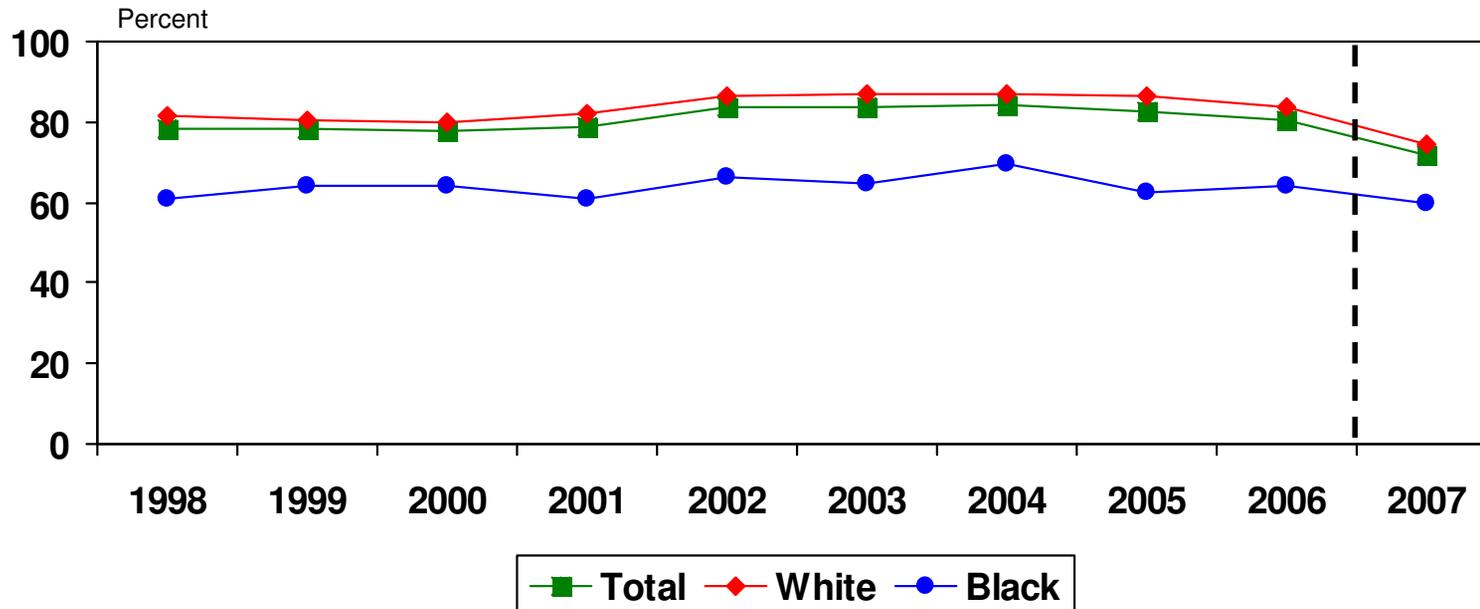
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	78.7	79.5	80.0	79.8	80.5	80.6	79.3	78.9	77.6	67.5
White	80.6	81.3	81.6	81.4	82.1	82.1	80.8	80.8	79.2	69.4
Black	63.9	65.5	67.1	67.6	68.6	68.2	67.1	64.8	65.6	53.4

*Because of birth certificate revisions, the 2007 prenatal care data 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, 2011

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Allen County Residents, 1998-2007



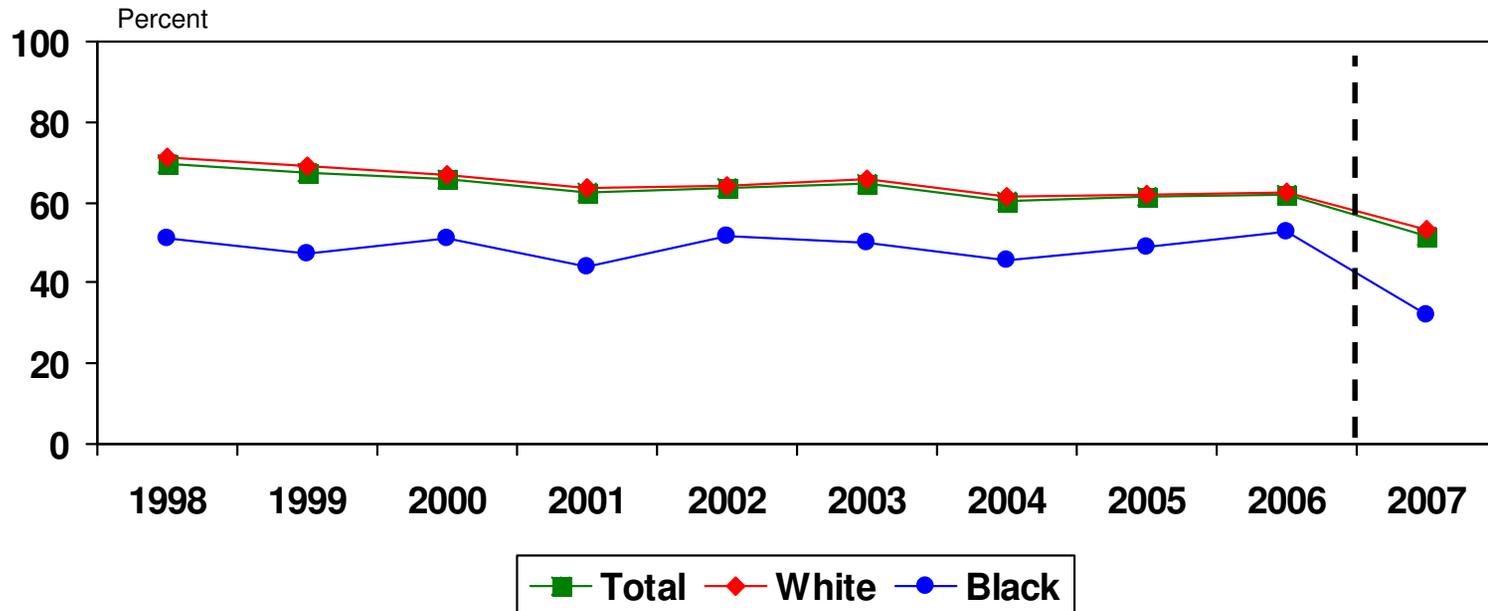
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	78.3	78.2	77.5	78.9	83.5	83.9	84.2	82.8	80.5	71.8
White	81.5	80.7	79.7	82.3	86.4	87.1	86.8	86.3	83.8	74.3
Black	61.0	64.3	64.3	61.0	66.2	64.6	69.5	62.6	63.9	59.6

*Because of birth certificate revisions, the 2007 prenatal care data 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, 2011

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Elkhart County Residents, 1998-2007



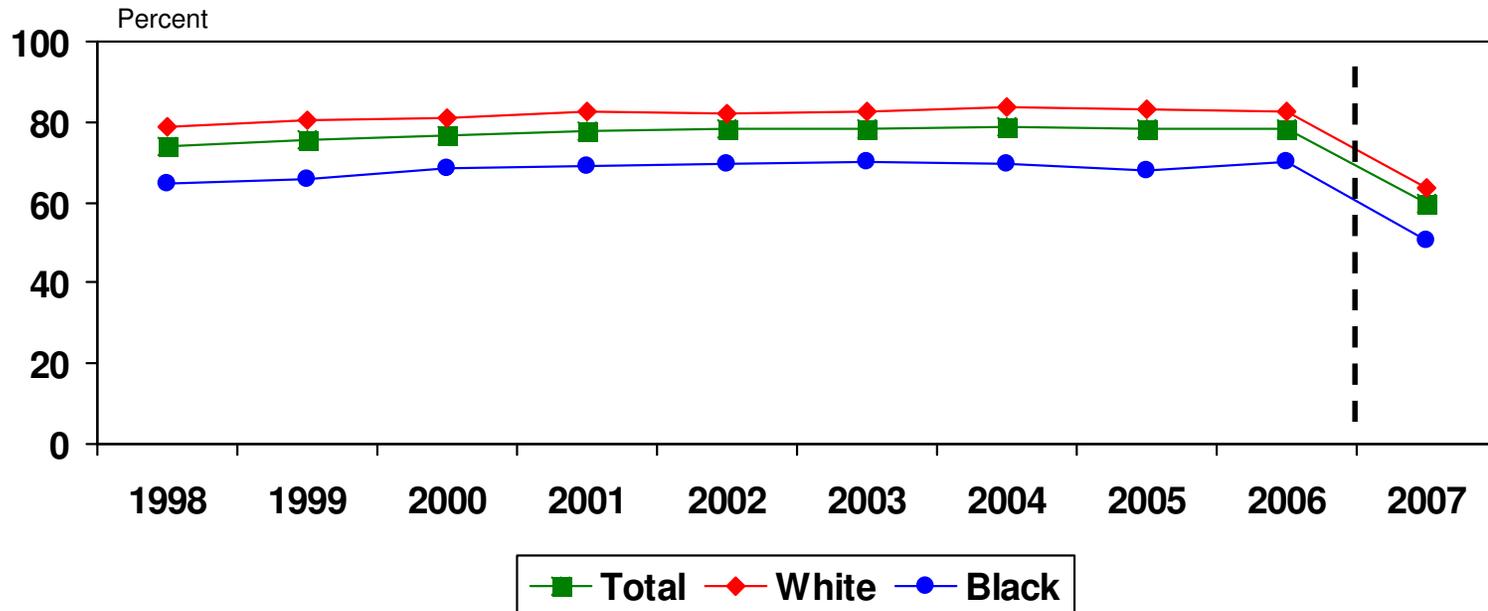
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	69.8	67.6	65.8	62.4	63.5	64.6	60.5	61.3	61.8	51.8
White	71.2	69.1	66.7	63.6	64.3	65.5	61.4	62.0	62.5	53.1
Black	50.9	47.4	50.9	44.1	51.5	50.0	45.9	49.1	52.6	32.3

*Because of birth certificate revisions, the 2007 prenatal care data 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, 2011

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Lake County Residents, 1998-2007



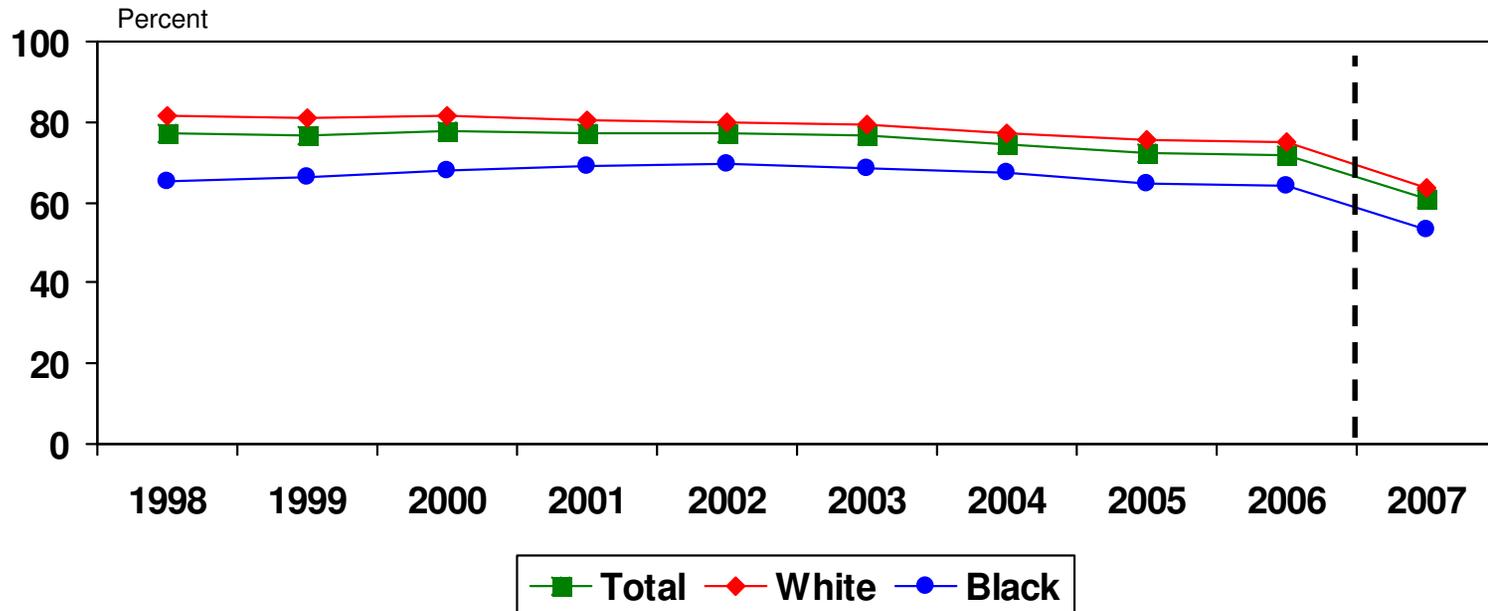
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	74.1	75.7	76.9	77.9	78.2	78.5	79.0	78.1	78.4	59.6
White	78.8	80.5	81.1	82.4	82.3	82.7	83.5	82.9	82.7	63.8
Black	64.5	65.8	68.3	69.0	69.4	69.9	69.5	67.8	70.0	50.8

*Because of birth certificate revisions, the 2007 prenatal care data 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, 2011

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Marion County Residents, 1998-2007



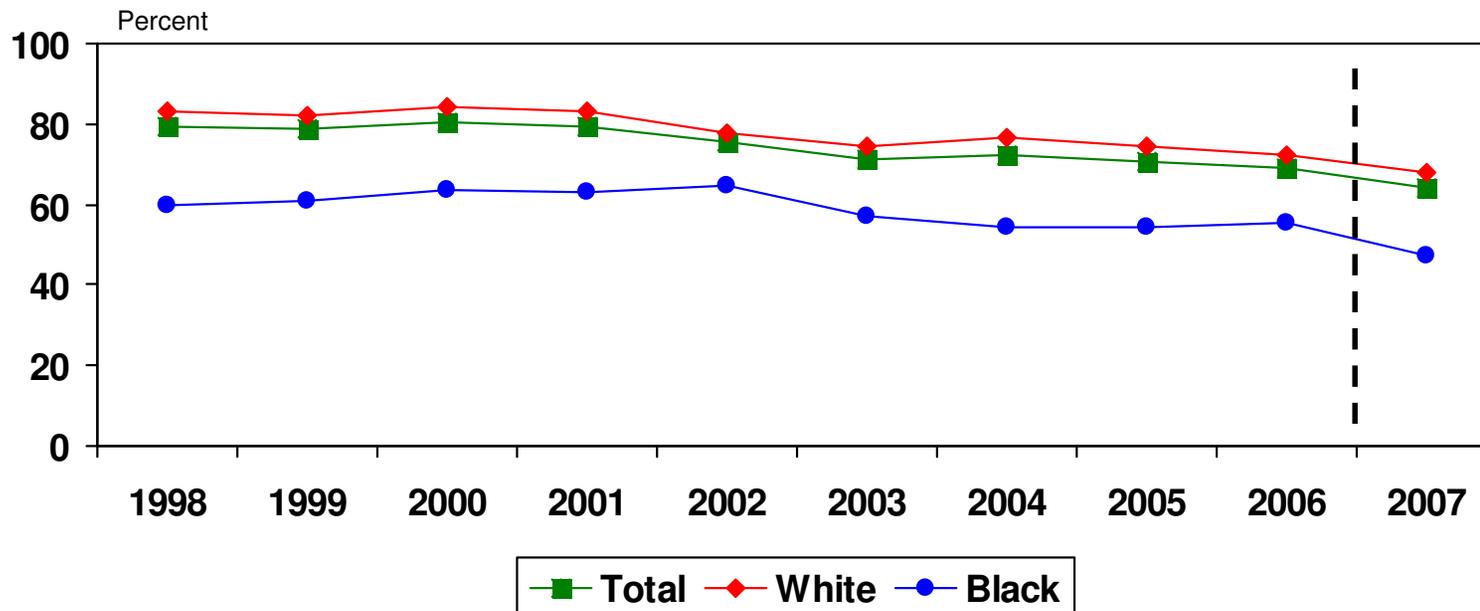
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	77.0	76.9	77.5	77.1	77.0	76.4	74.6	72.4	72.0	60.6
White	81.5	81.0	81.5	80.4	80.1	79.3	77.4	75.5	75.2	63.4
Black	65.4	66.5	68.0	69.2	69.3	68.7	67.3	64.6	64.3	53.5

*Because of birth certificate revisions, the 2007 prenatal care data 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, 2011

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race St. Joseph County Residents, 1998-2007



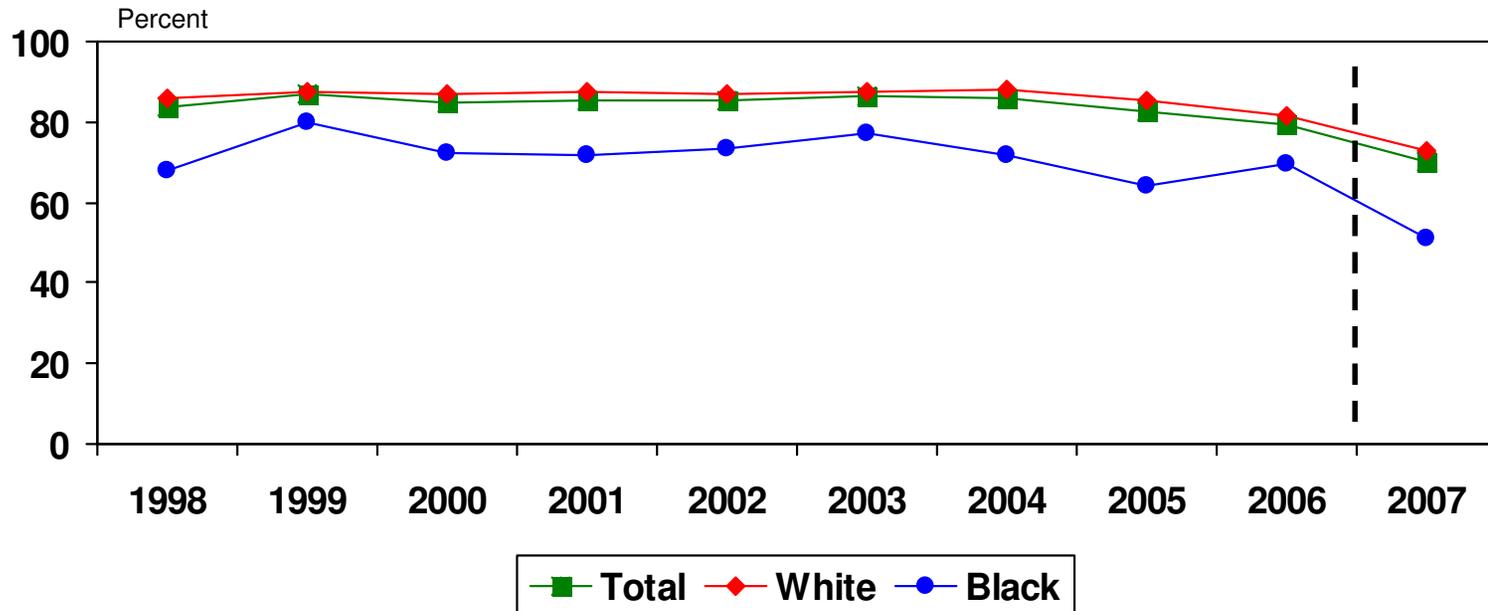
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	79.2	78.8	80.5	79.5	75.5	71.3	72.5	70.8	69.1	64.3
White	82.9	82.3	84.0	83.2	77.9	74.7	76.5	74.6	72.1	67.8
Black	60.0	60.7	63.8	63.1	64.5	56.9	54.3	54.5	55.2	47.5

*Because of birth certificate revisions, the 2007 prenatal care data 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, 2011

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester*, by Race Vanderburgh County Residents, 1998-2007



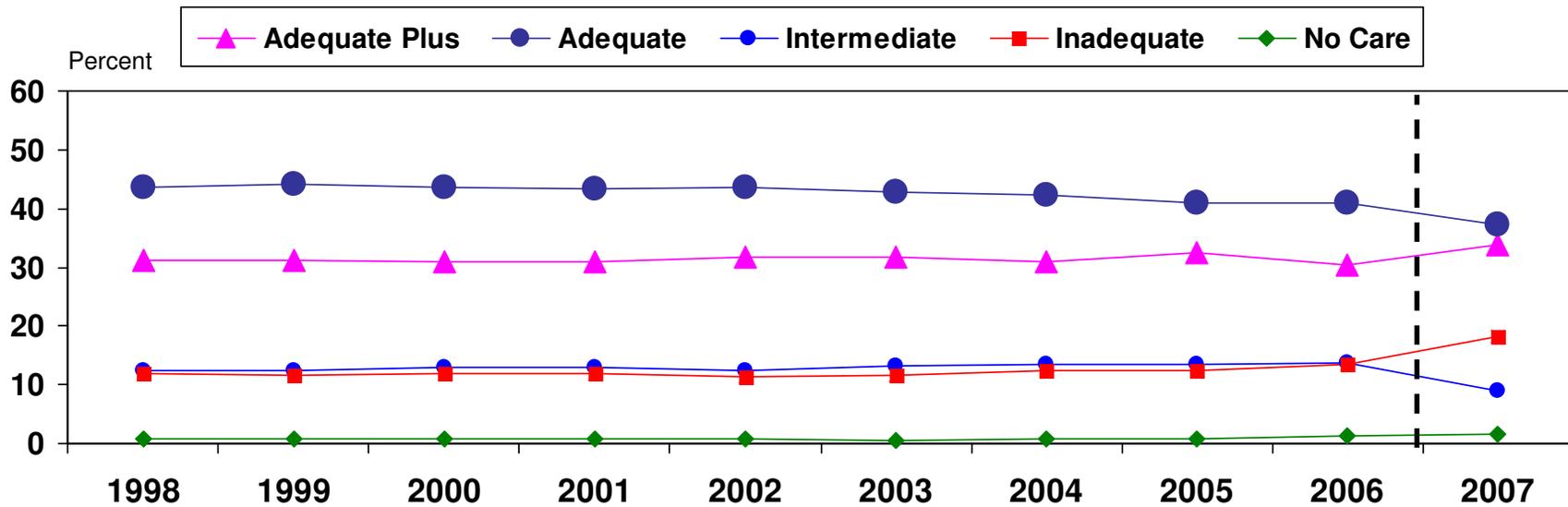
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	83.5	86.7	84.8	85.3	85.1	86.2	85.8	82.6	79.6	70.1
White	85.9	87.7	86.7	87.4	86.9	87.4	87.9	85.5	81.3	72.8
Black	68.0	79.8	72.5	71.8	73.5	77.1	71.6	64.4	69.3	50.9

*Because of birth certificate revisions, the 2007 prenatal care data 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, 2011

Adequacy of Prenatal Care Utilization (Kotelchuck Index)* All Races, Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Adequate Plus	31.2	31.1	30.8	31.0	31.8	31.8	31.0	32.4	30.5	33.9
Adequate	43.5	44.2	43.7	43.4	43.6	42.9	42.4	41.0	40.9	37.3
Intermediate	12.4	12.4	12.9	13.0	12.5	13.2	13.6	13.6	13.8	9.0
Inadequate	12.0	11.7	11.8	11.9	11.4	11.5	12.3	12.3	13.5	18.2
No Care	0.9	0.8	0.8	0.8	0.7	0.6	0.8	0.7	1.3	1.6

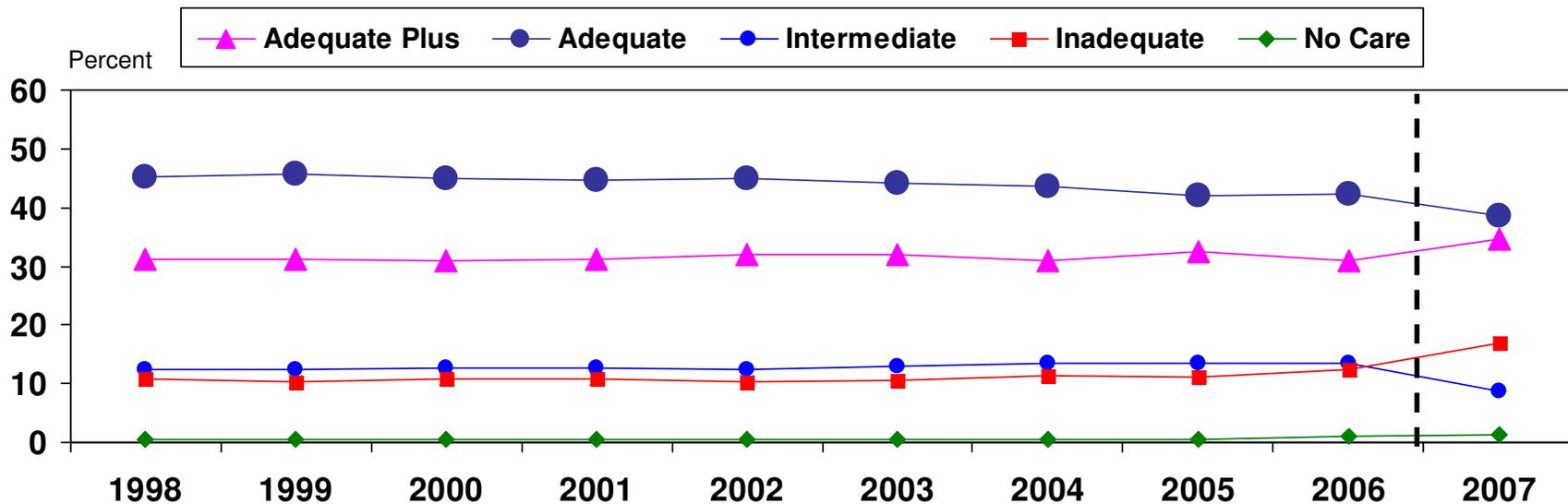
*Because of birth certificate revisions, the 2007 Kotelchuck data are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

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

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

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

White Population, Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Adequate Plus	31.2	31.1	30.9	31.2	31.9	32.0	31.0	32.6	30.9	34.7
Adequate	45.1	45.6	45.0	44.6	45.0	44.1	43.6	42.1	42.2	38.6
Intermediate	12.3	12.3	12.8	12.8	12.3	13.0	13.4	13.6	13.6	8.8
Inadequate	10.8	10.4	10.8	10.8	10.3	10.5	11.4	11.2	12.3	16.8
No Care	0.6	0.6	0.6	0.6	0.5	0.4	0.6	0.5	1.1	1.3

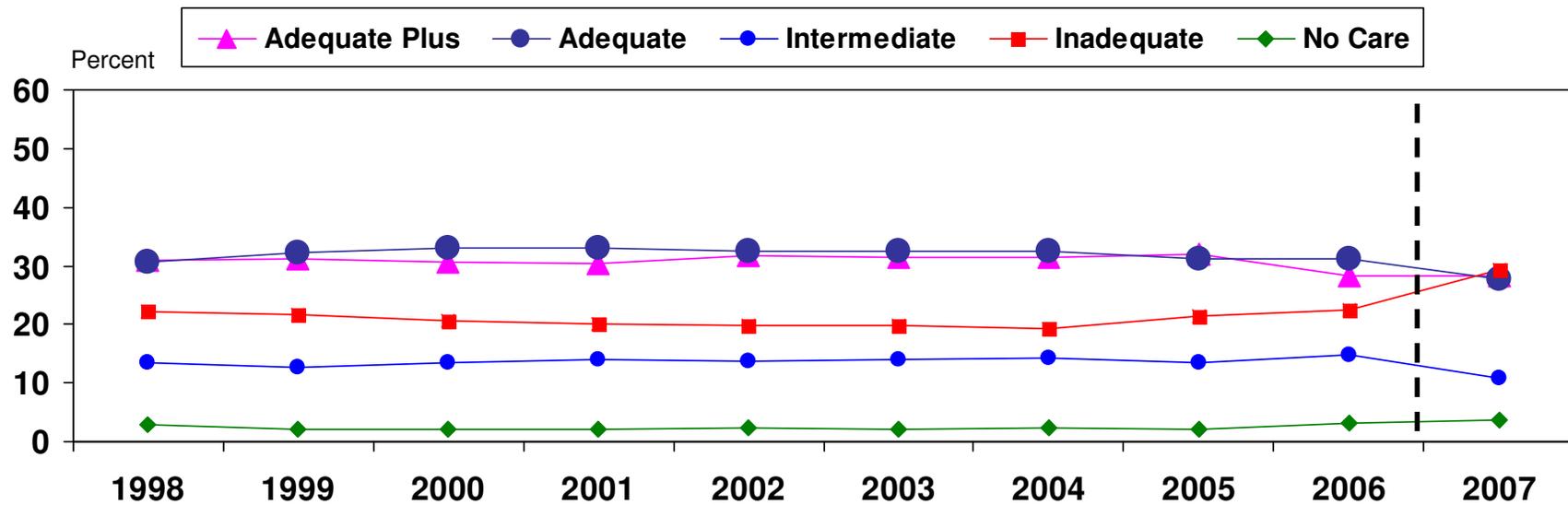
*Because of birth certificate revisions, the 2007 Kotelchuck data are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

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

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

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*

Black Population, Indiana Residents, 1998-2007



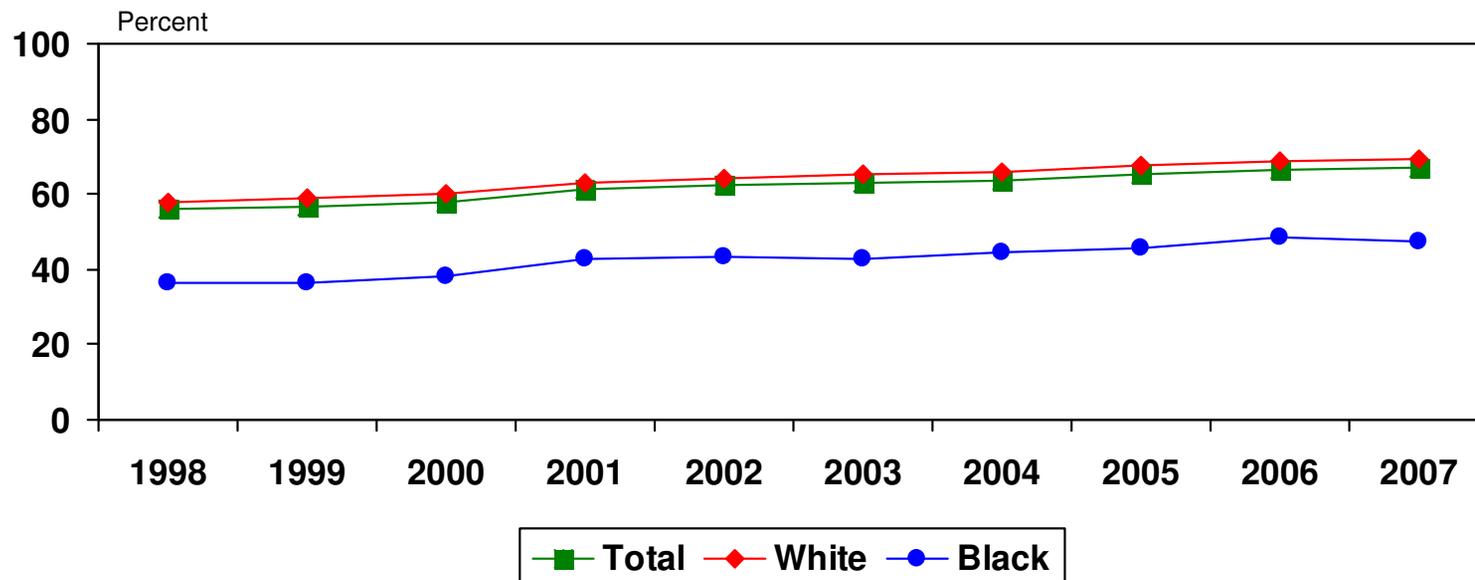
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Adequate Plus	30.9	31.3	30.7	30.5	31.6	31.4	31.4	32.0	28.2	28.4
Adequate	30.7	32.2	33.0	33.0	32.6	32.6	32.5	31.3	31.1	27.7
Intermediate	13.4	12.7	13.5	14.1	13.7	14.1	14.3	13.4	14.9	10.9
Inadequate	22.2	21.7	20.7	20.2	19.8	19.7	19.4	21.3	22.5	29.3
No Care	2.8	2.1	2.1	2.1	2.4	2.1	2.4	2.1	3.3	3.8

*Because of birth certificate revisions, the 2007 Kotelchuck data 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, 2011

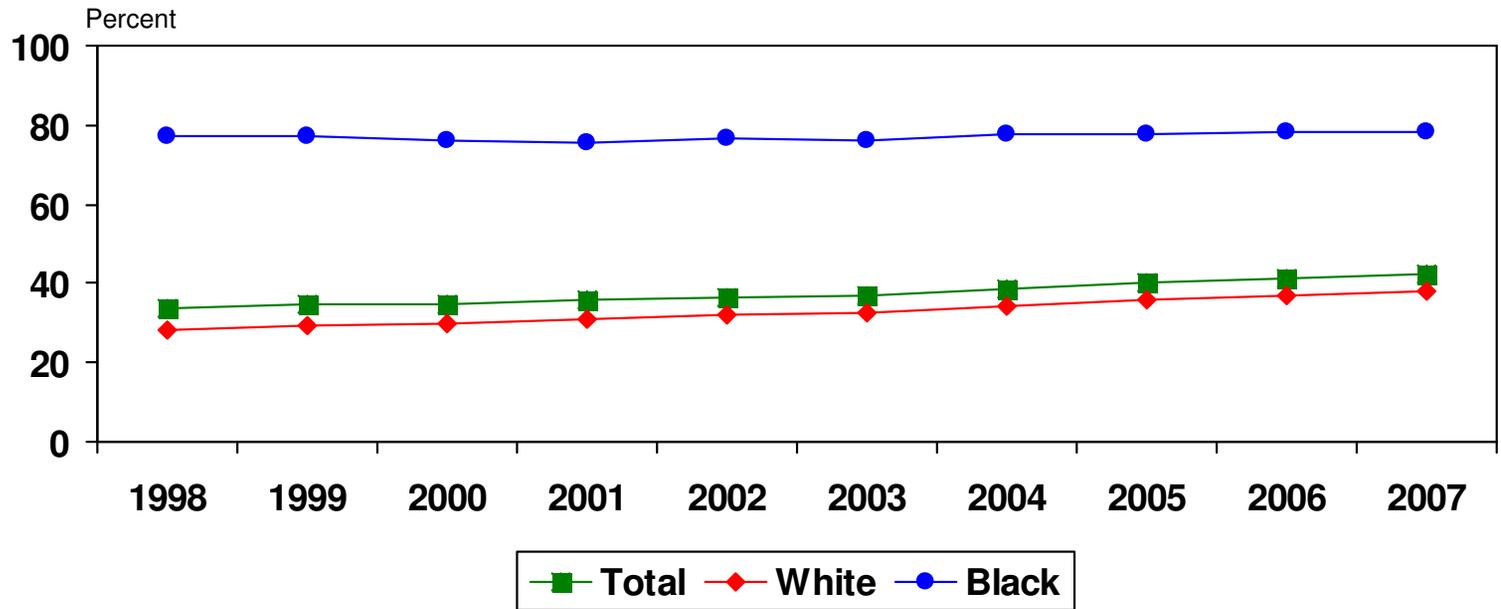
Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Race Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	55.9	56.8	58.0	61.1	62.4	63.2	63.8	65.3	66.5	67.1
White	58.0	59.0	60.2	63.1	64.4	65.5	65.8	67.6	68.5	69.3
Black	36.6	36.4	38.1	42.9	43.5	42.6	44.6	45.5	48.7	47.6

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

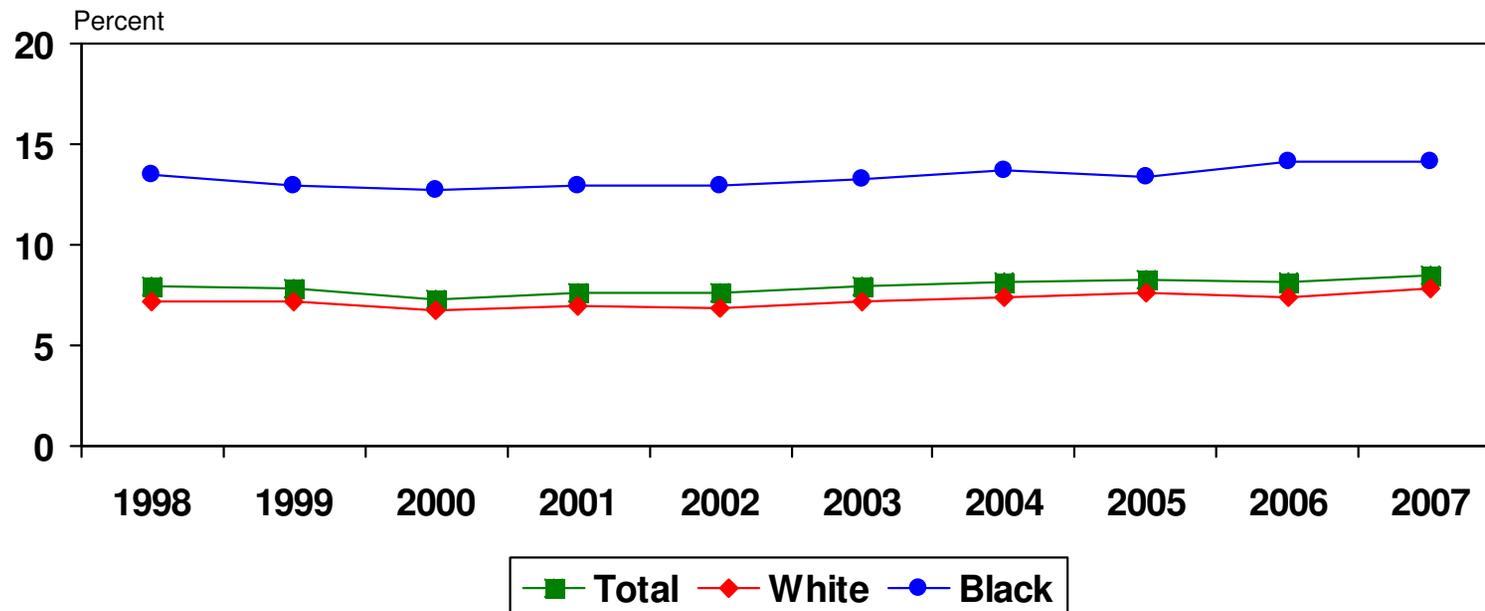
Percent of Live Births to Unmarried Mothers by Race of Mother Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	33.6	34.6	34.6	35.6	36.5	37.1	38.8	40.1	41.2	42.4
White	28.4	29.6	29.8	30.9	31.9	32.6	34.4	35.8	36.8	38.2
Black	77.3	77.0	75.9	75.8	76.5	76.3	77.9	77.7	78.2	78.4

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

Percent of Low Birthweight Infants by Race of Mother Indiana Residents, 1998-2007

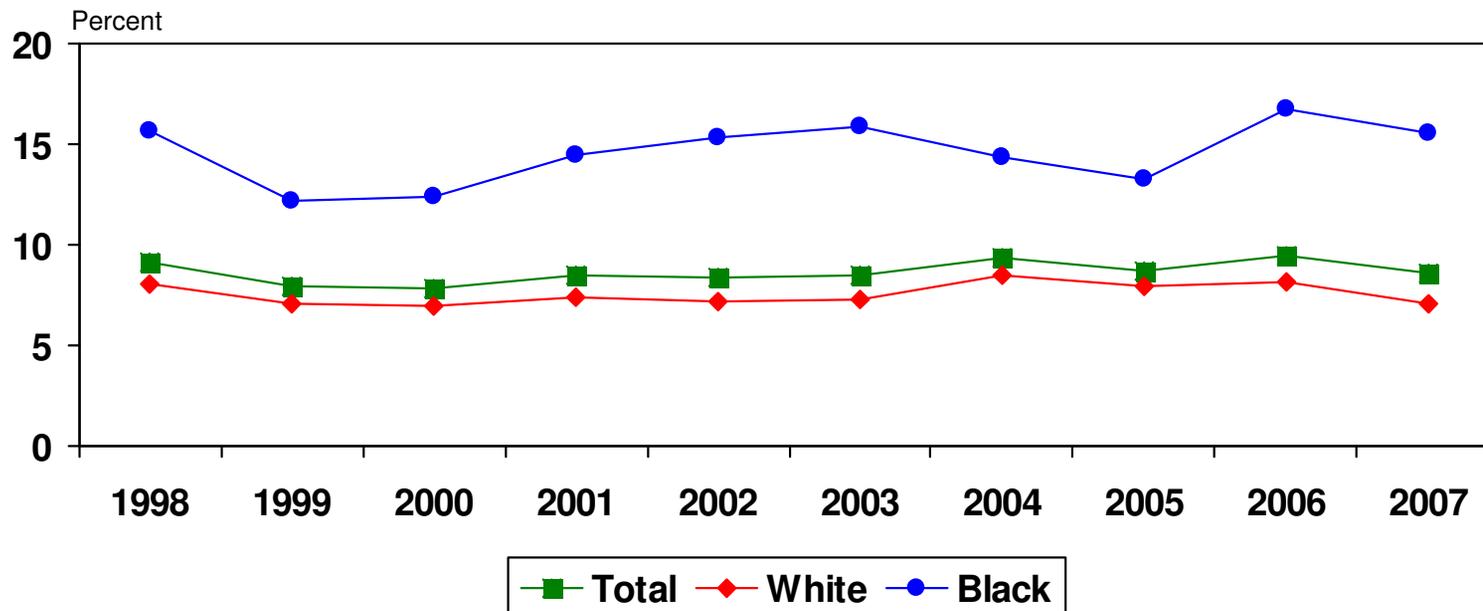


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	7.9	7.8	7.3	7.6	7.6	7.9	8.1	8.3	8.2	8.5
White	7.2	7.2	6.7	7.0	6.9	7.2	7.4	7.6	7.4	7.8
Black	13.5	12.9	12.7	12.9	12.9	13.3	13.7	13.4	14.1	14.1

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

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

Percent of Low Birthweight Infants by Race of Mother Allen County Residents, 1998-2007

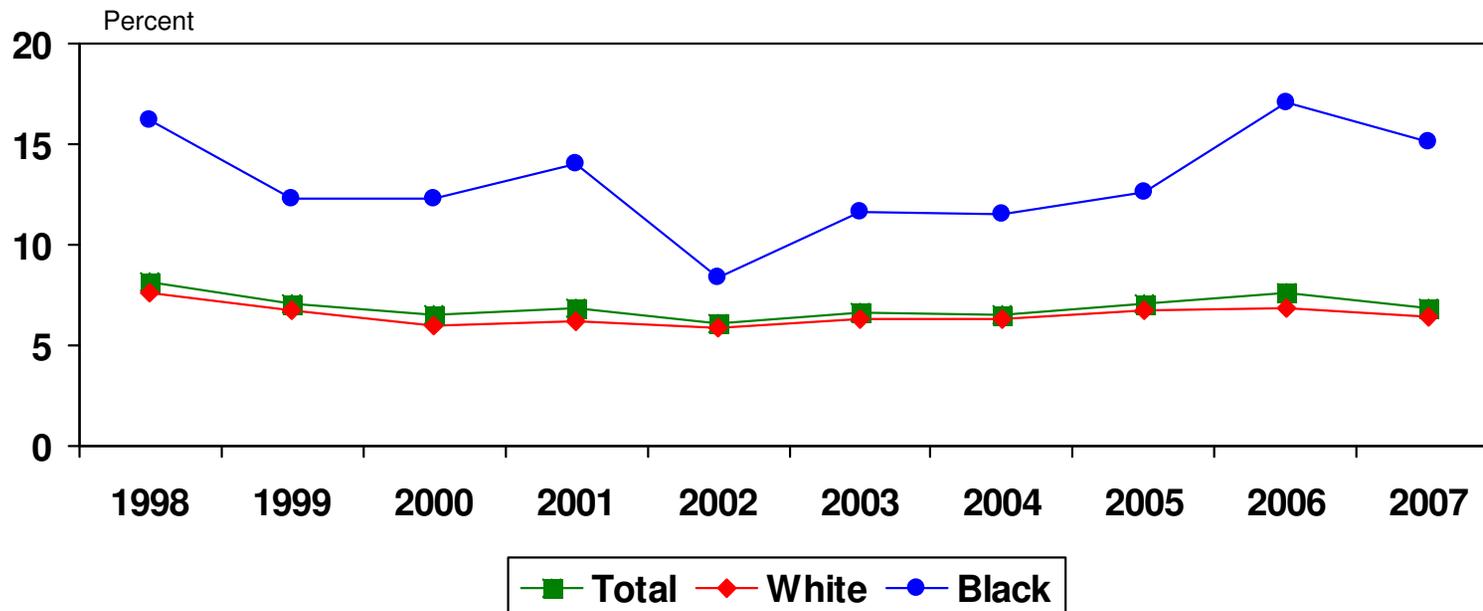


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	9.1	7.9	7.8	8.5	8.4	8.5	9.4	8.7	9.5	8.6
White	8.0	7.1	7.0	7.4	7.2	7.3	8.5	7.9	8.1	7.1
Black	15.6	12.2	12.4	14.5	15.3	15.9	14.3	13.3	16.7	15.5

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

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

Percent of Low Birthweight Infants by Race of Mother Elkhart County Residents, 1998-2007



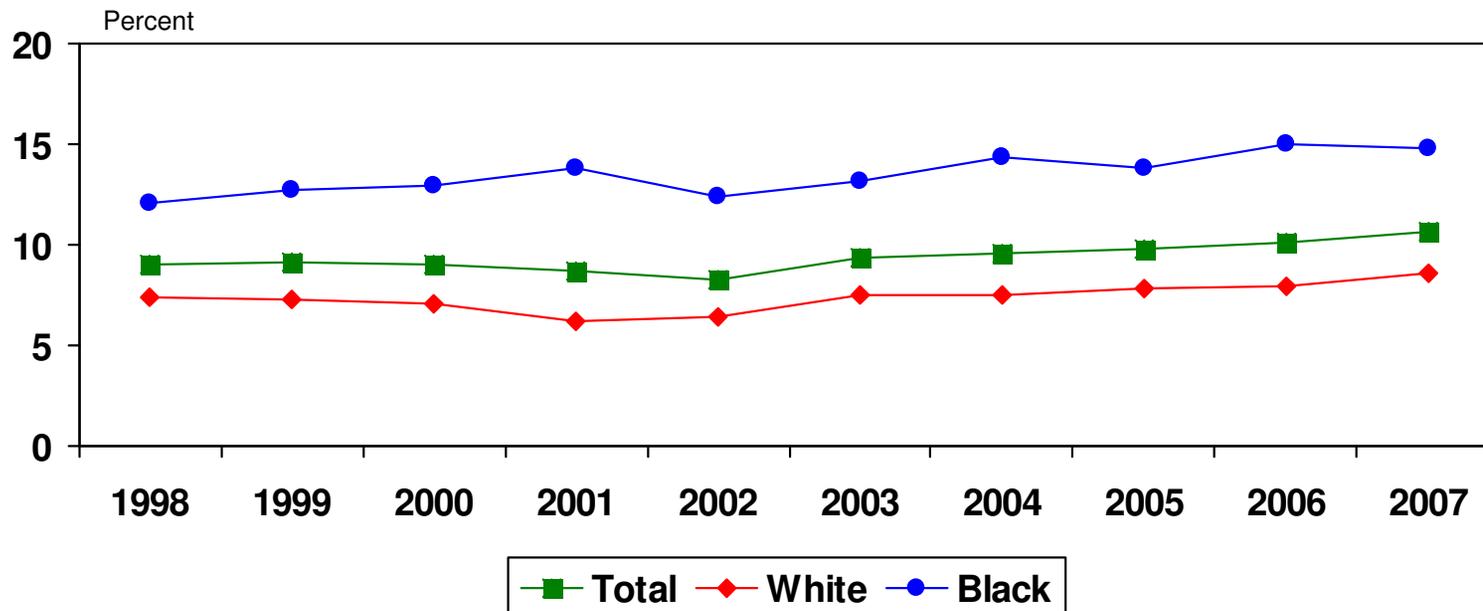
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	8.2	7.1	6.5	6.8	6.1	6.6	6.5	7.1	7.6	6.9
White	7.6	6.7	6.0	6.2	5.9	6.3	6.3	6.7	6.9	6.4
Black	16.2	12.3	12.3	14.0	8.4*	11.6	11.5	12.6	17.1	15.1

*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, 2011

Percent of Low Birthweight Infants by Race of Mother Lake County Residents, 1998-2007



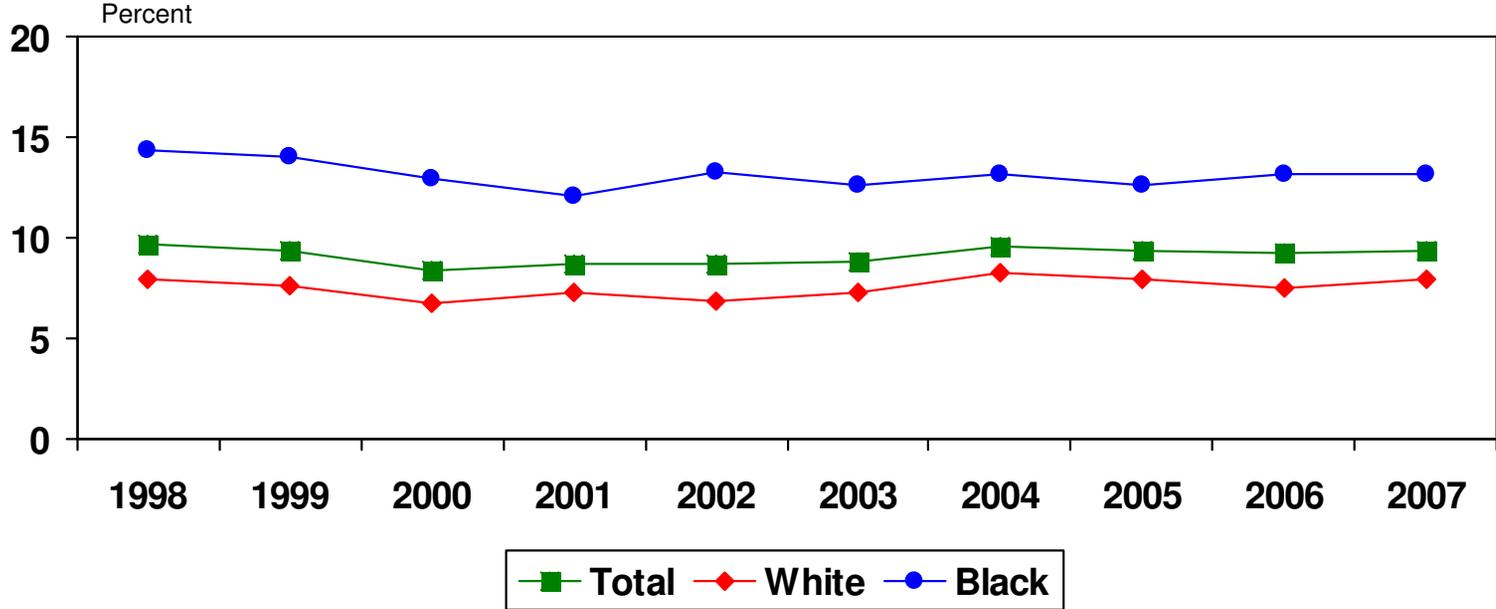
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	9.0	9.1	9.0	8.7	8.3	9.3	9.6	9.8	10.1	10.6
White	7.4	7.3	7.1	6.2	6.4	7.5	7.5	7.8	7.9	8.6
Black	12.1	12.7	12.9	13.8	12.4	13.1	14.4	13.8	15.0	14.8

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

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

Percent of Low Birthweight Infants by Race of Mother

Marion County Residents, 1998-2007



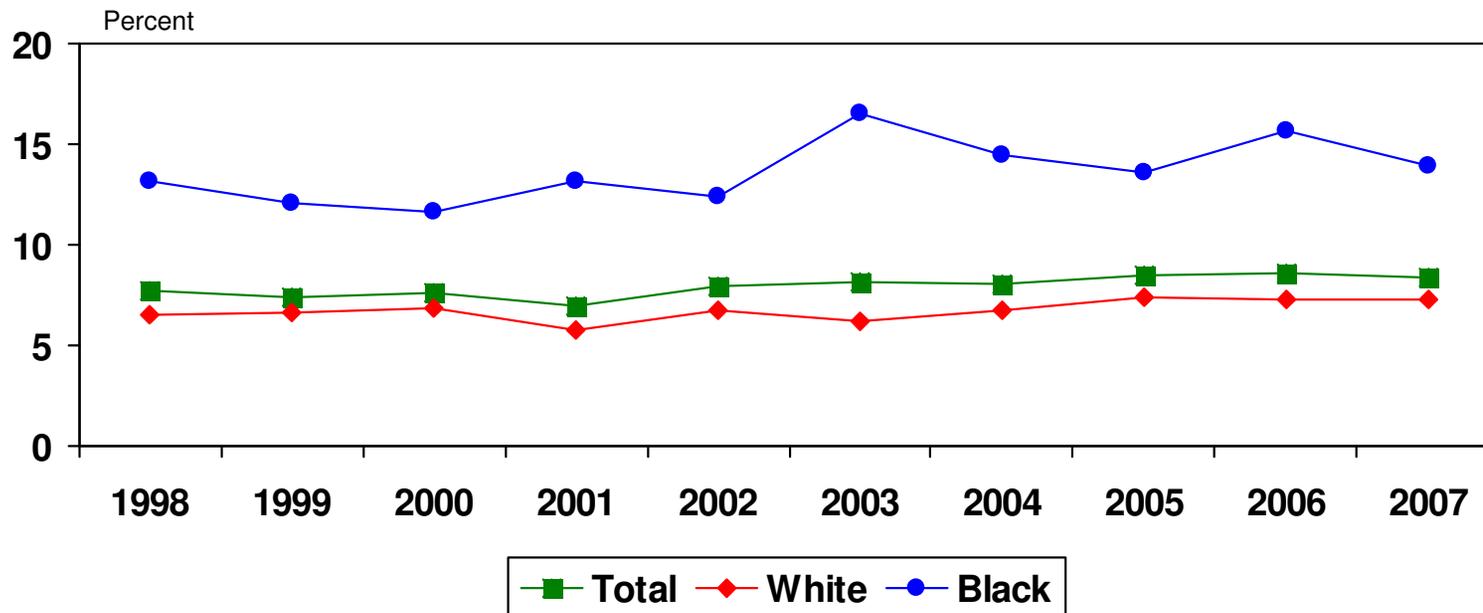
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	9.7	9.4	8.4	8.7	8.7	8.8	9.6	9.3	9.2	9.4
White	7.9	7.6	6.7	7.3	6.9	7.3	8.3	7.9	7.5	7.9
Black	14.4	14.0	12.9	12.1	13.3	12.6	13.2	12.6	13.1	13.1

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

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

Percent of Low Birthweight Infants by Race of Mother

St. Joseph County Residents, 1998-2007

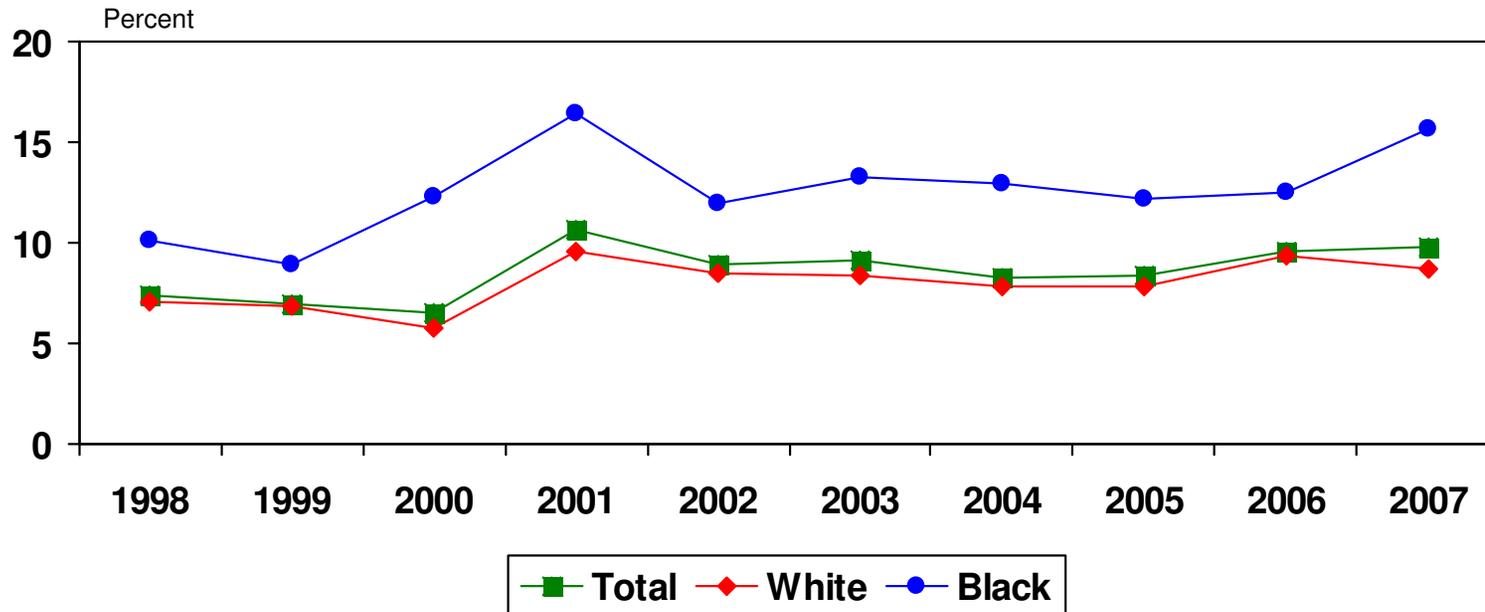


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	7.7	7.4	7.6	7.0	7.9	8.2	8.0	8.5	8.6	8.4
White	6.5	6.6	6.8	5.8	6.7	6.2	6.7	7.4	7.3	7.3
Black	13.1	12.1	11.6	13.1	12.4	16.5	14.5	13.6	15.6	13.9

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

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

Percent of Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 1998-2007

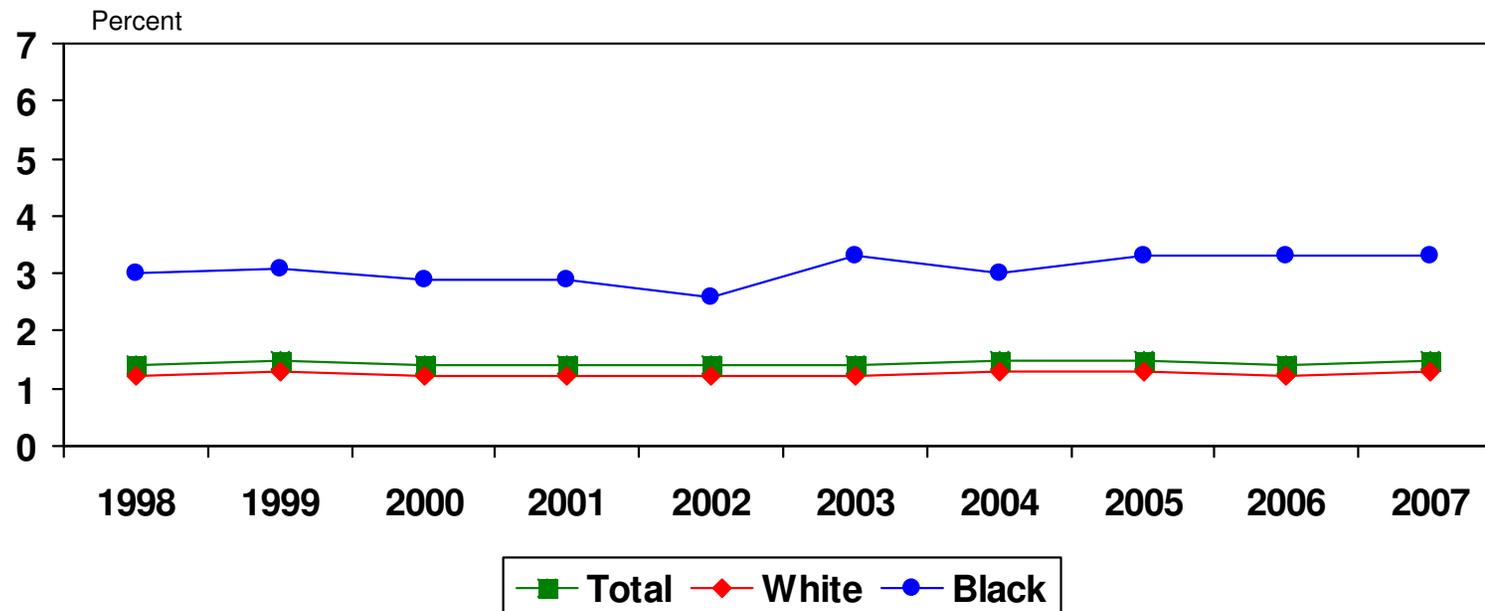


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	7.4	7.0	6.5	10.6	8.9	9.1	8.3	8.4	9.6	9.8
White	7.1	6.8	5.8	9.6	8.5	8.4	7.8	7.8	9.3	8.7
Black	10.1	8.9	12.3	16.4	12.0	13.3	12.9	12.2	12.5	15.7

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

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

Percent of Very Low Birthweight Infants by Race of Mother Indiana Residents, 1998-2007

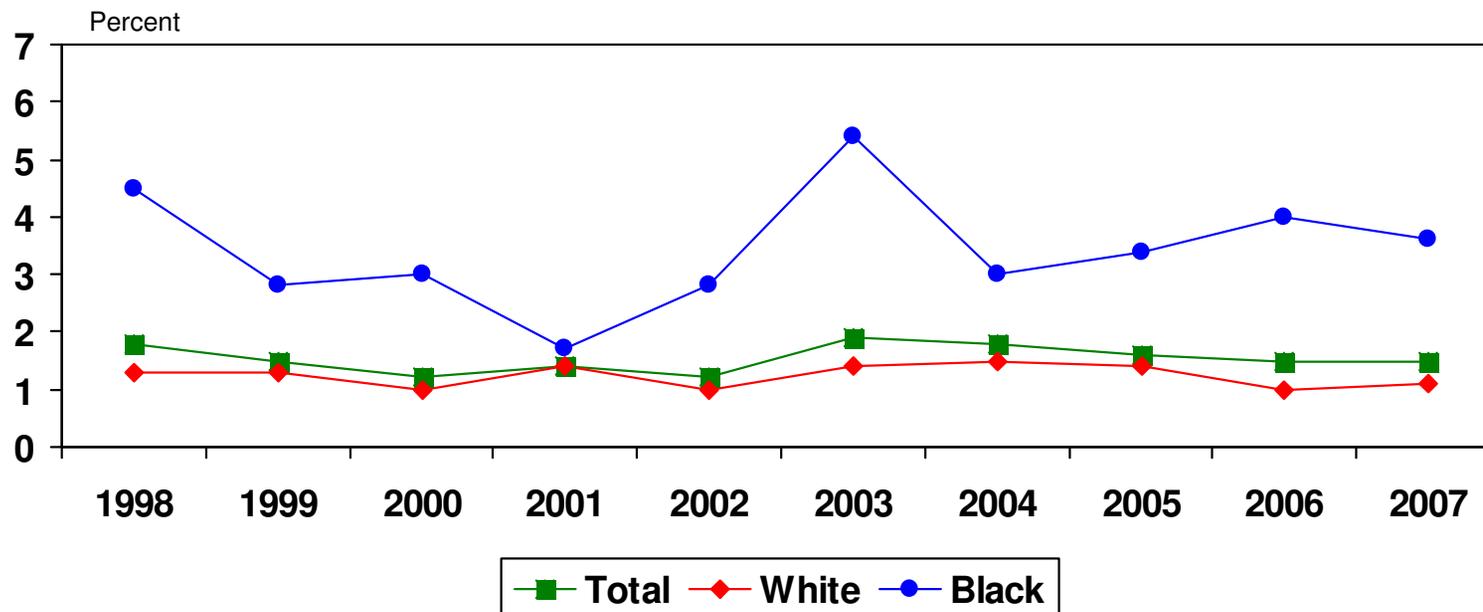


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.5
White	1.2	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.3
Black	3.0	3.1	2.9	2.9	2.6	3.3	3.0	3.3	3.3	3.3

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

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

Percent of Very Low Birthweight Infants by Race of Mother Allen County Residents, 1998-2007



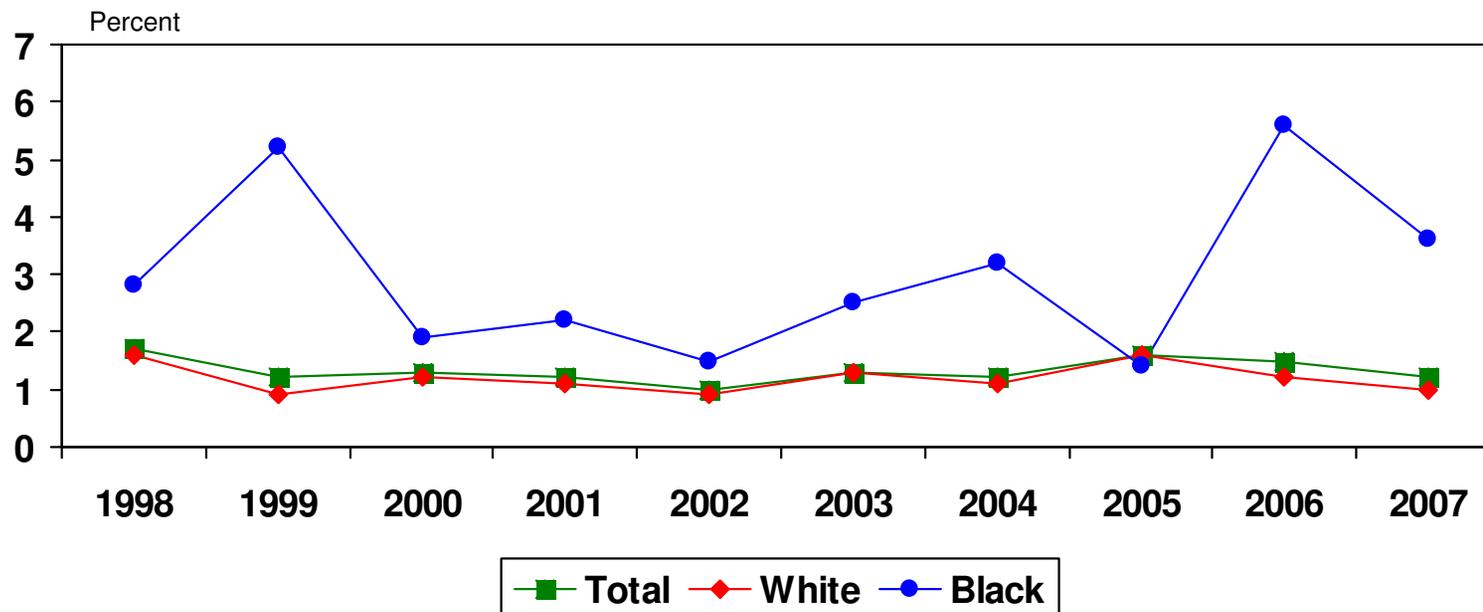
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	1.8	1.5	1.2	1.4	1.2	1.9	1.8	1.6	1.5	1.5
White	1.3	1.3	1.0	1.4	1.0	1.4	1.5	1.4	1.0	1.1
Black	4.5	2.8	3.0	1.7*	2.8	5.4	3.0	3.4	4.0	3.6

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

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

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

Percent of Very Low Birthweight Infants by Race of Mother Elkhart County Residents, 1998-2007



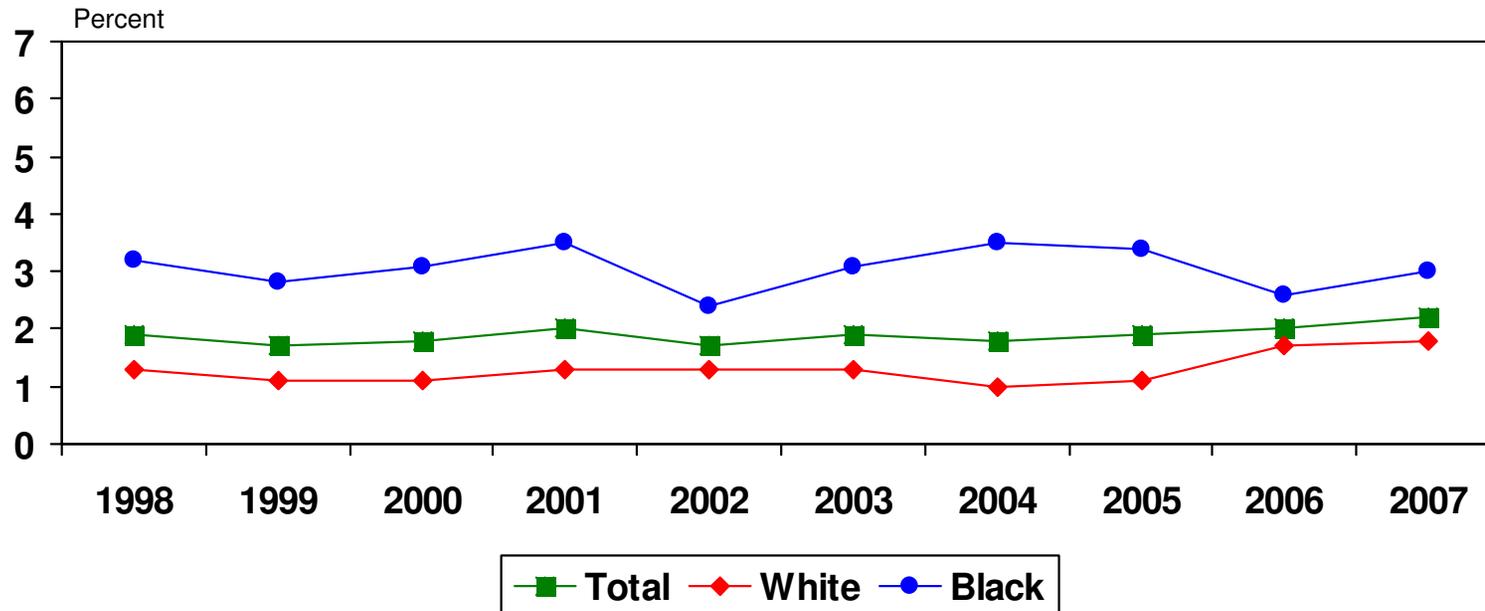
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	1.7	1.2	1.3	1.2	1.0	1.3	1.2	1.6	1.5	1.2
White	1.6	0.9	1.2	1.1	0.9	1.3	1.1	1.6	1.2	1.0
Black	2.8*	5.2*	1.9*	2.2*	1.5*	2.5*	3.2*	1.4*	5.6*	3.6*

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

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

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

Percent of Very Low Birthweight Infants by Race of Mother Lake County Residents, 1998-2007

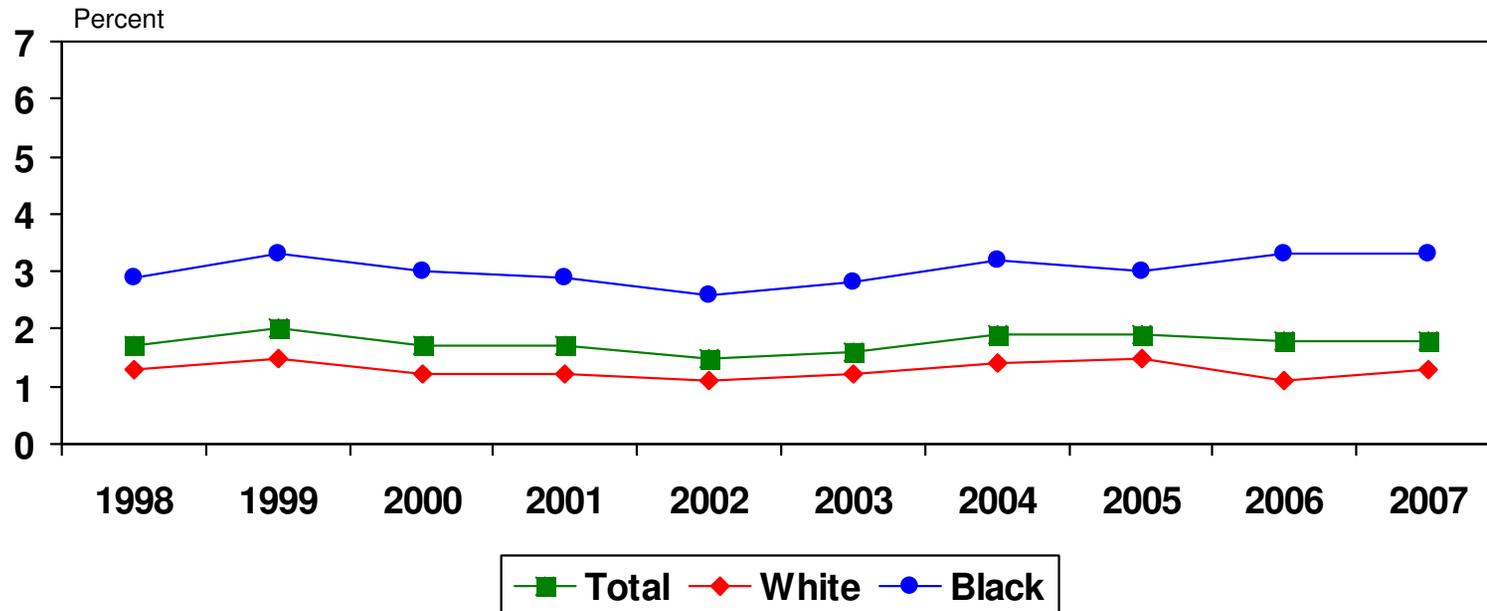


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	1.9	1.7	1.8	2.0	1.7	1.9	1.8	1.9	2.0	2.2
White	1.3	1.1	1.1	1.3	1.3	1.3	1.0	1.1	1.7	1.8
Black	3.2	2.8	3.1	3.5	2.4	3.1	3.5	3.4	2.6	3.0

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

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

Percent of Very Low Birthweight Infants by Race of Mother Marion County Residents, 1998-2007

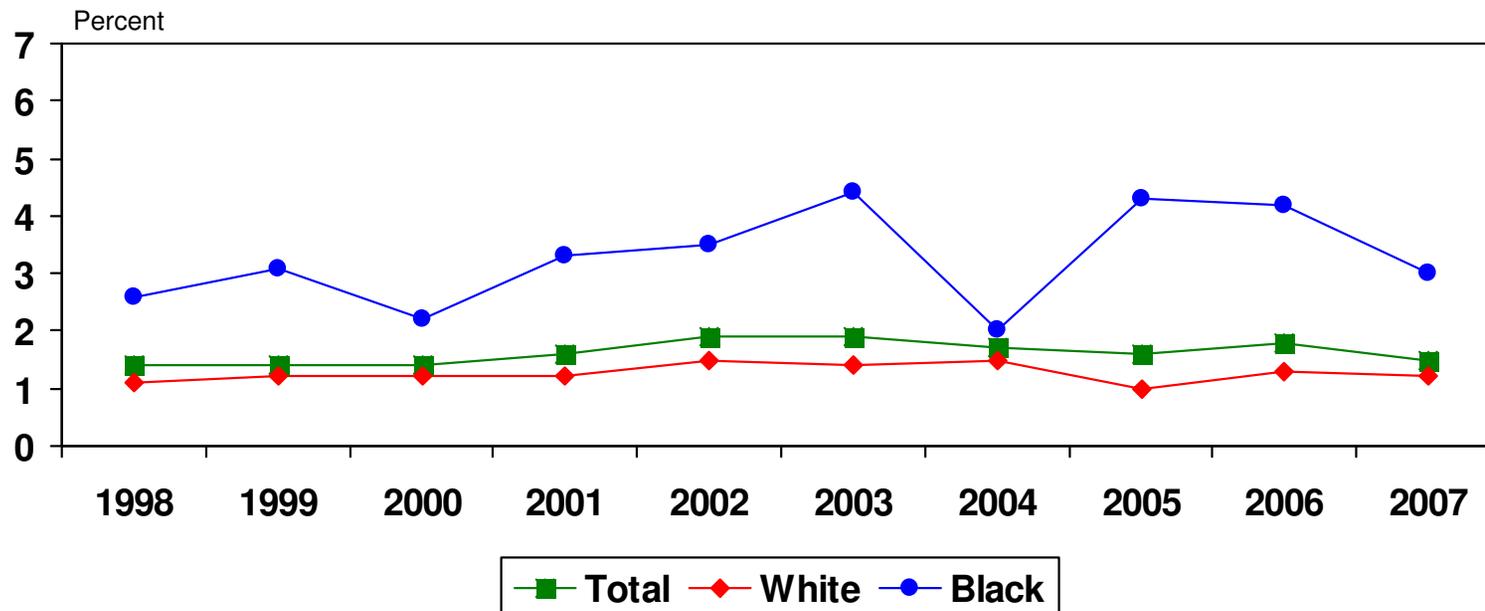


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	1.7	2.0	1.7	1.7	1.5	1.6	1.9	1.9	1.8	1.8
White	1.3	1.5	1.2	1.2	1.1	1.2	1.4	1.5	1.1	1.3
Black	2.9	3.3	3.0	2.9	2.6	2.8	3.2	3.0	3.3	3.3

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

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

Percent of Very Low Birthweight Infants by Race of Mother St. Joseph County Residents, 1998-2007



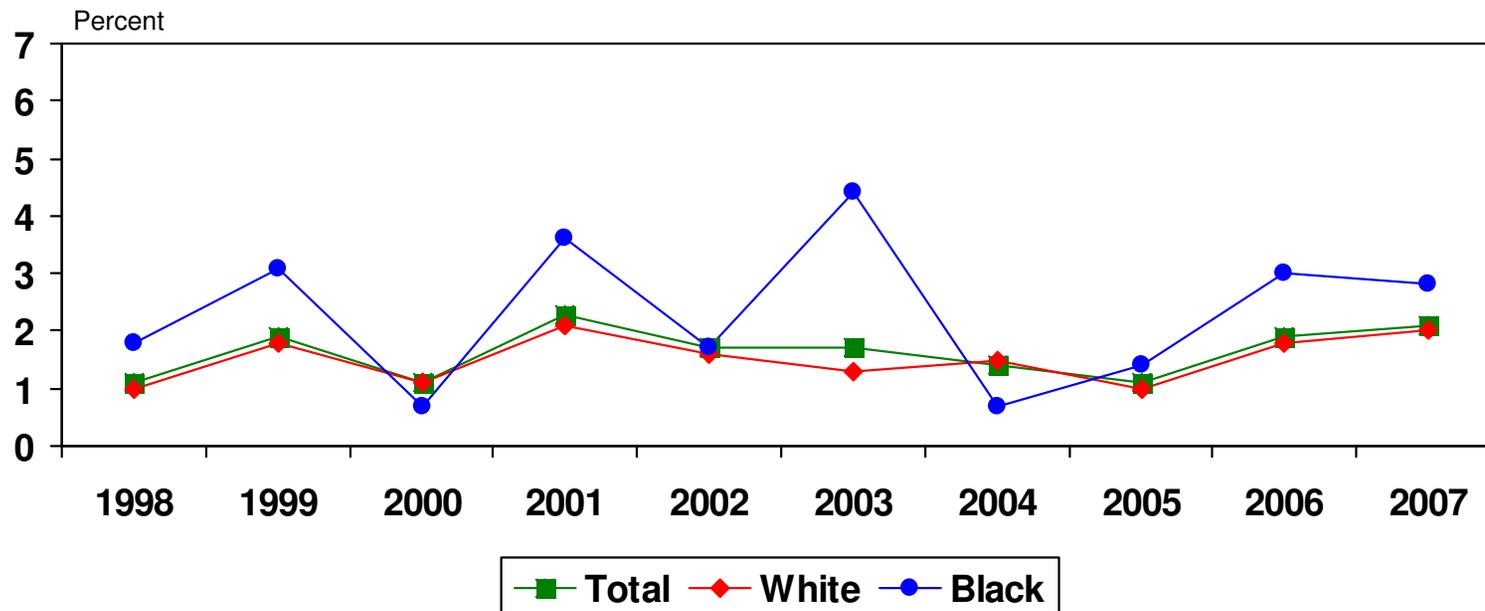
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	1.4	1.4	1.4	1.6	1.9	1.9	1.7	1.6	1.8	1.5
White	1.1	1.2	1.2	1.2	1.5	1.4	1.5	1.0	1.3	1.2
Black	2.6*	3.1*	2.2*	3.3	3.5	4.4	2.0*	4.3	4.2	3.0

*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, 2011

Percent of Very Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 1998-2007



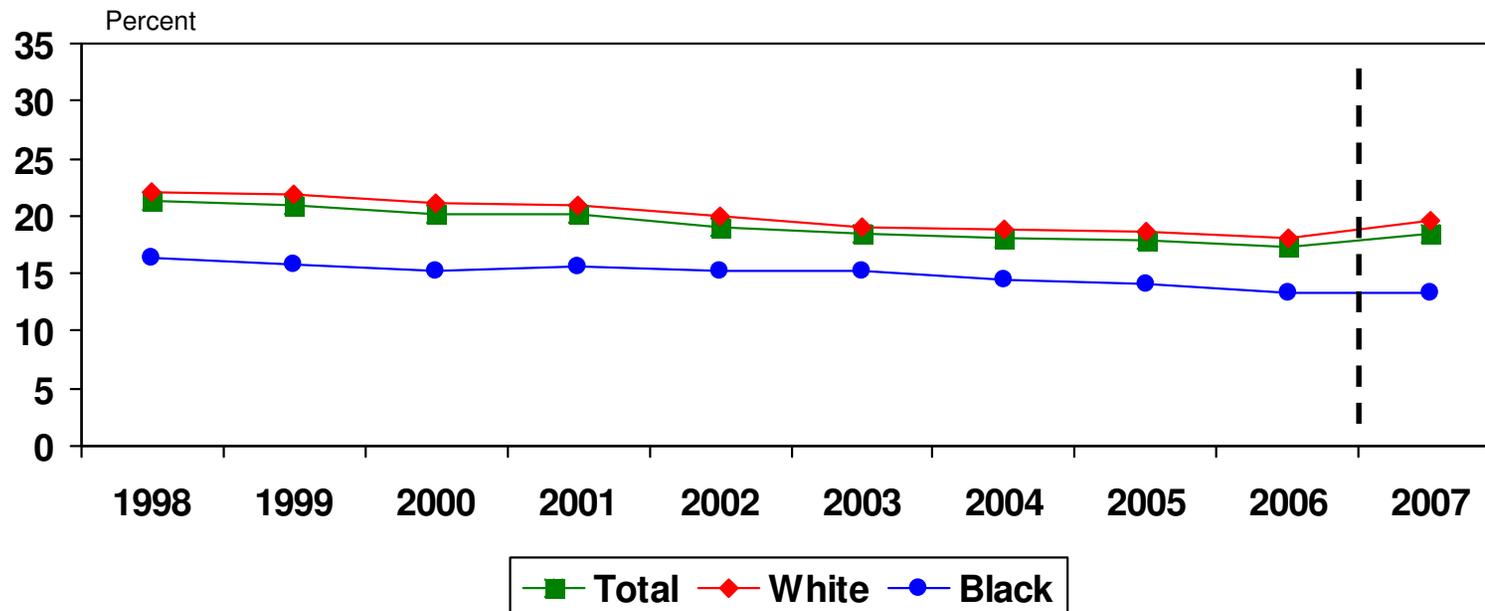
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	1.1	1.9	1.1	2.3	1.7	1.7	1.4	1.1	1.9	2.1
White	1.0*	1.8	1.1	2.1	1.6	1.3	1.5	1.0	1.8	2.0
Black	1.8*	3.1*	0.7*	3.6*	1.7*	4.4*	0.7*	1.4*	3.0*	2.8*

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

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

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

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Indiana Residents, 1998-2007

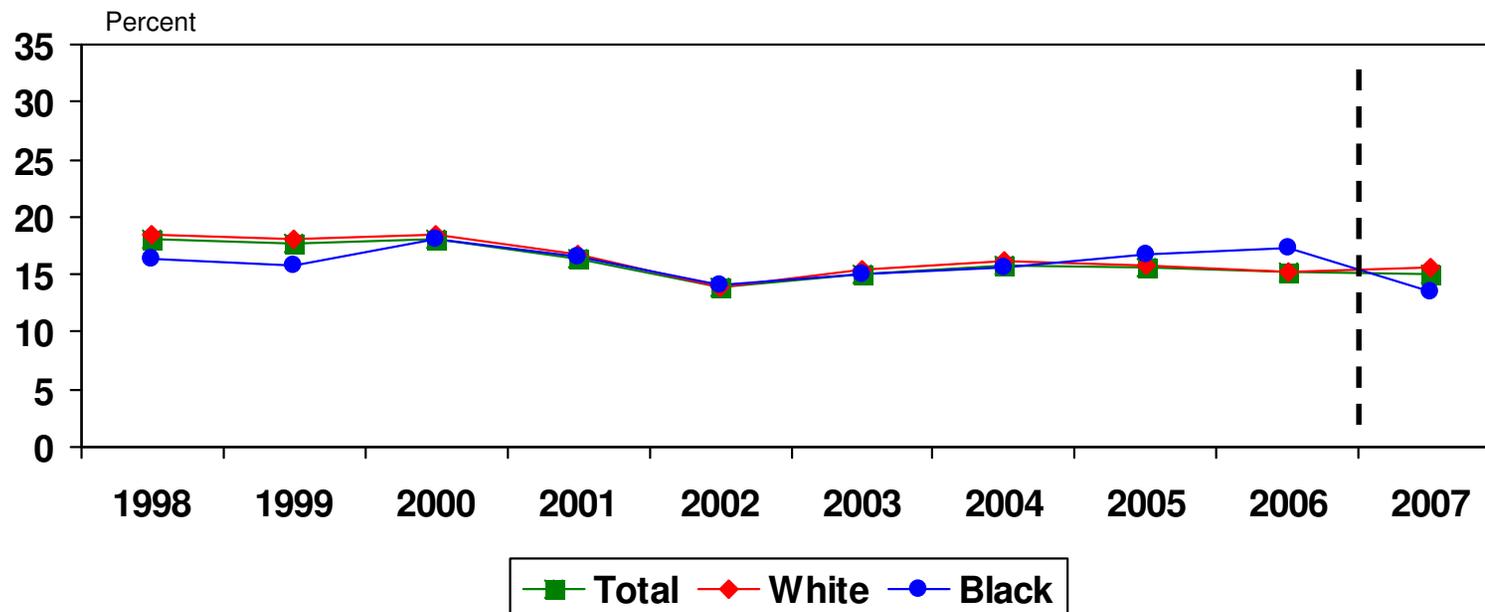


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	21.3	20.9	20.2	20.2	19.1	18.5	18.0	17.9	17.3	18.5
White	22.1	21.8	21.1	21.0	19.9	19.1	18.8	18.7	18.1	19.6
Black	16.3	15.8	15.2	15.6	15.2	15.2	14.4	14.0	13.3	13.3

*Because of birth certificate revisions, the 2007 tobacco data 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, 2011

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Allen County Residents, 1998-2007

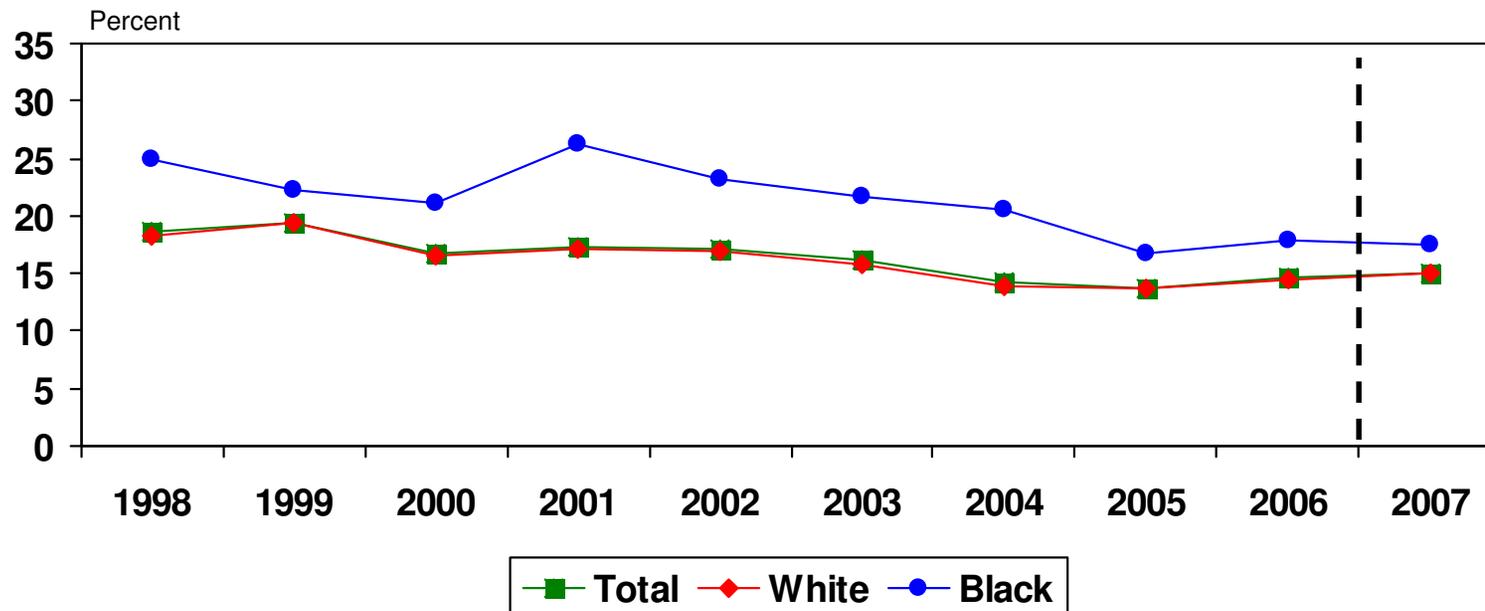


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	18.0	17.6	18.1	16.4	13.8	15.1	15.7	15.6	15.3	15.0
White	18.5	18.1	18.5	16.7	13.9	15.5	16.2	15.8	15.3	15.6
Black	16.4	15.7	18.0	16.5	14.0	15.1	15.6	16.7	17.4	13.5

*Because of birth certificate revisions, the 2007 tobacco data 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, 2011

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Elkhart County Residents, 1998-2007

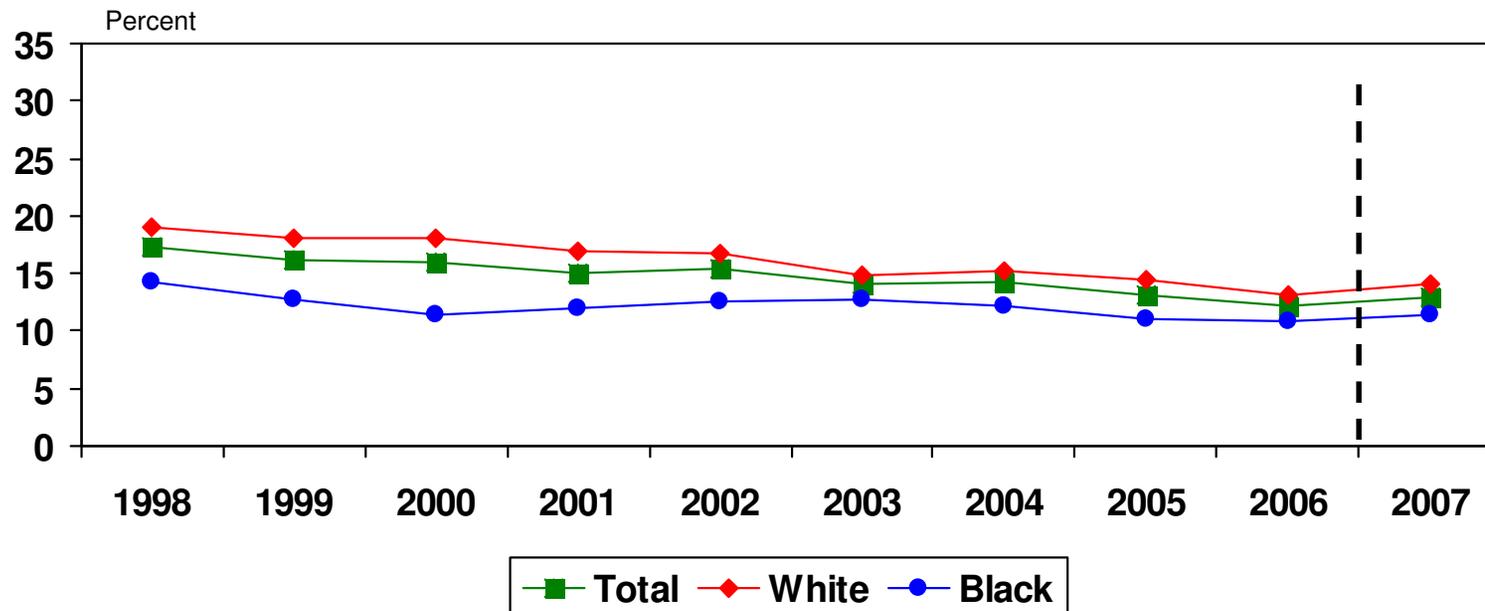


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	18.6	19.4	16.7	17.4	17.2	16.1	14.2	13.7	14.6	15.0
White	18.3	19.4	16.6	17.2	16.9	15.8	13.9	13.7	14.4	15.1
Black	25.0	22.3	21.2	26.3	23.3	21.7	20.6	16.8	17.9	17.5

*Because of birth certificate revisions, the 2007 tobacco data 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, 2011

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Lake County Residents, 1998-2007

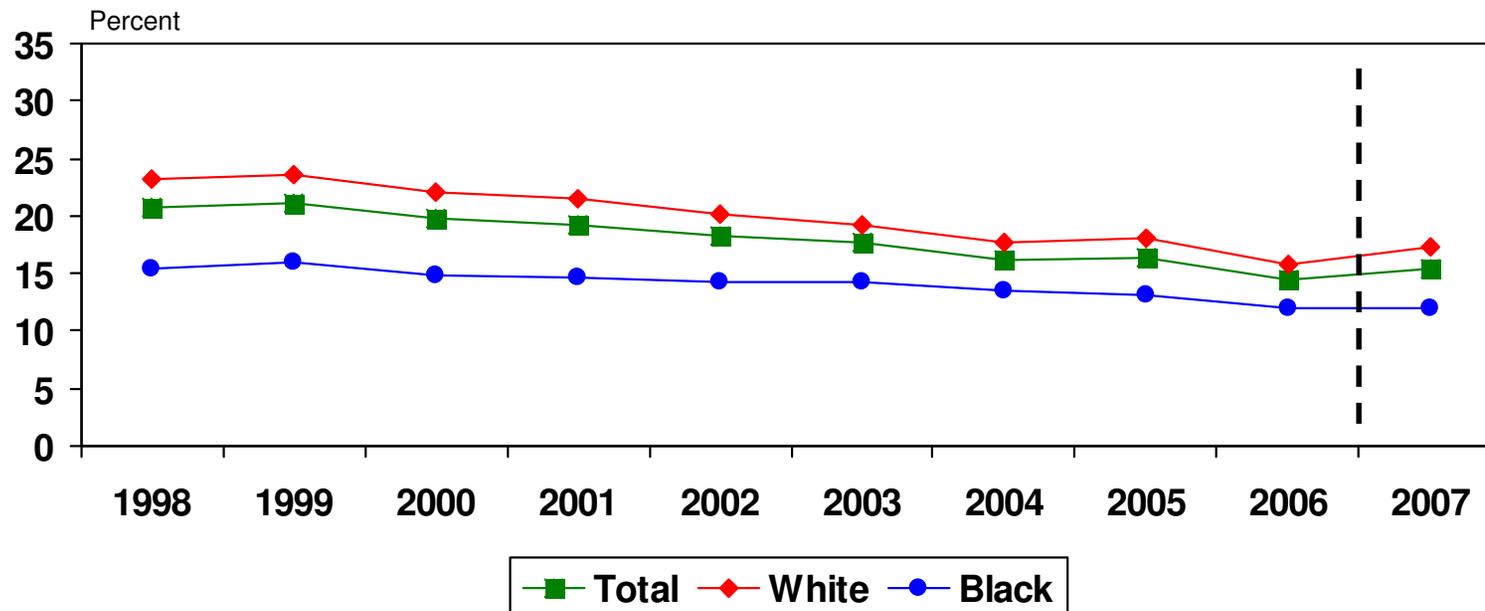


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	17.3	16.2	15.9	15.1	15.4	14.1	14.2	13.2	12.2	13.0
White	19.0	18.1	18.1	16.9	16.8	14.9	15.3	14.4	13.1	14.0
Black	14.3	12.7	11.5	12.0	12.6	12.7	12.2	11.0	10.9	11.5

*Because of birth certificate revisions, the 2007 tobacco data 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, 2011

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Marion County Residents, 1998-2007



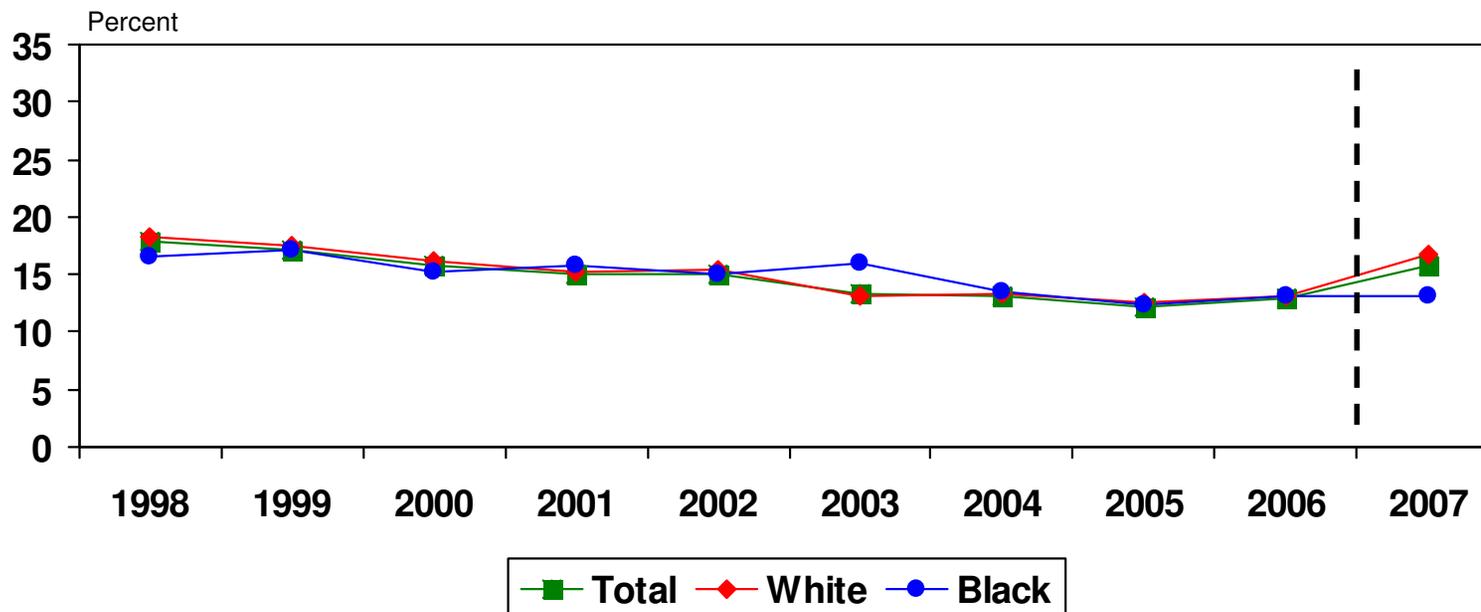
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	20.8	21.1	19.8	19.3	18.2	17.6	16.2	16.4	14.4	15.4
White	23.2	23.5	22.0	21.4	20.1	19.2	17.7	18.0	15.7	17.4
Black	15.5	16.0	14.8	14.7	14.2	14.3	13.6	13.2	12.0	11.9

*Because of birth certificate revisions, the 2007 tobacco data 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, 2011

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

St. Joseph County Residents, 1998-2007

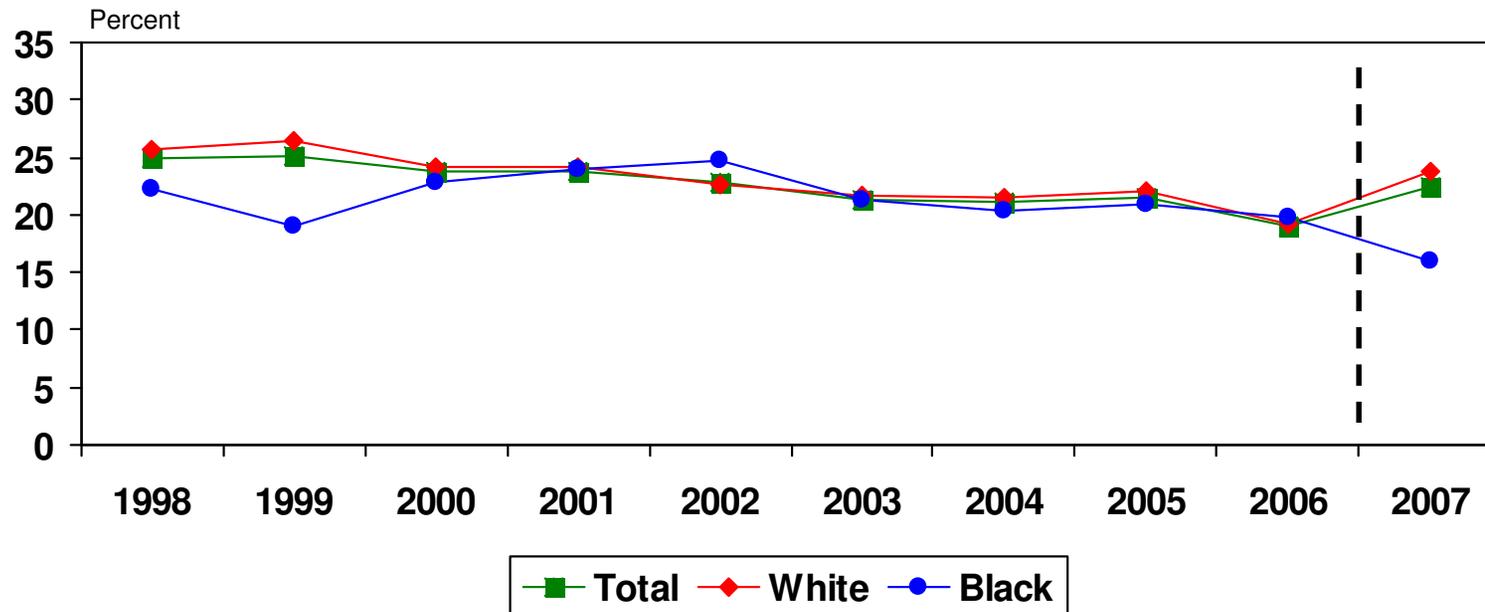


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	17.8	17.1	15.8	15.1	15.0	13.4	13.2	12.2	13.0	15.7
White	18.2	17.5	16.1	15.3	15.4	13.1	13.4	12.5	13.1	16.8
Black	16.5	17.2	15.3	15.7	15.1	15.9	13.5	12.4	13.2	13.2

*Because of birth certificate revisions, the 2007 tobacco data 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, 2011

Percent of Births to Mothers Who Smoked During Pregnancy*, by Race Vanderburgh County Residents, 1998-2007

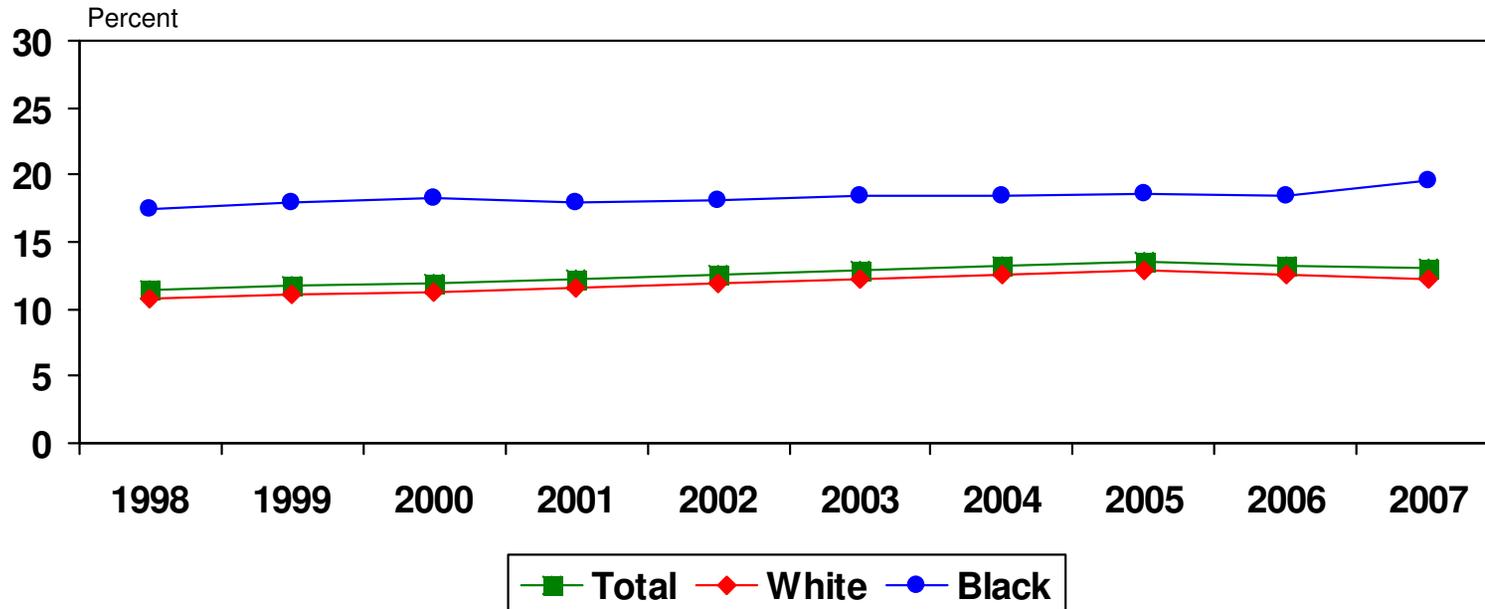


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	24.9	25.2	23.7	23.7	22.8	21.3	21.1	21.5	19.0	22.5
White	25.6	26.4	24.1	24.1	22.7	21.6	21.5	22.0	19.2	23.8
Black	22.3	19.0	22.9	23.9	24.7	21.3	20.3	21.0	19.8	16.0

*Because of birth certificate revisions, the 2007 tobacco data 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, 2011

Percent of Preterm Births** by Race of Mother Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	11.4	11.8	11.9	12.3	12.5	12.9	13.2	13.6	13.2	13.0
White	10.7	11.1	11.2	11.6	11.9	12.2	12.5	12.9	12.5	12.2
Black	17.5	18.0	18.3	17.9	18.1	18.4	18.5	18.6	18.5	19.5

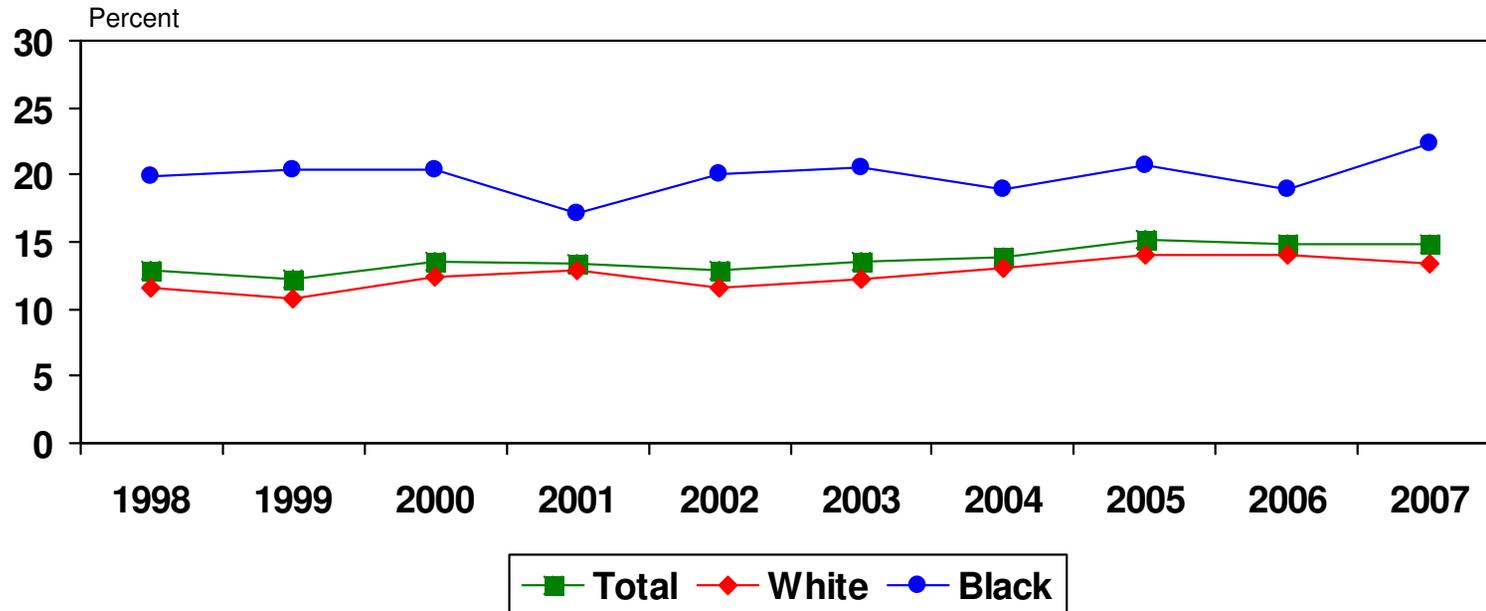
**Preterm birth data in this table are not comparable to preterm data provided in previous MCH Outcomes reports or in the 1998 through 2007 Indiana Natality Reports, because the data were calculated differently. Please see Preface for more details.

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, 2011

Percent of Preterm Births** by Race of Mother Allen County Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	12.8	12.2	13.5	13.4	12.8	13.5	13.9	15.1	14.8	14.9
White	11.5	10.8	12.4	12.8	11.6	12.2	13.0	14.1	14.0	13.3
Black	19.9	20.4	20.4	17.1	20.0	20.5	18.9	20.7	18.9	22.4

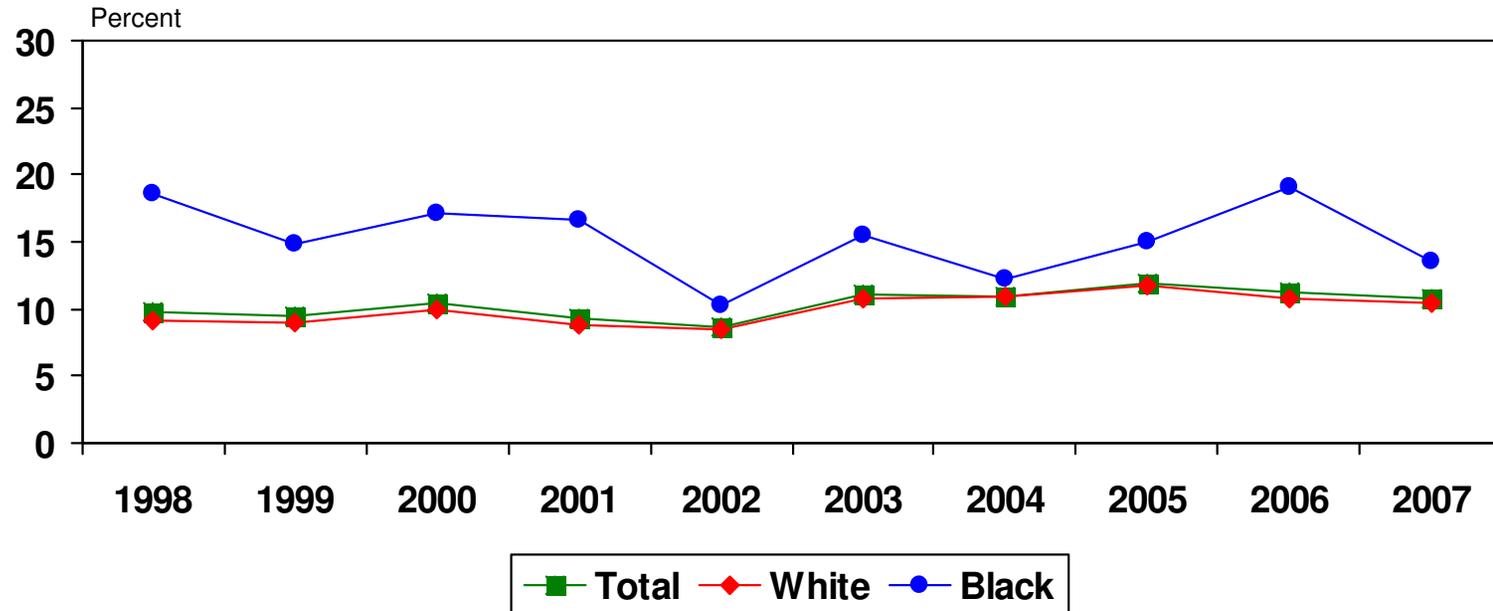
**Preterm birth data in this table are not comparable to preterm data provided in previous MCH Outcomes reports or in the 1998 through 2007 Indiana Natality Reports, because the data were calculated differently. Please see Preface for more details.

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, 2011

Percent of Preterm Births** by Race of Mother Elkhart County Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	9.8	9.4	10.4	9.3	8.6	11.1	11.0	11.9	11.3	10.7
White	9.2	9.0	9.9	8.8	8.4	10.8	10.9	11.7	10.7	10.5
Black	18.6	14.9	17.1	16.6	10.2	15.5	12.2	15.0	19.0	13.5

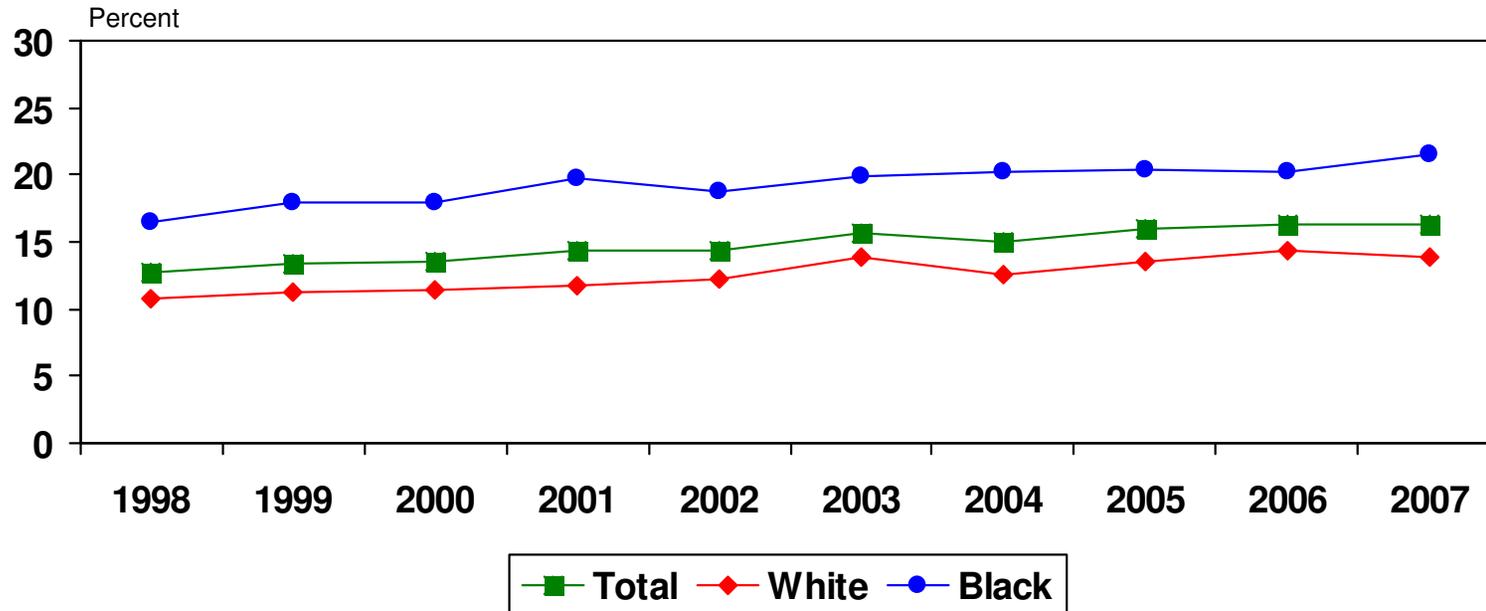
**Preterm birth data in this table are not comparable to preterm data provided in previous MCH Outcomes reports or in the 1998 through 2007 Indiana Natality Reports, because the data were calculated differently. Please see Preface for more details.

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, 2011

Percent of Preterm Births** by Race of Mother Lake County Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	12.7	13.4	13.5	14.4	14.3	15.7	15.0	15.9	16.3	16.3
White	10.8	11.3	11.4	11.7	12.3	13.8	12.6	13.6	14.4	13.9
Black	16.4	17.9	17.9	19.8	18.8	19.9	20.2	20.4	20.2	21.5

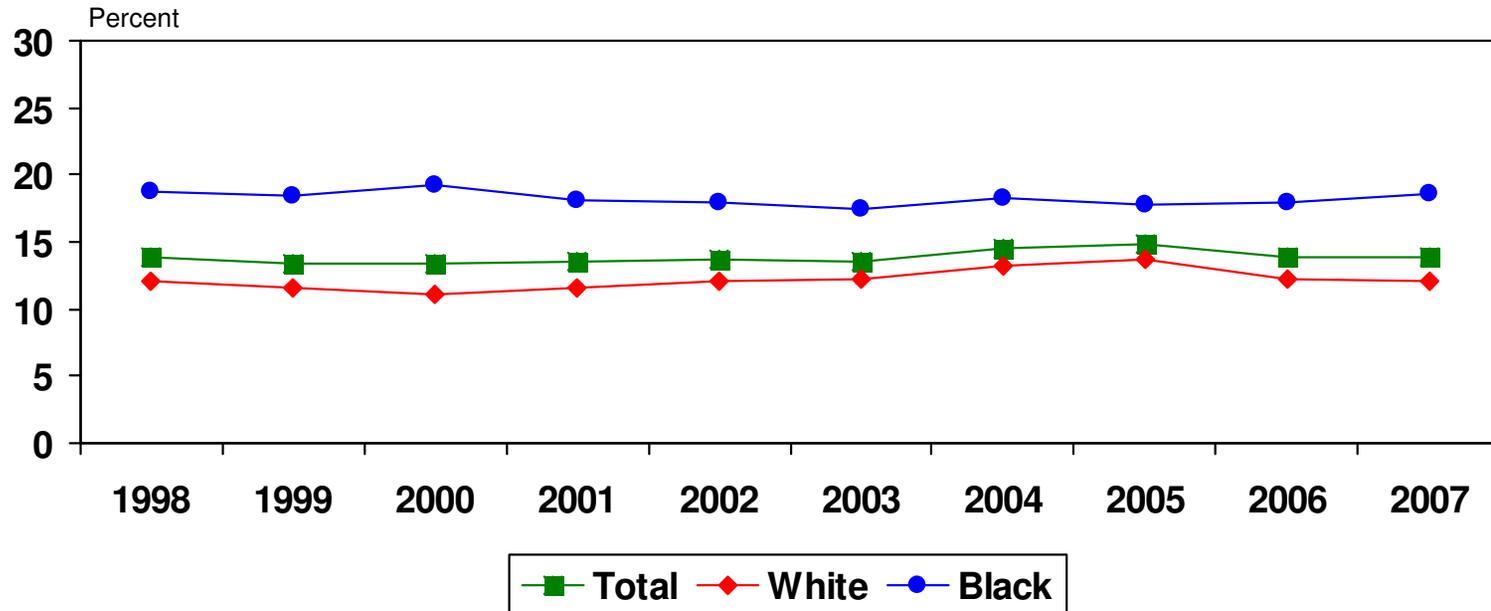
**Preterm birth data in this table are not comparable to preterm data provided in previous MCH Outcomes reports or in the 1998 through 2007 Indiana Natality Reports, because the data were calculated differently. Please see Preface for more details.

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, 2011

Percent of Preterm Births** by Race of Mother Marion County Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	13.9	13.4	13.3	13.5	13.7	13.6	14.5	14.8	13.9	13.9
White	12.1	11.5	11.1	11.6	12.1	12.2	13.2	13.7	12.3	12.0
Black	18.7	18.5	19.2	18.1	18.0	17.4	18.3	17.8	18.0	18.6

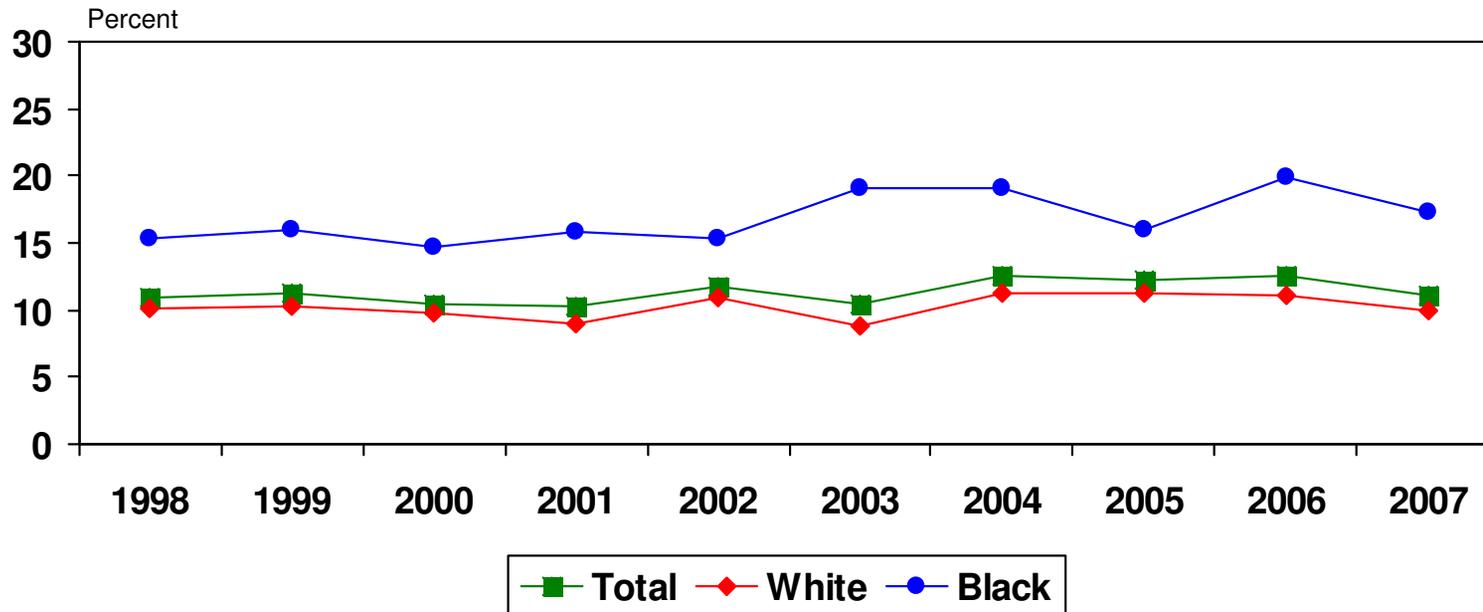
**Preterm birth data in this table are not comparable to preterm data provided in previous MCH Outcomes reports or in the 1998 through 2007 Indiana Natality Reports, because the data were calculated differently. Please see Preface for more details.

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, 2011

Percent of Preterm Births** by Race of Mother St. Joseph County Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	10.9	11.2	10.5	10.3	11.7	10.5	12.6	12.2	12.6	11.1
White	10.1	10.3	9.8	9.0	10.9	8.8	11.3	11.2	11.1	9.9
Black	15.4	15.9	14.6	15.8	15.4	19.1	19.0	15.9	19.9	17.3

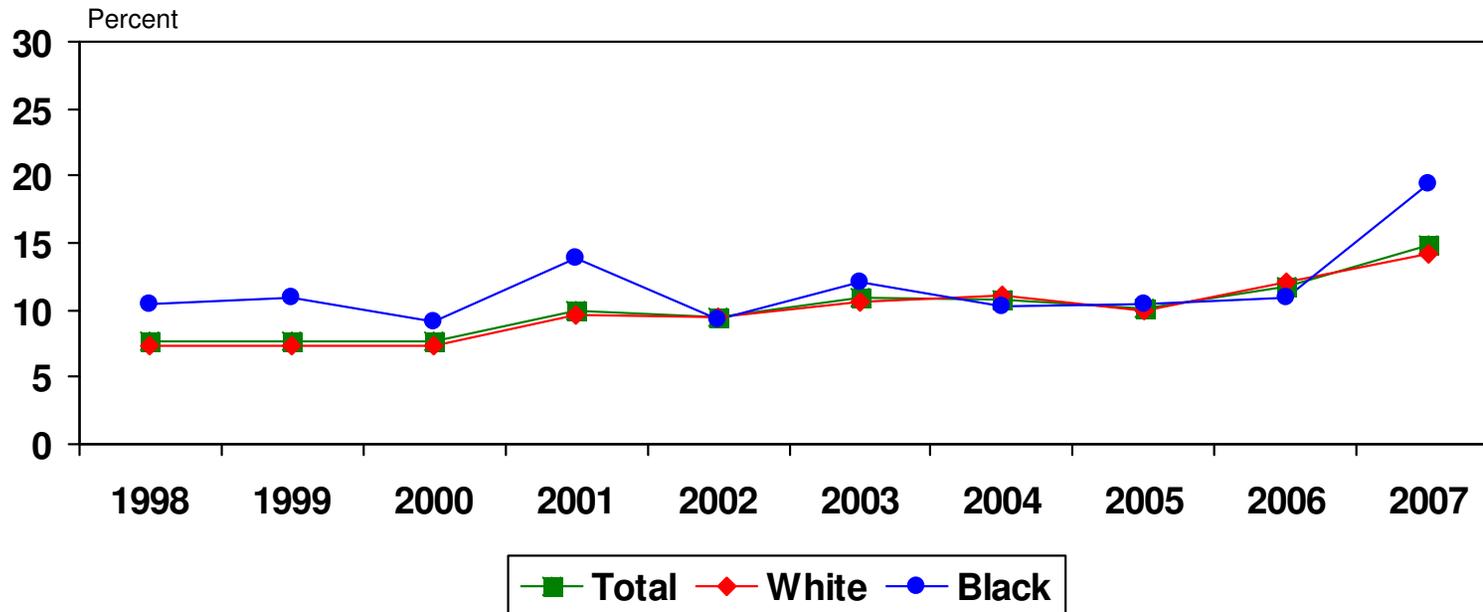
**Preterm birth data in this table are not comparable to preterm data provided in previous MCH Outcomes reports or in the 1998 through 2007 Indiana Natality Reports, because the data were calculated differently. Please see Preface for more details.

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, 2011

Percent of Preterm Births** by Race of Mother Vanderburgh County Residents, 1998-2007



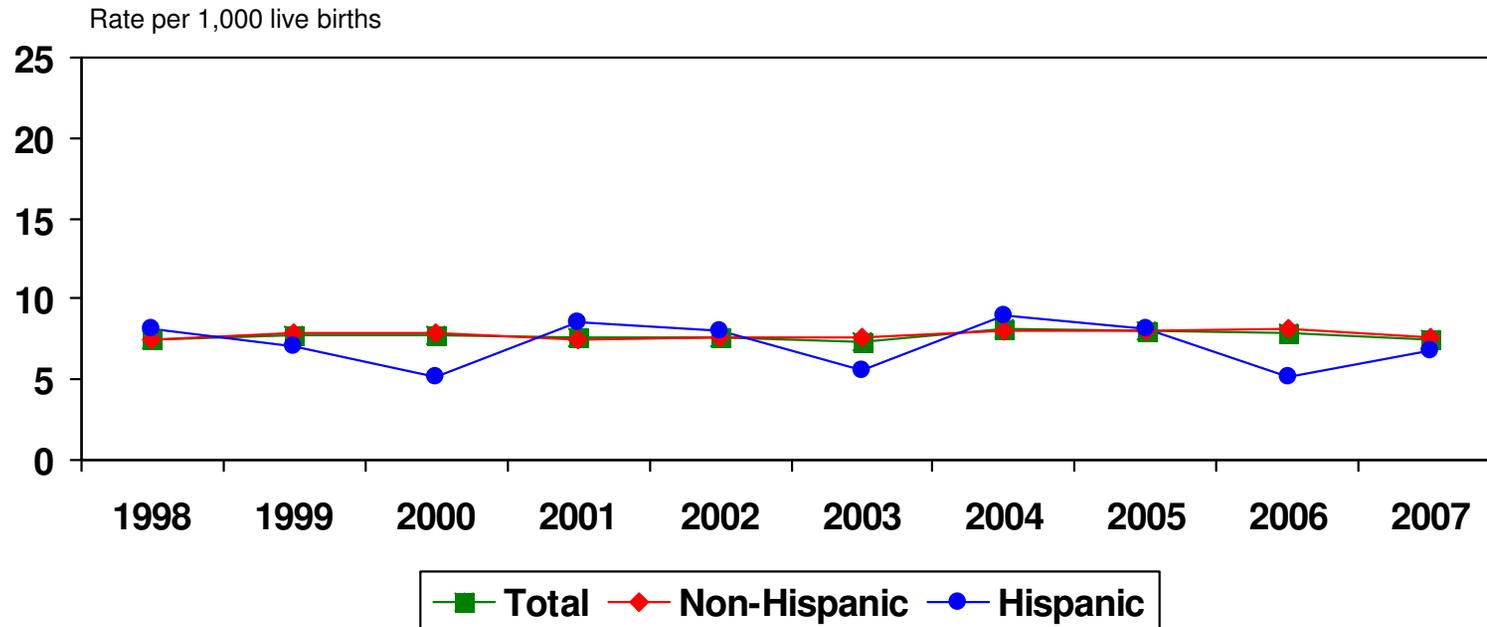
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	11.0	10.9	11.1	14.3	13.7	12.8	14.0	13.8	14.2	14.9
White	10.2	10.0	10.4	13.6	13.4	12.2	14.0	13.1	14.0	14.2
Black	16.8	17.7	16.7	19.1	16.1	17.1	14.7	17.6	16.1	19.4

**Preterm birth data in this table are not comparable to preterm data provided in previous MCH Outcomes reports or in the 1998 through 2007 Indiana Natality 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, 2011

Infant Mortality Rates by Ethnicity Indiana Residents, 1998-2007

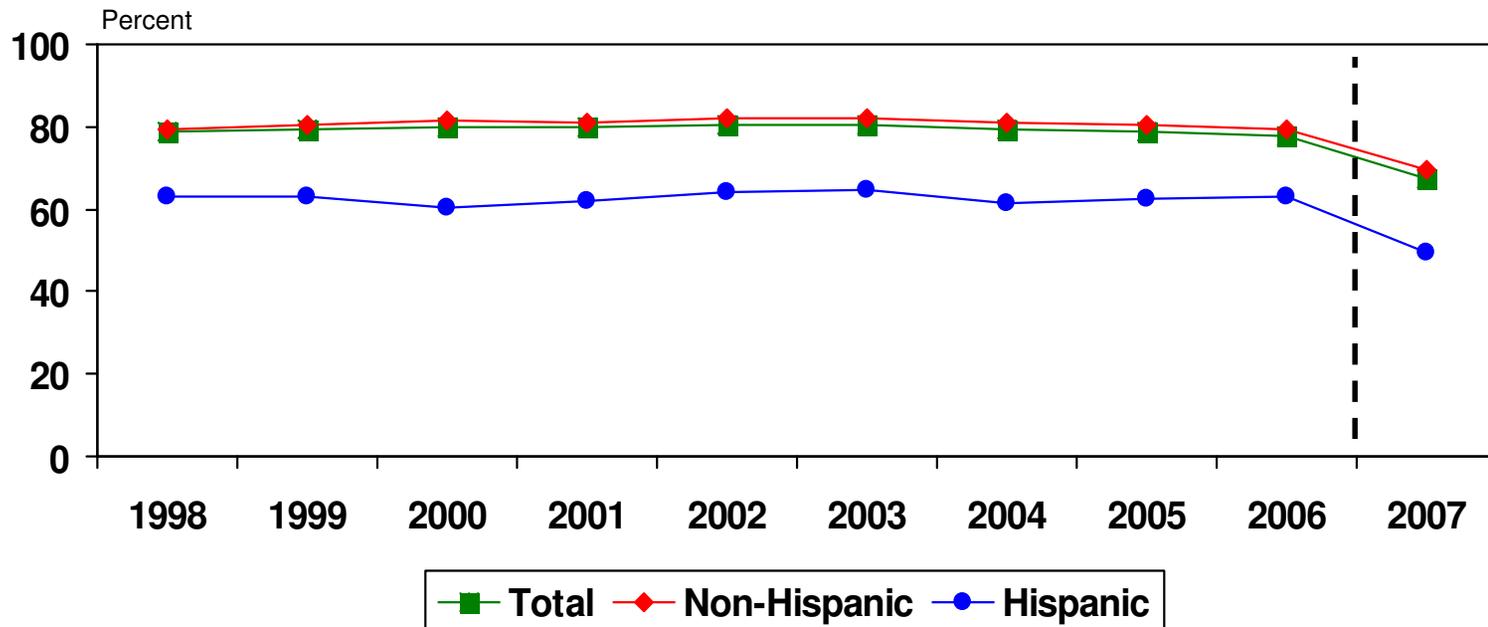


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	7.5	7.8	7.7	7.6	7.6	7.4	8.1	8.0	7.9	7.5
Non-Hispanic	7.5	7.9	7.9	7.5	7.6	7.6	8.0	8.0	8.1	7.6
Hispanic	8.2	7.1	5.2	8.5	8.0	5.6	9.0	8.1	5.2	6.8

Note: Hispanic ethnicity can be of any race.

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Ethnicity Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	78.7	79.5	80.0	79.8	80.5	80.6	79.3	78.9	77.6	67.5
Non-Hispanic	79.4	80.4	81.3	81.1	81.9	82.0	80.9	80.6	79.1	69.5
Hispanic	63.1	62.9	60.2	61.9	63.9	64.6	61.2	62.5	62.8	49.5

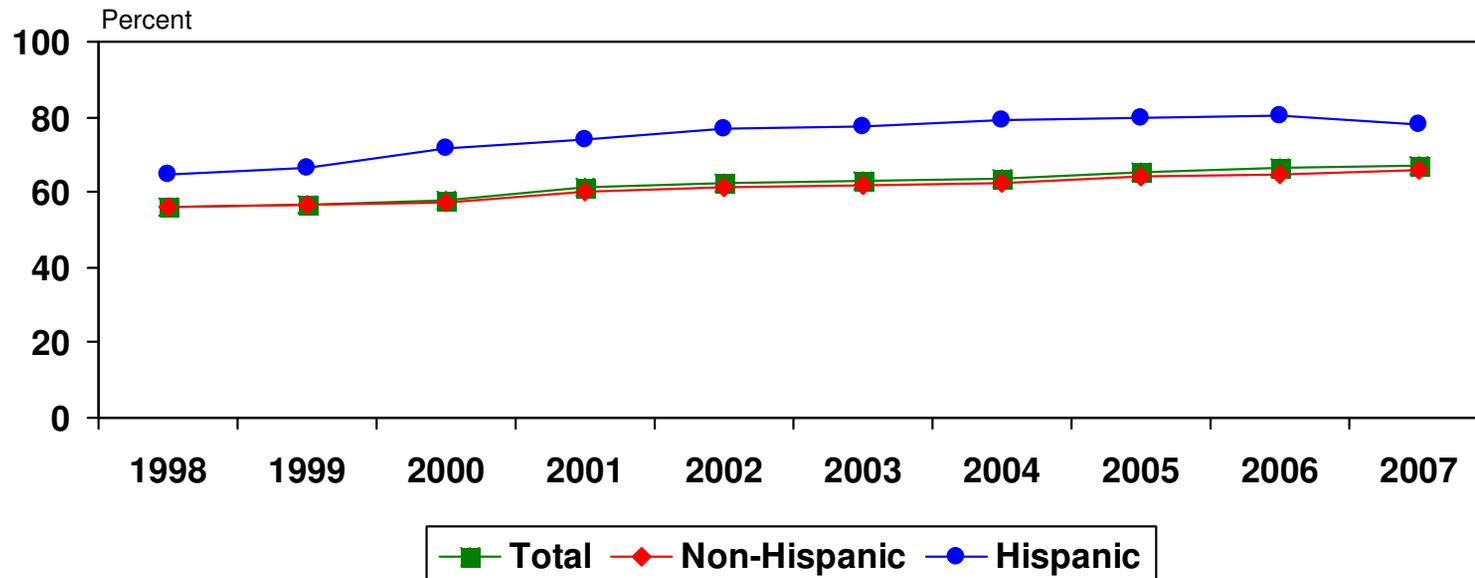
*Because of birth certificate revisions, the 2007 prenatal care data are not strictly comparable with data from prior years. Please see the Preface for more detailed information.

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, 2011

Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Ethnicity Indiana Residents, 1998-2007

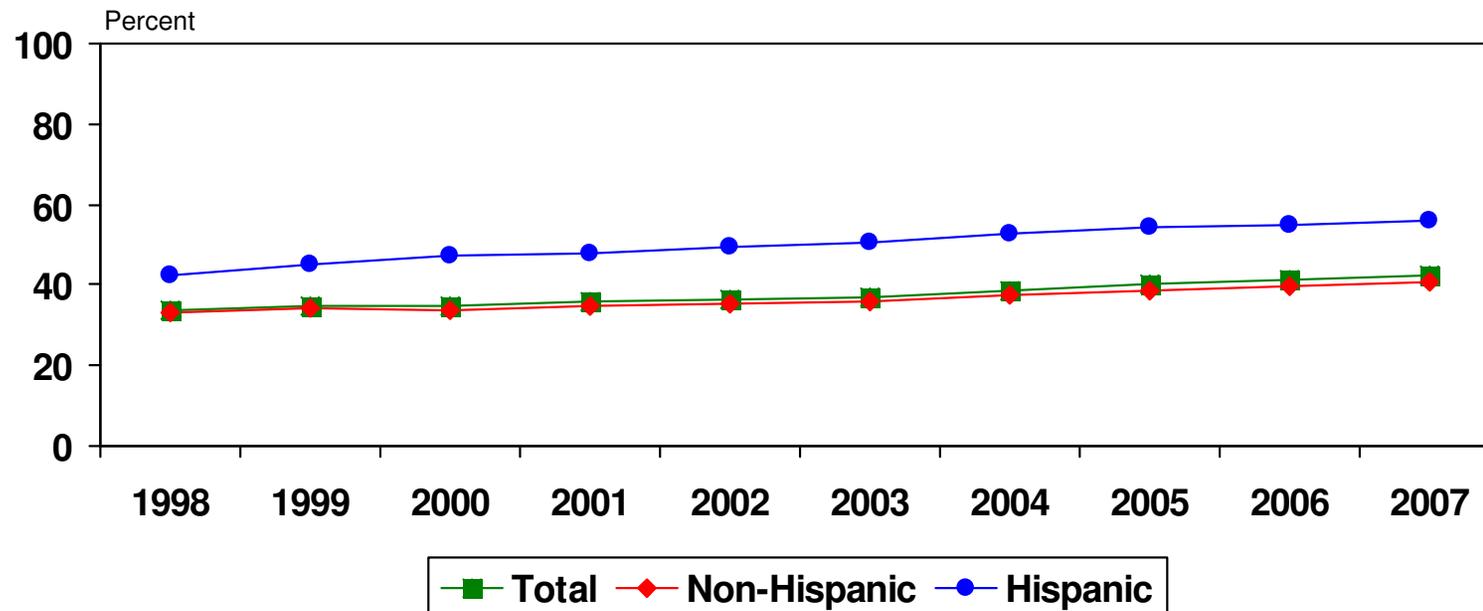


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	55.9	56.8	58.0	61.1	62.4	63.2	63.8	65.3	66.5	67.1
Non-Hispanic	56.1	56.5	57.2	60.2	61.4	62.1	62.4	63.9	65.0	66.0
Hispanic	64.7	66.7	71.6	74.2	76.6	77.7	79.1	79.8	80.4	77.9

Note: Hispanic ethnicity can be of any race.

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

Percent of Live Births to Unmarried Mothers by Ethnicity of Mother Indiana Residents, 1998-2007

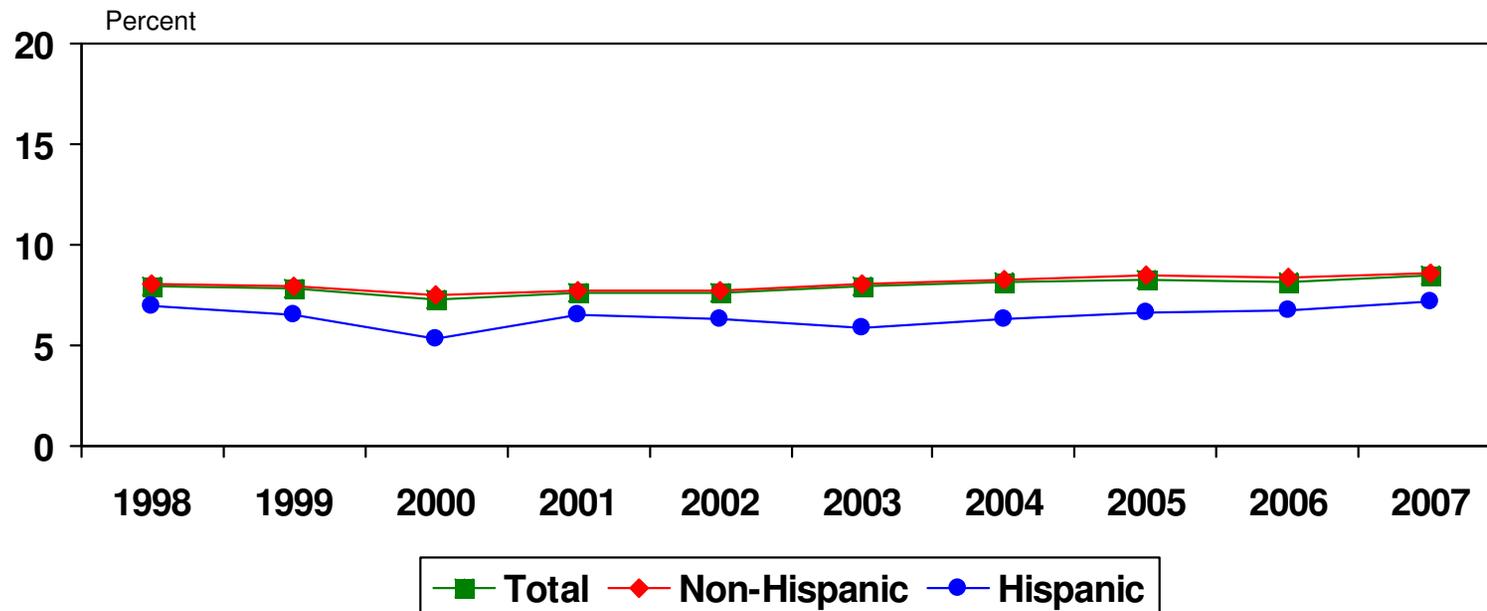


	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	33.6	34.6	34.6	35.6	36.5	37.1	38.8	40.1	41.2	42.4
Non-Hispanic	33.3	34.1	33.7	34.7	35.5	35.9	37.5	38.7	39.8	40.9
Hispanic	42.2	45.2	47.5	47.9	49.7	50.3	52.8	54.5	54.9	56.2

Note: Hispanic ethnicity can be of any race.

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

Percent of Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 1998-2007



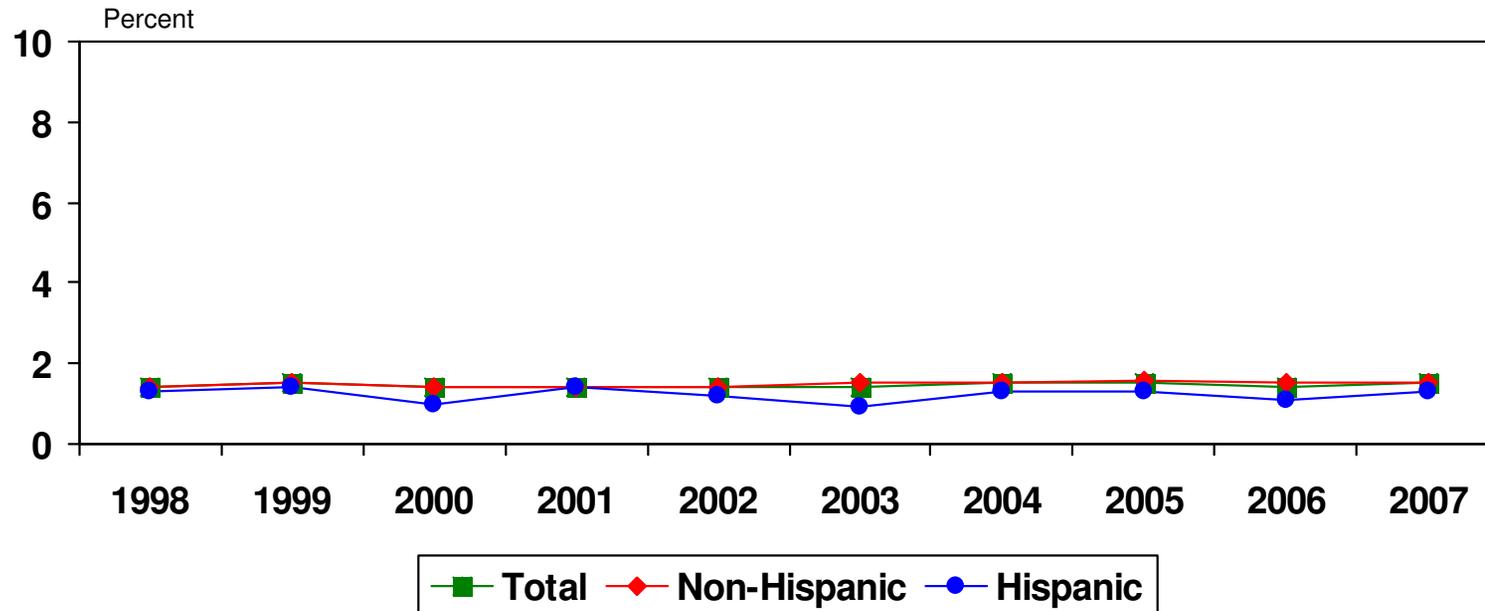
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	7.9	7.8	7.3	7.6	7.6	7.9	8.1	8.3	8.2	8.5
Non-Hispanic	8.0	7.9	7.5	7.7	7.7	8.0	8.3	8.5	8.4	8.6
Hispanic	7.0	6.5	5.3	6.5	6.3	5.9	6.3	6.6	6.7	7.2

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, 2011

Percent of Very Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 1998-2007



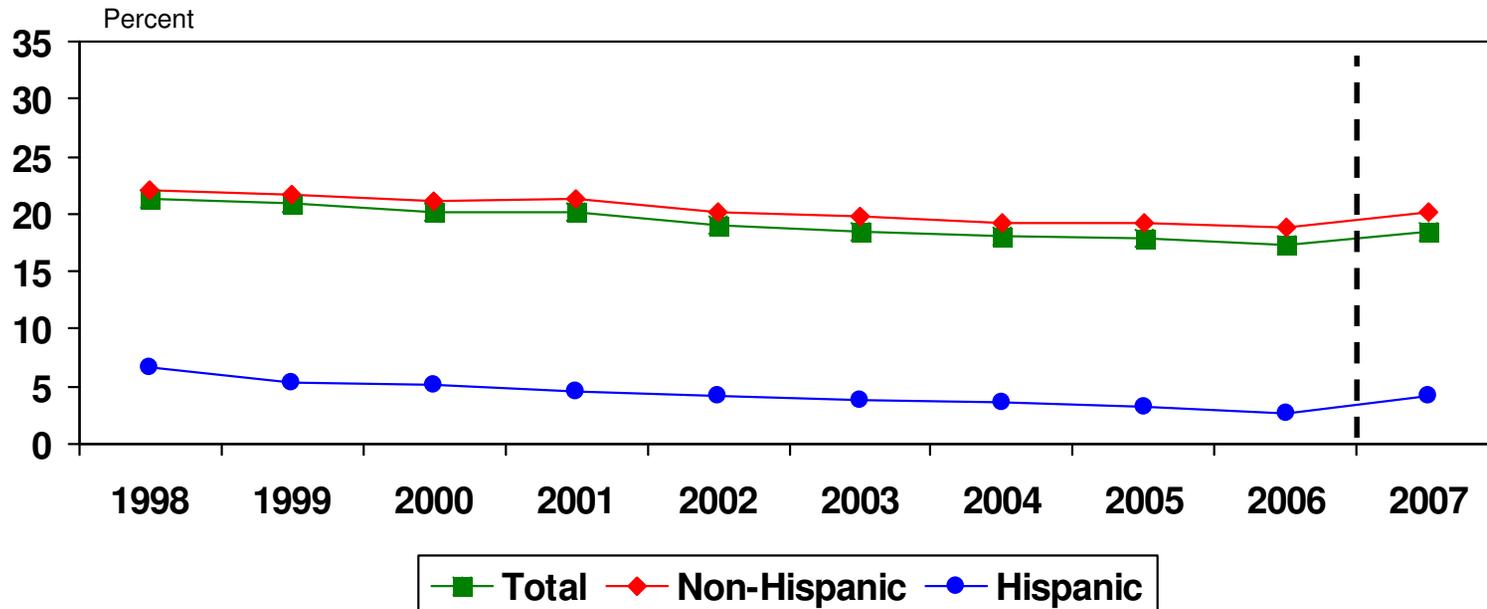
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.5
Non-Hispanic	1.4	1.5	1.4	1.4	1.4	1.5	1.5	1.6	1.5	1.5
Hispanic	1.3	1.4	1.0	1.4	1.2	0.9	1.3	1.3	1.1	1.3

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

Hispanic ethnicity can be of any race.

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

Percent of Births to Mothers Who Smoked During Pregnancy* by Ethnicity Indiana Residents, 1998-2007



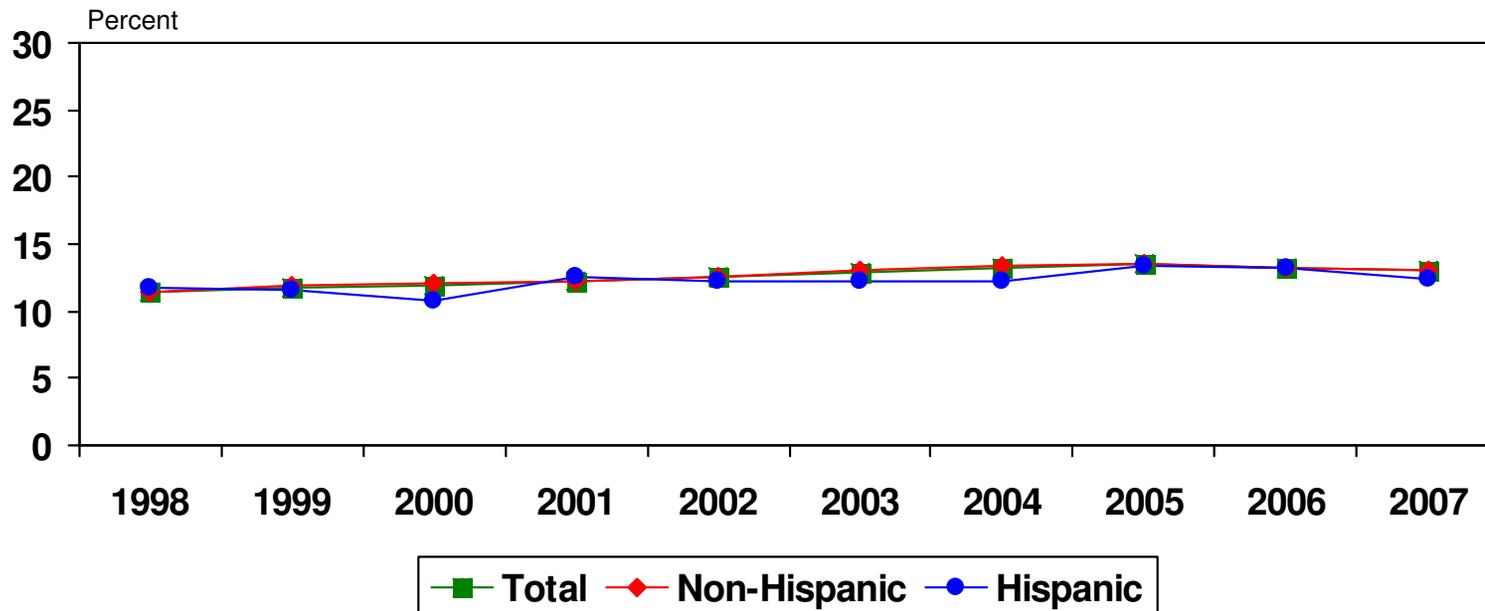
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	21.3	20.9	20.2	20.2	19.1	18.5	18.0	17.9	17.3	18.5
Non-Hispanic	22.0	21.7	21.2	21.3	20.2	19.7	19.3	19.3	18.8	20.1
Hispanic	6.6	5.3	5.1	4.5	4.2	3.8	3.6	3.3	2.7	4.1

*Because of birth certificate revisions, the 2007 tobacco data 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, 2011

Percent of Preterm Births** by Ethnicity of Mother Indiana Residents, 1998-2007



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	11.4	11.8	11.9	12.3	12.5	12.9	13.2	13.6	13.2	13.0
Non-Hispanic	11.4	11.9	12.0	12.3	12.5	13.0	13.3	13.6	13.2	13.1
Hispanic	11.7	11.6	10.7	12.6	12.3	12.2	12.3	13.4	13.2	12.4

**Preterm birth data in this table are not comparable to preterm data provided in previous MCH Outcomes reports or in the 1998 through 2007 Indiana Natality 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.

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

Hispanic ethnicity can be of any race.

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

**Live Births by County of Residence
Indiana Residents, 1998-2007
Total Population**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	98-2007 Avg.
INDIANA	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	89,404	89,719	86,892
Adams	639	537	584	581	615	641	607	641	654	667	617
Allen	5,075	5,079	5,213	5,371	5,161	5,211	5,329	5,295	5,492	5,448	5,267
Bartholomew	1,063	1,076	1,073	999	960	1,004	1,047	1,081	1,096	1,086	1,049
Benton	123	125	125	107	115	118	135	118	110	104	118
Blackford	190	199	146	179	154	163	151	141	148	156	163
Boone	578	614	627	624	645	699	652	694	676	708	652
Brown	145	170	146	158	145	157	115	90	97	137	136
Carroll	264	261	227	216	241	237	250	207	214	230	235
Cass	569	575	592	574	542	548	570	572	567	545	565
Clark	1,295	1,323	1,348	1,311	1,273	1,315	1,315	1,393	1,513	1,450	1,354
Clay	342	343	314	349	373	358	337	325	368	291	340
Clinton	495	497	548	521	503	510	494	510	524	534	514
Crawford	122	140	157	135	130	135	140	104	135	124	132
Daviess	412	463	476	470	475	502	483	508	536	547	487
Dearborn	647	436	673	527	532	629	641	653	587	602	593
Decatur	391	400	377	379	376	387	362	355	365	318	371
DeKalb	634	556	560	616	591	566	554	585	545	571	578
Delaware	1,482	1,423	1,434	1,371	1,300	1,339	1,310	1,305	1,229	1,340	1,353
Dubois	535	558	542	515	565	501	550	563	575	539	544
Elkhart	2,996	3,134	3,315	3,125	3,005	3,194	3,252	3,478	3,562	3,557	3,262
Fayette	342	285	340	302	309	332	304	309	300	304	313
Floyd	853	895	879	852	848	826	870	916	840	878	866
Fountain	255	240	218	238	211	217	213	195	200	209	220
Franklin	279	183	311	232	254	264	328	287	293	310	274
Fulton	264	281	272	252	234	263	245	268	249	267	260
Gibson	426	402	360	419	387	430	416	421	431	452	414
Grant	942	866	948	822	869	799	803	775	877	866	857
Greene	374	364	413	394	425	420	393	380	392	401	396
Hamilton	2,754	2,980	3,211	3,242	3,457	3,637	3,649	3,693	3,713	3,926	3,426
Hancock	725	703	722	725	741	844	824	888	901	897	797

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

**Live Births by County of Residence
Indiana Residents, 1998-2007
Total Population**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	98-2007 Avg.
INDIANA	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	89,404	89,719	86,892
Harrison	459	447	442	457	436	438	435	459	447	473	449
Hendricks	1,187	1,262	1,429	1,541	1,459	1,505	1,552	1,620	1,686	1,859	1,510
Henry	610	609	559	590	558	559	540	567	486	506	558
Howard	1,159	1,249	1,172	1,218	1,119	1,217	1,143	1,089	1,115	1,131	1,161
Huntington	506	526	519	438	488	461	499	451	481	488	486
Jackson	589	560	626	638	629	591	589	622	572	584	600
Jasper	389	427	390	353	405	431	396	465	470	430	416
Jay	331	331	310	305	282	332	287	303	306	320	311
Jefferson	384	364	367	383	332	365	382	363	369	383	369
Jennings	419	423	394	400	389	359	415	403	391	371	396
Johnson	1,597	1,641	1,673	1,649	1,622	1,705	1,765	1,676	1,838	1,913	1,708
Knox	475	473	430	453	393	474	462	471	514	497	464
Kosciusko	1,081	1,134	1,199	1,133	1,032	1,059	1,087	1,067	1,167	1,099	1,106
LaGrange	704	756	741	697	717	720	703	756	714	783	729
Lake	7,134	7,073	7,040	6,936	6,824	6,926	6,975	6,872	6,937	6,759	6,948
LaPorte	1,405	1,453	1,457	1,401	1,360	1,309	1,325	1,364	1,371	1,438	1,388
Lawrence	585	571	618	565	560	547	537	537	534	507	556
Madison	1,741	1,775	1,644	1,710	1,603	1,596	1,636	1,650	1,594	1,674	1,662
Marion	13,917	14,183	14,608	14,373	14,540	14,701	14,868	14,653	15,545	15,401	14,679
Marshall	686	680	688	720	639	701	655	679	662	667	678
Martin	145	155	142	125	145	119	114	140	126	140	135
Miami	443	431	480	479	433	451	438	480	449	433	452
Monroe	1,264	1,261	1,246	1,280	1,239	1,229	1,273	1,309	1,298	1,388	1,279
Montgomery	468	534	478	505	456	466	486	475	448	493	481
Morgan	927	985	958	847	927	873	873	851	871	877	899
Newton	153	208	172	163	156	155	141	133	138	138	156
Noble	719	725	744	717	669	678	739	682	766	703	714
Ohio	59	53	67	69	61	62	64	55	71	60	62
Orange	235	245	274	274	245	239	237	251	246	264	251
Owen	221	263	271	262	246	232	262	247	237	249	249
Parke	183	170	202	164	171	205	157	188	194	204	184

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

**Live Births by County of Residence
Indiana Residents, 1998-2007
Total Population**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	98-2007 Avg.
INDIANA	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	89,404	89,719	86,892
Perry	207	203	238	223	201	233	217	219	236	223	220
Pike	164	168	148	157	141	135	167	159	158	152	155
Porter	1,736	1,815	1,830	1,846	1,797	1,873	1,827	1,793	1,836	1,886	1,824
Posey	283	289	287	269	269	242	292	227	252	250	266
Pulaski	185	194	174	144	159	164	172	159	177	160	169
Putnam	448	430	423	405	406	404	407	408	368	418	412
Randolph	361	355	342	337	305	321	318	298	295	338	327
Ripley	405	334	433	381	374	396	387	406	389	369	387
Rush	245	238	245	259	258	217	196	214	226	223	232
St. Joseph	3,983	3,873	3,964	3,856	3,750	3,706	3,843	3,827	4,013	3,762	3,858
Scott	290	306	348	303	318	293	288	310	352	346	315
Shelby	560	606	627	597	547	537	582	505	539	572	567
Spencer	265	237	268	259	212	232	235	233	237	247	243
Starke	306	297	315	325	305	280	288	279	298	317	301
Steuben	435	403	424	464	421	419	412	440	396	411	423
Sullivan	229	256	254	265	258	266	214	216	235	216	241
Switzerland	112	103	110	102	102	126	110	102	128	135	113
Tippecanoe	1,770	1,838	1,931	1,917	1,941	2,012	2,073	2,081	2,205	2,324	2,009
Tipton	202	177	193	188	219	200	215	177	175	173	192
Union	97	55	112	66	77	74	101	94	92	82	85
Vanderburgh	2,273	2,281	2,336	2,292	2,298	2,356	2,351	2,451	2,520	2,468	2,363
Vermillion	206	213	205	191	205	200	207	200	171	175	197
Vigo	1,406	1,300	1,384	1,275	1,283	1,297	1,309	1,280	1,375	1,338	1,325
Wabash	388	444	431	391	418	373	378	383	393	377	398
Warren	101	81	100	94	101	94	84	83	94	78	91
Warrick	618	599	691	676	616	641	703	631	677	685	654
Washington	350	324	357	363	344	350	360	328	345	328	345
Wayne	918	906	896	894	837	857	943	910	920	886	897
Wells	344	317	372	321	322	381	353	306	387	305	341
White	357	354	350	386	355	325	323	330	322	330	343
Whitley	425	418	418	425	429	427	396	411	361	449	416

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

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

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

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

*Rate per 1,000 live births.

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

Infant Mortality Rates, White, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	PARKE	12.0	34	KOSCIUSKO	6.9
2	JAY	9.7	34	MARION	6.9
3	SHELBY	9.5	34	PORTER	6.9
4	POSEY	9.2	37	LAKE	6.8
4	GRANT	9.2	37	MONTGOMERY	6.8
6	FULTON	9.0	39	ELKHART	6.7
7	WABASH	8.7	40	LAGRANGE	6.6
8	GREENE	8.4	41	WHITE	6.5
8	SULLIVAN	8.4	41	DEKALB	6.5
10	ADAMS	8.3	43	SCOTT	6.4
10	SPENCER	8.3	43	JEFFERSON	6.4
10	DAVISS	8.3	43	LAPORTE	6.4
13	TIPPECANOE	8.2	46	BOONE	6.3
14	CASS	8.1	47	JACKSON	6.2
14	RANDOLPH	8.1	47	HOWARD	6.2
16	LAWRENCE	8.0	49	ST. JOSEPH	6.0
16	HENRY	8.0	49	STEUBEN	6.0
18	WAYNE	7.9	51	CLARK	5.9
19	DELAWARE	7.7	52	ALLEN	5.8
19	CLAY	7.7	52	WHITLEY	5.8
21	VANDEBURGH	7.6	54	DUBOIS	5.6
22	MADISON	7.5	55	DEARBORN	5.5
23	BARTHOLOMEW	7.4	56	HAMILTON	5.4
23	STARKE	7.4	57	JOHNSON	5.3
25	DECATUR	7.3	57	HENDRICKS	5.3
25	MIAMI	7.3	59	PUTNAM	5.2
25	CLINTON	7.3	60	HANCOCK	4.6
28	MONROE	7.2	61	HARRISON	4.5
29	JENNINGS	7.1	62	WARRICK	4.3
30	VIGO	7.0	63	MARSHALL	4.2
30	KNOX	7.0	63	HUNTINGTON	4.2
30	MORGAN	7.0	65	FLOYD	3.9
30	NOBLE	7.0			
				INDIANA	6.6

*Rate per 1,000 live births.

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

Infant Mortality Rates, Black, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DELAWARE	25.4
2	MADISON	20.5
3	ST. JOSEPH	19.8
4	ELKHART	18.5
4	LAPORTE	18.5
6	ALLEN	17.6
7	LAKE	15.9
8	MARION	15.5
9	VANDERBURGH	11.8
	INDIANA	16.3

*Rate per 1,000 live births.

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

Infant Mortality Rates, Non-Hispanic, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	PARKE	12.0	34	CLAY	7.4
2	STEUBEN	11.2	36	FAYETTE	7.3
3	LAKE	10.2	37	MIAMI	7.2
3	JAY	10.2	38	DEKALB	7.0
5	GRANT	9.8	38	MORGAN	7.0
6	MARION	9.7	38	KNOX	7.0
6	DELAWARE	9.7	41	MONROE	6.9
8	SHELBY	9.2	42	PORTER	6.8
9	POSEY	9.1	42	MONTGOMERY	6.8
10	WAYNE	9.0	42	HOWARD	6.8
11	SULLIVAN	8.8	45	BOONE	6.7
12	MADISON	8.7	45	WHITE	6.7
12	WABASH	8.7	47	NOBLE	6.5
12	ST. JOSEPH	8.7	48	SCOTT	6.4
12	CLINTON	8.7	48	JEFFERSON	6.4
12	GREENE	8.7	48	KOSCIUSKO	6.4
12	CASS	8.7	48	CLARK	6.4
18	DAVISS	8.6	52	LAGRANGE	6.2
19	ADAMS	8.5	53	JACKSON	6.0
19	SPENCER	8.5	54	WHITLEY	5.9
21	LAPORTE	8.4	55	HAMILTON	5.7
21	FULTON	8.4	56	GIBSON	5.6
21	LAWRENCE	8.4	57	JOHNSON	5.4
24	STARKE	8.1	57	PUTNAM	5.4
25	ALLEN	8.0	59	HANCOCK	5.3
26	VANDERBURGH	7.9	59	DEARBORN	5.3
26	VIGO	7.9	61	HENDRICKS	5.2
28	HENRY	7.8	62	DUBOIS	5.0
28	ELKHART	7.8	63	WARRICK	4.8
30	DECATUR	7.7	64	HARRISON	4.5
30	RANDOLPH	7.7	65	MARSHALL	4.4
32	BARTHOLOMEW	7.6	66	HUNTINGTON	4.2
33	TIPPECANOE	7.5	67	FLOYD	4.1
34	JENNINGS	7.4			
				INDIANA	7.8

*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, 2011

Infant Mortality Rates, Hispanic, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	11.3
2	LAKE	7.5
3	ELKHART	6.8
4	MARION	6.6
5	ST. JOSEPH	5.8
6	ALLEN	4.8
	INDIANA	7.1

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

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

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

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	JAY	7.1	21	VANDERBURGH	5.0
1	SHELBY	7.1	21	LAPORTE	5.0
3	MARION	6.5	23	VIGO	4.8
4	GRANT	6.4	24	DAVISS	4.7
4	DELAWARE	6.4	24	LAGRANGE	4.7
6	GREENE	6.3	26	MORGAN	4.6
6	LAKE	6.3	27	KNOX	4.5
8	ADAMS	6.2	27	PORTER	4.5
9	TIPPECANOE	6.0	27	ELKHART	4.5
10	LAWRENCE	5.9	30	HAMILTON	4.3
11	WAYNE	5.7	30	KOSCIUSKO	4.3
11	ST. JOSEPH	5.7	32	NOBLE	4.2
13	CASS	5.5	33	HENDRICKS	4.1
14	MADISON	5.4	34	HOWARD	4.0
14	HENRY	5.4	35	DEARBORN	3.9
16	CLINTON	5.3	36	WARRICK	3.7
17	BARTHOLOMEW	5.2	37	JOHNSON	3.6
17	BOONE	5.2	37	CLARK	3.6
19	ALLEN	5.1	39	HANCOCK	3.4
19	MONROE	5.1			
				INDIANA	5.1

*Rate per 1,000 live births.

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

Neonatal Mortality Rates, White, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	JAY	7.1	18	VANDERBURGH	4.7
2	SHELBY	6.7	21	KNOX	4.6
3	ADAMS	6.2	21	MORGAN	4.6
4	GREENE	6.1	23	LAGRANGE	4.5
4	TIPPECANOE	6.1	24	PORTER	4.3
6	LAWRENCE	5.8	24	ST. JOSEPH	4.3
7	GRANT	5.6	24	NOBLE	4.3
8	HENRY	5.5	24	KOSCIUSKO	4.3
9	CLINTON	5.3	28	HENDRICKS	4.2
10	CASS	5.2	29	ELKHART	4.1
10	MONROE	5.2	29	VIGO	4.1
10	MADISON	5.2	31	HOWARD	4.0
10	WAYNE	5.2	31	HAMILTON	4.0
14	DELAWARE	5.0	33	ALLEN	3.7
15	BARTHOLOMEW	4.9	34	LAPORTE	3.6
15	BOONE	4.9	34	DEARBORN	3.6
17	DAVISS	4.8	36	JOHNSON	3.5
18	MARION	4.7	37	CLARK	3.3
18	LAKE	4.7	38	HANCOCK	2.9
				INDIANA	4.3

*Rate per 1,000 live births.

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

Neonatal Mortality Rates, Black, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DELAWARE	17.9
2	ALLEN	12.5
3	LAPORTE	12.1
4	ST. JOSEPH	11.7
5	MARION	10.8
6	LAKE	9.7
7	ELKHART	9.3
	INDIANA	10.7

*Rate per 1,000 live births.

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

Neonatal Mortality Rates, Non-Hispanic, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	JAY	7.5	20	VANDERBURGH	4.9
2	MARION	6.7	20	BARTHOLOMEW	4.9
3	SHELBY	6.6	20	MONROE	4.9
4	LAKE	6.5	23	VIGO	4.8
5	GREENE	6.4	23	DAVISS	4.8
5	ADAMS	6.4	25	MORGAN	4.6
7	DELAWARE	6.3	25	KNOX	4.6
8	CLINTON	6.2	27	ELKHART	4.5
9	LAWRENCE	6.0	28	PORTER	4.4
9	GRANT	6.0	28	HAMILTON	4.4
11	ST. JOSEPH	5.9	30	KOSCIUSKO	4.3
12	CASS	5.8	31	HENDRICKS	4.1
13	WAYNE	5.6	32	HOWARD	4.0
13	TIPPECANOE	5.6	32	LAGRANGE	4.0
15	MADISON	5.4	34	WARRICK	3.7
16	BOONE	5.3	34	NOBLE	3.7
17	ALLEN	5.2	36	CLARK	3.6
18	HENRY	5.1	36	JOHNSON	3.6
19	LAPORTE	5.0	38	HANCOCK	3.4
				INDIANA	5.1

*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, 2011

Neonatal Mortality Rates, Hispanic, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	8.9
2	LAKE	5.3
3	MARION	4.6
4	ELKHART	4.5
	INDIANA	4.9

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

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

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

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DEKALB	3.6
1	GRANT	3.6
3	LAKE	3.5
4	DELAWARE	3.4
5	MADISON	3.3
6	LAPORTE	3.2
6	WAYNE	3.2
6	VIGO	3.2
9	ELKHART	3.1
9	VANDERBURGH	3.1
11	MARION	2.9
12	NOBLE	2.8
12	ST. JOSEPH	2.8
12	HOWARD	2.8
15	KOSCIUSKO	2.7
15	CLARK	2.7
17	ALLEN	2.6
17	PORTER	2.6
19	BARTHOLOMEW	2.5
20	MORGAN	2.3
20	FLOYD	2.3
22	TIPPECANOE	2.0
22	MONROE	2.0
24	JOHNSON	1.9
25	HAMILTON	1.3
	INDIANA	2.6

*Rate per 1,000 live births.

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

Postneonatal Mortality Rates, White, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GRANT	3.5
2	VIGO	2.9
2	VANDEBURGH	2.9
4	WAYNE	2.8
5	DELAWARE	2.7
5	LAPORTE	2.7
5	KOSCIUSKO	2.7
8	CLARK	2.6
8	ELKHART	2.6
8	PORTER	2.6
11	BARTHOLOMEW	2.4
11	MORGAN	2.4
13	MADISON	2.3
14	MARION	2.2
14	HOWARD	2.2
16	LAKE	2.1
16	ALLEN	2.1
16	TIPPECANOE	2.1
19	MONROE	2.0
20	JOHNSON	1.8
21	ST. JOSEPH	1.7
22	HAMILTON	1.4
	INDIANA	2.3

*Rate per 1,000 live births.

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

Postneonatal Mortality Rates, Black, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	ELKHART	9.3
2	ST. JOSEPH	8.1
3	LAKE	6.2
4	ALLEN	5.1
5	MARION	4.7
	INDIANA	5.7

*Rate per 1,000 live births.

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

Postneonatal Mortality Rates, Non-Hispanic, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DEKALB	3.8
1	GRANT	3.8
3	LAKE	3.7
4	LAPORTE	3.4
4	WAYNE	3.4
4	DELAWARE	3.4
7	MADISON	3.3
7	ELKHART	3.3
9	VIGO	3.1
10	MARION	3.0
10	VANDEBURGH	3.0
12	ST. JOSEPH	2.9
13	CLARK	2.8
13	ALLEN	2.8
15	HOWARD	2.7
15	BARTHOLOMEW	2.7
17	PORTER	2.5
18	FLOYD	2.4
18	MORGAN	2.4
20	KOSCIUSKO	2.1
21	MONROE	2.0
22	TIPPECANOE	1.9
22	JOHNSON	1.9
24	HAMILTON	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, 2011

Postneonatal Mortality Rates, Hispanic, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	LAKE	2.2
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, 2011

Prenatal Care Began in First Trimester, Total Population, Indiana Residents, 1998-2007

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	46.9	46	MADISON	82.8
2	ELKHART	64.7	48	CRAWFORD	82.9
3	ADAMS	67.1	49	JASPER	83.0
4	DAVISS	69.8	50	PULASKI	83.2
5	CLINTON	72.5	51	RUSH	83.4
6	GRANT	74.3	52	STARKE	83.6
6	NOBLE	74.3	53	PERRY	83.7
8	LAPORTE	74.9	54	CLAY	83.8
9	CASS	75.5	55	BROWN	83.9
10	SCOTT	76.4	55	RANDOLPH	83.9
11	PARKE	76.5	57	BENTON	84.0
12	JAY	76.7	57	FAYETTE	84.0
12	MARION	76.7	59	TIPPECANOE	84.2
14	ST. JOSEPH	77.3	59	CARROLL	84.2
15	CLARK	78.0	61	WARREN	84.3
16	STEUBEN	78.9	62	PUTNAM	84.4
16	JACKSON	78.9	62	SHELBY	84.4
18	WASHINGTON	79.1	62	UNION	84.4
18	SWITZERLAND	79.1	62	VIGO	84.4
20	LAKE	79.3	66	MORGAN	84.5
20	JENNINGS	79.3	67	KNOX	84.6
22	JEFFERSON	79.4	68	SULLIVAN	84.9
23	FULTON	79.5	69	FRANKLIN	85.1
23	KOSCIUSKO	79.5	70	RIPLEY	85.2
25	WAYNE	79.8	71	HARRISON	85.5
26	FOUNTAIN	80.1	72	TIPTON	85.6
27	ORANGE	80.4	73	VANDERBURGH	85.9
27	VERMILLION	80.4	74	WHITLEY	86.4
29	OWEN	80.5	75	SPENCER	86.5
29	DECATUR	80.5	76	BLACKFORD	87.0
31	FLOYD	80.6	77	GIBSON	87.1
31	HOWARD	80.6	78	HUNTINGTON	87.6
33	DEKALB	81.1	79	WELLS	87.8
34	GREENE	81.5	80	BOONE	88.1
34	WABASH	81.5	80	PIKE	88.1
34	MIAMI	81.5	82	DELAWARE	88.2
37	NEWTON	81.7	82	DUBOIS	88.2
38	ALLEN	81.8	84	POSEY	88.6
39	MONTGOMERY	82.0	85	JOHNSON	88.8
39	MARSHALL	82.0	86	HENRY	89.0
41	PORTER	82.1	87	HAMILTON	89.2
42	BARTHOLOMEW	82.2	88	OHIO	89.6
43	MONROE	82.3	88	WARRICK	89.6
44	WHITE	82.6	90	HENDRICKS	89.8
45	LAWRENCE	82.7	91	DEARBORN	90.7
46	MARTIN	82.8	92	HANCOCK	91.1
				INDIANA	80.4

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

Note: The 2007 prenatal care data are not comparable with the 1998-2006 data, but this table has ten years of data combined.

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

Prenatal Care Began in First Trimester, White, Indiana Residents, 1998-2007

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	46.9	46	PULASKI	83.2
2	ELKHART	65.7	48	RUSH	83.5
3	ADAMS	67.1	49	STARKE	83.7
4	DAVISS	69.9	49	BROWN	83.7
5	CLINTON	72.6	51	LAKE	83.9
6	NOBLE	74.5	51	BENTON	83.9
7	CASS	75.8	51	CLAY	83.9
8	GRANT	76.2	51	PERRY	83.9
9	SCOTT	76.5	55	RANDOLPH	84.1
9	PARKE	76.5	56	WARREN	84.2
11	JAY	76.6	56	MADISON	84.2
12	LAPORTE	77.4	56	FAYETTE	84.2
13	STEUBEN	78.9	56	CARROLL	84.2
14	JACKSON	79.0	60	SHELBY	84.3
15	SWITZERLAND	79.1	61	PUTNAM	84.4
16	WASHINGTON	79.2	61	TIPPECANOE	84.4
16	CLARK	79.2	63	MORGAN	84.5
18	JENNINGS	79.3	64	UNION	84.6
19	FULTON	79.4	65	KNOX	84.7
20	JEFFERSON	79.5	65	ALLEN	84.7
21	KOSCIUSKO	79.7	67	FRANKLIN	85.1
22	MARION	79.9	67	SULLIVAN	85.1
23	FOUNTAIN	80.1	67	VIGO	85.1
24	ST. JOSEPH	80.5	70	RIPLEY	85.2
24	VERMILLION	80.5	71	HARRISON	85.6
26	ORANGE	80.6	72	TIPTON	85.7
26	DECATUR	80.6	73	WHITLEY	86.5
28	WAYNE	80.7	74	SPENCER	86.7
28	OWEN	80.7	75	BLACKFORD	87.1
30	DEKALB	81.1	76	GIBSON	87.3
31	GREENE	81.6	77	VANDERBURGH	87.6
31	WABASH	81.6	77	HUNTINGTON	87.6
33	MIAMI	81.7	79	WELLS	87.8
33	HOWARD	81.7	80	PIKE	88.0
35	NEWTON	81.9	81	BOONE	88.2
35	FLOYD	81.9	82	DUBOIS	88.4
37	MARSHALL	82.0	83	POSEY	88.8
38	MONTGOMERY	82.3	83	JOHNSON	88.8
38	BARTHOLOMEW	82.3	85	HENRY	89.1
38	PORTER	82.3	86	DELAWARE	89.3
41	MARTIN	82.7	86	HAMILTON	89.3
42	MONROE	82.9	88	WARRICK	89.7
42	WHITE	82.9	89	OHIO	89.9
44	JASPER	83.0	89	HENDRICKS	89.9
44	LAWRENCE	83.0	91	DEARBORN	90.9
46	CRAWFORD	83.2	92	HANCOCK	91.2
				INDIANA	82.0

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

Note: The 2007 prenatal care data are not comparable with the 1998-2006 data, but this table has ten years of data combined.

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

Prenatal Care Began in First Trimester, Black, Indiana Residents, 1998-2007

(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	50.1
2	CASS	51.1
3	GRANT	57.7
4	KOSCIUSKO	59.4
5	LAPORTE	60.0
6	ST. JOSEPH	61.8
7	FLOYD	63.3
8	CLARK	65.2
9	ALLEN	65.4
10	WAYNE	66.4
11	MONTGOMERY	66.7
12	HOWARD	67.7
13	BARTHOLOMEW	68.2
14	MARION	68.3
15	MIAMI	69.0
16	LAKE	69.6
17	MONROE	70.3
18	MADISON	70.5
19	JEFFERSON	70.6
19	POSEY	70.6
21	GIBSON	71.0
22	TIPPECANOE	72.7
23	KNOX	73.8
24	VIGO	74.1
24	VANDEBURGH	74.1
26	PORTER	75.9
27	DEARBORN	76.9
27	BOONE	76.9
29	DELAWARE	78.5
30	FAYETTE	79.5
31	JOHNSON	80.0
32	HAMILTON	81.7
32	HENDRICKS	81.7
34	WARRICK	82.5
35	SHELBY	83.3
36	PUTNAM	85.2
37	HANCOCK	87.5
38	HENRY	88.6
	INDIANA	67.9

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

Note: The 2007 prenatal care data are not comparable with the 1998-2006 data, but this table has ten years of data combined.

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

Prenatal Care Began in First Trimester, Non-Hispanic, Indiana Residents, 1998-2007

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	45.9	47	RUSH	83.6
2	ADAMS	67.1	48	BARTHOLOMEW	83.7
3	ELKHART	68.3	48	CLAY	83.7
4	DAVISS	70.3	50	MADISON	83.8
5	GRANT	75.1	51	STARKE	83.9
6	LAPORTE	75.4	51	PERRY	83.9
7	SCOTT	76.5	53	BROWN	84.0
7	JAY	76.5	54	UNION	84.1
7	PARKE	76.5	54	WARREN	84.1
10	NOBLE	78.0	56	FAYETTE	84.3
11	ST. JOSEPH	78.1	56	BENTON	84.3
12	SWITZERLAND	78.8	58	PUTNAM	84.4
13	MARION	79.0	59	JASPER	84.5
14	CLARK	79.2	59	MORGAN	84.5
14	WASHINGTON	79.2	61	VIGO	84.6
16	JENNINGS	79.6	62	KNOX	84.7
17	FULTON	79.7	62	RANDOLPH	84.7
18	CASS	79.8	64	FRANKLIN	85.0
18	JEFFERSON	79.8	65	SULLIVAN	85.1
20	LAKE	79.9	66	SHELBY	85.7
21	VERMILLION	80.5	67	HARRISON	85.8
21	CLINTON	80.5	67	RIPLEY	85.8
21	OWEN	80.5	69	CARROLL	85.9
24	FOUNTAIN	80.6	70	WHITE	86.2
24	JACKSON	80.6	70	VANDEBURGH	86.2
24	ORANGE	80.6	70	TIPTON	86.2
27	WAYNE	80.8	73	TIPPECANOE	86.3
28	DECATUR	80.9	74	WHITLEY	86.6
29	HOWARD	81.0	75	GIBSON	87.0
29	KOSCIUSKO	81.0	76	BLACKFORD	87.1
31	FLOYD	81.3	77	SPENCER	87.6
32	GREENE	81.5	78	HUNTINGTON	87.9
33	MIAMI	81.6	79	PIKE	88.1
33	DEKALB	81.6	80	DELAWARE	88.3
35	WABASH	81.7	81	WELLS	88.4
36	ALLEN	82.4	81	BOONE	88.4
37	MONROE	82.5	83	POSEY	88.6
38	PORTER	82.6	84	HENRY	89.1
39	MARSHALL	82.7	85	JOHNSON	89.5
40	NEWTON	82.8	86	WARRICK	89.7
41	LAWRENCE	82.9	87	DUBOIS	89.8
42	MARTIN	83.0	88	HAMILTON	89.9
43	STEBEN	83.1	89	HENDRICKS	90.0
44	PULASKI	83.2	90	DEARBORN	90.3
44	CRAWFORD	83.2	90	OHIO	90.3
46	MONTGOMERY	83.4	92	HANCOCK	91.3
				INDIANA	81.7

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

Notes: The 2007 prenatal care data are not comparable with the 1998-2006 data, 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, 2011

Prenatal Care Began in First Trimester, Hispanic, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	CLINTON	42.4	37	STARKE	66.7
2	DECATUR	46.5	37	KNOX	66.7
3	FLOYD	48.8	39	ST. JOSEPH	68.8
4	STEUBEN	49.4	40	TIPPECANOE	69.0
5	ELKHART	50.6	41	SCOTT	69.4
6	RIPLEY	52.9	42	BOONE	69.6
6	JENNINGS	52.9	43	VIGO	69.7
8	CLARK	53.4	44	DUBOIS	70.2
9	MADISON	53.8	45	WHITLEY	71.2
10	WAYNE	54.1	45	HUNTINGTON	71.2
11	MONTGOMERY	54.6	47	LAWRENCE	71.4
12	NOBLE	55.1	48	ADAMS	71.9
13	SPENCER	55.7	49	MONROE	72.0
14	JACKSON	56.1	50	WABASH	72.1
15	GRANT	56.2	51	HARRISON	72.4
16	MARION	57.0	52	FULTON	72.5
17	CARROLL	57.5	53	VANDERBURGH	74.4
18	WHITE	57.9	53	PORTER	74.4
19	CASS	58.0	55	ALLEN	74.9
20	RANDOLPH	58.3	56	HANCOCK	75.8
21	JASPER	58.4	57	LAKE	75.9
22	SHELBY	58.9	58	HENDRICKS	76.3
23	BARTHOLOMEW	59.3	59	JAY	76.5
24	TIPTON	60.0	60	GREENE	76.7
25	LAGRANGE	60.5	61	MARSHALL	77.0
26	NEWTON	60.6	62	BENTON	77.8
27	HOWARD	60.7	63	MIAMI	78.9
28	JEFFERSON	62.0	64	MORGAN	80.0
29	HAMILTON	62.5	65	HENRY	80.6
30	DAVISS	62.6	66	PULASKI	81.3
31	WELLS	63.4	67	DELAWARE	83.3
32	FOUNTAIN	63.6	68	PUTNAM	84.0
33	DEKALB	64.0	69	WARRICK	85.1
34	LAPORTE	66.3	70	DEARBORN	86.7
35	KOSCIUSKO	66.4	71	GIBSON	91.9
35	JOHNSON	66.4			
				INDIANA	63.9

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

Notes: The 2007 prenatal care data are not comparable with the 1998-2006 data, 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, 2011

Low Birthweight*, Total Population, Indiana Residents, 1998-2007

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	9.7	46	LAWRENCE	7.4
2	LAKE	9.4	46	OHIO	7.4
3	SULLIVAN	9.2	46	WARRICK	7.4
4	GRANT	9.1	50	WHITLEY	7.3
4	MARION	9.1	50	HARRISON	7.3
6	DELAWARE	9.0	50	CLINTON	7.3
7	FAYETTE	8.8	50	DEARBORN	7.3
7	SCOTT	8.8	54	BARTHOLOMEW	7.2
9	ALLEN	8.6	54	WELLS	7.2
9	PERRY	8.6	54	DECATUR	7.2
9	VANDERBURGH	8.6	54	JENNINGS	7.2
12	MADISON	8.5	54	OWEN	7.2
12	RUSH	8.5	54	POSEY	7.2
12	LAPORTE	8.5	60	RIPLEY	7.1
12	BLACKFORD	8.5	61	PULASKI	7.0
16	MORGAN	8.4	61	STARKE	7.0
16	WABASH	8.4	61	MONROE	7.0
16	MARTIN	8.4	61	SWITZERLAND	7.0
19	KNOX	8.2	61	ELKHART	7.0
19	JAY	8.2	66	MIAMI	6.9
19	SPENCER	8.2	66	JEFFERSON	6.9
19	VERMILLION	8.2	68	CLAY	6.8
23	SHELBY	8.1	68	HANCOCK	6.8
23	PARKE	8.1	68	TIPPECANOE	6.8
25	ST. JOSEPH	7.9	71	FULTON	6.7
25	HUNTINGTON	7.9	71	DAVISS	6.7
25	FOUNTAIN	7.9	71	JOHNSON	6.7
25	JACKSON	7.9	71	HAMILTON	6.7
25	CLARK	7.9	71	PORTER	6.7
25	WAYNE	7.9	76	KOSCIUSKO	6.6
31	RANDOLPH	7.8	76	NEWTON	6.6
31	GREENE	7.8	76	WASHINGTON	6.6
31	CRAWFORD	7.8	79	BROWN	6.5
31	VIGO	7.8	79	MARSHALL	6.5
31	TIPTON	7.8	81	WHITE	6.4
31	HENRY	7.8	81	BOONE	6.4
31	FLOYD	7.8	81	HENDRICKS	6.4
38	NOBLE	7.7	84	DUBOIS	6.3
38	HOWARD	7.7	84	CARROLL	6.3
38	GIBSON	7.7	86	ADAMS	6.2
41	ORANGE	7.6	87	JASPER	6.1
41	STEUBEN	7.6	88	DEKALB	6.0
41	MONTGOMERY	7.6	89	WARREN	5.9
41	FRANKLIN	7.6	90	LAGRANGE	5.4
45	PUTNAM	7.5	91	BENTON	5.3
46	CASS	7.4	92	UNION	5.1
				INDIANA	7.9

*Birthweight less than 2,500 grams.

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

Low Birthweight*, White, Indiana Residents, 1998-2007

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	9.7	46	WARRICK	7.3
2	SULLIVAN	9.0	46	CLINTON	7.3
3	FAYETTE	8.8	46	HARRISON	7.3
3	SCOTT	8.8	46	DEARBORN	7.3
5	GRANT	8.7	46	WELLS	7.3
6	PERRY	8.6	52	HOWARD	7.2
7	RUSH	8.5	52	DECATUR	7.2
8	MORGAN	8.4	52	CLARK	7.2
8	BLACKFORD	8.4	52	JENNINGS	7.2
10	WABASH	8.3	56	OWEN	7.1
10	DELAWARE	8.3	56	BARTHOLOMEW	7.1
10	MARTIN	8.3	56	POSEY	7.1
13	SPENCER	8.2	59	PULASKI	7.0
13	JAY	8.2	59	RIPLEY	7.0
15	PARKE	8.1	59	STARKE	7.0
15	VERMILLION	8.1	62	SWITZERLAND	6.9
15	KNOX	8.1	62	MIAMI	6.9
15	MADISON	8.1	62	MONROE	6.9
19	SHELBY	8.0	65	HANCOCK	6.8
19	VANDERBURGH	8.0	65	CLAY	6.8
19	JACKSON	8.0	67	ST. JOSEPH	6.7
22	FOUNTAIN	7.9	67	DAVISS	6.7
22	HUNTINGTON	7.9	67	NEWTON	6.7
22	RANDOLPH	7.9	67	JEFFERSON	6.7
22	CRAWFORD	7.9	67	TIPPECANOE	6.7
26	TIPTON	7.8	67	KOSCIUSKO	6.7
26	GREENE	7.8	73	JOHNSON	6.6
28	NOBLE	7.7	73	FULTON	6.6
28	HENRY	7.7	73	BROWN	6.6
30	ORANGE	7.6	73	WASHINGTON	6.6
30	GIBSON	7.6	73	HAMILTON	6.6
30	WAYNE	7.6	78	MARSHALL	6.5
30	FRANKLIN	7.6	78	ELKHART	6.5
30	ALLEN	7.6	78	PORTER	6.5
35	STEUBEN	7.5	78	WHITE	6.5
35	MARION	7.5	82	BOONE	6.4
35	MONTGOMERY	7.5	82	HENDRICKS	6.4
35	VIGO	7.5	82	CARROLL	6.4
39	OHIO	7.4	82	DUBOIS	6.4
39	PUTNAM	7.4	86	ADAMS	6.2
39	LAPORTE	7.4	87	JASPER	6.1
39	LAWRENCE	7.4	88	WARREN	5.9
39	CASS	7.4	88	DEKALB	5.9
39	FLOYD	7.4	90	LAGRANGE	5.4
39	LAKE	7.4	91	BENTON	5.3
46	WHITLEY	7.3	92	UNION	5.0
				INDIANA	7.2

*Birthweight less than 2,500 grams.

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

Low Birthweight*, Black, Indiana Residents, 1998-2007
 (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	16.0
2	LAPORTE	15.2
3	ALLEN	14.6
4	GRANT	14.0
5	CLARK	13.8
6	ST. JOSEPH	13.7
7	LAKE	13.5
8	FLOYD	13.3
9	ELKHART	13.2
9	MADISON	13.2
9	HOWARD	13.2
12	MONROE	13.1
12	MARION	13.1
14	VIGO	13.0
15	VANDEBURGH	12.7
16	WAYNE	12.6
17	PORTER	11.9
18	BARTHOLOMEW	11.4
19	TIPPECANOE	10.7
20	HAMILTON	8.0
	INDIANA	13.4

*Birthweight less than 2,500 grams.

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

Low Birthweight*, Non-Hispanic, Indiana Residents, 1998-2007

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	LAKE	9.8	46	PUTNAM	7.5
2	STEUBEN	9.7	48	FRANKLIN	7.4
2	PIKE	9.7	48	DEARBORN	7.4
4	MARION	9.5	50	WHITLEY	7.3
5	SULLIVAN	9.2	50	DECATUR	7.3
5	GRANT	9.2	50	WARRICK	7.3
7	DELAWARE	9.1	50	HARRISON	7.3
8	SCOTT	8.8	50	JENNINGS	7.3
8	FAYETTE	8.8	55	ELKHART	7.2
8	ALLEN	8.8	55	BARTHOLOMEW	7.2
11	PERRY	8.7	55	OWEN	7.2
12	LAPORTE	8.6	55	OHIO	7.2
12	MADISON	8.6	55	POSEY	7.2
12	VANDERBURGH	8.6	60	WELLS	7.1
15	WABASH	8.5	61	STARKE	7.0
16	MORGAN	8.4	61	MONROE	7.0
16	MARTIN	8.4	61	SWITZERLAND	7.0
16	RUSH	8.4	61	PULASKI	7.0
16	BLACKFORD	8.4	61	JEFFERSON	7.0
20	JAY	8.3	66	WHITE	6.9
20	SPENCER	8.3	66	MIAMI	6.9
20	NOBLE	8.3	68	RIPLEY	6.8
23	KNOX	8.2	68	FULTON	6.8
23	SHELBY	8.2	68	HANCOCK	6.8
25	VERMILLION	8.1	68	DAVISS	6.8
25	PARKE	8.1	68	TIPPECANOE	6.8
25	ST. JOSEPH	8.1	68	CLAY	6.8
25	FOUNTAIN	8.1	74	JOHNSON	6.7
29	WAYNE	8.0	74	MARSHALL	6.7
29	JACKSON	8.0	74	HAMILTON	6.7
31	HUNTINGTON	7.9	77	PORTER	6.6
31	CLINTON	7.9	77	KOSCIUSKO	6.6
31	RANDOLPH	7.9	79	CARROLL	6.5
31	CLARK	7.9	79	NEWTON	6.5
31	GREENE	7.9	79	WASHINGTON	6.5
31	FLOYD	7.9	79	BOONE	6.5
31	CASS	7.9	79	BROWN	6.5
38	HENRY	7.8	84	DUBOIS	6.4
38	VIGO	7.8	84	HENDRICKS	6.4
40	HOWARD	7.7	86	JASPER	6.2
40	GIBSON	7.7	86	ADAMS	6.2
40	TIPTON	7.7	88	WARREN	6.1
40	CRAWFORD	7.7	89	DEKALB	6.0
44	ORANGE	7.6	90	UNION	5.5
44	MONTGOMERY	7.6	91	BENTON	5.4
46	LAWRENCE	7.5	92	LAGRANGE	5.3
				INDIANA	8.1

*Birthweight less than 2,500 grams.

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

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

Low Birthweight*, Hispanic, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	GRANT	7.5
1	BARTHOLOMEW	7.5
3	VANDERBURGH	7.4
4	LAKE	7.3
4	ALLEN	7.3
4	JACKSON	7.3
7	MONROE	7.2
8	KOSCIUSKO	7.0
8	MADISON	7.0
8	SHELBY	7.0
11	CLARK	6.9
12	PORTER	6.8
13	TIPPECANOE	6.7
14	ST. JOSEPH	6.4
14	HAMILTON	6.4
16	LAPORTE	6.3
17	MARION	6.2
18	JOHNSON	6.0
19	CASS	5.9
20	ELKHART	5.8
21	DUBOIS	5.5
22	MARSHALL	5.1
23	CLINTON	5.0
24	NOBLE	4.9
	INDIANA	6.4

*Birthweight less than 2,500 grams.

Note: Hispanic ethnicity can be of any race.

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

Very Low Birthweight*, Total Population, Indiana Residents, 1998-2007

(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	FULTON	1.3
2	PERRY	1.9	33	WABASH	1.3
2	LAKE	1.9	33	HOWARD	1.3
4	PIKE	1.8	33	WHITE	1.3
4	MARION	1.8	33	POSEY	1.3
6	PARKE	1.7	33	FRANKLIN	1.3
6	PULASKI	1.7	33	MONROE	1.3
8	LAPORTE	1.6	50	MIAMI	1.2
8	ST. JOSEPH	1.6	50	ORANGE	1.2
8	VANDEBURGH	1.6	50	BLACKFORD	1.2
8	JAY	1.6	50	HARRISON	1.2
8	SHELBY	1.6	50	HUNTINGTON	1.2
8	CLARK	1.6	50	BARTHOLOMEW	1.2
8	MARTIN	1.6	50	TIPTON	1.2
15	ALLEN	1.5	50	DECATUR	1.2
15	VIGO	1.5	50	HAMILTON	1.2
15	WAYNE	1.5	50	NOBLE	1.2
15	GRANT	1.5	50	CARROLL	1.2
15	MORGAN	1.5	61	PORTER	1.1
15	CASS	1.5	61	GREENE	1.1
15	DELAWARE	1.5	61	WASHINGTON	1.1
15	TIPPECANOE	1.5	61	HANCOCK	1.1
23	RUSH	1.4	61	WELLS	1.1
23	HENRY	1.4	61	MARSHALL	1.1
23	MADISON	1.4	61	BOONE	1.1
23	RANDOLPH	1.4	61	DUBOIS	1.1
23	GIBSON	1.4	61	PUTNAM	1.1
23	SCOTT	1.4	61	OWEN	1.1
23	WARRICK	1.4	61	MONTGOMERY	1.1
23	JACKSON	1.4	61	ADAMS	1.1
23	LAWRENCE	1.4	61	DEARBORN	1.1
23	CLAY	1.4	61	JASPER	1.1
33	STEBEN	1.3	61	WHITLEY	1.1
33	KNOX	1.3	76	JOHNSON	1.0
33	STARKE	1.3	76	KOSCIUSKO	1.0
33	CLINTON	1.3	76	RIPLEY	1.0
33	FOUNTAIN	1.3	76	DAVISS	1.0
33	SPENCER	1.3	76	HENDRICKS	1.0
33	ELKHART	1.3	81	JEFFERSON	0.9
33	FLOYD	1.3	81	DEKALB	0.9
33	JENNINGS	1.3	83	LAGRANGE	0.8
33	FAYETTE	1.3			
				INDIANA	1.4

*Birthweight less than 1,500 grams.

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

Very Low Birthweight*, White, Indiana Residents, 1998-2007

(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	25	MIAMI	1.3
2	PERRY	1.9	44	SPENCER	1.2
3	PIKE	1.8	44	WHITE	1.2
4	PARKE	1.7	44	ALLEN	1.2
4	PULASKI	1.7	44	BLACKFORD	1.2
6	JAY	1.6	44	MONROE	1.2
6	MARTIN	1.6	44	HOWARD	1.2
8	VANDEBURGH	1.5	44	TIPTON	1.2
8	MORGAN	1.5	44	HUNTINGTON	1.2
8	SHELBY	1.5	44	STARKE	1.2
8	CASS	1.5	44	ELKHART	1.2
8	WAYNE	1.5	44	DELAWARE	1.2
13	VIGO	1.4	44	DECATUR	1.2
13	RUSH	1.4	44	HAMILTON	1.2
13	HENRY	1.4	44	HARRISON	1.2
13	SCOTT	1.4	44	CARROLL	1.2
13	TIPPECANOE	1.4	44	BARTHOLOMEW	1.2
13	LAWRENCE	1.4	44	NOBLE	1.2
13	CLARK	1.4	61	WELLS	1.1
13	GIBSON	1.4	61	GREENE	1.1
13	CLAY	1.4	61	PUTNAM	1.1
13	RANDOLPH	1.4	61	WASHINGTON	1.1
13	WARRICK	1.4	61	DUBOIS	1.1
13	JACKSON	1.4	61	PORTER	1.1
25	KNOX	1.3	61	DEARBORN	1.1
25	FOUNTAIN	1.3	61	MARSHALL	1.1
25	FULTON	1.3	61	HANCOCK	1.1
25	WABASH	1.3	61	BOONE	1.1
25	MADISON	1.3	61	WHITLEY	1.1
25	JENNINGS	1.3	72	ADAMS	1.0
25	GRANT	1.3	72	JASPER	1.0
25	STEUBEN	1.3	72	MONTGOMERY	1.0
25	CLINTON	1.3	72	JOHNSON	1.0
25	LAKE	1.3	72	OWEN	1.0
25	POSEY	1.3	72	KOSCIUSKO	1.0
25	FLOYD	1.3	72	DAVISS	1.0
25	FRANKLIN	1.3	72	RIPLEY	1.0
25	FAYETTE	1.3	72	HENDRICKS	1.0
25	ST. JOSEPH	1.3	81	JEFFERSON	0.9
25	MARION	1.3	81	DEKALB	0.9
25	LAPORTE	1.3	83	LAGRANGE	0.8
25	ORANGE	1.3			
				INDIANA	1.2

*Birthweight less than 1,500 grams.

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

Very Low Birthweight*, Black, Indiana Residents, 1998-2007

(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	4.2
2	DELAWARE	3.7
3	ALLEN	3.4
4	CLARK	3.3
4	TIPPECANOE	3.3
4	ST. JOSEPH	3.3
7	VIGO	3.2
8	ELKHART	3.1
8	LAKE	3.1
10	GRANT	3.0
10	MARION	3.0
12	HOWARD	2.4
12	MADISON	2.4
14	VANDEBURGH	2.3
	INDIANA	3.1

*Birthweight less than 1,500 grams.

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

Very Low Birthweight*, Non-Hispanic, Indiana Residents, 1998-2007

(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	2.5	38	SPENCER	1.3
2	SULLIVAN	2.0	38	JENNINGS	1.3
2	LAKE	2.0	38	HOWARD	1.3
4	PERRY	1.9	38	POSEY	1.3
5	MARION	1.8	47	BLACKFORD	1.2
5	PIKE	1.8	47	MIAMI	1.2
7	PARKE	1.7	47	FULTON	1.2
7	PULASKI	1.7	47	HUNTINGTON	1.2
7	JAY	1.7	47	MONROE	1.2
7	ST. JOSEPH	1.7	47	HARRISON	1.2
7	LAPORTE	1.7	47	CARROLL	1.2
12	VANDERBURGH	1.6	47	FRANKLIN	1.2
12	SHELBY	1.6	47	NOBLE	1.2
12	WAYNE	1.6	47	ORANGE	1.2
12	MARTIN	1.6	47	DECATUR	1.2
12	CLARK	1.6	47	TIPTON	1.2
17	ALLEN	1.5	47	HAMILTON	1.2
17	VIGO	1.5	60	MARSHALL	1.1
17	CASS	1.5	60	GREENE	1.1
17	CLINTON	1.5	60	BARTHOLOMEW	1.1
17	GRANT	1.5	60	PORTER	1.1
17	MORGAN	1.5	60	WELLS	1.1
17	RANDOLPH	1.5	60	WASHINGTON	1.1
17	DELAWARE	1.5	60	BOONE	1.1
25	HENRY	1.4	60	HANCOCK	1.1
25	TIPPECANOE	1.4	60	PUTNAM	1.1
25	MADISON	1.4	60	MONTGOMERY	1.1
25	GIBSON	1.4	60	JASPER	1.1
25	SCOTT	1.4	60	DUBOIS	1.1
25	WARRICK	1.4	60	ADAMS	1.1
25	RUSH	1.4	60	OWEN	1.1
25	LAWRENCE	1.4	60	WHITLEY	1.1
25	WHITE	1.4	75	DEARBORN	1.0
25	CLAY	1.4	75	JOHNSON	1.0
25	STARKE	1.4	75	KOSCIUSKO	1.0
25	FOUNTAIN	1.4	75	DAVISS	1.0
25	ELKHART	1.4	75	HENDRICKS	1.0
38	WABASH	1.3	75	RIPLEY	1.0
38	JACKSON	1.3	81	JEFFERSON	0.9
38	FAYETTE	1.3	81	DEKALB	0.9
38	KNOX	1.3	83	LAGRANGE	0.7
38	FLOYD	1.3			
				INDIANA	1.5

*Birthweight less than 1,500 grams.

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

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

Very Low Birthweight*, Hispanic, Indiana Residents, 1998-2007

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	TIPPECANOE	1.7
2	ALLEN	1.6
3	LAKE	1.3
4	ELKHART	1.2
5	ST. JOSEPH	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, 2011

Glossary of Terms

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

Birthweight - The amount a liveborn infant weighs at birth.

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

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

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

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

First Trimester - The first three months of pregnancy.

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

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

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

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

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

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

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

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