

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

**State and Selected County Data
1997–2006**

(Published May 2009)

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Glossary of Terms

Preface

The Indiana Maternal and Child Health Outcomes and Performance Measures Data Book, 1997-2006, provides a summary of data relating to pregnancy, birth, and mortality in Indiana and selected counties for the years 1997-2006.

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 Data Analysis Team, Epidemiology Resource Center (ERC), compiled these data to produce this report.

Some of the data from 1997 have been updated due to revisions to population estimates by the U.S. Census Bureau. Also, slight changes have been made to all of the prenatal care data in this report due to recalculation and standardization. Selected graphs and tables have been supplemented with ethnicity data in response to requests.

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 currently uses the 1977 Office of Management and Budget (OMB) standards for collecting data on race and ethnicity. These standards are in use by all states that have not yet revised their birth certificates to meet the 1997 OMB standards for collecting race and ethnicity information. The 1977 standards are also the standards used by the National Vital Statistics System for national reporting. The relationship between these two OMB standards and the terms used to report race and ethnicity in this report are as follows:

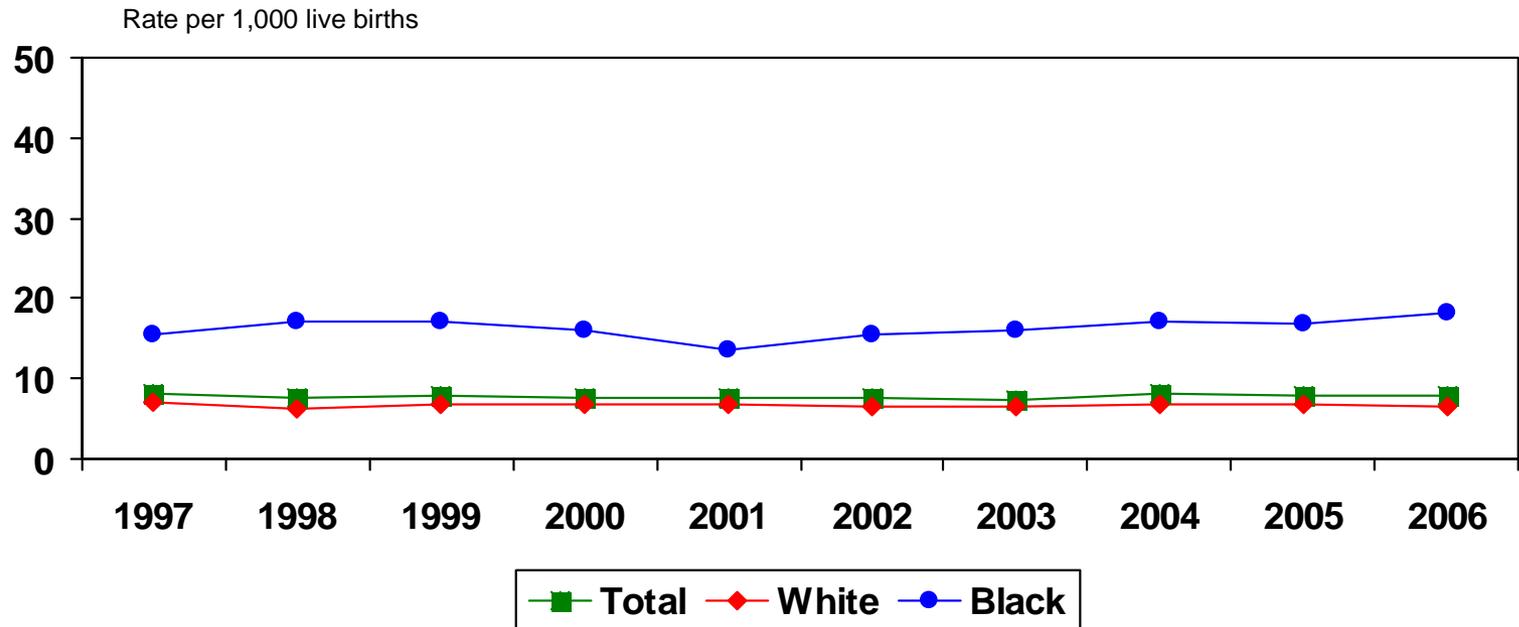
Race		
<u>1997 OMB standards</u>	<u>1977 OMB standards</u>	<u>This Report</u>
American Indian or Alaska Native	American Indian or Alaska Native	Included in Other
Asian	Asian or Pacific Islander	Included in Other
Black or African American	Black	Black
Native Hawaiian or Other Pacific Islander	Asian or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

Ethnicity		
<u>1997 OMB standards</u>	<u>1977 OMB standards</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, 1997-2006

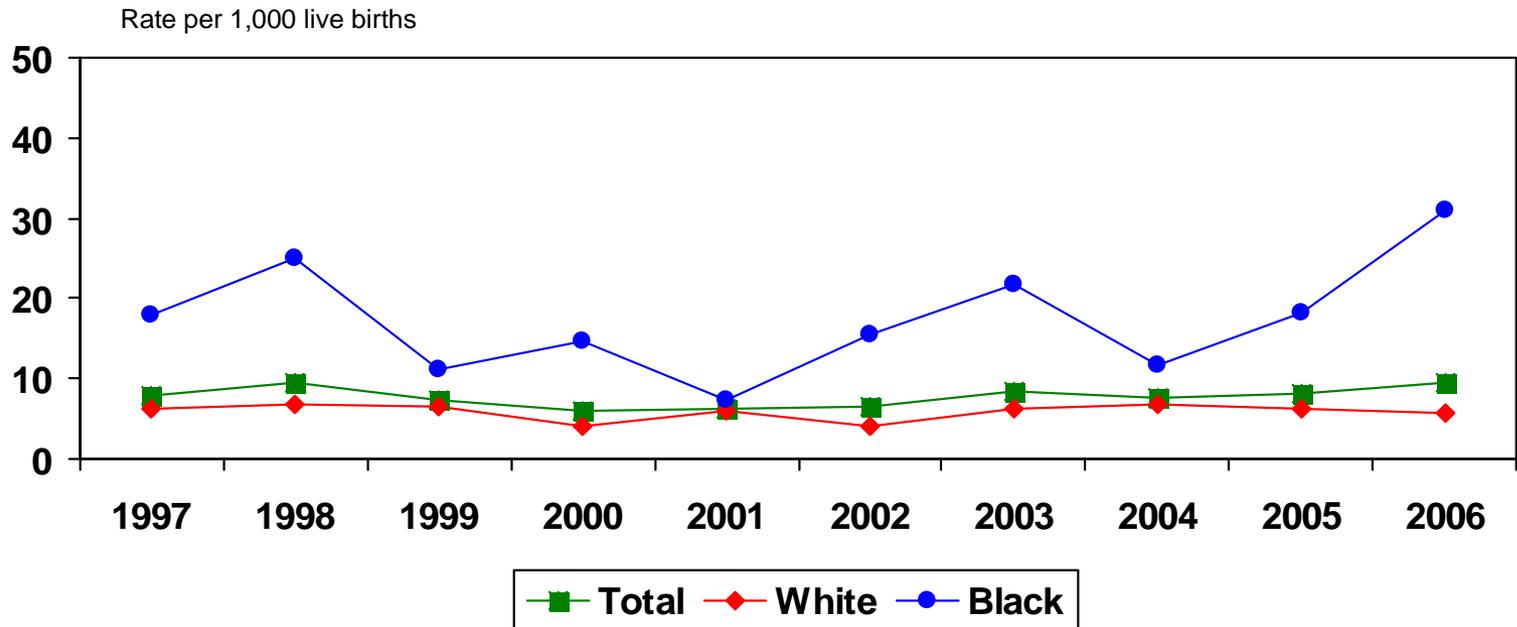


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	8.1	7.5	7.8	7.7	7.6	7.6	7.4	8.1	8.0	7.9
White	7.2	6.3	6.8	6.7	6.8	6.5	6.4	6.9	6.9	6.4
Black	15.6	17.1	17.0	15.9	13.6	15.6	15.9	17.1	16.9	18.1

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Infant Mortality Rates by Race

Allen County Residents, 1997-2006



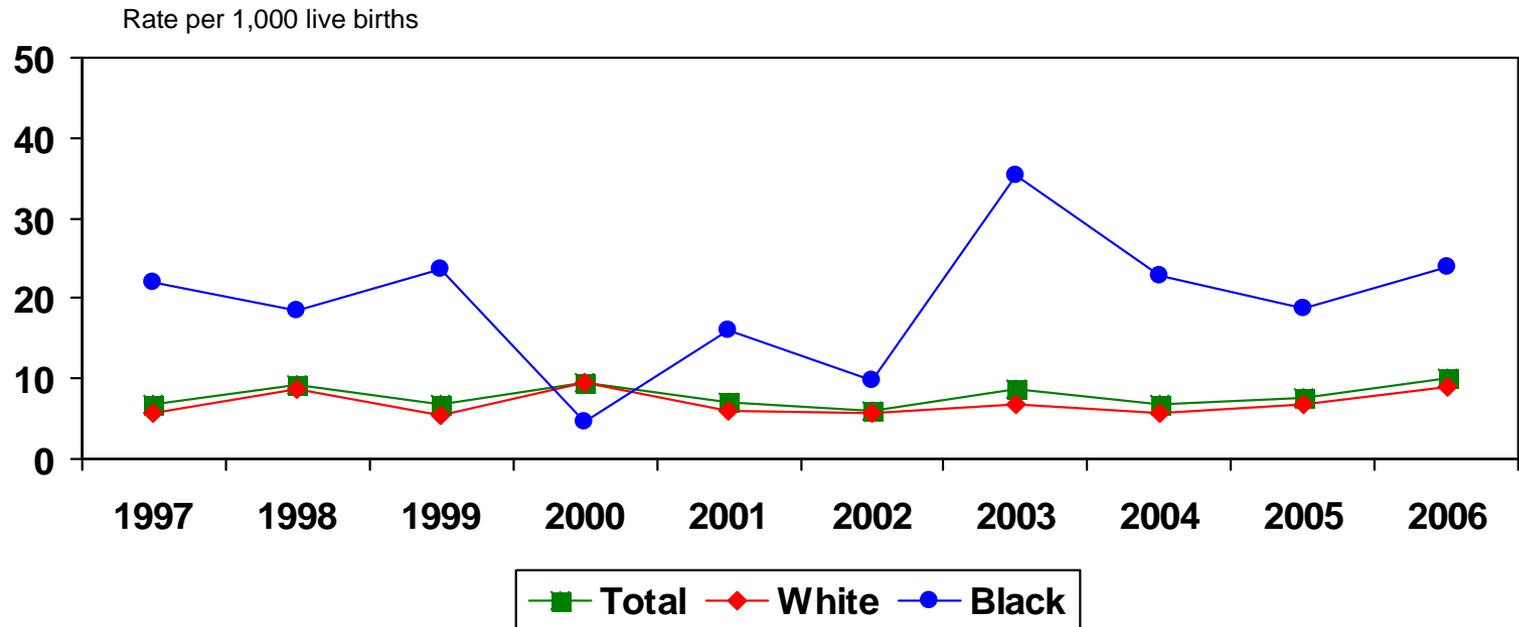
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	8.0	9.5	7.3	6.1	6.3	6.6	8.4	7.7	8.1	9.5
White	6.3	6.7	6.6	4.2*	6.1	4.2*	6.2	6.8	6.2	5.6
Black	17.9*	25.1*	11.1*	14.8*	7.4*	15.6*	21.8*	11.7*	18.1*	31.1

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Infant Mortality Rates by Race

Elkhart County Residents, 1997-2006



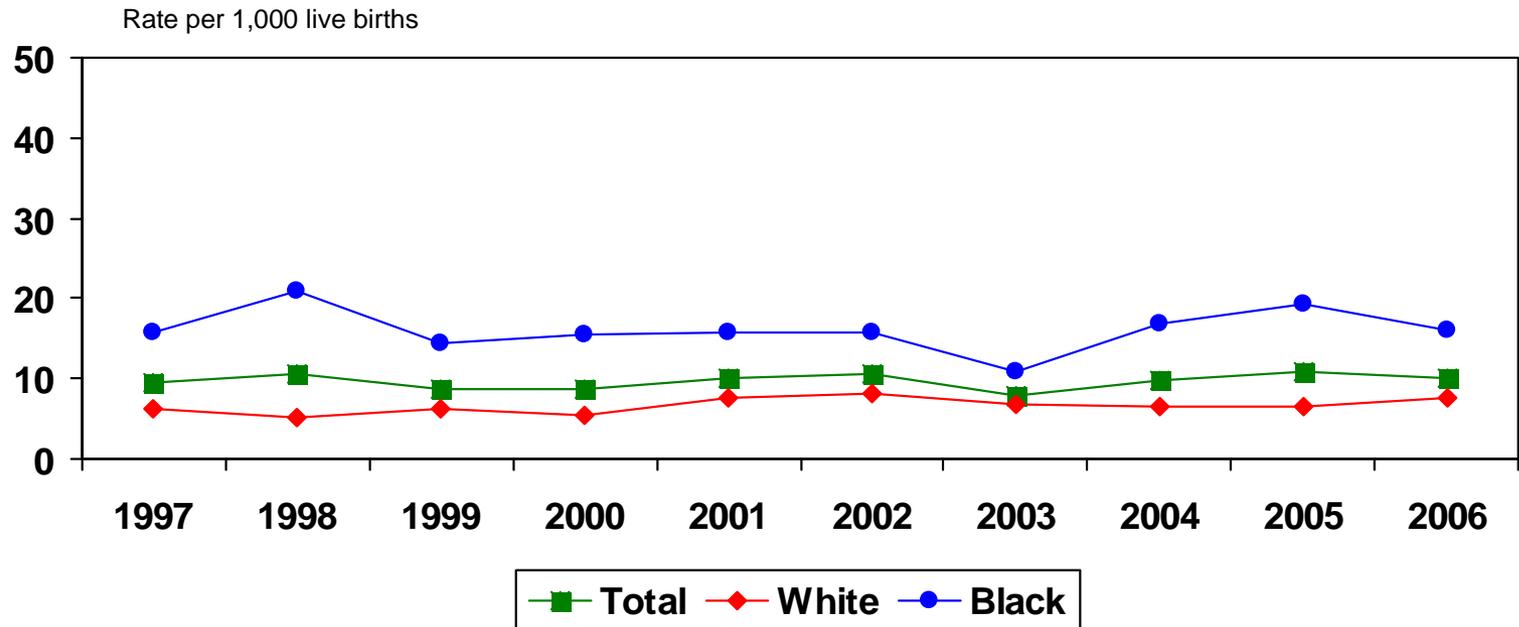
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	6.9	9.3	6.7	9.4	7.0	6.0*	8.8	6.8	7.5	10.1
White	5.6*	8.8	5.5*	9.5	5.9*	5.8*	6.8	5.7*	6.8	8.9
Black	22.0*	18.5*	23.7*	4.7*	16.1*	9.9*	35.4*	22.9*	18.7*	23.9*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Infant Mortality Rates by Race

Lake County Residents, 1997-2006

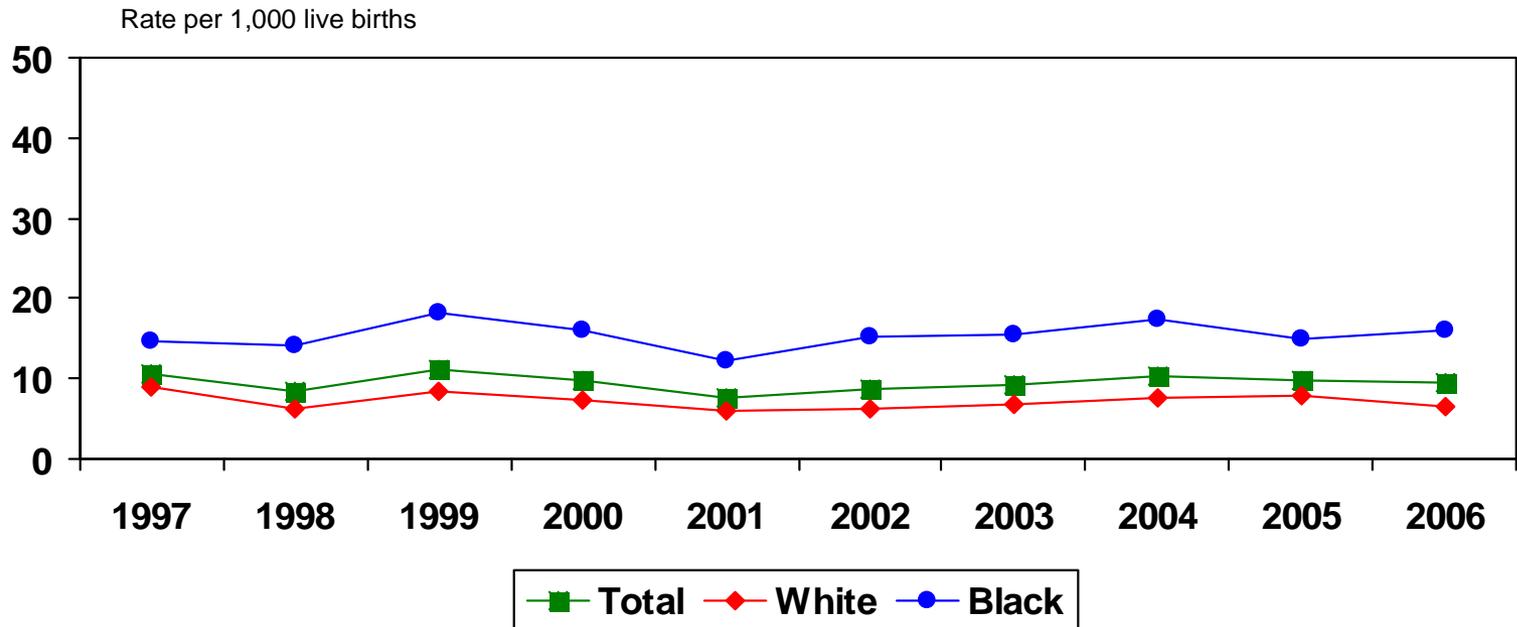


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	9.4	10.7	8.8	8.7	10.1	10.6	7.9	9.9	10.8	10.1
White	6.2	5.1	6.2	5.5	7.6	8.1	6.7	6.6	6.6	7.5
Black	15.7	20.9	14.4	15.5	15.7	15.7	10.9	16.9	19.3	15.9

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Infant Mortality Rates by Race

Marion County Residents, 1997-2006

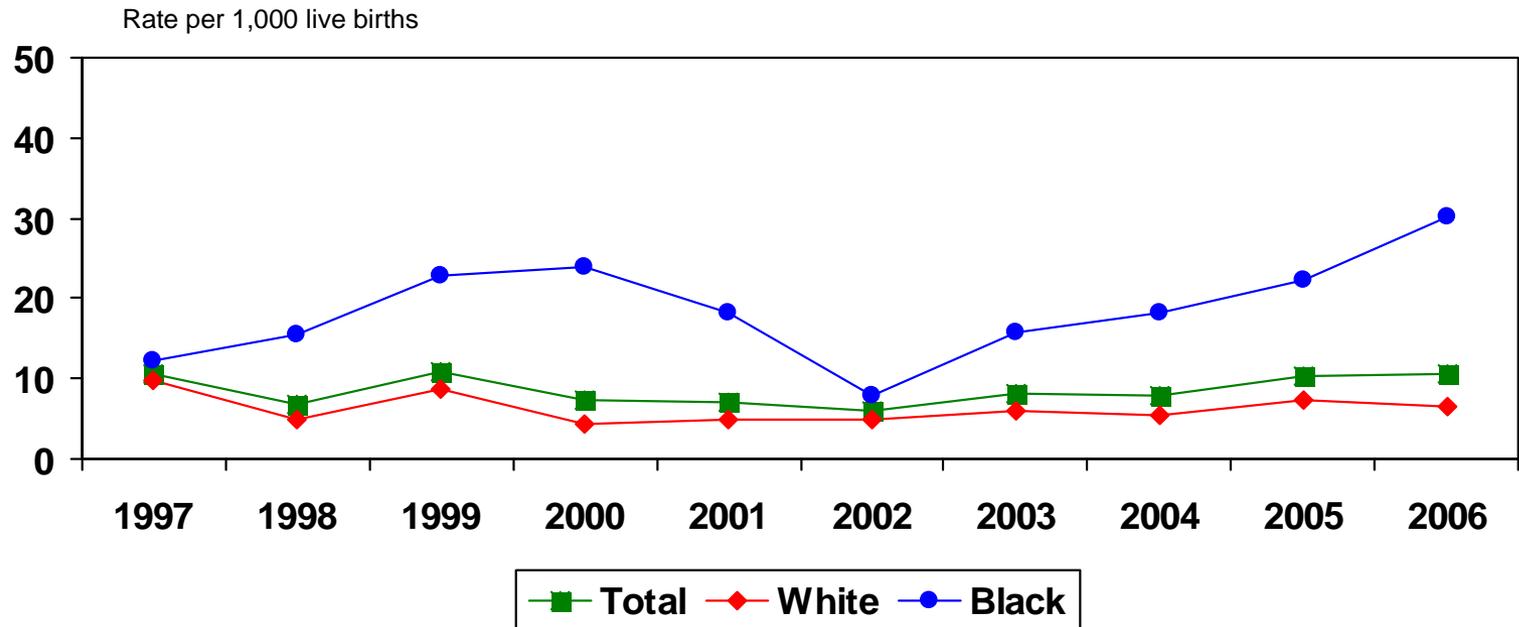


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	10.6	8.3	11.1	9.9	7.7	8.6	9.2	10.2	9.9	9.4
White	9.1	6.2	8.4	7.4	5.9	6.2	6.7	7.5	7.8	6.5
Black	14.7	14.1	18.2	15.9	12.3	15.3	15.4	17.3	15.0	16.1

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Infant Mortality Rates by Race

St. Joseph County Residents, 1997-2006



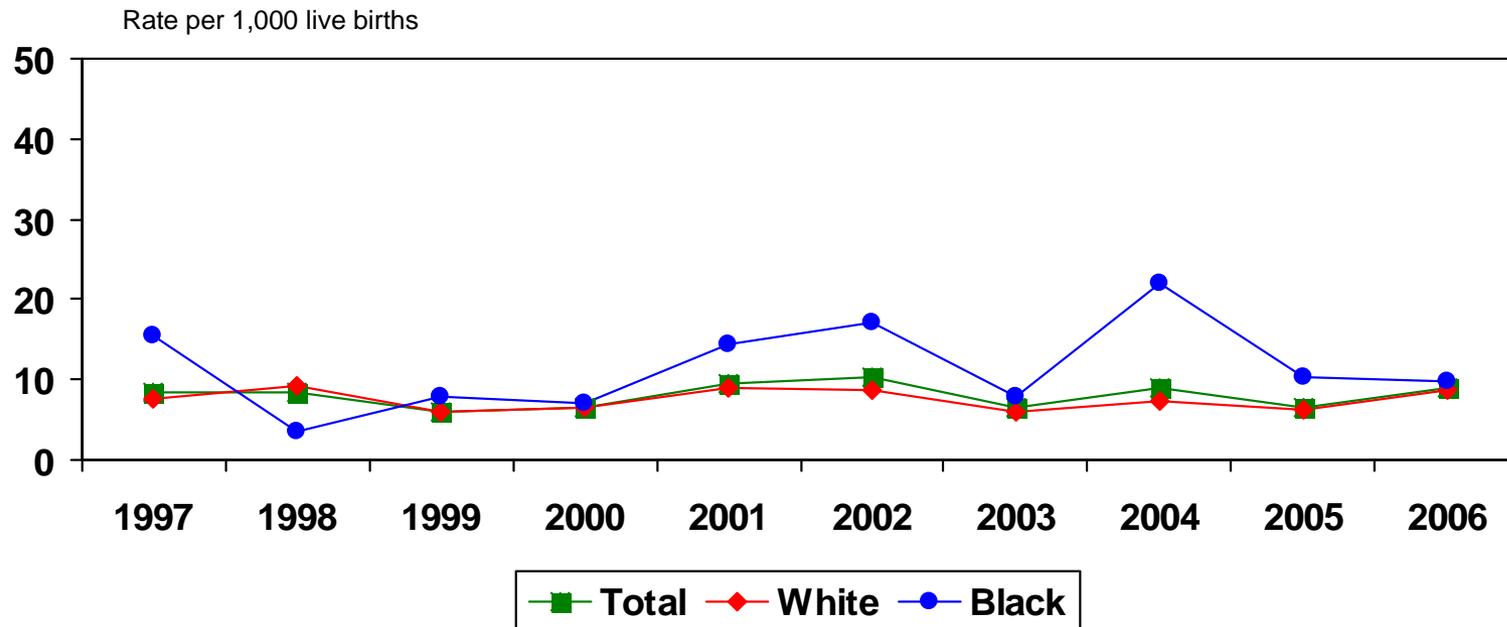
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	10.6	6.8	10.8	7.3	7.0	6.1	8.1	7.8	10.2	10.5
White	9.9	4.9*	8.8	4.3*	4.8*	5.0*	6.1*	5.5*	7.4	6.5
Black	12.3*	15.5*	22.7*	23.8*	18.1*	7.9*	15.7*	18.3*	22.3*	30.1

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Infant Mortality Rates by Race

Vanderburgh County Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	8.3*	8.4*	6.1*	6.4*	9.6	10.4	6.4*	8.9	6.5*	9.1
White	7.5*	9.2*	6.0*	6.5*	9.1*	8.6*	5.9*	7.4*	6.2*	8.8*
Black	15.4*	3.6*	7.8*	7.0*	14.3*	17.2*	8.0*	22.1*	10.2*	9.9*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

**Infant Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1997-2006**

	1997		1998		1999		2000		2001		2002		2003		2004		2005		2006	
	Number	Rate																		
INDIANA	675	8.1	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
White	526	7.2	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
Black	136	15.6	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
Ratio		2.2		2.7		2.5		2.4		2.0		2.4		2.5		2.5		2.4		2.8
ALL RACES	330	8.7	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
Allen	40	8.0	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
Elkhart	20	6.9	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
Lake	65	9.4	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
Marion	147	10.6	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
St. Joseph	40	10.6	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
Vanderburgh	18	8.3	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
WHITE	206	7.8	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
Allen	26	6.3	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
Elkhart	15	5.6	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
Lake	29	6.2	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
Marion	91	9.1	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
St. Joseph	31	9.9	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
Vanderburgh	14	7.5	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
BLACK	116	15.3	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
Allen	14	17.9	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
Elkhart	4	22.0	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
Lake	34	15.7	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
Marion	53	14.7	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
St. Joseph	7	12.3	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
Vanderburgh	4	15.4	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
RATIO																				
Allen		2.8		3.7		1.7		3.6		1.2		3.7		3.5		1.7		2.9		5.6
Elkhart		3.9		2.1		4.3		0.5		2.7		1.7		5.2		4.0		2.8		2.7
Lake		2.5		4.1		2.3		2.8		2.1		1.9		1.6		2.6		2.9		2.1
Marion		1.6		2.3		2.2		2.1		2.1		2.5		2.3		2.3		1.9		2.5
St. Joseph		1.2		2.2		2.6		5.5		3.8		1.6		2.6		3.3		3.0		4.6
Vanderburgh		2.1		0.4		1.3		1.1		1.6		2.0		1.4		3.0		1.6		1.1

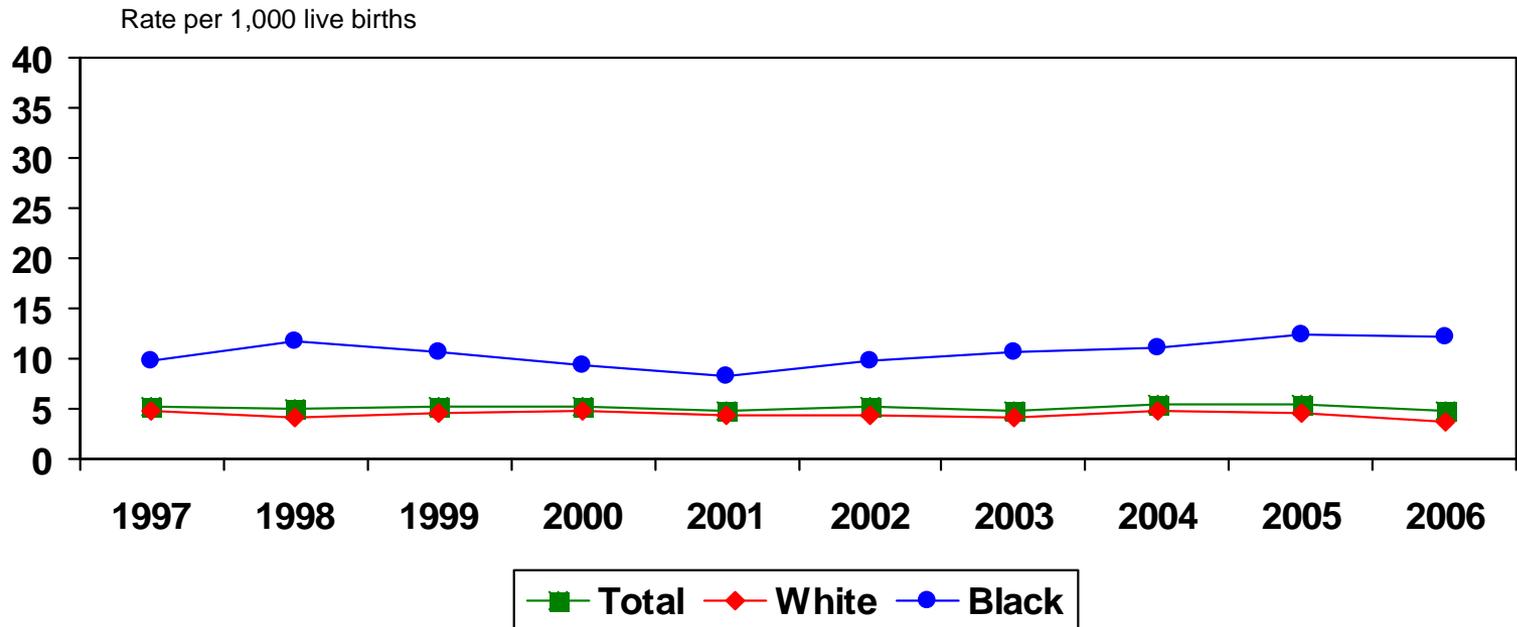
Rate per 1,000 live births.

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, 2009

Neonatal Mortality Rates by Race

Indiana Residents, 1997-2006

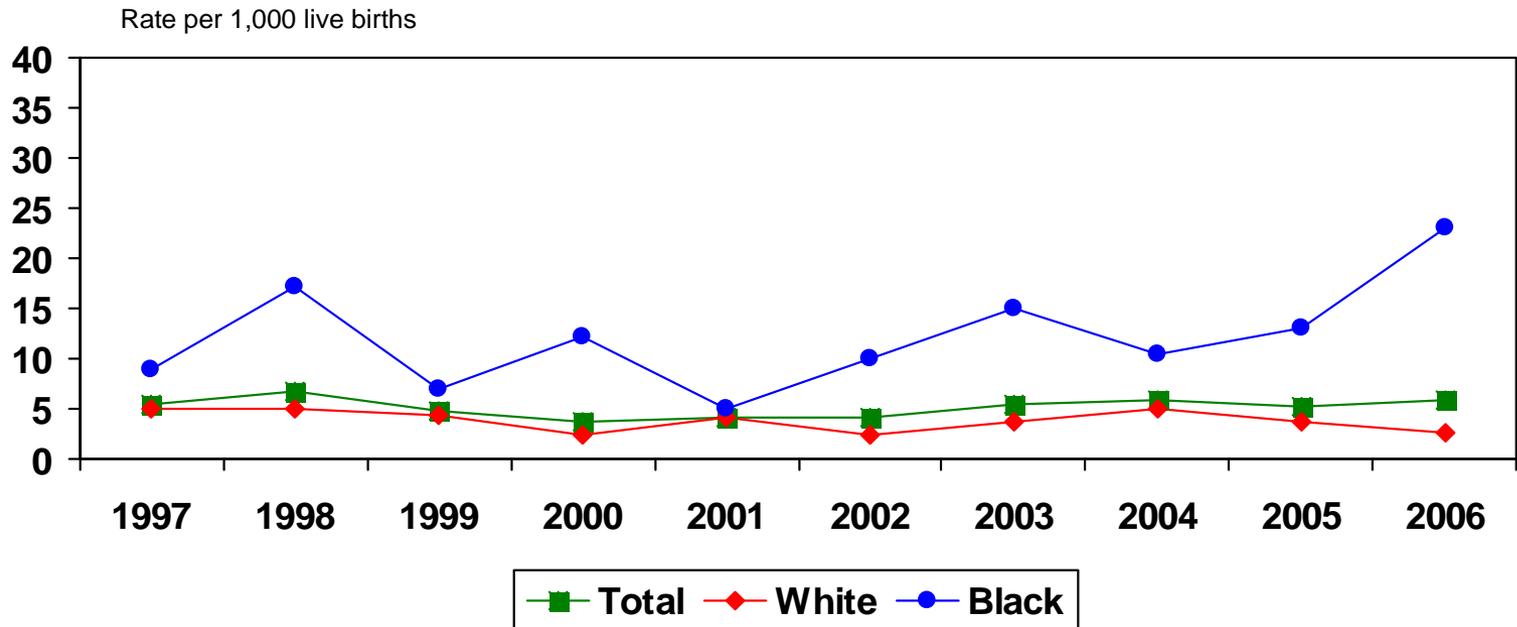


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	5.2	5.1	5.2	5.2	4.8	5.2	4.8	5.4	5.5	4.8
White	4.7	4.2	4.5	4.7	4.4	4.4	4.1	4.7	4.5	3.8
Black	9.7	11.8	10.7	9.3	8.3	9.8	10.6	11.0	12.5	12.1

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Neonatal Mortality Rates by Race

Allen County Residents, 1997-2006

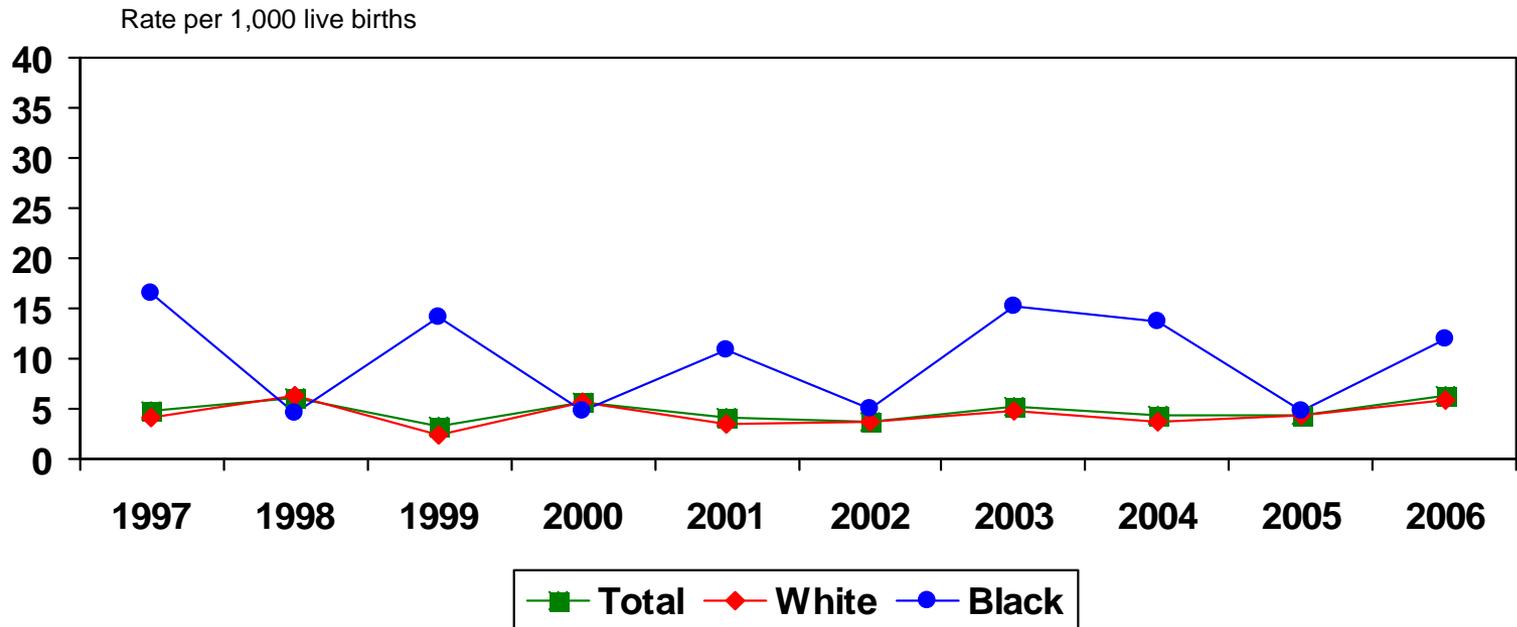


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	5.4	6.7	4.7	3.8	4.1	4.1	5.4	5.8	5.3	5.8
White	4.9	5.0	4.3*	2.3*	4.1*	2.3*	3.7*	5.0	3.7*	2.7*
Black	9.0*	17.2*	6.9*	12.1*	4.9*	9.9*	15.0*	10.4*	13.0*	23.0

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Neonatal Mortality Rates by Race Elkhart County Residents, 1997-2006



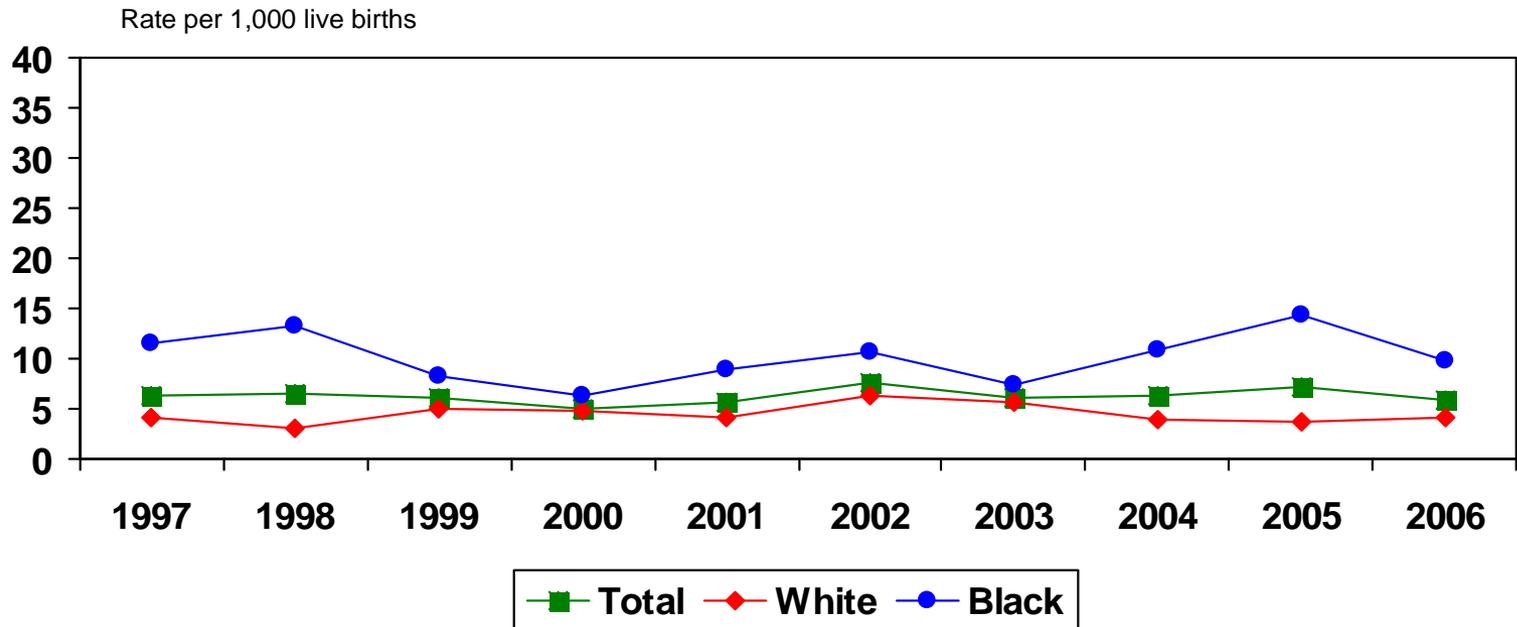
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	4.8*	6.0*	3.2*	5.7*	4.2*	3.7*	5.3*	4.3*	4.3*	6.2
White	4.1*	6.2*	2.4*	5.6*	3.5*	3.6*	4.7*	3.7*	4.3*	5.8*
Black	16.5*	4.6*	14.2*	4.7*	10.8*	5.0*	15.2*	13.8*	4.7*	12.0*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Neonatal Mortality Rates by Race

Lake County Residents, 1997-2006

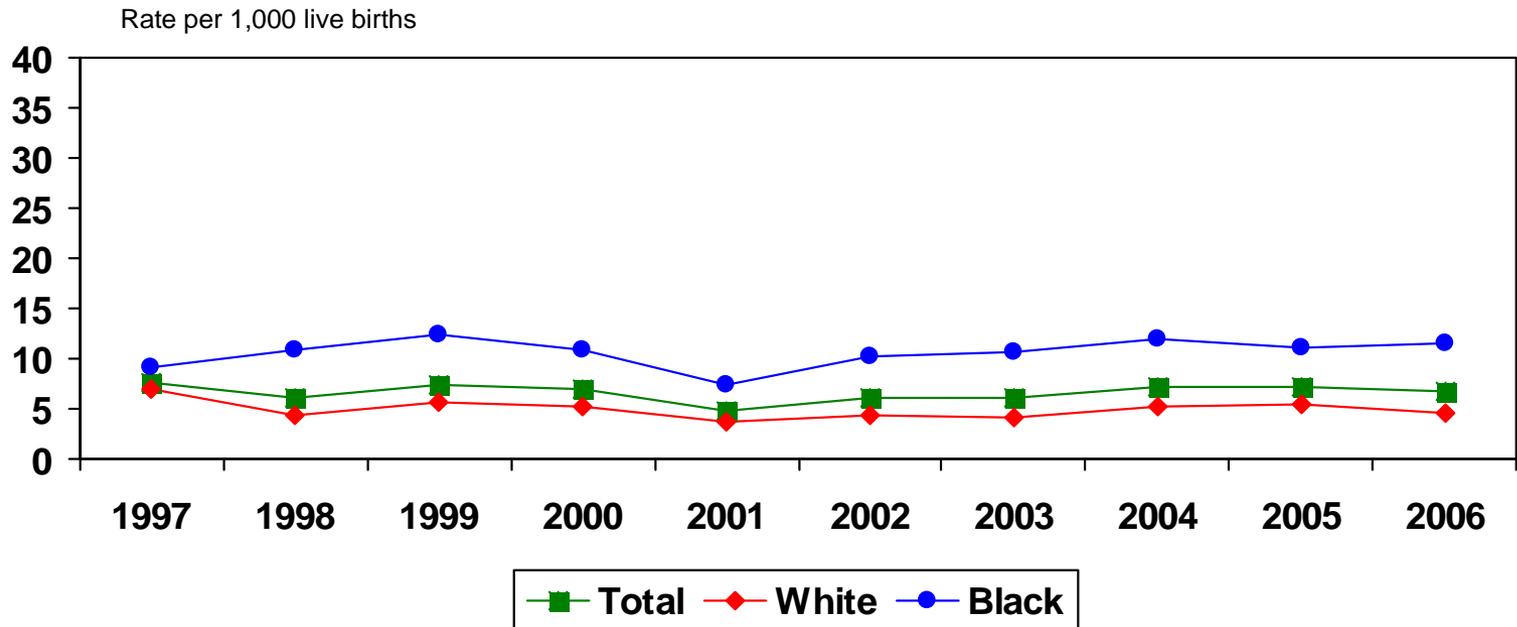


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	6.4	6.6	6.1	5.1	5.6	7.6	6.1	6.2	7.1	5.9
White	4.1*	3.0*	5.1	4.7	4.1*	6.4	5.6	3.9*	3.8*	4.2*
Black	11.5	13.3	8.3*	6.2*	9.0	10.6	7.3*	10.9	14.3	9.7

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Neonatal Mortality Rates by Race Marion County Residents, 1997-2006

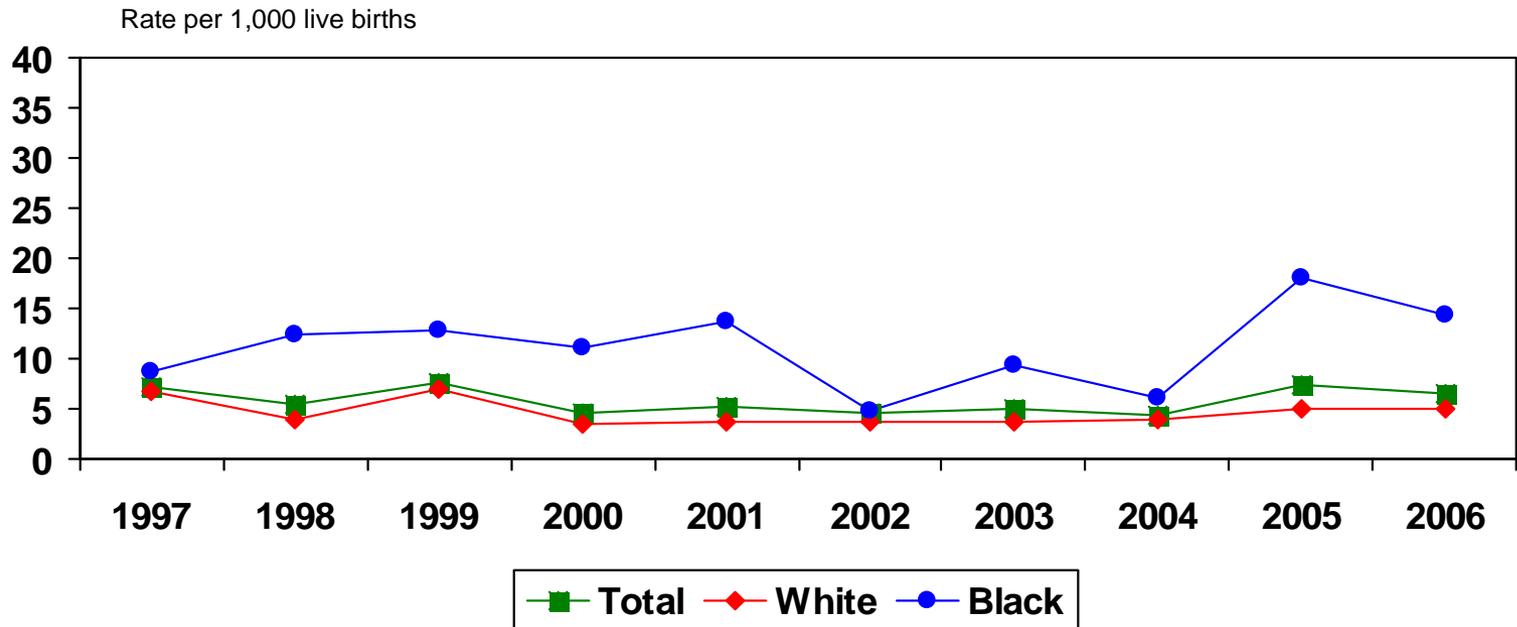


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	7.6	6.0	7.5	6.9	4.7	6.0	6.1	7.1	7.2	6.7
White	7.0	4.4	5.6	5.3	3.6	4.4	4.2	5.3	5.4	4.5
Black	9.1	10.9	12.3	10.9	7.4	10.3	10.7	11.9	11.1	11.6

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Neonatal Mortality Rates by Race

St. Joseph County Residents, 1997-2006

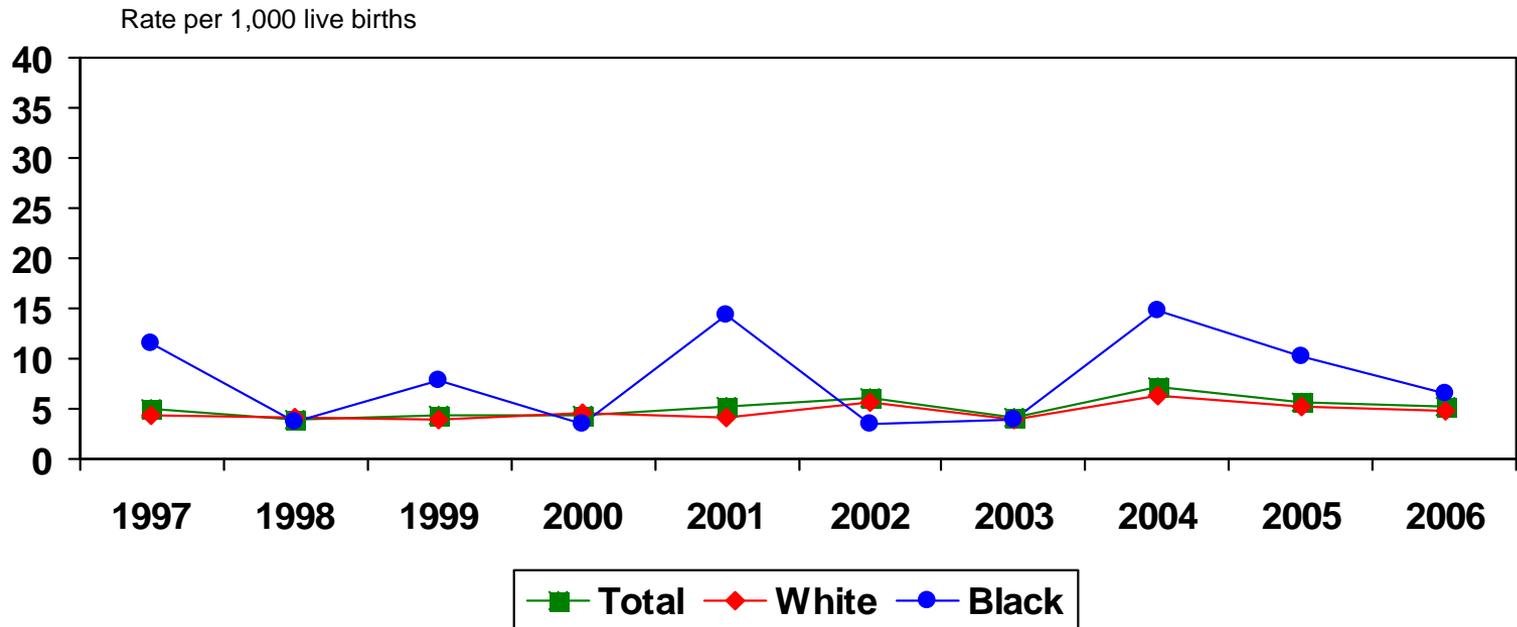


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	7.2	5.5	7.7	4.5*	5.2	4.5*	5.1*	4.4*	7.3	6.5
White	6.7	4.0*	6.9	3.4*	3.6*	3.7*	3.7*	3.9*	5.0*	5.0*
Black	8.8*	12.4*	12.9*	11.1*	13.6*	4.7*	9.4*	6.1*	18.1*	14.3*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Neonatal Mortality Rates by Race Vanderburgh County Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	5.1*	4.0*	4.4*	4.3*	5.2*	6.1*	4.2*	7.2*	5.7*	5.2*
White	4.3*	4.1*	4.0*	4.5*	4.1*	5.6*	3.9*	6.4*	5.2*	4.7*
Black	11.5*	3.6*	7.8*	3.5*	14.3*	3.4*	4.0*	14.8*	10.2*	6.6*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

**Neonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1997-2006**

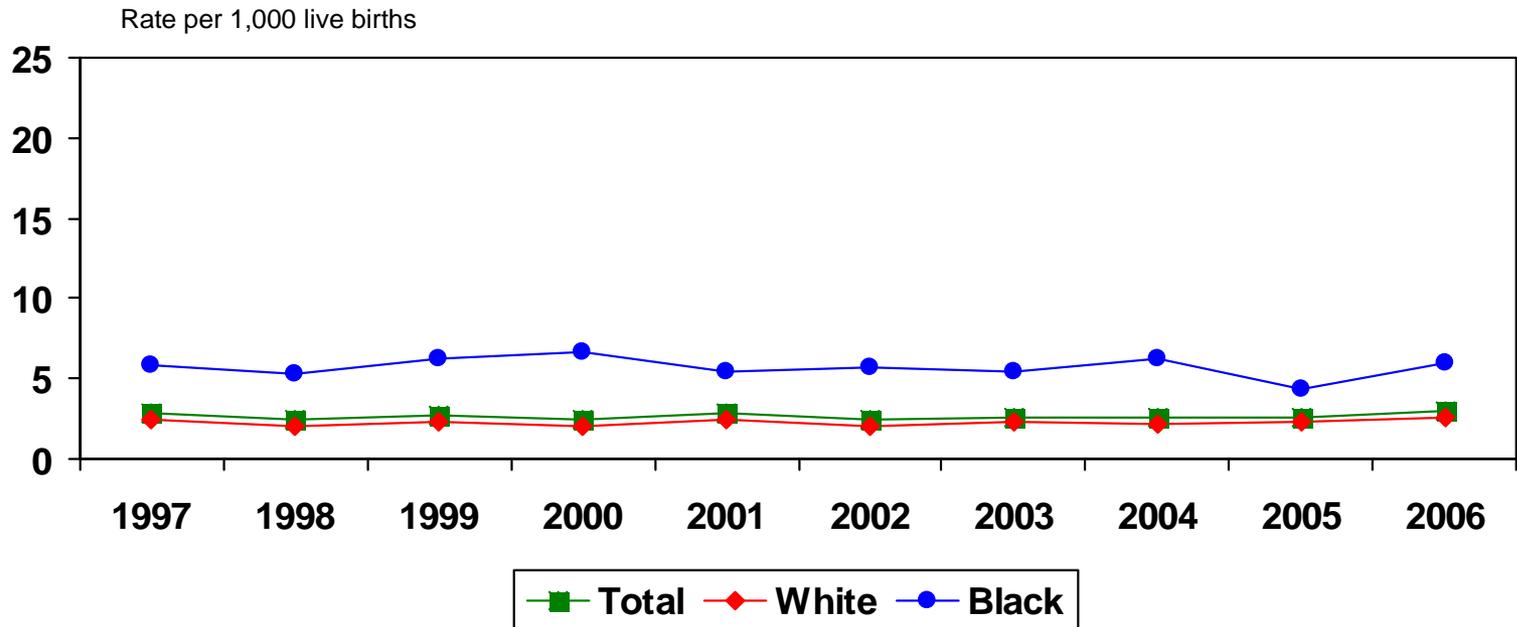
	1997		1998		1999		2000		2001		2002		2003		2004		2005		2006	
	Number	Rate																		
INDIANA	434	5.2	434	5.1	441	5.2	454	5.2	414	4.8	441	5.2	417	4.8	472	5.4	475	5.5	433	4.8
White	342	4.7	316	4.2	335	4.5	358	4.7	330	4.4	329	4.4	309	4.1	354	4.7	343	4.5	296	3.8
Black	85	9.7	109	11.8	99	10.7	88	9.3	79	8.3	91	9.8	98	10.6	105	11.0	123	12.5	126	12.1
Ratio		2.1		2.8		2.4		2.0		1.9		2.2		2.6		2.3		2.8		3.2
ALL RACES	228	6.6	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
Allen	27	5.4	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
Elkhart	14	4.8	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
Lake	44	6.4	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
Marion	105	7.6	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
St. Joseph	27	7.2	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
Vanderburgh	11	5.1	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
WHITE	149	5.6	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
Allen	20	4.9	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
Elkhart	11	4.1	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
Lake	19	4.1	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
Marion	70	7.0	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
St. Joseph	21	6.7	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
Vanderburgh	8	4.3	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
BLACK	76	10.0	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
Allen	7	9.0	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
Elkhart	3	16.5	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
Lake	25	11.5	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
Marion	33	9.1	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
St. Joseph	5	8.8	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
Vanderburgh	3	11.5	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
RATIO																				
Allen		1.8		3.4		1.6		5.2		1.2		4.3		4.1		2.1		3.5		8.5
Elkhart		4.0		0.7		5.9		0.8		3.1		1.4		3.2		3.7		1.1		2.1
Lake		2.8		4.4		1.6		1.3		2.2		1.7		1.3		2.8		3.8		2.3
Marion		1.3		2.5		2.2		2.1		2.1		2.3		2.5		2.2		2.1		2.6
St. Joseph		1.3		3.1		1.9		3.3		3.8		1.3		2.5		1.6		3.6		2.9
Vanderburgh		2.7		0.9		2.0		0.8		3.5		0.6		1.0		2.3		2.0		1.4

Rate per 1,000 live births.

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Postneonatal Mortality Rates by Race Indiana Residents, 1997-2006

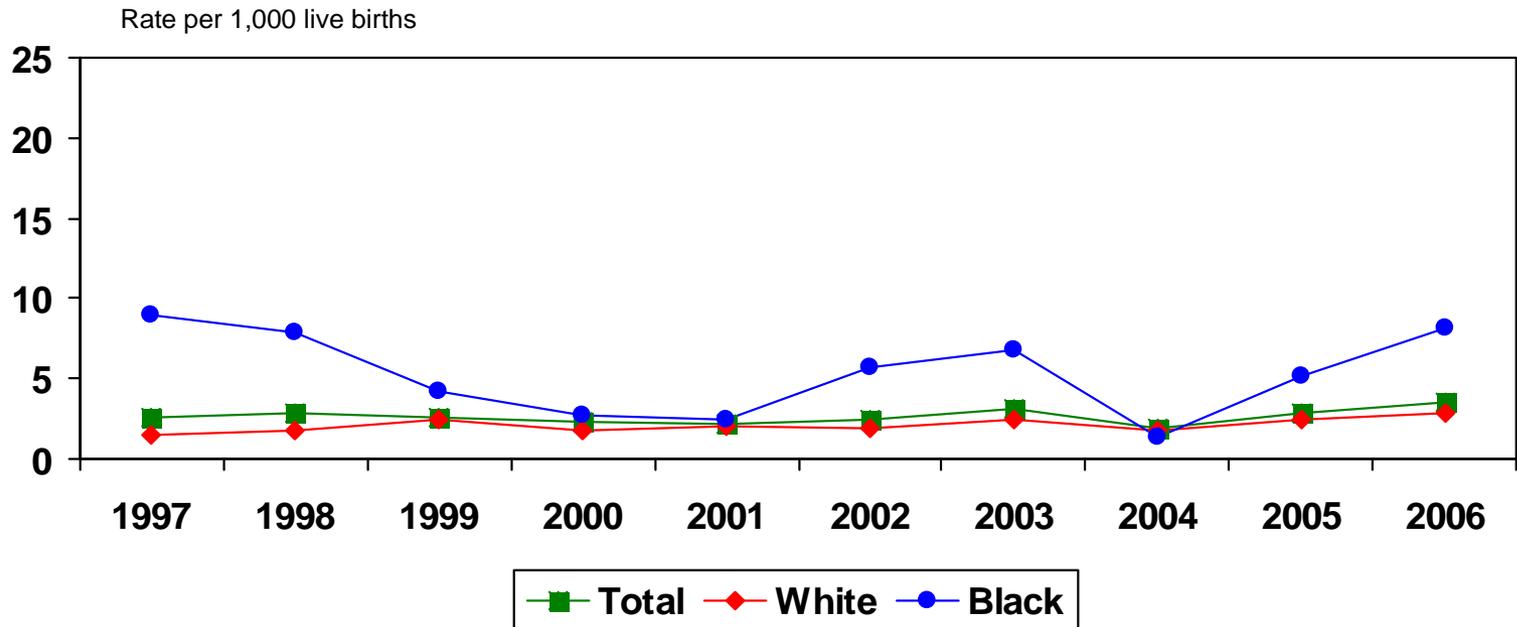


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	2.9	2.4	2.7	2.5	2.8	2.5	2.6	2.6	2.6	3.0
White	2.5	2.0	2.3	2.0	2.5	2.0	2.3	2.2	2.3	2.6
Black	5.8	5.3	6.3	6.6	5.4	5.7	5.4	6.2	4.4	6.0

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Postneonatal Mortality Rates by Race

Allen County Residents, 1997-2006

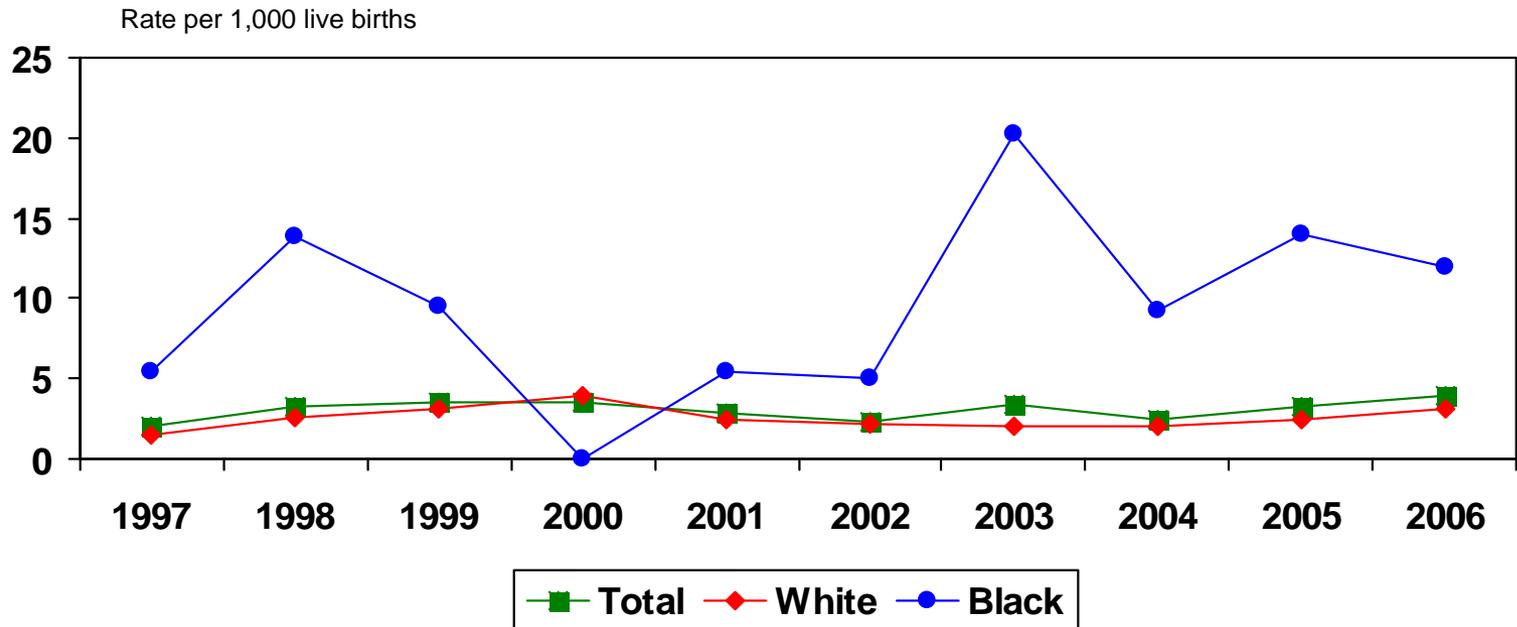


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	2.6*	2.8*	2.6*	2.3*	2.2*	2.5*	3.1*	1.9*	2.8*	3.6
White	1.5*	1.7*	2.4*	1.8*	2.0*	1.8*	2.5*	1.8*	2.5*	2.9*
Black	9.0*	7.9*	4.2*	2.7*	2.5*	5.7*	6.8*	1.3*	5.2*	8.1*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Postneonatal Mortality Rates by Race Elkhart County Residents, 1997-2006

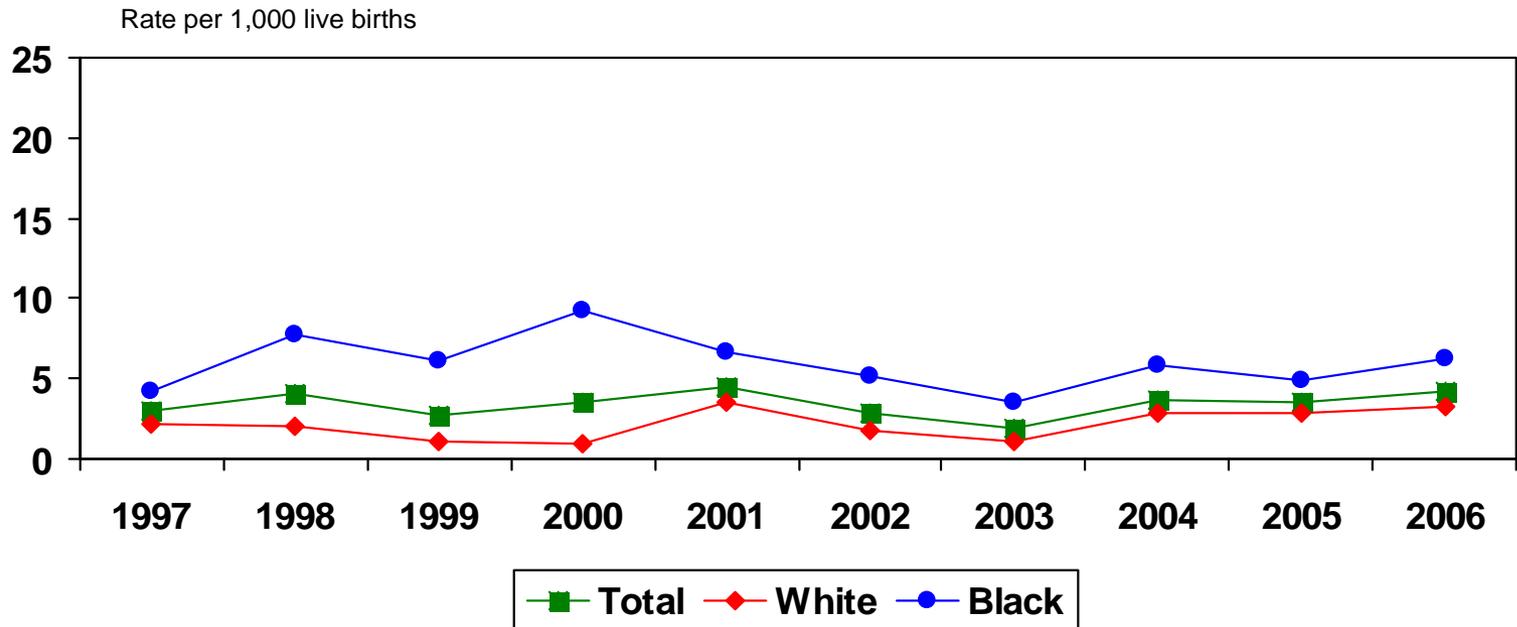


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	2.1*	3.3*	3.5*	3.6*	2.9*	2.3*	3.4*	2.5*	3.2*	3.9*
White	1.5*	2.6*	3.1*	3.9*	2.4*	2.2*	2.0*	2.0*	2.5*	3.1*
Black	5.5*	13.9*	9.5*	0.0*	5.4*	5.0*	20.2*	9.2*	14.0*	12.0*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Postneonatal Mortality Rates by Race Lake County Residents, 1997-2006

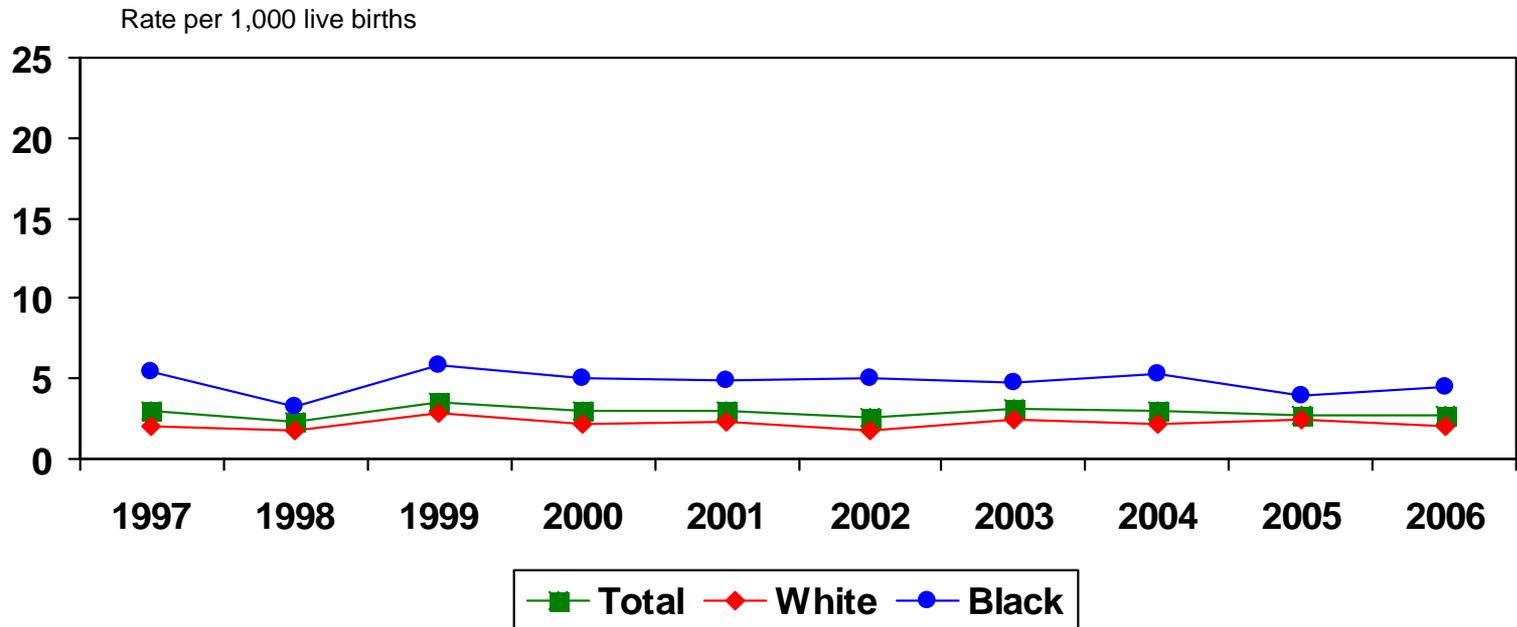


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	3.0	4.1	2.7*	3.6	4.5	2.9	1.9*	3.7	3.6	4.2
White	2.2*	2.1*	1.1*	0.9*	3.5*	1.8*	1.1*	2.8*	2.9*	3.3*
Black	4.2*	7.7*	6.1*	9.3	6.7*	5.1*	3.6*	5.9*	4.9*	6.2*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Postneonatal Mortality Rates by Race Marion County Residents, 1997-2006



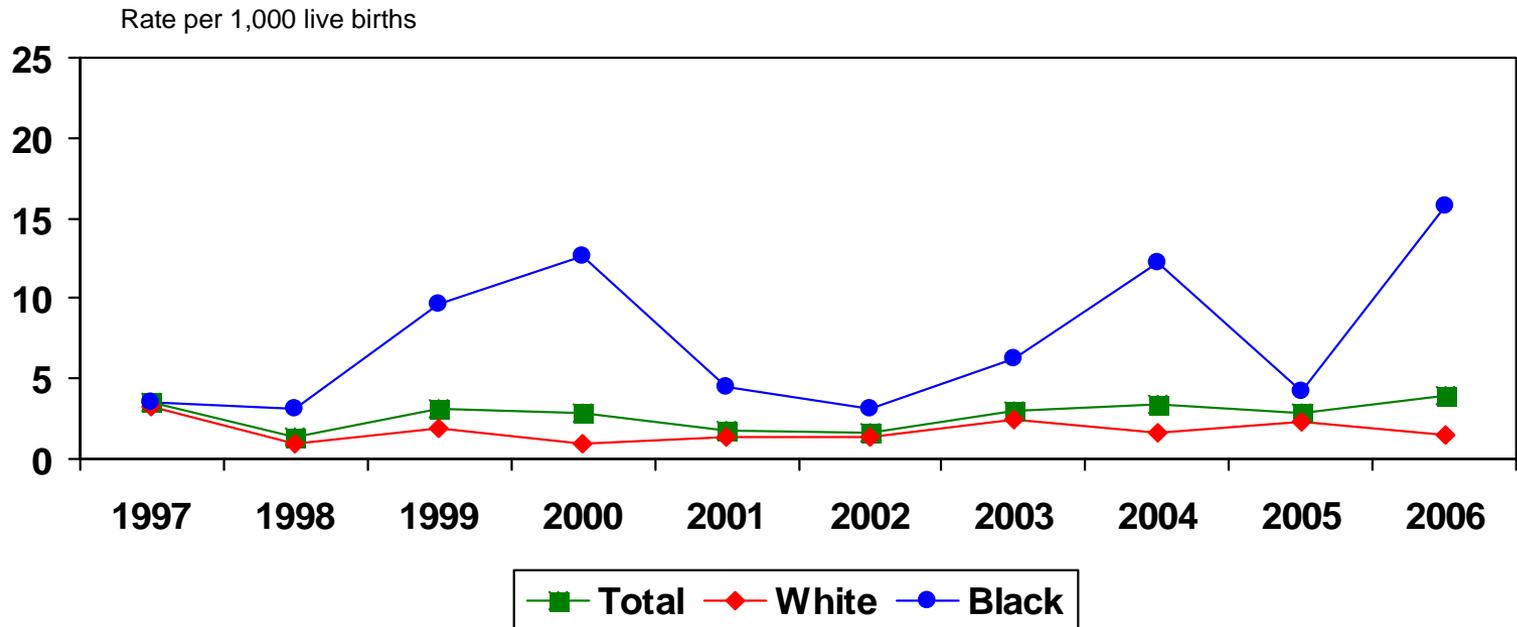
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	3.0	2.3	3.6	3.0	3.0	2.6	3.1	3.0	2.7	2.7
White	2.1	1.8*	2.8	2.2	2.3	1.8*	2.5	2.2	2.4	2.0
Black	5.5	3.2*	5.9	5.0	4.9	5.0	4.7*	5.3	3.9*	4.5

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Postneonatal Mortality Rates by Race

St. Joseph County Residents, 1997-2006

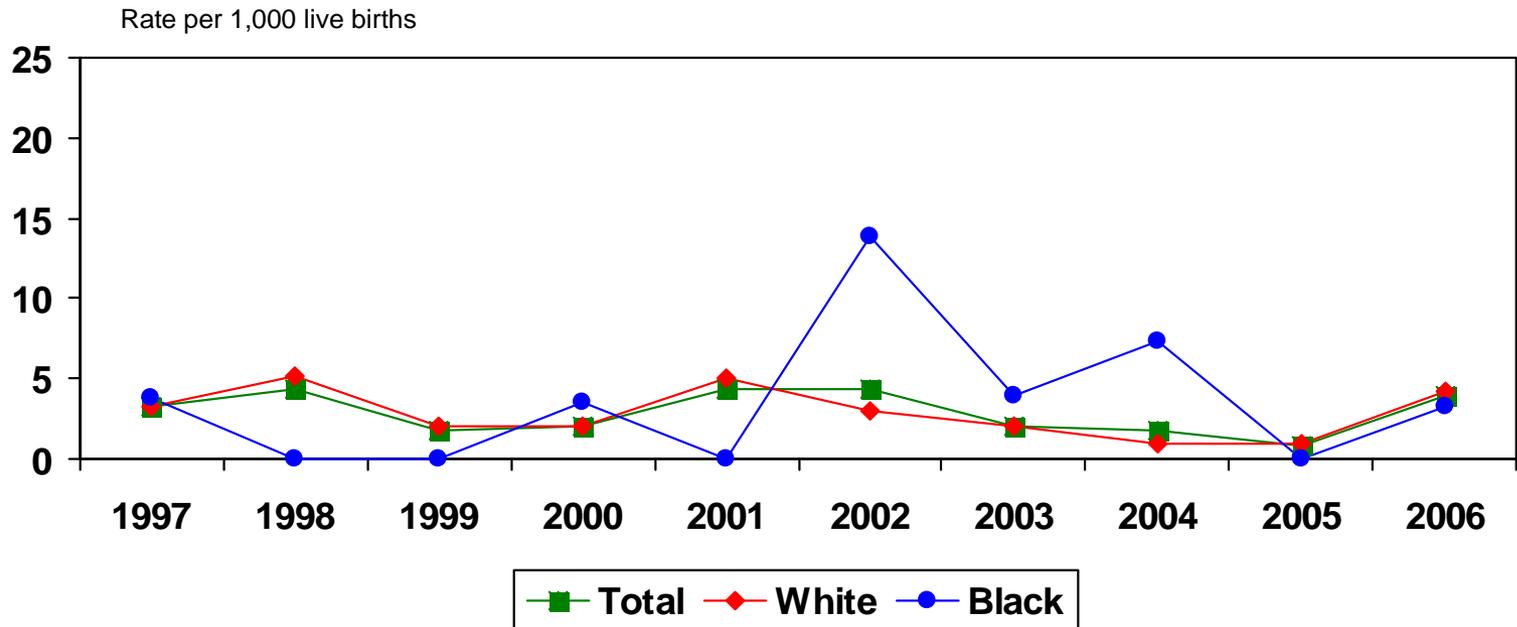


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	3.5*	1.3*	3.1*	2.8*	1.8*	1.6*	3.0*	3.4*	2.9*	4.0*
White	3.2*	0.9*	1.9*	0.9*	1.3*	1.3*	2.4*	1.6*	2.3*	1.5*
Black	3.5*	3.1*	9.7*	12.7*	4.5*	3.1*	6.3*	12.2*	4.2*	15.8*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Postneonatal Mortality Rates by Race Vanderburgh County Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	3.2*	4.4*	1.8*	2.1*	4.4*	4.4*	2.1*	1.7*	0.8*	4.0*
White	3.2*	5.1*	2.0*	2.0*	5.1*	3.0*	2.0*	1.0*	1.0*	4.2*
Black	3.8*	0.0*	0.0*	3.5*	0.0*	13.7*	4.0*	7.4*	0.0*	3.3*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

**Postneonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1997-2006**

	1997		1998		1999		2000		2001		2002		2003		2004		2005		2006	
	Number	Rate																		
INDIANA	241	2.9	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
White	184	2.5	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
Black	51	5.8	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
Ratio		2.3		2.7		2.7		3.3		2.2		2.9		2.3		2.8		1.9		2.3
ALL RACES	102	2.9	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
Allen	13	2.6	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
Elkhart	6	2.1	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
Lake	21	3.0	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
Marion	42	3.0	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
St. Joseph	13	3.5	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
Vanderburgh	7	3.2	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
WHITE	57	2.2	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
Allen	6	1.5	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
Elkhart	4	1.5	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
Lake	10	2.2	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
Marion	21	2.1	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
St. Joseph	10	3.2	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
Vanderburgh	6	3.2	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
BLACK	40	5.3	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
Allen	7	9.0	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
Elkhart	1	5.5	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
Lake	9	4.2	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
Marion	20	5.5	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
St. Joseph	2	3.5	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
Vanderburgh	1	3.8	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
RATIO																				
Allen		6.0		4.6		1.8		1.5		1.3		3.2		2.7		0.7		2.1		2.8
Elkhart		3.7		5.3		3.1		0.0		2.3		2.3		10.1		4.6		5.6		3.9
Lake		1.9		3.7		5.5		10.9		1.9		2.8		3.3		2.1		1.7		1.9
Marion		2.6		1.8		2.1		2.3		2.1		2.8		1.9		2.4		1.6		2.3
St. Joseph		1.1		3.4		5.1		13.7		3.5		2.4		2.6		7.6		1.8		10.5
Vanderburgh		1.2		0.0		0.0		1.8		0.0		4.6		2.0		7.4		0.0		0.8

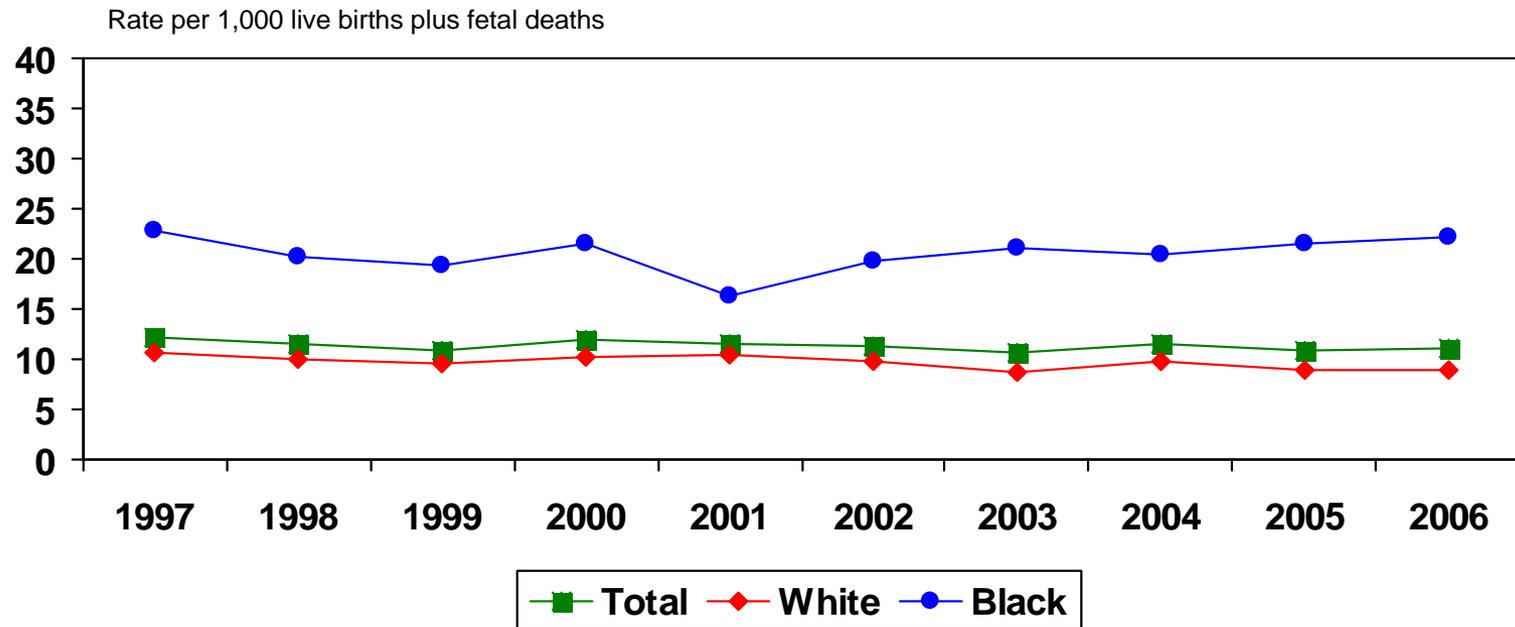
Rate per 1,000 live births.

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Perinatal Mortality Rates by Race

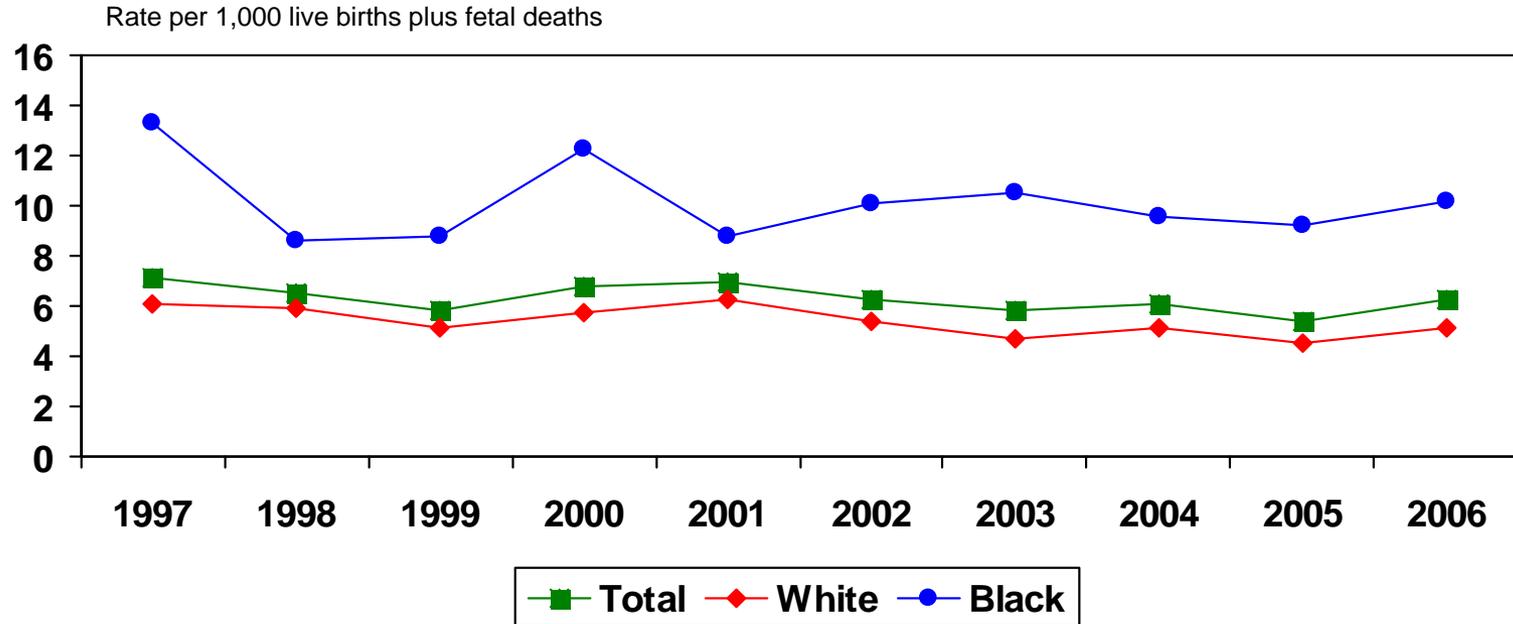
Indiana Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	12.2	11.5	10.9	11.9	11.5	11.4	10.6	11.5	10.8	11.1
White	10.7	10.1	9.6	10.3	10.4	9.8	8.7	9.8	9.0	8.9
Black	22.9	20.3	19.4	21.5	16.3	19.8	21.0	20.5	21.6	22.2

Fetal Mortality Rates by Race

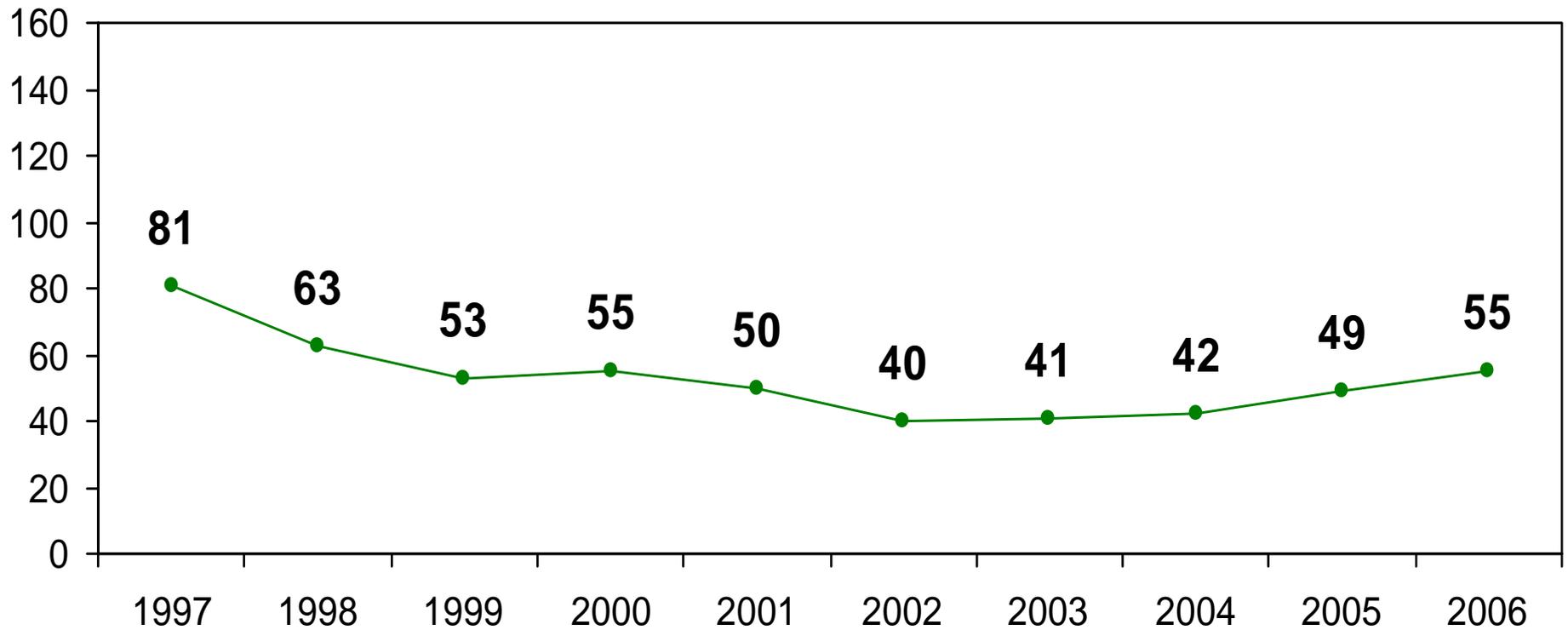
Indiana Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	7.1	6.5	5.8	6.8	7.0	6.3	5.8	6.1	5.4	6.3
White	6.1	5.9	5.1	5.7	6.3	5.4	4.7	5.1	4.5	5.1
Black	13.3	8.6	8.8	12.3	8.8	10.1	10.5	9.6	9.2	10.2

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

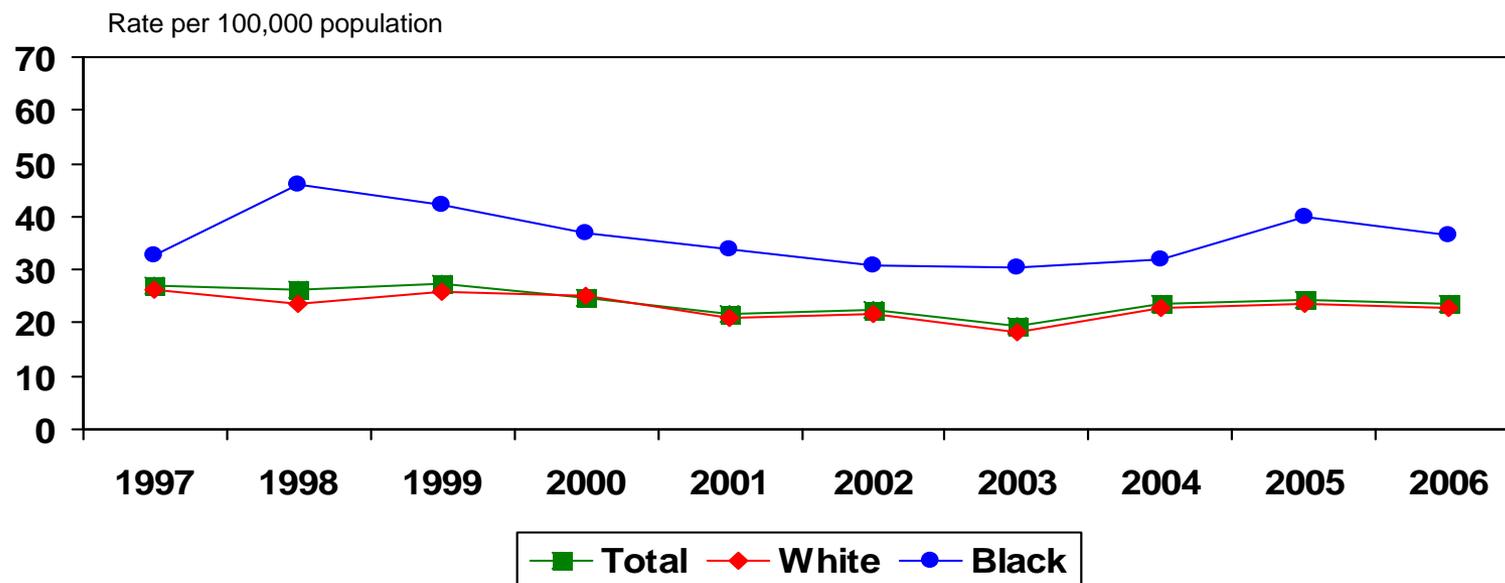
Number of SIDS* Deaths Indiana Residents, 1997-2006 All Races



*Sudden Infant Death Syndrome

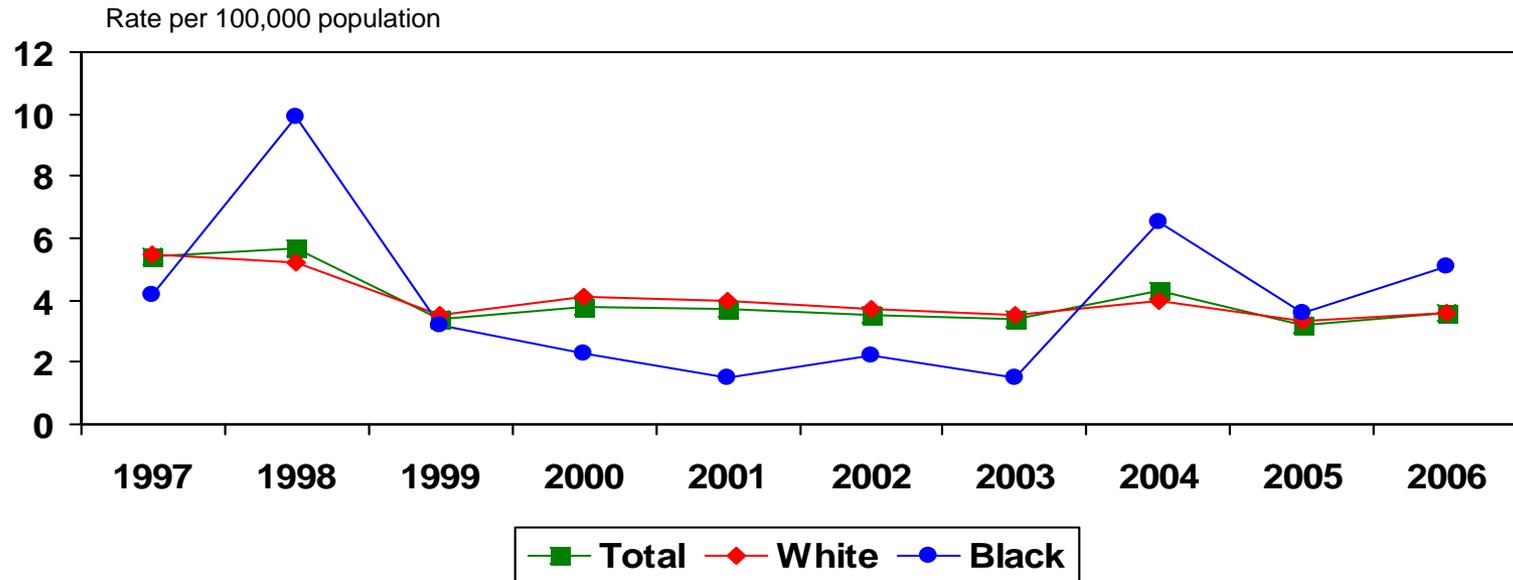
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Mortality Rates for Youths Aged 1-14 Years, by Race Indiana Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	27.2	26.2	27.5	24.9	21.8	22.4	19.3	23.5	24.5	23.7
White	26.3	23.4	25.9	25.0	21.1	21.6	18.3	22.7	23.5	22.7
Black	32.6	46.0	42.1	37.0	34.0	30.9	30.3	31.9	40.1	36.6

Motor Vehicle Injury Mortality Rates Among Youths Aged 1-14 Years, by Race Indiana Residents, 1997-2006

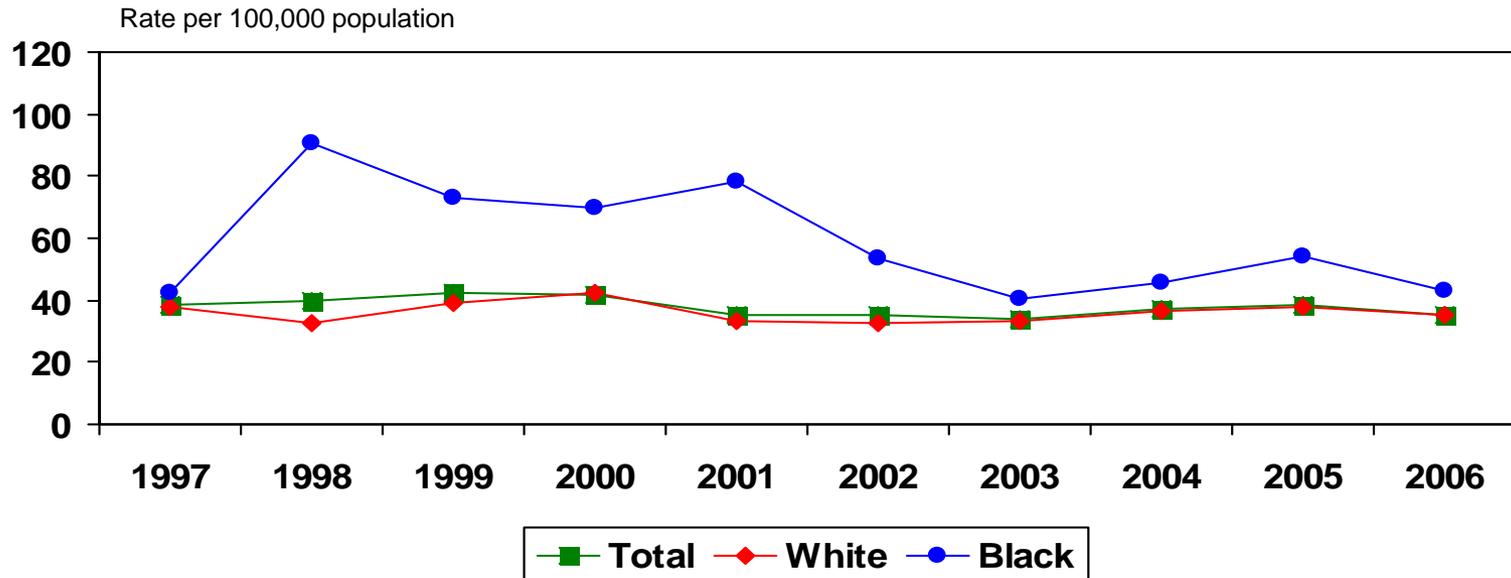


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	5.4	5.7	3.4	3.8	3.7	3.5	3.4	4.3	3.2	3.6
White	5.5	5.2	3.5	4.1	4.0	3.7	3.5	4.0	3.3	3.6
Black	4.2*	9.9*	3.2*	2.3*	1.5*	2.2*	1.5*	6.5*	3.6*	5.1*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Mortality Rates for Youths Aged 1-4 Years, by Race Indiana Residents, 1997-2006

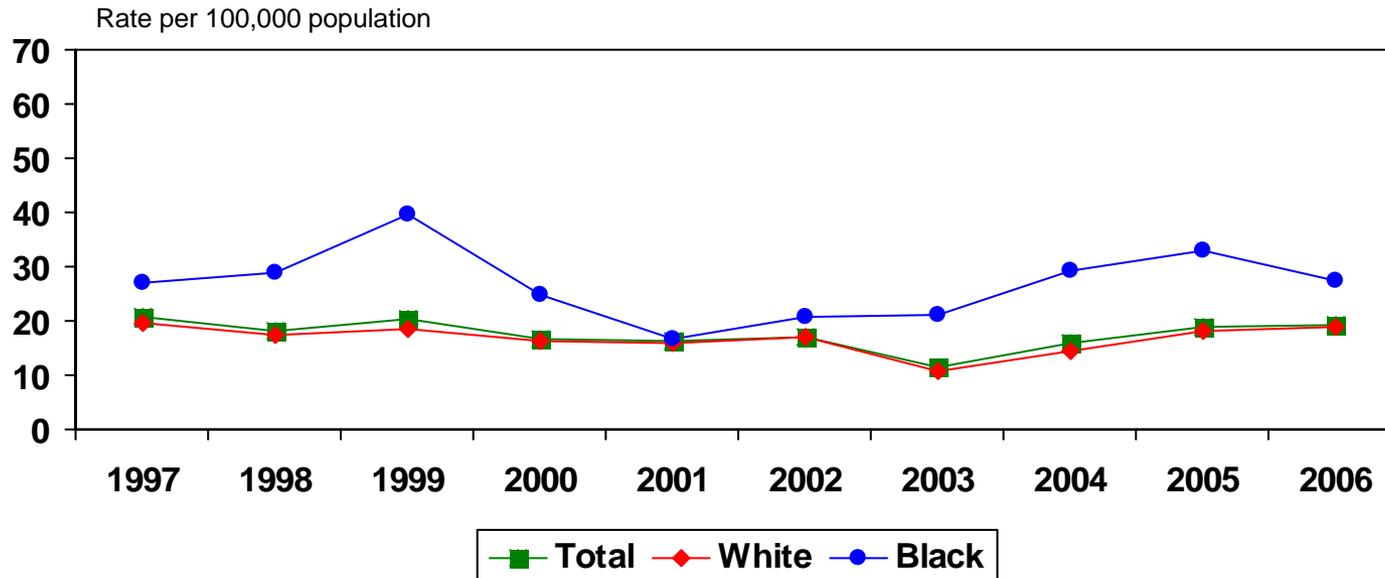


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	38.4	39.5	42.6	41.9	35.4	34.9	33.8	36.9	38.4	35.4
White	37.8	32.3	39.3	42.1	33.1	32.8	33.3	36.6	38.0	35.1
Black	42.1*	90.4	73.0	69.7	78.0	53.4	40.4*	45.4*	54.1	43.3*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Mortality Rates for Youths Aged 5-9 Years, by Race Indiana Residents, 1997-2006

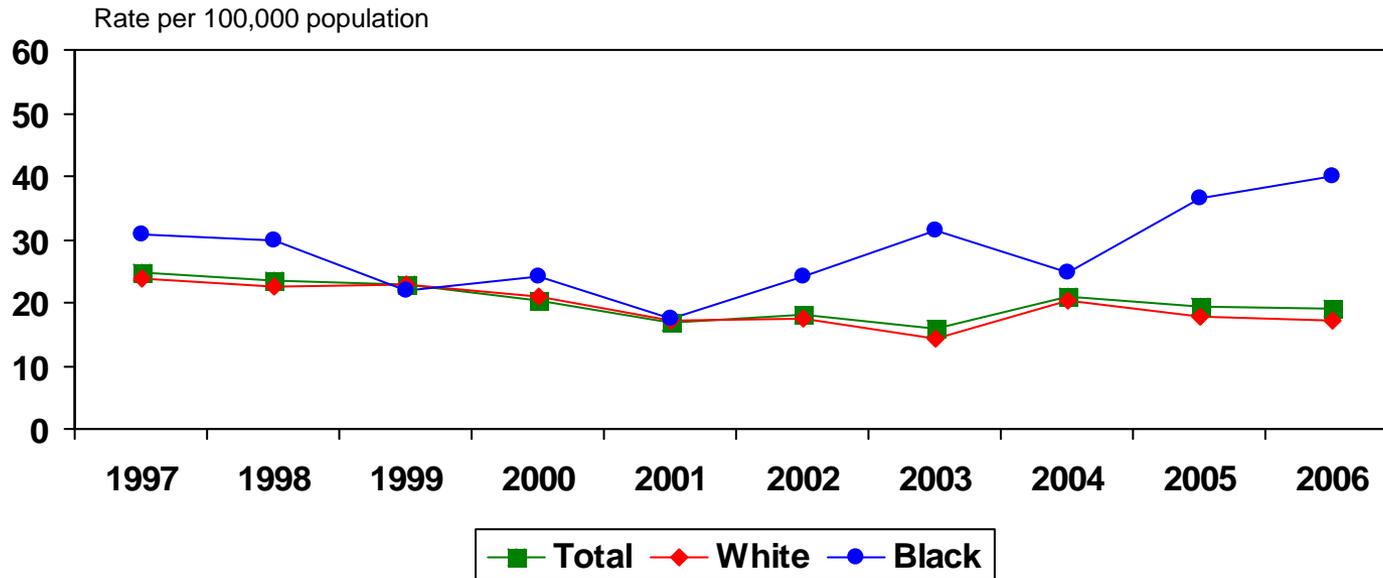


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	20.9	18.3	20.5	16.5	16.2	17.1	11.6	15.8	18.9	19.2
White	19.6	17.3	18.5	16.2	16.0	17.1	10.9	14.3	18.0	18.8
Black	27.2*	28.8*	39.7*	25.0*	16.7*	20.8*	21.1*	29.1*	33.0*	27.3*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Mortality Rates for Youths Aged 10-14 Years, by Race Indiana Residents, 1997-2006



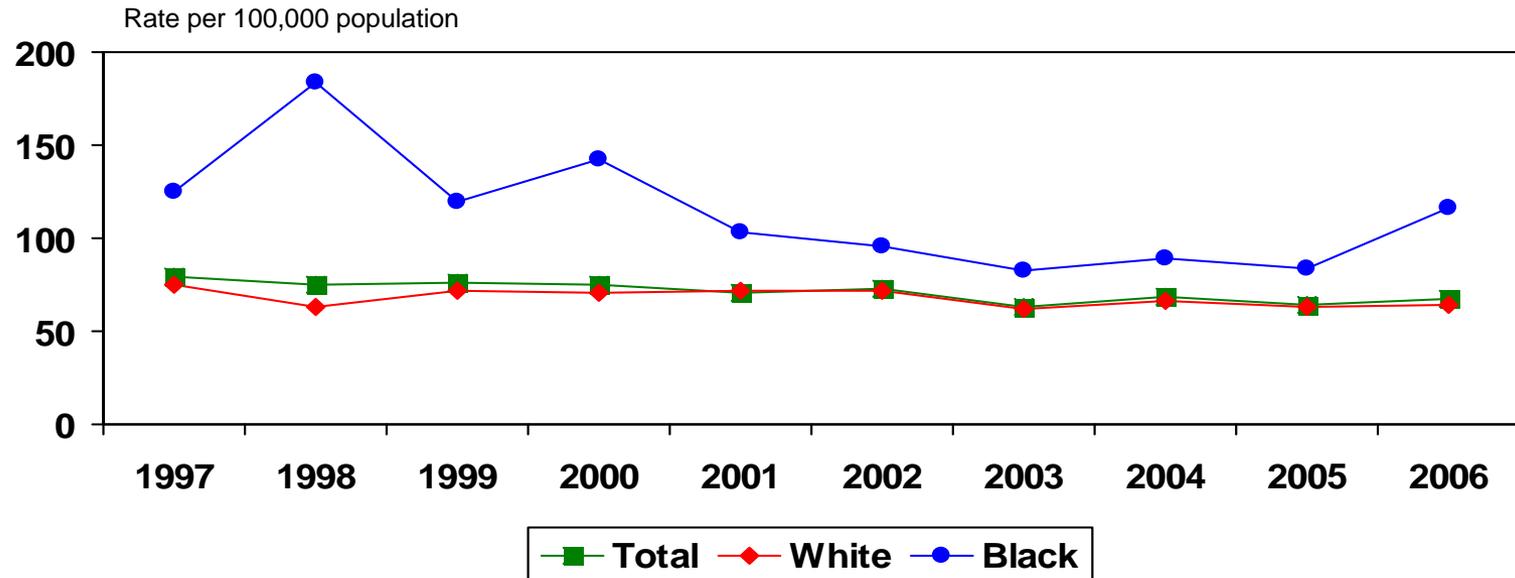
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	24.7	23.6	22.8	20.3	16.9	18.2	15.9	20.8	19.4	19.0
White	23.7	22.4	22.9	21.0	17.2	17.6	14.2	20.4	17.9	17.0
Black	30.7*	29.9*	22.0*	24.1*	17.5*	24.0*	31.5*	24.9*	36.6*	40.1

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Mortality Rates for Youths Aged 15-19 Years, by Race

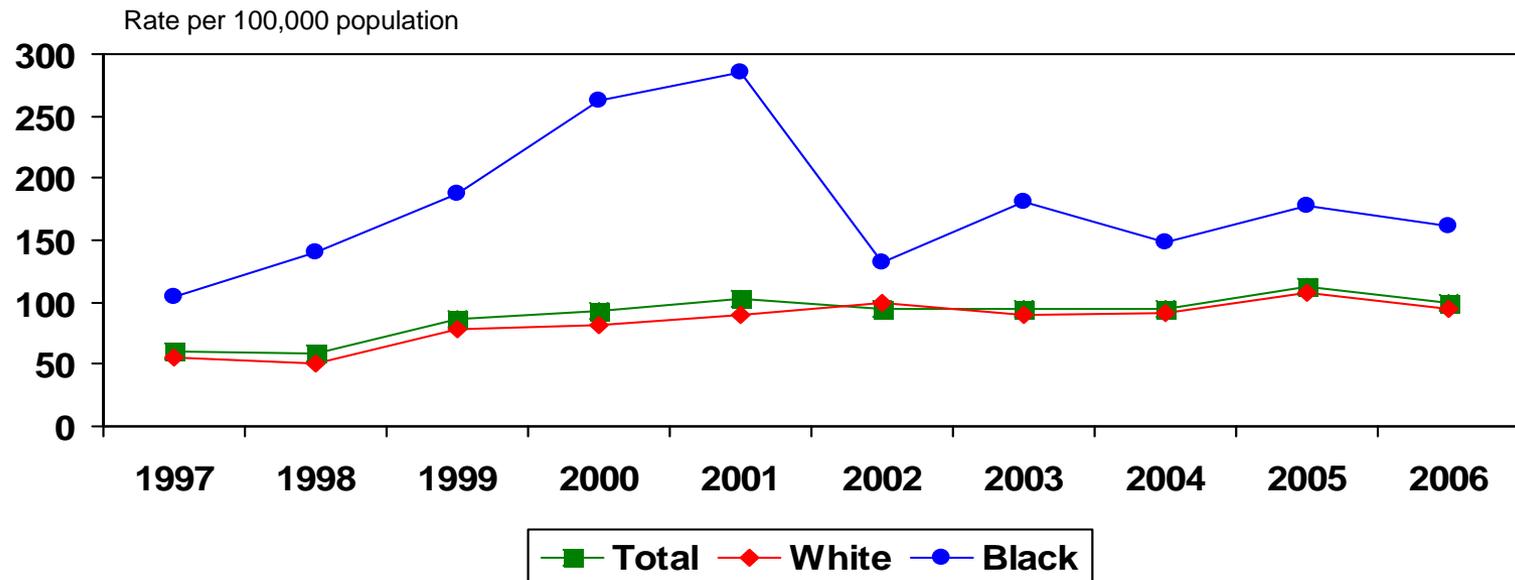
Indiana Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	79.2	74.7	75.7	75.0	71.0	73.1	62.6	68.5	64.4	67.9
White	74.9	63.0	71.8	71.0	71.2	71.2	61.6	66.6	63.0	63.9
Black	124.7	183.8	120.0	142.5	103.4	95.5	82.5	89.1	83.6	116.5

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

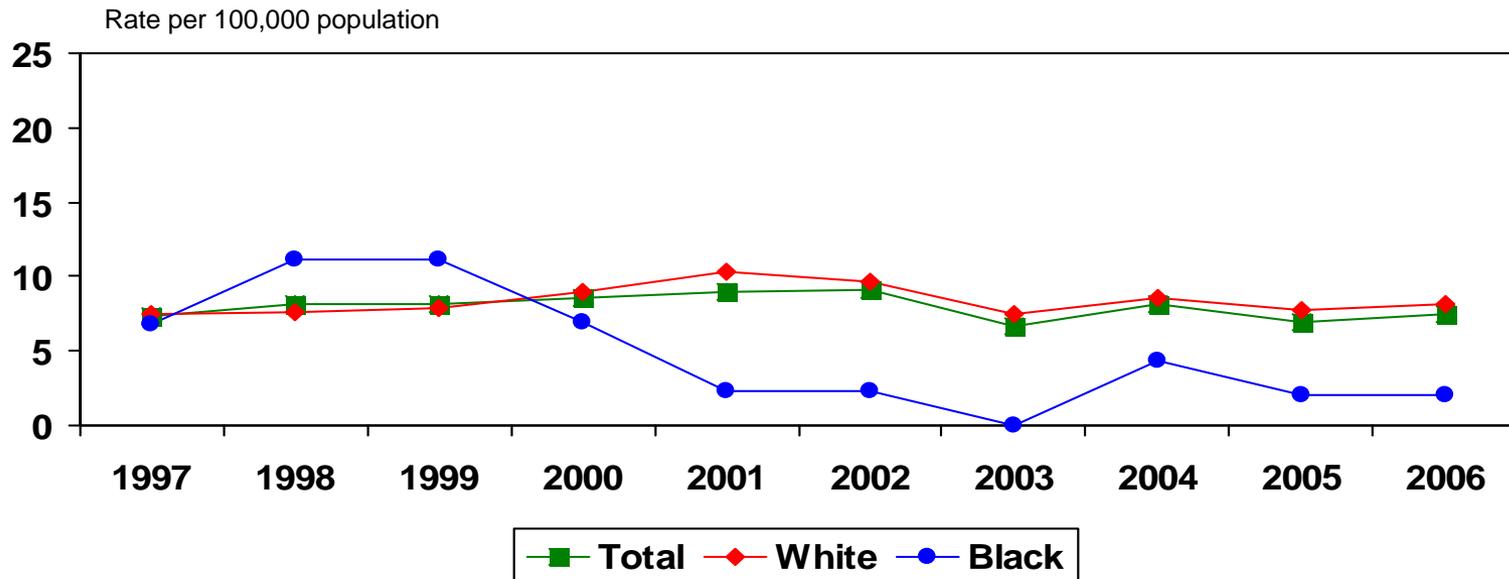
Mortality Rates for Young Adults Aged 20-21 Years, by Race Indiana Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	60.3	58.8	86.9	93.6	102.8	95.0	94.6	95.0	112.6	100.1
White	55.8	49.8	77.8	81.3	89.0	98.7	89.0	91.0	108.0	95.2
Black	103.7	140.7	188.3	262.6	286.0	131.5	180.3	148.4	177.3	161.2

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Suicide Mortality Rates Among Youths Aged 15-19 Years, by Race Indiana Residents, 1997-2006

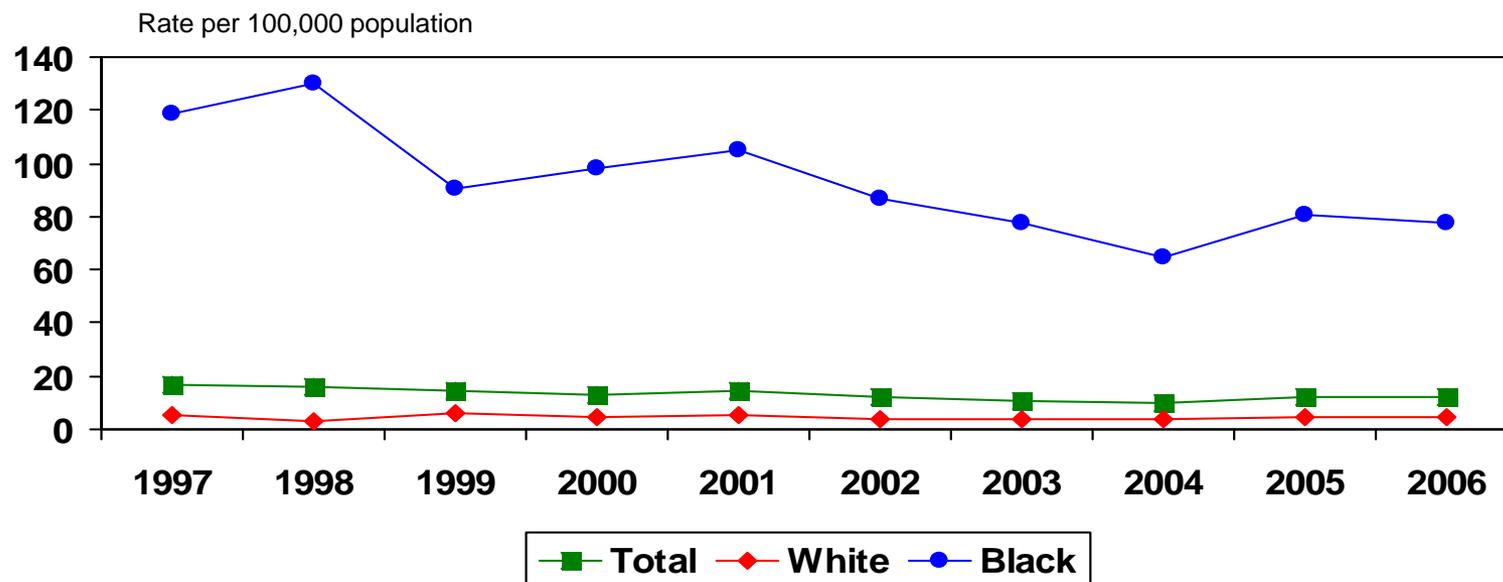


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	7.3	8.1	8.1	8.6	9.0	9.1	6.6	8.1	6.9	7.5
White	7.5	7.6	7.9	9.0	10.3	9.6	7.5	8.5	7.7	8.2
Black	6.8*	11.2*	11.1*	6.9*	2.3*	2.3*	0.0*	4.3*	2.1*	2.0*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Homicide Mortality Rates Among Those Aged 15-24 Years, by Race Indiana Residents, 1997-2006

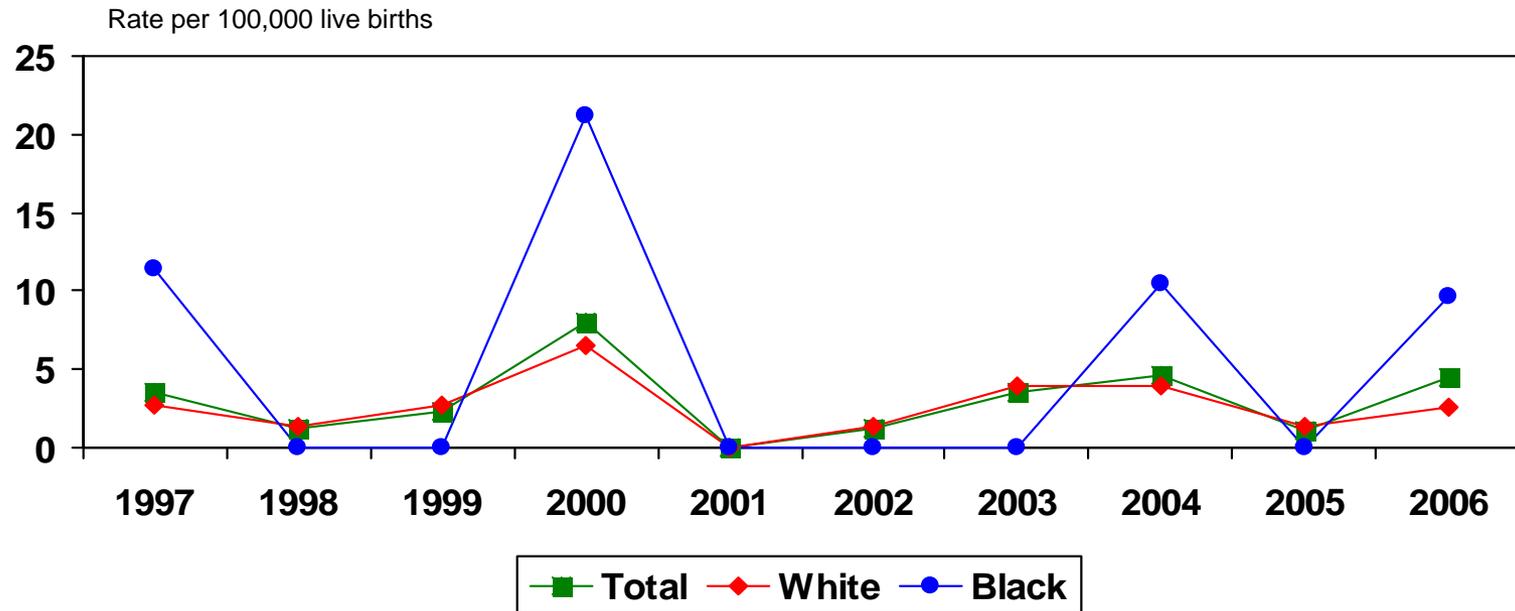


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	16.5	16.0	14.1	12.9	14.7	12.1	10.6	10.1	12.3	12.0
White	5.5	3.4	5.9	4.2	5.5	4.1	3.6	4.1	4.2	4.5
Black	118.4	130.4	90.5	98.1	105.2	86.7	77.9	64.4	80.9	77.3

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Maternal Mortality Rates by Race

Indiana Residents, 1997-2006

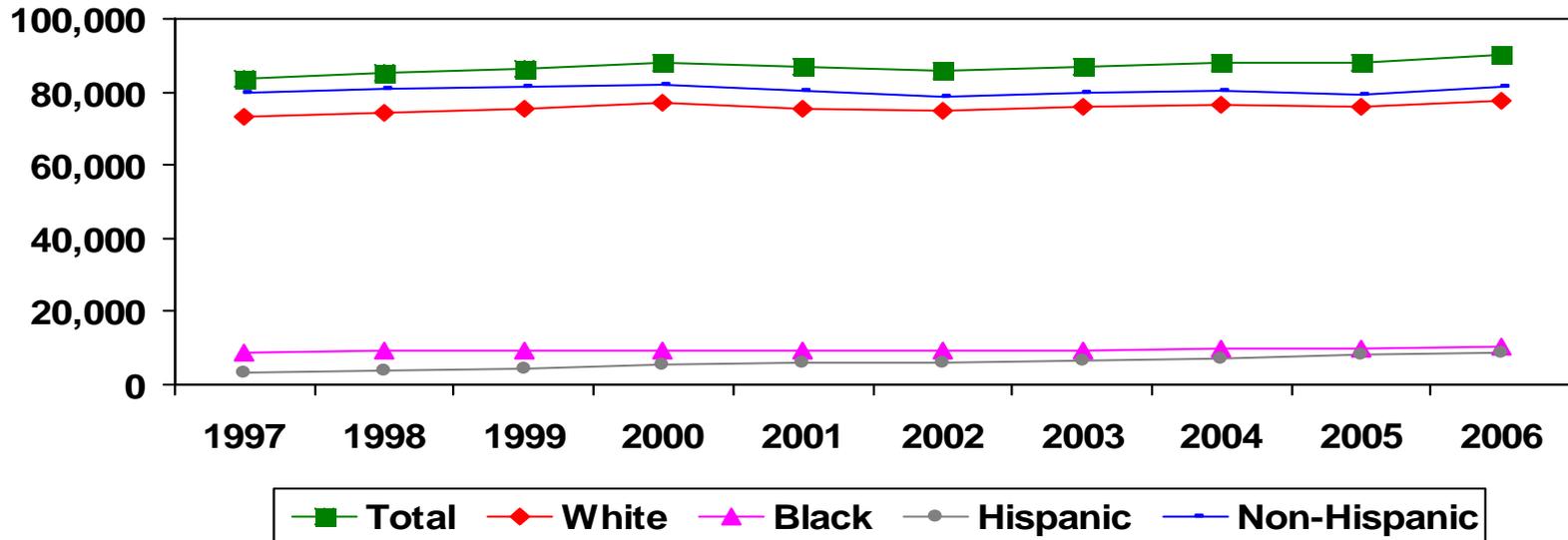


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	3.6*	1.2*	2.3*	8.0*	0.0*	1.2*	3.5*	4.6*	1.1*	4.5*
White	2.7*	1.3*	2.7*	6.5*	0.0*	1.4*	4.0*	4.0*	1.3*	2.6*
Black	11.4*	0.0*	0.0*	21.2*	0.0*	0.0*	0.0*	10.4*	0.0*	9.6*

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Number of Occurrent Live Births* by Race and Ethnicity Indiana, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	83,427	85,151	86,194	87,948	86,718	85,533	87,128	87,961	87,864	90,120
White	73,353	74,439	75,457	76,974	75,626	74,646	76,143	76,451	76,186	77,763
Black	8,767	9,242	9,263	9,432	9,536	9,300	9,329	9,658	9,882	10,451
Hispanic	3,467	3,827	4,434	5,512	5,913	6,206	6,821	7,322	8,125	8,567
Non-Hispanic	79,577	80,999	81,385	82,088	80,402	78,953	79,911	80,257	79,375	81,359

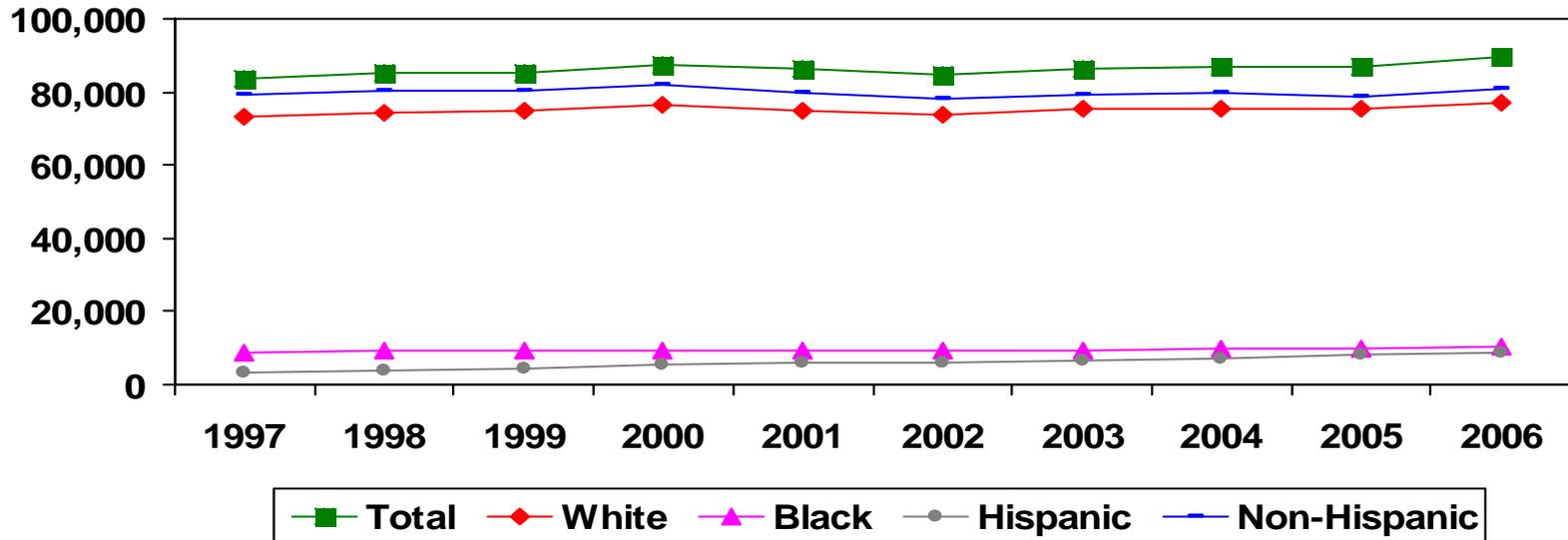
*Live births occurring in Indiana regardless of mother's state of residence.

Notes: Hispanic ethnicity can be of any race.

Some updates have been made to the 1997, 2000, and 2001 data.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Number of Resident Live Births* by Race and Ethnicity Indiana, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	83,385	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	89,404
White	73,344	74,374	74,787	76,753	75,056	74,013	75,422	75,680	75,464	77,096
Black	8,739	9,216	9,244	9,421	9,531	9,243	9,288	9,582	9,820	10,396
Hispanic	3,393	3,781	4,383	5,427	5,865	6,145	6,763	7,237	8,026	8,488
Non-Hispanic	79,178	80,234	80,467	81,947	79,883	78,346	79,261	79,537	78,723	80,727

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

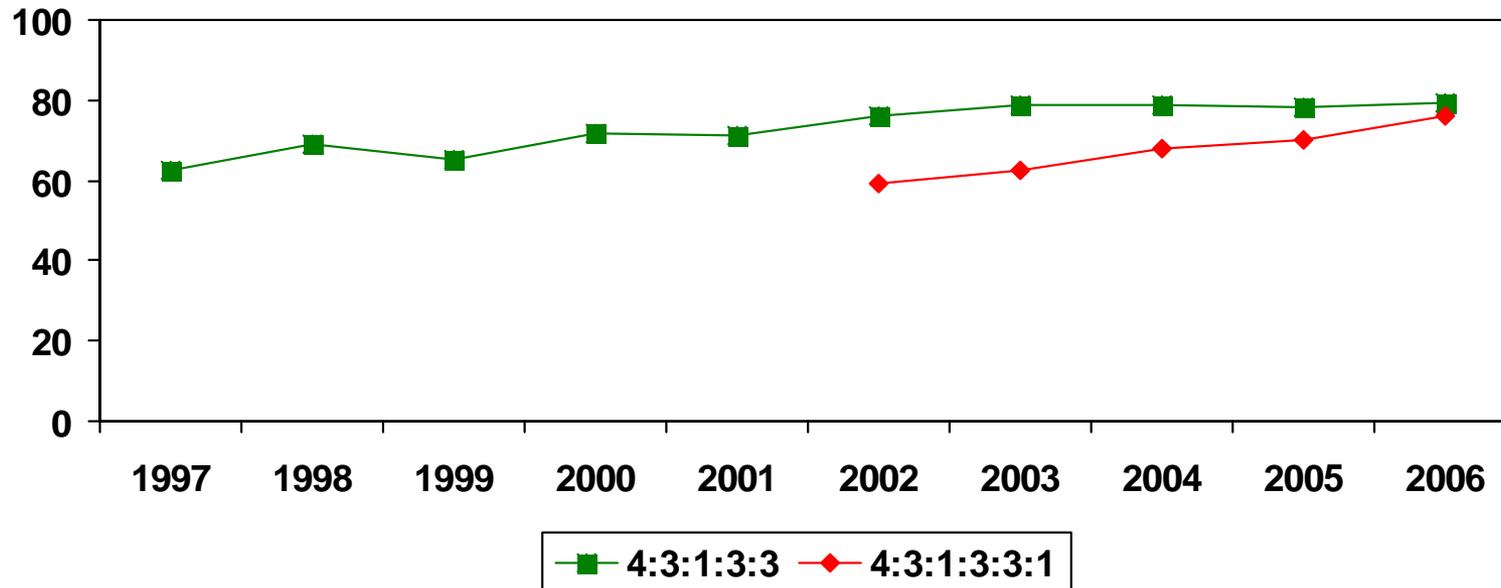
Note: Hispanic ethnicity can be of any race.

Some updates have been made to the 1998 data.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

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 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
4:3:1:3:3	62.7	68.8	65.3	72.0	71.1	76.0	79.0	79.0	78.1	79.6
4:3:1:3:3:1	n/a	n/a	n/a	n/a	n/a	59.4	62.3	68.2	69.9	75.9

*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
1997-2006**

	Statewide	Indianapolis	Balance of State
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%
January 1997-December 1997	63%	67%	62%

*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
2002-2006**

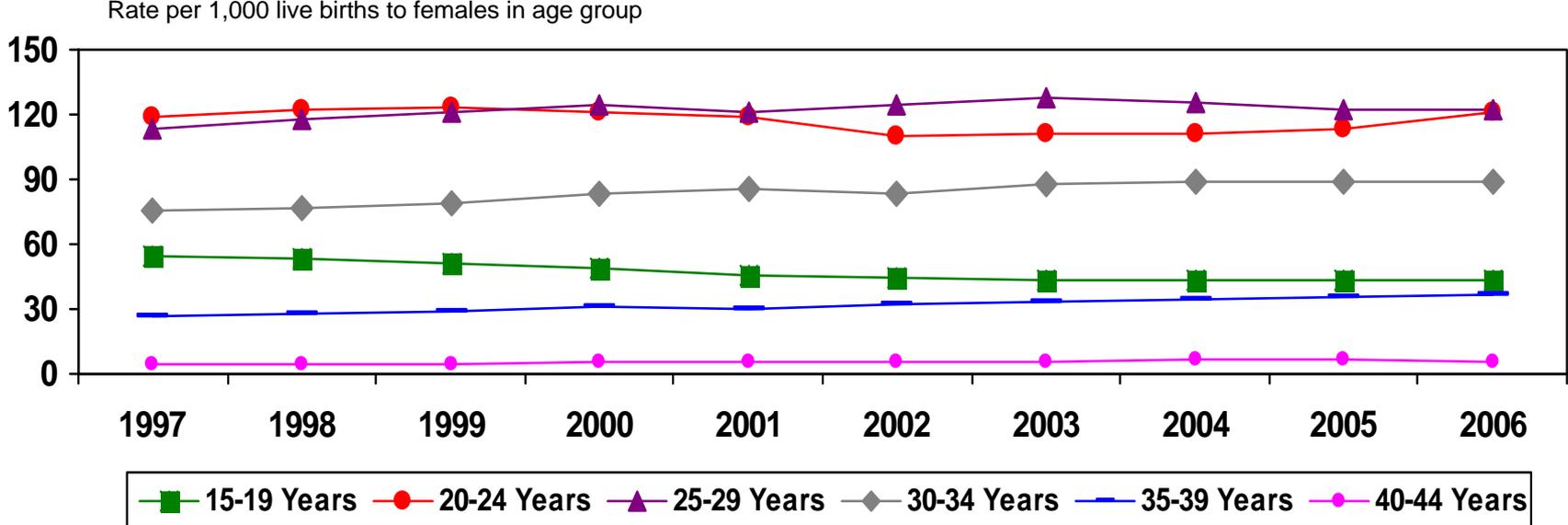
	Statewide	Indianapolis	Balance of State
January 2006-December 2006	76%	77%	76%
January 2005-December 2005	70%	n/a	n/a
January 2004-December 2004	68%	74%	67%
January 2003-December 2003	62%	66%	62%
January 2002-December 2002	59%	62%	59%

*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

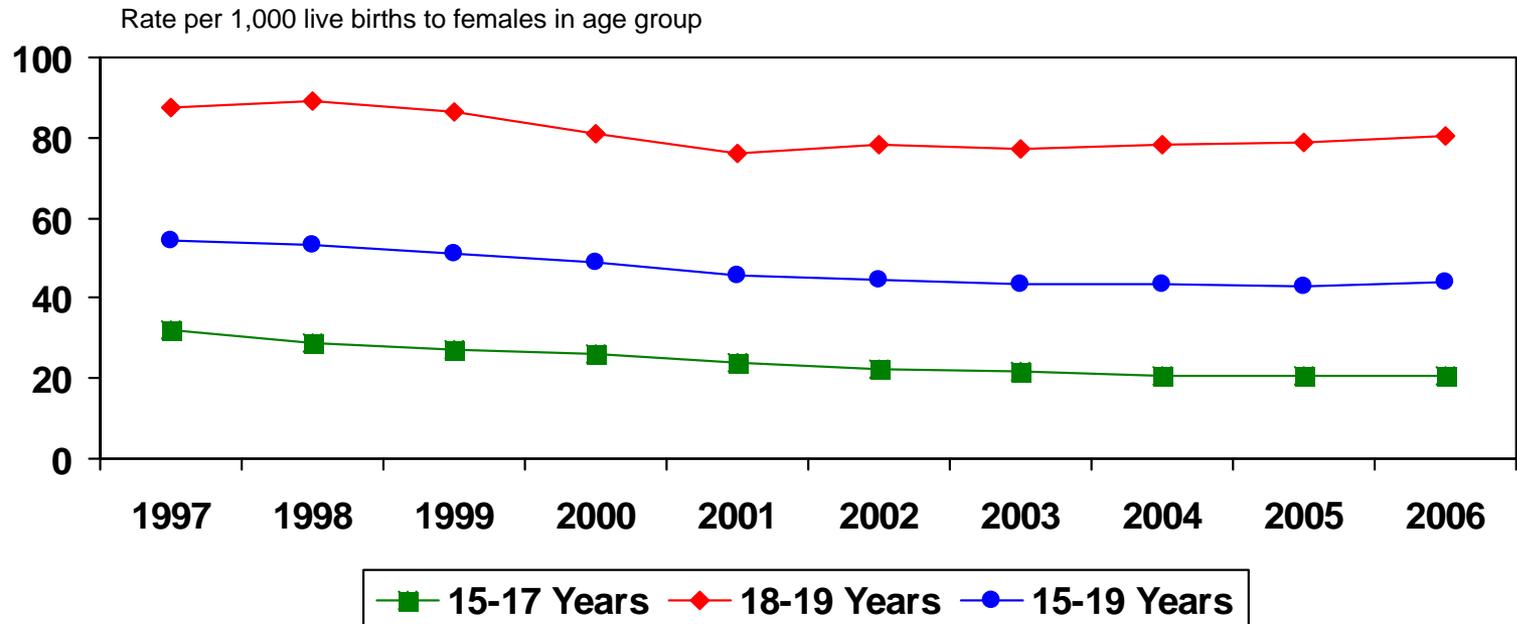
Age-Specific Birth Rates by Age Group for Females Indiana Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
15-19 Years	54.1	53.2	51.3	49.1	45.7	44.5	43.4	43.5	43.2	43.8
20-24 Years	118.7	122.4	123.2	121.5	119.3	110.5	110.8	111.5	113.7	121.0
25-29 Years	112.8	117.4	120.7	124.1	121.3	124.9	127.7	125.4	122.7	122.5
30-34 Years	75.3	76.8	78.5	82.9	85.1	83.4	88.1	88.9	89.1	88.8
35-39 Years	27.2	27.8	29.1	30.9	30.0	32.0	33.4	35.0	35.3	36.6
40-44 Years	4.4	5.0	4.9	5.6	5.5	5.7	6.0	6.6	6.4	6.1

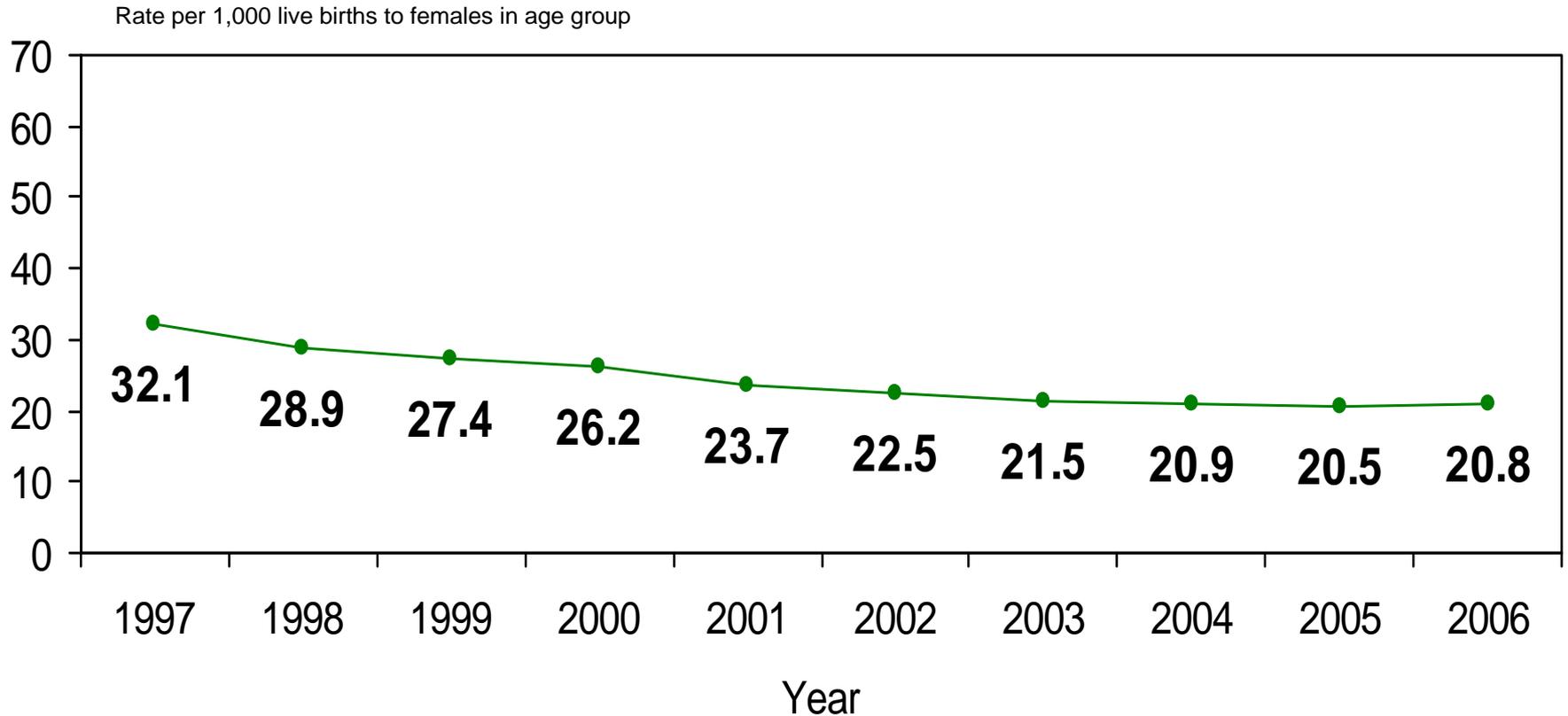
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Age-Specific Birth Rates by Age Group for Teenage Females Indiana Residents, 1997-2006



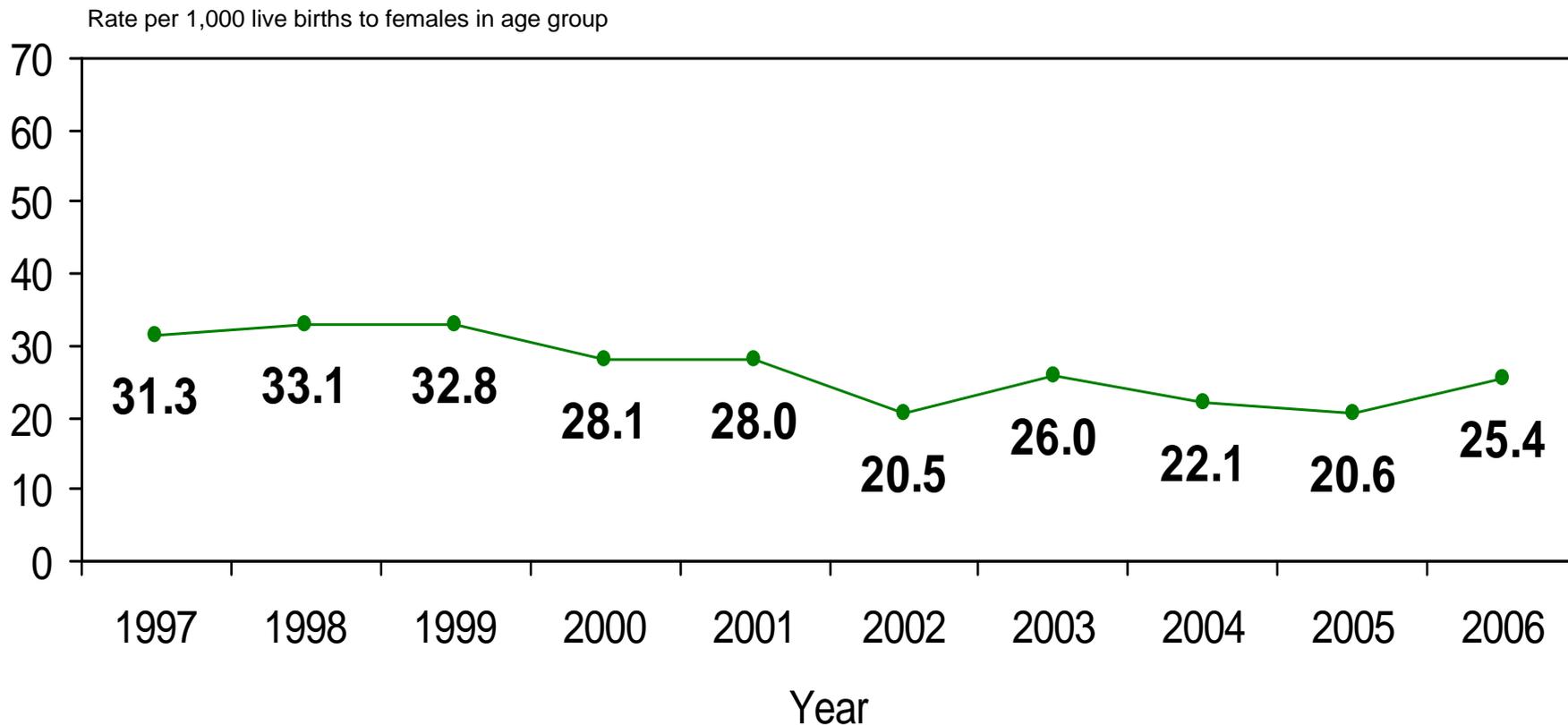
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
15-17 Years	32.1	28.9	27.4	26.2	23.7	22.5	21.5	20.9	20.5	20.8
18-19 Years	87.5	89.4	86.3	80.8	76.1	78.3	77.2	78.1	78.8	80.3
15-19 Years	54.1	53.2	51.3	49.1	45.7	44.5	43.4	43.5	43.2	43.8

Age-Specific Birth Rates Females Aged 15-17 Years Indiana Residents, 1997-2006



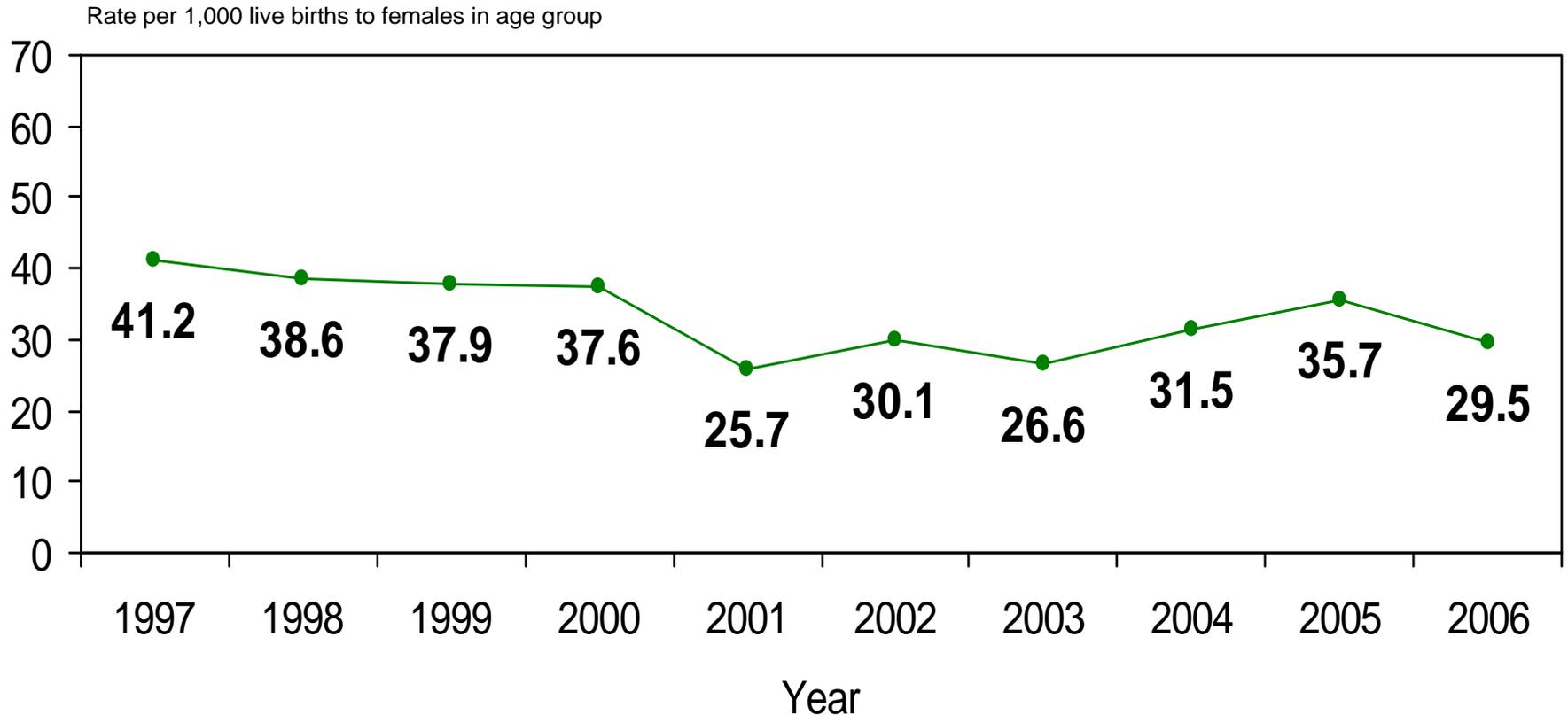
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Age-Specific Birth Rates Females Aged 15-17 Years Allen County Residents, 1997-2006



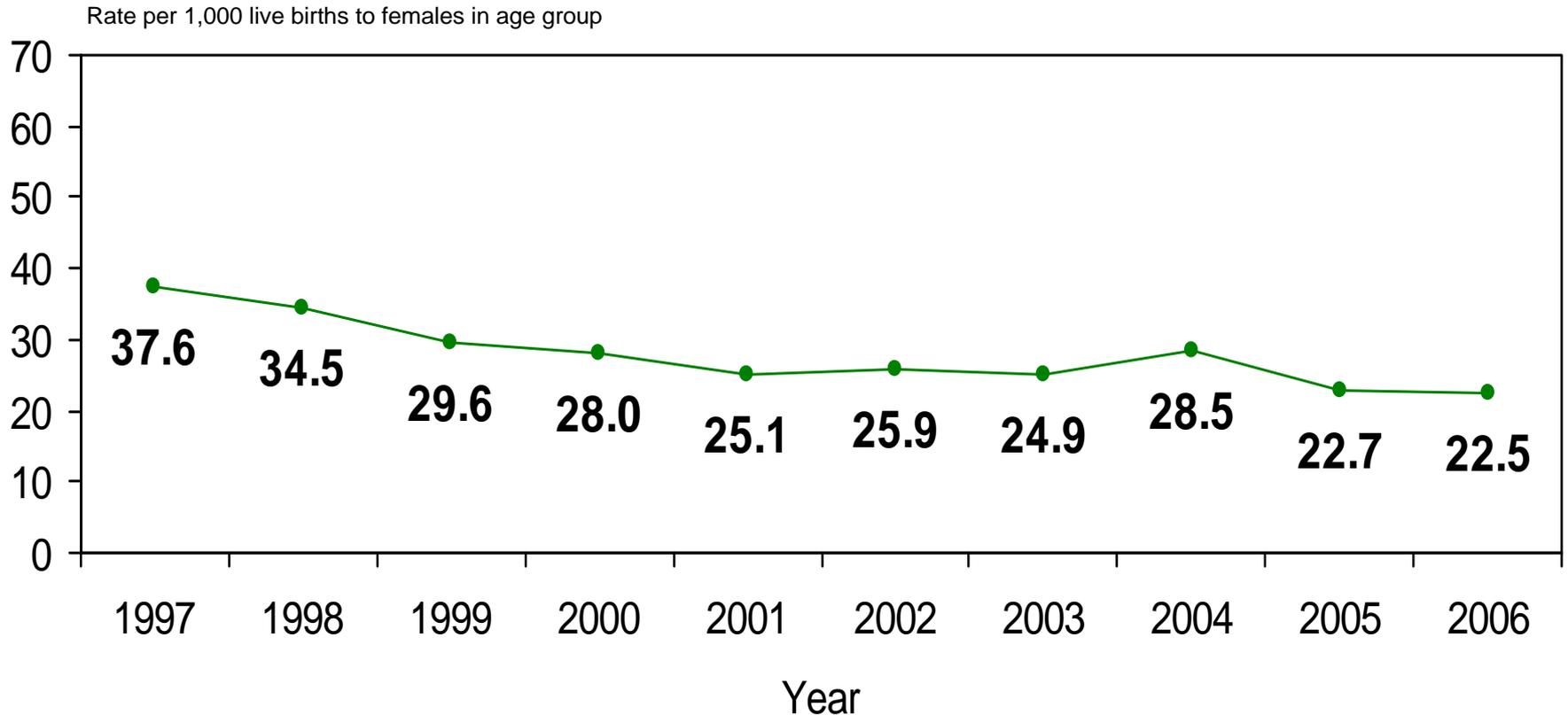
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Age-Specific Birth Rates Females Aged 15-17 Years Elkhart County Residents, 1997-2006



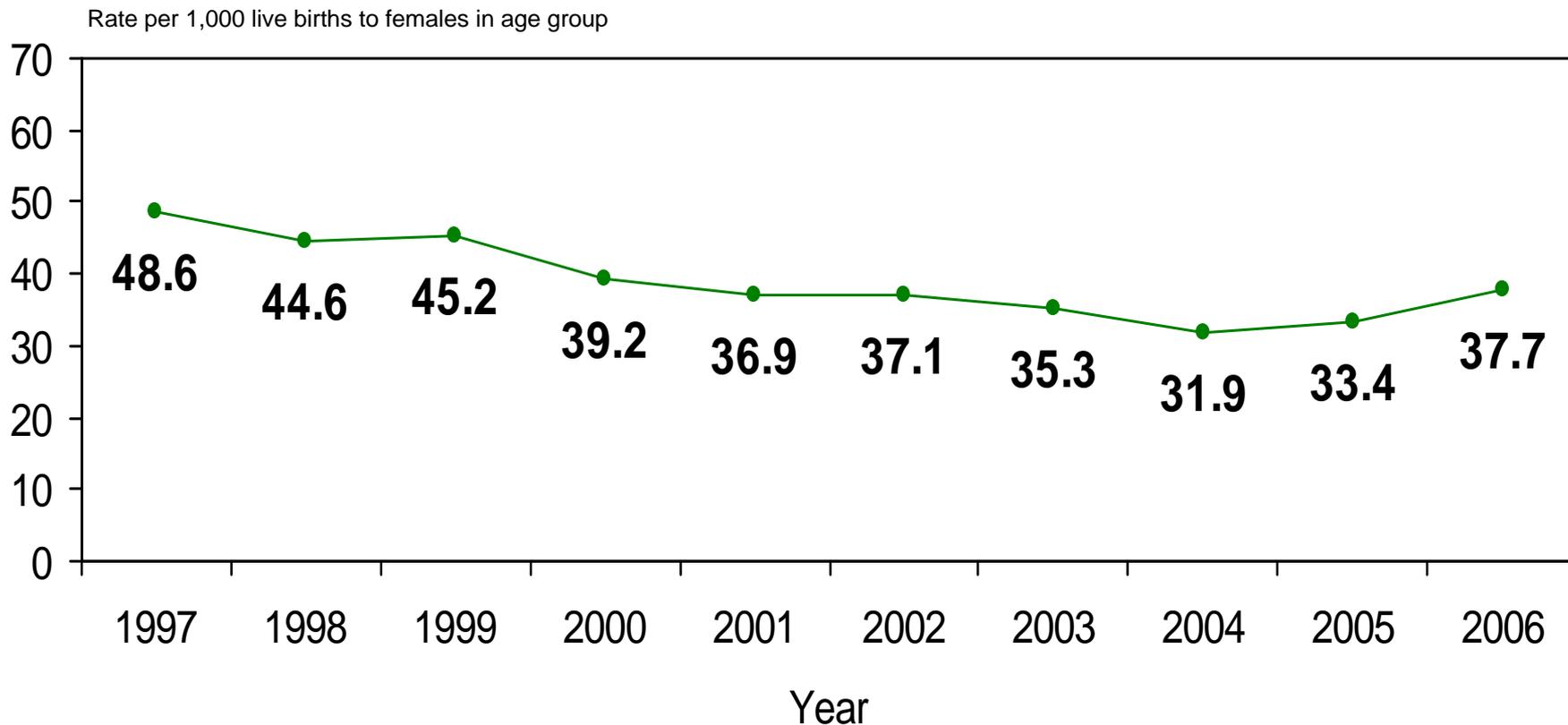
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Age-Specific Birth Rates Females Aged 15-17 Years Lake County Residents, 1997-2006



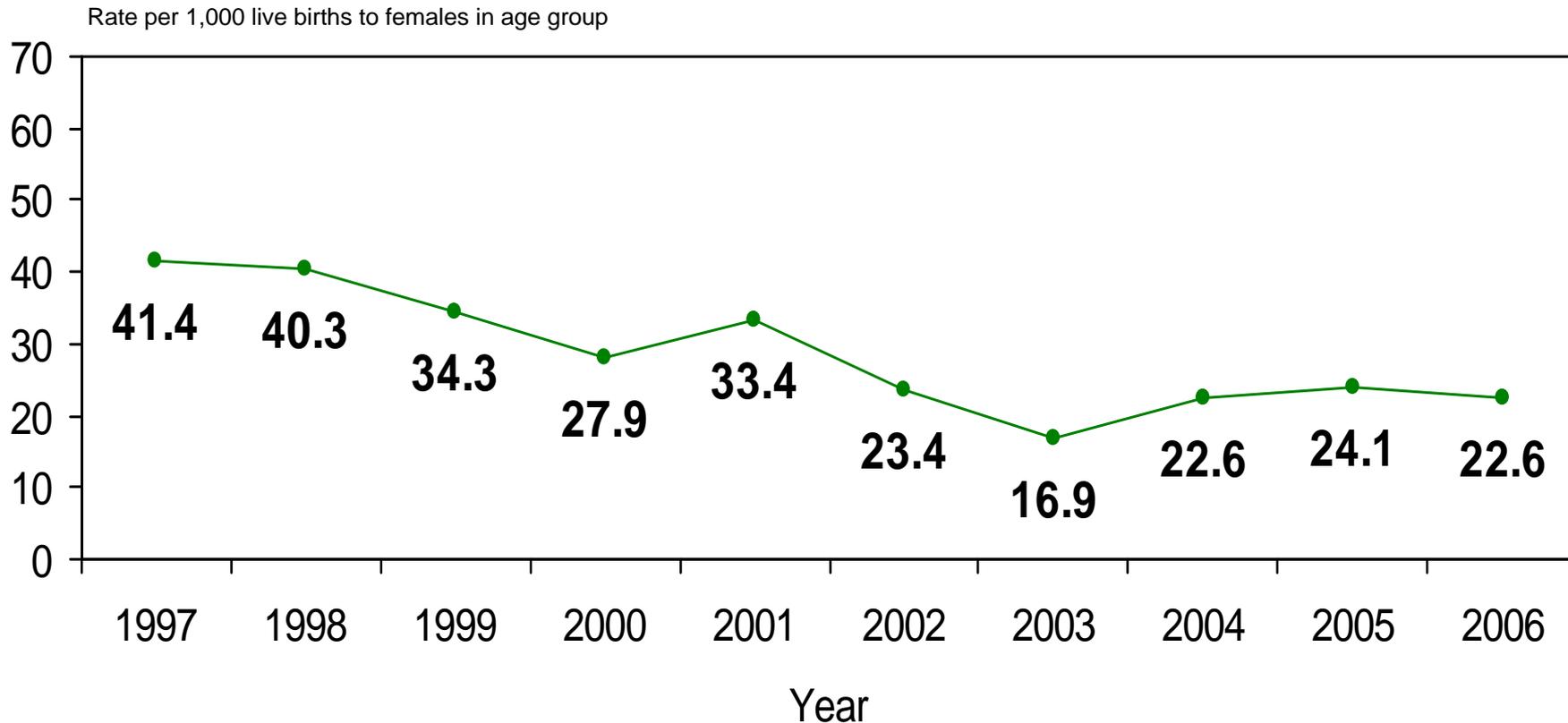
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Age-Specific Birth Rates Females Aged 15-17 Years Marion County Residents, 1997-2006



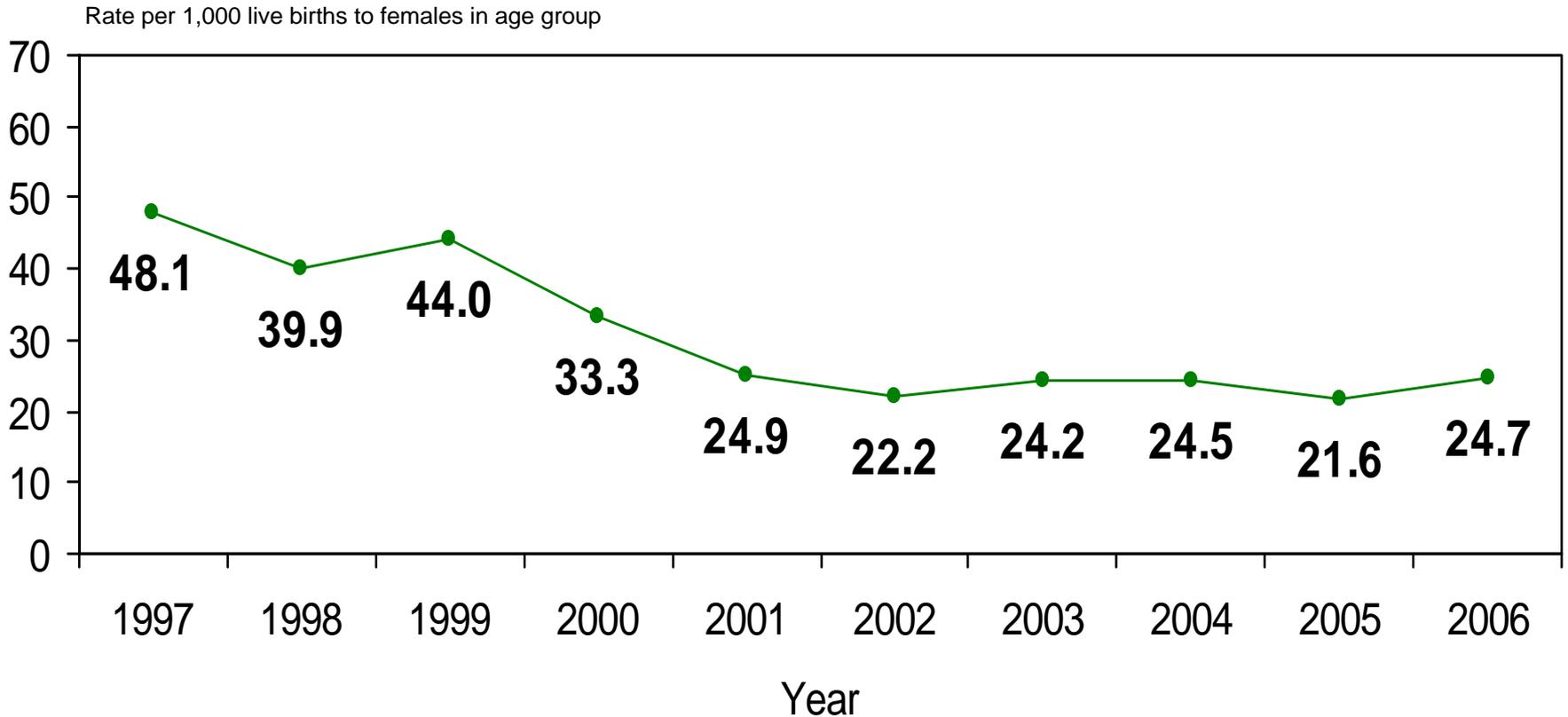
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Age-Specific Birth Rates Females Aged 15-17 Years St. Joseph County Residents, 1997-2006



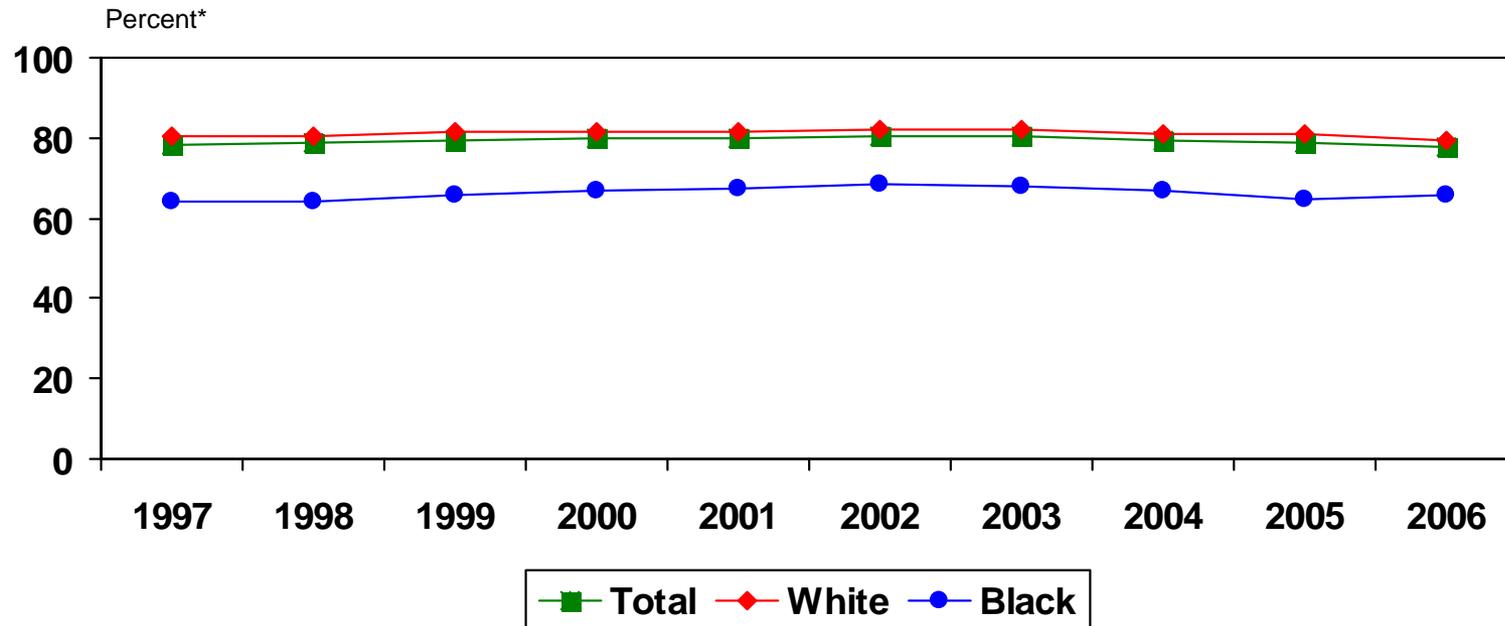
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Age-Specific Birth Rates Females Aged 15-17 Years Vanderburgh County Residents, 1997-2006



Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race Indiana Residents, 1997-2006

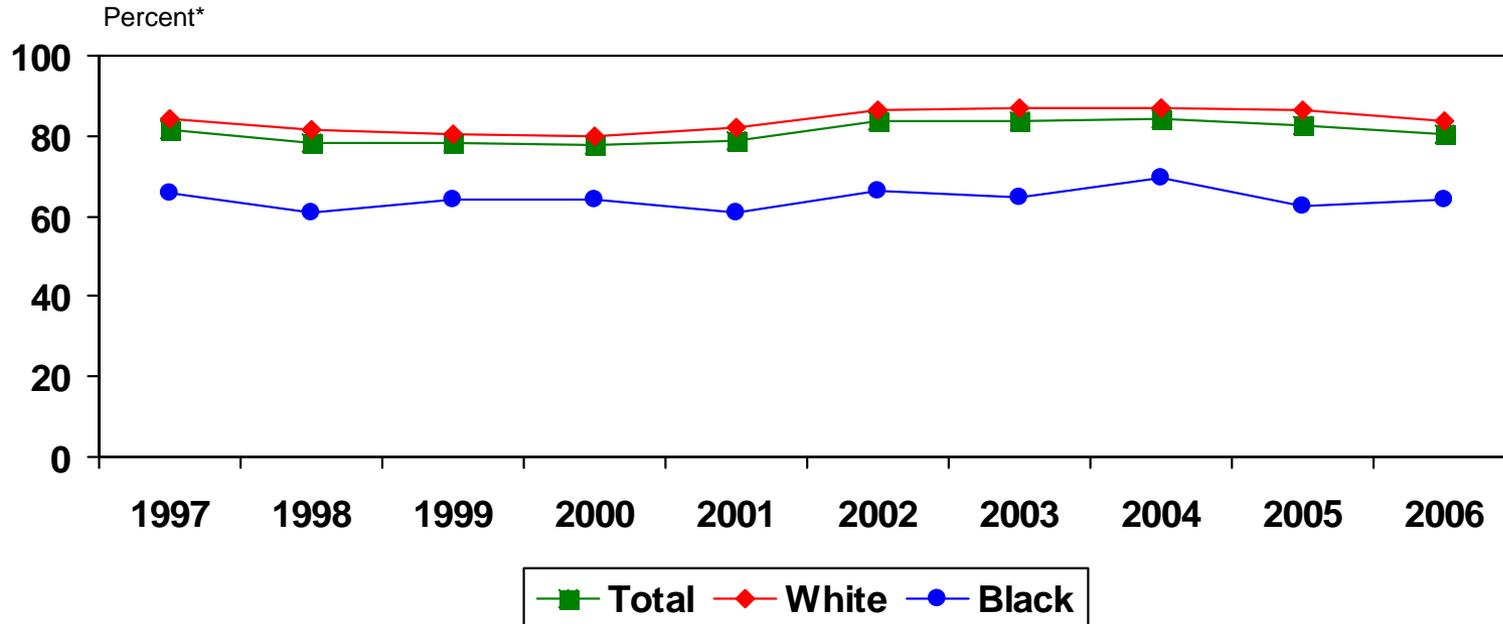


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	78.5	78.7	79.5	80.0	79.8	80.5	80.6	79.3	78.9	77.6
White	80.3	80.6	81.3	81.6	81.4	82.1	82.1	80.8	80.8	79.2
Black	64.0	63.9	65.5	67.1	67.6	68.6	68.2	67.1	64.8	65.6

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race Allen County Residents, 1997-2006

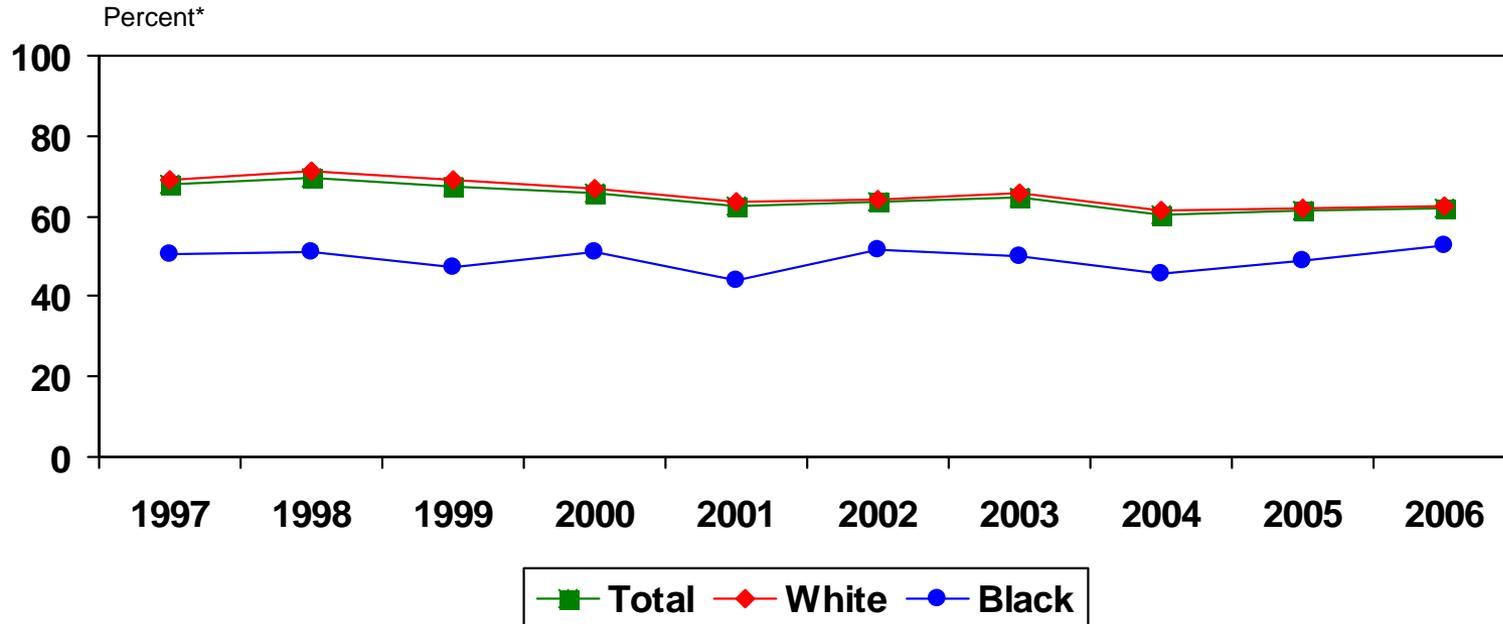


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	81.4	78.3	78.2	77.5	78.9	83.5	83.9	84.2	82.8	80.5
White	84.5	81.5	80.7	79.7	82.3	86.4	87.1	86.8	86.3	83.8
Black	66.0	61.0	64.3	64.3	61.0	66.2	64.6	69.5	62.6	63.9

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race Elkhart County Residents, 1997-2006

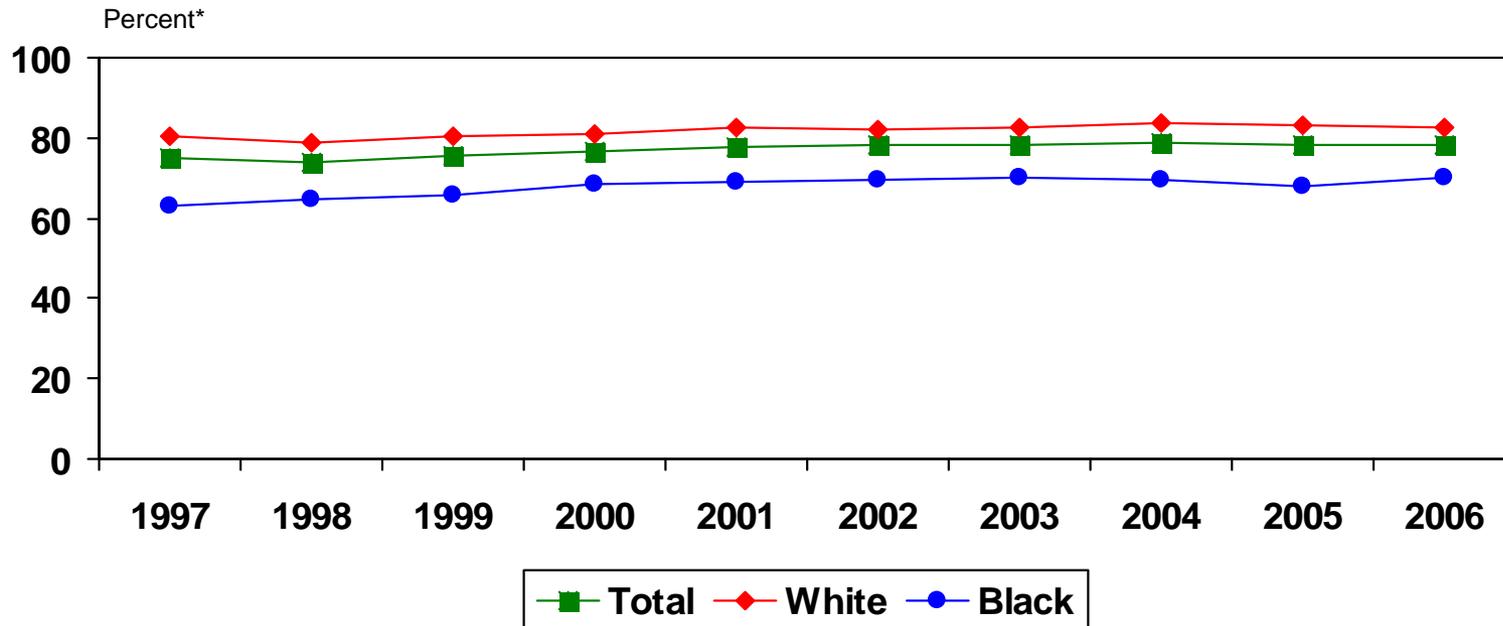


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	67.9	69.8	67.6	65.8	62.4	63.5	64.6	60.5	61.3	61.8
White	69.1	71.2	69.1	66.7	63.6	64.3	65.5	61.4	62.0	62.5
Black	50.5	50.9	47.4	50.9	44.1	51.5	50.0	45.9	49.1	52.6

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race Lake County Residents, 1997-2006



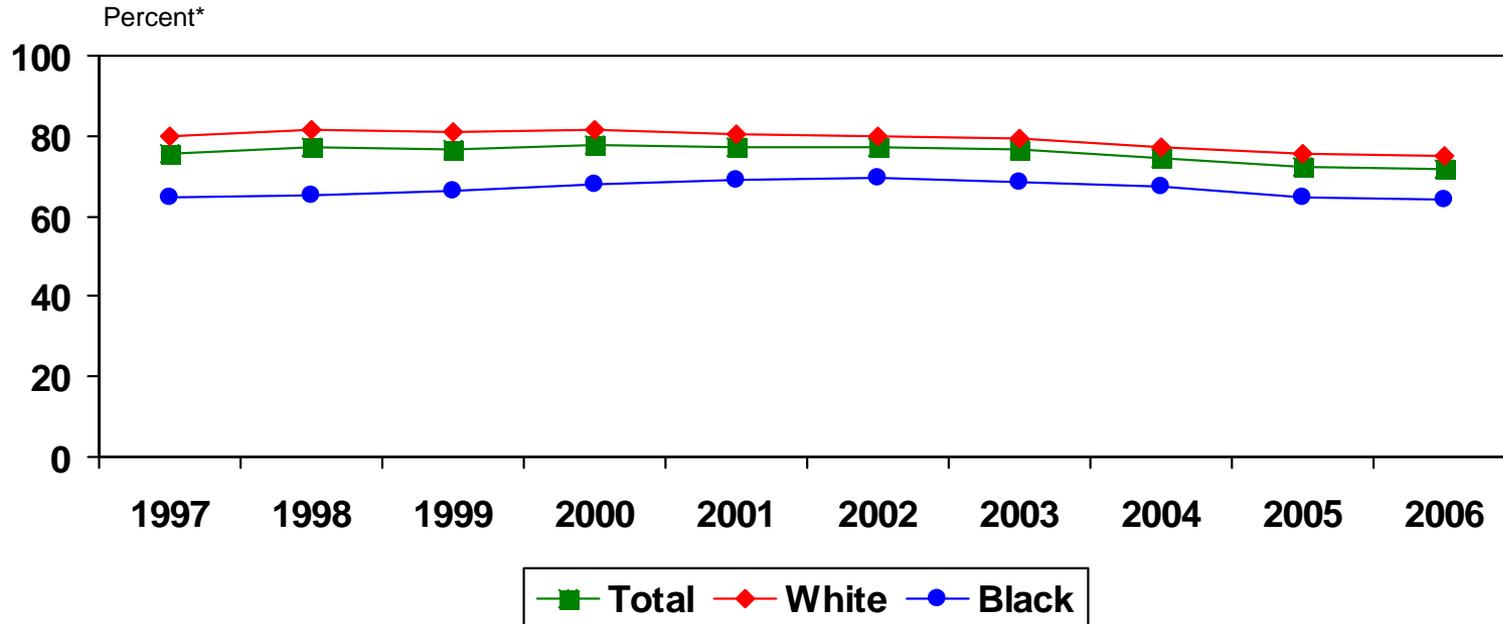
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	74.9	74.1	75.7	76.9	77.9	78.2	78.5	79.0	78.1	78.4
White	80.2	78.8	80.5	81.1	82.4	82.3	82.7	83.5	82.9	82.7
Black	63.3	64.5	65.8	68.3	69.0	69.4	69.9	69.5	67.8	70.0

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race

Marion County Residents, 1997-2006



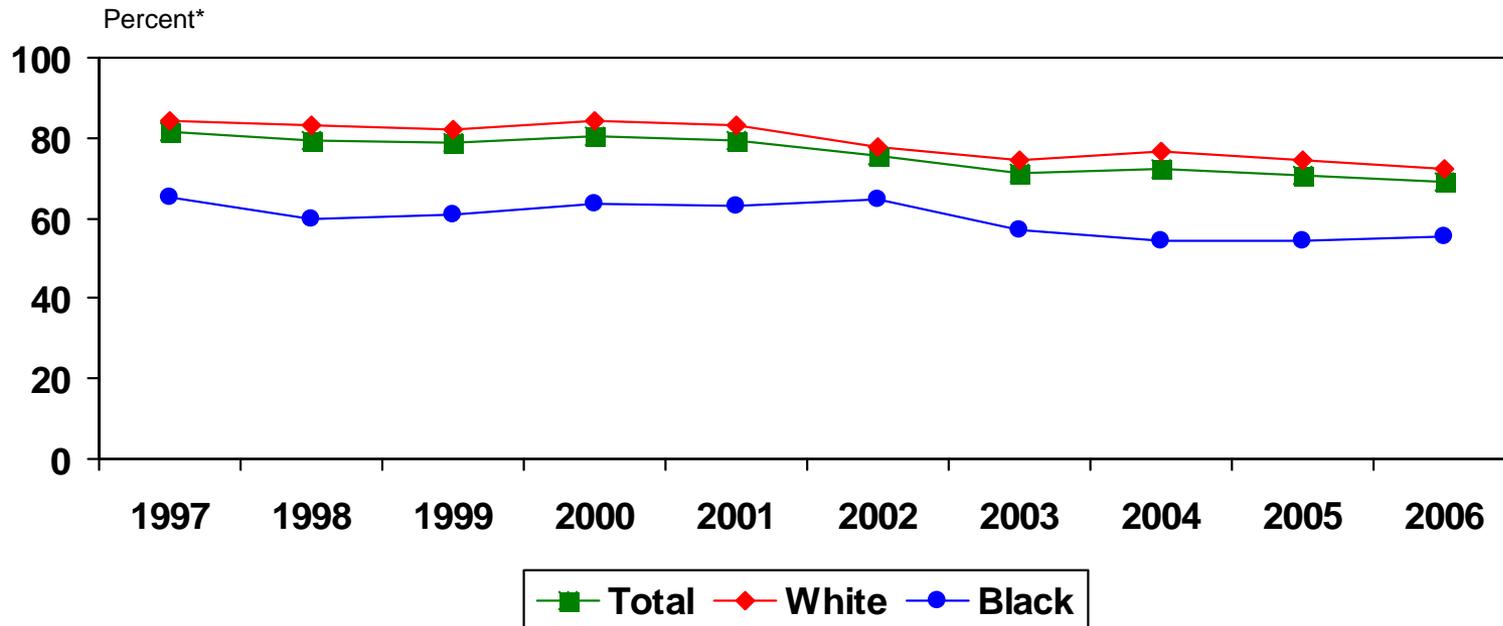
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	75.7	77.0	76.9	77.5	77.1	77.0	76.4	74.6	72.4	72.0
White	79.8	81.5	81.0	81.5	80.4	80.1	79.3	77.4	75.5	75.2
Black	64.5	65.4	66.5	68.0	69.2	69.3	68.7	67.3	64.6	64.3

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race

St. Joseph County Residents, 1997-2006

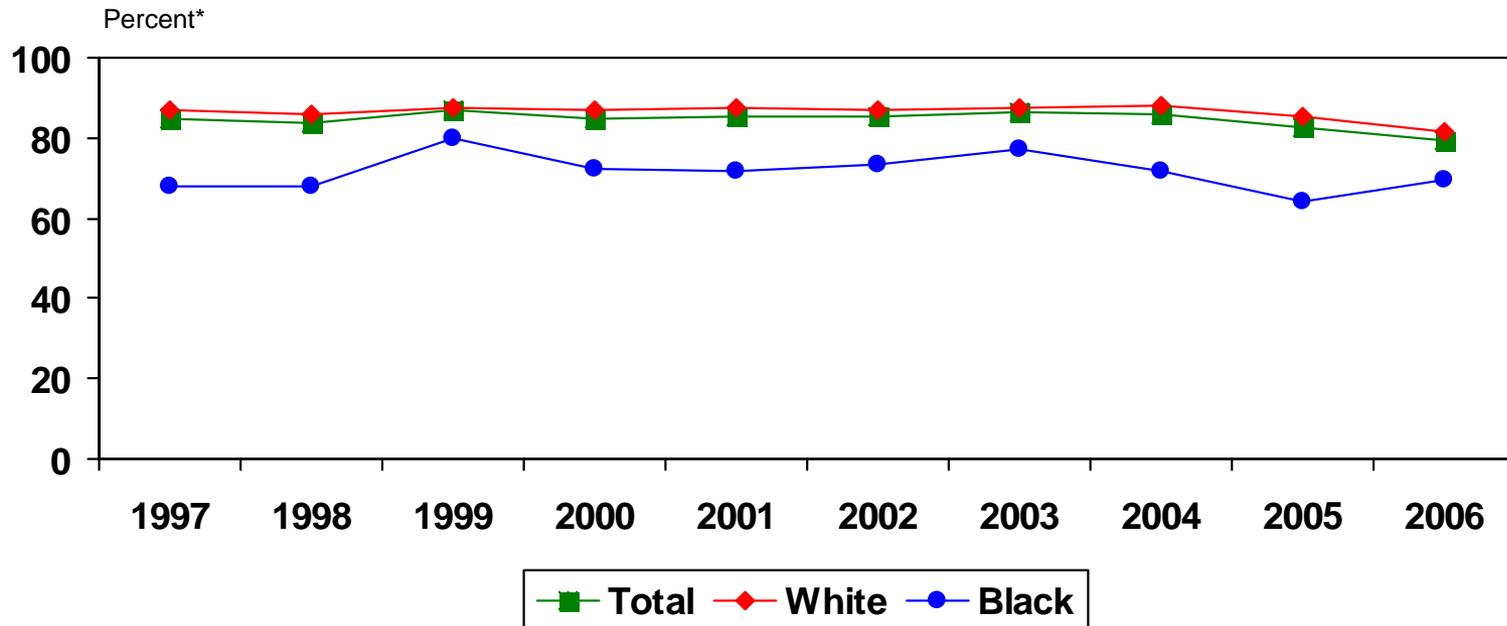


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	81.3	79.2	78.8	80.5	79.5	75.5	71.3	72.5	70.8	69.1
White	84.4	82.9	82.3	84.0	83.2	77.9	74.7	76.5	74.6	72.1
Black	65.2	60.0	60.7	63.8	63.1	64.5	56.9	54.3	54.5	55.2

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race Vanderburgh County Residents, 1997-2006



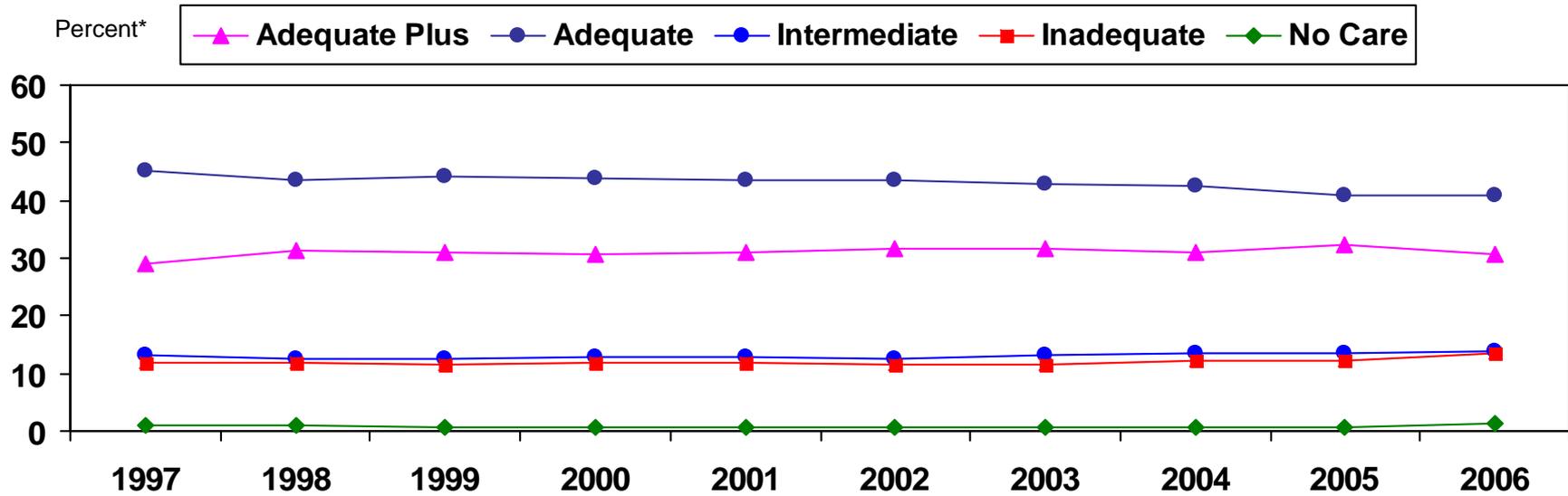
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	84.6	83.5	86.7	84.8	85.3	85.1	86.2	85.8	82.6	79.6
White	87.0	85.9	87.7	86.7	87.4	86.9	87.4	87.9	85.5	81.3
Black	68.1	68.0	79.8	72.5	71.8	73.5	77.1	71.6	64.4	69.3

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Adequacy of Prenatal Care Utilization (Kotelchuck Index)

All Races, Indiana Residents, 1997-2006



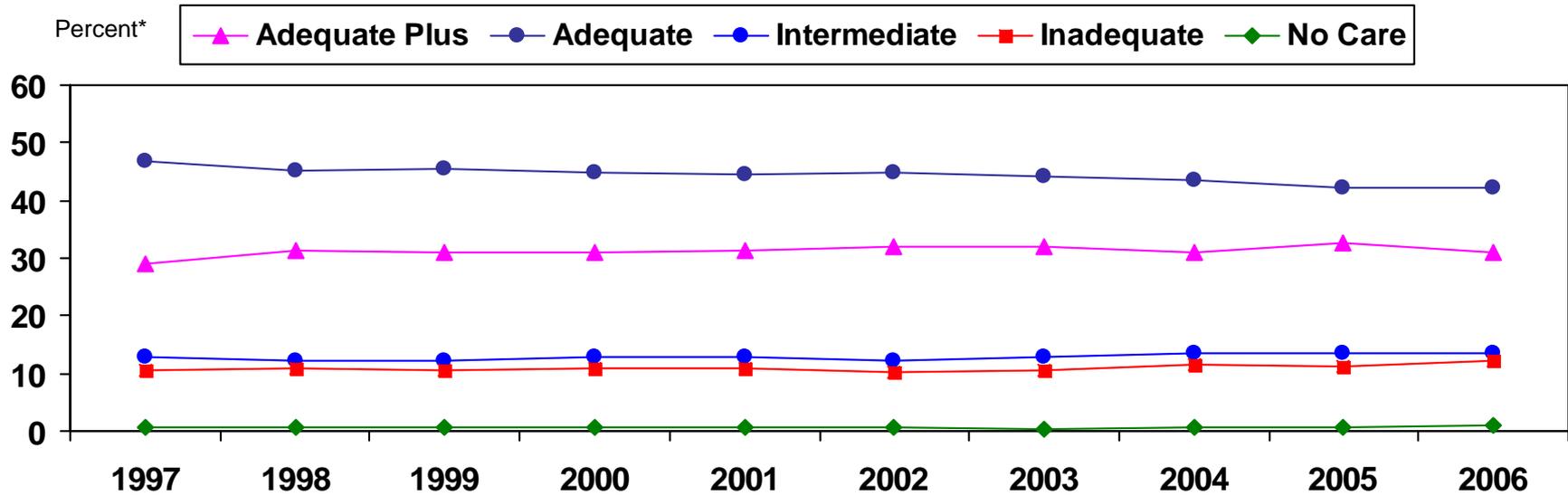
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Adequate Plus	28.9	31.2	31.1	30.8	31.0	31.8	31.8	31.0	32.4	30.5
Adequate	45.3	43.5	44.2	43.7	43.4	43.6	42.9	42.4	41.0	40.9
Intermediate	13.1	12.4	12.4	12.9	13.0	12.5	13.2	13.6	13.6	13.8
Inadequate	11.9	12.0	11.7	11.8	11.9	11.4	11.5	12.3	12.3	13.5
No Care	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.8	0.7	1.3

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Adequacy of Prenatal Care Utilization (Kotelchuck Index)

White Population, Indiana Residents, 1997-2006



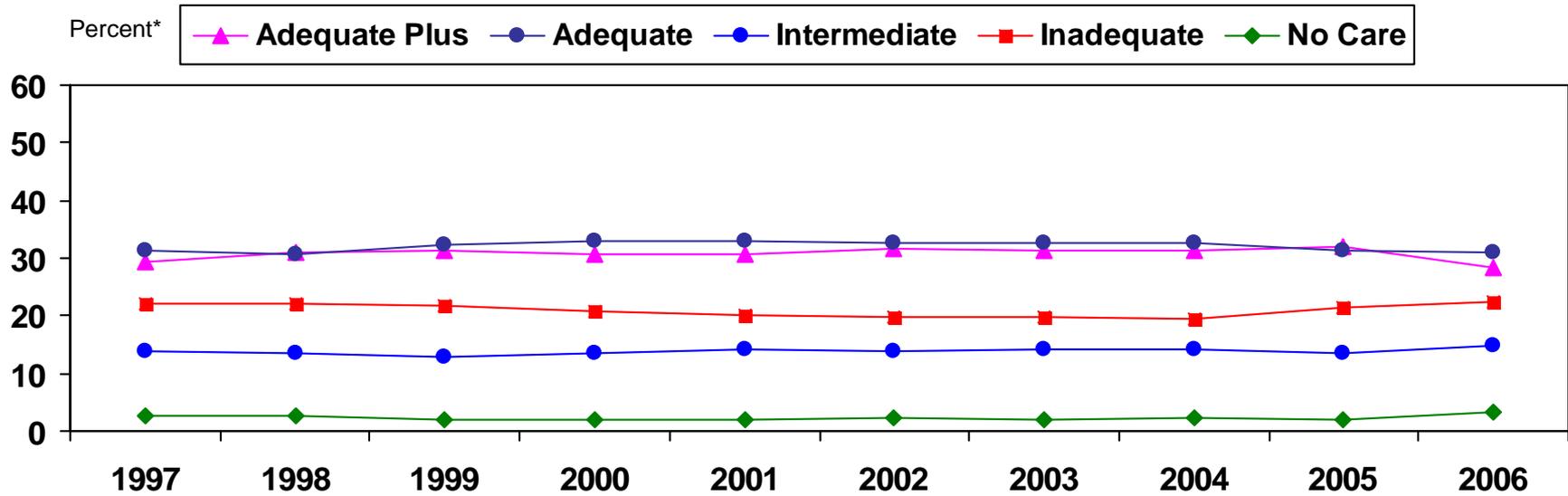
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Adequate Plus	28.9	31.2	31.1	30.9	31.2	31.9	32.0	31.0	32.6	30.9
Adequate	46.8	45.1	45.6	45.0	44.6	45.0	44.1	43.6	42.1	42.2
Intermediate	12.9	12.3	12.3	12.8	12.8	12.3	13.0	13.4	13.6	13.6
Inadequate	10.7	10.8	10.4	10.8	10.8	10.3	10.5	11.4	11.2	12.3
No Care	0.7	0.6	0.6	0.6	0.6	0.5	0.4	0.6	0.5	1.1

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Adequacy of Prenatal Care Utilization (Kotelchuck Index)

Black Population, Indiana Residents, 1997-2006



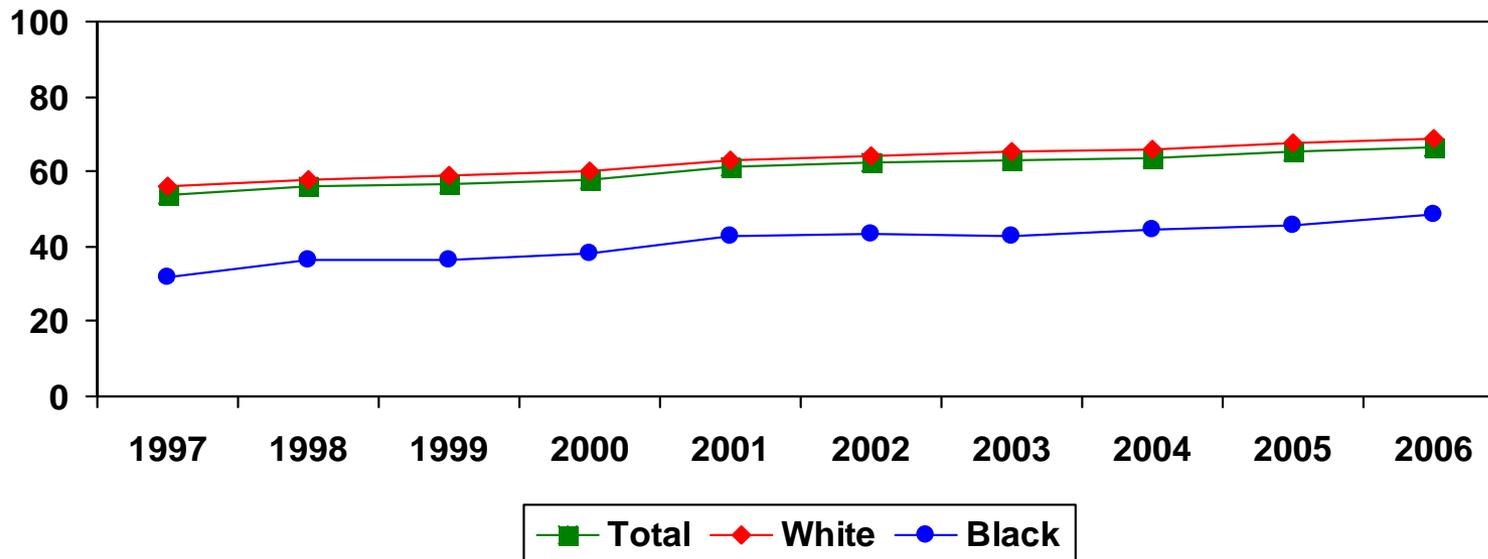
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Adequate Plus	29.5	30.9	31.3	30.7	30.5	31.6	31.4	31.4	32.0	28.2
Adequate	31.4	30.7	32.2	33.0	33.0	32.6	32.6	32.5	31.3	31.1
Intermediate	14.0	13.4	12.7	13.5	14.1	13.7	14.1	14.3	13.4	14.9
Inadequate	22.2	22.2	21.7	20.7	20.2	19.8	19.7	19.4	21.3	22.5
No Care	2.8	2.8	2.1	2.1	2.1	2.4	2.1	2.4	2.1	3.3

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Race

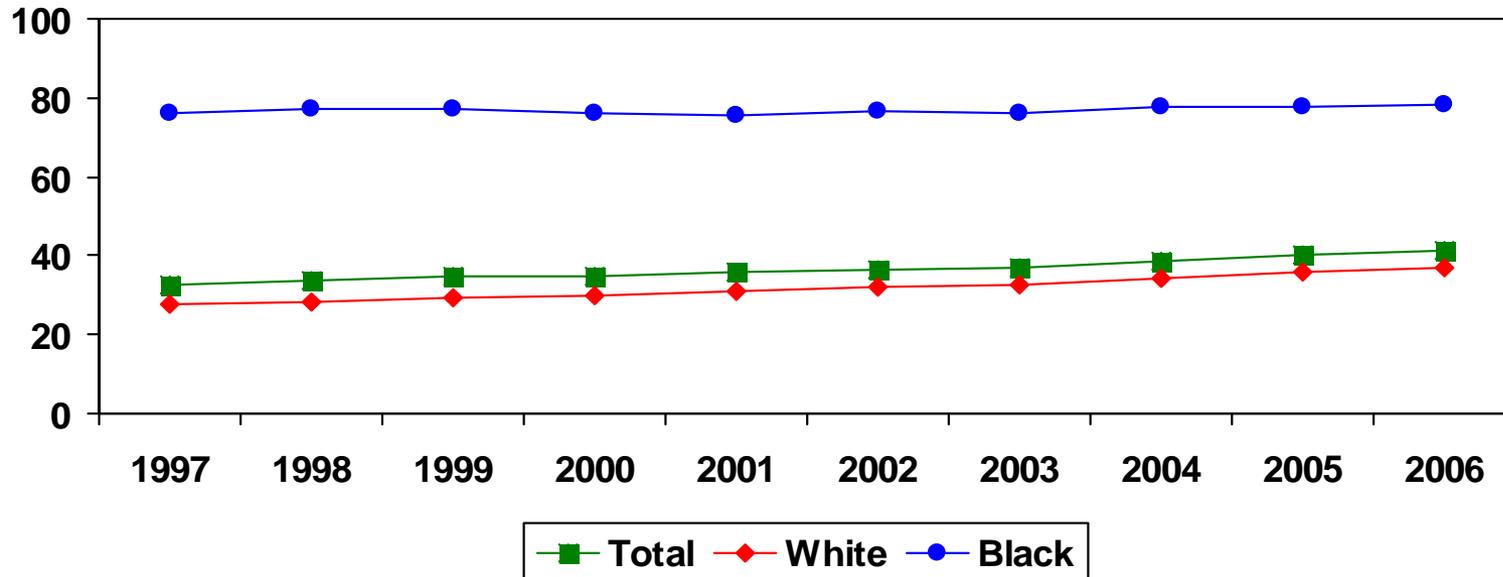
Indiana Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	53.8	55.9	56.8	58.0	61.1	62.4	63.2	63.8	65.3	66.5
White	56.1	58.0	59.0	60.2	63.1	64.4	65.5	65.8	67.6	68.5
Black	31.9	36.6	36.4	38.1	42.9	43.5	42.6	44.6	45.5	48.7

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

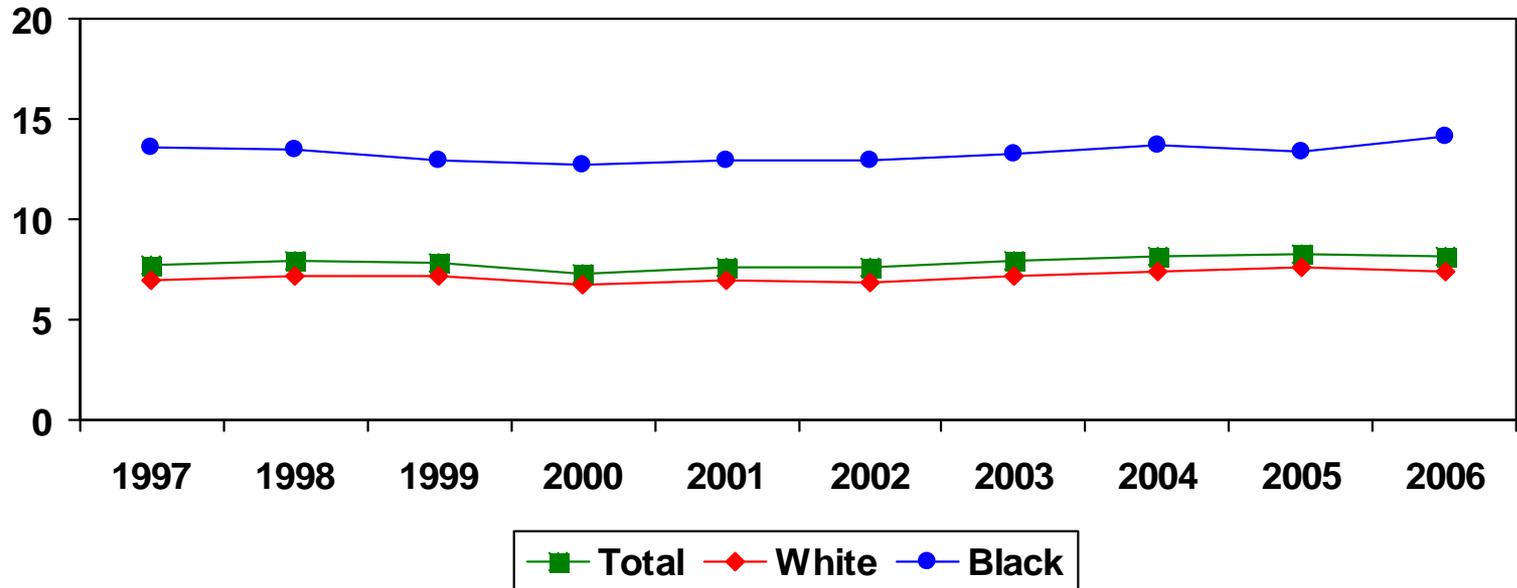
Percent of Live Births to Unmarried Mothers by Race of Mother Indiana Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	32.6	33.6	34.6	34.6	35.6	36.5	37.1	38.8	40.1	41.2
White	27.6	28.4	29.6	29.8	30.9	31.9	32.6	34.4	35.8	36.8
Black	76.0	77.3	77.0	75.9	75.8	76.5	76.3	77.9	77.7	78.2

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Low Birthweight Infants by Race of Mother Indiana Residents, 1997-2006



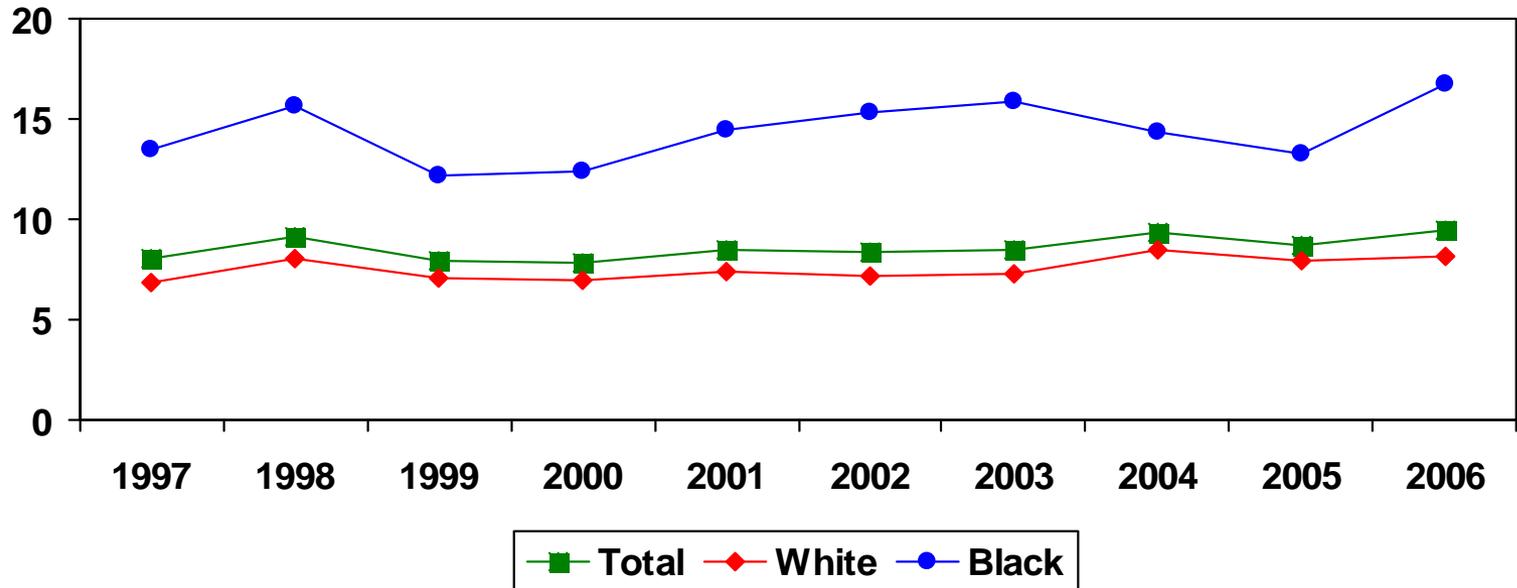
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	7.7	7.9	7.8	7.3	7.6	7.6	7.9	8.1	8.3	8.2
White	7.0	7.2	7.2	6.7	7.0	6.9	7.2	7.4	7.6	7.4
Black	13.6	13.5	12.9	12.7	12.9	12.9	13.3	13.7	13.4	14.1

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Low Birthweight Infants by Race of Mother

Allen County Residents, 1997-2006

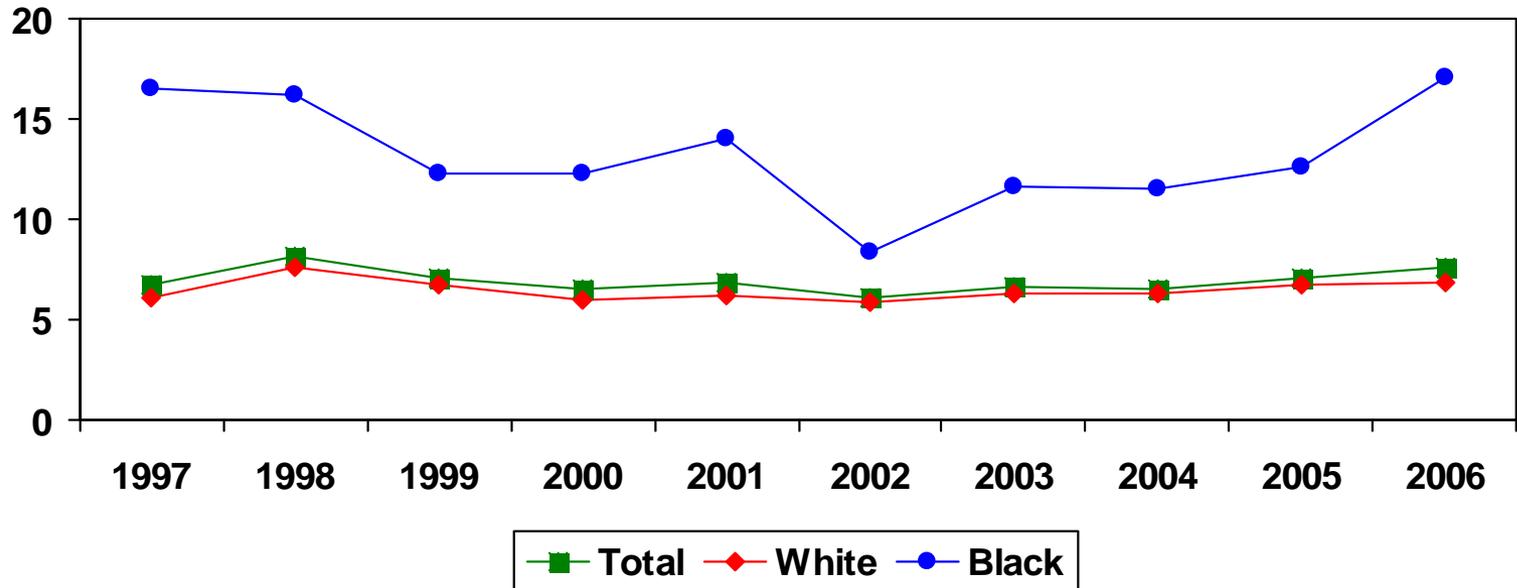


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	8.0	9.1	7.9	7.8	8.5	8.4	8.5	9.4	8.7	9.5
White	6.9	8.0	7.1	7.0	7.4	7.2	7.3	8.5	7.9	8.1
Black	13.5	15.6	12.2	12.4	14.5	15.3	15.9	14.3	13.3	16.7

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Low Birthweight Infants by Race of Mother Elkhart County Residents, 1997-2006



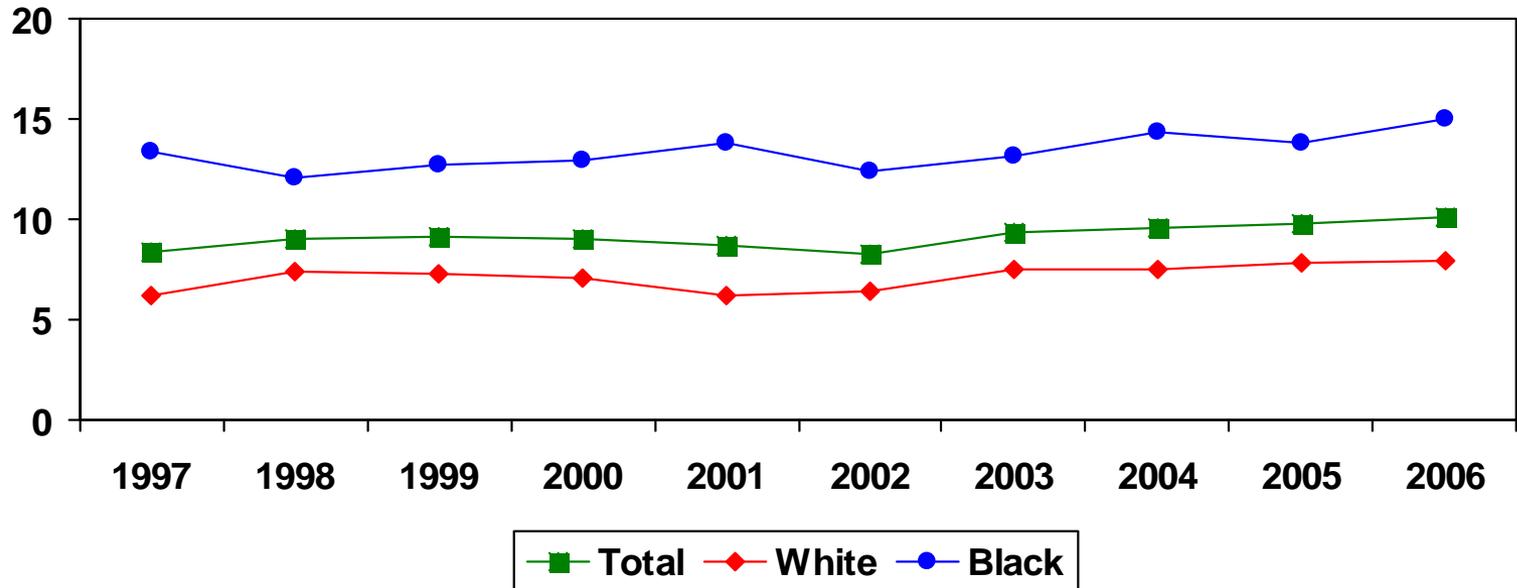
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	6.7	8.2	7.1	6.5	6.8	6.1	6.6	6.5	7.1	7.6
White	6.1	7.6	6.7	6.0	6.2	5.9	6.3	6.3	6.7	6.9
Black	16.5	16.2	12.3	12.3	14.0	8.4*	11.6	11.5	12.6	17.1

*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, 2009

Percent of Low Birthweight Infants by Race of Mother Lake County Residents, 1997-2006



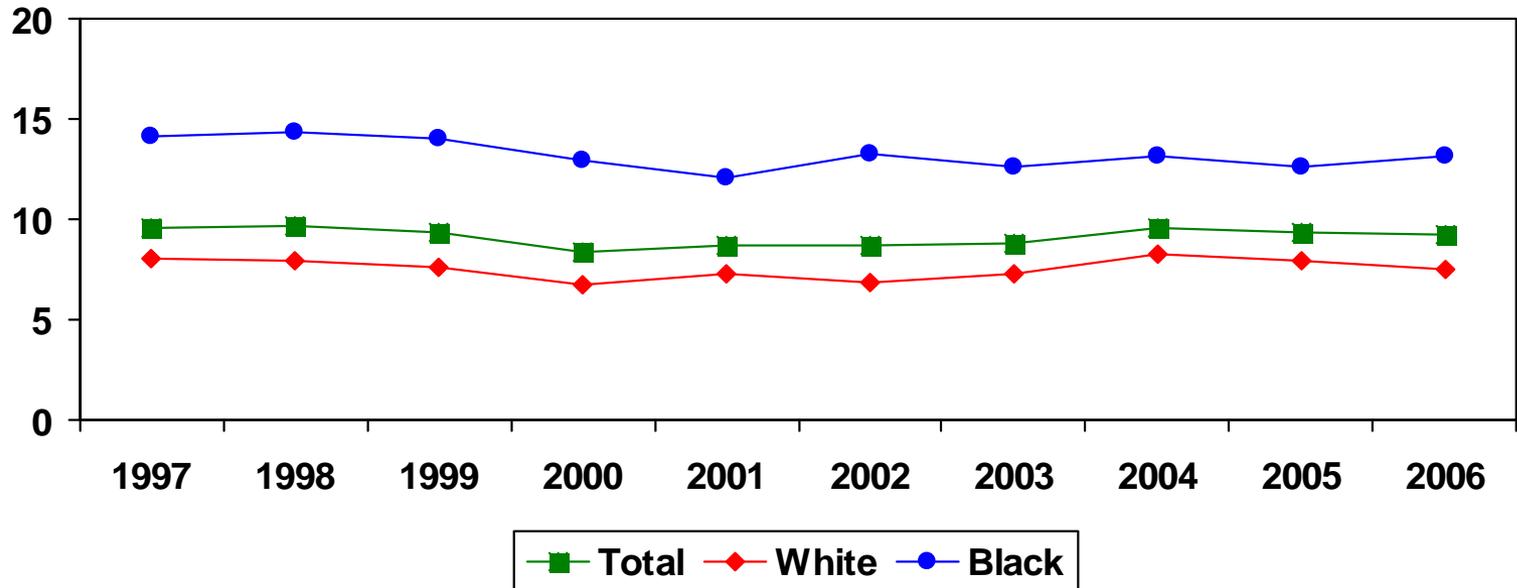
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	8.4	9.0	9.1	9.0	8.7	8.3	9.3	9.6	9.8	10.1
White	6.2	7.4	7.3	7.1	6.2	6.4	7.5	7.5	7.8	7.9
Black	13.4	12.1	12.7	12.9	13.8	12.4	13.1	14.4	13.8	15.0

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Low Birthweight Infants by Race of Mother

Marion County Residents, 1997-2006



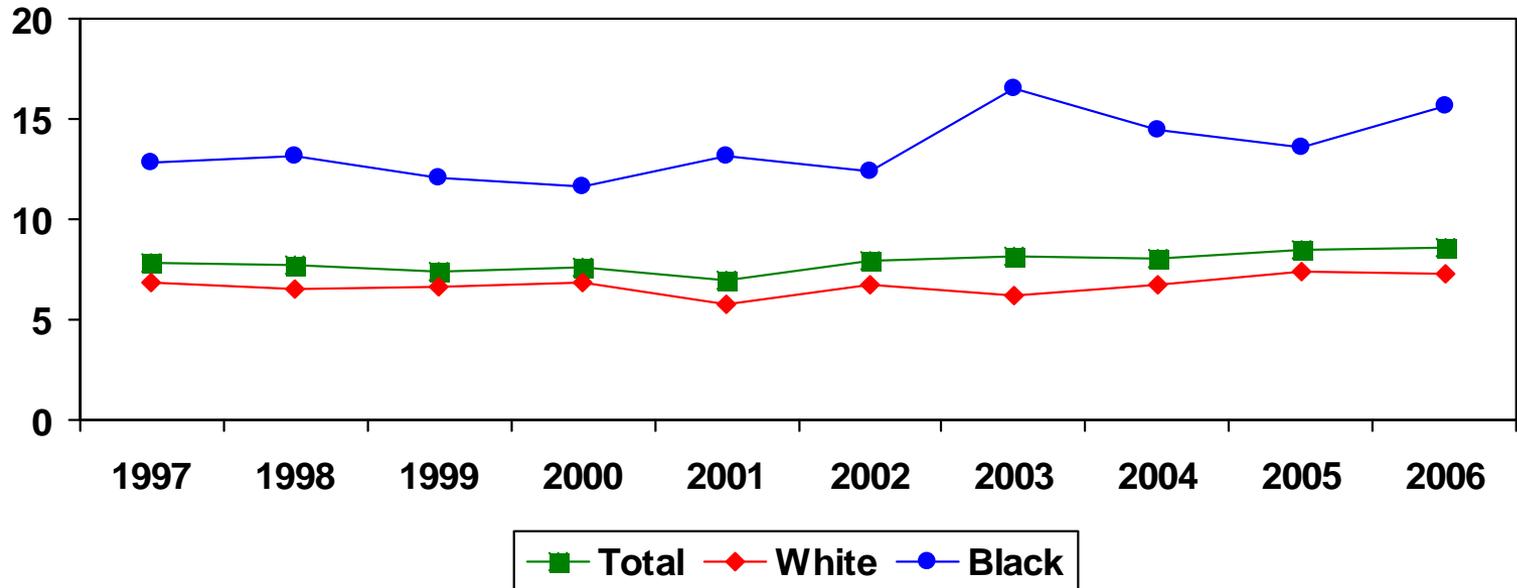
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	9.6	9.7	9.4	8.4	8.7	8.7	8.8	9.6	9.3	9.2
White	8.0	7.9	7.6	6.7	7.3	6.9	7.3	8.3	7.9	7.5
Black	14.1	14.4	14.0	12.9	12.1	13.3	12.6	13.2	12.6	13.1

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Low Birthweight Infants by Race of Mother

St. Joseph County Residents, 1997-2006

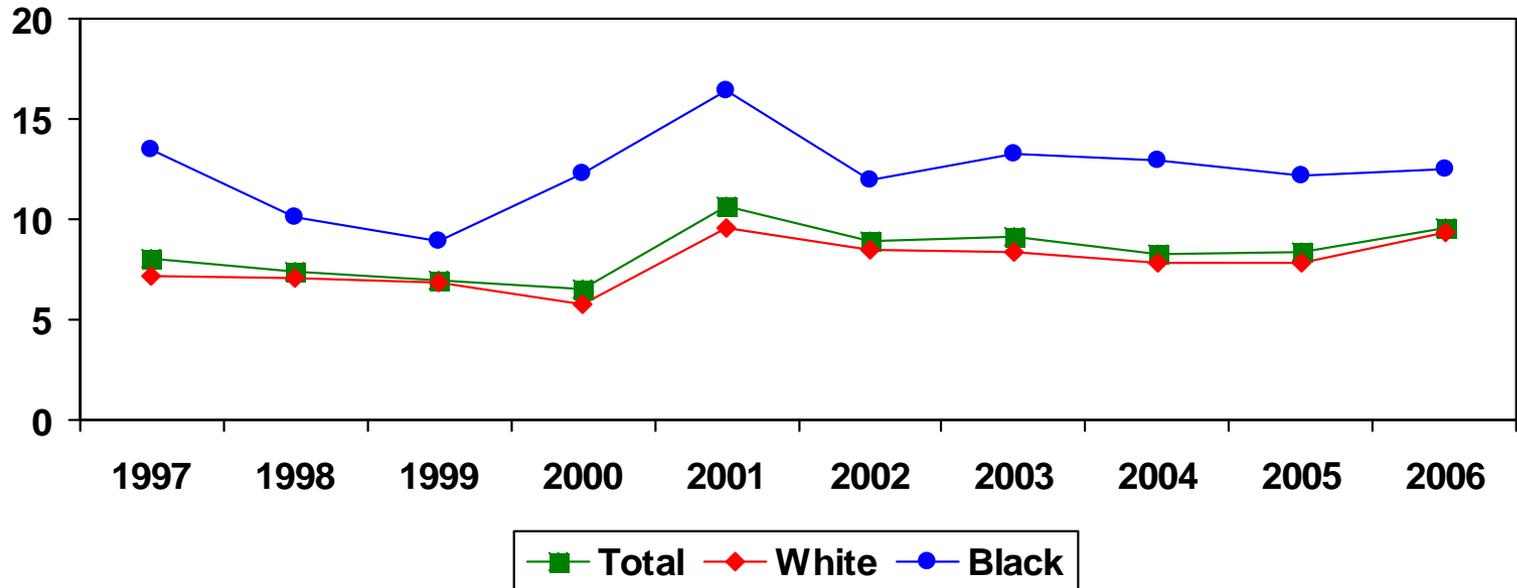


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	7.8	7.7	7.4	7.6	7.0	7.9	8.2	8.0	8.5	8.6
White	6.9	6.5	6.6	6.8	5.8	6.7	6.2	6.7	7.4	7.3
Black	12.8	13.1	12.1	11.6	13.1	12.4	16.5	14.5	13.6	15.6

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 1997-2006

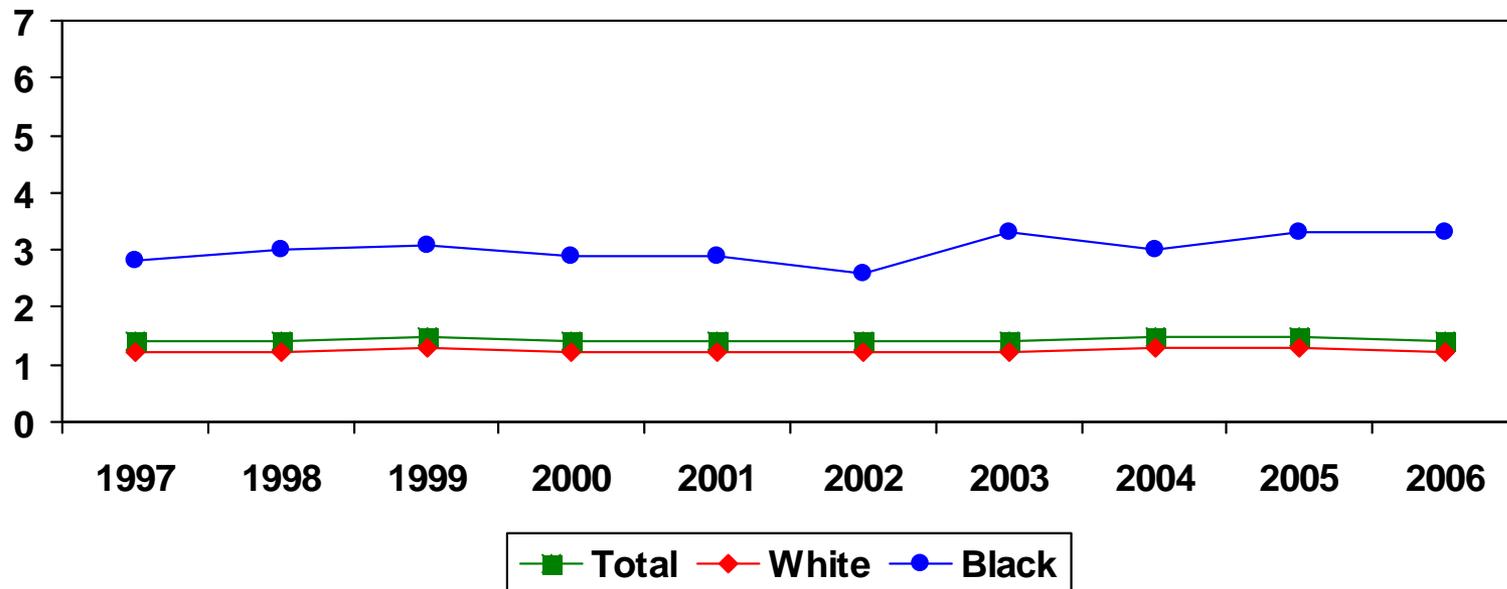


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	8.0	7.4	7.0	6.5	10.6	8.9	9.1	8.3	8.4	9.6
White	7.2	7.1	6.8	5.8	9.6	8.5	8.4	7.8	7.8	9.3
Black	13.5	10.1	8.9	12.3	16.4	12.0	13.3	12.9	12.2	12.5

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Very Low Birthweight Infants by Race of Mother Indiana Residents, 1997-2006



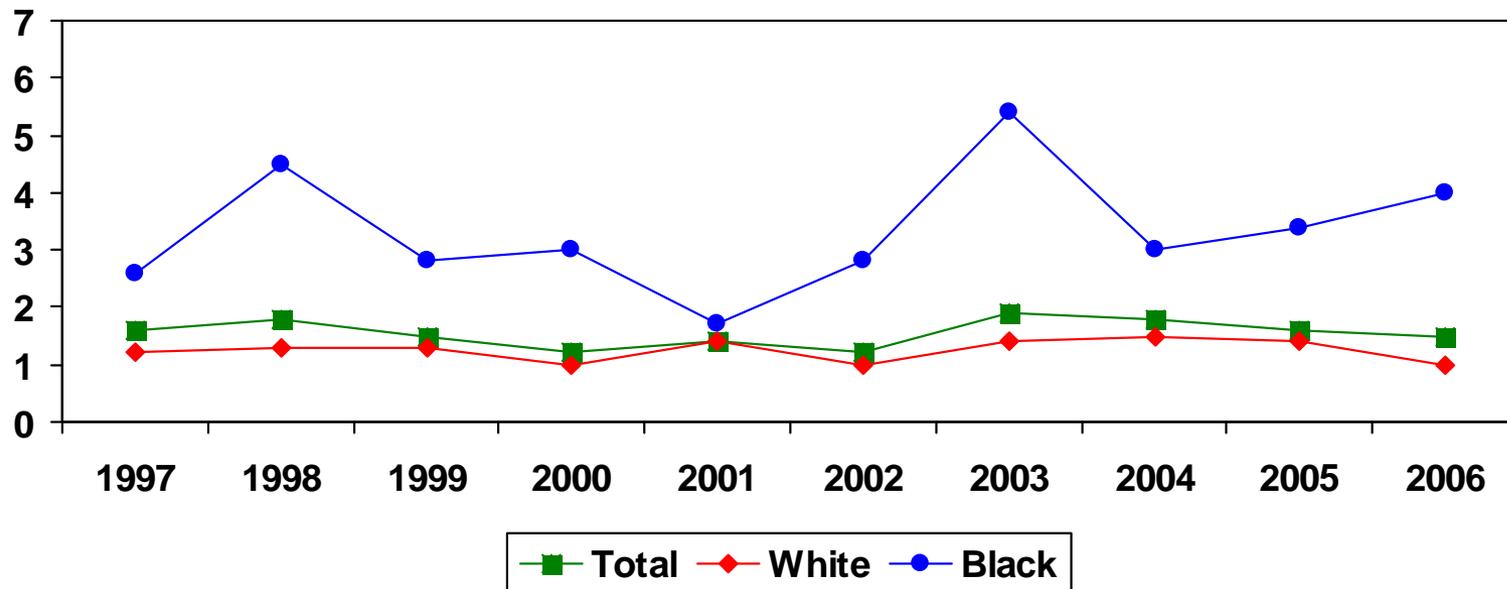
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.4
White	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.2
Black	2.8	3.0	3.1	2.9	2.9	2.6	3.3	3.0	3.3	3.3

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Very Low Birthweight Infants by Race of Mother

Allen County Residents, 1997-2006



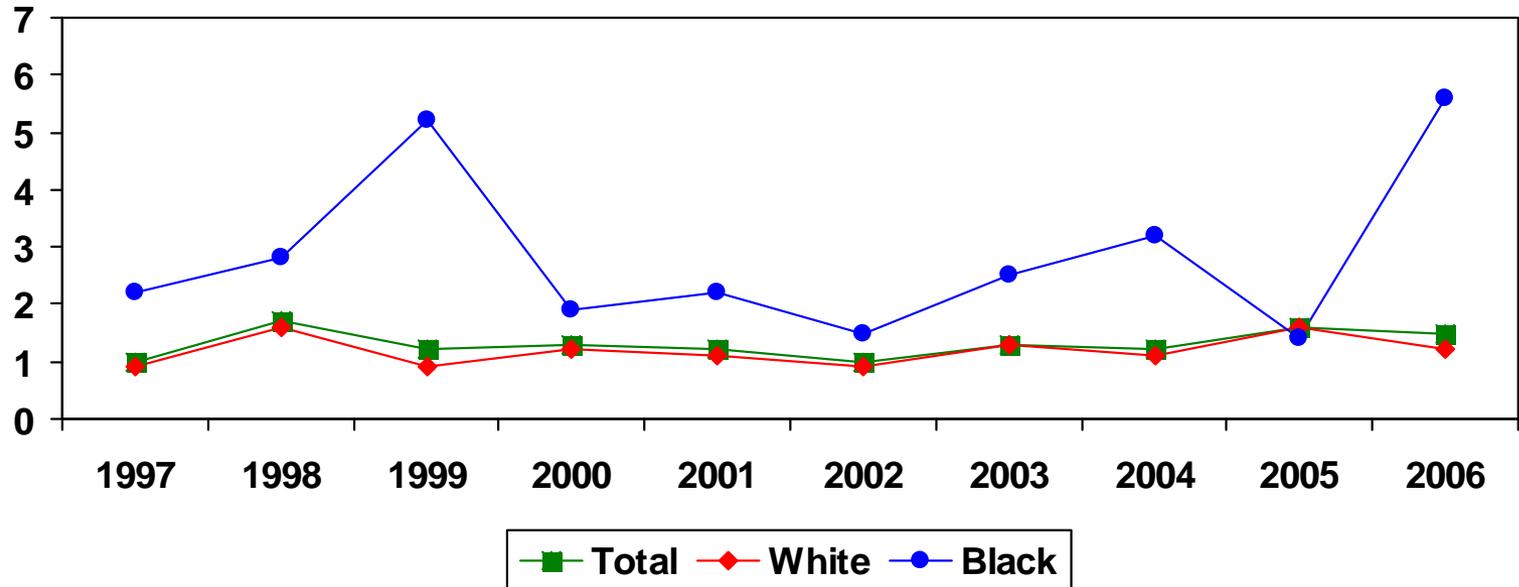
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	1.6	1.8	1.5	1.2	1.4	1.2	1.9	1.8	1.6	1.5
White	1.2	1.3	1.3	1.0	1.4	1.0	1.4	1.5	1.4	1.0
Black	2.6	4.5	2.8	3.0	1.7*	2.8	5.4	3.0	3.4	4.0

*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, 2009

Percent of Very Low Birthweight Infants by Race of Mother Elkhart County Residents, 1997-2006



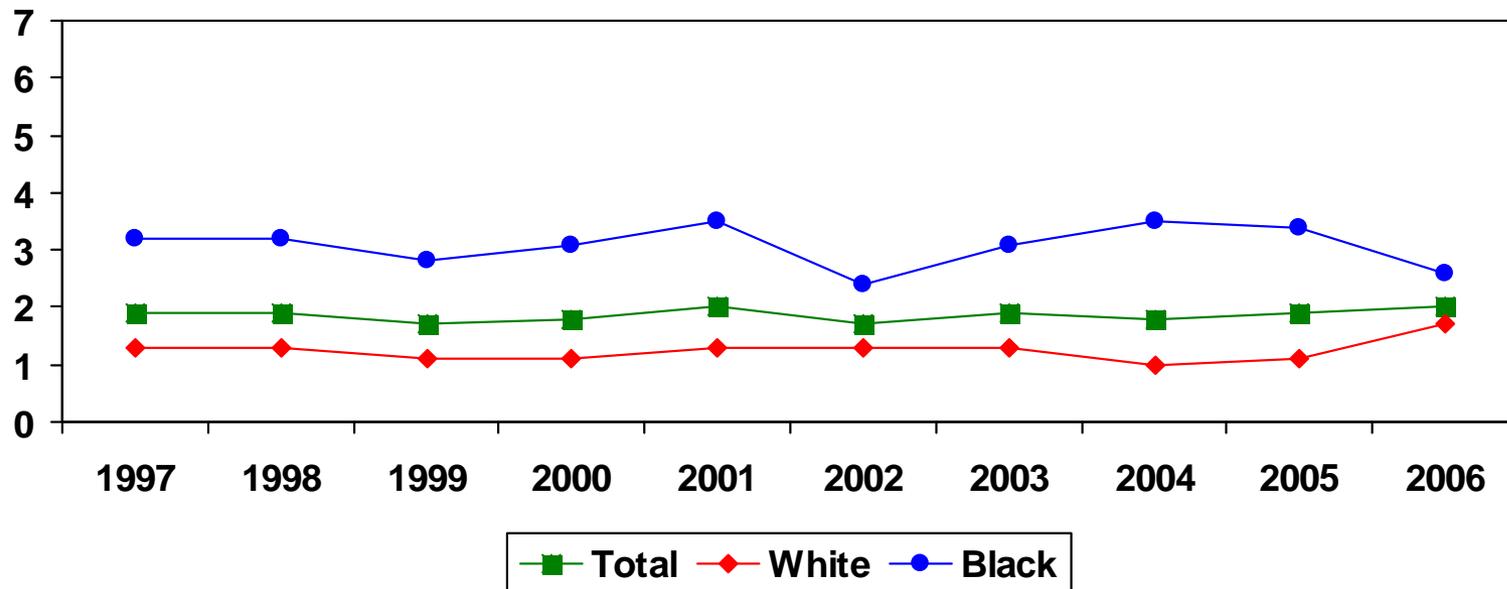
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	1.0	1.7	1.2	1.3	1.2	1.0	1.3	1.2	1.6	1.5
White	0.9	1.6	0.9	1.2	1.1	0.9	1.3	1.1	1.6	1.2
Black	2.2*	2.8*	5.2*	1.9*	2.2*	1.5*	2.5*	3.2*	1.4*	5.6*

*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, 2009

Percent of Very Low Birthweight Infants by Race of Mother Lake County Residents, 1997-2006



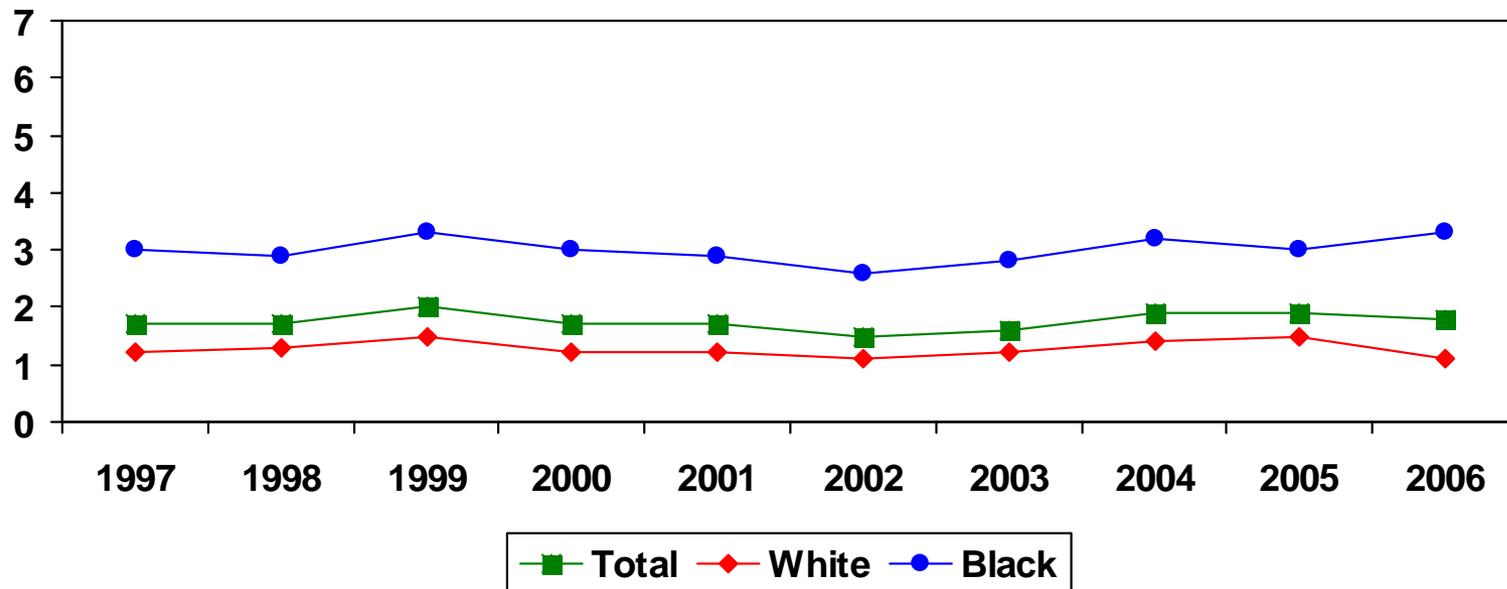
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	1.9	1.9	1.7	1.8	2.0	1.7	1.9	1.8	1.9	2.0
White	1.3	1.3	1.1	1.1	1.3	1.3	1.3	1.0	1.1	1.7
Black	3.2	3.2	2.8	3.1	3.5	2.4	3.1	3.5	3.4	2.6

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Very Low Birthweight Infants by Race of Mother

Marion County Residents, 1997-2006



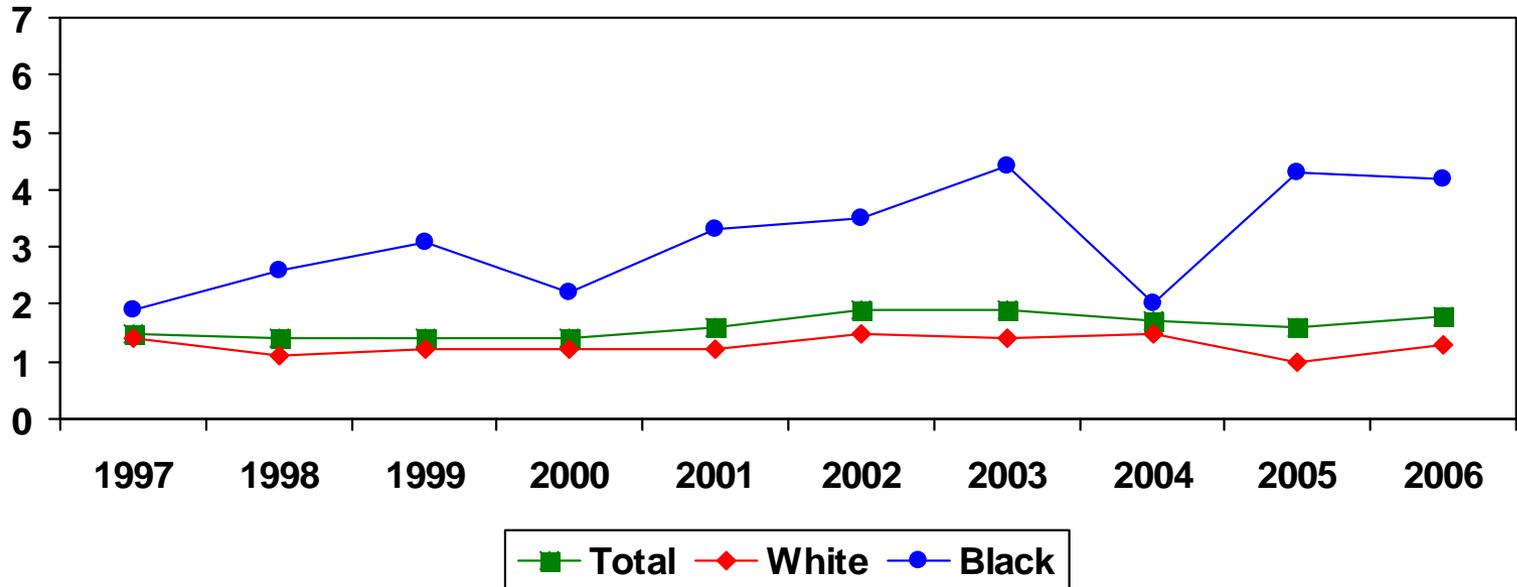
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	1.7	1.7	2.0	1.7	1.7	1.5	1.6	1.9	1.9	1.8
White	1.2	1.3	1.5	1.2	1.2	1.1	1.2	1.4	1.5	1.1
Black	3.0	2.9	3.3	3.0	2.9	2.6	2.8	3.2	3.0	3.3

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Very Low Birthweight Infants by Race of Mother

St. Joseph County Residents, 1997-2006



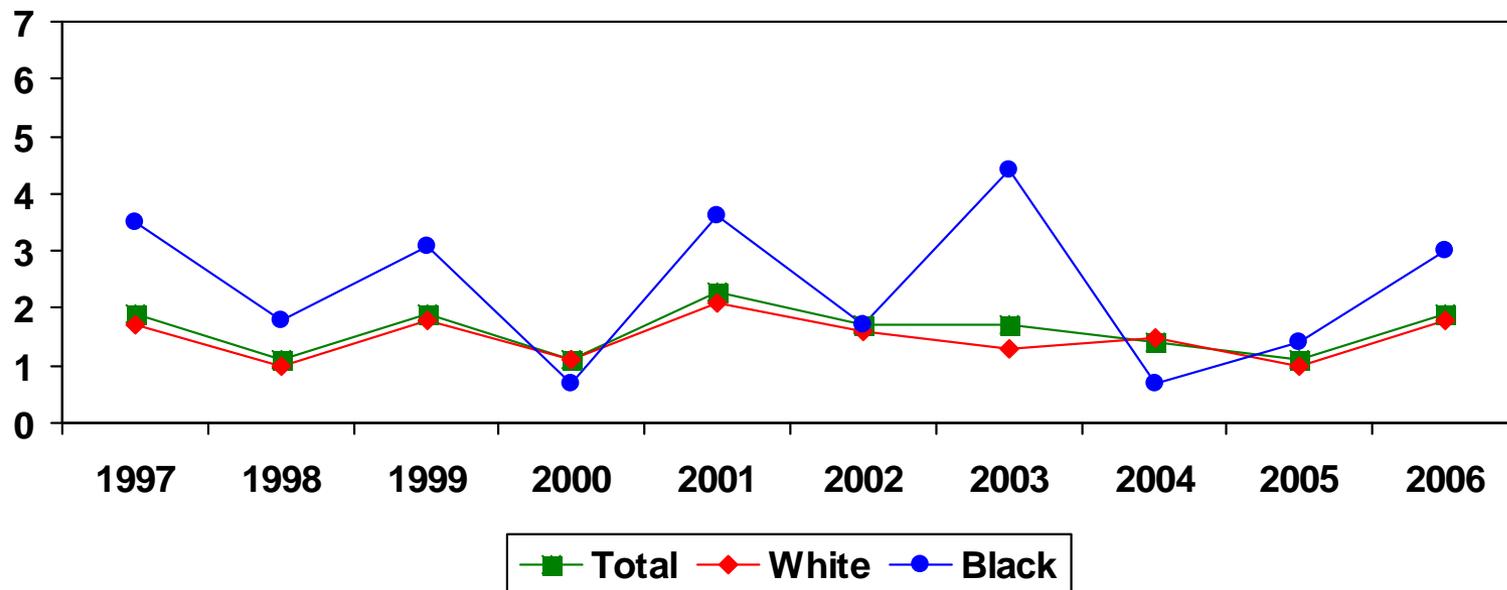
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	1.5	1.4	1.4	1.4	1.6	1.9	1.9	1.7	1.6	1.8
White	1.4	1.1	1.2	1.2	1.2	1.5	1.4	1.5	1.0	1.3
Black	1.9*	2.6*	3.1*	2.2*	3.3	3.5	4.4	2.0*	4.3	4.2

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

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Very Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 1997-2006



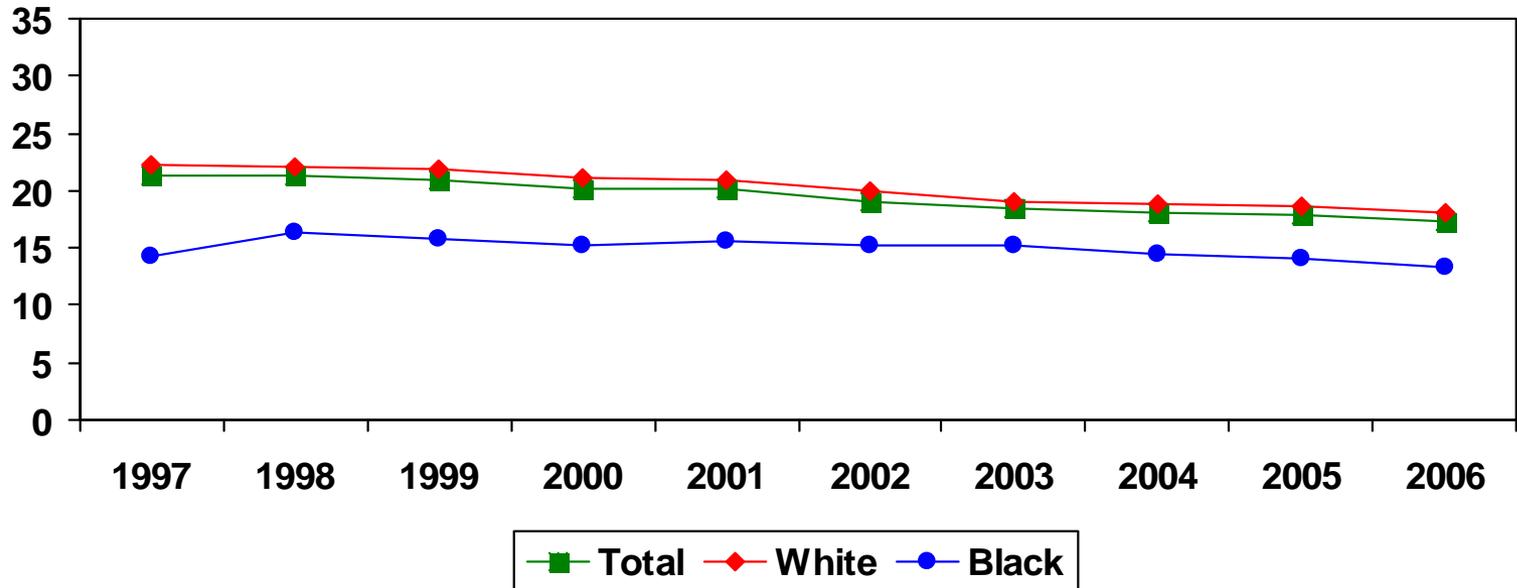
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	1.9	1.1	1.9	1.1	2.3	1.7	1.7	1.4	1.1	1.9
White	1.7	1.0*	1.8	1.1	2.1	1.6	1.3	1.5	1.0	1.8
Black	3.5*	1.8*	3.1*	0.7*	3.6*	1.7*	4.4*	0.7*	1.4*	3.0*

*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, 2009

Percent of Births to Mothers Who Smoked During Pregnancy by Race Indiana Residents, 1997-2006

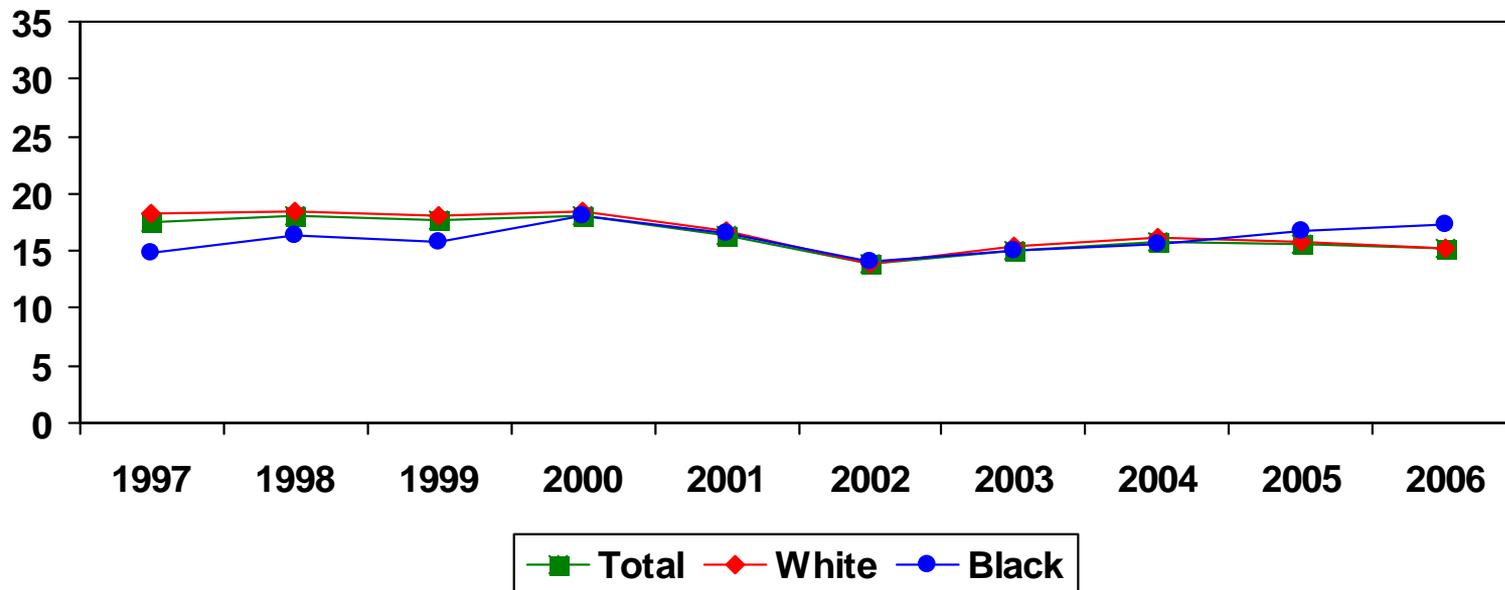


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	21.3	21.3	20.9	20.2	20.2	19.1	18.5	18.0	17.9	17.3
White	22.3	22.1	21.8	21.1	21.0	19.9	19.1	18.8	18.7	18.1
Black	14.3	16.3	15.8	15.2	15.6	15.2	15.2	14.4	14.0	13.3

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

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

Allen County Residents, 1997-2006

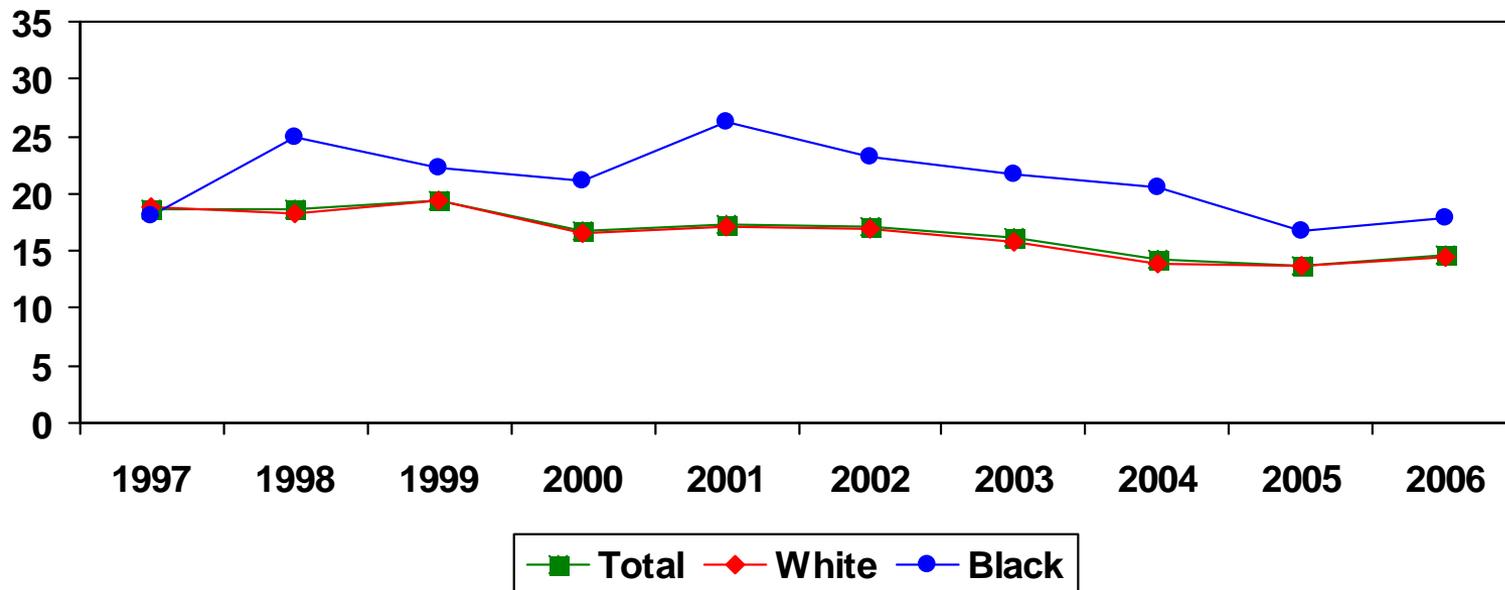


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	17.5	18.0	17.6	18.1	16.4	13.8	15.1	15.7	15.6	15.3
White	18.3	18.5	18.1	18.5	16.7	13.9	15.5	16.2	15.8	15.3
Black	14.9	16.4	15.7	18.0	16.5	14.0	15.1	15.6	16.7	17.4

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

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

Elkhart County Residents, 1997-2006

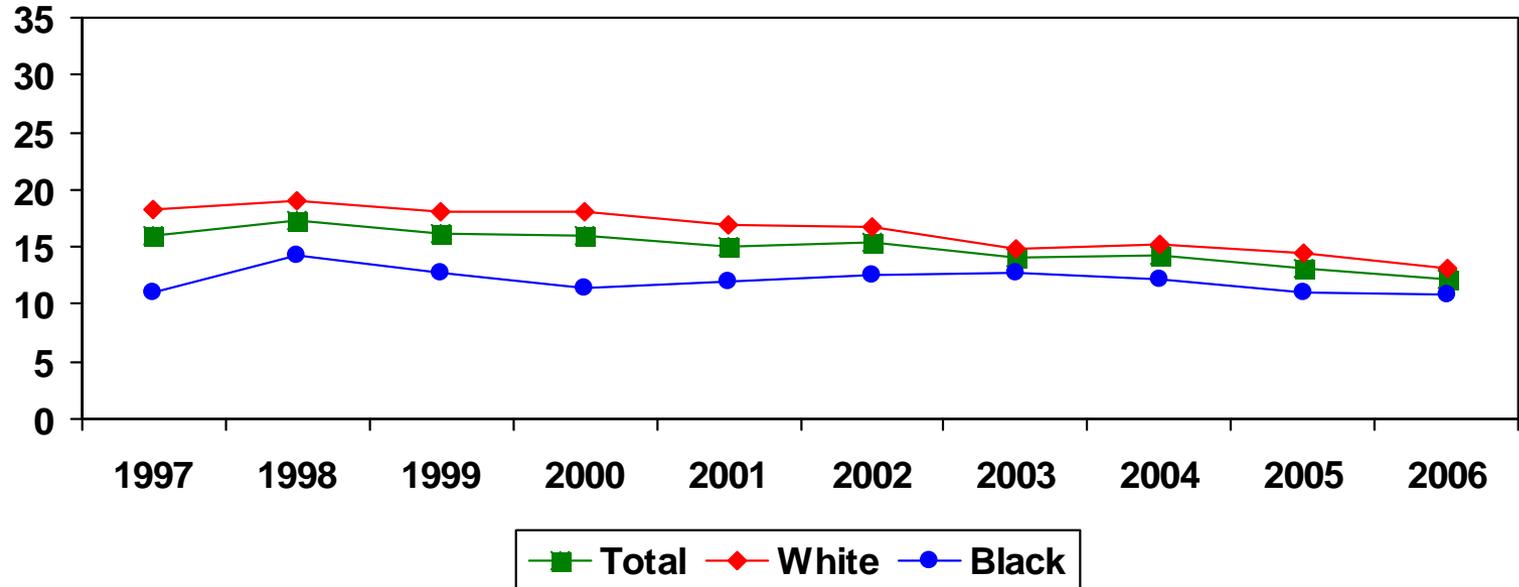


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	18.6	18.6	19.4	16.7	17.4	17.2	16.1	14.2	13.7	14.6
White	18.9	18.3	19.4	16.6	17.2	16.9	15.8	13.9	13.7	14.4
Black	18.1	25.0	22.3	21.2	26.3	23.3	21.7	20.6	16.8	17.9

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

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

Lake County Residents, 1997-2006

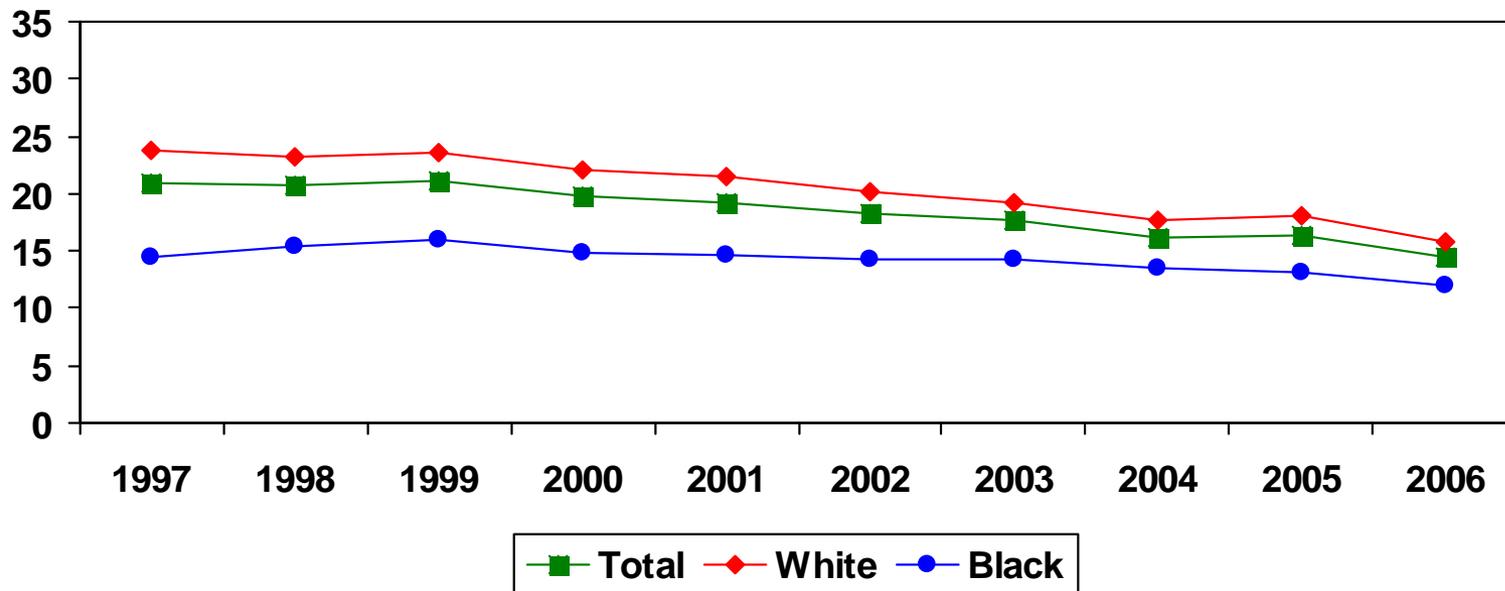


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	15.9	17.3	16.2	15.9	15.1	15.4	14.1	14.2	13.2	12.2
White	18.2	19.0	18.1	18.1	16.9	16.8	14.9	15.3	14.4	13.1
Black	11.0	14.3	12.7	11.5	12.0	12.6	12.7	12.2	11.0	10.9

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

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

Marion County Residents, 1997-2006

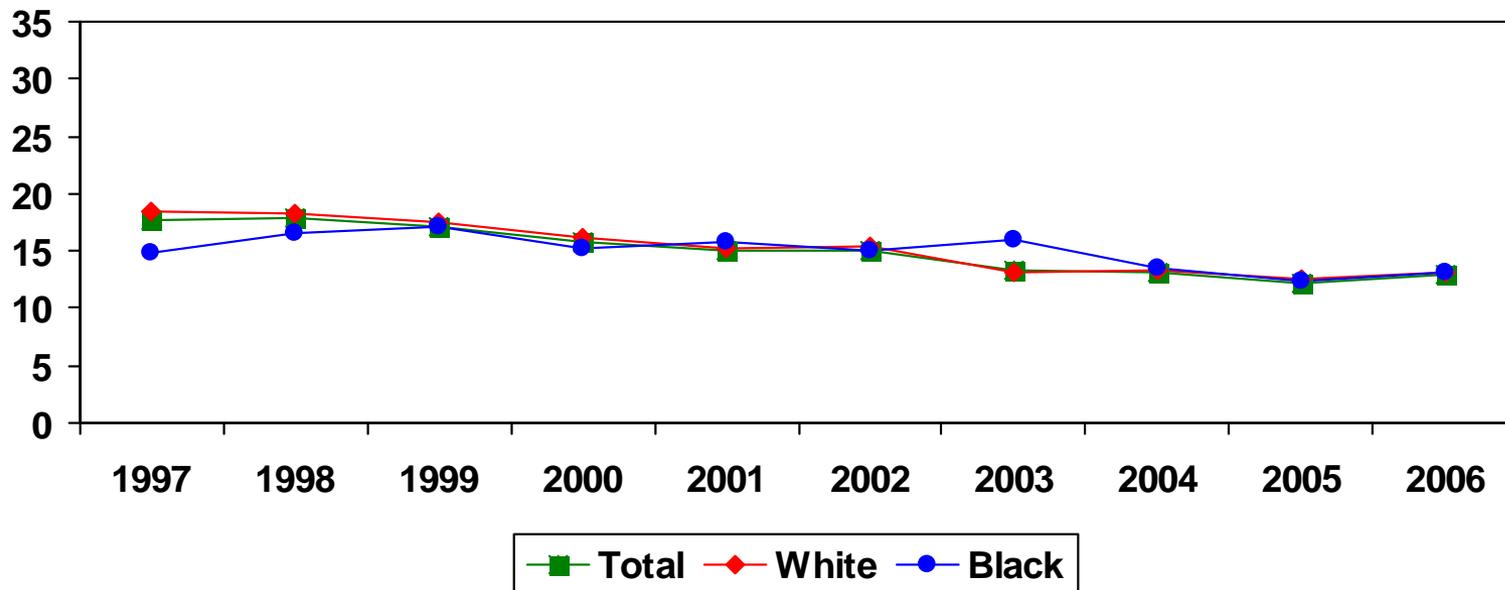


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	21.0	20.8	21.1	19.8	19.3	18.2	17.6	16.2	16.4	14.4
White	23.7	23.2	23.5	22.0	21.4	20.1	19.2	17.7	18.0	15.7
Black	14.5	15.5	16.0	14.8	14.7	14.2	14.3	13.6	13.2	12.0

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

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

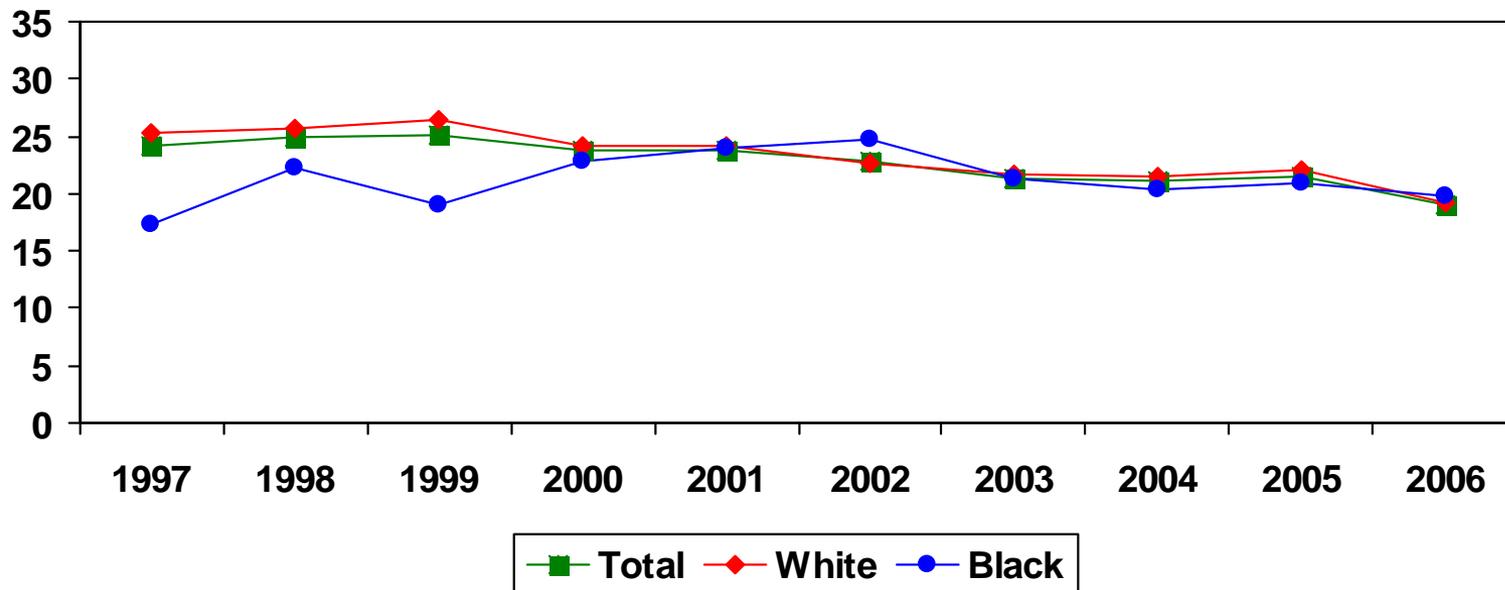
St. Joseph County Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	17.7	17.8	17.1	15.8	15.1	15.0	13.4	13.2	12.2	13.0
White	18.4	18.2	17.5	16.1	15.3	15.4	13.1	13.4	12.5	13.1
Black	14.8	16.5	17.2	15.3	15.7	15.1	15.9	13.5	12.4	13.2

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

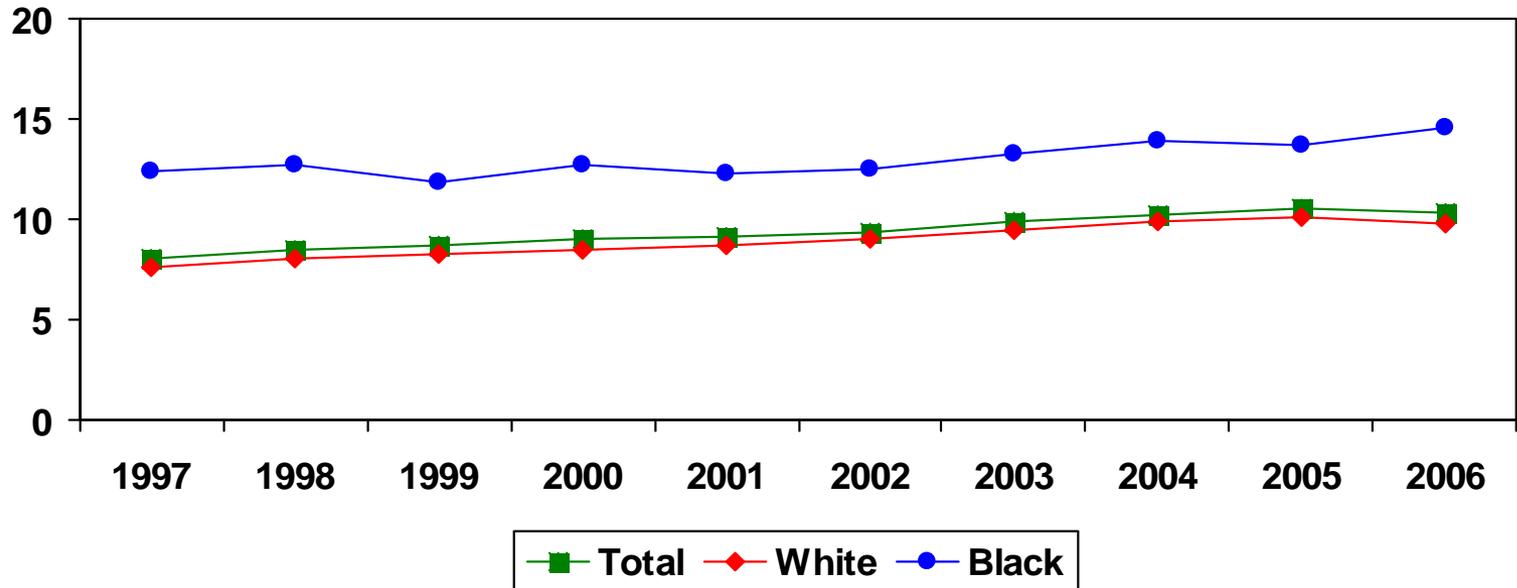
Percent of Births to Mothers Who Smoked During Pregnancy, by Race Vanderburgh County Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	24.1	24.9	25.2	23.7	23.7	22.8	21.3	21.1	21.5	19.0
White	25.3	25.6	26.4	24.1	24.1	22.7	21.6	21.5	22.0	19.2
Black	17.3	22.3	19.0	22.9	23.9	24.7	21.3	20.3	21.0	19.8

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Preterm Births by Race of Mother Indiana Residents, 1997-2006

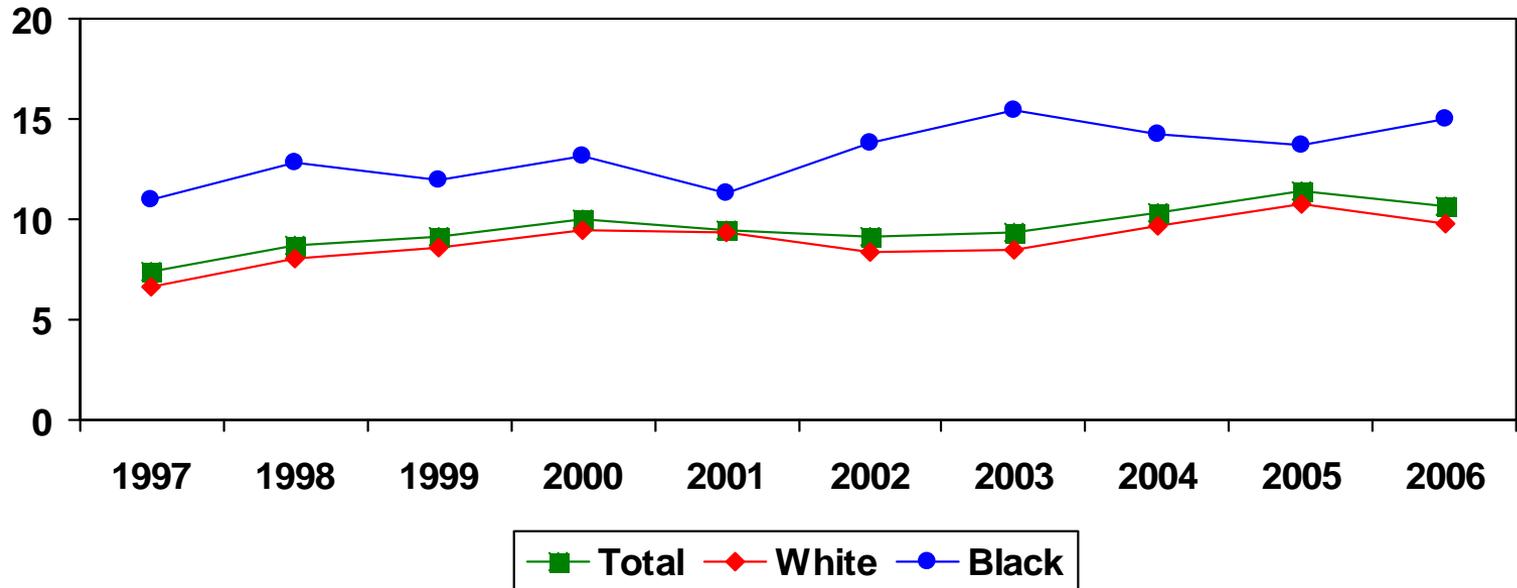


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	8.0	8.5	8.7	9.0	9.1	9.4	9.9	10.2	10.5	10.3
White	7.6	8.0	8.3	8.5	8.7	9.0	9.5	9.9	10.1	9.8
Black	12.4	12.7	11.8	12.7	12.3	12.5	13.3	13.9	13.7	14.6

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, 2009

Percent of Preterm Births by Race of Mother Allen County Residents, 1997-2006

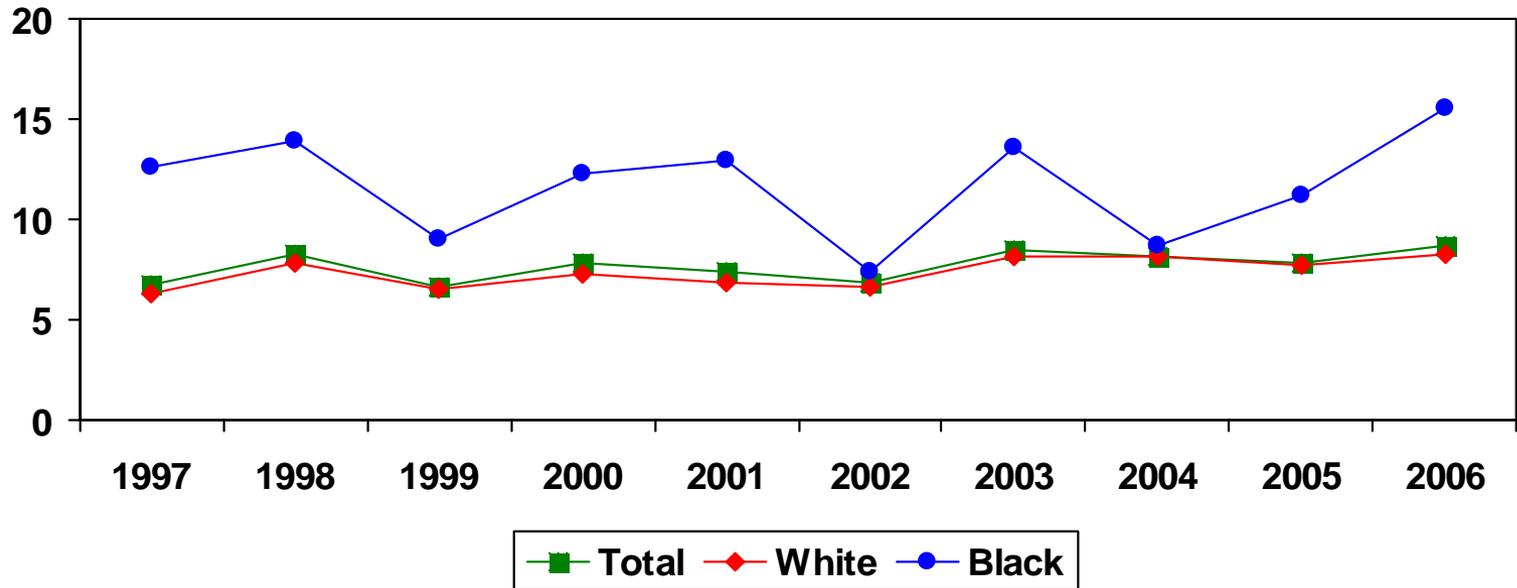


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	7.4	8.7	9.1	10.0	9.5	9.1	9.4	10.3	11.4	10.6
White	6.6	8.0	8.6	9.5	9.3	8.4	8.5	9.7	10.8	9.8
Black	11.0	12.8	12.0	13.1	11.3	13.8	15.4	14.2	13.7	15.0

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, 2009

Percent of Preterm Births by Race of Mother Elkhart County Residents, 1997-2006



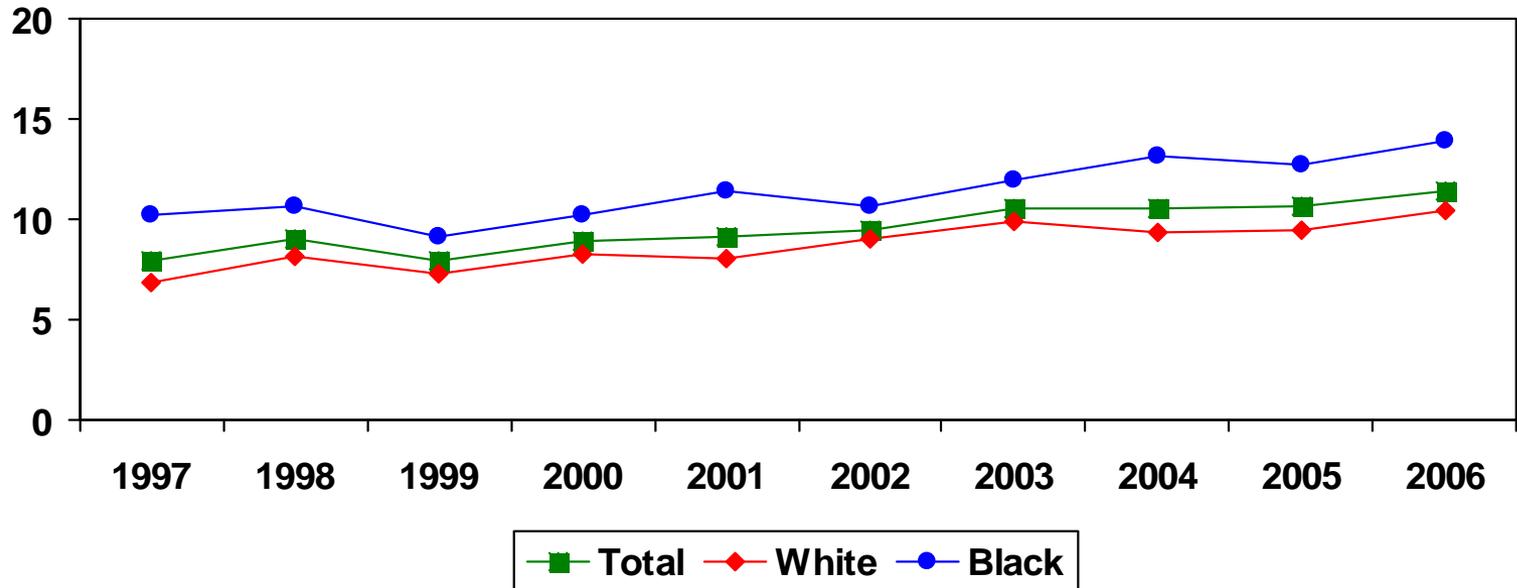
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	6.7	8.3	6.6	7.8	7.4	6.8	8.5	8.1	7.8	8.7
White	6.3	7.8	6.5	7.3	6.8	6.6	8.2	8.1	7.7	8.3
Black	12.6	13.9	9.0*	12.3	12.9	7.4*	13.6	8.7*	11.2	15.5

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

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, 2009

Percent of Preterm Births by Race of Mother Lake County Residents, 1997-2006



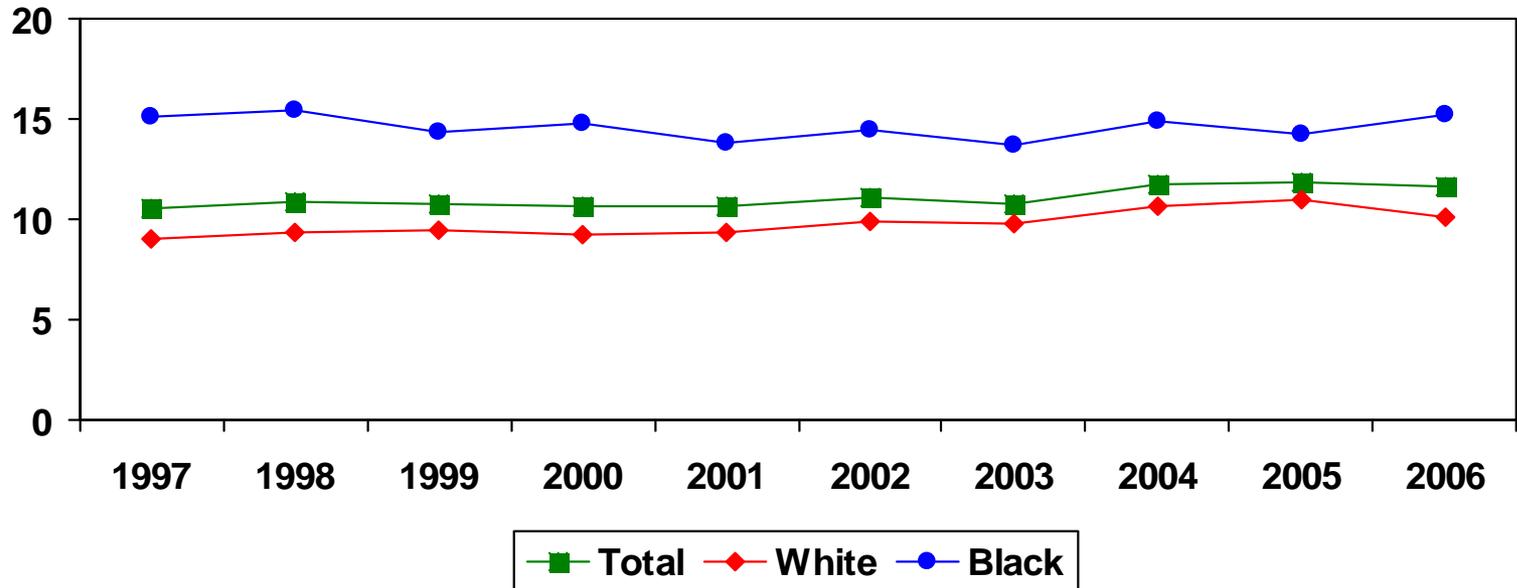
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	7.9	9.0	7.9	8.9	9.1	9.5	10.5	10.5	10.6	11.4
White	6.9	8.1	7.3	8.3	8.0	9.0	9.9	9.4	9.5	10.4
Black	10.2	10.7	9.1	10.2	11.4	10.6	12.0	13.1	12.7	13.9

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, 2009

Percent of Preterm Births by Race of Mother

Marion County Residents, 1997-2006

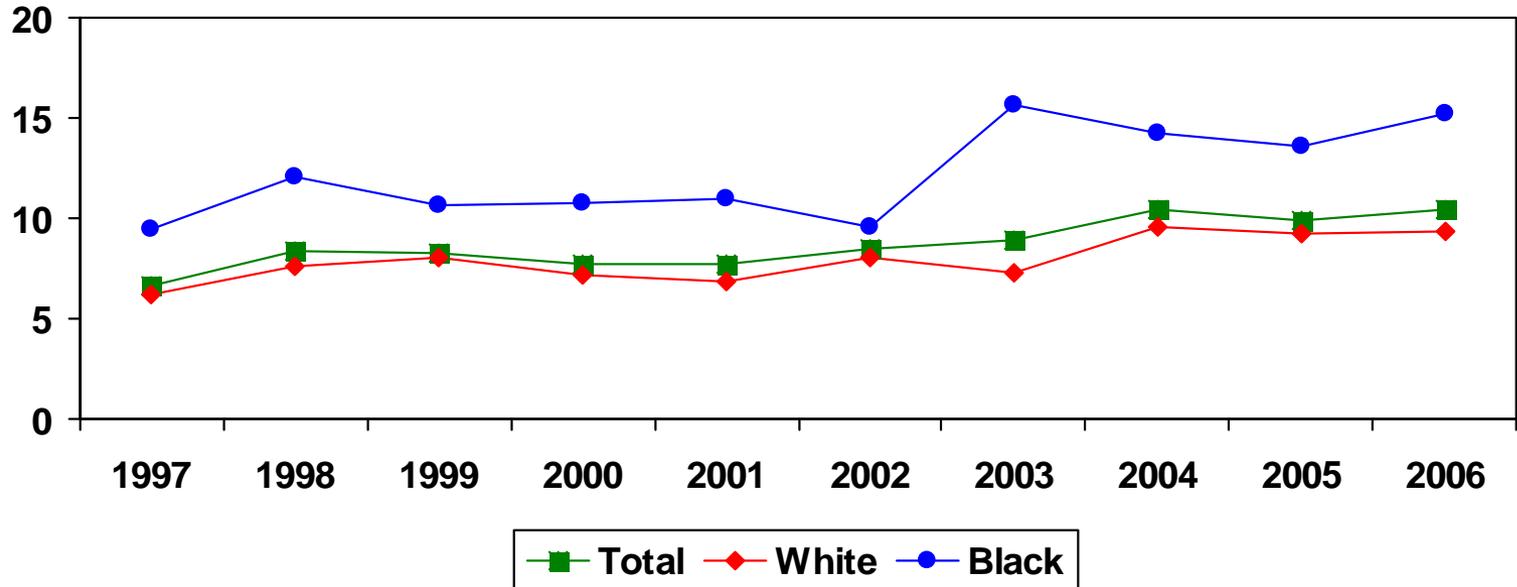


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	10.5	10.9	10.8	10.7	10.6	11.1	10.8	11.7	11.9	11.6
White	9.0	9.3	9.5	9.2	9.4	9.9	9.8	10.7	11.0	10.1
Black	15.1	15.4	14.3	14.8	13.8	14.5	13.7	14.9	14.2	15.2

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, 2009

Percent of Preterm Births by Race of Mother St. Joseph County Residents, 1997-2006



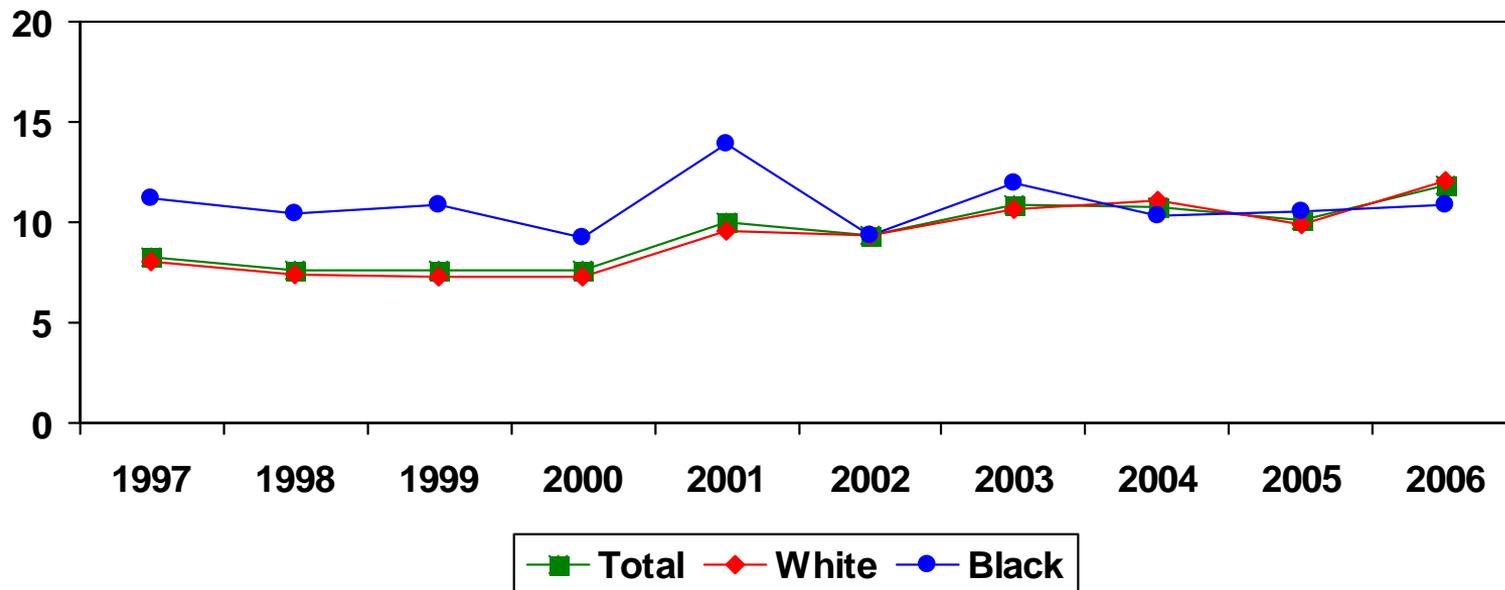
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	6.6	8.4	8.3	7.7	7.7	8.5	8.9	10.4	9.9	10.4
White	6.2	7.6	8.0	7.2	6.9	8.0	7.3	9.6	9.2	9.4
Black	9.5	12.1	10.7	10.8	11.0	9.6	15.6	14.2	13.6	15.2

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, 2009

Percent of Preterm Births by Race of Mother

Vanderburgh County Residents, 1997-2006



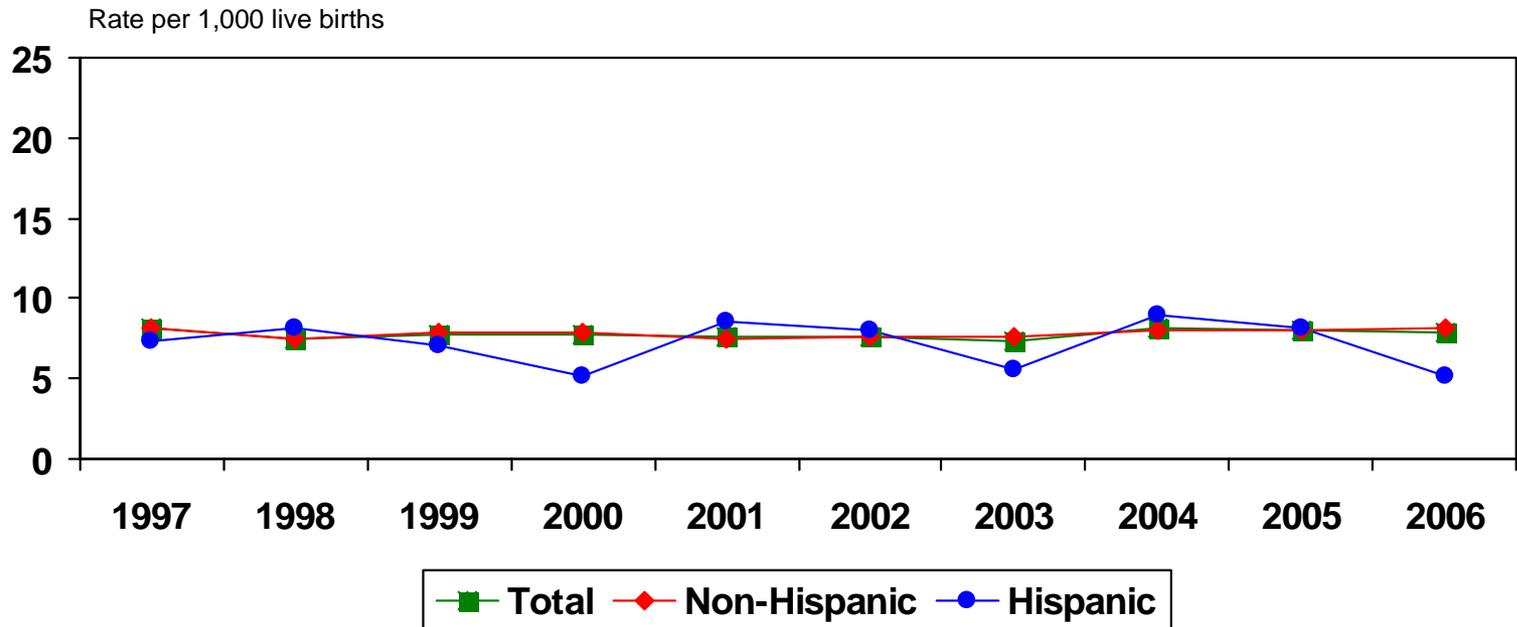
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	8.3	7.6	7.6	7.6	10.0	9.4	10.9	10.8	10.1	11.8
White	8.0	7.4	7.3	7.3	9.6	9.4	10.6	11.1	9.9	12.1
Black	11.2	10.4	10.9	9.2	13.9	9.3	12.0	10.3	10.5	10.9

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, 2009

Infant Mortality Rates by Ethnicity

Indiana Residents, 1997-2006

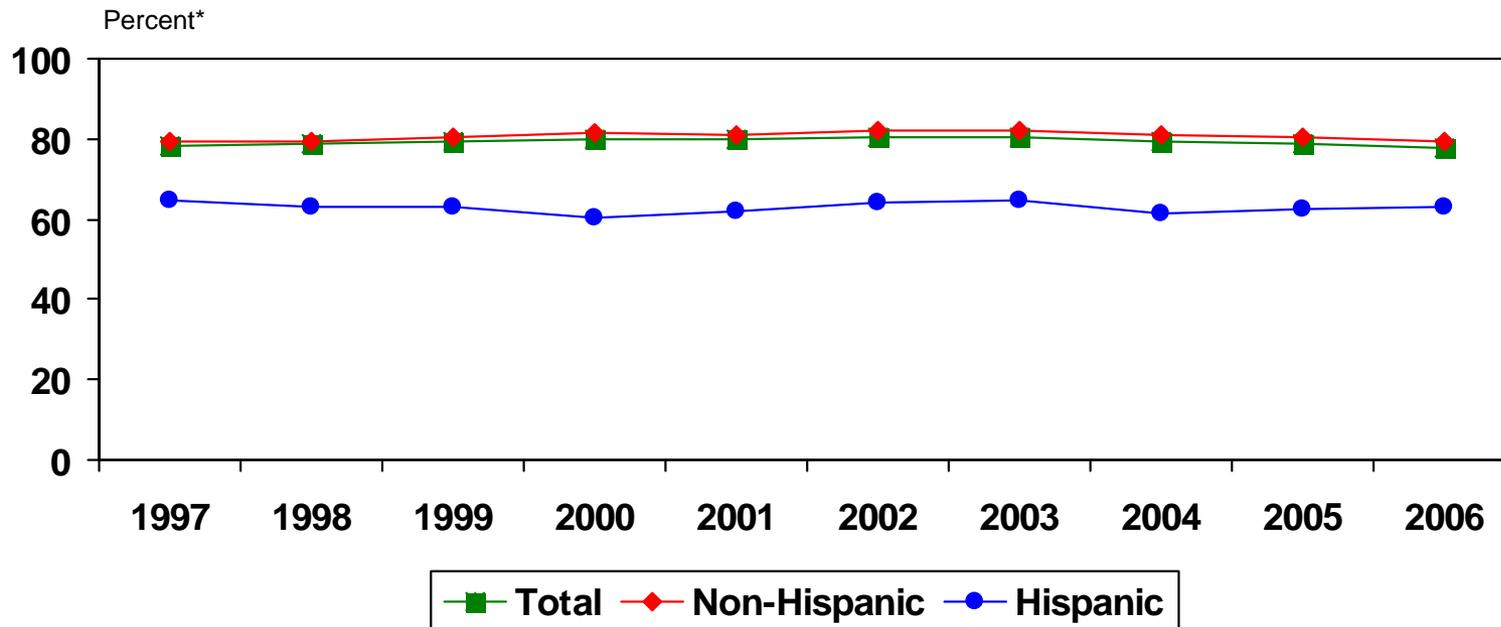


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	8.1	7.5	7.8	7.7	7.6	7.6	7.4	8.1	8.0	7.9
Non-Hispanic	8.1	7.5	7.9	7.9	7.5	7.6	7.6	8.0	8.0	8.1
Hispanic	7.4	8.2	7.1	5.2	8.5	8.0	5.6	9.0	8.1	5.2

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester by Ethnicity Indiana Residents, 1997-2006



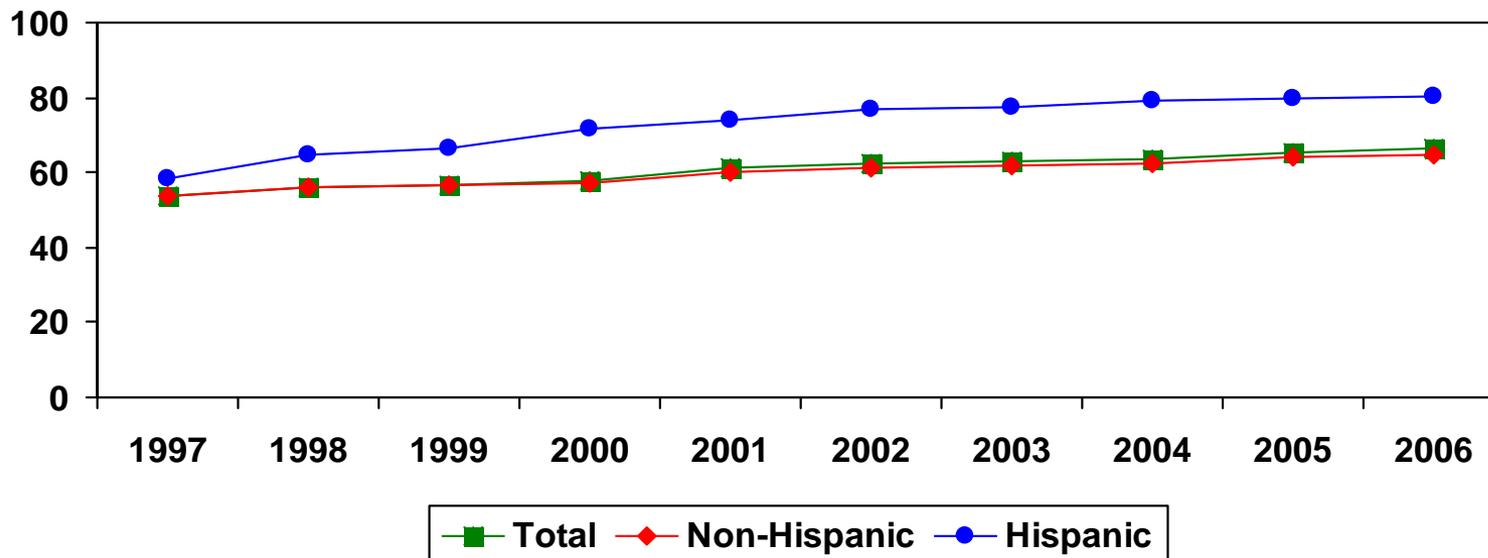
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	78.5	78.7	79.5	80.0	79.8	80.5	80.6	79.3	78.9	77.6
Non-Hispanic	79.1	79.4	80.4	81.3	81.1	81.9	82.0	80.9	80.6	79.1
Hispanic	64.7	63.1	62.9	60.2	61.9	63.9	64.6	61.2	62.5	62.8

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

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Ethnicity Indiana Residents, 1997-2006

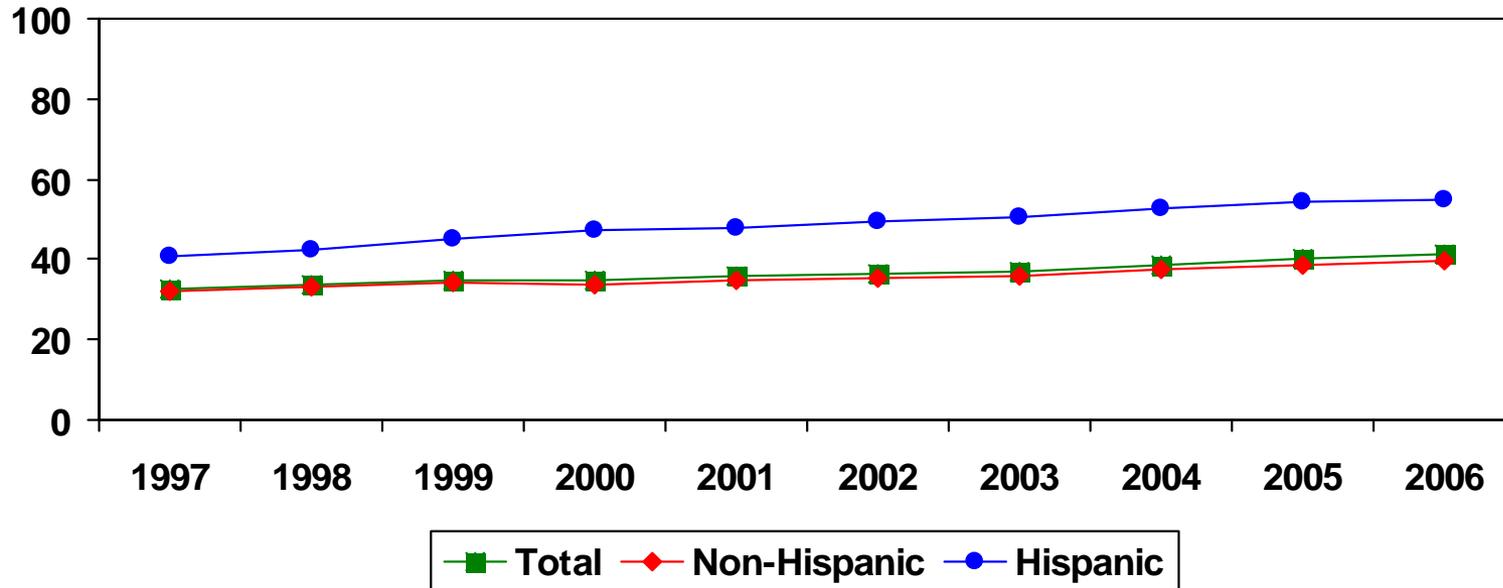


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	53.8	55.9	56.8	58.0	61.1	62.4	63.2	63.8	65.3	66.5
Non-Hispanic	53.9	56.1	56.5	57.2	60.2	61.4	62.1	62.4	63.9	65.0
Hispanic	58.6	64.7	66.7	71.6	74.2	76.6	77.7	79.1	79.8	80.4

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Live Births to Unmarried Mothers by Ethnicity of Mother Indiana Residents, 1997-2006

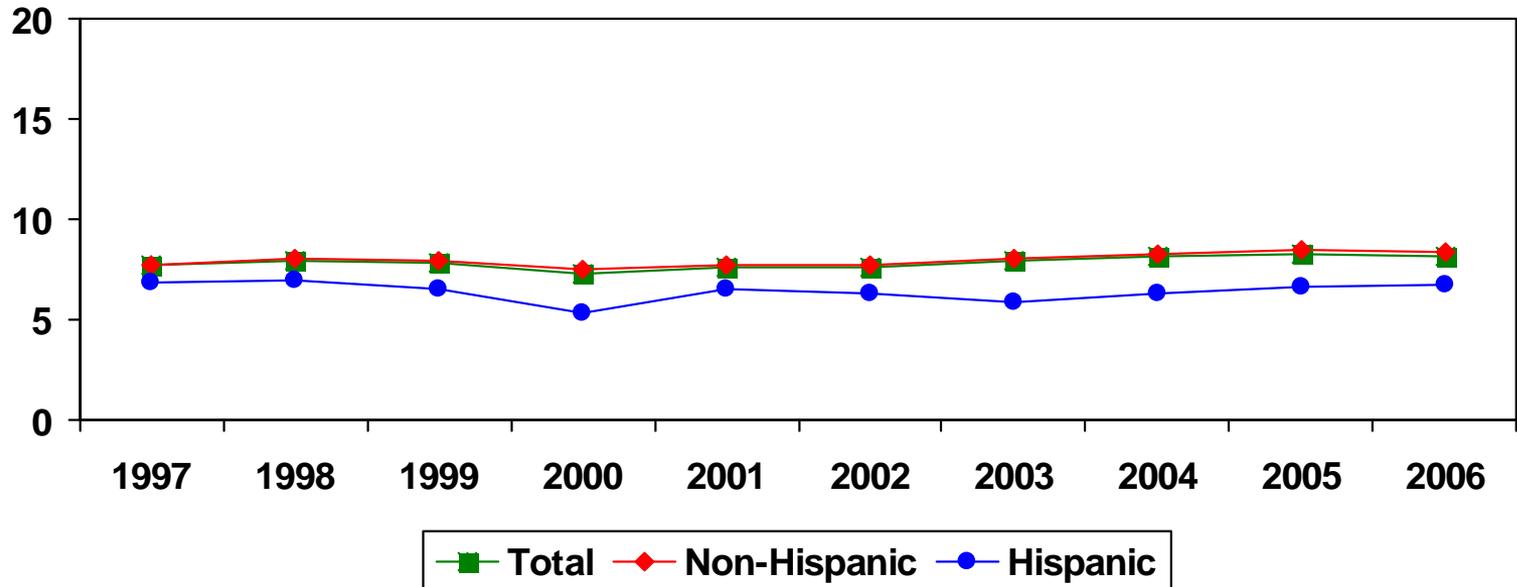


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	32.6	33.6	34.6	34.6	35.6	36.5	37.1	38.8	40.1	41.2
Non-Hispanic	32.3	33.3	34.1	33.7	34.7	35.5	35.9	37.5	38.7	39.8
Hispanic	40.5	42.2	45.2	47.5	47.9	49.7	50.3	52.8	54.5	54.9

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 1997-2006



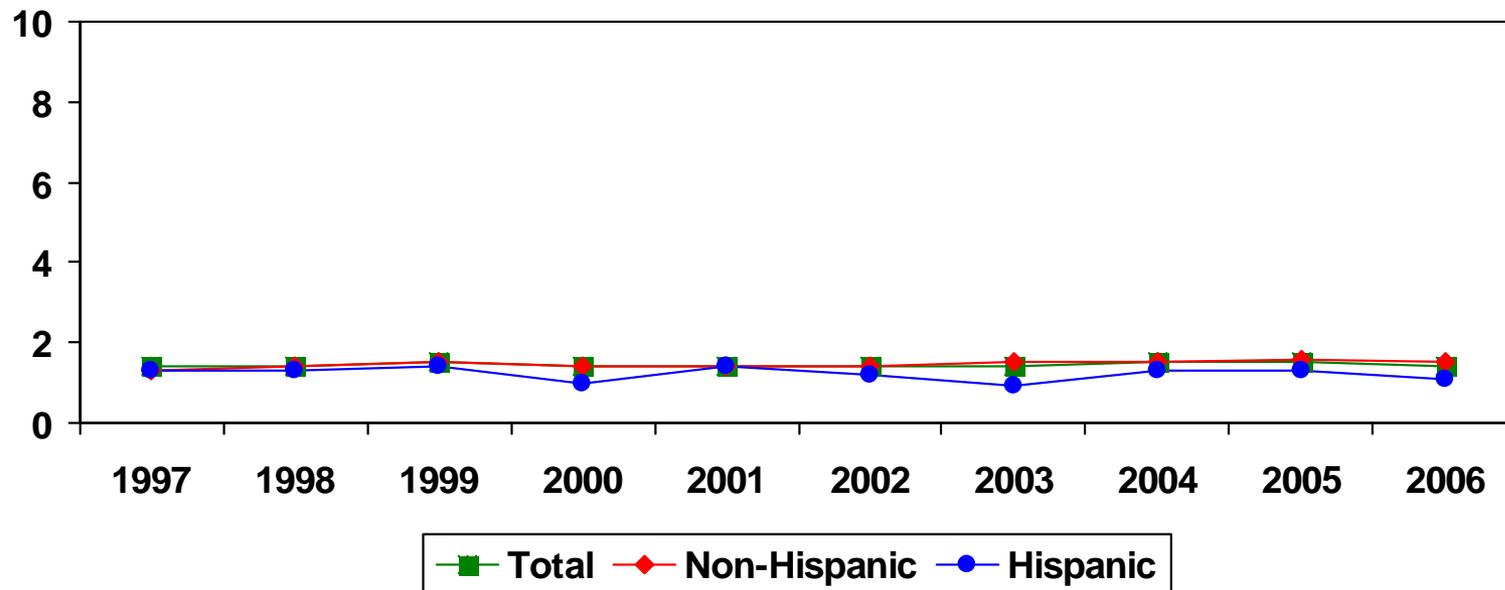
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	7.7	7.9	7.8	7.3	7.6	7.6	7.9	8.1	8.3	8.2
Non-Hispanic	7.7	8.0	7.9	7.5	7.7	7.7	8.0	8.3	8.5	8.4
Hispanic	6.9	7.0	6.5	5.3	6.5	6.3	5.9	6.3	6.6	6.7

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, 2009

Percent of Very Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.4
Non-Hispanic	1.3	1.4	1.5	1.4	1.4	1.4	1.5	1.5	1.6	1.5
Hispanic	1.3	1.3	1.4	1.0	1.4	1.2	0.9	1.3	1.3	1.1

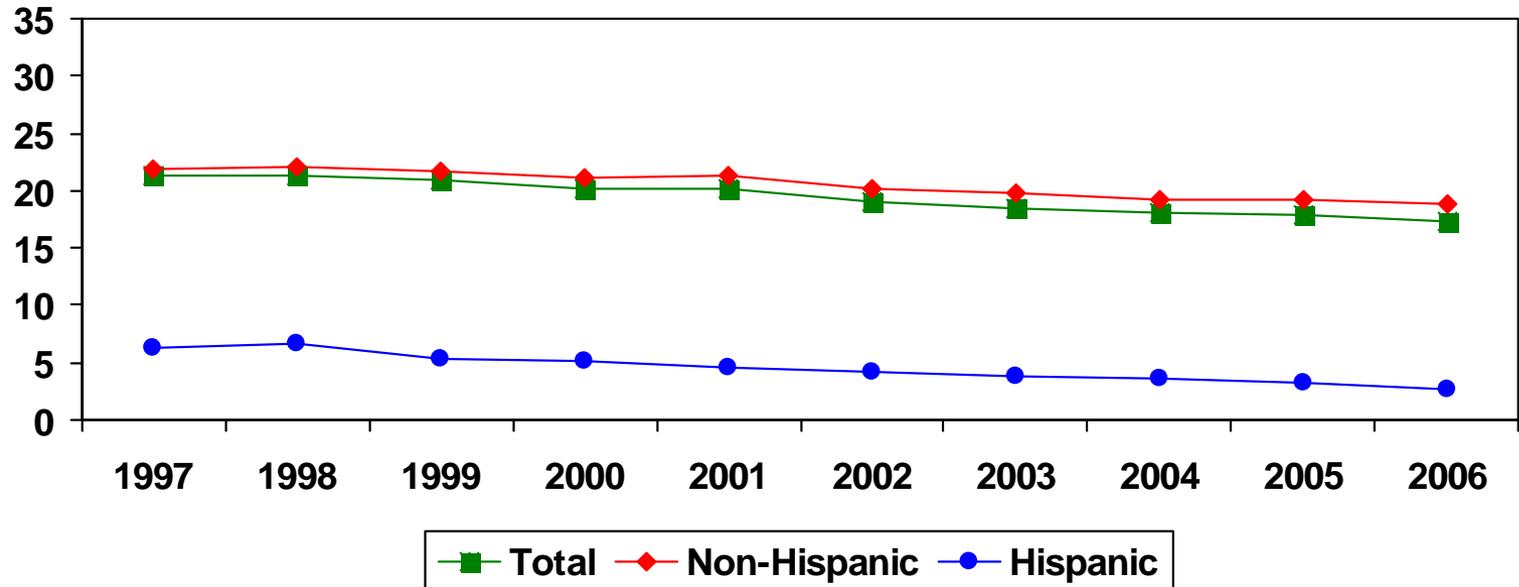
Notes: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Births to Mothers Who Smoked During Pregnancy by Ethnicity

Indiana Residents, 1997-2006

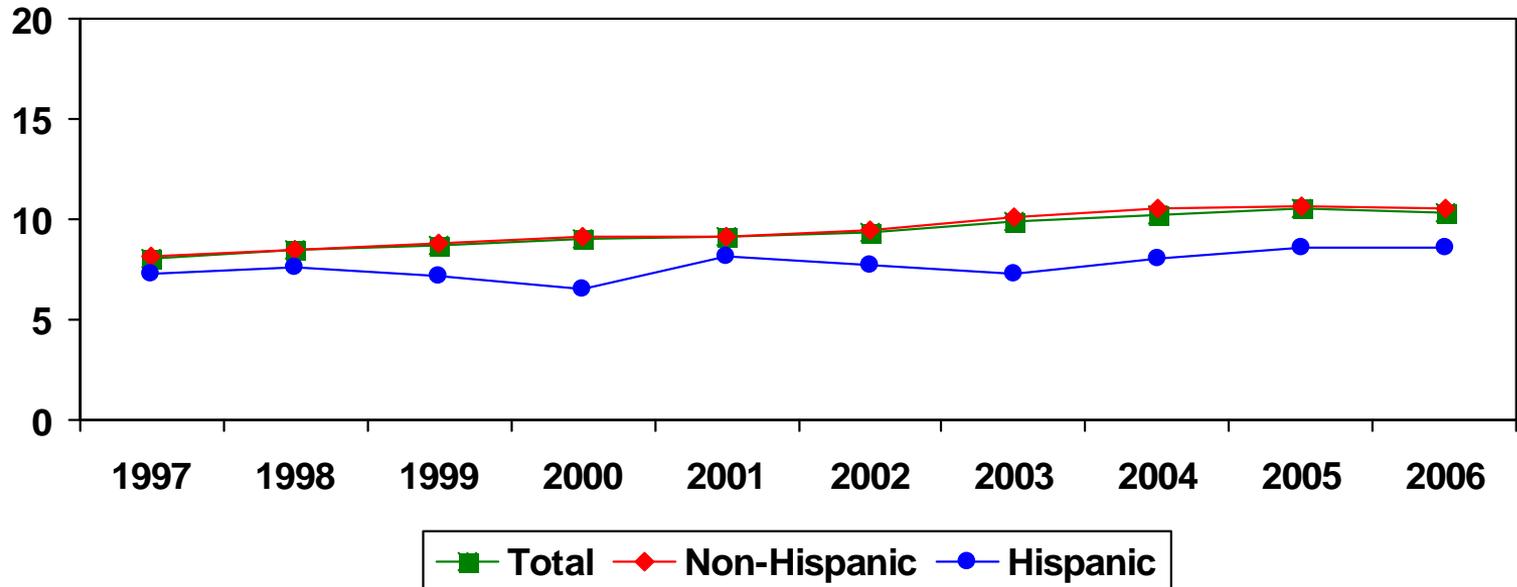


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	21.3	21.3	20.9	20.2	20.2	19.1	18.5	18.0	17.9	17.3
Non-Hispanic	21.9	22.0	21.7	21.2	21.3	20.2	19.7	19.3	19.3	18.8
Hispanic	6.3	6.6	5.3	5.1	4.5	4.2	3.8	3.6	3.3	2.7

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Percent of Preterm Births by Ethnicity of Mother Indiana Residents, 1997-2006



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	8.0	8.5	8.7	9.0	9.1	9.4	9.9	10.2	10.5	10.3
Non-Hispanic	8.1	8.5	8.8	9.1	9.1	9.5	10.1	10.5	10.7	10.5
Hispanic	7.3	7.6	7.2	6.5	8.1	7.7	7.3	8.0	8.6	8.6

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, 2009

**Live Births by County of Residence
Indiana Residents, 1997-2006
Total Population**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	97-2006 Avg.
INDIANA	83,385	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	89,404	86,259
Adams	546	639	537	584	581	615	641	607	641	654	605
Allen	5,021	5,075	5,079	5,213	5,371	5,161	5,211	5,329	5,295	5,492	5,225
Bartholomew	994	1,063	1,076	1,073	999	960	1,004	1,047	1,081	1,096	1,039
Benton	150	123	125	125	107	115	118	135	118	110	123
Blackford	177	190	199	146	179	154	163	151	141	148	165
Boone	582	578	614	627	624	645	699	652	694	676	639
Brown	119	145	170	146	158	145	157	115	90	97	134
Carroll	254	264	261	227	216	241	237	250	207	214	237
Cass	568	569	575	592	574	542	548	570	572	567	568
Clark	1,245	1,295	1,323	1,348	1,311	1,273	1,315	1,315	1,393	1,513	1,333
Clay	336	342	343	314	349	373	358	337	325	368	345
Clinton	451	495	497	548	521	503	510	494	510	524	505
Crawford	117	122	140	157	135	130	135	140	104	135	132
Daviess	417	412	463	476	470	475	502	483	508	536	474
Dearborn	639	647	436	673	527	532	629	641	653	587	596
Decatur	380	391	400	377	379	376	387	362	355	365	377
DeKalb	571	634	556	560	616	591	566	554	585	545	578
Delaware	1,419	1,482	1,423	1,434	1,371	1,300	1,339	1,310	1,305	1,229	1,361
Dubois	561	535	558	542	515	565	501	550	563	575	547
Elkhart	2,917	2,996	3,134	3,315	3,125	3,005	3,194	3,252	3,478	3,562	3,198
Fayette	372	342	285	340	302	309	332	304	309	300	320
Floyd	899	853	895	879	852	848	826	870	916	840	868
Fountain	231	255	240	218	238	211	217	213	195	200	222
Franklin	234	279	183	311	232	254	264	328	287	293	267
Fulton	293	264	281	272	252	234	263	245	268	249	262
Gibson	382	426	402	360	419	387	430	416	421	431	407
Grant	853	942	866	948	822	869	799	803	775	877	855
Greene	372	374	364	413	394	425	420	393	380	392	393
Hamilton	2,421	2,754	2,980	3,211	3,242	3,457	3,637	3,649	3,693	3,713	3,276
Hancock	714	725	703	722	725	741	844	824	888	901	779

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

**Live Births by County of Residence
Indiana Residents, 1997-2006
Total Population**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	97-2006 Avg.
INDIANA	83,385	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	89,404	86,259
Harrison	387	459	447	442	457	436	438	435	459	447	441
Hendricks	1,212	1,187	1,262	1,429	1,541	1,459	1,505	1,552	1,620	1,686	1,445
Henry	581	610	609	559	590	558	559	540	567	486	566
Howard	1,192	1,159	1,249	1,172	1,218	1,119	1,217	1,143	1,089	1,115	1,167
Huntington	496	506	526	519	438	488	461	499	451	481	487
Jackson	621	589	560	626	638	629	591	589	622	572	604
Jasper	362	389	427	390	353	405	431	396	465	470	409
Jay	344	331	331	310	305	282	332	287	303	306	313
Jefferson	386	384	364	367	383	332	365	382	363	369	370
Jennings	410	419	423	394	400	389	359	415	403	391	400
Johnson	1,448	1,597	1,641	1,673	1,649	1,622	1,705	1,765	1,676	1,838	1,661
Knox	440	475	473	430	453	393	474	462	471	514	459
Kosciusko	1,141	1,081	1,134	1,199	1,133	1,032	1,059	1,087	1,067	1,167	1,110
LaGrange	673	704	756	741	697	717	720	703	756	714	718
Lake	6,903	7,134	7,073	7,040	6,936	6,824	6,926	6,975	6,872	6,937	6,962
LaPorte	1,495	1,405	1,453	1,457	1,401	1,360	1,309	1,325	1,364	1,371	1,394
Lawrence	611	585	571	618	565	560	547	537	537	534	567
Madison	1,698	1,741	1,775	1,644	1,710	1,603	1,596	1,636	1,650	1,594	1,665
Marion	13,884	13,917	14,183	14,608	14,373	14,540	14,701	14,868	14,653	15,545	14,527
Marshall	703	686	680	688	720	639	701	655	679	662	681
Martin	158	145	155	142	125	145	119	114	140	126	137
Miami	460	443	431	480	479	433	451	438	480	449	454
Monroe	1,269	1,264	1,261	1,246	1,280	1,239	1,229	1,273	1,309	1,298	1,267
Montgomery	507	468	534	478	505	456	466	486	475	448	482
Morgan	899	927	985	958	847	927	873	873	851	871	901
Newton	162	153	208	172	163	156	155	141	133	138	158
Noble	708	719	725	744	717	669	678	739	682	766	715
Ohio	57	59	53	67	69	61	62	64	55	71	62
Orange	246	235	245	274	274	245	239	237	251	246	249
Owen	250	221	263	271	262	246	232	262	247	237	249
Parke	178	183	170	202	164	171	205	157	188	194	181

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Live Births by County of Residence
Indiana Residents, 1997-2006
Total Population

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	97-2006 Avg.
INDIANA	83,385	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	89,404	86,259
Perry	192	207	203	238	223	201	233	217	219	236	217
Pike	150	164	168	148	157	141	135	167	159	158	155
Porter	1,726	1,736	1,815	1,830	1,846	1,797	1,873	1,827	1,793	1,836	1,808
Posey	268	283	289	287	269	269	242	292	227	252	268
Pulaski	155	185	194	174	144	159	164	172	159	177	168
Putnam	411	448	430	423	405	406	404	407	408	368	411
Randolph	350	361	355	342	337	305	321	318	298	295	328
Ripley	418	405	334	433	381	374	396	387	406	389	392
Rush	255	245	238	245	259	258	217	196	214	226	235
St. Joseph	3,767	3,983	3,873	3,964	3,856	3,750	3,706	3,843	3,827	4,013	3,858
Scott	355	290	306	348	303	318	293	288	310	352	316
Shelby	582	560	606	627	597	547	537	582	505	539	568
Spencer	288	265	237	268	259	212	232	235	233	237	247
Starke	275	306	297	315	325	305	280	288	279	298	297
Steuben	439	435	403	424	464	421	419	412	440	396	425
Sullivan	239	229	256	254	265	258	266	214	216	235	243
Switzerland	96	112	103	110	102	102	126	110	102	128	109
Tippecanoe	1,804	1,770	1,838	1,931	1,917	1,941	2,012	2,073	2,081	2,205	1,957
Tipton	179	202	177	193	188	219	200	215	177	175	193
Union	91	97	55	112	66	77	74	101	94	92	86
Vanderburgh	2,163	2,273	2,281	2,336	2,292	2,298	2,356	2,351	2,451	2,520	2,332
Vermillion	224	206	213	205	191	205	200	207	200	171	202
Vigo	1,358	1,406	1,300	1,384	1,275	1,283	1,297	1,309	1,280	1,375	1,327
Wabash	413	388	444	431	391	418	373	378	383	393	401
Warren	96	101	81	100	94	101	94	84	83	94	93
Warrick	659	618	599	691	676	616	641	703	631	677	651
Washington	337	350	324	357	363	344	350	360	328	345	346
Wayne	858	918	906	896	894	837	857	943	910	920	894
Wells	383	344	317	372	321	322	381	353	306	387	349
White	329	357	354	350	386	355	325	323	330	322	343
Whitley	409	425	418	418	425	429	427	396	411	361	412

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Infant Mortality Rates, Total Population, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GRANT	9.7	35	STARKE	7.4
1	DELAWARE	9.7	36	MONROE	7.3
1	PERRY	9.7	37	FAYETTE	7.2
1	LAKE	9.7	38	KOSCIUSKO	7.1
5	MADISON	9.6	39	BOONE	7.0
6	MARION	9.5	39	WHITE	7.0
6	SULLIVAN	9.5	39	KNOX	7.0
8	WABASH	9.2	39	LAGRANGE	7.0
8	FULTON	9.2	43	MORGAN	6.9
10	RANDOLPH	9.1	44	MONTGOMERY	6.8
11	GREENE	8.9	45	DEKALB	6.7
12	WAYNE	8.8	46	MIAMI	6.6
13	SHELBY	8.6	47	CLARK	6.5
13	POSEY	8.6	48	NOBLE	6.3
15	ST. JOSEPH	8.5	49	HOWARD	6.2
15	JENNINGS	8.5	50	WHITLEY	6.1
17	ADAMS	8.4	51	JACKSON	6.0
17	DAVISS	8.4	51	JEFFERSON	6.0
19	HENRY	8.3	53	STEUBEN	5.9
19	JAY	8.3	53	DEARBORN	5.9
19	VIGO	8.3	53	DUBOIS	5.9
22	LAWRENCE	8.1	56	HAMILTON	5.8
23	VANDEBURGH	8.0	57	GIBSON	5.6
24	TIPPECANOE	7.9	58	HENDRICKS	5.2
24	ELKHART	7.9	59	JASPER	5.1
26	ALLEN	7.8	59	JOHNSON	5.1
26	CASS	7.8	59	PUTNAM	5.1
28	DECATUR	7.7	62	HANCOCK	5.0
29	LAPORTE	7.6	63	MARSHALL	4.6
29	BARTHOLOMEW	7.6	64	HARRISON	4.5
29	SCOTT	7.6	64	WARRICK	4.5
32	CLAY	7.5	66	HUNTINGTON	4.3
32	CLINTON	7.5	66	FLOYD	4.3
32	PORTER	7.5			
				INDIANA	7.8

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Infant Mortality Rates, White, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	FULTON	9.3	33	KNOX	6.9
1	PERRY	9.3	35	DEKALB	6.8
3	RANDOLPH	9.2	35	WHITE	6.8
4	SULLIVAN	9.1	35	STARKE	6.8
5	WABASH	8.8	35	MIAMI	6.8
5	GRANT	8.8	35	MONTGOMERY	6.8
5	POSEY	8.8	40	BOONE	6.7
8	GREENE	8.7	41	LAKE	6.6
9	DAVISS	8.5	42	LAGRANGE	6.4
9	ADAMS	8.5	42	FAYETTE	6.4
11	JAY	8.4	44	ST. JOSEPH	6.3
12	JENNINGS	8.3	45	NOBLE	6.2
12	SHELBY	8.3	46	LAPORTE	6.1
14	HENRY	8.2	46	WHITLEY	6.1
14	MADISON	8.2	46	JEFFERSON	6.1
16	TIPPECANOE	8.1	49	JACKSON	6.0
17	WAYNE	7.9	49	CLARK	6.0
17	LAWRENCE	7.9	51	STEUBEN	5.9
19	SCOTT	7.7	51	ALLEN	5.9
20	DELAWARE	7.6	53	DUBOIS	5.7
20	CLAY	7.6	53	HOWARD	5.7
20	CLINTON	7.6	55	DEARBORN	5.6
23	CASS	7.5	55	HAMILTON	5.6
23	VANDEBURGH	7.5	57	HENDRICKS	5.2
23	MONROE	7.5	57	JASPER	5.2
23	DECATUR	7.5	59	JOHNSON	5.0
27	BARTHOLOMEW	7.3	60	PUTNAM	4.9
27	VIGO	7.3	61	MARSHALL	4.6
27	PORTER	7.3	61	HARRISON	4.6
30	MARION	7.2	63	HANCOCK	4.4
31	KOSCIUSKO	7.1	63	HUNTINGTON	4.4
32	ELKHART	7.0	65	FLOYD	3.9
33	MORGAN	6.9	66	WARRICK	3.8
				INDIANA	6.7

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Infant Mortality Rates, Black, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	VIGO	26.9
2	DELAWARE	26.8
3	MADISON	23.0
4	ELKHART	19.6
5	ST. JOSEPH	18.9
6	ALLEN	17.6
7	LAKE	16.1
8	LAPORTE	15.6
9	MARION	15.4
10	VANDERBURGH	11.6
	INDIANA	16.3

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Infant Mortality Rates, Non-Hispanic, Indiana Residents, 1997-2006

(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	STEBEN	12.3	34	BARTHOLOMEW	7.4
2	LAKE	10.1	36	CLAY	7.3
3	MARION	9.8	37	PORTER	7.2
3	PERRY	9.8	37	MONROE	7.2
5	SULLIVAN	9.5	39	BOONE	7.1
5	MADISON	9.5	40	DEKALB	7.0
5	DELAWARE	9.5	40	KNOX	7.0
8	GRANT	9.4	42	MORGAN	6.9
9	GREENE	9.0	43	KOSCIUSKO	6.8
10	WABASH	8.9	44	MONTGOMERY	6.7
11	ST. JOSEPH	8.8	44	MIAMI	6.7
11	WAYNE	8.8	44	CLARK	6.7
13	JAY	8.7	47	WHITE	6.6
13	ADAMS	8.7	48	HOWARD	6.2
13	DAVISS	8.7	48	WHITLEY	6.2
13	CLINTON	8.7	50	JEFFERSON	6.1
13	FULTON	8.7	51	JACKSON	6.0
18	POSEY	8.6	51	LAGRANGE	6.0
18	JENNINGS	8.6	53	HAMILTON	5.9
20	VIGO	8.3	54	NOBLE	5.8
21	RANDOLPH	8.2	55	GIBSON	5.7
21	LAWRENCE	8.2	56	DEARBORN	5.6
23	SHELBY	8.1	57	JASPER	5.4
23	ELKHART	8.1	58	DUBOIS	5.2
23	HENRY	8.1	58	PUTNAM	5.2
26	CASS	8.0	60	HENDRICKS	5.1
26	ALLEN	8.0	60	JOHNSON	5.1
28	VANDERBURGH	7.9	60	HANCOCK	5.1
29	DECATUR	7.8	63	MARSHALL	4.7
30	LAPORTE	7.7	64	HARRISON	4.6
30	SCOTT	7.7	65	HUNTINGTON	4.4
32	FAYETTE	7.6	66	FLOYD	4.2
32	STARKE	7.6	66	WARRICK	4.2
34	TIPPECANOE	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, 2009

Infant Mortality Rates, Hispanic, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	11.8
2	LAKE	7.6
3	ELKHART	7.0
4	MARION	6.2
5	ST. JOSEPH	6.1
	INDIANA	7.2

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Neonatal Mortality Rates, Total Population, Indiana Residents, 1997-2006
 (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	GRANT	6.7	22	CLINTON	4.9
2	MARION	6.6	22	VIGO	4.9
3	GREENE	6.4	24	PORTER	4.8
4	DELAWARE	6.3	24	ELKHART	4.8
4	LAKE	6.3	26	MORGAN	4.7
6	SHELBY	6.0	27	LAGRANGE	4.6
7	MADISON	5.9	27	KNOX	4.6
8	HENRY	5.8	29	LAPORTE	4.5
8	ST. JOSEPH	5.8	29	HAMILTON	4.5
8	ADAMS	5.8	31	NOBLE	4.2
8	TIPPECANOE	5.8	31	DEARBORN	4.2
12	WAYNE	5.7	33	KOSCIUSKO	4.1
13	BOONE	5.6	34	CLARK	3.9
14	JENNINGS	5.5	34	HENDRICKS	3.9
14	LAWRENCE	5.5	36	HOWARD	3.7
16	MONROE	5.4	36	DUBOIS	3.7
17	DAVIESS	5.3	38	JOHNSON	3.3
18	VANDEBURGH	5.1	39	WARRICK	3.2
18	ALLEN	5.1	40	HANCOCK	3.0
18	CASS	5.1	41	MARSHALL	2.9
21	BARTHOLOMEW	5.0			
				INDIANA	5.1

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Neonatal Mortality Rates, White, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GREENE	6.2	19	KNOX	4.7
2	HENRY	5.9	22	PORTER	4.6
2	TIPPECANOE	5.9	22	ST. JOSEPH	4.6
2	GRANT	5.9	24	LAKE	4.5
5	ADAMS	5.8	24	LAGRANGE	4.5
6	MONROE	5.6	26	ELKHART	4.4
6	SHELBY	5.6	27	NOBLE	4.3
8	MADISON	5.5	28	HAMILTON	4.2
9	WAYNE	5.4	28	VIGO	4.2
9	LAWRENCE	5.4	30	KOSCIUSKO	4.1
11	DAVISS	5.3	31	HENDRICKS	4.0
11	JENNINGS	5.3	32	DEARBORN	3.9
11	BOONE	5.3	33	ALLEN	3.8
14	CLINTON	5.0	34	HOWARD	3.7
14	MARION	5.0	35	LAPORTE	3.6
14	DELAWARE	5.0	36	CLARK	3.5
17	BARTHOLOMEW	4.9	37	JOHNSON	3.3
18	CASS	4.8	38	MARSHALL	3.0
19	MORGAN	4.7	39	HANCOCK	2.6
19	VANDEBURGH	4.7			
				INDIANA	4.4

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Neonatal Mortality Rates, Black, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DELAWARE	18.6
2	ALLEN	12.3
3	ST. JOSEPH	11.3
4	MARION	10.7
5	LAKE	10.1
6	ELKHART	10.0
7	VANDERBURGH	7.9
	INDIANA	10.6

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Neonatal Mortality Rates, Non-Hispanic, Indiana Residents, 1997-2006

(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	MARION	6.8	21	VANDERBURGH	5.1
2	LAKE	6.4	22	VIGO	5.0
2	GREENE	6.4	23	ELKHART	4.8
4	GRANT	6.2	24	MORGAN	4.7
5	DELAWARE	6.1	24	PORTER	4.7
6	ST. JOSEPH	6.0	26	KNOX	4.6
6	ADAMS	6.0	26	BARTHOLOMEW	4.6
8	MADISON	5.9	28	HAMILTON	4.5
9	CLINTON	5.7	28	LAPORTE	4.5
9	BOONE	5.7	30	KOSCIUSKO	4.1
11	JENNINGS	5.6	31	LAGRANGE	4.0
11	SHELBY	5.6	32	DEARBORN	3.9
11	HENRY	5.6	32	CLARK	3.9
14	LAWRENCE	5.5	32	HENDRICKS	3.9
14	WAYNE	5.5	35	NOBLE	3.8
16	DAVISS	5.4	35	HOWARD	3.8
17	TIPPECANOE	5.3	37	JOHNSON	3.3
17	MONROE	5.3	38	WARRICK	3.1
19	CASS	5.2	39	HANCOCK	3.0
19	ALLEN	5.2			
				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, 2009

Neonatal Mortality Rates, Hispanic, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	9.2
2	LAKE	5.4
3	ELKHART	4.9
4	MARION	4.5
	INDIANA	5.1

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Postneonatal Mortality Rates, Total Population, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	MADISON	3.7
2	DEKALB	3.6
3	LAKE	3.4
3	VIGO	3.4
3	DELAWARE	3.4
6	WAYNE	3.1
6	ELKHART	3.1
6	LAPORTE	3.1
9	GRANT	3.0
9	KOSCIUSKO	3.0
11	MARION	2.9
11	VANDERBURGH	2.9
13	ST. JOSEPH	2.7
13	PORTER	2.7
15	ALLEN	2.6
15	CLARK	2.6
15	BARTHOLOMEW	2.6
18	HOWARD	2.5
19	MORGAN	2.2
20	TIPPECANOE	2.1
21	MONROE	1.9
22	JOHNSON	1.8
23	HAMILTON	1.3
	INDIANA	2.7

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Postneonatal Mortality Rates, White,
Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DEKALB	3.7
2	VIGO	3.1
3	KOSCIUSKO	2.9
3	GRANT	2.9
5	VANDEBURGH	2.8
6	MADISON	2.7
7	DELAWARE	2.6
7	PORTER	2.6
7	CLARK	2.6
10	ELKHART	2.5
10	WAYNE	2.5
10	LAPORTE	2.5
13	BARTHOLOMEW	2.4
14	MORGAN	2.2
14	TIPPECANOE	2.2
14	MARION	2.2
17	LAKE	2.1
17	ALLEN	2.1
19	HOWARD	2.0
20	MONROE	1.9
21	ST. JOSEPH	1.7
21	JOHNSON	1.7
23	HAMILTON	1.4
	INDIANA	2.3

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Postneonatal Mortality Rates, Black, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	MADISON	13.1
2	ELKHART	9.6
3	ST. JOSEPH	7.6
4	LAKE	6.0
5	ALLEN	5.3
6	MARION	4.8
	INDIANA	5.7

*Rate per 1,000 live births.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

**Postneonatal Mortality Rates, Non-Hispanic,
Indiana Residents, 1997-2006**

(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
2	LAKE	3.7
3	MADISON	3.6
4	DELAWARE	3.4
5	ELKHART	3.3
5	VIGO	3.3
5	WAYNE	3.3
5	LAPORTE	3.3
9	GRANT	3.2
10	MARION	3.0
11	ST. JOSEPH	2.8
11	ALLEN	2.8
11	BARTHOLOMEW	2.8
11	VANDEBURGH	2.8
15	CLARK	2.7
15	KOSCIUSKO	2.7
17	PORTER	2.5
18	HOWARD	2.4
19	MORGAN	2.2
20	TIPPECANOE	2.1
21	MONROE	1.9
21	JOHNSON	1.9
23	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, 2009

Postneonatal Mortality Rates, Hispanic,
Indiana Residents, 1997-2006

(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	1.8
	INDIANA	2.1

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Prenatal Care Began in First Trimester, Total Population, Indiana Residents, 1997-2006

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	47.2	47	MADISON	82.7
2	ELKHART	65.1	48	LAWRENCE	82.8
3	ADAMS	66.4	48	CRAWFORD	82.8
4	DAVISS	70.2	48	JASPER	82.8
5	CLINTON	72.4	51	RUSH	83.1
6	NOBLE	74.1	51	PERRY	83.1
7	LAPORTE	74.7	53	STARKE	83.2
8	GRANT	74.9	54	CLAY	83.4
9	CASS	75.8	55	BROWN	83.5
10	JAY	76.5	56	RANDOLPH	83.6
10	PARKE	76.5	57	VIGO	84.0
12	SCOTT	76.6	57	BENTON	84.0
13	MARION	76.9	59	FAYETTE	84.1
14	ST. JOSEPH	77.7	59	CARROLL	84.1
14	CLARK	77.7	61	UNION	84.2
16	STEUBEN	78.5	62	TIPPECANOE	84.3
17	JENNINGS	78.8	62	MORGAN	84.3
18	LAKE	79.0	64	PUTNAM	84.4
19	KOSCIUSKO	79.1	64	SHELBY	84.4
20	JACKSON	79.2	66	KNOX	84.5
21	WASHINGTON	79.3	66	WARREN	84.5
22	JEFFERSON	79.4	68	FRANKLIN	84.8
23	SWITZERLAND	79.5	69	SULLIVAN	84.9
23	WAYNE	79.5	70	RIPLEY	85.0
25	FULTON	79.9	71	TIPTON	85.6
26	HOWARD	80.1	72	HARRISON	85.8
27	DECATUR	80.2	72	VANDERBURGH	85.8
27	ORANGE	80.2	74	WHITLEY	86.5
29	OWEN	80.3	75	BLACKFORD	86.7
29	FOUNTAIN	80.3	75	SPENCER	86.7
31	VERMILLION	80.7	77	GIBSON	86.9
31	DEKALB	80.7	78	HUNTINGTON	87.3
33	NEWTON	80.9	79	BOONE	87.6
33	MIAMI	80.9	80	WELLS	87.7
35	WABASH	81.0	81	DELAWARE	87.8
36	FLOYD	81.2	81	PIKE	87.8
37	MARSHALL	81.4	83	DUBOIS	88.5
37	MONTGOMERY	81.4	84	POSEY	88.6
39	BARTHOLOMEW	81.8	85	HENRY	88.7
39	GREENE	81.8	85	JOHNSON	88.7
41	PORTER	81.9	87	HAMILTON	89.2
42	ALLEN	82.0	88	HENDRICKS	89.6
43	MONROE	82.2	89	WARRICK	89.7
44	WHITE	82.3	89	OHIO	89.7
44	MARTIN	82.3	91	DEARBORN	90.0
46	PULASKI	82.6	92	HANCOCK	90.7
				INDIANA	80.4

*The values are percentages of live births and do not include the unknowns.
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Prenatal Care Began in First Trimester, White, Indiana Residents, 1997-2006

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	47.2	46	LAWRENCE	83.0
2	ELKHART	66.1	48	RUSH	83.2
3	ADAMS	66.4	48	STARKE	83.2
4	DAVISS	70.4	50	PERRY	83.3
5	CLINTON	72.5	51	BROWN	83.4
6	NOBLE	74.2	52	CLAY	83.5
7	CASS	76.0	53	LAKE	83.7
8	JAY	76.4	54	RANDOLPH	83.8
9	PARKE	76.5	55	BENTON	84.0
10	GRANT	76.6	56	CARROLL	84.1
11	SCOTT	76.7	57	MADISON	84.2
12	LAPORTE	77.2	58	FAYETTE	84.3
13	STEBEN	78.5	58	MORGAN	84.3
14	CLARK	78.9	60	PUTNAM	84.4
14	JENNINGS	78.9	60	WARREN	84.4
16	JACKSON	79.2	60	SHELBY	84.4
17	KOSCIUSKO	79.3	60	UNION	84.4
18	WASHINGTON	79.4	64	TIPPECANOE	84.5
19	SWITZERLAND	79.5	65	KNOX	84.6
20	JEFFERSON	79.6	66	VIGO	84.7
21	FULTON	79.9	67	FRANKLIN	84.8
22	MARION	80.2	68	ALLEN	85.0
23	FOUNTAIN	80.3	68	RIPLEY	85.0
23	DECATUR	80.3	70	SULLIVAN	85.1
25	WAYNE	80.4	71	TIPTON	85.7
25	ORANGE	80.4	72	HARRISON	85.9
27	OWEN	80.5	73	WHITLEY	86.6
28	DEKALB	80.7	74	BLACKFORD	86.8
29	VERMILLION	80.8	74	SPENCER	86.8
30	ST. JOSEPH	80.9	76	GIBSON	87.2
31	NEWTON	81.1	77	HUNTINGTON	87.3
32	WABASH	81.2	78	VANDEBURGH	87.6
32	MIAMI	81.2	78	BOONE	87.6
34	HOWARD	81.3	80	WELLS	87.7
34	MARSHALL	81.3	81	PIKE	87.8
36	MONTGOMERY	81.7	82	DUBOIS	88.7
37	BARTHOLOMEW	81.8	82	POSEY	88.7
38	GREENE	81.9	84	JOHNSON	88.8
39	PORTER	82.1	84	HENRY	88.8
40	MARTIN	82.3	86	DELAWARE	88.9
41	FLOYD	82.4	87	HAMILTON	89.4
42	PULASKI	82.6	88	HENDRICKS	89.7
42	WHITE	82.6	89	WARRICK	89.8
44	MONROE	82.7	90	OHIO	90.0
45	JASPER	82.8	91	DEARBORN	90.1
46	CRAWFORD	83.0	92	HANCOCK	90.8
				INDIANA	82.0

*The values are percentages of live births and do not include the unknowns.
Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Prenatal Care Began in First Trimester, Black, Indiana Residents, 1997-2006

(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	54.0
3	KOSCIUSKO	56.7
4	LAPORTE	59.0
5	GRANT	59.7
6	ST. JOSEPH	62.2
7	MIAMI	63.8
8	FLOYD	64.7
9	CLARK	64.8
10	WAYNE	64.9
11	ALLEN	65.6
12	MONTGOMERY	66.0
13	BARTHOLOMEW	66.5
14	HOWARD	66.6
15	MARION	68.3
16	LAKE	69.1
17	MADISON	69.4
18	GIBSON	70.1
19	JEFFERSON	71.1
19	MONROE	71.1
21	VIGO	72.8
22	TIPPECANOE	73.4
23	VANDERBURGH	73.6
24	PORTER	73.8
25	KNOX	73.9
26	POSEY	74.4
27	FAYETTE	76.6
28	DEARBORN	76.7
29	BOONE	76.9
30	DELAWARE	77.9
31	JOHNSON	79.6
32	HENDRICKS	81.3
33	HAMILTON	81.6
34	SHELBY	82.0
35	WARRICK	83.3
36	HENRY	86.5
37	PUTNAM	87.1
38	HANCOCK	87.9
	INDIANA	67.7

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Prenatal Care Began in First Trimester, Non-Hispanic, Indiana Residents, 1997-2006

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	46.1	46	BARTHOLOMEW	83.1
2	ADAMS	66.3	48	RUSH	83.3
3	ELKHART	68.5	48	PERRY	83.3
4	DAVISS	70.7	50	CLAY	83.4
5	LAPORTE	75.2	51	STARKE	83.5
6	GRANT	75.6	52	MADISON	83.6
7	JAY	76.3	52	BROWN	83.6
8	PARKE	76.5	54	UNION	83.8
9	SCOTT	76.7	55	VIGO	84.1
10	NOBLE	77.5	56	JASPER	84.2
11	ST. JOSEPH	78.6	56	FAYETTE	84.2
12	CLARK	78.8	58	RANDOLPH	84.4
13	MARION	79.1	58	MORGAN	84.4
13	SWITZERLAND	79.1	58	PUTNAM	84.4
13	JENNINGS	79.1	61	WARREN	84.5
16	WASHINGTON	79.5	61	BENTON	84.5
17	LAKE	79.7	63	KNOX	84.6
18	JEFFERSON	79.8	63	FRANKLIN	84.6
19	CASS	79.9	65	SULLIVAN	85.0
20	CLINTON	80.1	66	RIPLEY	85.5
21	FULTON	80.2	67	SHELBY	85.6
22	OWEN	80.3	68	WHITE	85.7
22	WAYNE	80.3	69	CARROLL	85.8
24	ORANGE	80.5	70	HARRISON	86.0
24	HOWARD	80.5	71	VANDERBURGH	86.1
24	DECATUR	80.5	72	TIPTON	86.2
27	FOUNTAIN	80.7	73	TIPPECANOE	86.3
27	KOSCIUSKO	80.7	74	WHITLEY	86.7
27	JACKSON	80.7	75	BLACKFORD	86.8
30	VERMILLION	80.8	76	GIBSON	86.9
31	MIAMI	81.0	77	HUNTINGTON	87.5
32	DEKALB	81.2	78	SPENCER	87.7
32	WABASH	81.2	79	BOONE	87.9
34	FLOYD	81.8	79	PIKE	87.9
34	GREENE	81.8	79	DELAWARE	87.9
34	NEWTON	81.8	82	WELLS	88.2
37	MARSHALL	82.2	83	POSEY	88.6
38	PORTER	82.3	84	HENRY	88.8
39	MONROE	82.4	85	DEARBORN	89.3
40	MARTIN	82.5	86	JOHNSON	89.4
40	PULASKI	82.5	87	WARRICK	89.8
42	ALLEN	82.6	88	HENDRICKS	89.9
43	MONTGOMERY	82.7	88	HAMILTON	89.9
44	LAWRENCE	82.9	90	DUBOIS	90.0
45	CRAWFORD	83.0	91	OHIO	90.3
46	STEBEN	83.1	92	HANCOCK	90.9
				INDIANA	81.6

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

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

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Prenatal Care Began in First Trimester, Hispanic, Indiana Residents, 1997-2006

(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	42.0	37	JOHNSON	66.0
2	DECATUR	46.5	38	TIPPECANOE	69.1
3	STEUBEN	49.4	39	ST. JOSEPH	69.2
3	FLOYD	49.4	39	VIGO	69.2
5	ELKHART	50.5	41	KNOX	70.0
6	RIPLEY	52.1	41	BOONE	70.0
7	CLARK	53.3	43	DUBOIS	70.9
8	JENNINGS	53.7	44	HUNTINGTON	71.4
9	MADISON	54.2	45	WHITLEY	71.9
10	MONTGOMERY	54.3	46	WABASH	72.2
11	WAYNE	54.4	47	SCOTT	72.5
12	NOBLE	55.4	48	FULTON	72.6
13	SPENCER	55.8	49	ADAMS	73.0
14	JACKSON	56.0	50	LAWRENCE	73.2
15	CARROLL	56.8	51	MONROE	73.4
16	MARION	57.1	51	HARRISON	73.4
17	WHITE	57.4	53	VANDERBURGH	74.4
18	CASS	57.5	54	PORTER	74.5
19	GRANT	57.7	55	ALLEN	74.9
20	JASPER	58.3	56	HENDRICKS	75.6
21	TIPTON	58.5	57	MARSHALL	75.7
22	RANDOLPH	58.8	57	LAKE	75.7
22	SHELBY	58.8	59	BENTON	76.1
24	BARTHOLOMEW	59.4	60	HANCOCK	77.0
25	HOWARD	61.2	61	MIAMI	77.4
26	NEWTON	61.3	62	JAY	77.5
27	LAGRANGE	61.9	63	HENRY	78.1
28	JEFFERSON	62.0	64	GREENE	78.8
29	DAVISS	62.2	65	MORGAN	79.3
30	HAMILTON	62.9	66	DELAWARE	81.9
31	WELLS	63.6	67	PULASKI	82.4
32	STARKE	64.8	68	PUTNAM	82.8
33	KOSCIUSKO	64.9	69	DEARBORN	84.8
34	DEKALB	65.2	70	WARRICK	85.9
34	FOUNTAIN	65.2	71	GIBSON	87.2
36	LAPORTE	65.8			
				INDIANA	64.1

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

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Low Birthweight*, Total Population, Indiana Residents, 1997-2006

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	9.4	42	JENNINGS	7.4
2	LAKE	9.1	42	PUTNAM	7.4
2	MARION	9.1	49	ORANGE	7.3
4	SULLIVAN	9.0	49	DEARBORN	7.3
5	GRANT	8.9	49	CLINTON	7.3
6	DELAWARE	8.8	49	HARRISON	7.3
7	SCOTT	8.7	53	FRANKLIN	7.2
8	MADISON	8.6	53	PULASKI	7.2
8	ALLEN	8.6	53	STARKE	7.2
10	FAYETTE	8.5	53	WARRICK	7.2
10	PERRY	8.5	57	MONROE	7.1
10	MARTIN	8.5	58	DAVISS	7.0
13	MORGAN	8.4	58	BARTHOLOMEW	7.0
13	VANDEBURGH	8.4	58	CLAY	7.0
15	KNOX	8.3	58	SWITZERLAND	7.0
15	BLACKFORD	8.3	58	OHIO	7.0
17	JACKSON	8.2	63	POSEY	6.9
18	LAPORTE	8.1	63	ELKHART	6.9
18	PARKE	8.1	63	FULTON	6.9
20	RUSH	8.0	63	JEFFERSON	6.9
20	SHELBY	8.0	63	OWEN	6.9
20	GREENE	8.0	63	WELLS	6.9
20	WAYNE	8.0	69	RIPLEY	6.8
24	SPENCER	7.9	70	MARSHALL	6.7
24	ST. JOSEPH	7.9	70	JOHNSON	6.7
24	VERMILLION	7.9	70	HANCOCK	6.7
27	FOUNTAIN	7.8	73	KOSCIUSKO	6.6
27	CRAWFORD	7.8	73	BOONE	6.6
27	VIGO	7.8	73	MIAMI	6.6
27	FLOYD	7.8	76	PORTER	6.5
31	RANDOLPH	7.7	76	HAMILTON	6.5
31	CLARK	7.7	76	NEWTON	6.5
31	STEBEN	7.7	76	BROWN	6.5
31	GIBSON	7.7	76	WASHINGTON	6.5
31	JAY	7.7	76	TIPPECANOE	6.5
36	HOWARD	7.6	82	DUBOIS	6.4
36	HUNTINGTON	7.6	83	CARROLL	6.2
36	WABASH	7.6	84	WHITE	6.1
39	HENRY	7.5	84	JASPER	6.1
39	CASS	7.5	86	HENDRICKS	6.0
39	MONTGOMERY	7.5	87	DEKALB	5.9
42	TIPTON	7.4	88	WARREN	5.7
42	NOBLE	7.4	88	ADAMS	5.7
42	WHITLEY	7.4	90	BENTON	5.5
42	DECATUR	7.4	91	LAGRANGE	5.3
42	LAWRENCE	7.4	92	UNION	4.7
				INDIANA	7.9

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Low Birthweight*, White, Indiana Residents, 1997-2006

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	9.4	47	HOWARD	7.2
2	SULLIVAN	8.8	47	FRANKLIN	7.2
3	SCOTT	8.7	47	HARRISON	7.2
4	FAYETTE	8.6	47	PULASKI	7.2
5	PERRY	8.5	47	LAPORTE	7.2
5	GRANT	8.5	47	CLARK	7.2
5	MORGAN	8.5	53	WARRICK	7.1
8	MARTIN	8.4	53	LAKE	7.1
9	JACKSON	8.3	53	STARKE	7.1
10	KNOX	8.2	56	OHIO	7.0
10	BLACKFORD	8.2	56	DAVIESS	7.0
12	MADISON	8.1	56	CLAY	7.0
12	DELAWARE	8.1	56	MONROE	7.0
12	PARKE	8.1	60	SWITZERLAND	6.9
12	RUSH	8.1	60	BARTHOLOMEW	6.9
16	GREENE	8.0	62	WELLS	6.8
16	SHELBY	8.0	62	POSEY	6.8
18	SPENCER	7.9	62	OWEN	6.8
18	CRAWFORD	7.9	62	FULTON	6.8
18	VERMILLION	7.9	62	RIPLEY	6.8
21	VANDEBURGH	7.8	67	JEFFERSON	6.7
21	FOUNTAIN	7.8	67	ST. JOSEPH	6.7
21	RANDOLPH	7.8	67	MARSHALL	6.7
21	WAYNE	7.8	67	HANCOCK	6.7
25	GIBSON	7.7	67	KOSCIUSKO	6.7
26	STEBEN	7.6	72	MIAMI	6.6
26	JAY	7.6	72	BOONE	6.6
26	HUNTINGTON	7.6	72	NEWTON	6.6
26	MARION	7.6	72	JOHNSON	6.6
30	VIGO	7.5	76	BROWN	6.5
30	ALLEN	7.5	76	WASHINGTON	6.5
30	WABASH	7.5	76	ELKHART	6.5
30	MONTGOMERY	7.5	79	HAMILTON	6.4
30	CASS	7.5	79	DUBOIS	6.4
30	HENRY	7.5	79	PORTER	6.4
36	TIPTON	7.4	79	TIPPECANOE	6.4
36	FLOYD	7.4	83	CARROLL	6.3
36	WHITLEY	7.4	84	WHITE	6.2
36	DECATUR	7.4	85	JASPER	6.1
36	NOBLE	7.4	86	HENDRICKS	6.0
36	LAWRENCE	7.4	87	DEKALB	5.8
36	JENNINGS	7.4	88	ADAMS	5.7
43	PUTNAM	7.3	88	WARREN	5.7
43	ORANGE	7.3	90	BENTON	5.5
43	CLINTON	7.3	91	LAGRANGE	5.3
43	DEARBORN	7.3	92	UNION	4.6
				INDIANA	7.2

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Low Birthweight*, Black, Indiana Residents, 1997-2006
 (Counties with 20 or more infants with low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	DELAWARE	15.9
2	ALLEN	14.4
3	LAPORTE	13.9
4	MADISON	13.8
5	GRANT	13.7
6	ST. JOSEPH	13.6
7	CLARK	13.4
7	FLOYD	13.4
7	LAKE	13.4
10	ELKHART	13.3
11	MARION	13.2
12	WAYNE	12.7
12	VIGO	12.7
14	HOWARD	12.6
15	PORTER	12.5
16	VANDEBURGH	12.4
16	MONROE	12.4
18	TIPPECANOE	10.2
19	HAMILTON	6.7
	INDIANA	13.3

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Low Birthweight*, Non-Hispanic, Indiana Residents, 1997-2006

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	STEOBEN	10.2	46	DEARBORN	7.4
2	LAKE	9.6	46	DECATUR	7.4
3	MARION	9.5	46	PUTNAM	7.4
3	PIKE	9.5	46	TIPTON	7.4
5	SULLIVAN	9.0	46	ORANGE	7.4
5	GRANT	9.0	52	HARRISON	7.2
7	DELAWARE	8.9	52	STARKE	7.2
8	SCOTT	8.7	52	ELKHART	7.2
8	ALLEN	8.7	52	PULASKI	7.2
8	MADISON	8.7	56	WARRICK	7.1
11	FAYETTE	8.6	56	FRANKLIN	7.1
12	PERRY	8.5	56	MONROE	7.1
12	MARTIN	8.5	56	DAVISS	7.1
14	MORGAN	8.4	60	BARTHOLOMEW	7.0
14	VANDEBURGH	8.4	60	FULTON	7.0
16	KNOX	8.3	60	JEFFERSON	7.0
17	JACKSON	8.2	63	CLAY	6.9
17	BLACKFORD	8.2	63	POSEY	6.9
17	WAYNE	8.2	63	SWITZERLAND	6.9
17	LAPORTE	8.2	63	OWEN	6.9
21	GREENE	8.1	67	MARSHALL	6.8
21	PARKE	8.1	67	WELLS	6.8
23	SHELBY	8.0	69	OHIO	6.7
23	ST. JOSEPH	8.0	69	JOHNSON	6.7
23	SPENCER	8.0	69	HANCOCK	6.7
23	FOUNTAIN	8.0	69	BOONE	6.7
23	RUSH	8.0	73	KOSCIUSKO	6.6
28	CLINTON	7.9	73	RIPLEY	6.6
28	NOBLE	7.9	73	WHITE	6.6
28	FLOYD	7.9	73	MIAMI	6.6
31	VERMILLION	7.8	73	PORTER	6.6
31	RANDOLPH	7.8	78	HAMILTON	6.5
31	VIGO	7.8	78	TIPPECANOE	6.5
31	JAY	7.8	80	WASHINGTON	6.4
31	CASS	7.8	80	DUBOIS	6.4
31	CLARK	7.8	80	NEWTON	6.4
31	GIBSON	7.8	80	BROWN	6.4
38	CRAWFORD	7.7	80	CARROLL	6.4
38	HOWARD	7.7	85	JASPER	6.1
40	WABASH	7.6	86	HENDRICKS	6.0
40	HUNTINGTON	7.6	87	DEKALB	5.9
42	HENRY	7.5	88	WARREN	5.8
42	MONTGOMERY	7.5	89	ADAMS	5.7
42	LAWRENCE	7.5	90	BENTON	5.5
42	JENNINGS	7.5	91	UNION	5.3
46	WHITLEY	7.4	92	LAGRANGE	5.2
				INDIANA	8.0

*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, 2009

Low Birthweight*, Hispanic, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	SHELBY	7.9
2	MADISON	7.8
3	GRANT	7.6
4	JACKSON	7.5
4	VANDERBURGH	7.5
6	MONROE	7.4
7	ALLEN	7.1
7	LAKE	7.1
7	BARTHOLOMEW	7.1
10	LAPORTE	6.8
11	KOSCIUSKO	6.7
12	HAMILTON	6.6
13	DUBOIS	6.5
13	TIPPECANOE	6.5
13	ST. JOSEPH	6.5
13	CLARK	6.5
17	PORTER	6.1
17	CASS	6.1
17	MARION	6.1
20	ELKHART	5.8
21	MARSHALL	5.4
22	CLINTON	5.0
23	NOBLE	4.7
24	JOHNSON	4.5
	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, 2009

Very Low Birthweight*, Total Population, Indiana Residents, 1997-2006

(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	32	WARRICK	1.3
2	PERRY	1.9	32	LAWRENCE	1.3
2	LAKE	1.9	32	GIBSON	1.3
4	PARKE	1.8	32	HOWARD	1.3
5	MARION	1.7	47	CLINTON	1.2
5	PULASKI	1.7	47	BOONE	1.2
7	ST. JOSEPH	1.6	47	SPENCER	1.2
7	PIKE	1.6	47	DEARBORN	1.2
7	VIGO	1.6	47	NOBLE	1.2
7	VANDEBURGH	1.6	47	GREENE	1.2
7	WAYNE	1.6	47	WABASH	1.2
7	SHELBY	1.6	47	HUNTINGTON	1.2
7	JAY	1.6	47	PORTER	1.2
7	ALLEN	1.6	47	CARROLL	1.2
15	MARTIN	1.5	47	BARTHOLOMEW	1.2
15	LAPORTE	1.5	47	PUTNAM	1.2
15	MORGAN	1.5	47	DECATUR	1.2
15	CLARK	1.5	47	MIAMI	1.2
15	CASS	1.5	61	FOUNTAIN	1.1
20	STARKE	1.4	61	FAYETTE	1.1
20	TIPPECANOE	1.4	61	JASPER	1.1
20	MADISON	1.4	61	HAMILTON	1.1
20	GRANT	1.4	61	DUBOIS	1.1
20	FRANKLIN	1.4	61	DAVISS	1.1
20	DELAWARE	1.4	61	HARRISON	1.1
20	SCOTT	1.4	61	VERMILLION	1.1
20	RUSH	1.4	61	OWEN	1.1
20	JENNINGS	1.4	61	POSEY	1.1
20	KNOX	1.4	61	WELLS	1.1
20	CLAY	1.4	61	KOSCIUSKO	1.1
20	JACKSON	1.4	73	WHITLEY	1.0
32	HENRY	1.3	73	WASHINGTON	1.0
32	STEBEN	1.3	73	HANCOCK	1.0
32	FLOYD	1.3	73	JOHNSON	1.0
32	ORANGE	1.3	73	MONTGOMERY	1.0
32	WHITE	1.3	73	JEFFERSON	1.0
32	RANDOLPH	1.3	79	DEKALB	0.9
32	ELKHART	1.3	79	RIPLEY	0.9
32	TIPTON	1.3	79	HENDRICKS	0.9
32	FULTON	1.3	79	ADAMS	0.9
32	MONROE	1.3	83	LAGRANGE	0.8
32	MARSHALL	1.3			
				INDIANA	1.4

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Very Low Birthweight*, White, Indiana Residents, 1997-2006
 (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	41	DEARBORN	1.2
2	PERRY	1.9	41	GIBSON	1.2
3	PARKE	1.8	41	WABASH	1.2
4	PULASKI	1.7	41	LAPORTE	1.2
5	PIKE	1.6	41	NOBLE	1.2
5	JAY	1.6	41	MIAMI	1.2
7	WAYNE	1.5	41	BOONE	1.2
7	MARTIN	1.5	41	ELKHART	1.2
7	VANDERBURGH	1.5	41	CARROLL	1.2
7	MORGAN	1.5	41	PUTNAM	1.2
7	VIGO	1.5	41	HUNTINGTON	1.2
7	SHELBY	1.5	41	GREENE	1.2
7	CASS	1.5	41	BARTHOLOMEW	1.2
14	SCOTT	1.4	41	HOWARD	1.2
14	FRANKLIN	1.4	41	DECATUR	1.2
14	RUSH	1.4	58	DELAWARE	1.1
14	JENNINGS	1.4	58	SPENCER	1.1
14	CLAY	1.4	58	FOUNTAIN	1.1
14	KNOX	1.4	58	HAMILTON	1.1
14	JACKSON	1.4	58	PORTER	1.1
14	TIPPECANOE	1.4	58	JASPER	1.1
14	CLARK	1.4	58	POSEY	1.1
23	HENRY	1.3	58	DAVISS	1.1
23	ORANGE	1.3	58	VERMILLION	1.1
23	MADISON	1.3	58	FAYETTE	1.1
23	RANDOLPH	1.3	58	DUBOIS	1.1
23	STARKE	1.3	58	WHITLEY	1.1
23	FULTON	1.3	70	WELLS	1.0
23	TIPTON	1.3	70	KOSCIUSKO	1.0
23	STEUBEN	1.3	70	HARRISON	1.0
23	LAWRENCE	1.3	70	WASHINGTON	1.0
23	WHITE	1.3	70	MONTGOMERY	1.0
23	FLOYD	1.3	70	OWEN	1.0
23	GRANT	1.3	70	HANCOCK	1.0
23	ST. JOSEPH	1.3	70	JOHNSON	1.0
23	MONROE	1.3	70	JEFFERSON	1.0
23	MARSHALL	1.3	79	DEKALB	0.9
23	LAKE	1.3	79	RIPLEY	0.9
23	MARION	1.3	79	HENDRICKS	0.9
23	ALLEN	1.3	79	ADAMS	0.9
41	WARRICK	1.2	83	LAGRANGE	0.8
41	CLINTON	1.2			
				INDIANA	1.2

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Very Low Birthweight*, Black, Indiana Residents, 1997-2006
(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	DELAWARE	3.8
2	TIPPECANOE	3.5
2	VIGO	3.5
4	LAPORTE	3.3
4	ALLEN	3.3
6	ST. JOSEPH	3.2
7	LAKE	3.1
8	MARION	3.0
9	ELKHART	2.9
10	GRANT	2.7
11	MADISON	2.5
11	CLARK	2.5
13	HOWARD	2.4
14	VANDERBURGH	2.3
	INDIANA	3.0

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, ERC, Data Analysis Team, 2009

Very Low Birthweight*, Non-Hispanic, Indiana Residents, 1997-2006

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

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	STEUBEN	2.7	35	MONROE	1.3
2	SULLIVAN	2.0	35	TIPTON	1.3
2	LAKE	2.0	35	GIBSON	1.3
4	PERRY	1.9	35	HOWARD	1.3
5	PARKE	1.8	47	BOONE	1.2
5	MARION	1.8	47	NOBLE	1.2
7	PULASKI	1.7	47	FULTON	1.2
7	ST. JOSEPH	1.7	47	WABASH	1.2
9	JAY	1.6	47	SPENCER	1.2
9	WAYNE	1.6	47	CARROLL	1.2
9	PIKE	1.6	47	HUNTINGTON	1.2
9	VANDEBURGH	1.6	47	GREENE	1.2
9	VIGO	1.6	47	PORTER	1.2
9	SHELBY	1.6	47	PUTNAM	1.2
9	ALLEN	1.6	47	FAYETTE	1.2
16	MARTIN	1.5	47	FOUNTAIN	1.2
16	CASS	1.5	59	MIAMI	1.1
16	LAPORTE	1.5	59	JASPER	1.1
16	MORGAN	1.5	59	HAMILTON	1.1
16	STARKE	1.5	59	DAVISS	1.1
16	CLARK	1.5	59	BARTHOLOMEW	1.1
16	GRANT	1.5	59	DECATUR	1.1
23	SCOTT	1.4	59	VERMILLION	1.1
23	DELAWARE	1.4	59	OWEN	1.1
23	MADISON	1.4	59	POSEY	1.1
23	CLINTON	1.4	59	HARRISON	1.1
23	CLAY	1.4	59	KOSCIUSKO	1.1
23	JENNINGS	1.4	59	DEARBORN	1.1
23	TIPPECANOE	1.4	59	WHITLEY	1.1
23	KNOX	1.4	59	WELLS	1.1
23	RUSH	1.4	59	DUBOIS	1.1
23	JACKSON	1.4	74	HANCOCK	1.0
23	RANDOLPH	1.4	74	JOHNSON	1.0
23	WHITE	1.4	74	MONTGOMERY	1.0
35	HENRY	1.3	74	WASHINGTON	1.0
35	FLOYD	1.3	74	JEFFERSON	1.0
35	MARSHALL	1.3	79	DEKALB	0.9
35	ELKHART	1.3	79	RIPLEY	0.9
35	FRANKLIN	1.3	79	HENDRICKS	0.9
35	LAWRENCE	1.3	79	ADAMS	0.9
35	ORANGE	1.3	83	LAGRANGE	0.7
35	WARRICK	1.3			
				INDIANA	1.4

*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, 2009

Very Low Birthweight*, Hispanic, Indiana Residents, 1997-2006

(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	1.8
2	ALLEN	1.5
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, 2009

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. The Data Analysis Team (Epidemiology Resource Center) at the Indiana State Department of Health uses the clinical estimate of gestation that is on the birth certificate. We do not calculate gestation based on last normal menses and date of birth, as the National Center for Health Statistics (NCHS) and some other states do. Therefore, our data may be slightly different than the national data.

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.).