Indiana

Maternal and Child Health
Outcomes and Performance Measures

DATA BOOK

State and selected county data

2005-2014

Indiana State
Department of Health

Indiana Maternal and Child Health Outcomes and Performance Measures Data Book
State and Selected County Data, 2005 – 2014

Indiana State Department of Health
Health and Human Services Commission
Division of Maternal and Child Health Epidemiology
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Glossary of Terms

Appendix

Preface

The Indiana Maternal and Child Health Outcomes and Performance Measures Data Book, 2005 – 2014, provides a summary of data relating to pregnancy, birth, and mortality in Indiana and selected counties for the years 2005 – 2014.

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 Maternal and Child Health Epidemiology Division in collaboration with the ISDH Epidemiology Resource (ERC) Data Analysis Team compiled these data to produce this report.

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

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

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

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

Preterm Birth: In this 2005 – 2014 MCH Outcomes report, the obstetrical estimate of gestation (clinical estimate of gestation) is used to calculate the preterm birth rates. The preterm data in this report are

comparable to the preterm data in the 1997 - 2006 MCH Outcomes report and prior reports and in all Natality Reports. The preterm birth rates in this report are *not* comparable with the preterm data in MCH Outcomes reports for 1998 – 2007 through 2002 – 2011. Those reports used the calculated gestation based on the last menstrual period to determine preterm births. The preterm birth rates in this report are *not* comparable to preterm birth data provided by the March of Dimes and NCHS.

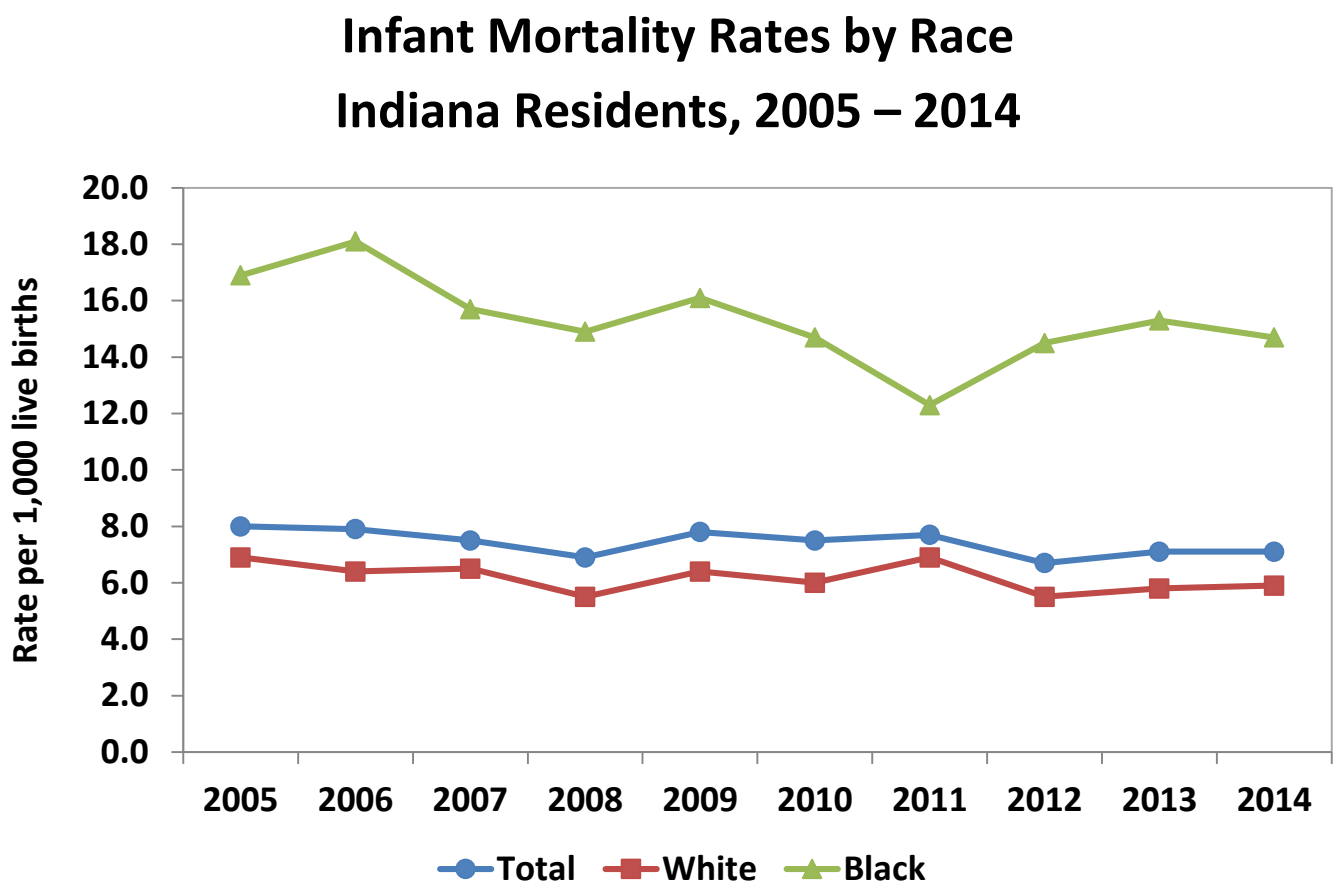
Maternal Mortality: Prior to 2008, the question was asked "Was the decedent pregnant or 90 days postpartum?" and the response was a yes or no. Beginning in 2008, more detailed information was collected for females. The check boxes are as follows: pregnant at time of death; not pregnant within past year;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

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

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

Race		
1997 OMB Standards (Current)	1977 OMB Standards (Pre-2007)	This Report
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

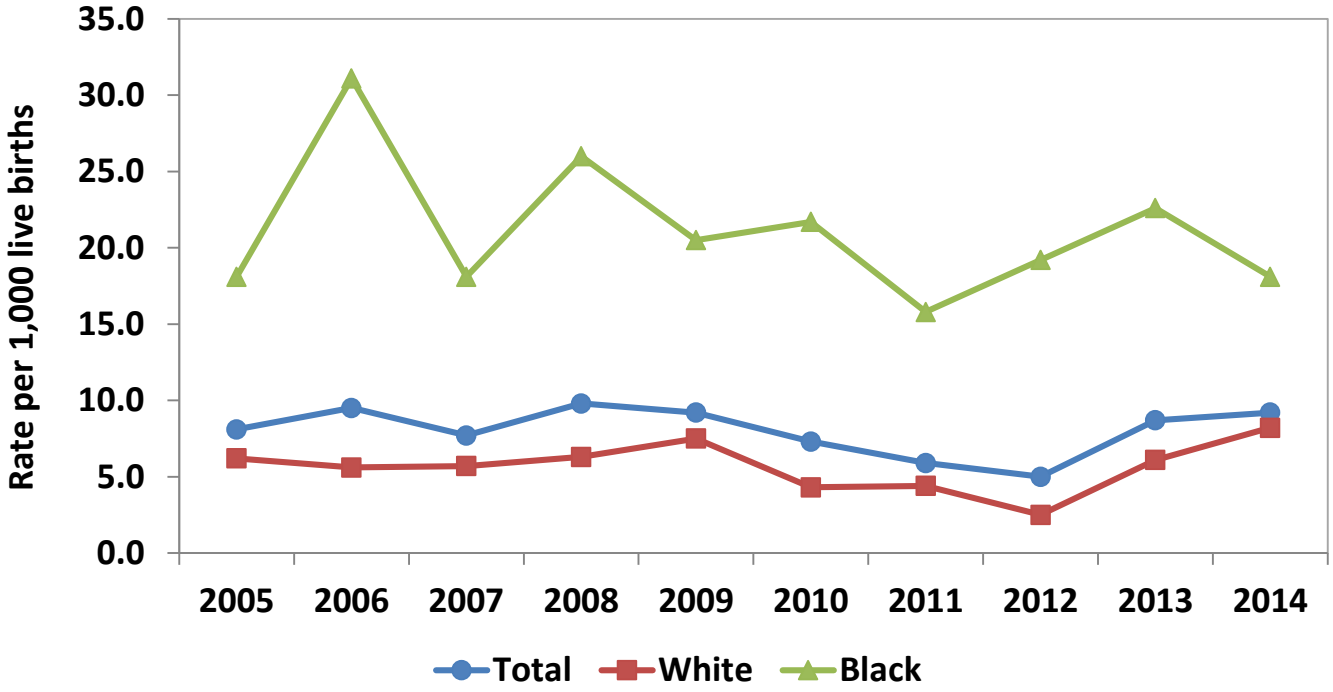
Ethnicity		
1997 OMB Standards (Current)	1977 OMB Standards (Pre-2007)	This Report
Hispanic or Latino	Hispanic	Hispanic
Not Hispanic or Latino	Non-Hispanic	Non-Hispanic



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	8.0	7.9	7.5	6.9	7.8	7.5	7.7	6.7	7.1	7.1
White	6.9	6.4	6.5	5.5	6.4	6.0	6.9	5.5	5.8	5.9
Black	16.9	18.1	15.7	14.9	16.1	14.7	12.3	14.5	15.3	14.7

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

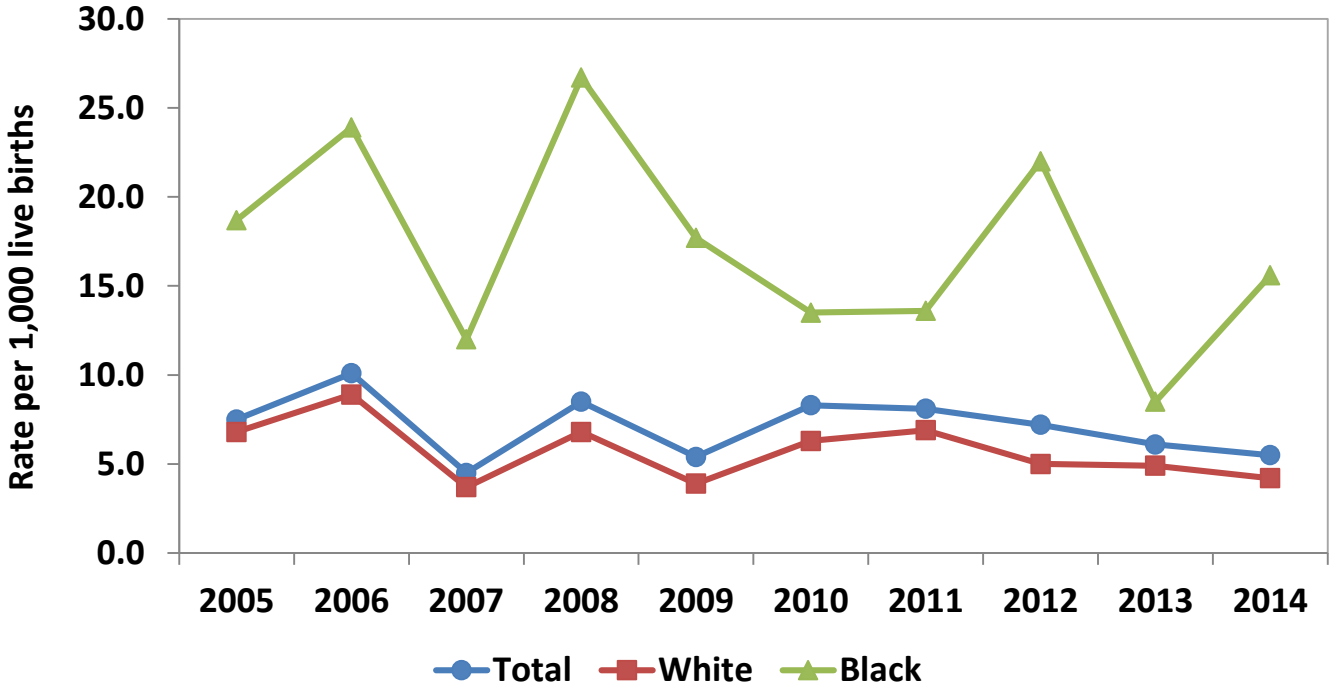
Infant Mortality Rates by Race
Allen County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	8.1	9.5	7.7	9.8	9.2	7.3	5.9	5.0	8.7	9.2
White	6.2	5.6	5.7	6.3	7.5	4.3*	4.4*	2.5*	6.1	8.2
Black	18.1*	31.1	18.1*	26.0	20.5*	21.7*	15.8*	19.2*	22.6*	18.1*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

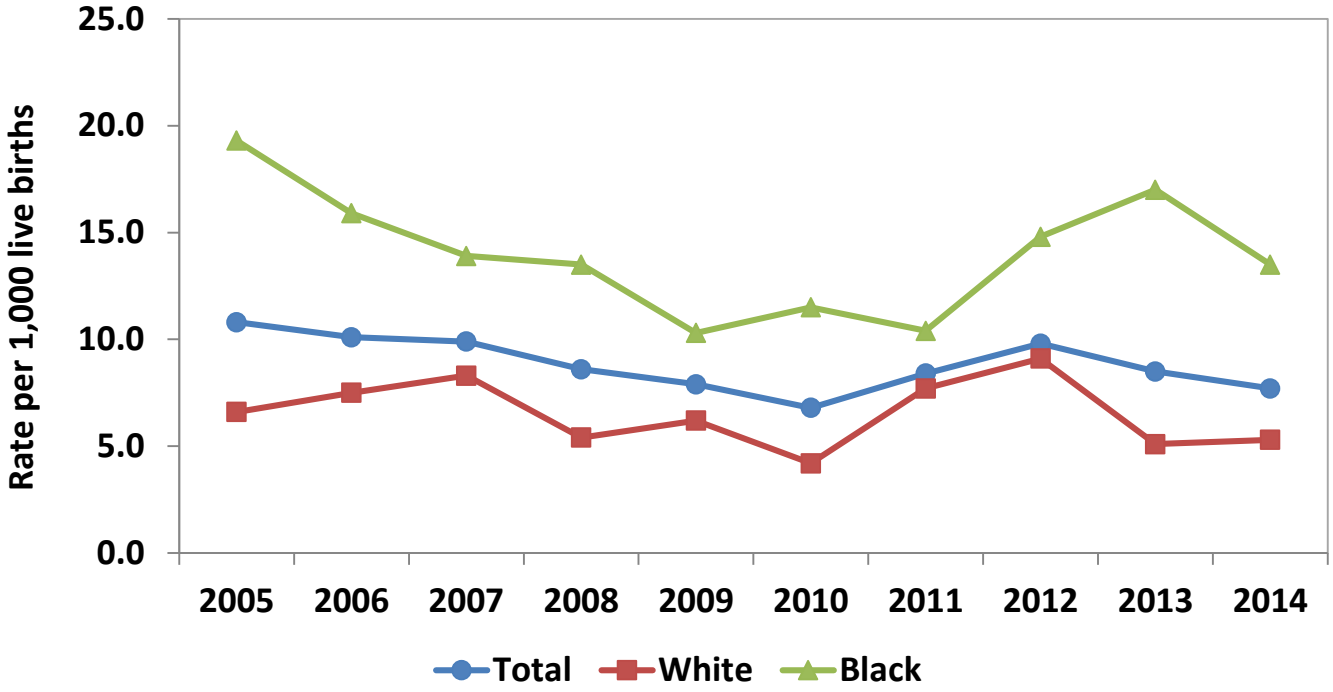
Infant Mortality Rates by Race
Elkhart County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	7.5	10.1	4.5*	8.5	5.4*	8.3	8.1	7.2	6.1*	5.5*
White	6.8	8.9	3.7*	6.8	3.9*	6.3*	6.9*	5.0*	4.9*	4.2*
Black	18.7*	23.9*	12.0*	26.7*	17.7*	13.5*	13.6*	22.0*	8.5*	15.6*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

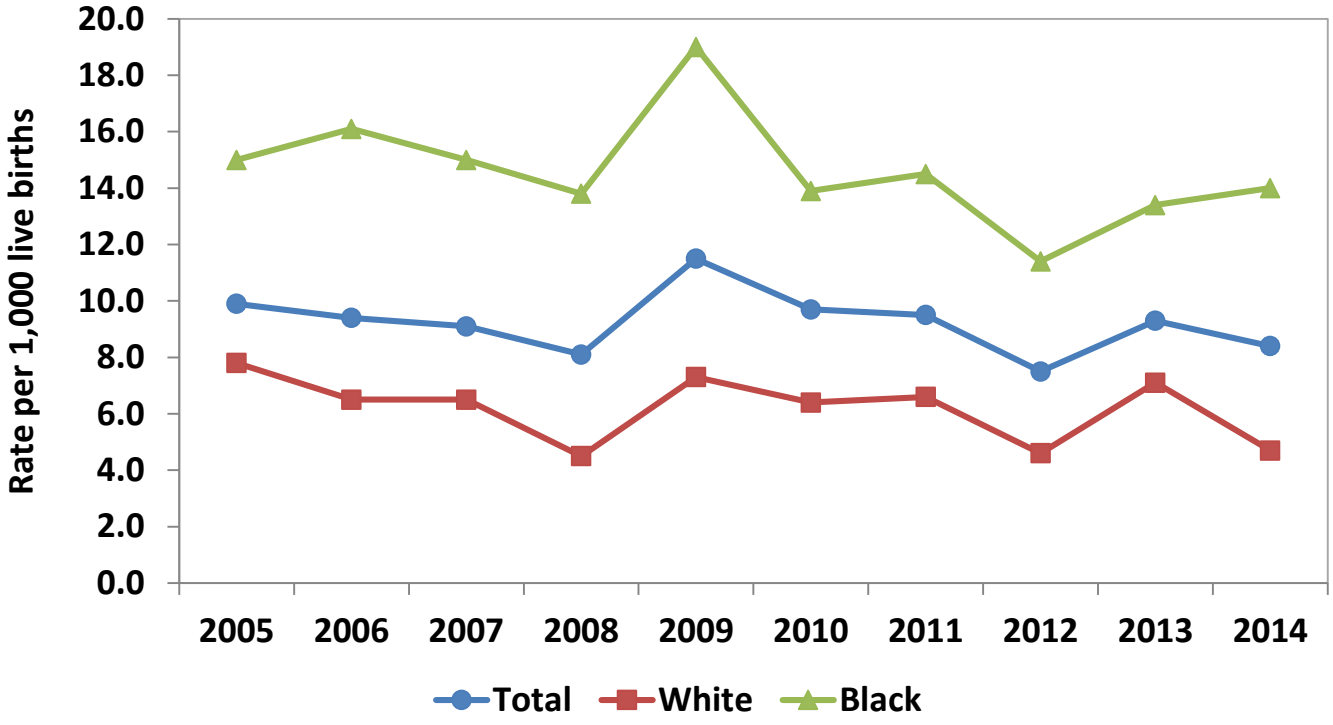
Infant Mortality Rates by Race
Lake County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	10.8	10.1	9.9	8.6	7.9	6.8	8.4	9.8	8.5	7.7
White	6.6	7.5	8.3	5.4	6.2	4.2*	7.7	9.1	5.1*	5.3
Black	19.3	15.9	13.9	13.5	10.3	11.5	10.4	14.8	17.0	13.5

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

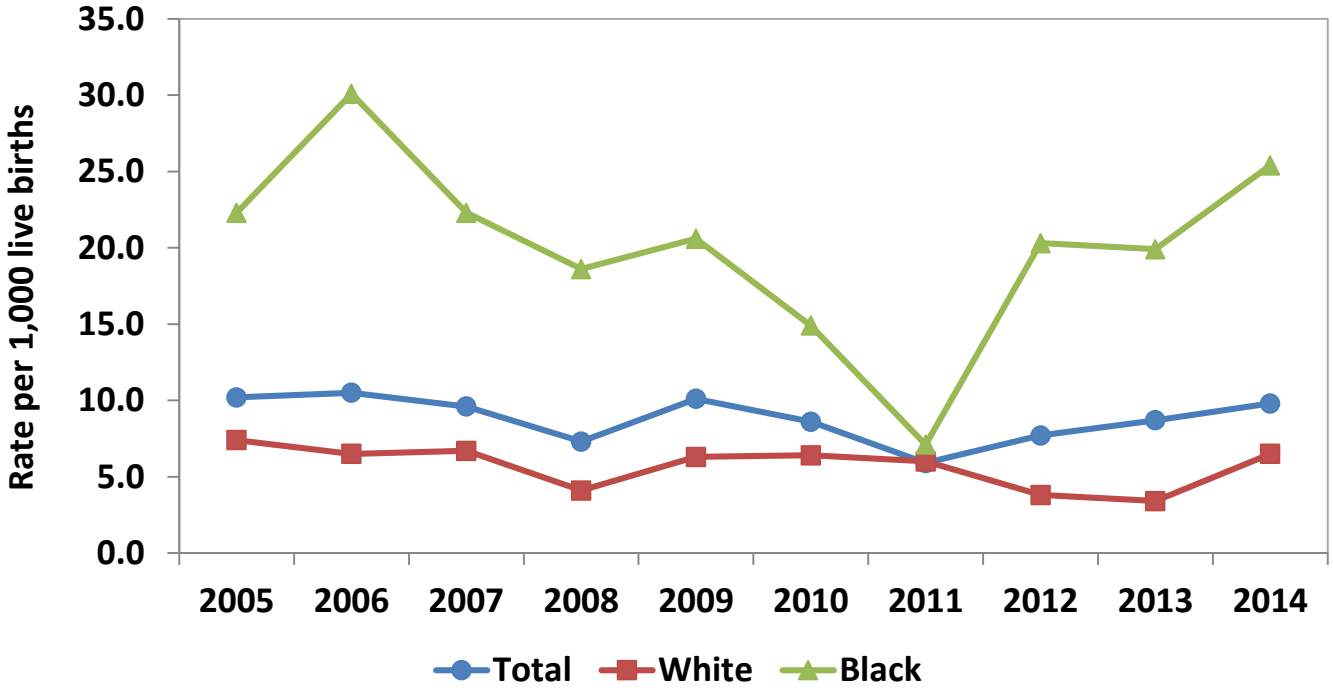
Infant Mortality Rates by Race
Marion County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	9.9	9.4	9.1	8.1	11.5	9.7	9.5	7.5	9.3	8.4
White	7.8	6.5	6.5	4.5	7.3	6.4	6.6	4.6	7.1	4.7
Black	15.0	16.1	15.0	13.8	19.0	13.9	14.5	11.4	13.4	14.0

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

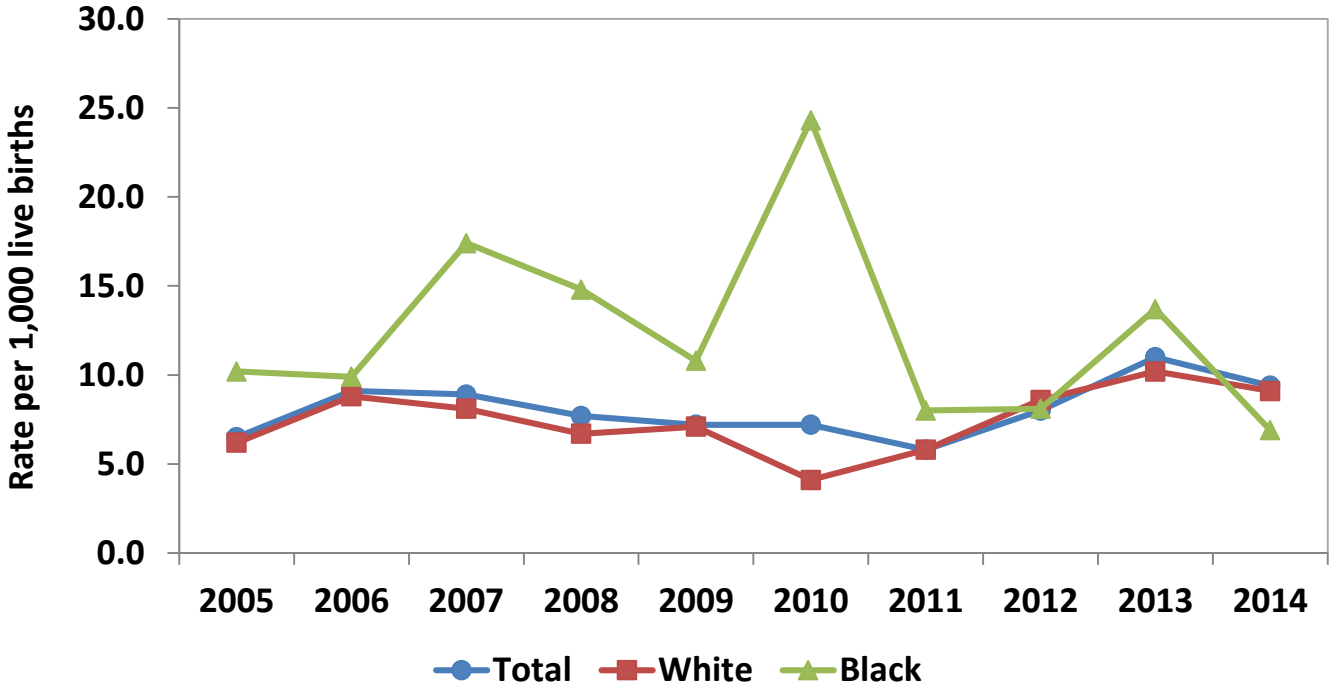
Infant Mortality Rates by Race
St. Joseph County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	10.2	10.5	9.6	7.3	10.1	8.6	5.9	7.7	8.7	9.8
White	7.4	6.5	6.7	4.1*	6.3*	6.4*	6.0*	3.8*	3.4*	6.5*
Black	22.3*	30.1	22.3*	18.6*	20.6*	14.9*	7.1*	20.3*	19.9*	25.4*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Infant Mortality Rates by Race
Vanderburgh County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	6.5*	9.1	8.9	7.7*	7.2*	7.2*	5.8*	8.0*	11.0	9.4
White	6.2*	8.8*	8.1*	6.7*	7.1*	4.1*	5.8*	8.6*	10.2*	9.1*
Black	10.2*	9.9*	17.4*	14.8*	10.8*	24.3*	8.0*	8.1*	13.7*	6.9*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Infant Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2005 – 2014

	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014	
	Number	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	***Number***	***Rate***
INDIANA	699	8.0	702	7.9	677	7.5	616	6.9	675	7.8	630	7.5	643	7.7	556	6.7	594	7.1	597	7.1
White	519	6.9	495	6.4	499	6.5	409	5.5	458	6.4	420	6.0	479	6.9	371	5.5	393	5.8	403	5.9
Black	166	16.9	188	18.1	162	15.7	156	14.9	164	16.1	148	14.7	122	12.3	146	14.5	153	15.3	153	14.7
Ratio		2.4		2.8		2.4		2.7		2.5		2.5		1.8		2.6		2.6		2.5
ALL RACES	343	9.4	369	9.7	323	8.6	310	8.4	349	9.5	297	8.4	280	8.0	262	7.5	302	8.8	290	8.4
Allen	43	8.1	52	9.5	42	7.7	54	9.8	50	9.2	39	7.3	31	5.9	26	5.0	44	8.7	48	9.2
Elkhart	26	7.5	36	10.1	16	4.5	29	8.5	17	5.4	25	8.3	24	8.1	22	7.2	18	6.1	17	5.5
Lake	74	10.8	70	10.1	67	9.9	57	8.6	53	7.9	44	6.8	52	8.4	59	9.8	51	8.5	47	7.7
Marion	145	9.9	146	9.4	140	9.1	124	8.1	176	11.5	142	9.7	139	9.5	109	7.5	133	9.3	123	8.4
St. Joseph	39	10.2	42	10.5	36	9.6	28	7.3	36	10.1	30	8.6	21	5.9	27	7.7	31	8.7	34	9.8
Vanderburgh	16	6.5	23	9.1	22	8.9	18	7.7	17	7.2	17	7.2	13	5.8	19	8.0	25	11.0	21	9.4
WHITE	193	7.0	197	7.0	180	6.5	140	5.3	173	6.7	137	5.5	152	6.3	121	5.2	138	6.2	139	5.9
Allen	27	6.2	25	5.6	25	5.7	26	6.3	31	7.5	18	4.3	18	4.4	10	2.5	23	6.1	32	8.2
Elkhart	22	6.8	29	8.9	12	3.7	21	6.8	11	3.9	17	6.3	18	6.9	13	5.0	12	4.9	11	4.2
Lake	30	6.6	34	7.5	37	8.3	22	5.4	26	6.2	17	4.2	28	7.7	31	9.1	18	5.1	20	5.3
Marion	79	7.8	69	6.5	69	6.5	46	4.5	74	7.3	60	6.4	61	6.6	40	4.6	57	7.1	42	4.7
St. Joseph	22	7.4	21	6.5	20	6.7	12	4.1	17	6.3	17	6.4	16	6.0	10	3.8	9	3.4	17	6.5
Vanderburgh	13	6.2	19	8.8	17	8.1	13	6.7	14	7.1	8	4.1	11	5.8	17	8.6	19	10.2	17	9.1
BLACK	142	17.0	165	18.6	135	15.6	140	15.8	144	16.8	124	14.5	106	12.8	116	13.9	129	15.5	128	15.0
Allen	14	18.1	27	31.1	16	18.1	24	26.0	18	20.5	18	21.7	13	15.8	16	19.2	18	22.6	15	18.1
Elkhart	**	18.7	6	23.9	**	12.0	7	26.7	**	17.7	**	13.5	**	13.6	5	22.0	**	8.5	**	15.6
Lake	43	19.3	36	15.9	30	13.9	30	13.5	22	10.3	24	11.5	20	10.4	28	14.8	32	17.0	25	13.5
Marion	62	15.0	72	16.1	66	15.0	61	13.8	83	19.0	62	13.9	63	14.5	51	11.4	59	13.4	65	14.0
St. Joseph	16	22.3	21	30.1	15	22.3	14	18.6	14	20.6	10	14.9	5	7.1	14	20.3	14	19.9	17	25.4
Vanderburgh	**	10.2	**	9.9	5	17.4	**	14.8	**	10.8	7	24.3	**	8.0	**	8.1	**	13.7	**	6.9
RATIO																				
Allen		2.9		5.6		3.2		4.1		2.7		5.0		3.6		7.7		3.7		2.2
Elkhart		2.8		2.7		3.2		3.9		4.5		2.1		2.0		4.4		1.7		3.8
Lake		2.9		2.1		1.7		2.5		1.7		2.7		1.4		1.6		3.3		2.5
Marion		1.9		2.5		2.3		3.1		2.6		2.2		2.2		2.5		1.9		3.0
St. Joseph		3.0		4.6		3.3		4.5		3.3		2.3		1.2		5.3		5.9		3.9
Vanderburgh		1.6		1.1		2.1		2.2		1.5		5.9		1.4		0.9		1.3		0.8

Rate per 1,000 live births.

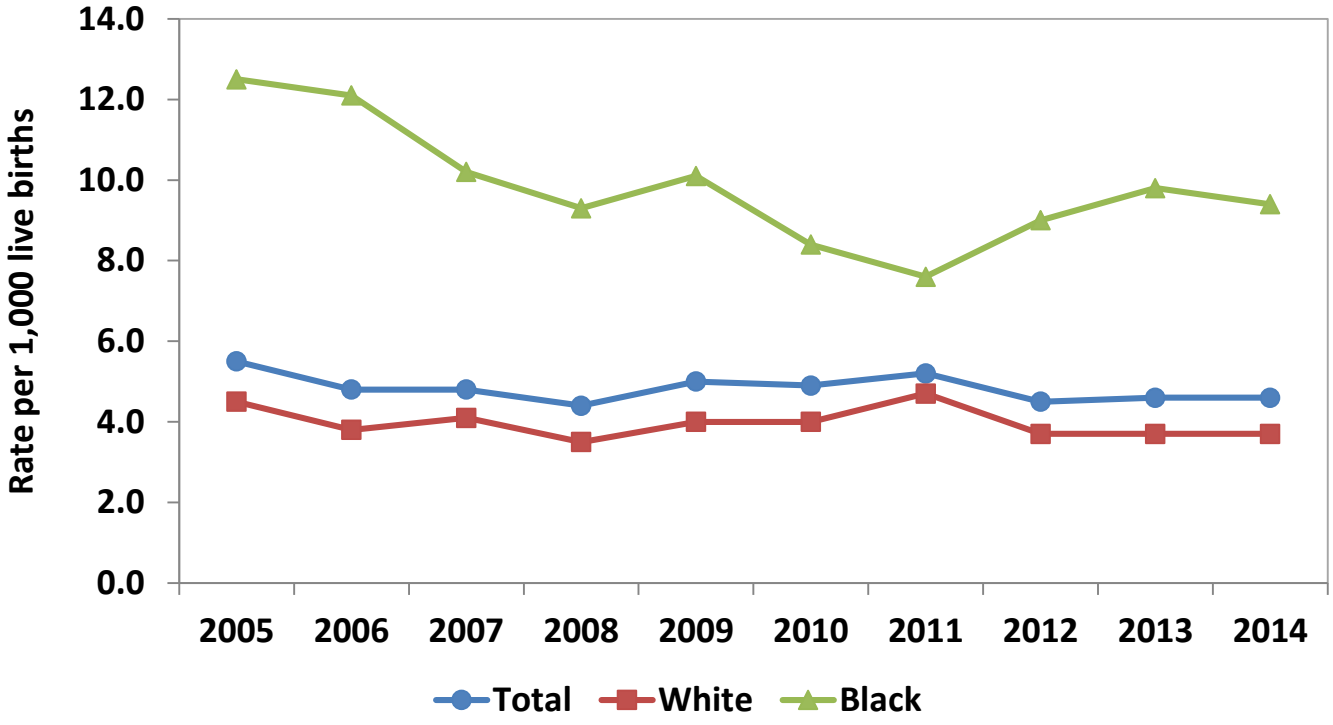
**<5 deaths are suppressed, includes zero values

Shaded Area: Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

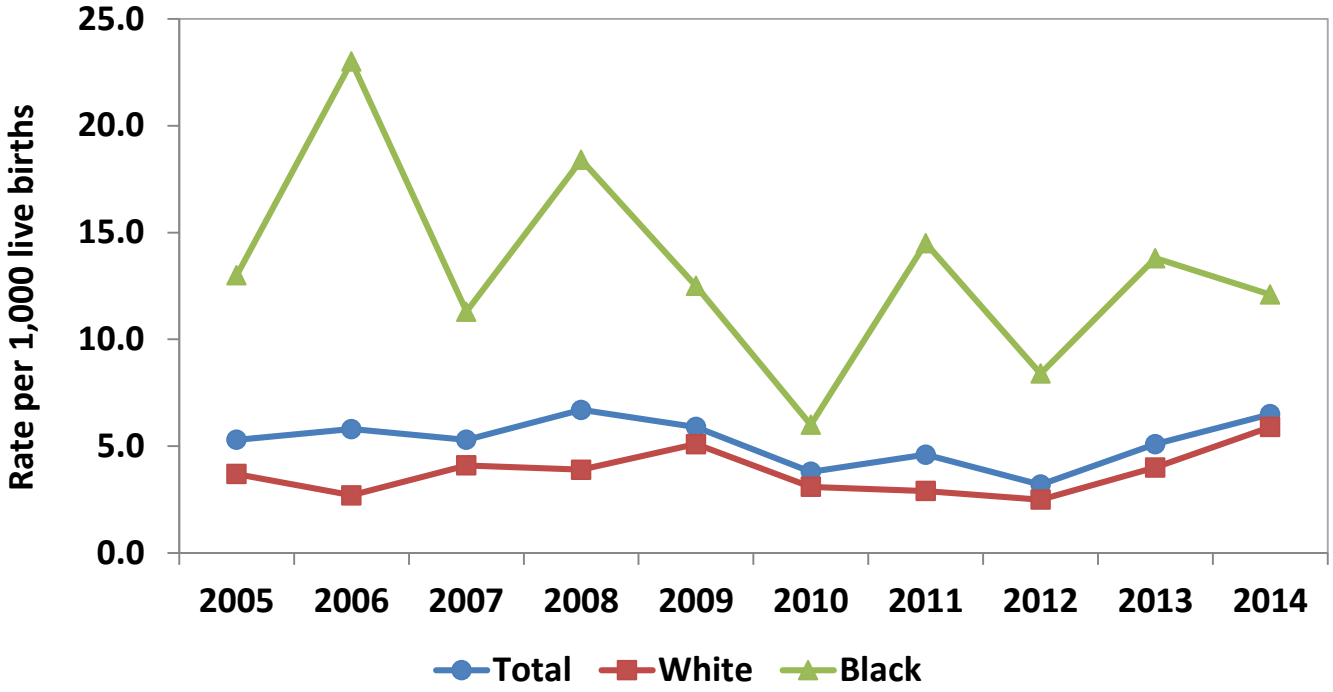
Neonatal Mortality Rates by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	5.5	4.8	4.8	4.4	5.0	4.9	5.2	4.5	4.6	4.6
White	4.5	3.8	4.1	3.5	4.0	4.0	4.7	3.7	3.7	3.7
Black	12.5	12.1	10.2	9.3	10.1	8.4	7.6	9.0	9.8	9.4

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

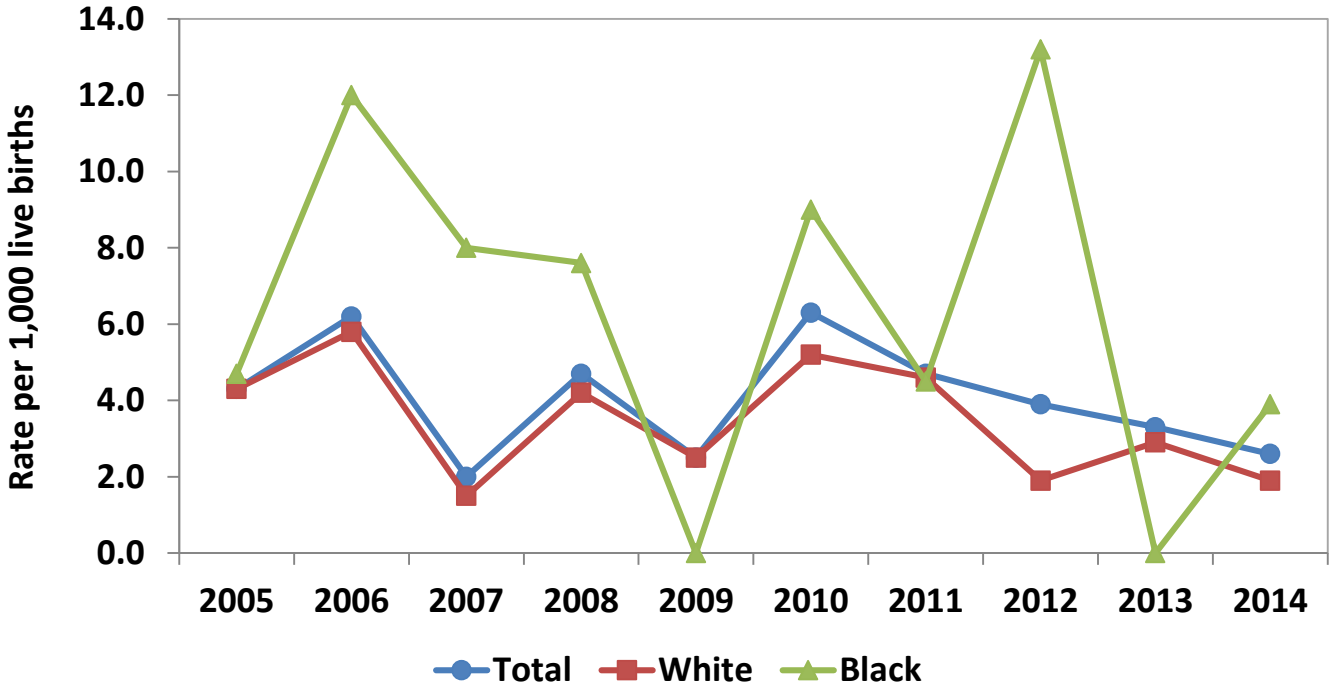
Neonatal Mortality Rates by Race
Allen County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	5.3	5.8	5.3	6.7	5.9	3.8	4.6	3.2*	5.1	6.5
White	3.7*	2.7*	4.1*	3.9*	5.1	3.1*	2.9*	2.5*	4.0*	5.9
Black	13.0*	23.0	11.3*	18.4*	12.5*	6.0*	14.5*	8.4*	13.8*	12.1*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

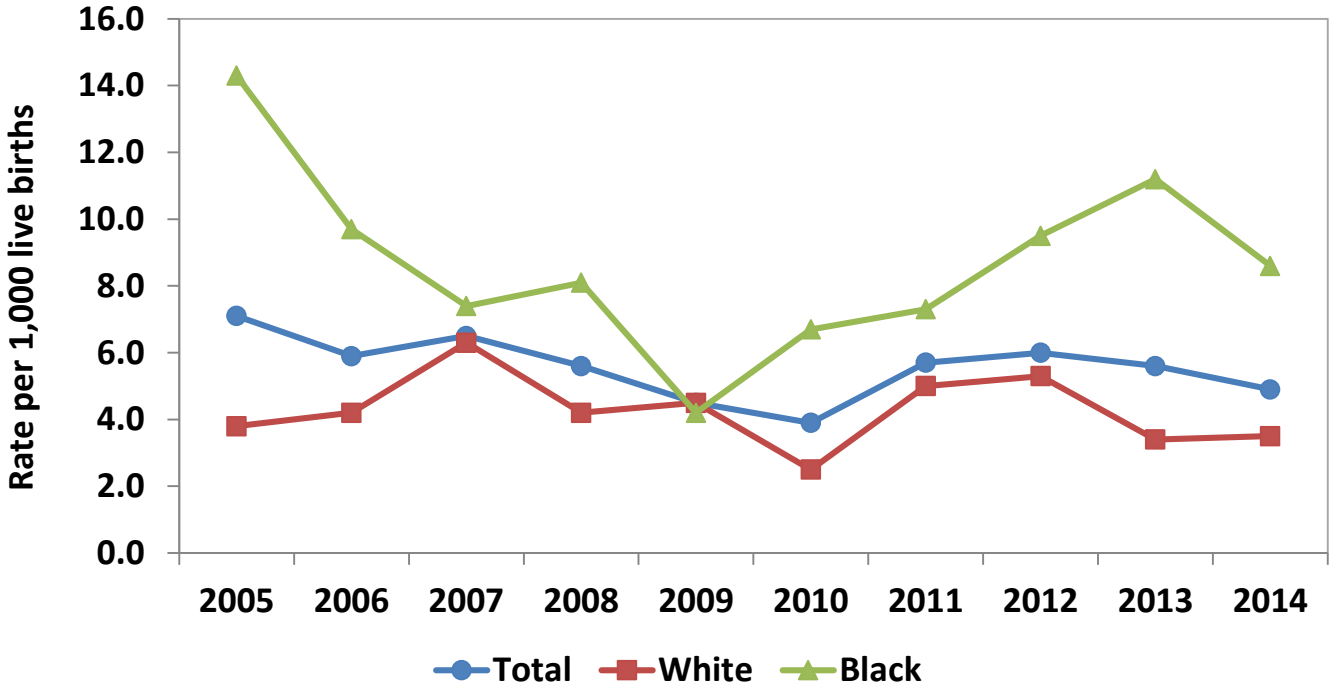
Neonatal Mortality Rates by Race
Elkhart County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	4.3*	6.2	2.0*	4.7*	2.5*	6.3*	4.7*	3.9*	3.3*	2.6*
White	4.3*	5.8*	1.5*	4.2*	2.5*	5.2*	4.6*	1.9*	2.9*	1.9*
Black	4.7*	12.0*	8.0*	7.6*	0.0*	9.0*	4.5*	13.2*	0.0*	3.9*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

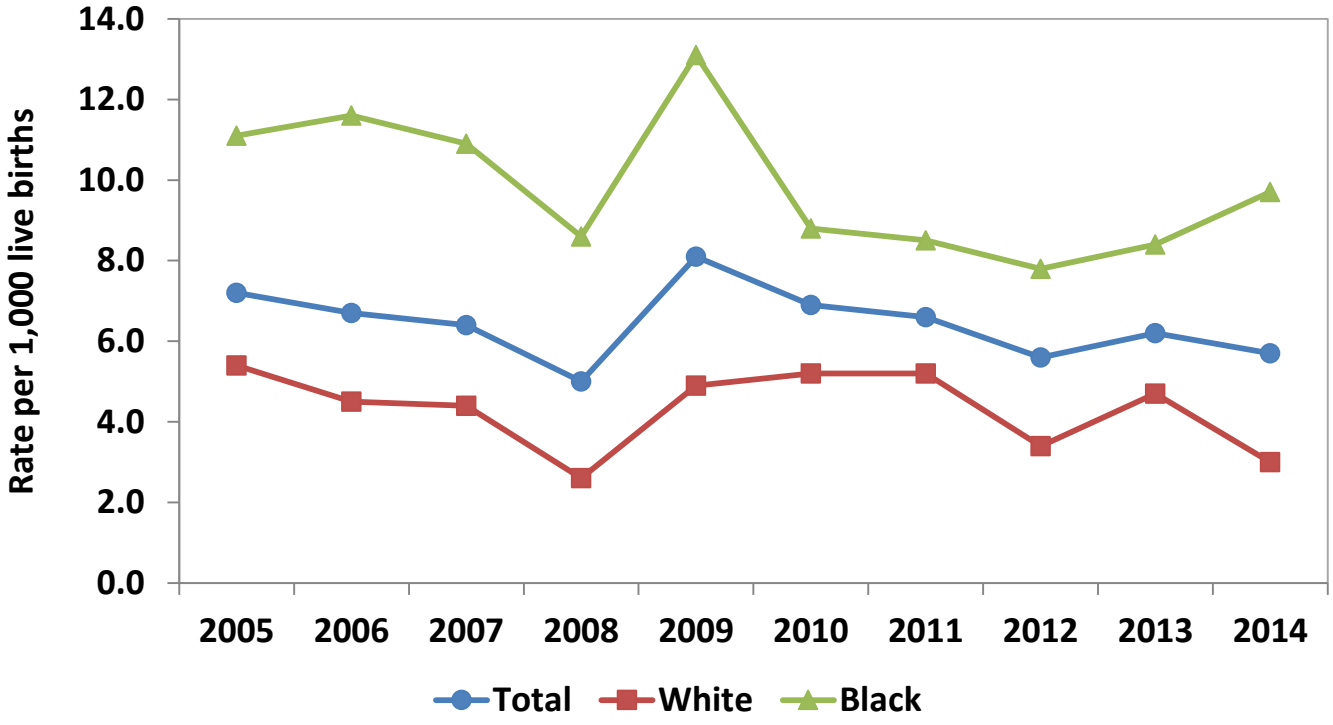
Neonatal Mortality Rates by Race
Lake County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	7.1	5.9	6.5	5.6	4.5	3.9	5.7	6.0	5.6	4.9
White	3.8*	4.2*	6.3	4.2*	4.5*	2.5*	5.0*	5.3*	3.4*	3.5*
Black	14.3	9.7	7.4*	8.1*	4.2*	6.7*	7.3*	9.5*	11.2	8.6*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

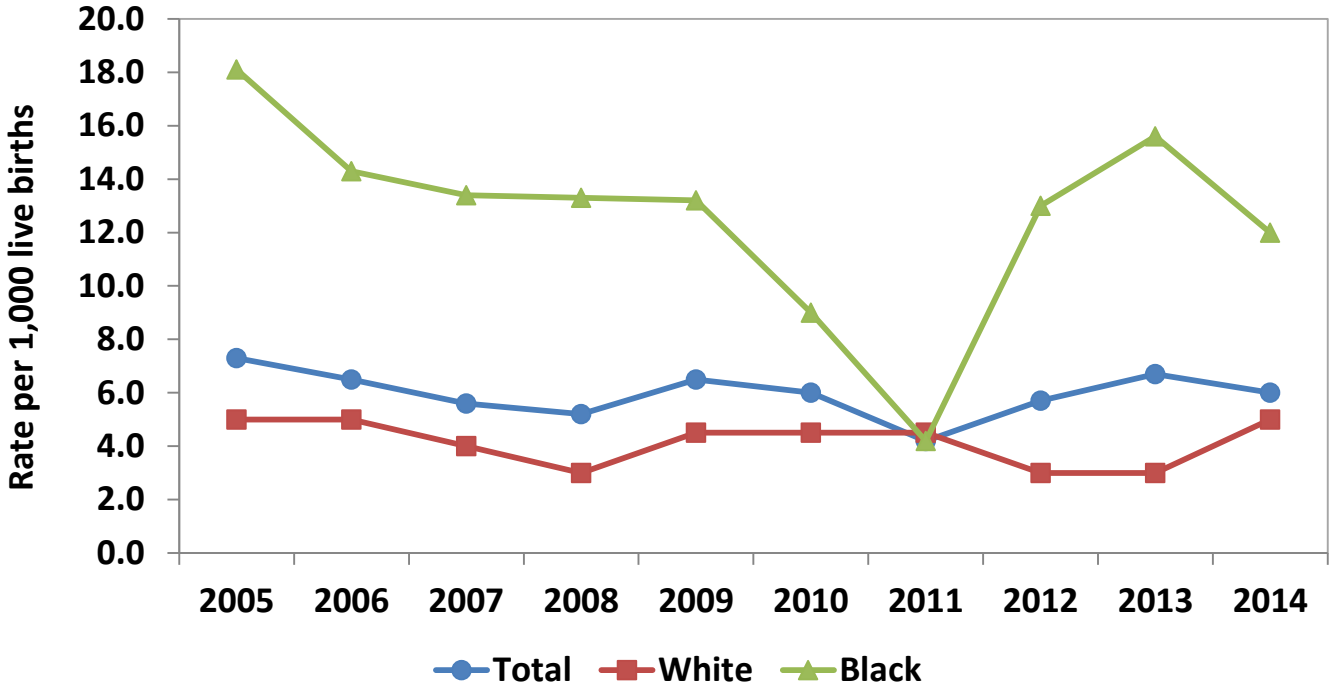
Neonatal Mortality Rates by Race
Marion County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	7.2	6.7	6.4	5.0	8.1	6.9	6.6	5.6	6.2	5.7
White	5.4	4.5	4.4	2.6	4.9	5.2	5.2	3.4	4.7	3.0
Black	11.1	11.6	10.9	8.6	13.1	8.8	8.5	7.8	8.4	9.7

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

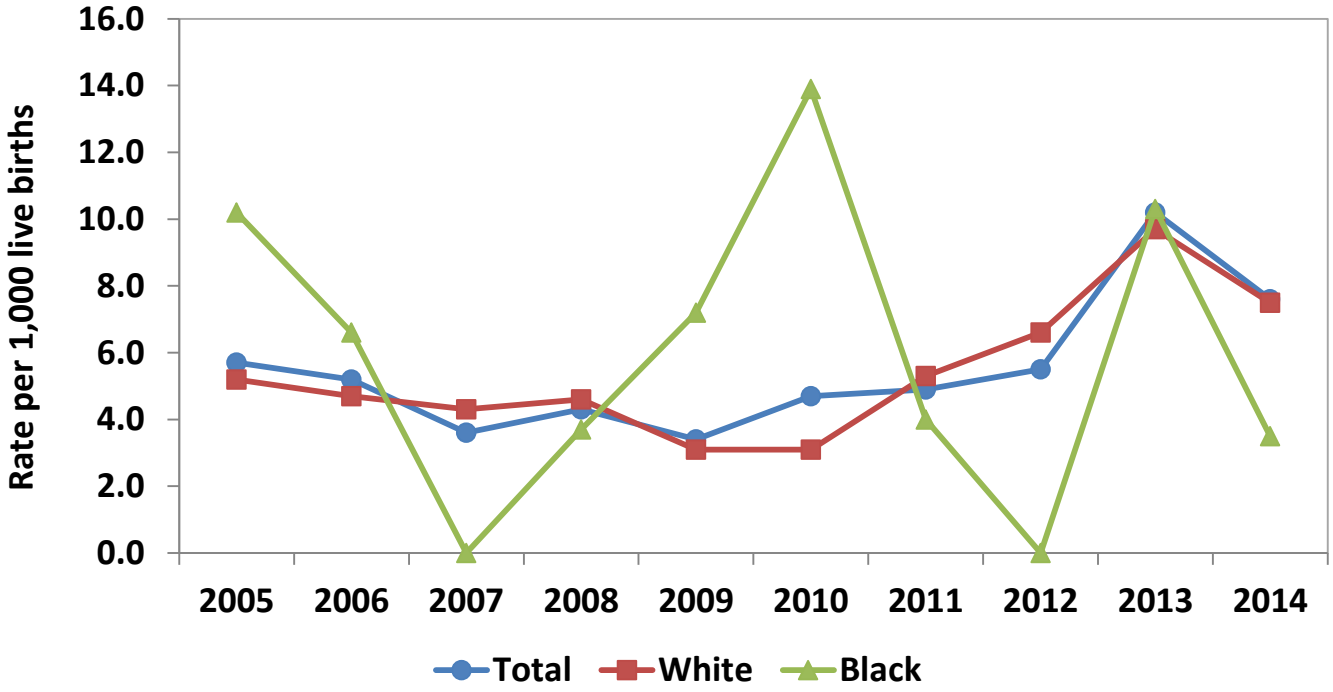
Neonatal Mortality Rates by Race
St. Joseph County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	7.3	6.5	5.6	5.2	6.5	6.0	4.2*	5.7	6.7	6.0
White	5.0*	5.0*	4.0*	3.0*	4.5*	4.5*	4.5*	3.0*	3.0*	5.0*
Black	18.1*	14.3*	13.4*	13.3*	13.2*	9.0*	4.2*	13.0*	15.6*	12.0*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Neonatal Mortality Rates by Race
Vanderburgh County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	5.7*	5.2*	3.6*	4.3*	3.4*	4.7*	4.9*	5.5*	10.2	7.6*
White	5.2*	4.7*	4.3*	4.6*	3.1*	3.1*	5.3*	6.6*	9.7*	7.5*
Black	10.2*	6.6*	0.0*	3.7*	7.2*	13.9*	4.0*	0.0*	10.3*	3.5*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Neonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2005 – 2014

	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014	
	Number	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***
INDIANA	475	5.5	433	4.8	428	4.8	387	4.4	428	5.0	407	4.9	435	5.2	371	4.5	381	4.6	388	4.6
White	343	4.5	296	3.8	313	4.1	258	3.5	290	4.0	282	4.0	327	4.7	250	3.7	248	3.7	258	3.7
Black	123	12.5	126	12.1	105	10.2	98	9.3	103	10.1	84	8.4	75	7.6	90	9.0	98	9.8	98	9.4
Ratio		2.8		3.2		2.5		2.7		2.5		2.1		1.6		2.4		2.6		2.5
ALL RACES	239	6.5	238	6.3	208	5.6	196	5.3	225	6.1	196	5.6	195	5.6	179	5.2	205	6.0	193	5.6
Allen	28	5.3	32	5.8	29	5.3	37	6.7	32	5.9	20	3.8	24	4.6	17	3.2	26	5.1	34	6.5
Elkhart	15	4.3	22	6.2	7	2.0	16	4.7	8	2.5	19	6.3	14	4.7	12	3.9	10	3.4	8	2.6
Lake	49	7.1	41	5.9	44	6.5	37	5.6	30	4.5	25	3.9	35	5.7	36	6.0	34	5.6	30	4.9
Marion	105	7.2	104	6.7	98	6.4	76	5.0	124	8.1	100	6.9	96	6.6	81	5.6	88	6.2	83	5.7
St. Joseph	28	7.3	26	6.5	21	5.6	20	5.2	23	6.5	21	6.0	15	4.2	20	5.7	24	6.7	21	6.0
Vanderburgh	14	5.7	13	5.2	9	3.6	10	4.3	8	3.4	11	4.7	11	4.9	13	5.5	23	10.2	17	7.6
WHITE	128	4.7	124	4.4	118	4.3	90	3.4	115	4.4	103	4.2	112	4.6	84	3.6	98	4.4	95	4.0
Allen	16	3.7	12	2.7	18	4.1	16	3.9	21	5.1	13	3.1	12	2.9	10	2.5	15	4.0	23	5.9
Elkhart	14	4.3	19	5.8	5	1.5	13	4.2	7	2.5	14	5.2	12	4.6	5	1.9	7	2.9	5	1.9
Lake	17	3.8	19	4.2	28	6.3	17	4.2	19	4.5	10	2.5	18	5.0	18	5.3	12	3.4	13	3.5
Marion	55	5.4	48	4.5	46	4.4	26	2.6	50	4.9	48	5.2	48	5.2	30	3.4	38	4.7	27	3.0
St. Joseph	15	5.0	16	5.0	12	4.0	9	3.1	12	4.5	12	4.5	12	4.5	8	3.0	8	3.0	13	5.0
Vanderburgh	11	5.2	10	4.7	9	4.3	9	4.6	6	3.1	6	3.1	10	5.3	13	6.6	18	9.7	14	7.5
BLACK	105	12.6	109	12.3	85	9.8	86	9.7	88	10.3	70	8.2	68	8.2	72	8.6	83	10.0	81	9.5
Allen	10	13.0	20	23.0	10	11.3	17	18.4	11	12.5	5	6.0	12	14.5	7	8.4	11	13.8	10	12.1
Elkhart	**	4.7	**	12.0	**	8.0	**	7.6	**	0.0	**	9.0	**	4.5	**	13.2	**	0.0	**	3.9
Lake	32	14.3	22	9.7	16	7.4	18	8.1	9	4.2	14	6.7	14	7.3	18	9.5	21	11.2	16	8.6
Marion	46	11.1	52	11.6	48	10.9	38	8.6	57	13.1	39	8.8	37	8.5	35	7.8	37	8.4	45	9.7
St. Joseph	13	18.1	10	14.3	9	13.4	10	13.3	9	13.2	6	9.0	**	4.2	9	13.0	11	15.6	8	12.0
Vanderburgh	**	10.2	**	6.6	**	0.0	**	3.7	**	7.2	**	13.9	**	4.0	**	0.0	**	10.3	**	3.4
RATIO																				
Allen		3.5		8.5		2.8		4.7		2.5		1.9		5.0		3.4		3.5		2.0
Elkhart		1.1		2.1		5.3		1.8		0.0		1.7		1.0		7.0		0.0		2.1
Lake		3.8		2.3		1.2		1.9		0.9		2.7		1.5		1.8		3.3		2.5
Marion		2.1		2.6		2.5		3.3		2.7		1.7		1.6		2.3		1.8		3.2
St. Joseph		3.6		2.9		3.4		4.3		2.9		2.0		0.9		4.3		5.2		2.4
Vanderburgh		2.0		1.4		0.0		0.8		2.3		4.5		0.8		0.0		1.1		0.5

Rate per 1,000 live births.

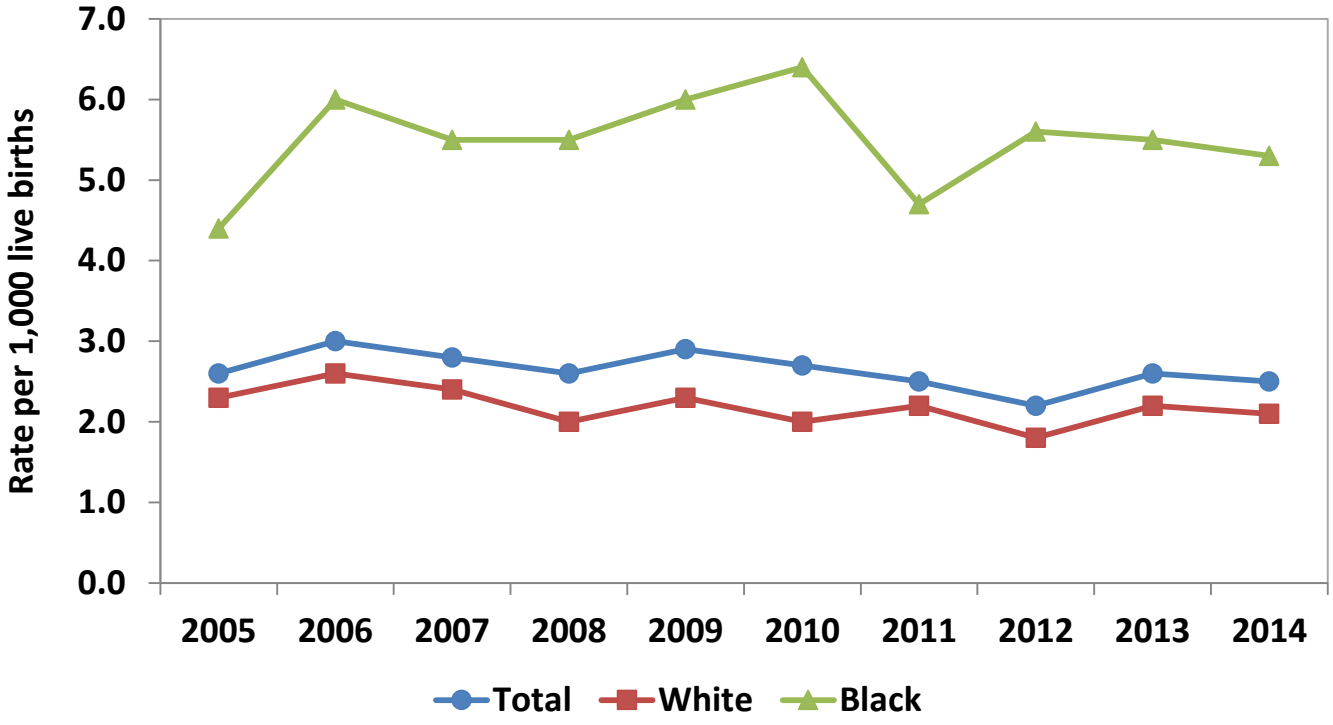
**<5 deaths are suppressed, includes zero values

Shaded Area: Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

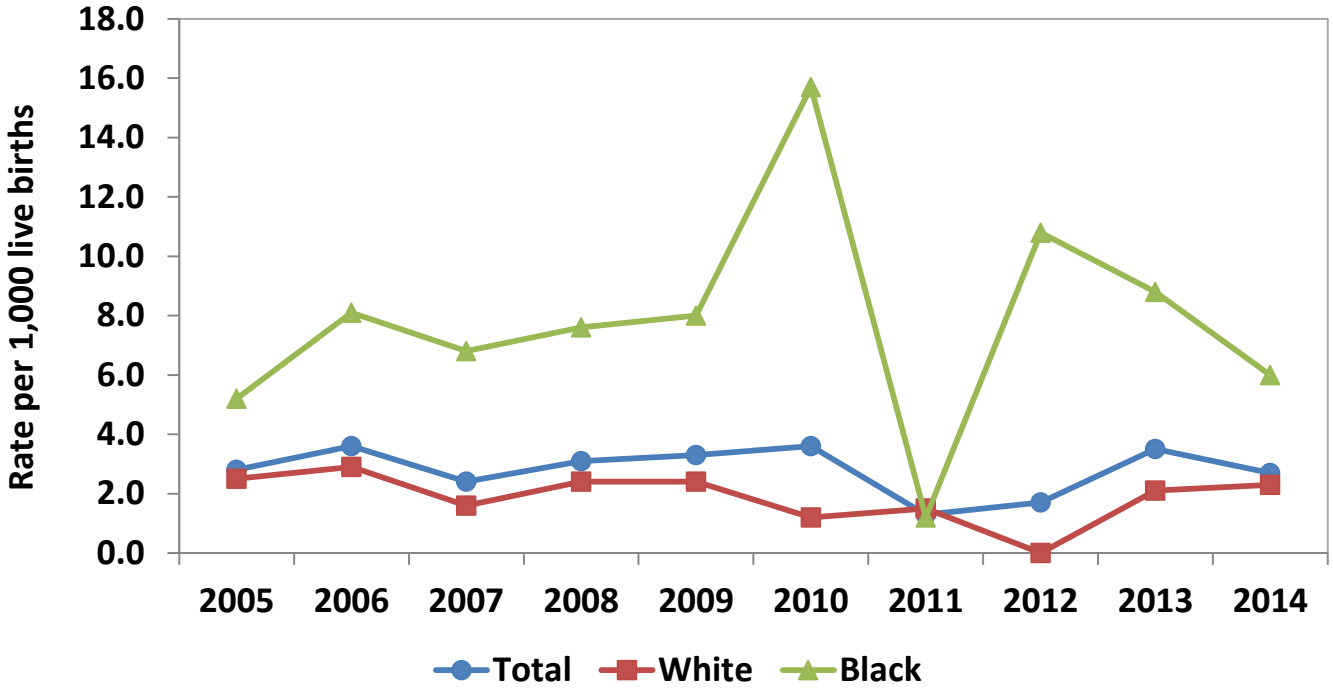
Post-Neonatal Mortality Rates by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	2.6	3.0	2.8	2.6	2.9	2.7	2.5	2.2	2.6	2.5
White	2.3	2.6	2.4	2.0	2.3	2.0	2.2	1.8	2.2	2.1
Black	4.4	6.0	5.5	5.5	6.0	6.4	4.7	5.6	5.5	5.3

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

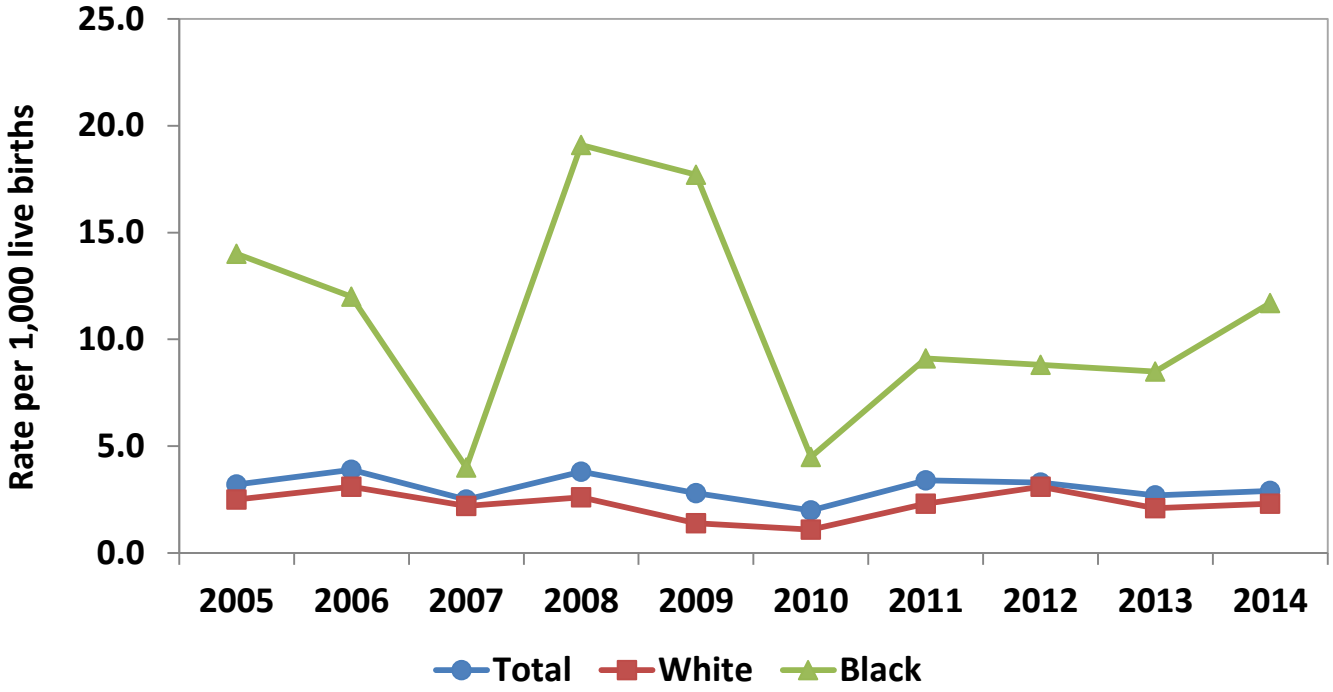
Post-Neonatal Mortality Rates by Race
Allen County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	2.8*	3.6	2.4*	3.1*	3.3*	3.6*	1.3*	1.7*	3.5*	2.7*
White	2.5*	2.9*	1.6*	2.4*	2.4*	1.2*	1.5*	0.0*	2.1*	2.3*
Black	5.2*	8.1*	6.8*	7.6*	8.0*	15.7*	1.2*	10.8*	8.8*	6.0*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

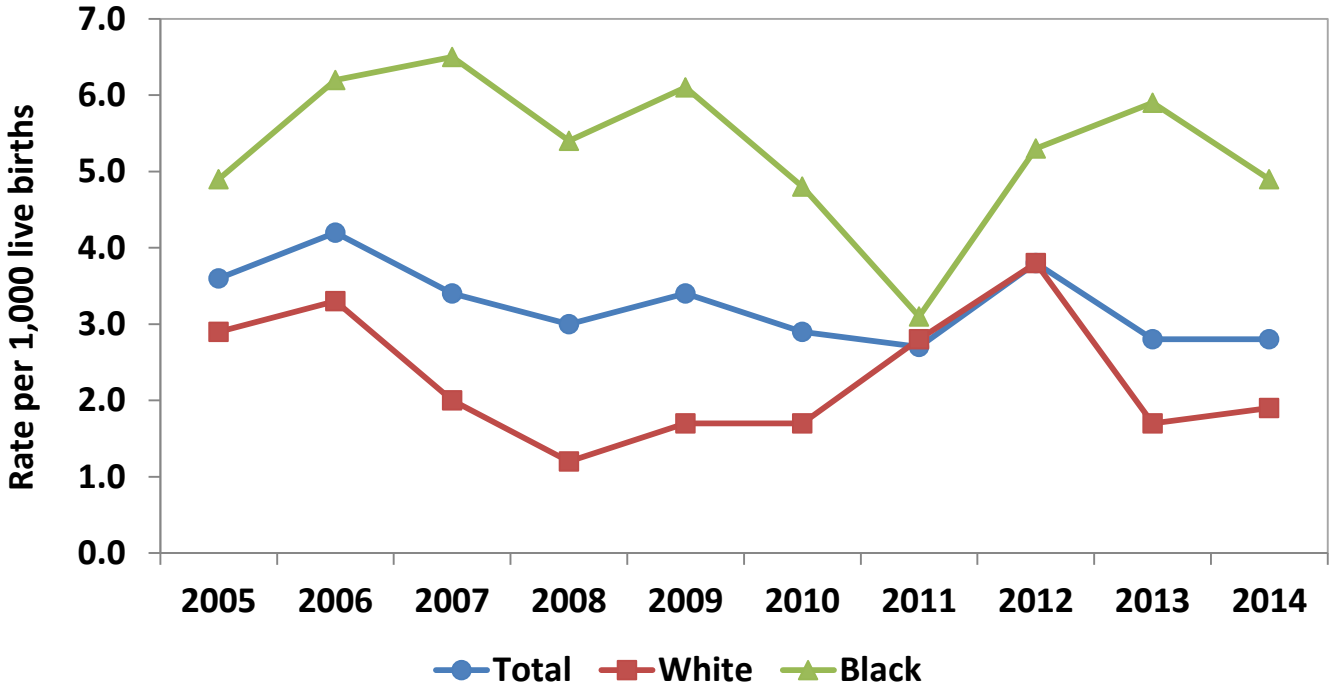
Post-Neonatal Mortality Rates by Race
Elkhart County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	3.2*	3.9*	2.5*	3.8*	2.8*	2.0*	3.4*	3.3*	2.7*	2.9*
White	2.5*	3.1*	2.2*	2.6*	1.4*	1.1*	2.3*	3.1*	2.1*	2.3*
Black	14.0*	12.0*	4.0*	19.1*	17.7*	4.5*	9.1*	8.8*	8.5*	11.7*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

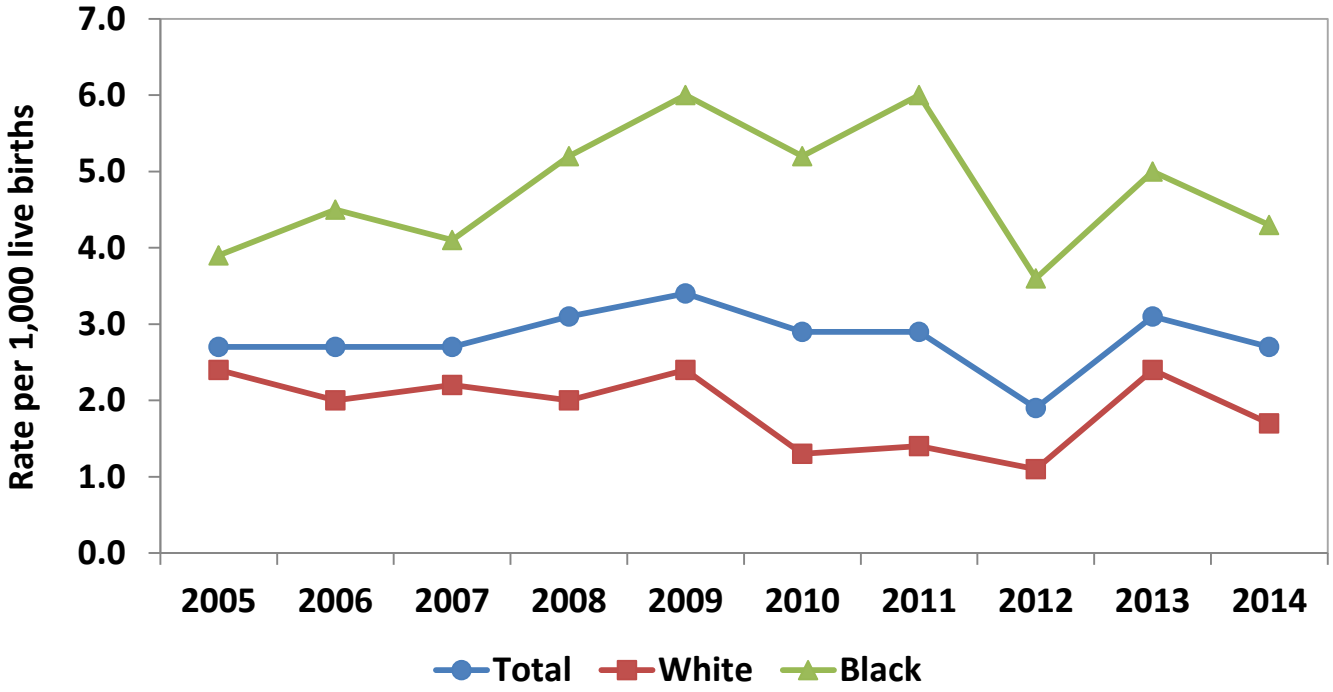
Post-Neonatal Mortality Rates by Race
Lake County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	3.6	4.2	3.4	3.0	3.4	2.9*	2.7*	3.8	2.8*	2.8*
White	2.9*	3.3*	2.0*	1.2*	1.7*	1.7*	2.8*	3.8*	1.7*	1.9*
Black	4.9*	6.2*	6.5*	5.4*	6.1*	4.8*	3.1*	5.3*	5.9*	4.9*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

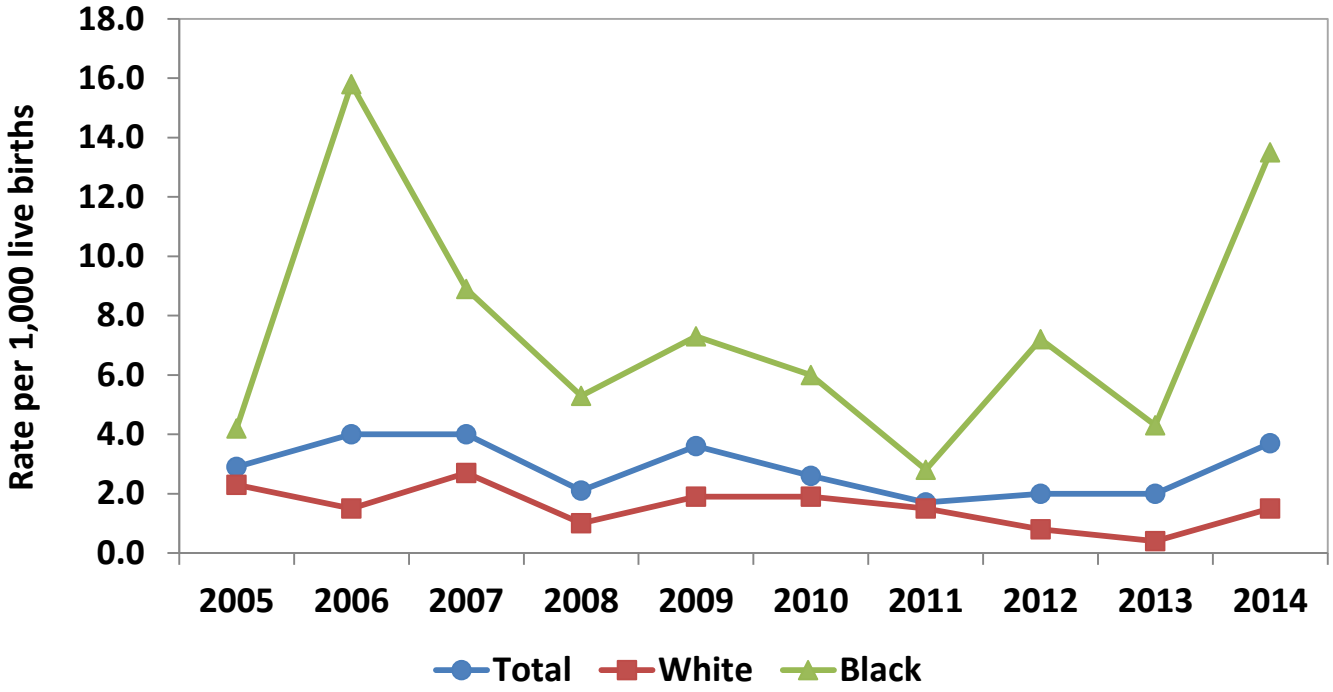
Post-Neonatal Mortality Rates by Race
Marion County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	2.7	2.7	2.7	3.1	3.4	2.9	2.9	1.9	3.1	2.7
White	2.4	2.0	2.2	2.0	2.4	1.3*	1.4*	1.1*	2.4*	1.7*
Black	3.9*	4.5	4.1*	5.2	6.0	5.2	6.0	3.6*	5.0	4.3

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

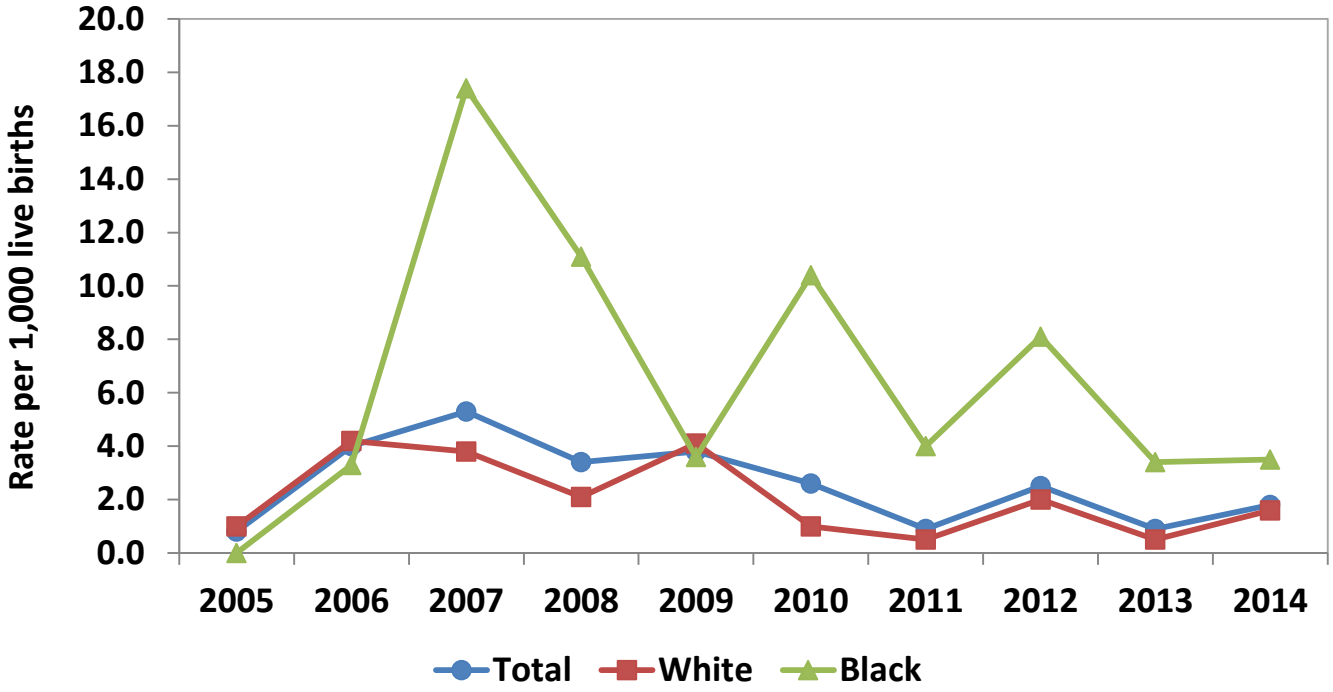
Post-Neonatal Mortality Rates by Race
St. Joseph County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	2.9*	4.0*	4.0*	2.1*	3.6*	2.6*	1.7*	2.0*	2.0*	3.7*
White	2.3*	1.5*	2.7*	1.0*	1.9*	1.9*	1.5*	0.8*	0.4*	1.5*
Black	4.2*	15.8*	8.9*	5.3*	7.3*	6.0*	2.8*	7.2*	4.3*	13.5*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Post-Neonatal Mortality Rates by Race
Vanderburgh County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	0.8*	4.0*	5.3*	3.4*	3.8*	2.6*	0.9*	2.5*	0.9*	1.8*
White	1.0*	4.2*	3.8*	2.1*	4.1*	1.0*	0.5*	2.0*	0.5*	1.6*
Black	0.0*	3.3*	17.4*	11.1*	3.6*	10.4*	4.0*	8.1*	3.4*	3.5*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Post-Neonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 2005 – 2014

	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014	
	Number	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	**Number**	***Rate***	***Number***	***Rate***
INDIANA	224	2.6	269	3.0	249	2.8	229	2.6	247	2.9	223	2.7	208	2.5	185	2.2	213	2.6	209	2.5
White	176	2.3	199	2.6	186	2.4	151	2.0	168	2.3	138	2.0	152	2.2	121	1.8	145	2.2	145	2.1
Black	43	4.4	62	6.0	57	5.5	58	5.5	61	6.0	64	6.4	47	4.7	56	5.6	55	5.5	55	5.3
Ratio		1.9		2.3		2.3		2.8		2.6		3.2		2.1		3.1		2.5		2.5
ALL RACES	104	2.8	131	3.4	115	3.1	114	3.1	124	3.4	101	2.9	85	2.4	83	2.4	97	2.8	97	2.8
Allen	15	2.8	20	3.6	13	2.4	17	3.1	18	3.3	19	3.6	7	1.3	9	1.7	18	3.5	14	2.7
Elkhart	11	3.2	14	3.9	9	2.5	13	3.8	9	2.8	6	2.0	10	3.4	10	3.3	8	2.7	9	2.9
Lake	25	3.6	29	4.2	23	3.4	20	3.0	23	3.4	19	2.9	17	2.7	23	3.8	17	2.8	17	2.8
Marion	40	2.7	42	2.7	42	2.7	48	3.1	52	3.4	42	2.9	43	2.9	28	1.9	45	3.1	40	2.7
St. Joseph	11	2.9	16	4.0	15	4.0	8	2.1	13	3.6	9	2.6	6	1.7	7	2.0	7	2.0	13	3.7
Vanderburgh	**	0.8	10	4.0	13	5.3	8	3.4	9	3.8	6	2.6	**	0.9	6	2.5	**	0.9	**	1.8
WHITE	65	2.4	73	2.6	62	2.2	50	1.9	58	2.2	34	1.4	40	1.7	37	1.6	40	1.8	44	1.9
Allen	11	2.5	13	2.9	7	1.6	10	2.4	10	2.4	5	1.2	6	1.5	**	0.0	8	2.1	9	2.3
Elkhart	8	2.5	10	3.1	7	2.2	8	2.6	**	1.4	**	1.1	6	2.3	8	3.1	5	2.1	6	2.3
Lake	13	2.9	15	3.3	9	2.0	5	1.2	7	1.7	7	1.7	10	2.8	13	3.8	6	1.7	7	1.9
Marion	24	2.4	21	2.0	23	2.2	20	2.0	24	2.4	12	1.3	13	1.4	10	1.1	19	2.4	15	1.7
St. Joseph	7	2.3	5	1.5	8	2.7	**	1.0	5	1.9	5	1.9	**	1.5	**	0.8	**	0.4	**	1.5
Vanderburgh	**	1.0	9	4.2	8	3.8	**	2.1	8	4.1	**	1.0	**	0.5	4	2.0	**	0.5	**	1.6
BLACK	37	4.4	56	6.3	50	5.8	54	6.1	56	6.5	54	6.3	38	4.6	44	5.3	46	5.5	47	5.5
Allen	**	5.2	7	8.1	6	6.8	7	7.6	7	8.0	13	15.7	**	1.2	9	10.8	7	8.8	5	6.0
Elkhart	**	14.0	**	12.0	**	4.0	5	19.1	**	17.7	**	4.5	**	9.1	**	8.8	**	8.5	**	11.7
Lake	11	4.9	14	6.2	14	6.5	12	5.4	13	6.1	10	4.8	6	3.1	10	5.3	11	5.9	9	4.9
Marion	16	3.9	20	4.5	18	4.1	23	5.2	26	6.0	23	5.2	26	6.0	16	3.6	22	5.0	20	43
St. Joseph	**	4.2	11	15.8	6	8.9	**	5.3	5	7.3	**	6.0	**	2.8	5	7.2	**	4.3	9	13.5
Vanderburgh	**	0.0	**	3.3	5	17.4	**	11.1	**	3.6	**	10.4	**	4.0	**	8.1	**	3.4	**	3.4
RATIO																				
Allen		2.1		2.8		4.3		3.2		3.3		13.1		0.8		N/A		4.2		2.6
Elkhart		5.6		3.9		1.8		7.3		12.6		4.1		4.0		2.8		4.0		5.2
Lake		1.7		1.9		3.3		4.5		3.6		2.8		1.1		1.4		3.5		2.6
Marion		1.6		2.3		1.9		2.6		2.5		4.0		4.3		3.3		2.1		2.6
St. Joseph		1.8		10.5		3.3		5.3		3.8		3.2		1.9		9.0		10.8		8.8
Vanderburgh		0.0		0.8		4.6		5.3		0.9		10.4		8.0		4.1		6.8		2.1

Rate per 1,000 live births.

**<5 deaths are suppressed, includes zero values

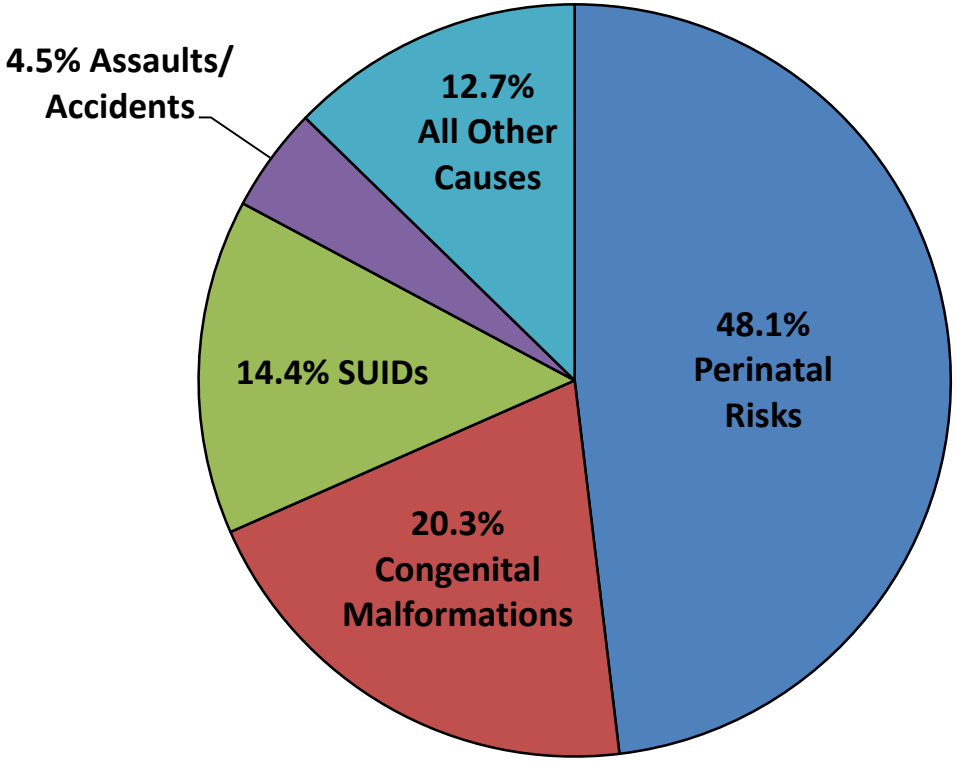
Shaded Area: Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Infant Mortality by Cause

Indiana Residents, 2014

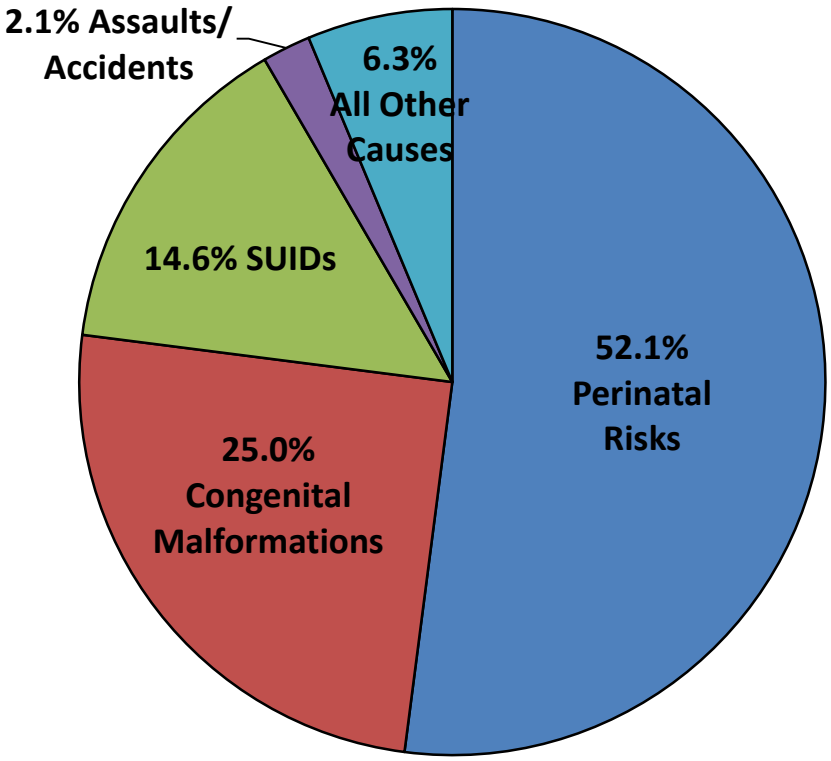


Notes: Perinatal risks are certain conditions originating in the perinatal period (low birthweight, preterm, premature rupture of membranes, bacterial sepsis of newborn, etc.). Congenital malformations and anomalies are physical defects present at birth that result from genetics, through exposure of the fetus to malforming agents, or are of unknown origin. Sudden Unexpected Infants Deaths (SUIDs) typically include sleep related infant deaths and unexpected deaths of no known cause after investigation. Assaults and other accidents include deaths related to homicide, neglect, and preventable accidents not included in the SUIDs category (inhalation, ingestion, falls, motor vehicle accidents, etc.). *For ICD-10 codes included in these categories, refer to Appendix A.*

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

Infant Mortality by Cause

Allen County Residents, 2014

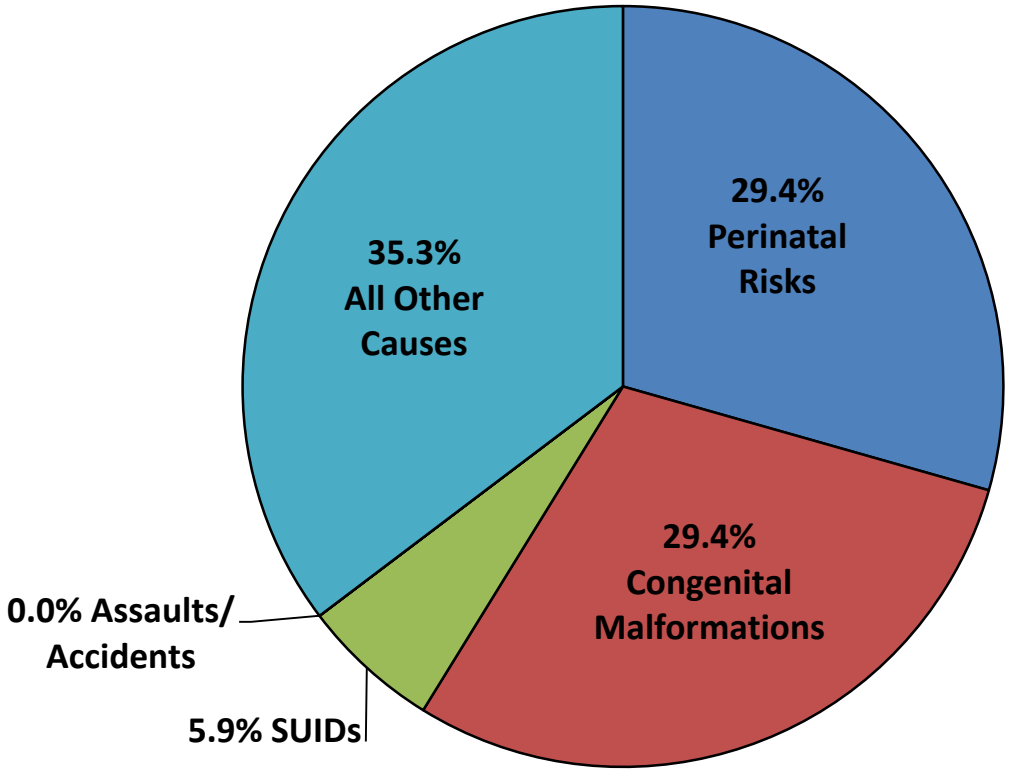


Notes: Perinatal risks are certain conditions originating in the perinatal period (low birthweight, preterm, premature rupture of membranes, bacterial sepsis of newborn, etc.). Congenital malformations and anomalies are physical defects present at birth that result from genetics, through exposure of the fetus to malforming agents, or are of unknown origin. Sudden Unexpected Infants Deaths (SUIDs) typically include sleep related infant deaths and unexpected deaths of no known cause after investigation. Assaults and other accidents include deaths related to homicide, neglect, and preventable accidents not included in the SUIDs category (inhalation, ingestion, falls, motor vehicle accidents, etc.). *For ICD-10 codes included in these categories, refer to Appendix A.*

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

Infant Mortality by Cause

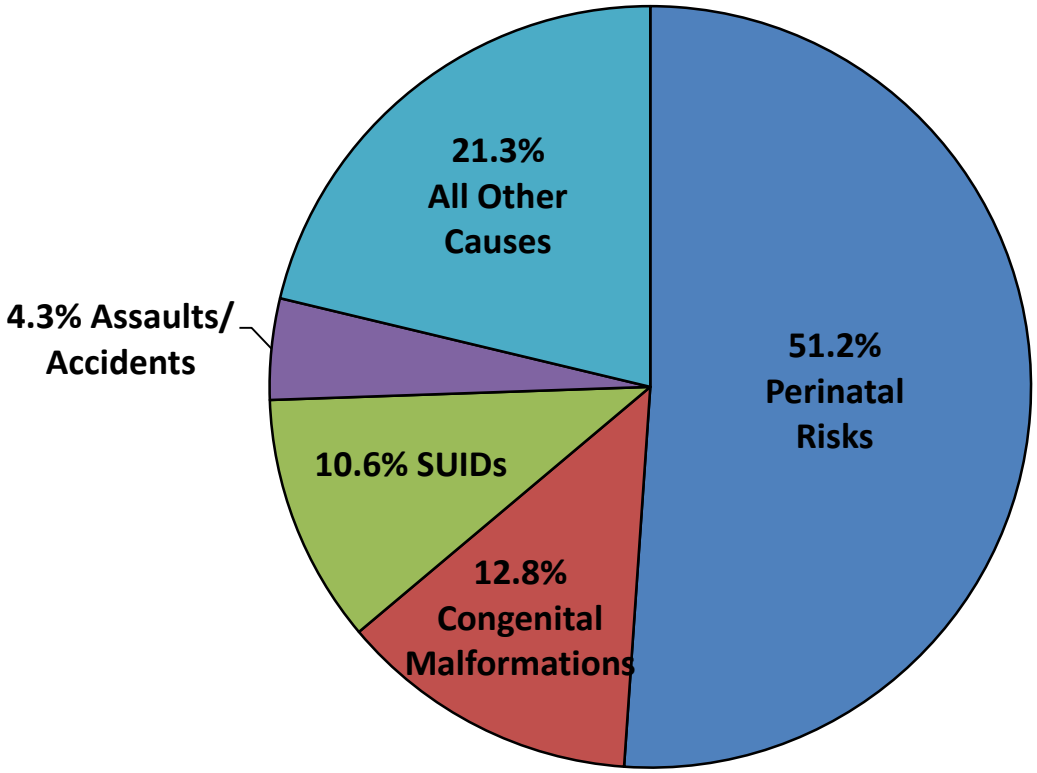
Elkhart County Residents, 2014



Notes: Perinatal risks are certain conditions originating in the perinatal period (low birthweight, preterm, premature rupture of membranes, bacterial sepsis of newborn, etc.). Congenital malformations and anomalies are physical defects present at birth that result from genetics, through exposure of the fetus to malforming agents, or are of unknown origin. Sudden Unexpected Infants Deaths (SUIDs) typically include sleep related infant deaths and unexpected deaths of no known cause after investigation. Assaults and other accidents include deaths related to homicide, neglect, and preventable accidents not included in the SUIDs category (inhalation, ingestion, falls, motor vehicle accidents, etc.). *For ICD-10 codes included in these categories, refer to Appendix A.*
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

Infant Mortality by Cause

Lake County Residents, 2014

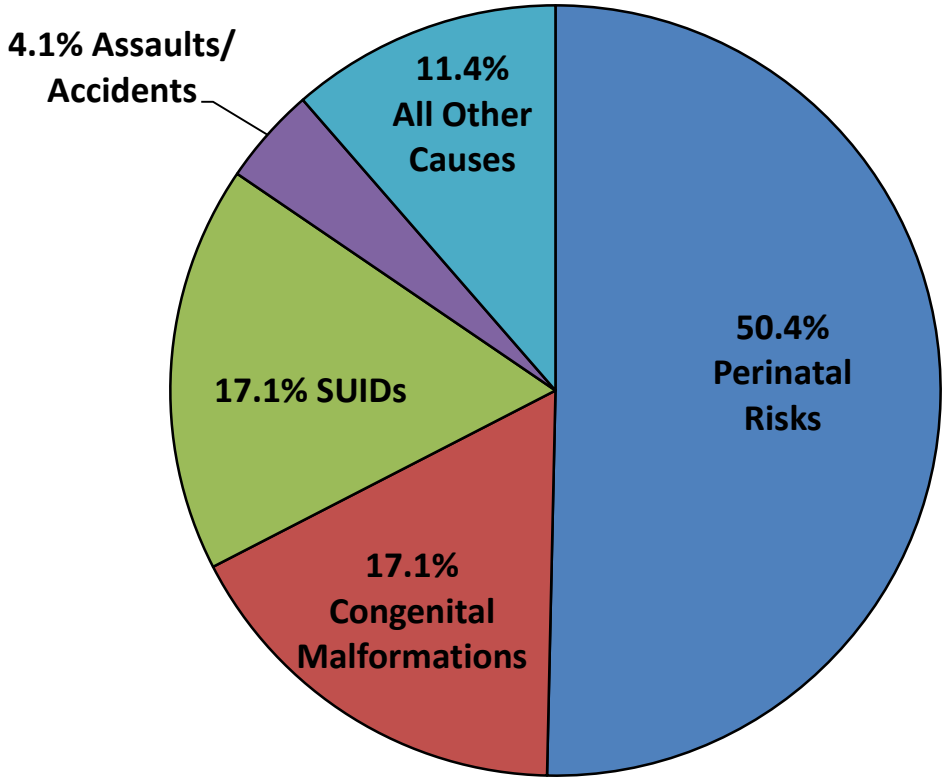


Notes: Perinatal risks are certain conditions originating in the perinatal period (low birthweight, preterm, premature rupture of membranes, bacterial sepsis of newborn, etc.). Congenital malformations and anomalies are physical defects present at birth that result from genetics, through exposure of the fetus to malforming agents, or are of unknown origin. Sudden Unexpected Infants Deaths (SUIDs) typically include sleep related infant deaths and unexpected deaths of no known cause after investigation. Assaults and other accidents include deaths related to homicide, neglect, and preventable accidents not included in the SUIDs category (inhalation, ingestion, falls, motor vehicle accidents, etc.). *For ICD-10 codes included in these categories, refer to Appendix A.*

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

Infant Mortality by Cause

Marion County Residents, 2014

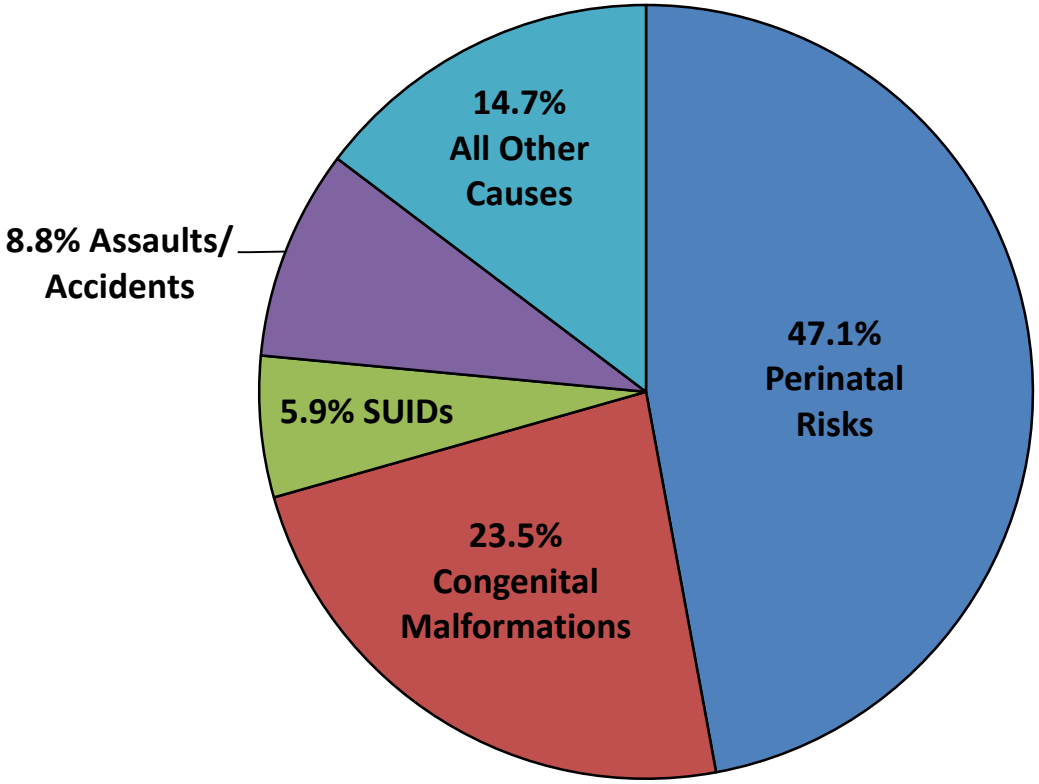


Notes: Perinatal risks are certain conditions originating in the perinatal period (low birthweight, preterm, premature rupture of membranes, bacterial sepsis of newborn, etc.). Congenital malformations and anomalies are physical defects present at birth that result from genetics, through exposure of the fetus to malforming agents, or are of unknown origin. Sudden Unexpected Infants Deaths (SUIDs) typically include sleep related infant deaths and unexpected deaths of no known cause after investigation. Assaults and other accidents include deaths related to homicide, neglect, and preventable accidents not included in the SUIDs category (inhalation, ingestion, falls, motor vehicle accidents, etc.). *For ICD-10 codes included in these categories, refer to Appendix A.*

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

Infant Mortality by Cause

St. Joseph County Residents, 2014

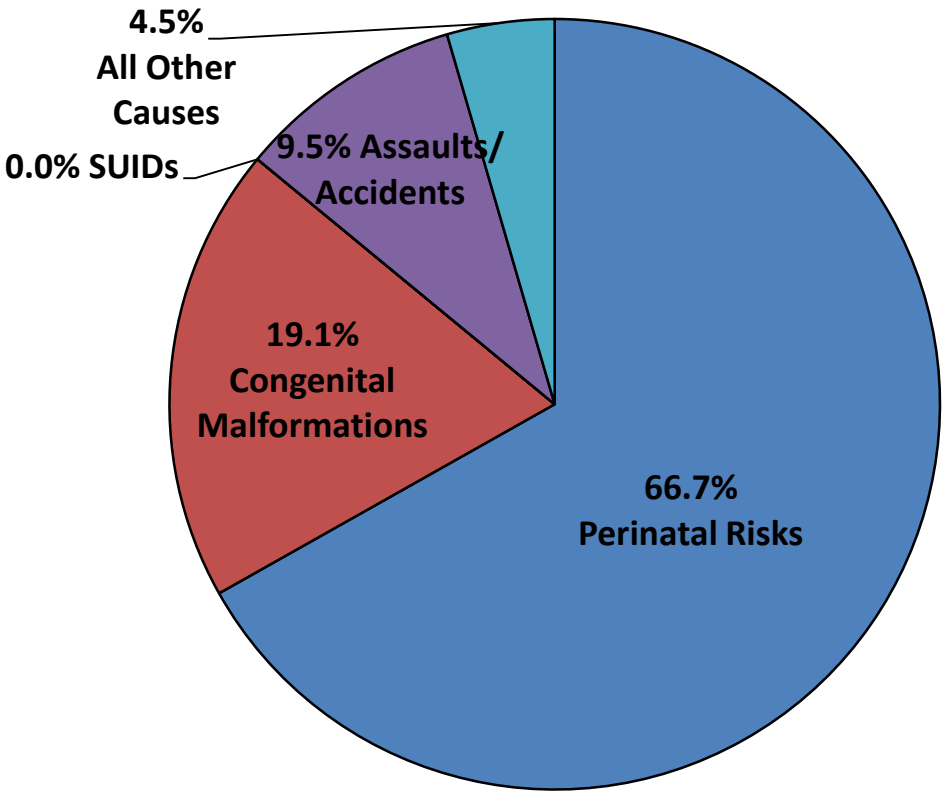


Notes: Perinatal risks are certain conditions originating in the perinatal period (low birthweight, preterm, premature rupture of membranes, bacterial sepsis of newborn, etc.). Congenital malformations and anomalies are physical defects present at birth that result from genetics, through exposure of the fetus to malforming agents, or are of unknown origin. Sudden Unexpected Infants Deaths (SUIDs) typically include sleep related infant deaths and unexpected deaths of no known cause after investigation. Assaults and other accidents include deaths related to homicide, neglect, and preventable accidents not included in the SUIDs category (inhalation, ingestion, falls, motor vehicle accidents, etc.). *For ICD-10 codes included in these categories, refer to Appendix A.*

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

Infant Mortality by Cause

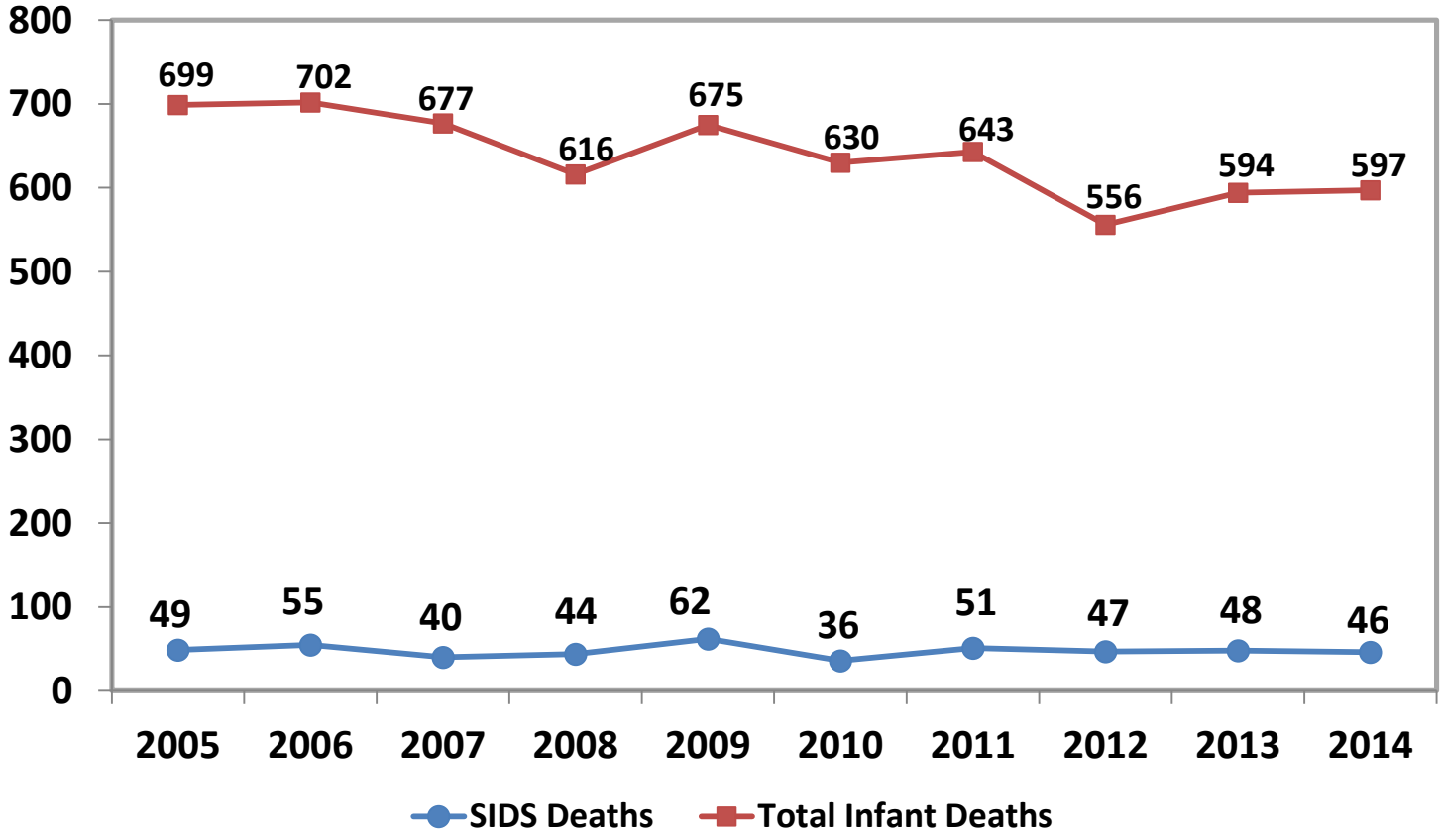
Vanderburgh County Residents, 2014



Notes: Perinatal risks are certain conditions originating in the perinatal period (low birthweight, preterm, premature rupture of membranes, bacterial sepsis of newborn, etc.). Congenital malformations and anomalies are physical defects present at birth that result from genetics, through exposure of the fetus to malforming agents, or are of unknown origin. Sudden Unexpected Infants Deaths (SUIDs) typically include sleep related infant deaths and unexpected deaths of no known cause after investigation. Assaults and other accidents include deaths related to homicide, neglect, and preventable accidents not included in the SUIDs category (inhalation, ingestion, falls, motor vehicle accidents, etc.). *For ICD-10 codes included in these categories, refer to Appendix A.*

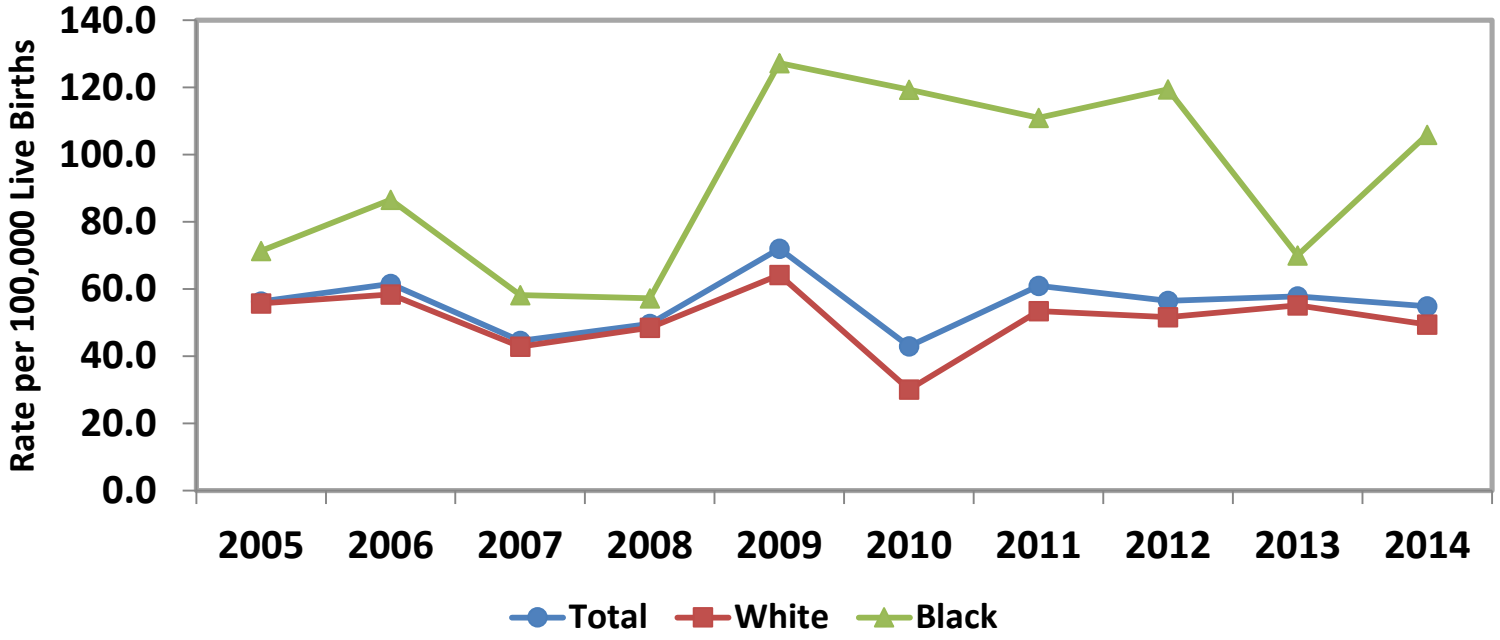
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

Number of SIDS^ Deaths
Indiana Residents, 2005 – 2014



^ Sudden Infant Death Syndrome (SIDS) ICD-10 Code R95
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

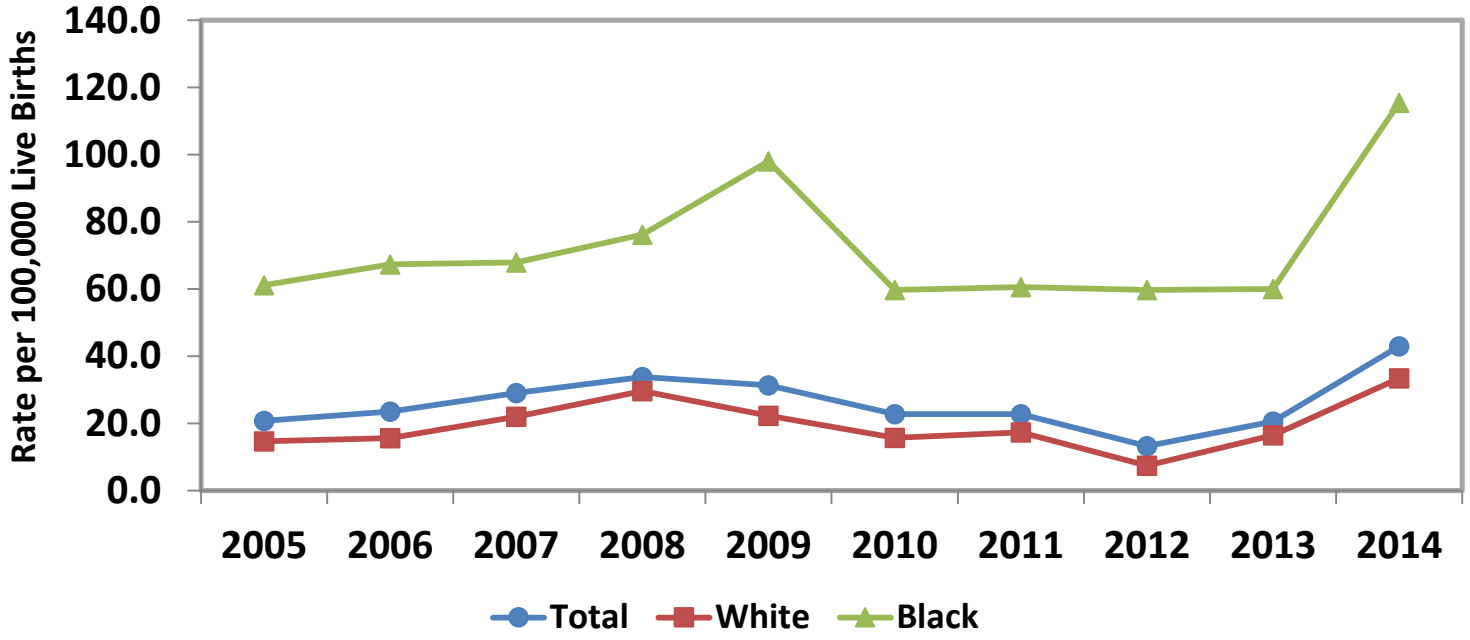
SIDS^ Mortality Rates by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	56.3	61.5	44.6	49.6	72.0	42.9	60.9	56.5	57.8	54.8
White	55.7	58.4	42.8	48.5	64.2	30.1	53.4	51.6	55.1	49.4
Black	71.3*	86.6*	58.2*	57.2*	127.3*	119.4*	111.0*	119.5*	70.0*	105.9*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
^ Sudden Infant Death Syndrome (SIDS) ICD-10 Code R95
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

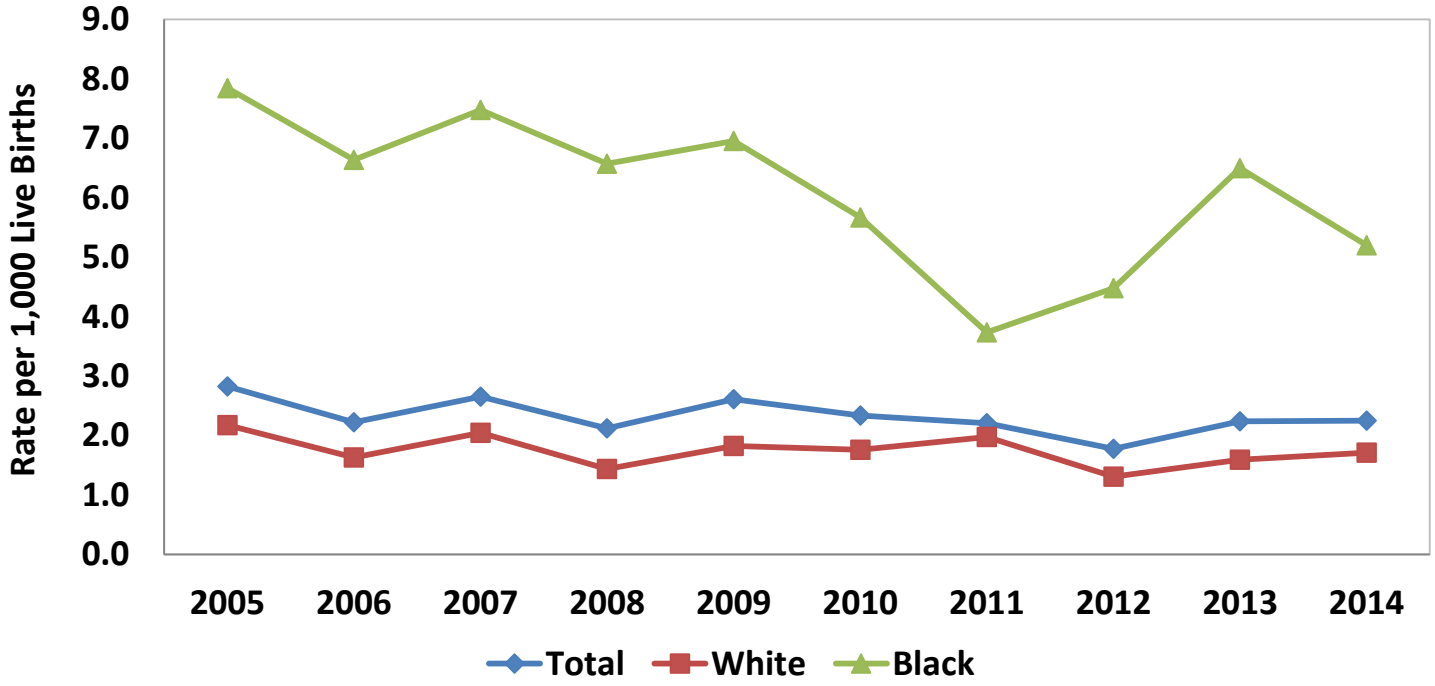
Suffocation^ Mortality Rates by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	20.7*	23.5	29.0	33.8	31.3	22.7*	22.7*	13.2*	20.5*	42.9
White	14.6*	15.6*	22.0*	29.6	22.3*	15.7*	17.3*	7.4*	16.4*	33.4
Black	61.1*	67.3*	67.9*	76.2*	98.0*	59.7*	60.6*	59.7*	60.0*	115.5*

* Numerator is less than 20; thus, the rate is unstable. We do not recommend comparing unstable rates.
^ Accidental Suffocation and Strangulation in Bed ICD-10 Code W75
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Preterm-Related Mortality* Rates by Race
Indiana Residents, 2005-2014



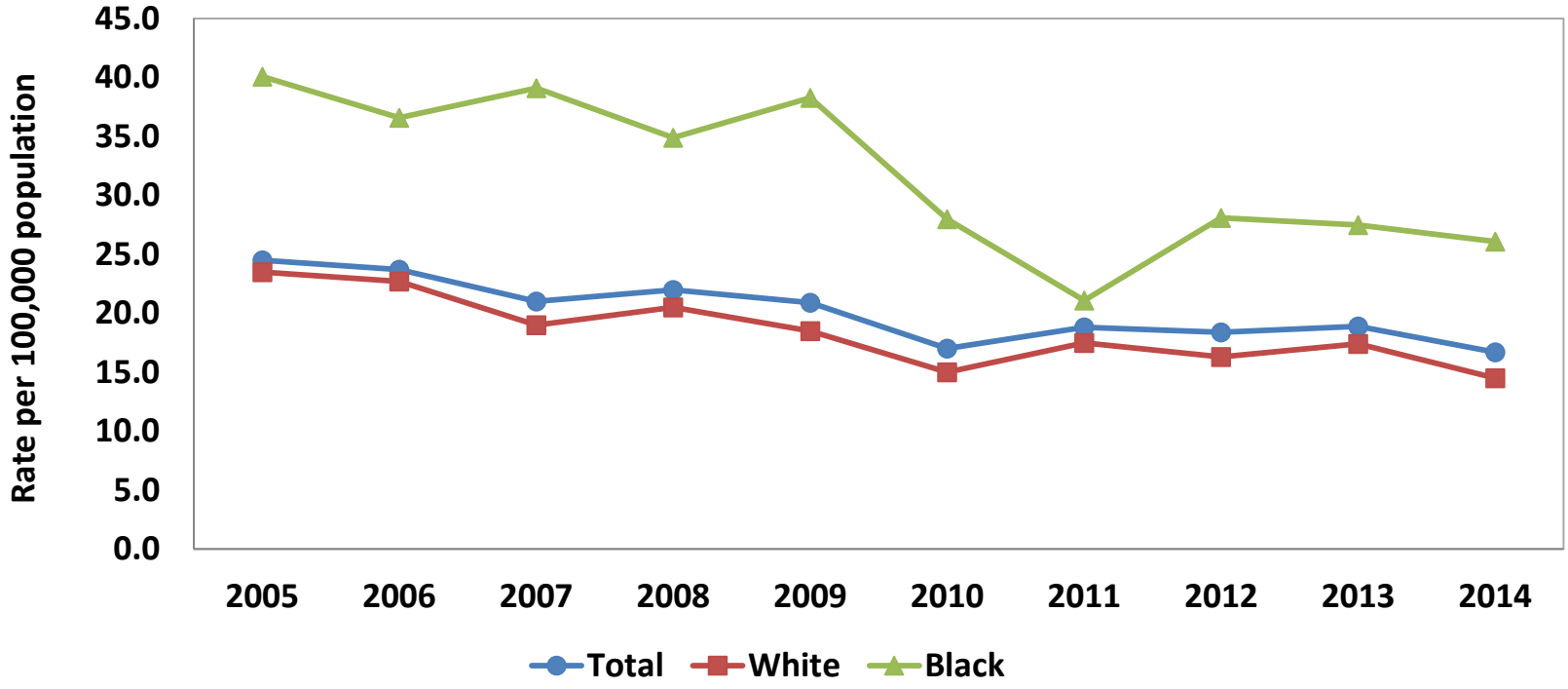
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	2.8	2.2	2.7	2.1	2.6	2.3	2.2	1.8	2.2	2.3
White	2.2	1.6	2.0	1.4	1.8	1.8	2.0	1.3	1.6	1.7
Black	7.8	6.6	7.5	6.6	7.0	5.7	3.7	4.5	6.5	5.2

*Preterm-Related Mortality ICD-10 Codes K550, P000, P010, P011, P015, P020, P021, P027, P070–P073, P102, P220–229, P250–279, P280, P281, P360–369, P520–523, and P77

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

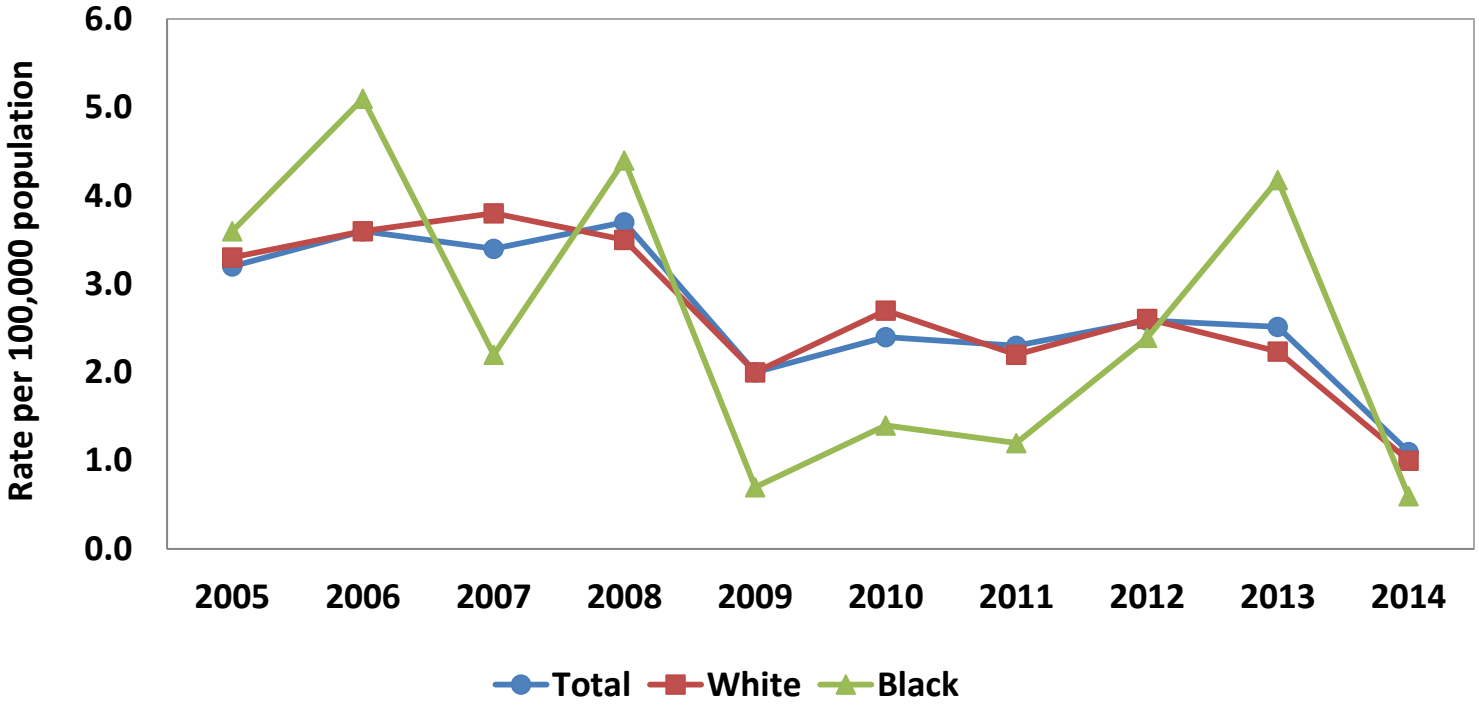
Mortality Rates for Youth Ages 1-14 Years by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	24.5	23.7	21.0	22.0	20.9	17.0	18.8	18.4	18.9	16.7
White	23.5	22.7	19.0	20.5	18.5	15.0	17.5	16.3	17.4	14.5
Black	40.1	36.6	39.1	34.9	38.3	28.0	21.1	28.1	27.5	26.1

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

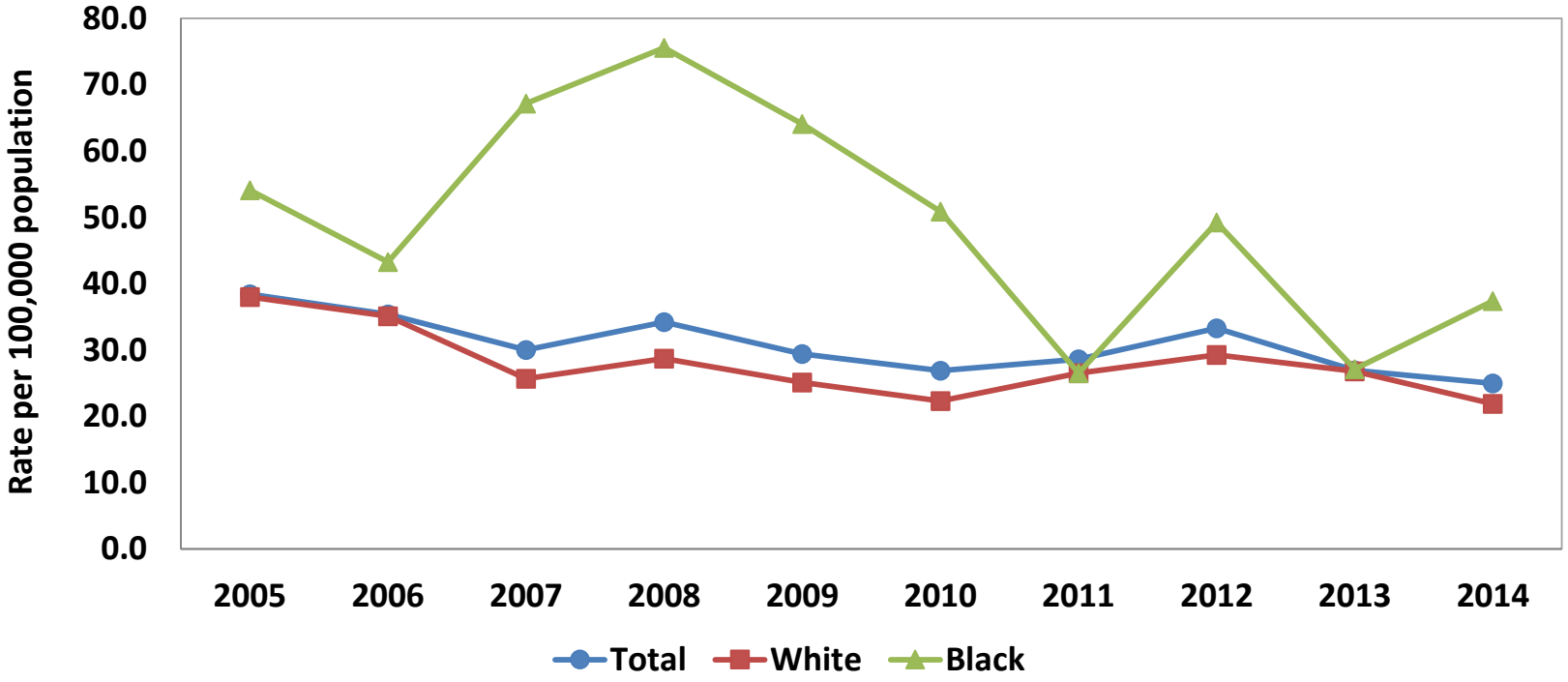
Motor Vehicle Injury Mortality Rates for Youth Ages 1-14 Years by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	3.2	3.6	3.4	3.7	2.0	2.4	2.3	2.6	2.5	1.1*
White	3.3	3.6	3.8	3.5	2.0	2.7	2.2	2.6	2.2	1.0*
Black	3.6*	5.1*	2.2*	4.4*	0.7*	1.4*	1.2*	2.4*	4.2*	0.6*

*Numerator is less than 20, and the rate is unstable.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

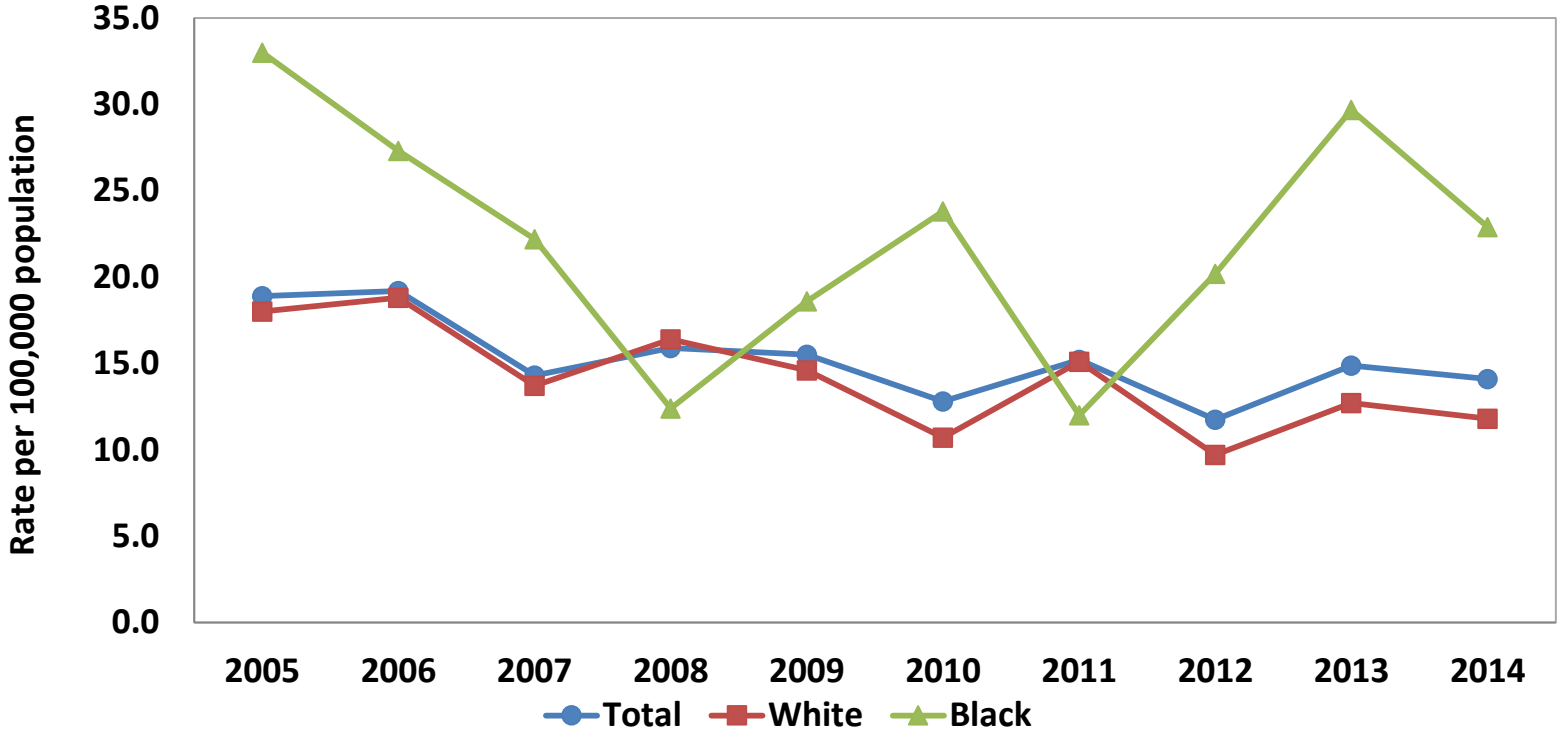
Mortality Rates for Youth Ages 1-4 Years by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	38.4	35.4	30.0	34.2	29.4	26.9	28.6	33.3	26.9	25.0
White	38.0	35.1	25.7	28.7	25.1	22.3	26.5	29.3	26.8	21.9
Black	54.1	43.3*	67.2	75.6	64.1	50.9	26.5*	49.2	27.1*	37.4*

*Numerator is less than 20, and the rate is unstable.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

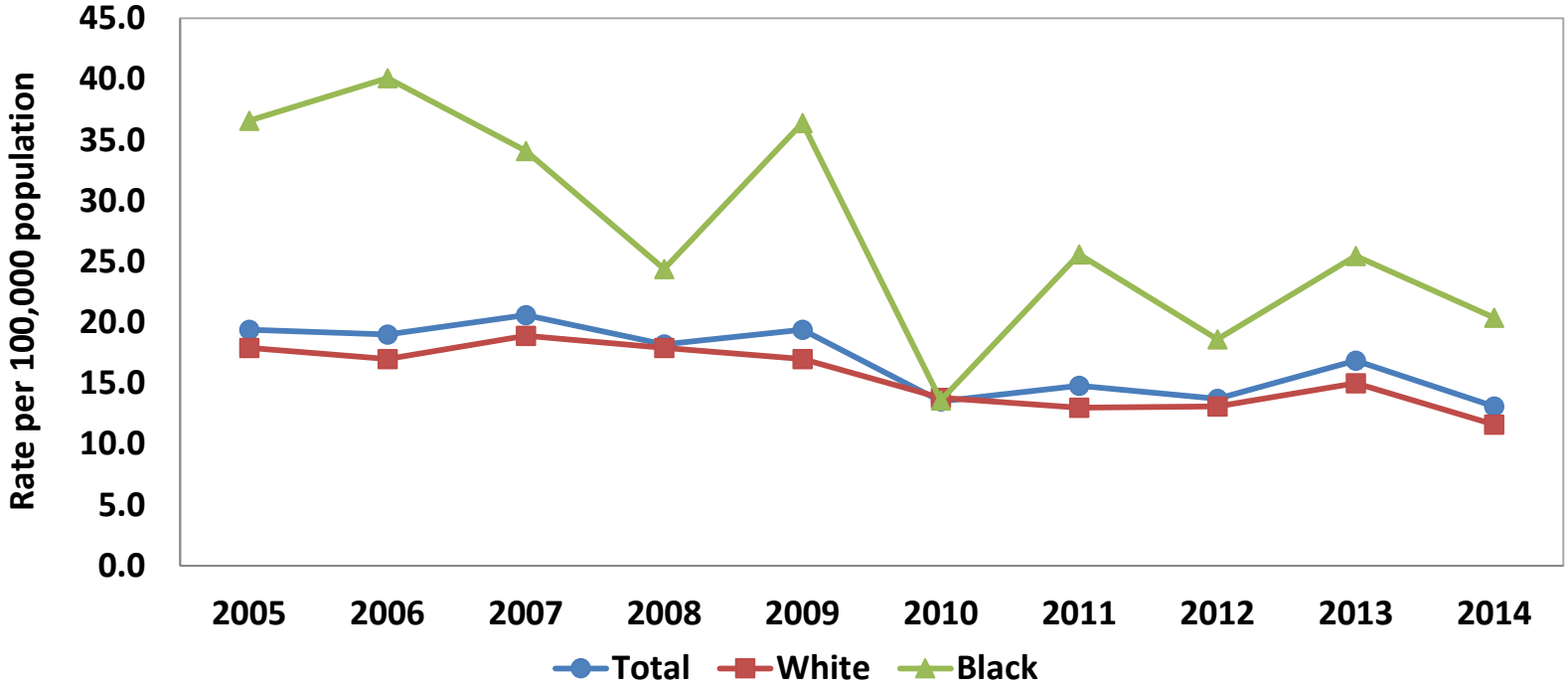
Mortality Rates for Youth Ages 5-9 Years by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	18.9	19.2	14.3	15.9	15.5	12.8	15.2	11.7	14.9	14.1
White	18.0	18.8	13.7	16.4	14.6	10.7	15.1	9.7	12.7	11.8
Black	33.0*	27.3*	22.2*	12.4*	18.6*	23.8*	12.0*	20.2*	29.7*	22.9*

*Numerator is less than 20, and the rate is unstable.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

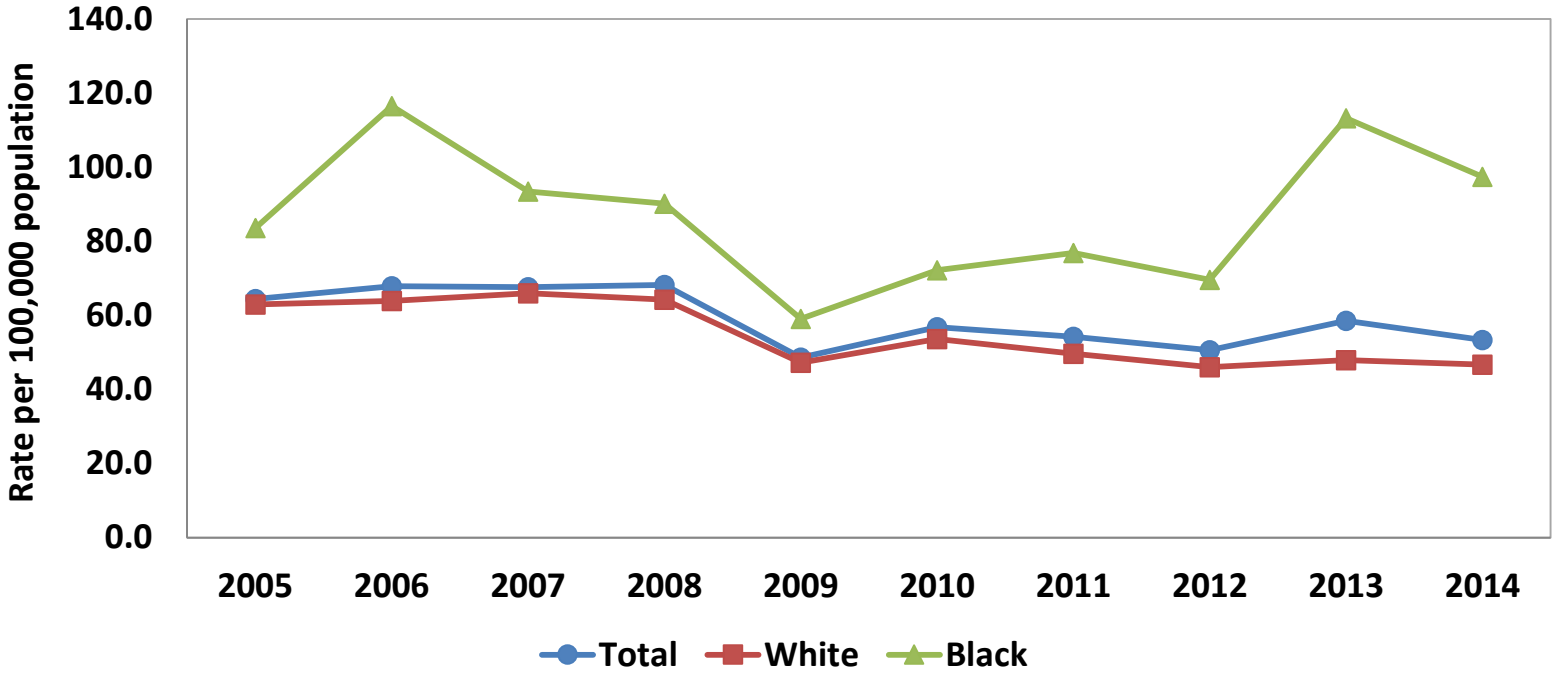
Mortality Rates for Youth Ages 10-14 Years by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	19.4	19.0	20.6	18.2	19.4	13.5	14.8	13.7	16.8	13.1
White	17.9	17.0	18.9	17.9	17.0	13.8	13.0	13.1	15.0	11.6
Black	36.6*	40.1	34.1*	24.4*	36.4*	13.6*	25.6*	18.6*	25.5*	20.4*

*Numerator is less than 20, and the rate is unstable.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

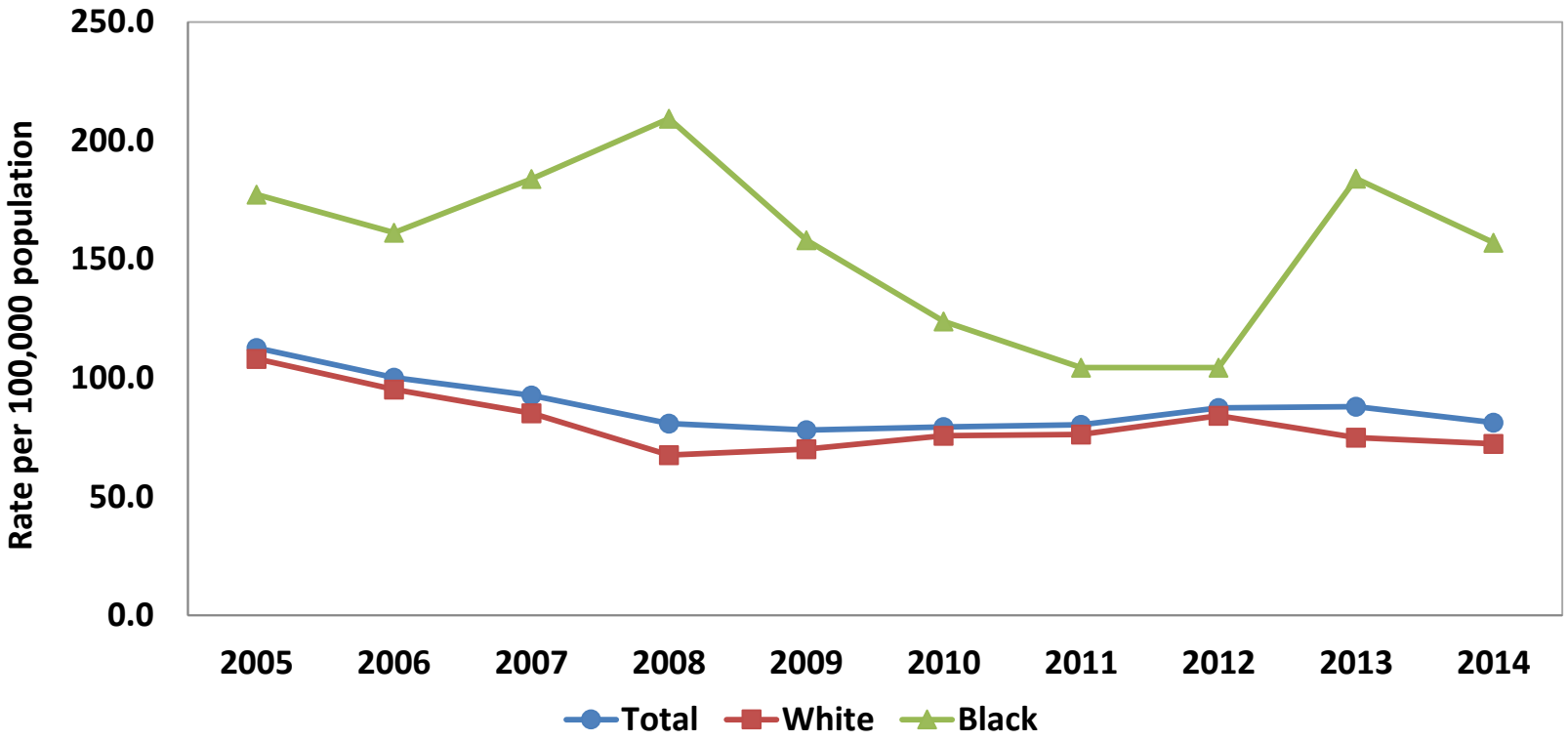
Mortality Rates for Youth Ages 15-19 Years by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	64.4	67.9	67.6	68.2	48.6	56.8	54.2	50.6	58.5	53.4
White	63.0	63.9	66.0	64.3	47.2	53.6	49.7	46.1	48.0	46.7
Black	83.6	116.5	93.5	90.2	59.1	72.2	76.9	69.6	113.3	97.4

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

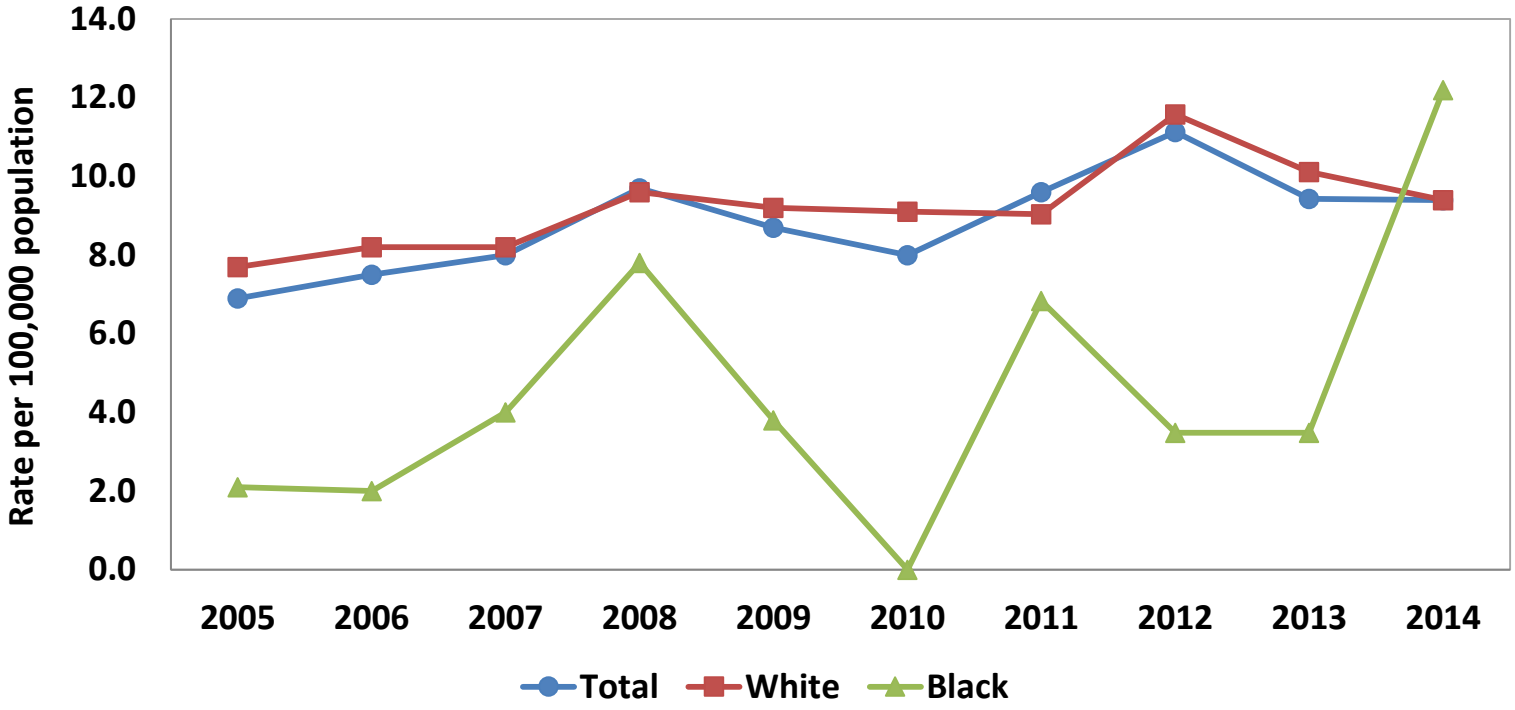
Mortality Rates for Young Adults Ages 20-21 Years by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	112.6	100.1	92.6	80.8	78.0	79.3	80.3	87.4	87.9	81.2
White	108.0	95.2	85.2	67.5	70.0	75.7	76.2	84.1	74.9	72.2
Black	177.3	161.2	183.9	209.3	158.1	123.8	104.4	104.3	184.1	157.0

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Suicide Mortality Rates for Youth Ages 15-19 Years by Race
Indiana Residents, 2005– 2014



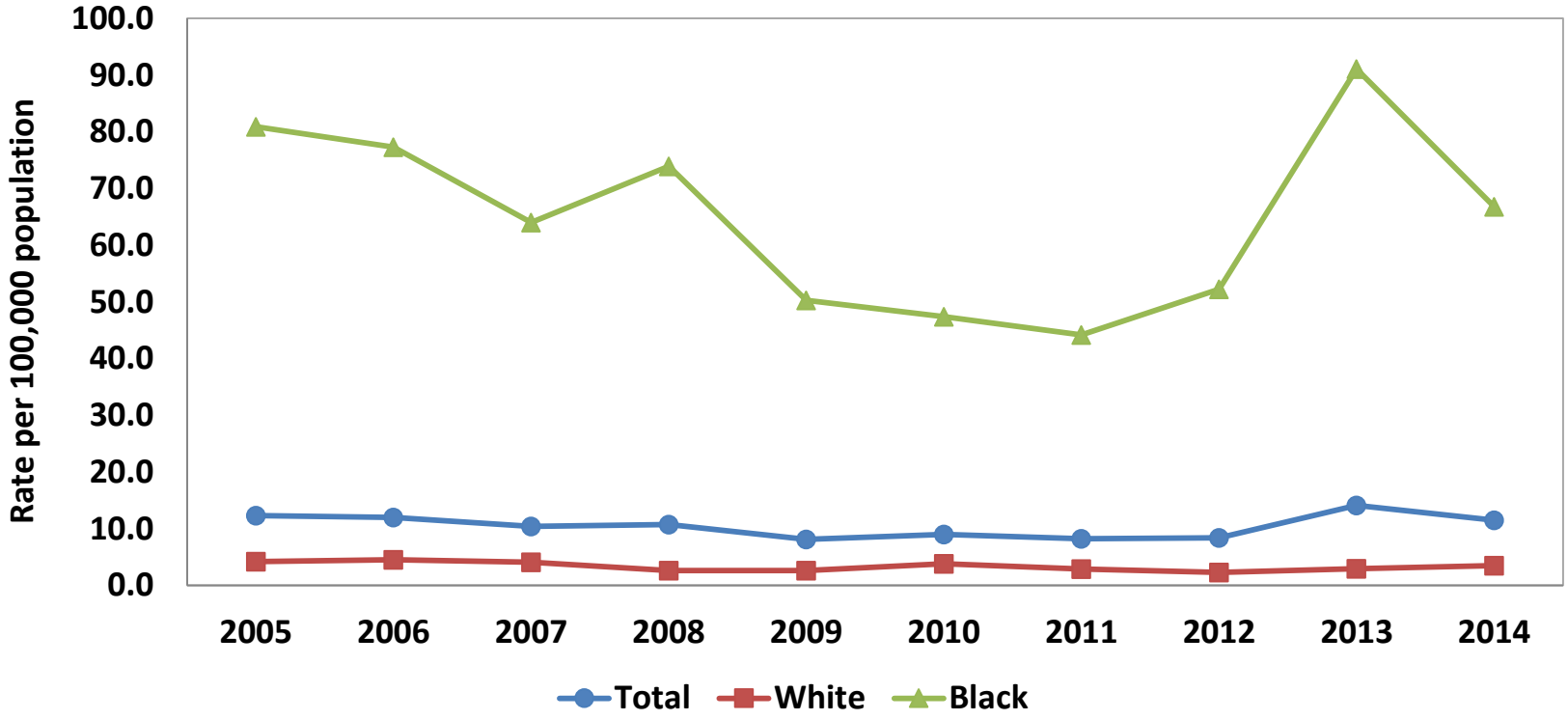
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	6.9	7.5	8.0	9.7	8.7	8.0	9.6	11.1	9.4	9.4
White	7.7	8.2	8.2	9.6	9.2	9.1	9.0	11.6	10.1	9.4
Black	2.1*	2.0*	4.0*	7.8*	3.8*	0.0*	6.8*	3.5*	3.5*	12.2*

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

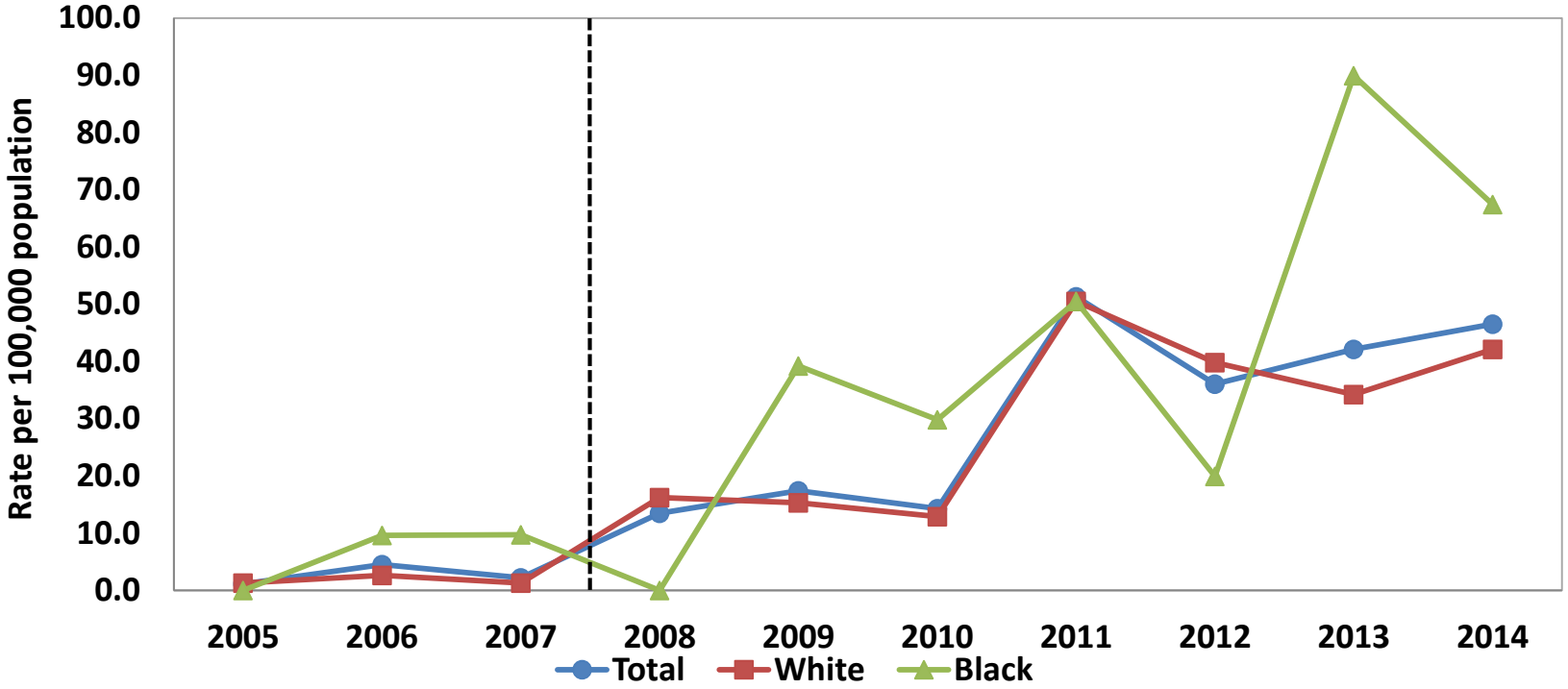
Homicide Mortality Rates for Ages 15-24 Years by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	12.3	12.0	10.4	10.7	8.1	9.0	8.2	8.4	14.1	11.5
White	4.2	4.5	4.1	2.6	2.6	3.8	2.9	2.3	2.9	3.5
Black	80.9	77.3	64.0	73.9	50.3	47.4	44.2	52.2	91.1	66.8

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Maternal Mortality Rates by Race
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	1.1*	4.5*	2.2*	13.5*	17.4*	14.3*	51.3	36.0	42.1	46.5
White	1.3*	2.6*	1.3*	16.2*	15.3*	12.9*	50.5	39.8	34.2	42.1
Black	0.0*	9.6*	9.7*	0.0*	39.2*	29.8*	50.5*	19.9*	89.9*	67.4*

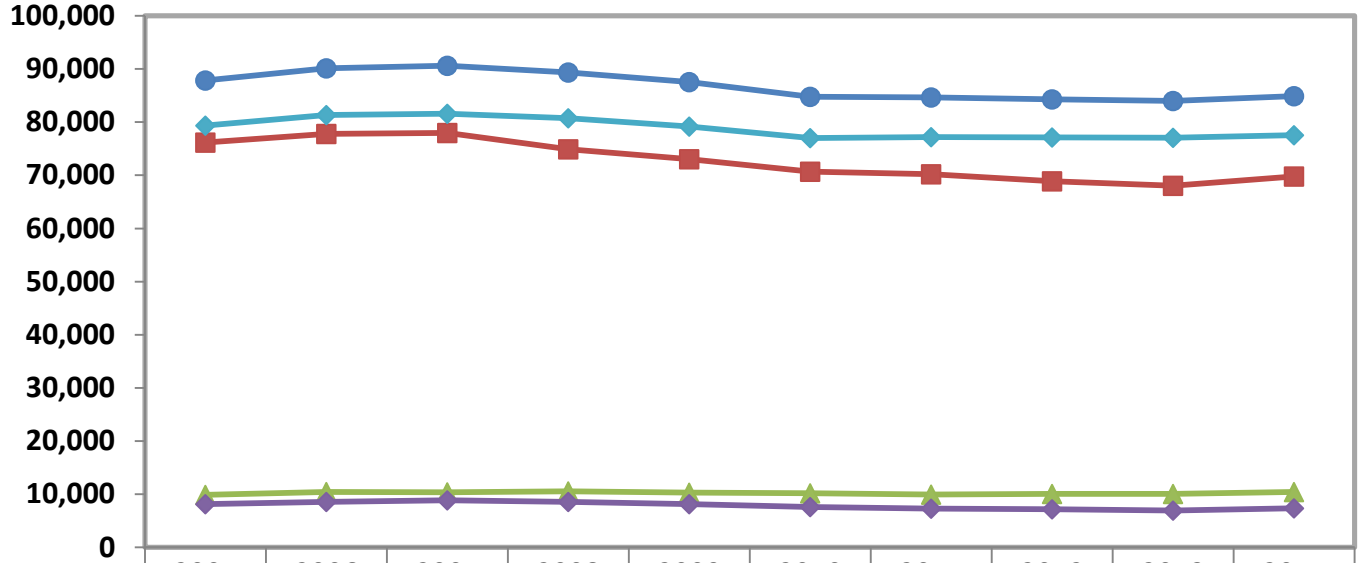
*Numerator is less than 20, and the rate is unstable.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

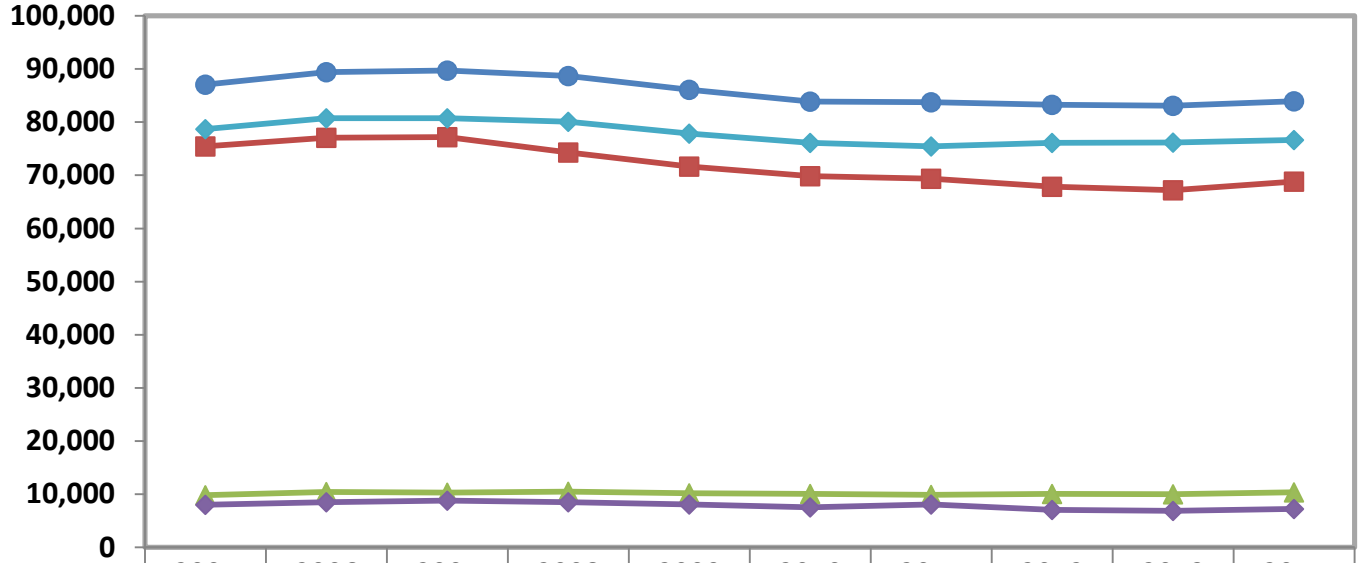
Number of Occurrent Live Births* by Race and Ethnicity
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	87,864	90,120	90,586	89,324	87,548	84,774	84,672	84,272	84,008	84,871
White	76,186	77,763	77,975	74,895	73,013	70,675	70,225	68,857	68,064	69,761
Black	9,882	10,451	10,371	10,571	10,310	10,168	9,949	10,076	10,042	10,414
Hispanic	8,125	8,567	8,858	8,561	8,161	7,622	7,298	7,148	6,961	7,332
Non-Hispanic	79,375	81,359	81,596	80,715	79,198	76,991	77,202	77,124	77,047	77,539

* Live births occurring in Indiana regardless of mother's state of residence.
Note: Hispanic ethnicity can be of any race.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

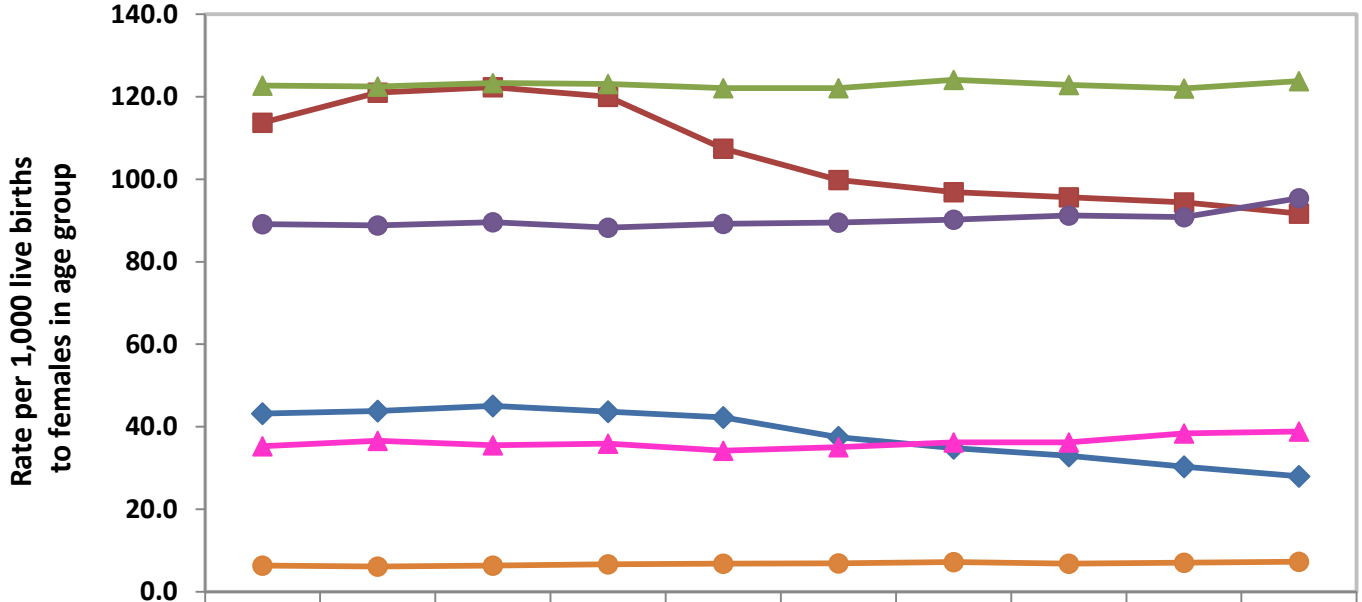
Number of Resident Live Births* by Race and Ethnicity
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	87,088	89,404	89,719	88,679	86,126	83,867	83,750	83,250	83,115	83,927
White	75,464	77,096	77,171	74,280	71,670	69,858	69,349	67,864	67,203	68,822
Black	9,820	10,396	10,303	10,496	10,209	10,052	9,908	10,043	10,006	10,390
Hispanic	8,026	8,488	8,785	8,510	8,072	7,558	8,105	7,033	6,864	7,224
Non-Hispanic	78,723	80,727	80,769	80,091	77,863	76,134	75,468	76,114	76,170	76,622

* Live births to Indiana residents regardless of state where mother gave birth.
Note: Hispanic ethnicity can be of any race.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

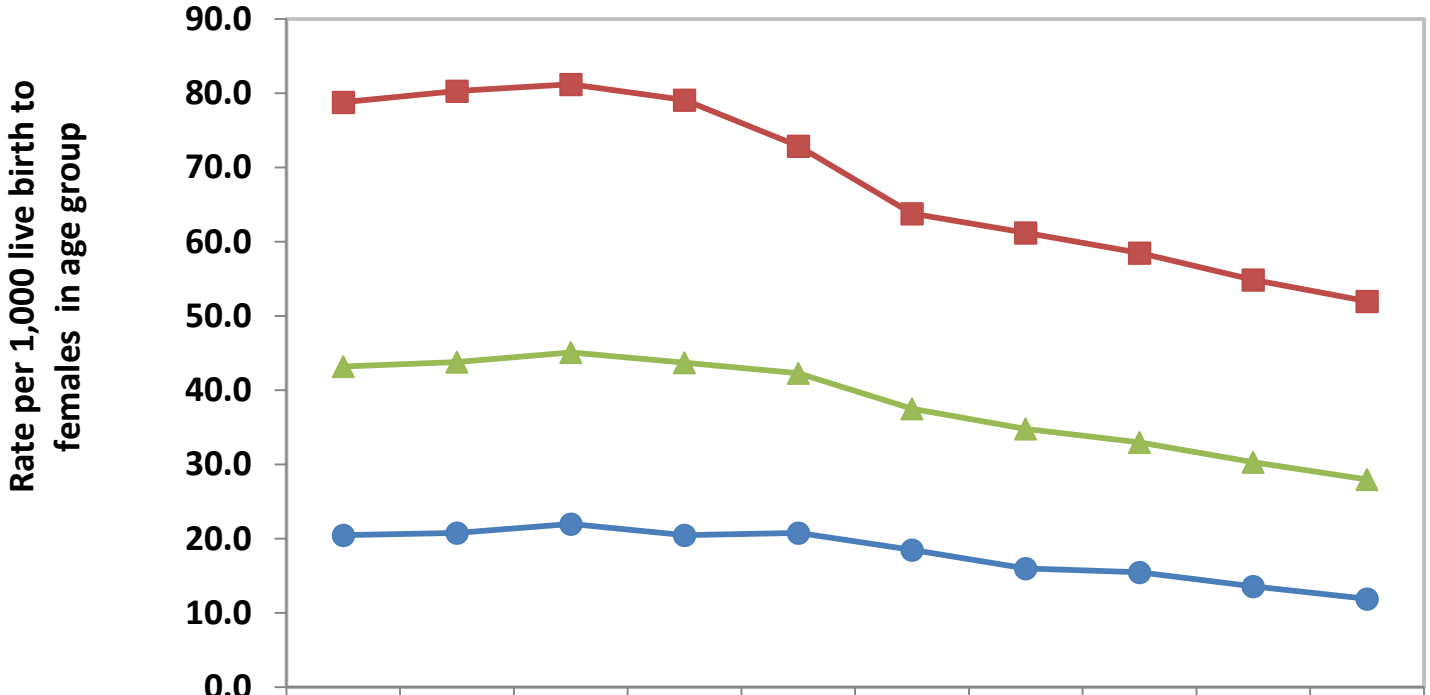
Age-Specific Birth Rates by Age of Mother
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
15-19 Years	43.2	43.8	45.1	43.7	42.3	37.5	34.8	33.0	30.3	28.0
20-24 Years	113.7	121.0	122.3	120.0	107.4	99.8	96.9	95.6	94.4	91.7
25-29 Years	122.7	122.5	123.3	123.1	122.1	122.1	124.1	122.9	122.0	123.8
30-34 Years	89.1	88.8	89.6	88.3	89.2	89.5	90.2	91.2	90.8	95.4
35-39 Years	35.3	36.6	35.5	35.9	34.2	35.1	36.2	36.2	38.4	38.9
40-44 Years	6.4	6.1	6.4	6.7	6.8	6.9	7.2	6.8	7.1	7.3

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

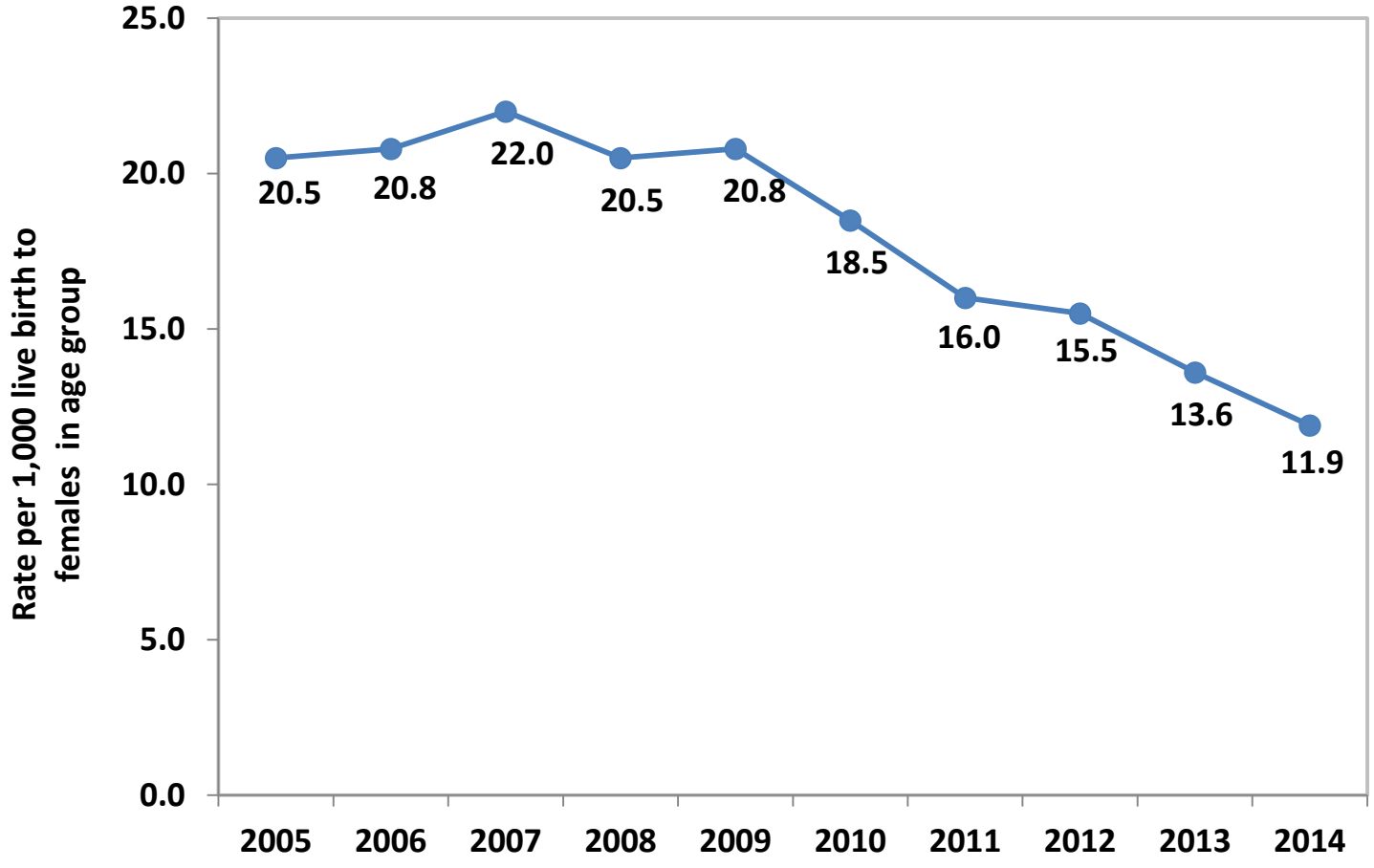
Age-Specific Birth Rates for Teen Mothers
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
15-17 Years	20.5	20.8	22.0	20.5	20.8	18.5	16.0	15.5	13.6	11.9
18-19 Years	78.8	80.3	81.2	79.1	72.9	63.8	61.2	58.5	54.9	52.0
15-19 Years	43.2	43.8	45.1	43.7	42.3	37.5	34.8	33.0	30.3	28.0

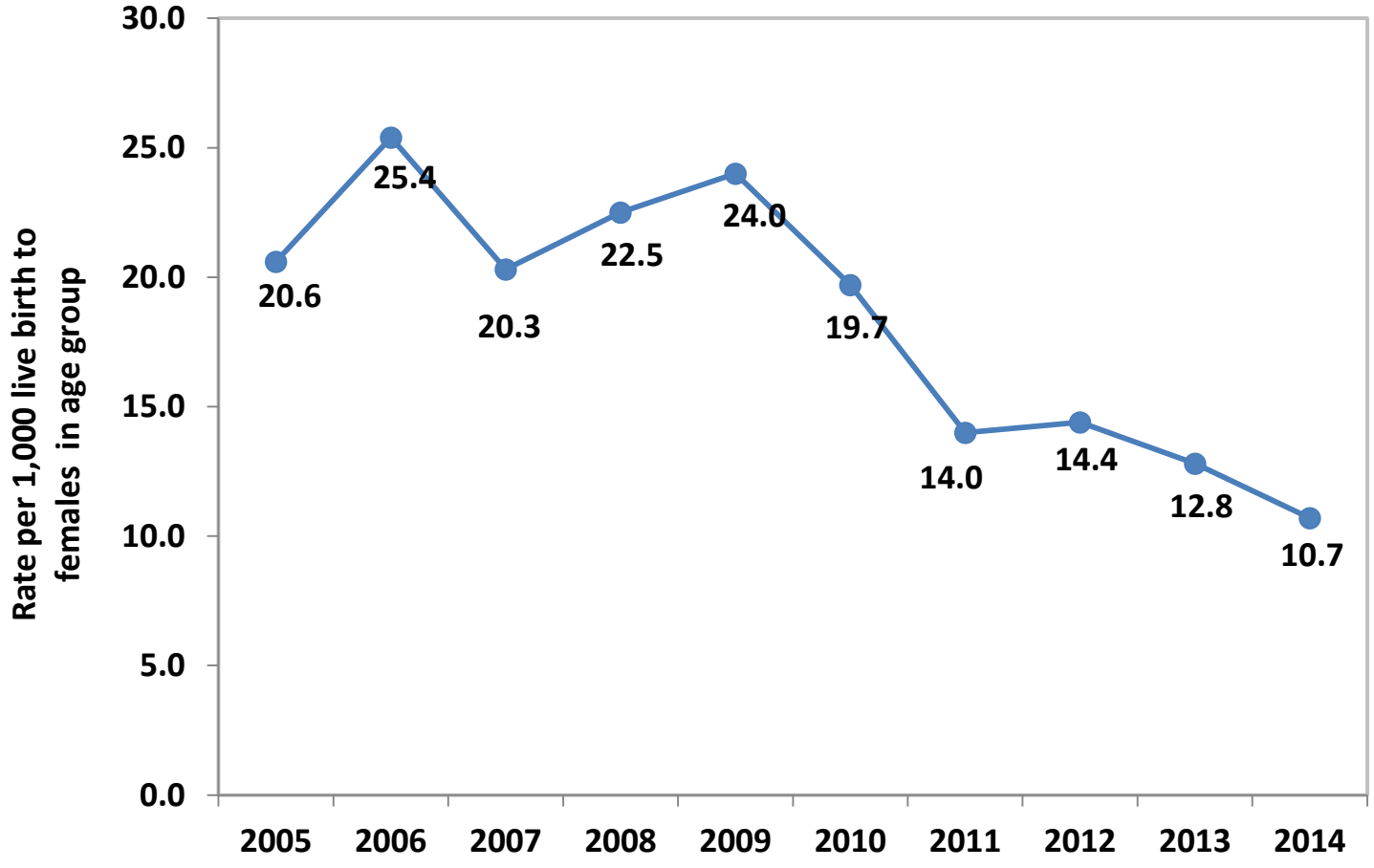
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Age-Specific Birth Rates for Ages 15-17 Years
Indiana Residents, 2005 – 2014



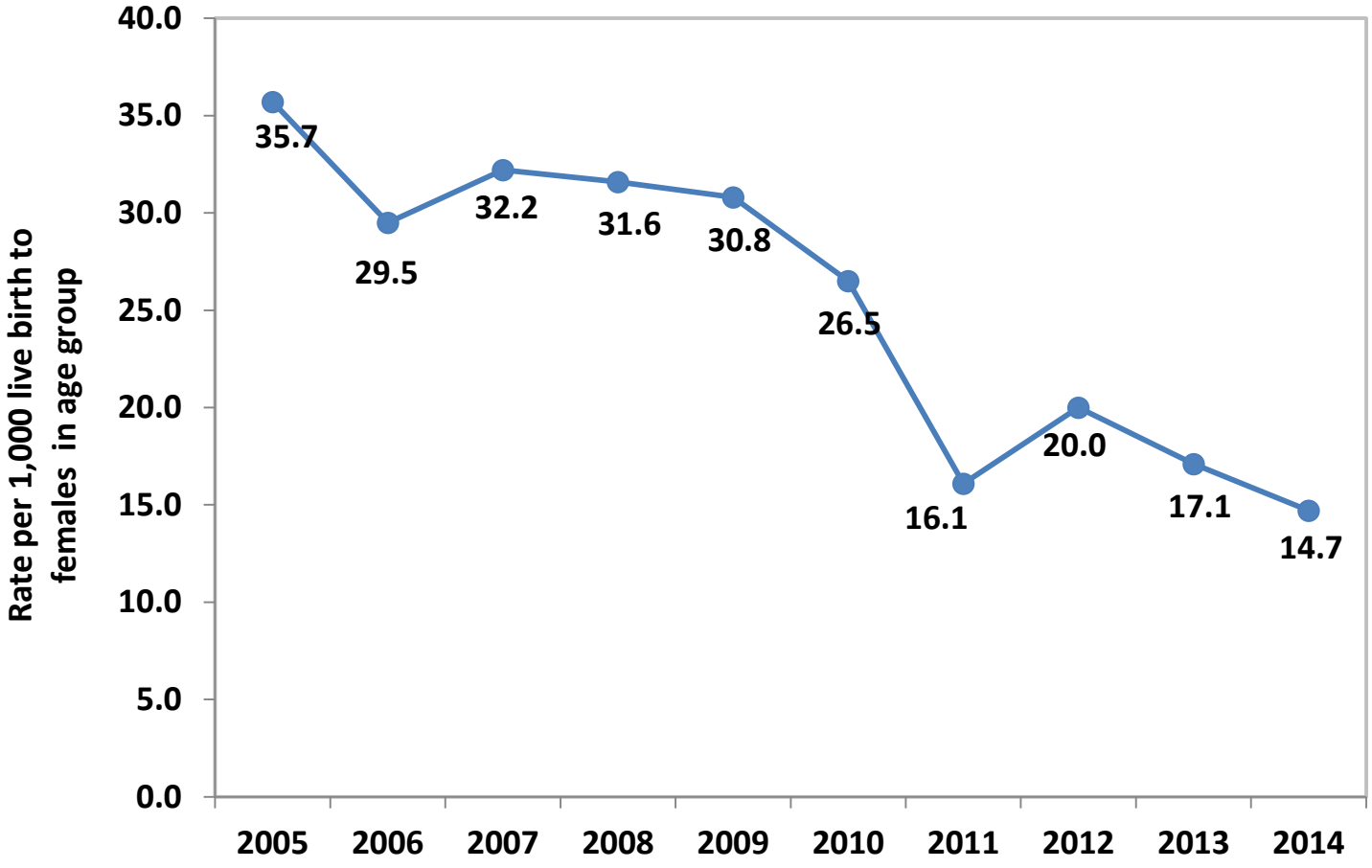
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Age-Specific Birth Rates for Ages 15-17 Years
Allen County Residents, 2005 – 2014



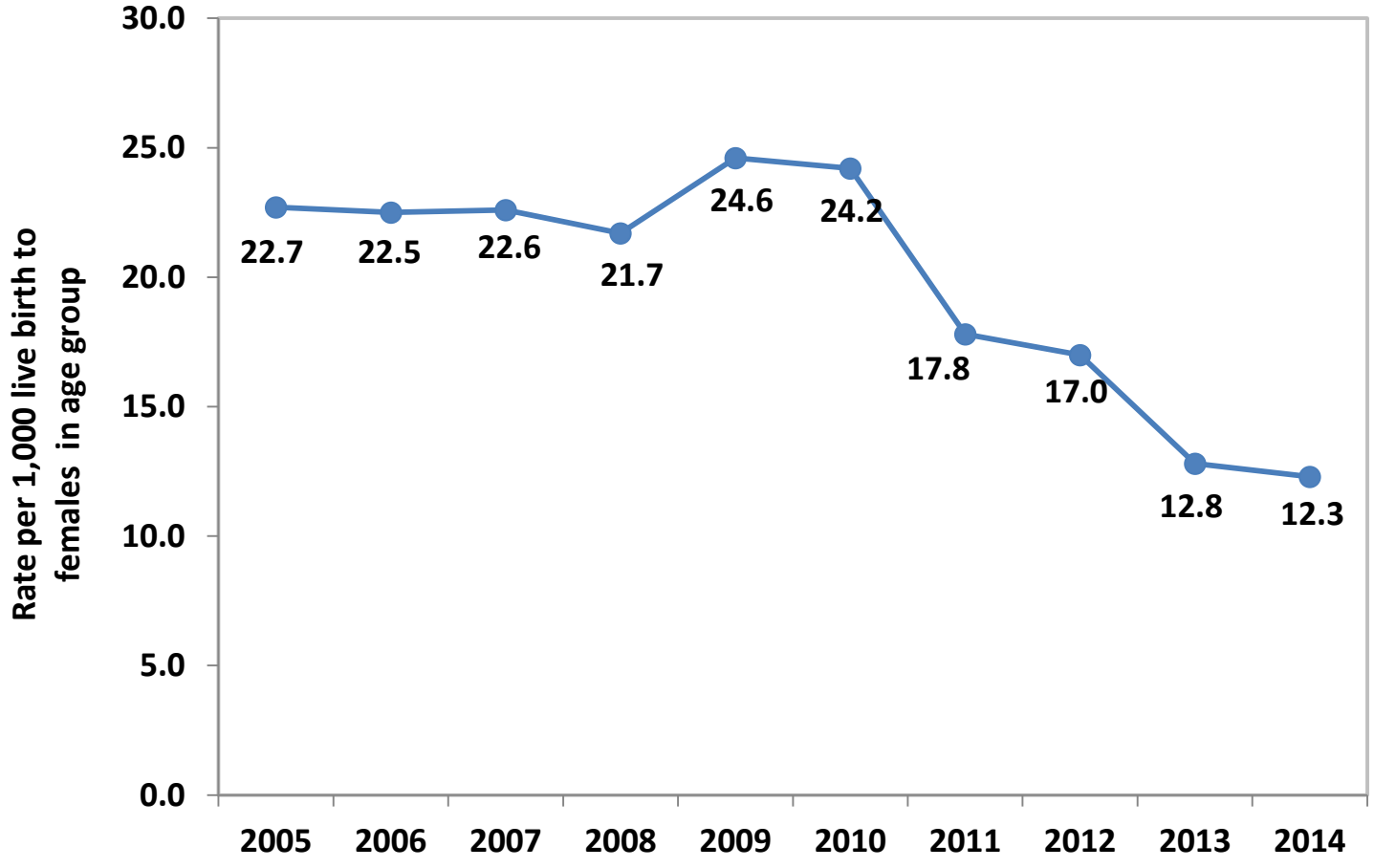
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Age-Specific Birth Rates for Ages 15-17 Years
Elkhart County Residents, 2005 – 2014

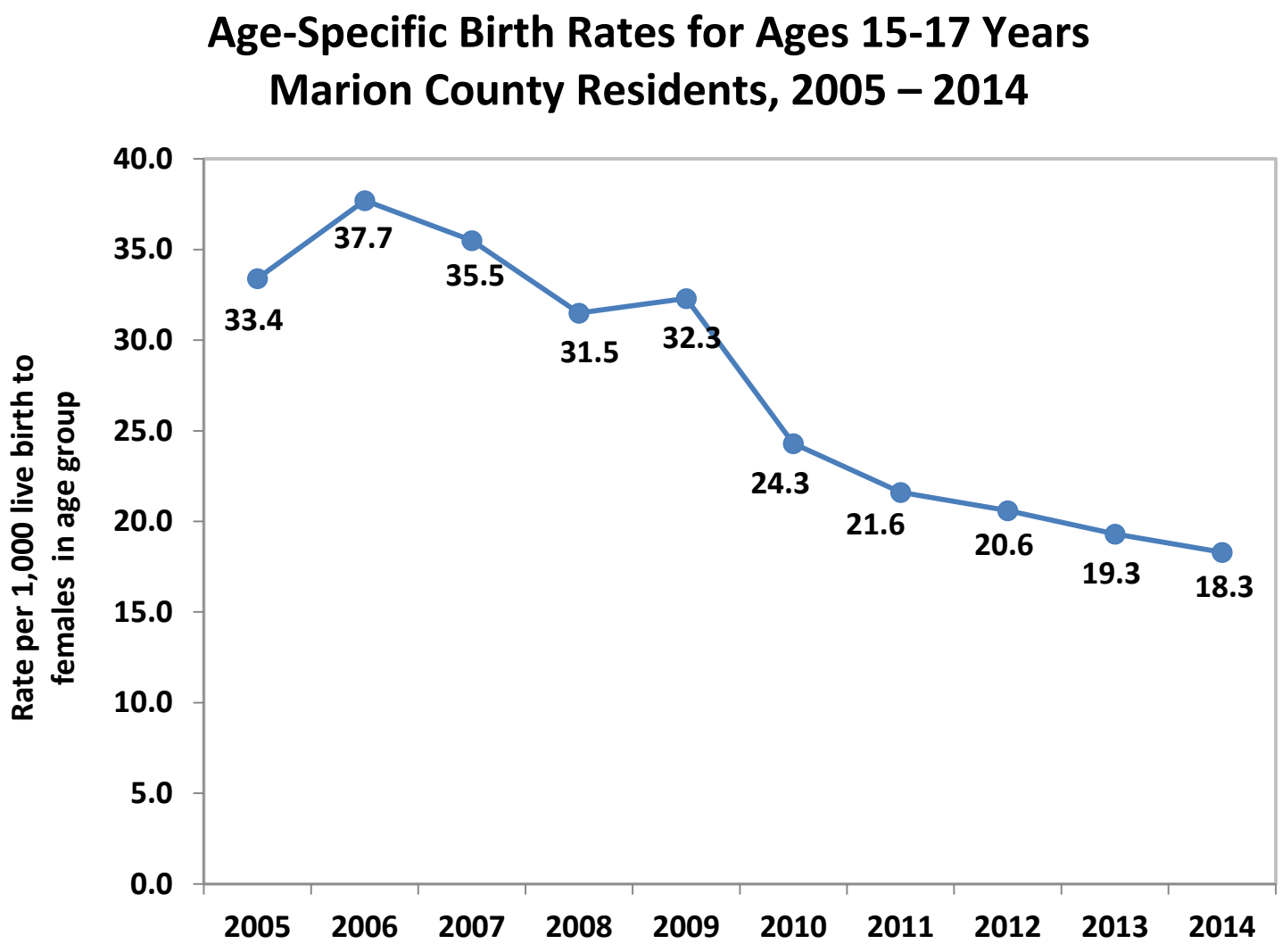


Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Age-Specific Birth Rates for Ages 15-17 Years
Lake County Residents, 2005 – 2014

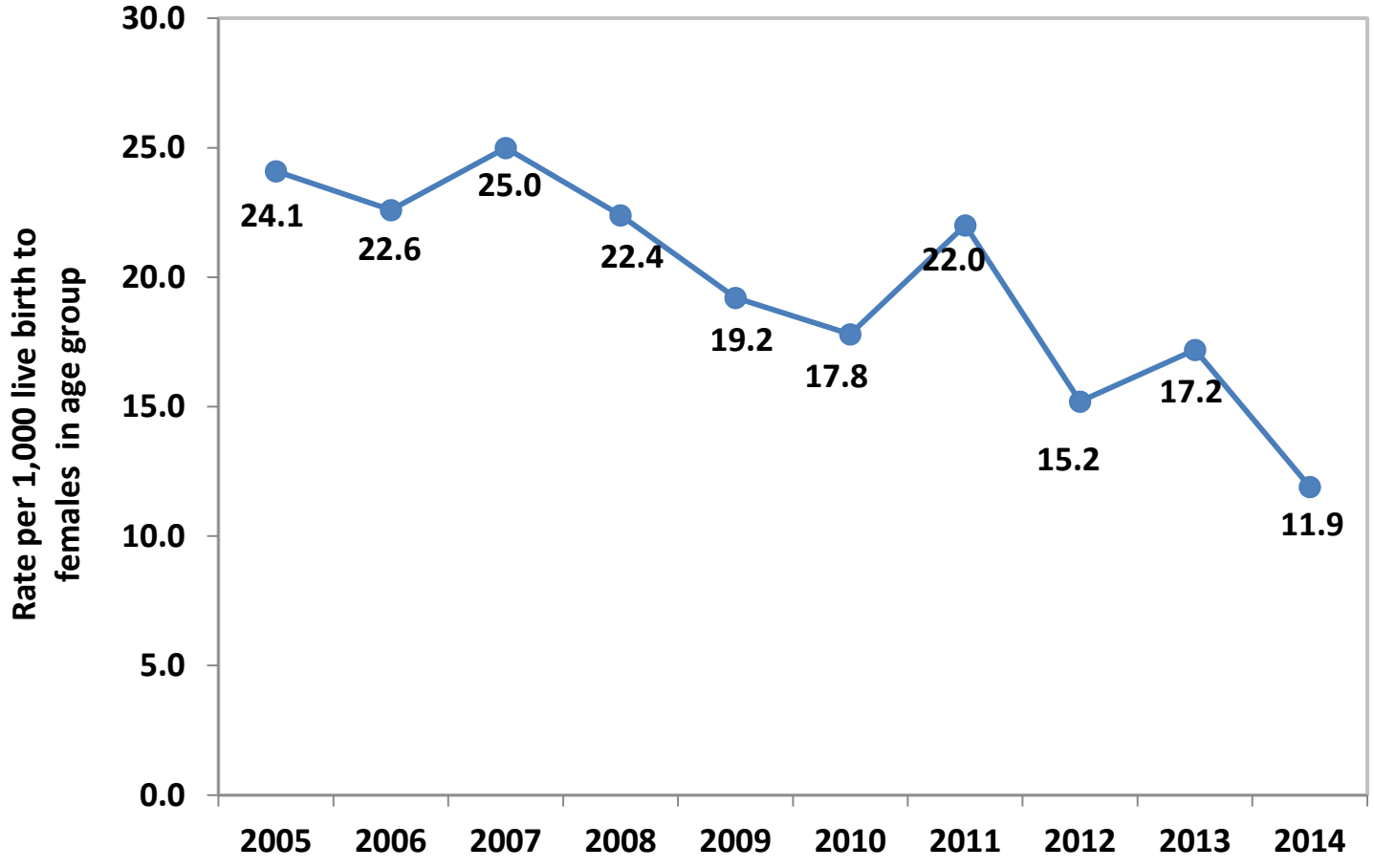


Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

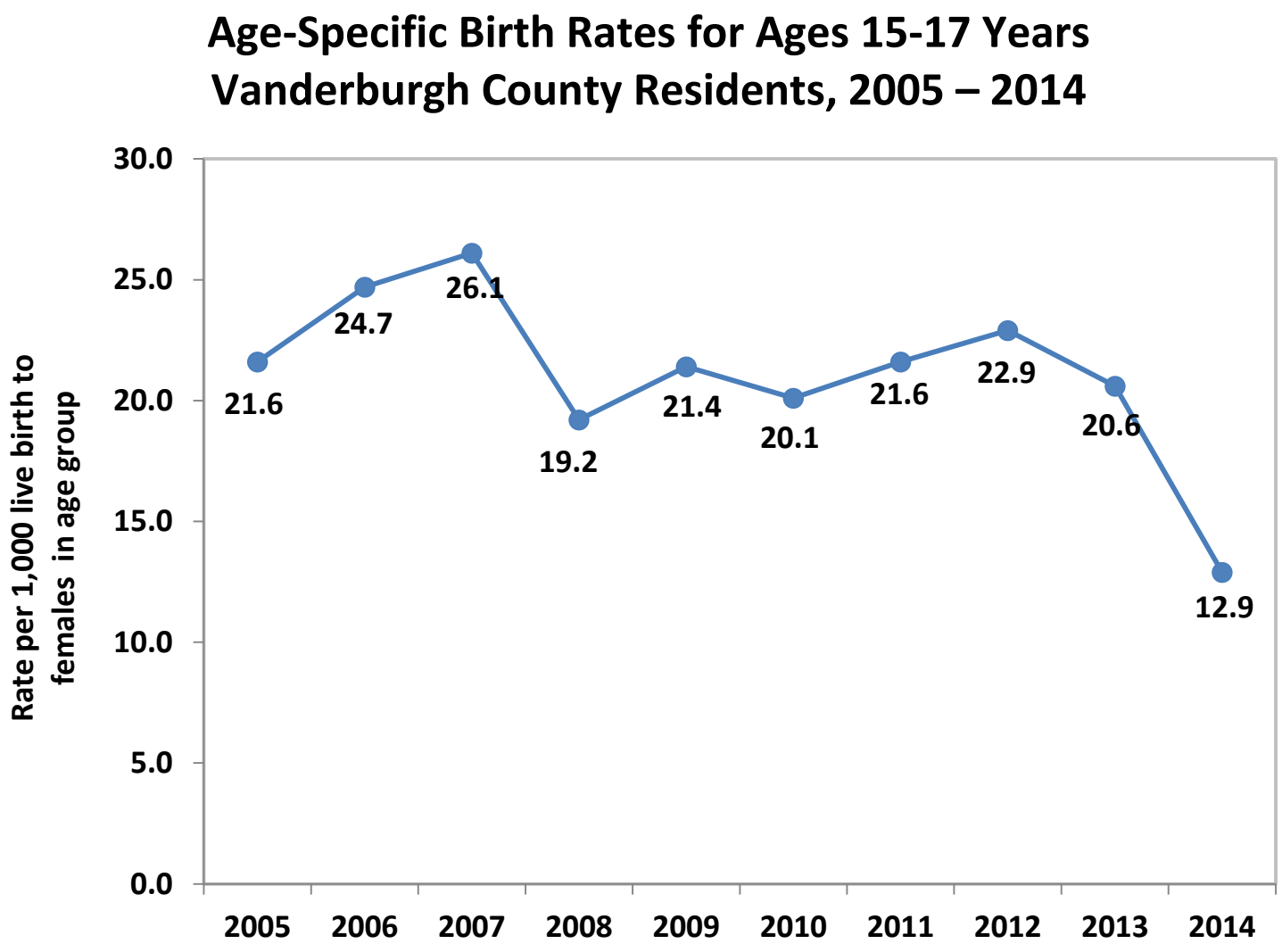


Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Age-Specific Birth Rates for Ages 15-17 Years
St. Joseph County Residents, 2005 – 2014

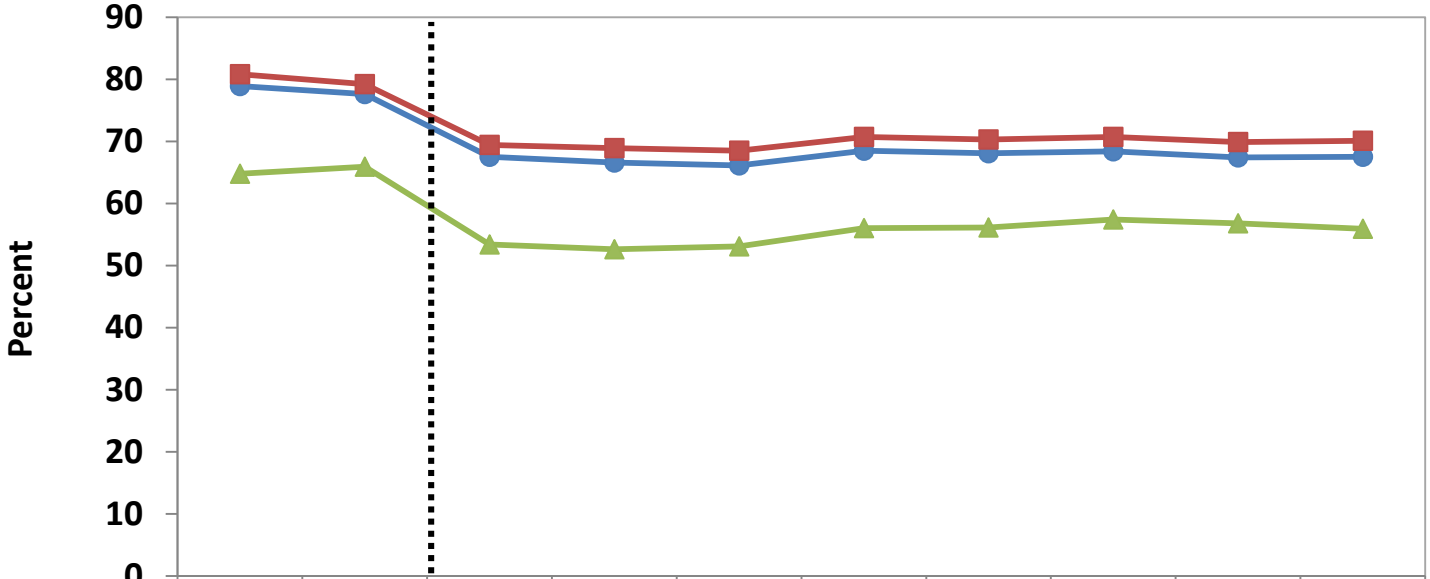


Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team



Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Race Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	78.9	77.6	67.5	66.6	66.1	68.5	68.1	68.4	67.4	67.5
White	80.8	79.2	69.4	68.9	68.5	70.7	70.3	70.7	69.9	70.1
Black	64.8	65.9	53.4	52.6	53.1	56.0	56.1	57.4	56.8	55.9

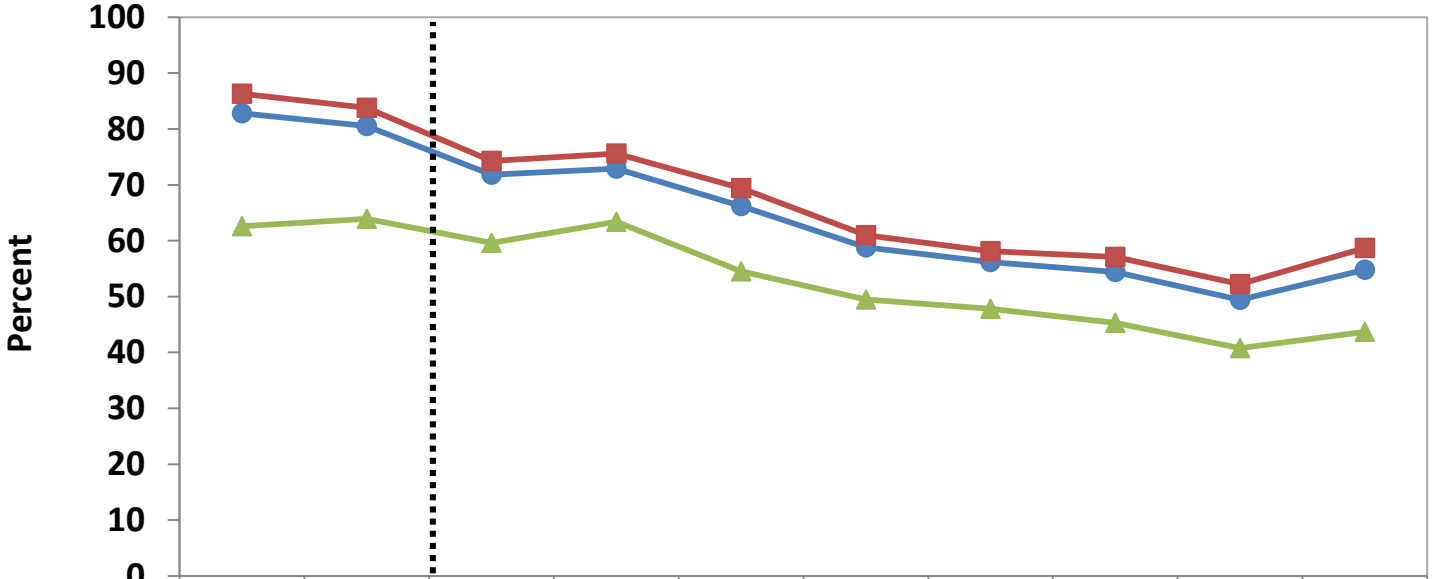
* Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Race Allen County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	82.8	80.5	71.8	72.9	66.2	58.8	56.2	54.4	49.4	54.8
White	86.3	83.8	74.3	75.6	69.4	61.0	58.1	57.1	52.2	58.7
Black	62.6	63.9	59.6	63.4	54.5	49.5	47.8	45.3	40.8	43.7

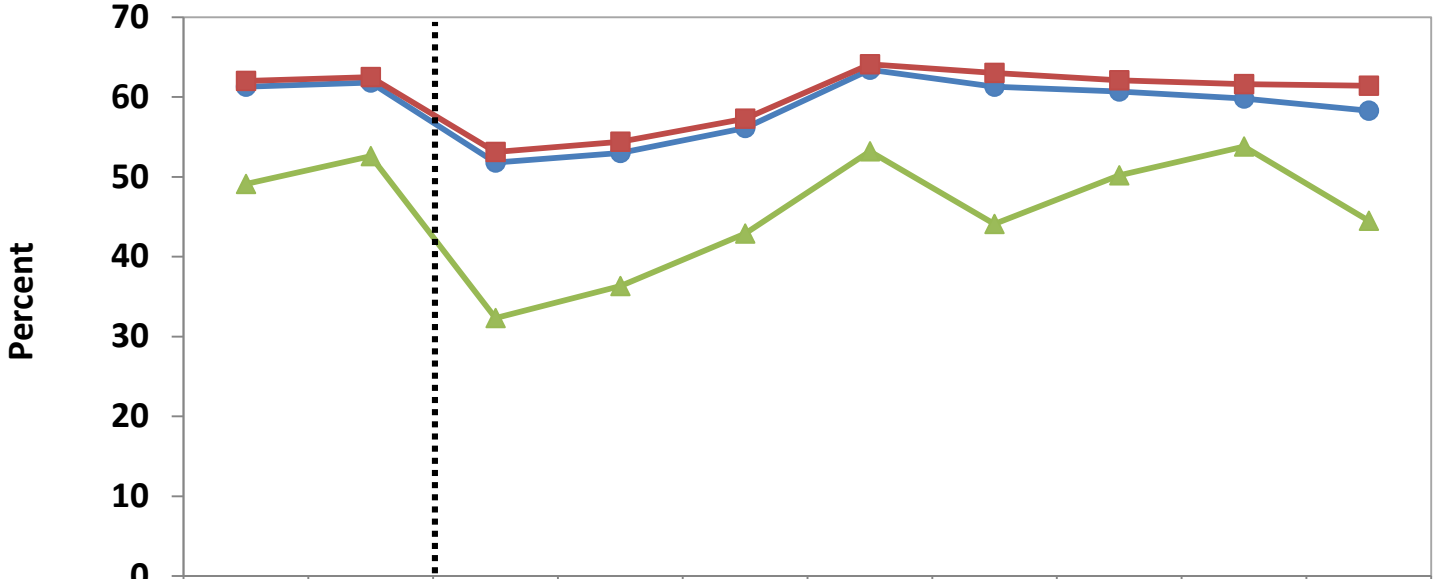
* Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Race Elkhart County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	61.3	61.8	51.8	53.0	56.1	63.4	61.3	60.7	59.8	58.3
White	62.0	62.5	53.1	54.4	57.3	64.1	63.0	62.1	61.6	61.4
Black	49.1	52.6	32.3	36.3	42.9	53.2	44.1	50.2	53.8	44.5

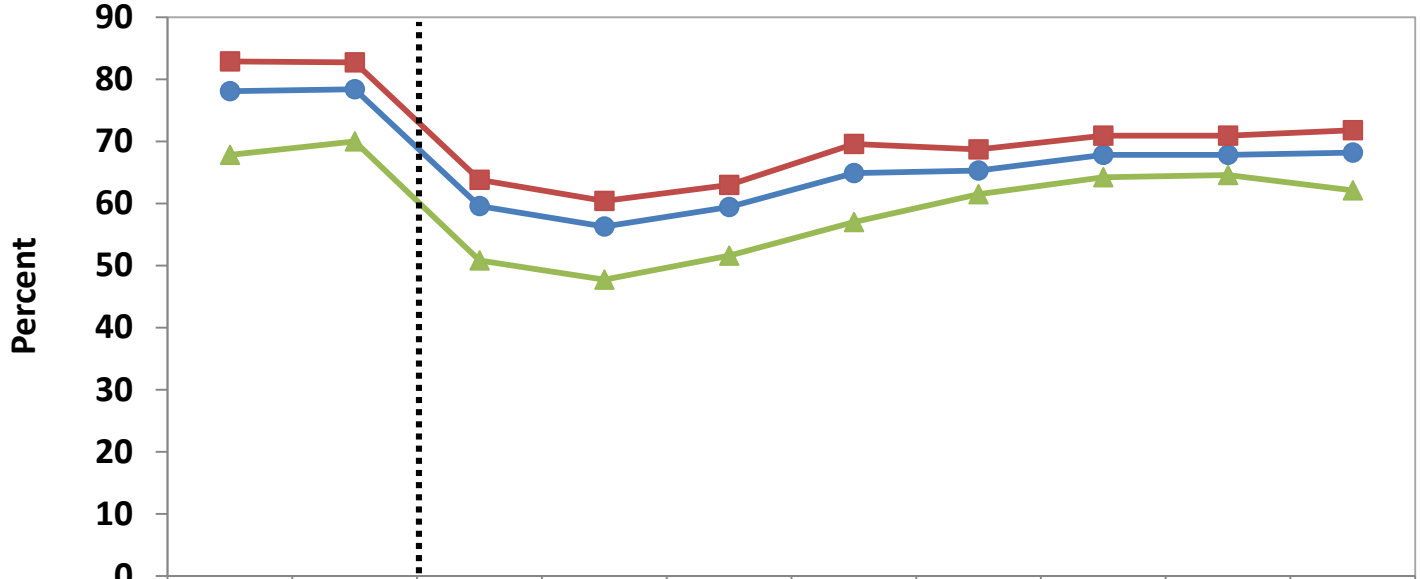
* Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Race Lake County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	78.1	78.4	59.6	56.3	59.4	64.9	65.3	67.8	67.8	68.2
White	82.9	82.7	63.8	60.4	63.0	69.6	68.7	70.9	70.9	71.8
Black	67.8	70.0	50.8	47.7	51.6	57.0	61.5	64.2	64.6	62.1

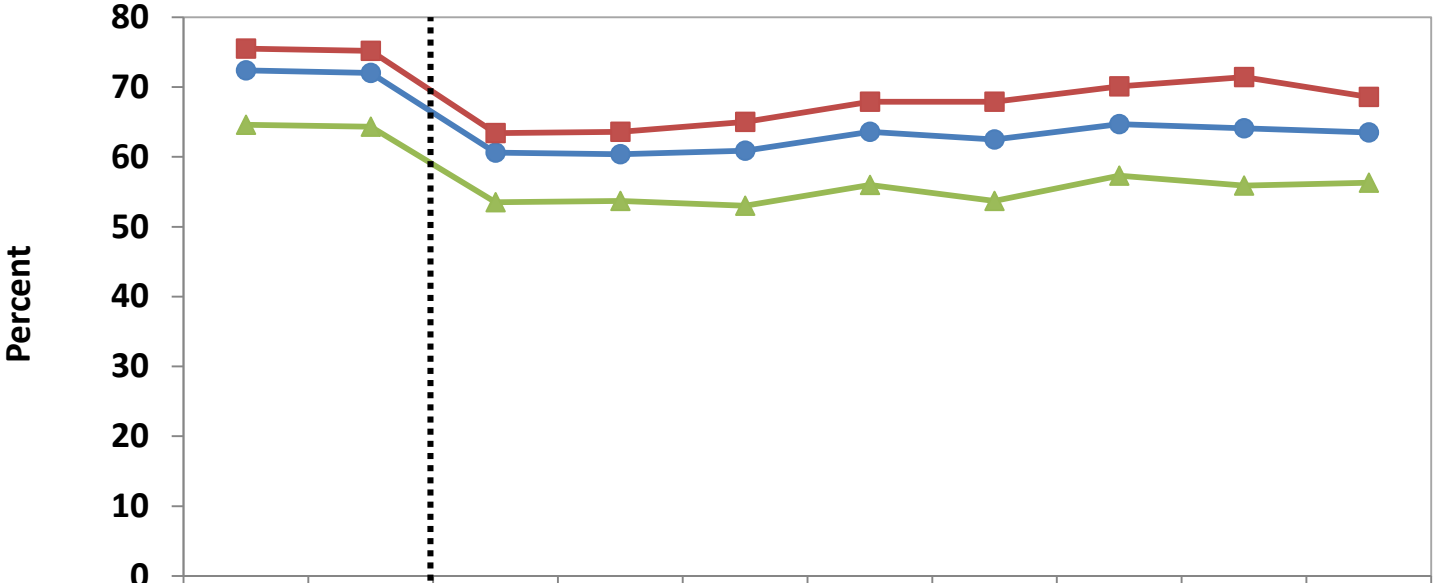
* Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Race Marion County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	72.4	72.0	60.6	60.4	60.9	63.6	62.5	64.7	64.1	63.5
White	75.5	75.2	63.4	63.6	65.0	67.9	67.9	70.1	71.4	68.6
Black	64.6	64.3	53.5	53.7	53.0	56.0	53.7	57.3	55.9	56.3

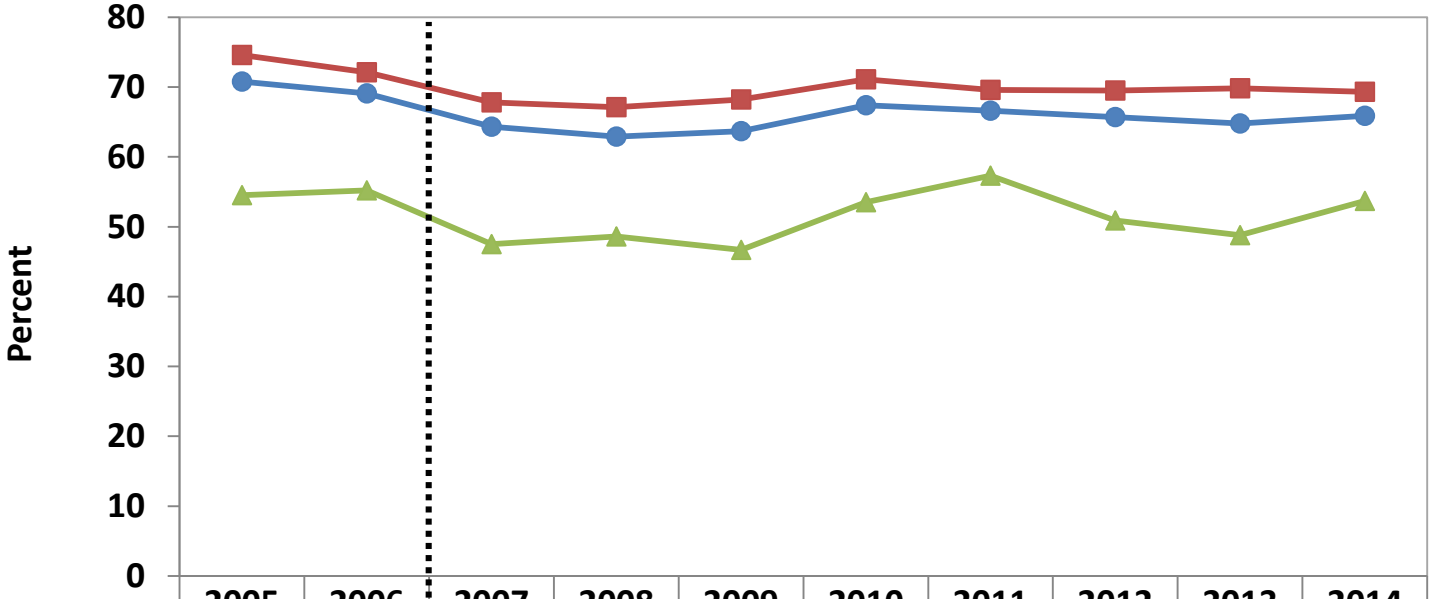
* Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Race St. Joseph County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	70.8	69.1	64.3	62.9	63.7	67.4	66.6	65.7	64.8	65.9
White	74.6	72.1	67.8	67.1	68.2	71.1	69.6	69.5	69.8	69.3
Black	54.5	55.2	47.5	48.6	46.7	53.5	57.3	50.9	48.8	53.7

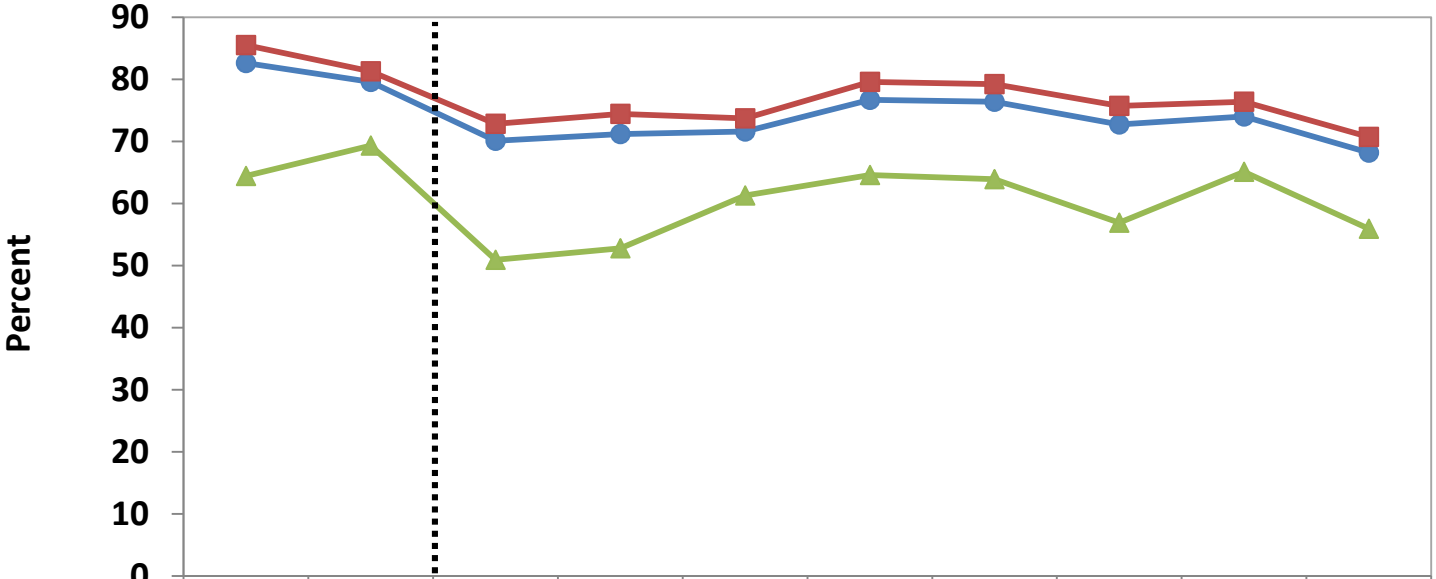
* Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Race Vanderburgh County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	82.6	79.6	70.1	71.2	71.6	76.7	76.4	72.7	74.0	68.2
White	85.5	81.3	72.8	74.4	73.7	79.6	79.2	75.7	76.4	70.7
Black	64.4	69.3	50.9	52.8	61.3	64.6	63.9	56.9	65.1	55.9

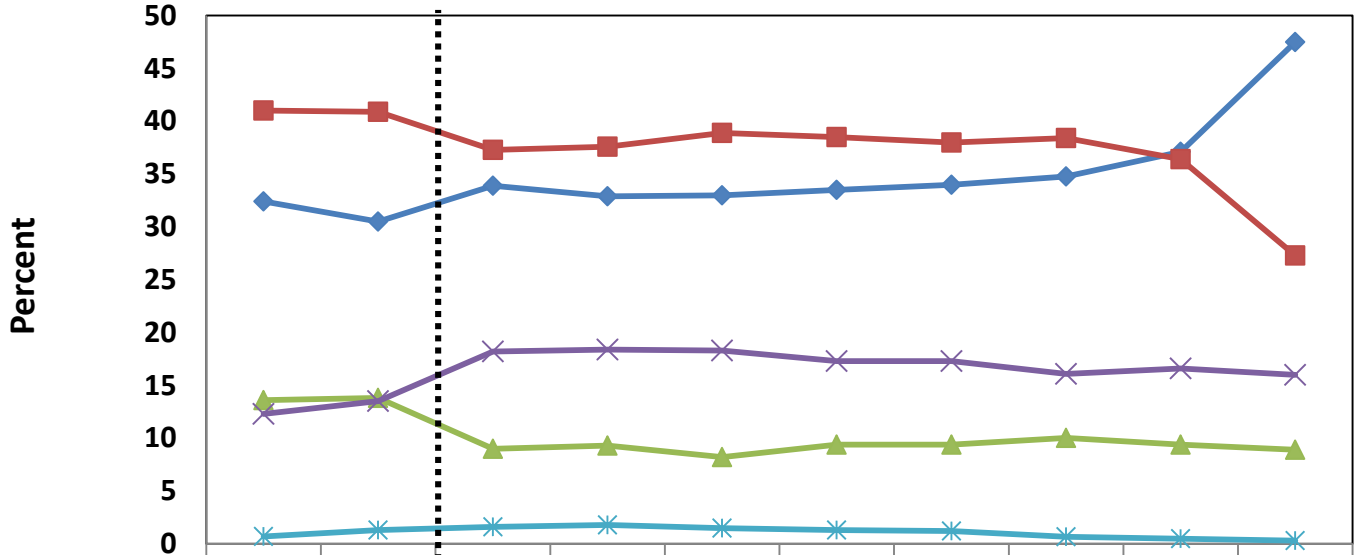
* Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Adequate Plus	32.4	30.5	33.9	32.9	33.0	33.5	34.0	34.8	37.1	47.5
Adequate	41.0	40.9	37.3	37.6	38.9	38.5	38.0	38.4	36.4	27.3
Intermediate	13.6	13.8	9.0	9.3	8.2	9.4	9.4	10.0	9.4	8.9
Inadequate	12.3	13.5	18.2	18.4	18.3	17.3	17.3	16.1	16.6	16.0
No Care	0.7	1.3	1.6	1.8	1.5	1.3	1.2	0.7	0.5	0.3

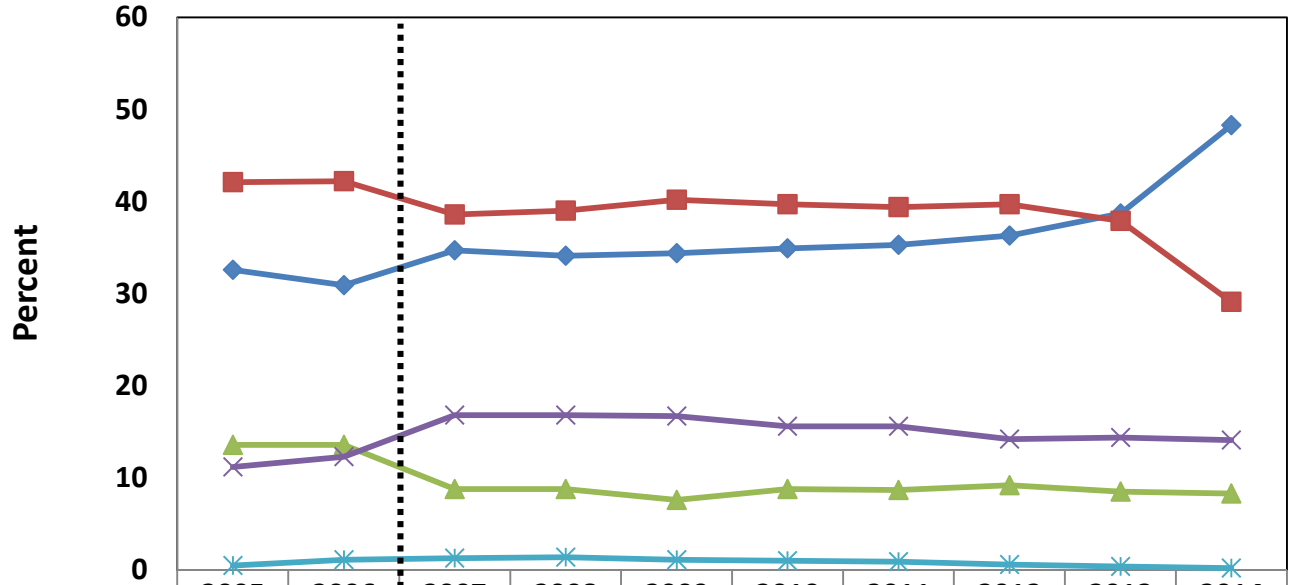
*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*
White Population, Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Adequate Plus	32.6	30.9	34.7	34.1	34.4	34.9	35.3	36.3	38.7	48.3
Adequate	42.1	42.2	38.6	39.0	40.2	39.7	39.4	39.7	37.9	29.1
Intermediate	13.6	13.6	8.8	8.8	7.6	8.8	8.7	9.2	8.5	8.3
Inadequate	11.2	12.3	16.8	16.8	16.7	15.6	15.6	14.2	14.4	14.1
No Care	0.5	1.1	1.3	1.4	1.1	1.0	0.9	0.6	0.4	0.2

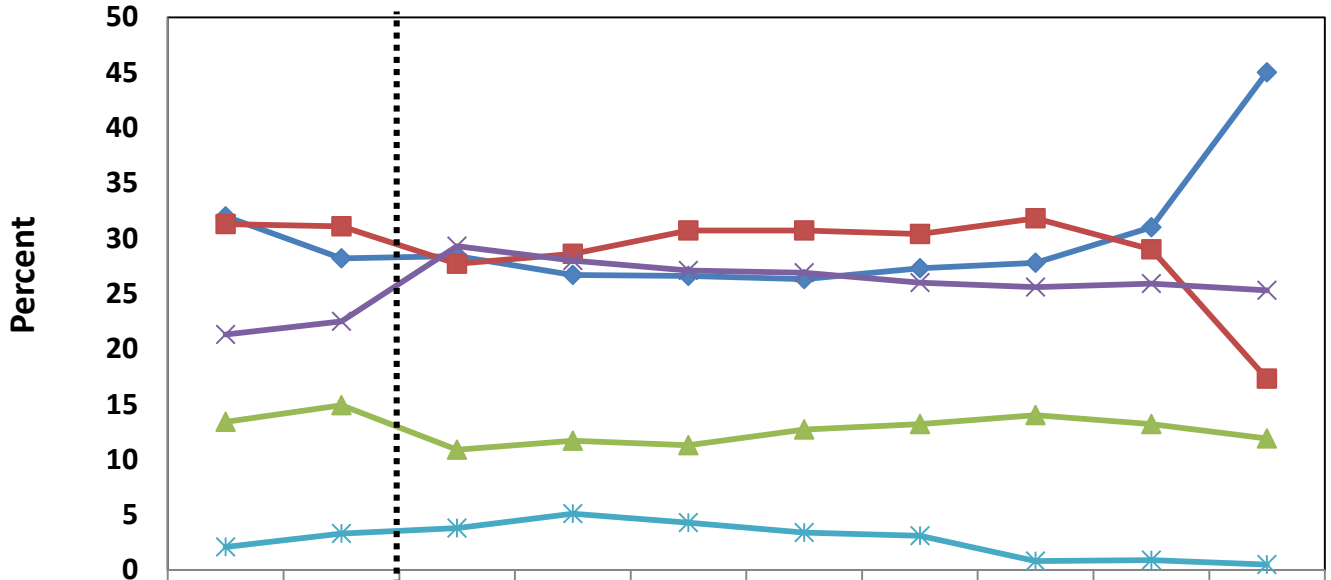
*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Adequacy of Prenatal Care Utilization (Kotelchuck Index)*
Black Population, Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Adequate Plus	32.0	28.2	28.4	26.7	26.6	26.3	27.3	27.8	31.0	45.0
Adequate	31.3	31.1	27.7	28.6	30.7	30.7	30.4	31.8	29.0	17.3
Intermediate	13.4	14.9	10.9	11.7	11.3	12.7	13.2	14.0	13.2	11.9
Inadequate	21.3	22.5	29.3	28.0	27.1	26.9	26.0	25.6	25.9	25.3
No Care	2.1	3.3	3.8	5.1	4.3	3.4	3.1	0.8	0.9	0.5

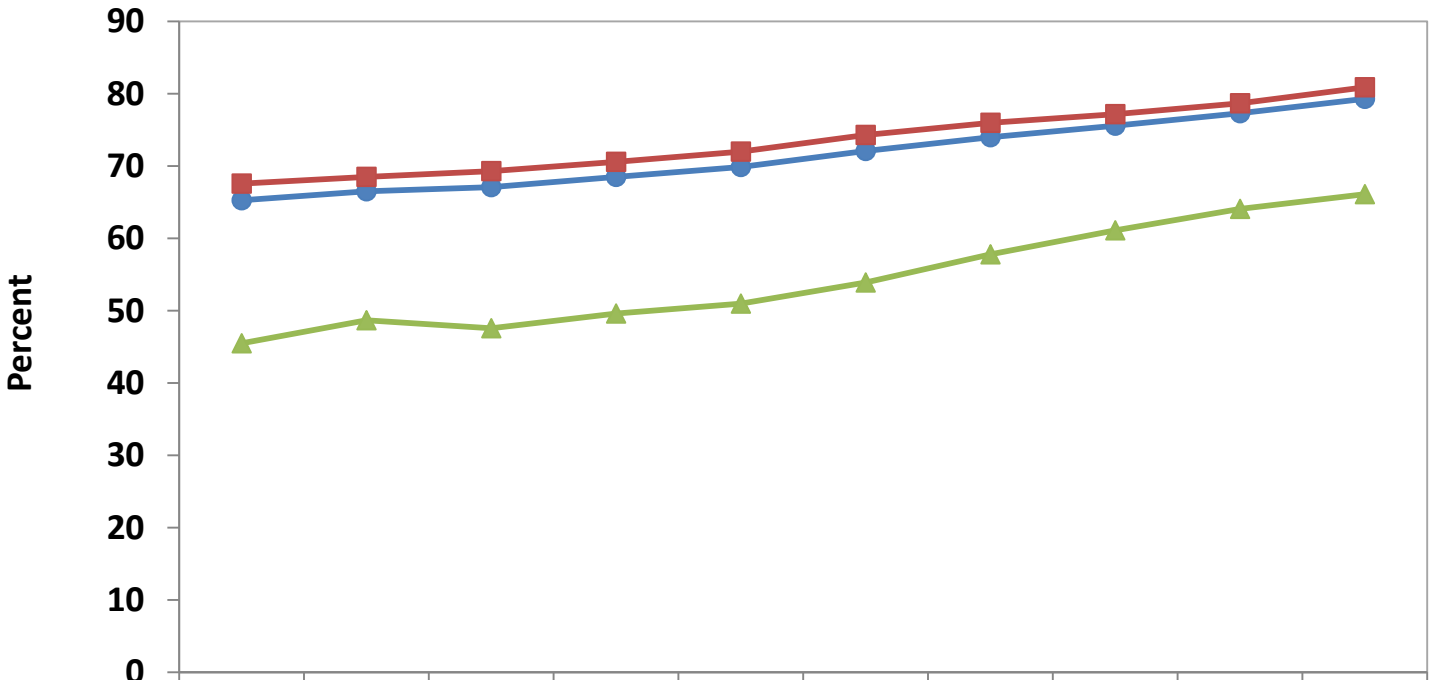
*Because of birth certificate revisions in 2007, Kotelchuck data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

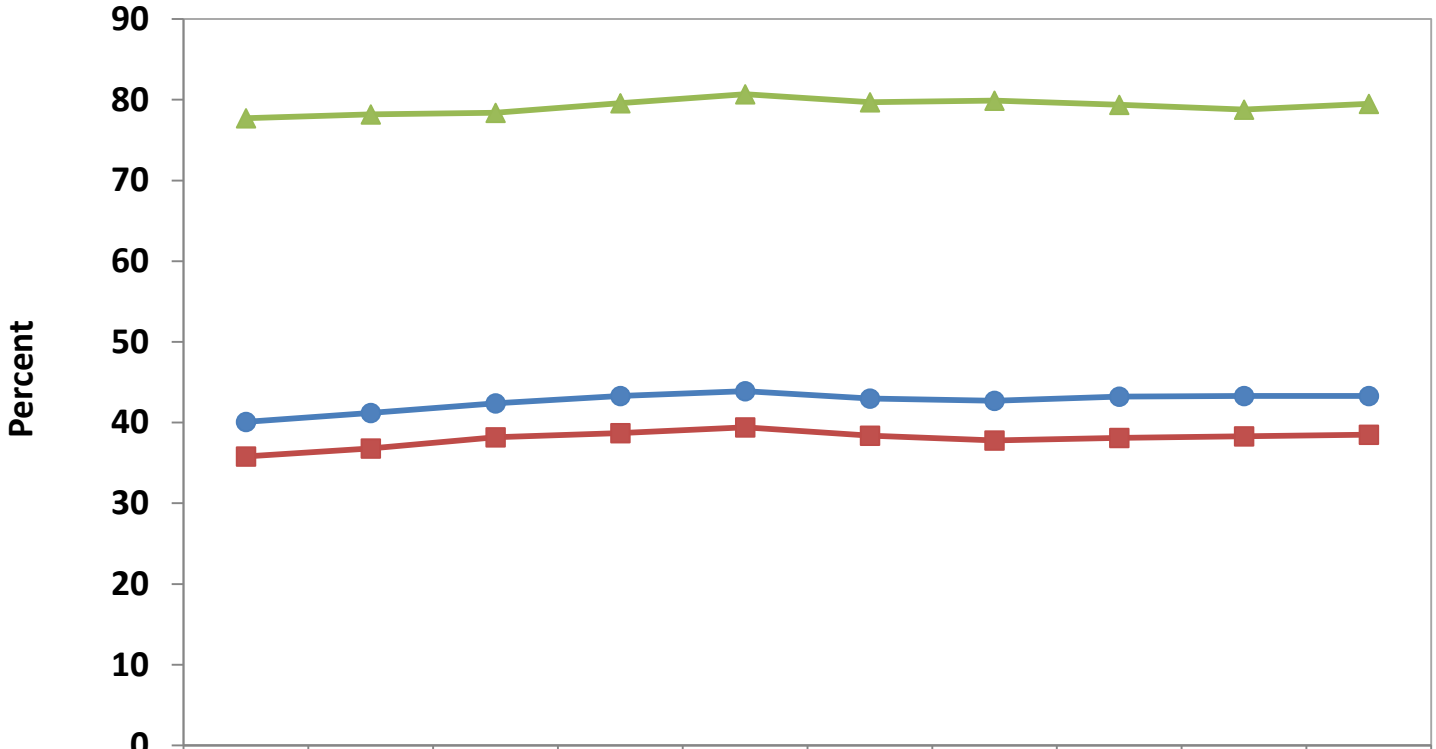
Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Race Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	65.3	66.5	67.1	68.5	69.9	72.1	74.0	75.6	77.3	79.3
White	67.6	68.5	69.3	70.6	72.0	74.3	76.0	77.2	78.7	80.9
Black	45.5	48.7	47.6	49.6	51.0	53.9	57.8	61.1	64.1	66.1

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

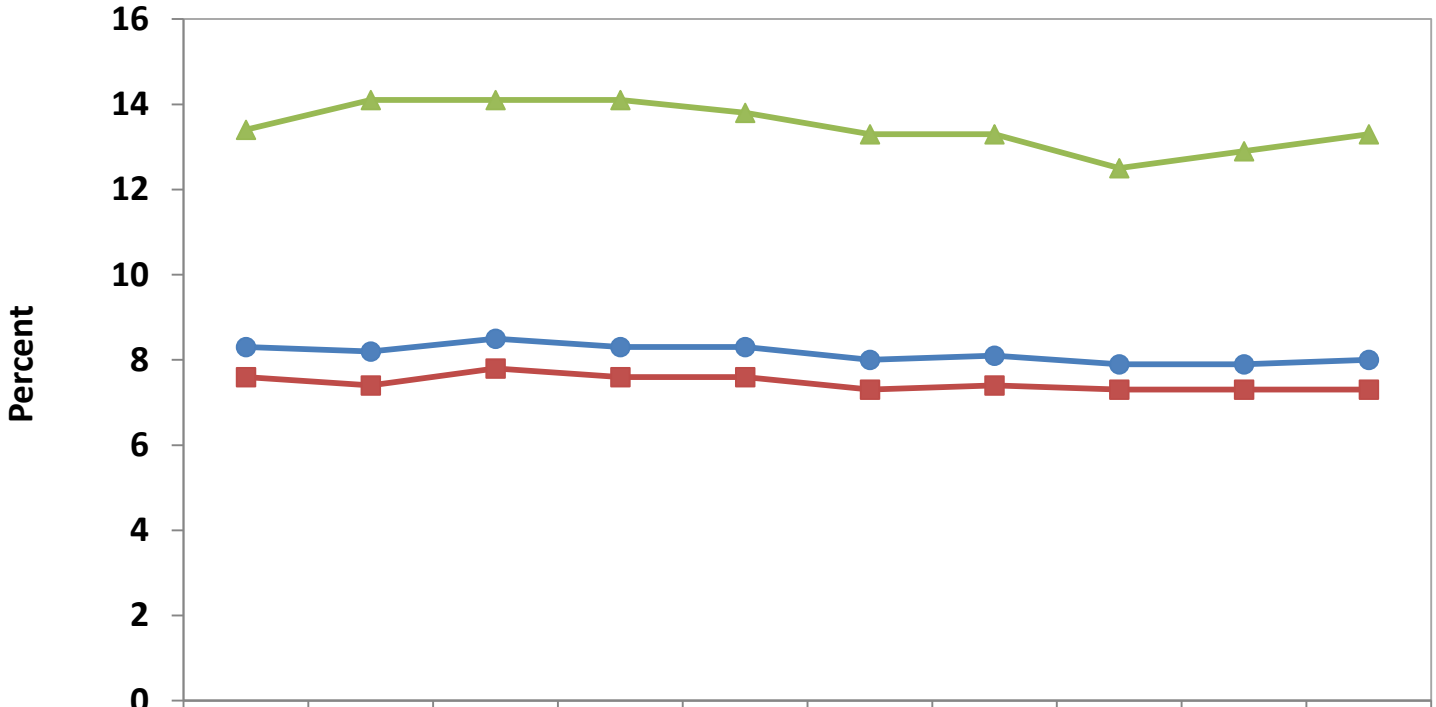
Percent of Live Births to Unmarried Mothers by Race of Mother
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	40.1	41.2	42.4	43.3	43.9	43.0	42.7	43.2	43.3	43.3
White	35.8	36.8	38.2	38.7	39.4	38.4	37.8	38.1	38.3	38.5
Black	77.7	78.2	78.4	79.6	80.7	79.7	79.9	79.4	78.8	79.5

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

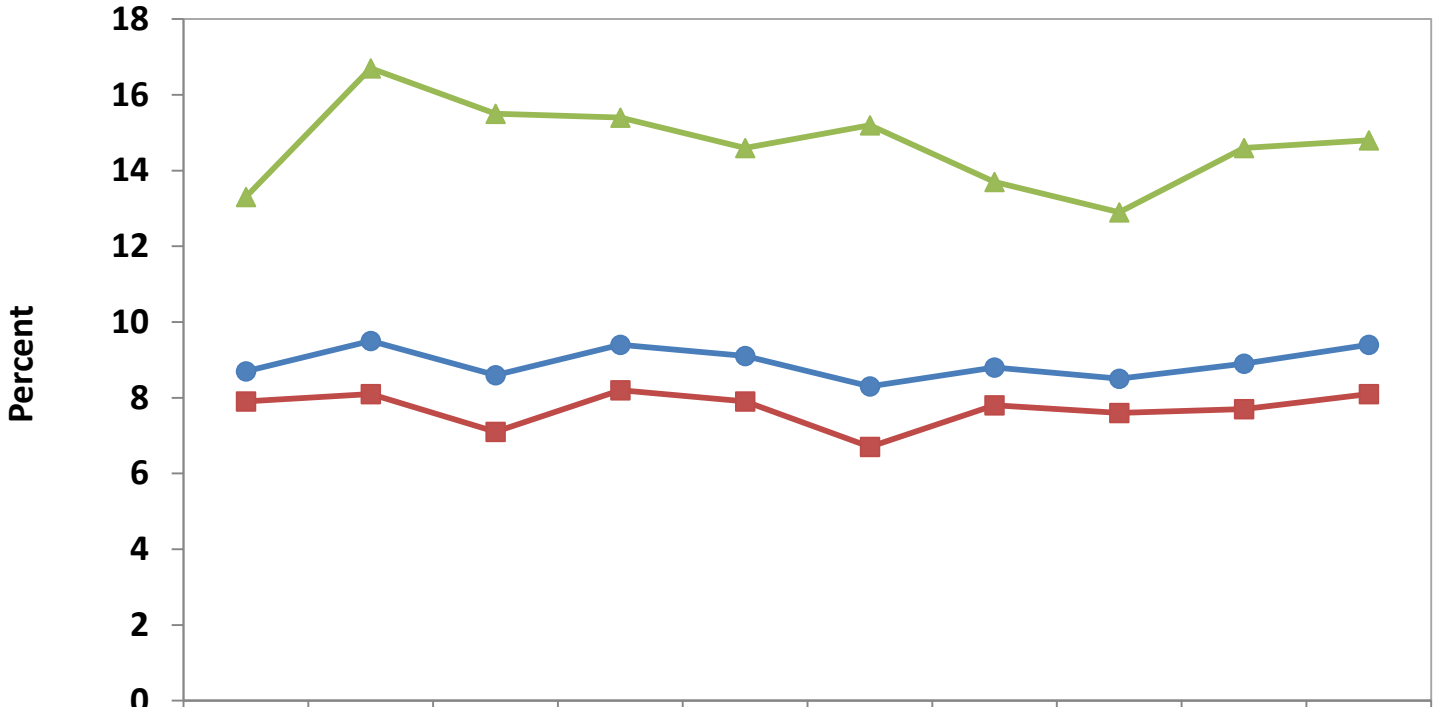
Percent of Low Birthweight Infants by Race of Mother
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	8.3	8.2	8.5	8.3	8.3	8.0	8.1	7.9	7.9	8.0
White	7.6	7.4	7.8	7.6	7.6	7.3	7.4	7.3	7.3	7.3
Black	13.4	14.1	14.1	14.1	13.8	13.3	13.3	12.5	12.9	13.3

Note: Low birthweight is less than 2,500 grams (5 lb. 8 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

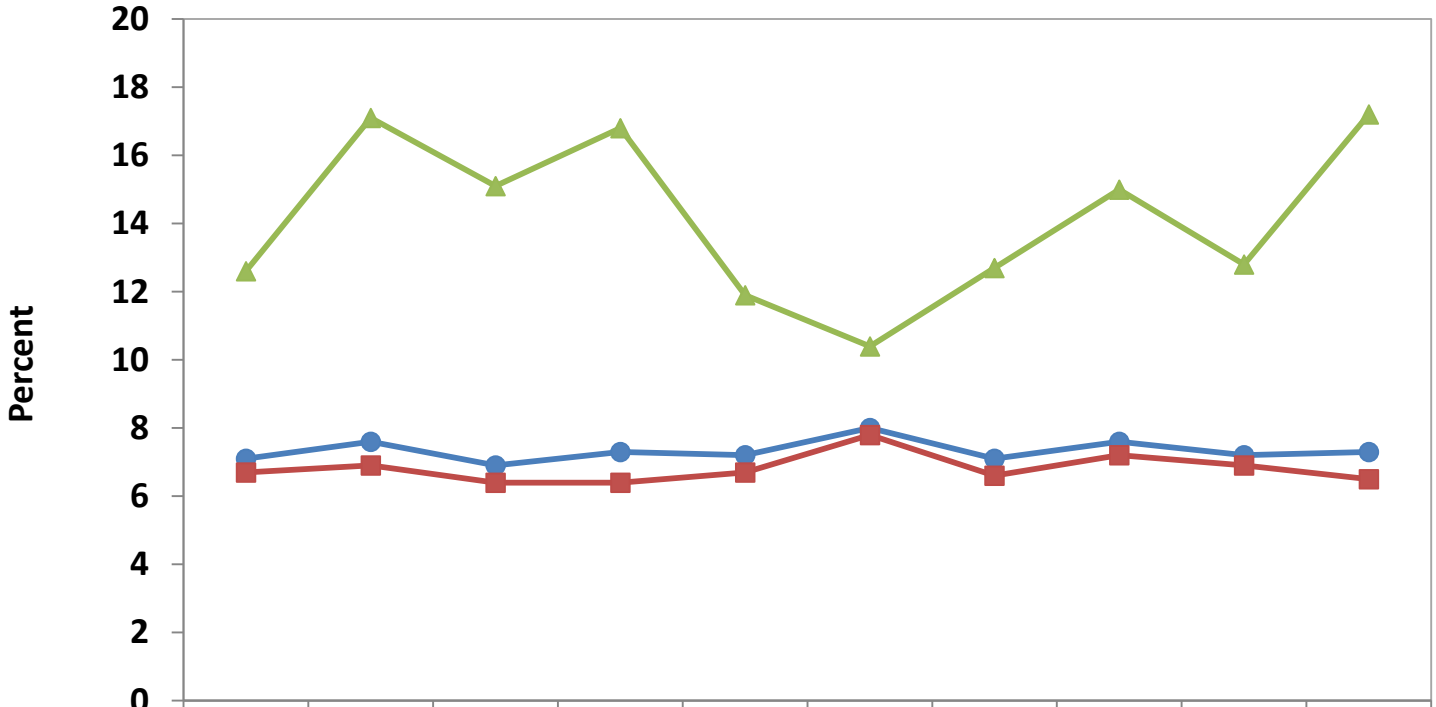
Percent of Low Birthweight Infants by Race of Mother
Allen County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	8.7	9.5	8.6	9.4	9.1	8.3	8.8	8.5	8.9	9.4
White	7.9	8.1	7.1	8.2	7.9	6.7	7.8	7.6	7.7	8.1
Black	13.3	16.7	15.5	15.4	14.6	15.2	13.7	12.9	14.6	14.8

Note: Low birthweight is less than 2,500 grams (5 lb. 8 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

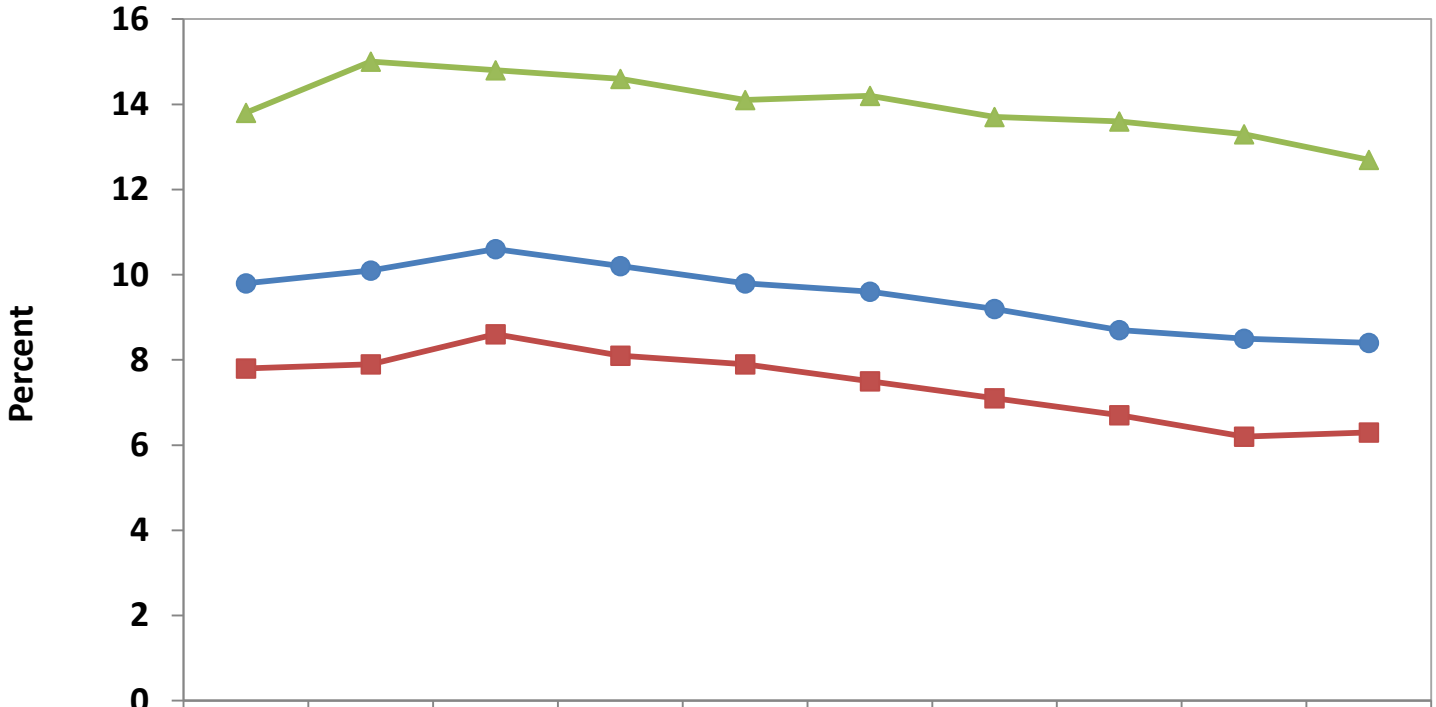
Percent of Low Birthweight Infants by Race of Mother
Elkhart County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	7.1	7.6	6.9	7.3	7.2	8.0	7.1	7.6	7.2	7.3
White	6.7	6.9	6.4	6.4	6.7	7.8	6.6	7.2	6.9	6.5
Black	12.6	17.1	15.1	16.8	11.9	10.4	12.7	15.0	12.8	17.2

Note: Low birthweight is less than 2,500 grams (5 lb. 8 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

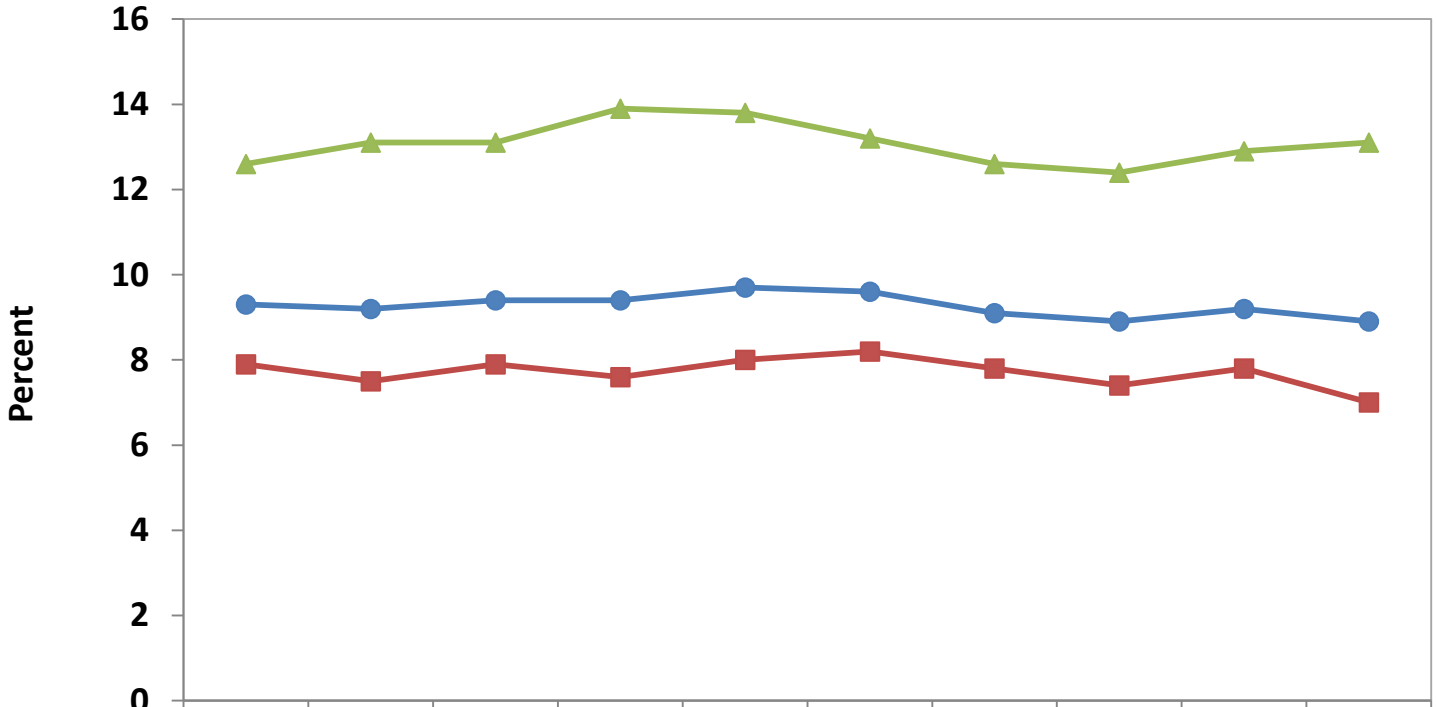
Percent of Low Birthweight Infants by Race of Mother
Lake County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	9.8	10.1	10.6	10.2	9.8	9.6	9.2	8.7	8.5	8.4
White	7.8	7.9	8.6	8.1	7.9	7.5	7.1	6.7	6.2	6.3
Black	13.8	15.0	14.8	14.6	14.1	14.2	13.7	13.6	13.3	12.7

Note: Low birthweight is less than 2,500 grams (5 lb. 8 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

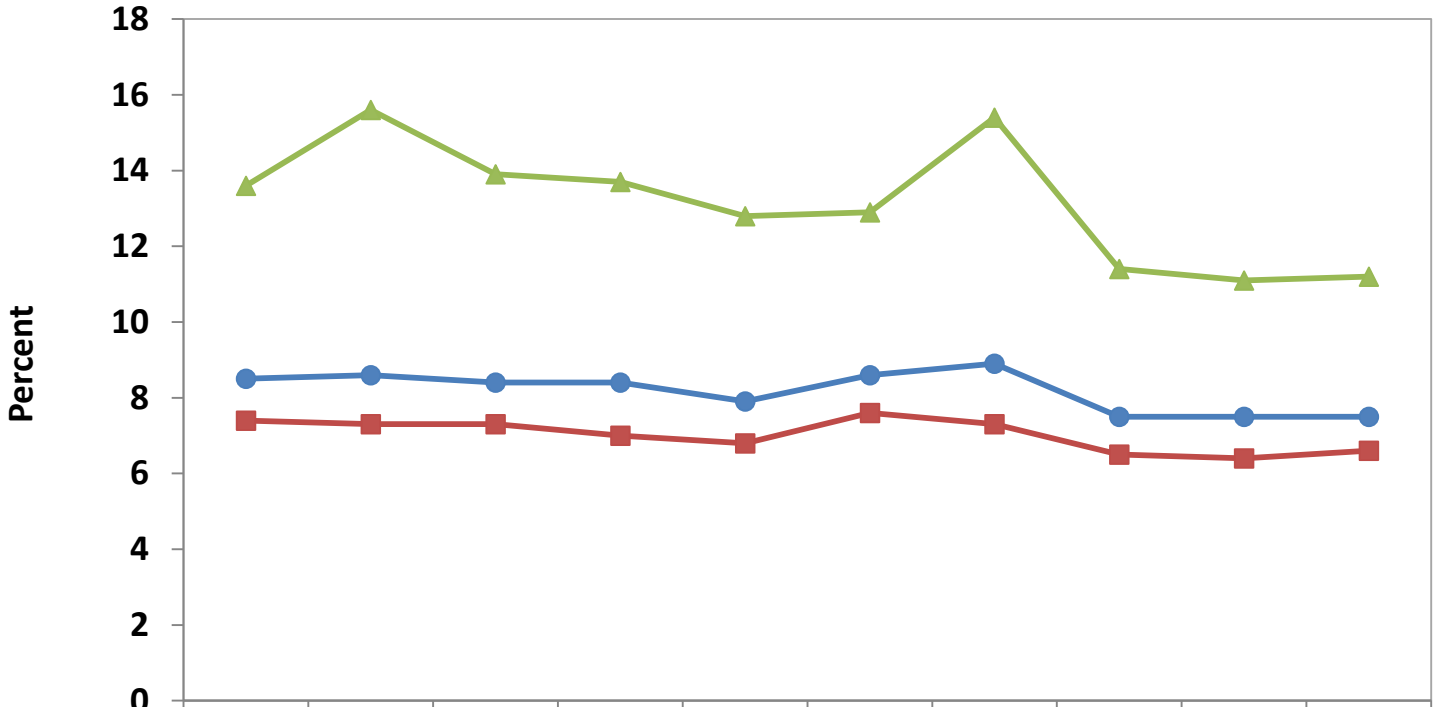
Percent of Low Birthweight Infants by Race of Mother
Marion County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	9.3	9.2	9.4	9.4	9.7	9.6	9.1	8.9	9.2	8.9
White	7.9	7.5	7.9	7.6	8.0	8.2	7.8	7.4	7.8	7.0
Black	12.6	13.1	13.1	13.9	13.8	13.2	12.6	12.4	12.9	13.1

Note: Low birthweight is less than 2,500 grams (5 lb. 8 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

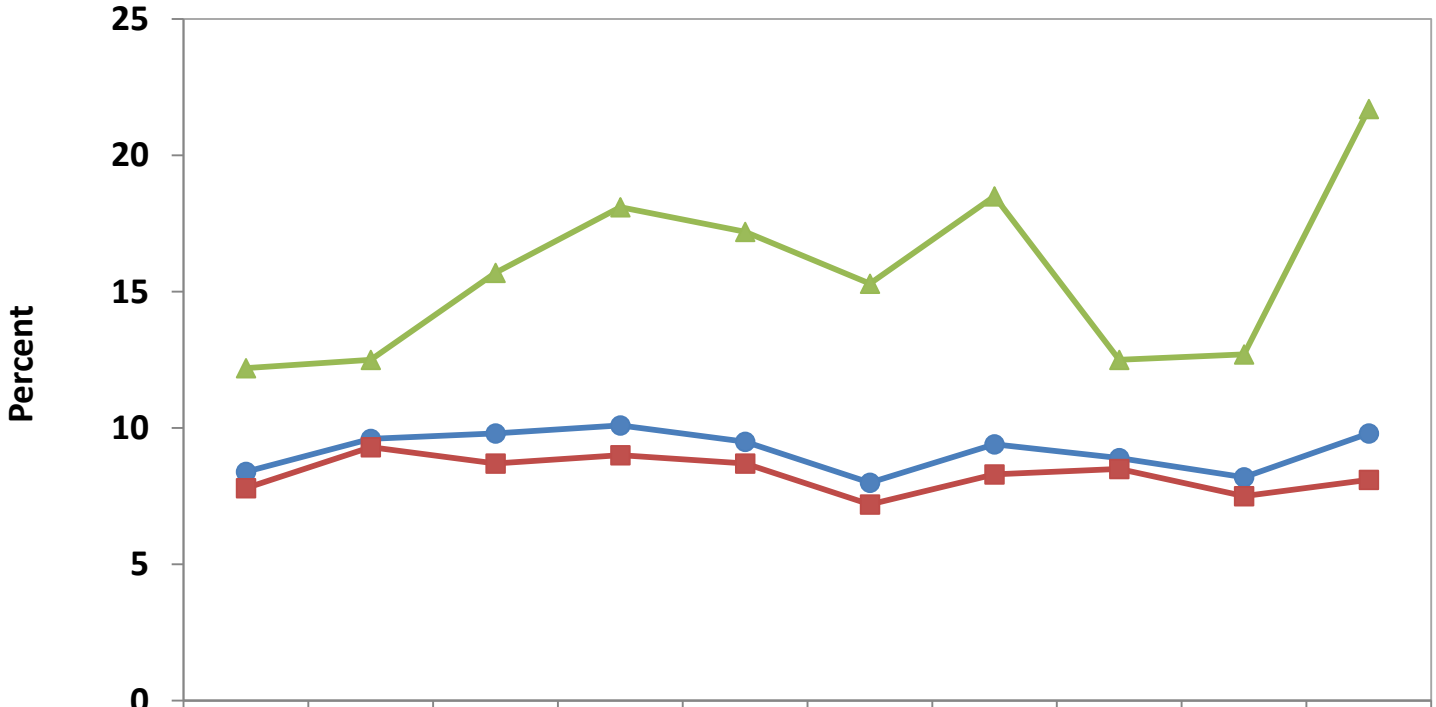
Percent of Low Birthweight Infants by Race of Mother
St. Joseph County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	8.5	8.6	8.4	8.4	7.9	8.6	8.9	7.5	7.5	7.5
White	7.4	7.3	7.3	7.0	6.8	7.6	7.3	6.5	6.4	6.6
Black	13.6	15.6	13.9	13.7	12.8	12.9	15.4	11.4	11.1	11.2

Note: Low birthweight is less than 2,500 grams (5 lb. 8 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

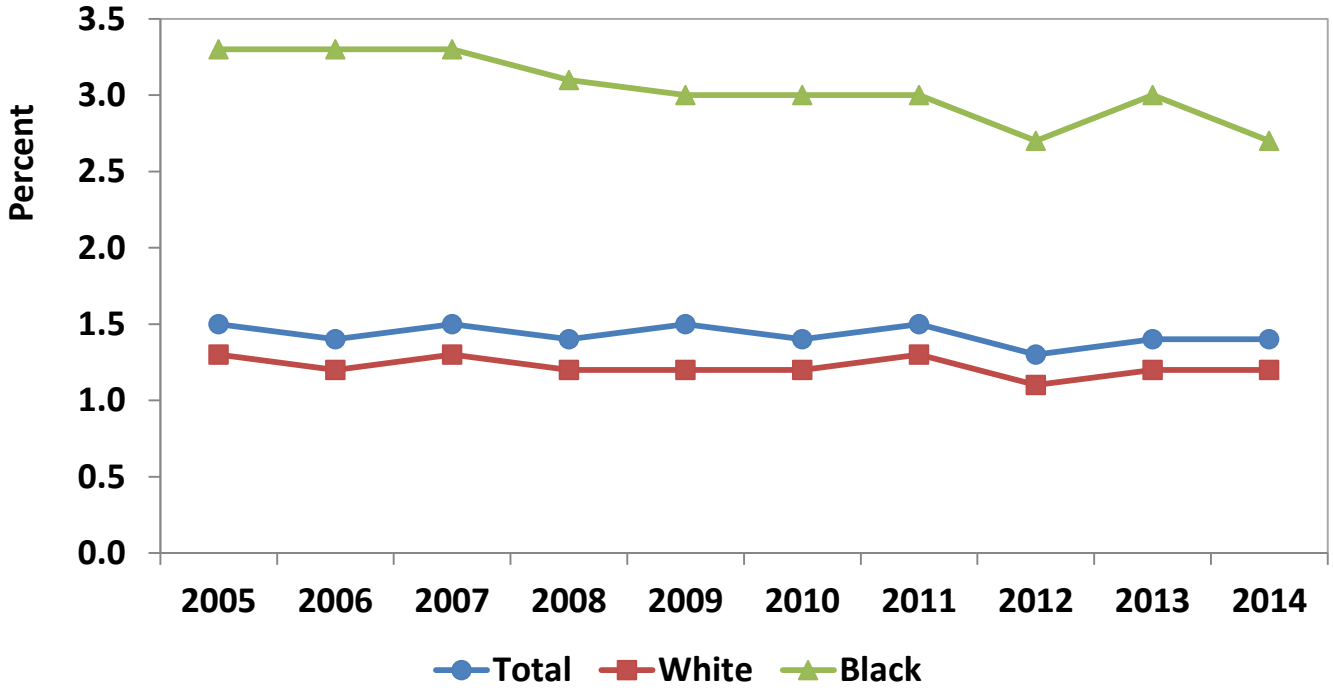
Percent of Low Birthweight Infants by Race of Mother
Vanderburgh County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	8.4	9.6	9.8	10.1	9.5	8.0	9.4	8.9	8.2	9.8
White	7.8	9.3	8.7	9.0	8.7	7.2	8.3	8.5	7.5	8.1
Black	12.2	12.5	15.7	18.1	17.2	15.3	18.5	12.5	12.7	21.7

Note: Low birthweight is less than 2,500 grams (5 lb. 8 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

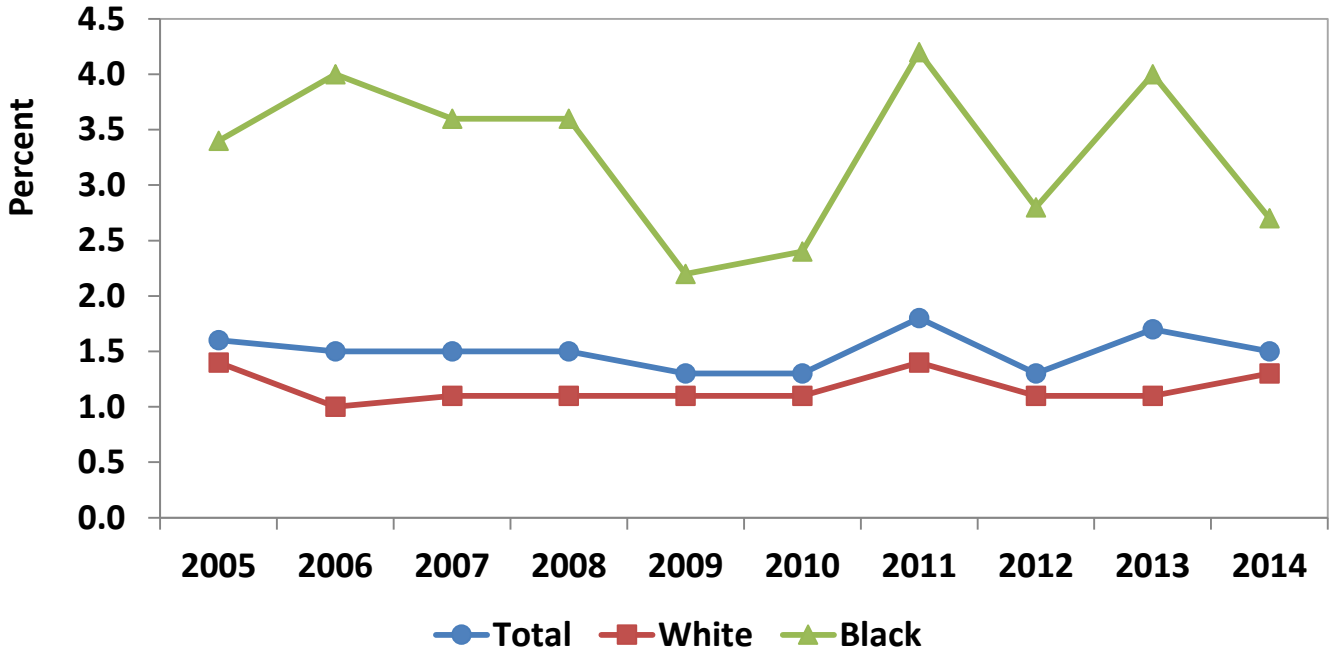
Percent of Very Low Birthweight Infants by Race of Mother
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	1.5	1.4	1.5	1.4	1.5	1.4	1.5	1.3	1.4	1.4
White	1.3	1.2	1.3	1.2	1.2	1.2	1.3	1.1	1.2	1.2
Black	3.3	3.3	3.3	3.1	3.0	3.0	3.0	2.7	3.0	2.7

Note: Very low birthweight is less than 1,500 grams (3 lb. 5 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

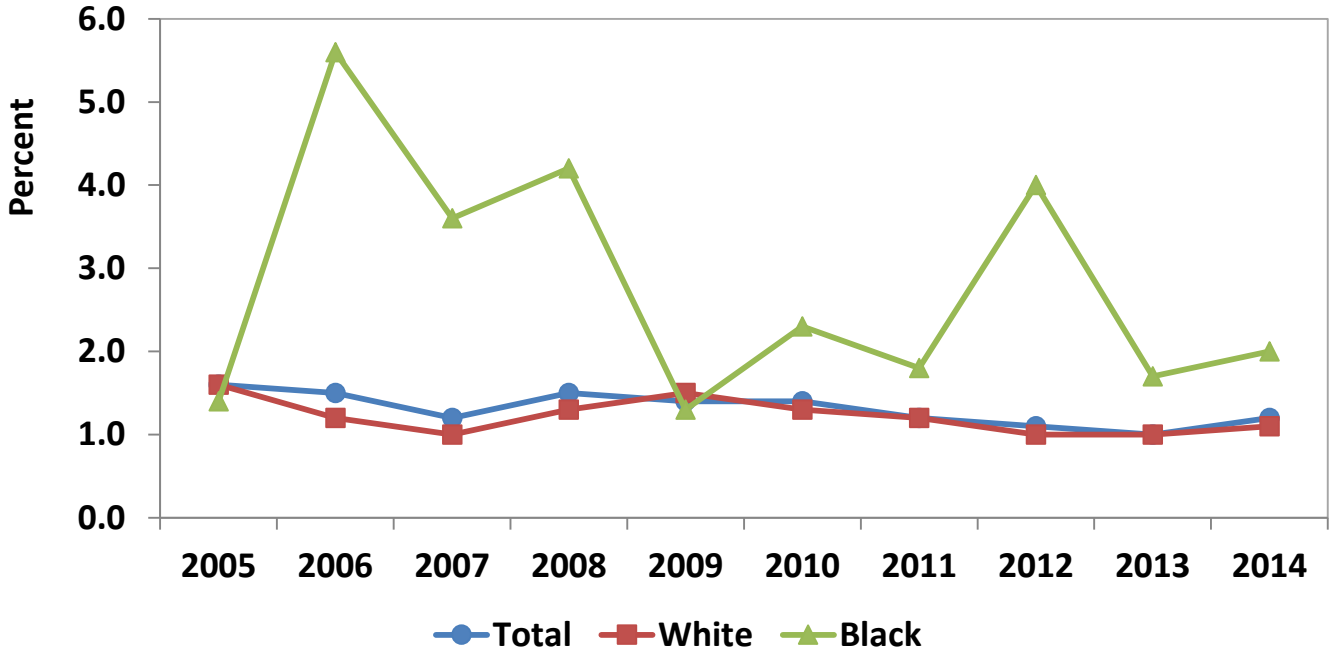
Percent of Very Low Birthweight Infants by Race of Mother
Allen County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	1.6	1.5	1.5	1.5	1.3	1.3	1.8	1.3	1.7	1.5
White	1.4	1.0	1.1	1.1	1.1	1.1	1.4	1.1	1.1	1.3
Black	3.4	4.0	3.6	3.6	2.2*	2.4	4.2	2.8	4.0	2.7

*Numerator is less than 20, the percent is unstable. We do not recommend comparing unstable percentages.
Note: Very low birthweight is less than 1,500 grams (3 lb. 5 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

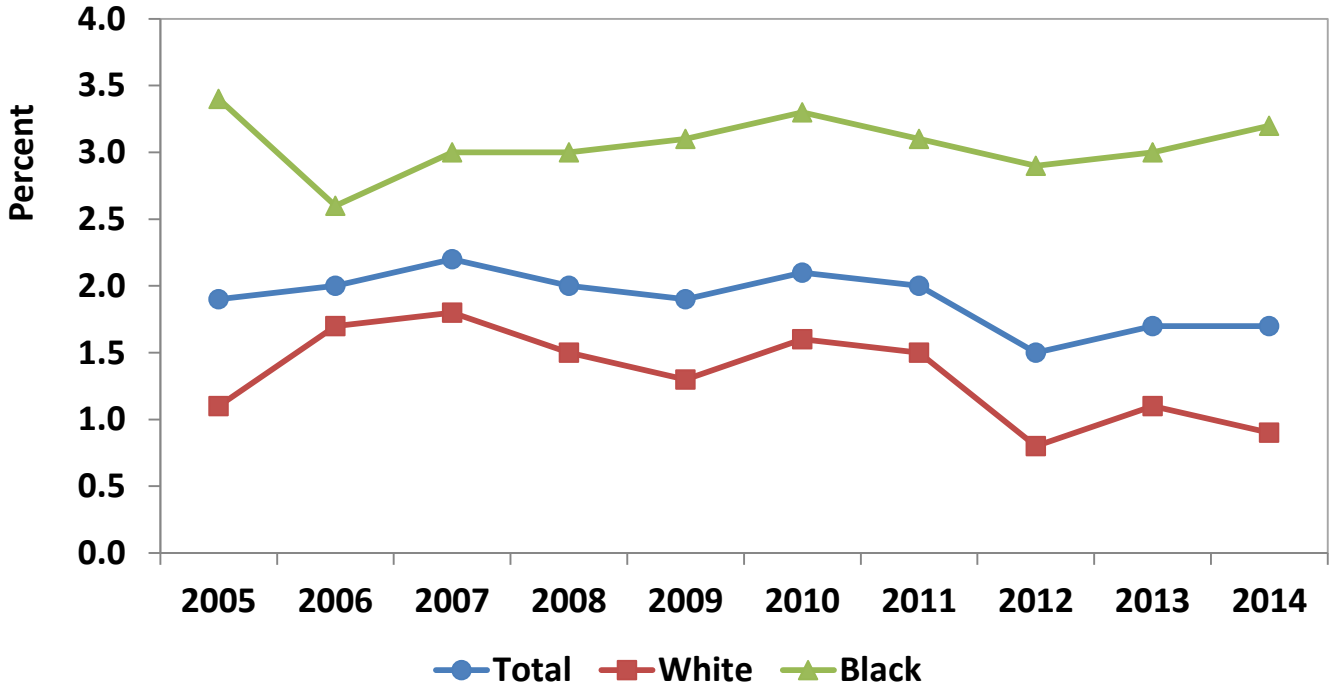
Percent of Very Low Birthweight Infants by Race of Mother
Elkhart County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	1.6	1.5	1.2	1.5	1.4	1.4	1.2	1.1	1.0	1.2
White	1.6	1.2	1.0	1.3	1.5	1.3	1.2	1.0	1.0	1.1
Black	1.4*	5.6*	3.6*	4.2*	1.3*	2.3*	1.8*	4.0*	1.7*	2.0*

*Numerator is less than 20, the percent is unstable. We do not recommend comparing unstable percentages.
Note: Very low birthweight is less than 1,500 grams (3 lb. 5 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

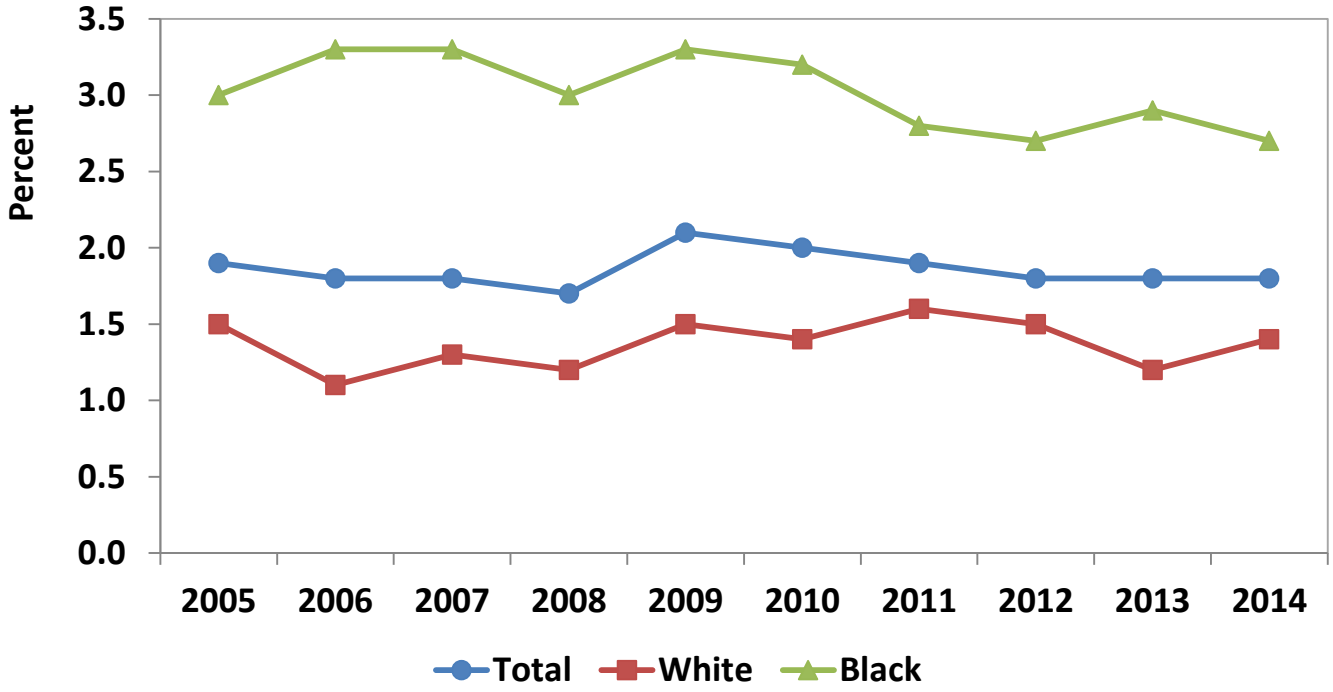
Percent of Very Low Birthweight Infants by Race of Mother
Lake County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	1.9	2.0	2.2	2.0	1.9	2.1	2.0	1.5	1.7	1.7
White	1.1	1.7	1.8	1.5	1.3	1.6	1.5	0.8	1.1	0.9
Black	3.4	2.6	3.0	3.0	3.1	3.3	3.1	2.9	3.0	3.2

Note: Very low birthweight is less than 1,500 grams (3 lb. 5 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

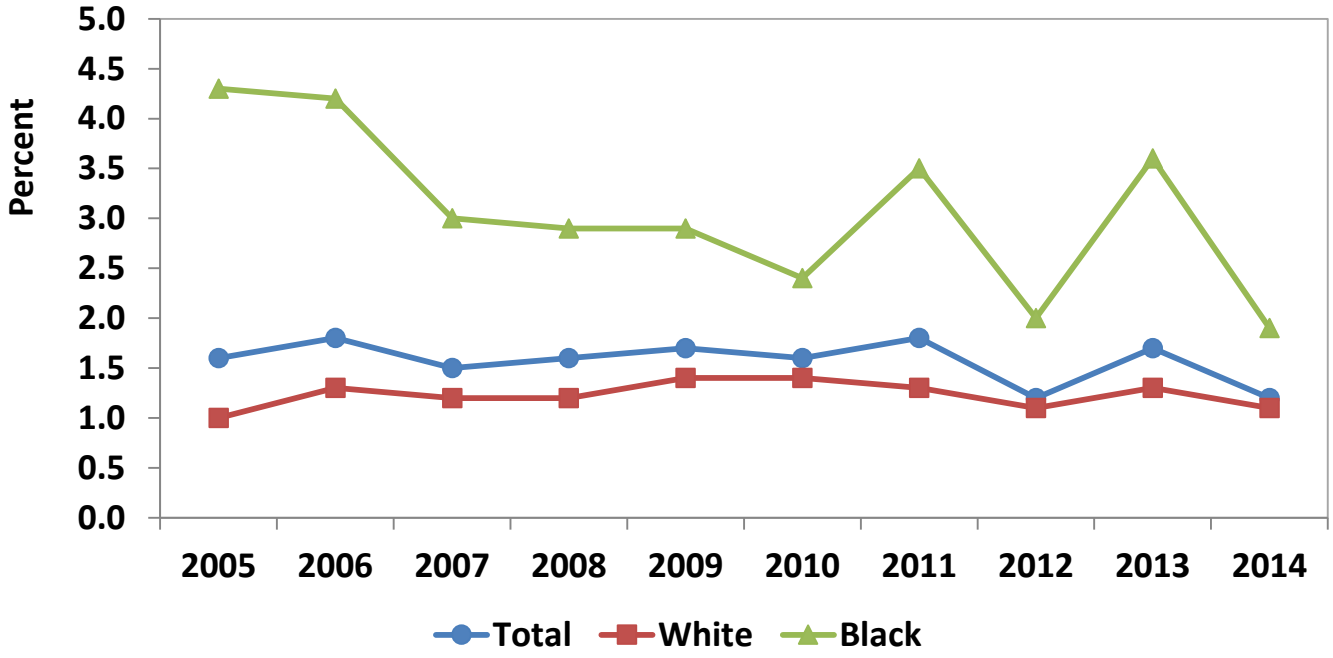
Percent of Very Low Birthweight Infants by Race of Mother
Marion County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	1.9	1.8	1.8	1.7	2.1	2.0	1.9	1.8	1.8	1.8
White	1.5	1.1	1.3	1.2	1.5	1.4	1.6	1.5	1.2	1.4
Black	3.0	3.3	3.3	3.0	3.3	3.2	2.8	2.7	2.9	2.7

Note: Very low birthweight is less than 1,500 grams (3 lb. 5 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

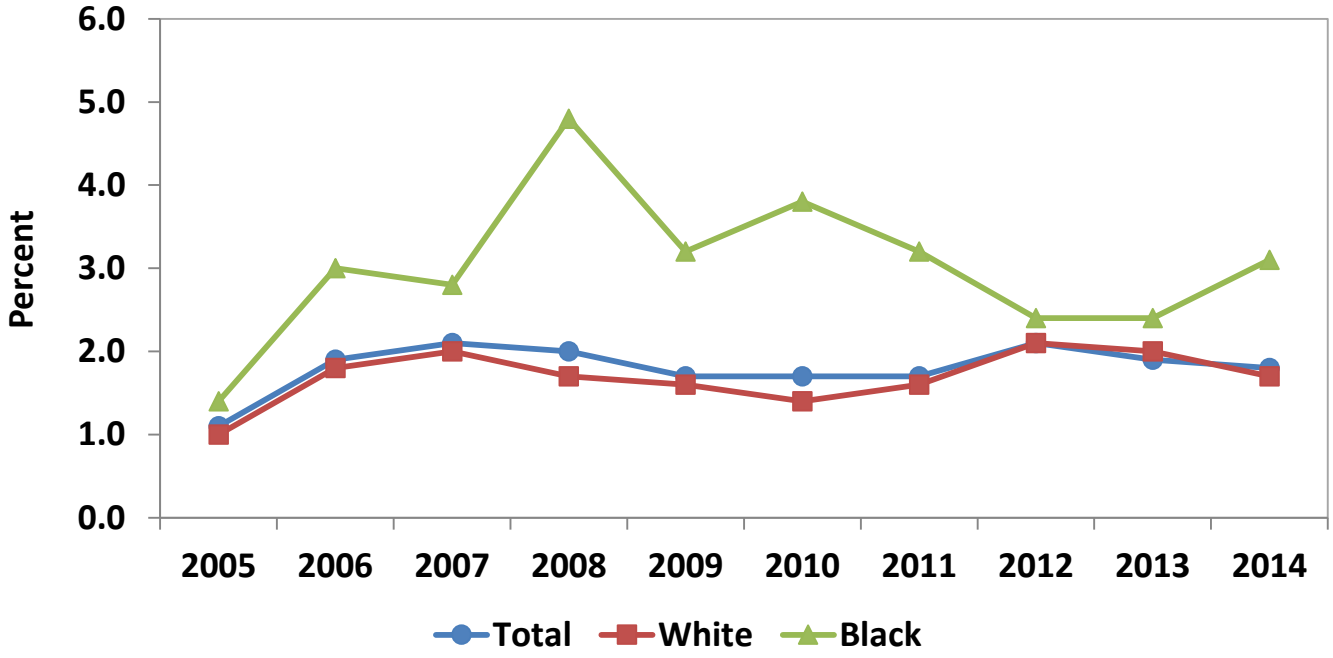
Percent of Very Low Birthweight Infants by Race of Mother
St. Joseph County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	1.6	1.8	1.5	1.6	1.7	1.6	1.8	1.2	1.7	1.2
White	1.0	1.3	1.2	1.2	1.4	1.4	1.3	1.1	1.3	1.1
Black	4.3	4.2	3.0	2.9	2.9	2.4*	3.5	2.0	3.6	1.9*

*Numerator is less than 20, the percent is unstable. We do not recommend comparing unstable percentages.
Note: Very low birthweight is less than 1,500 grams (3 lb. 5 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

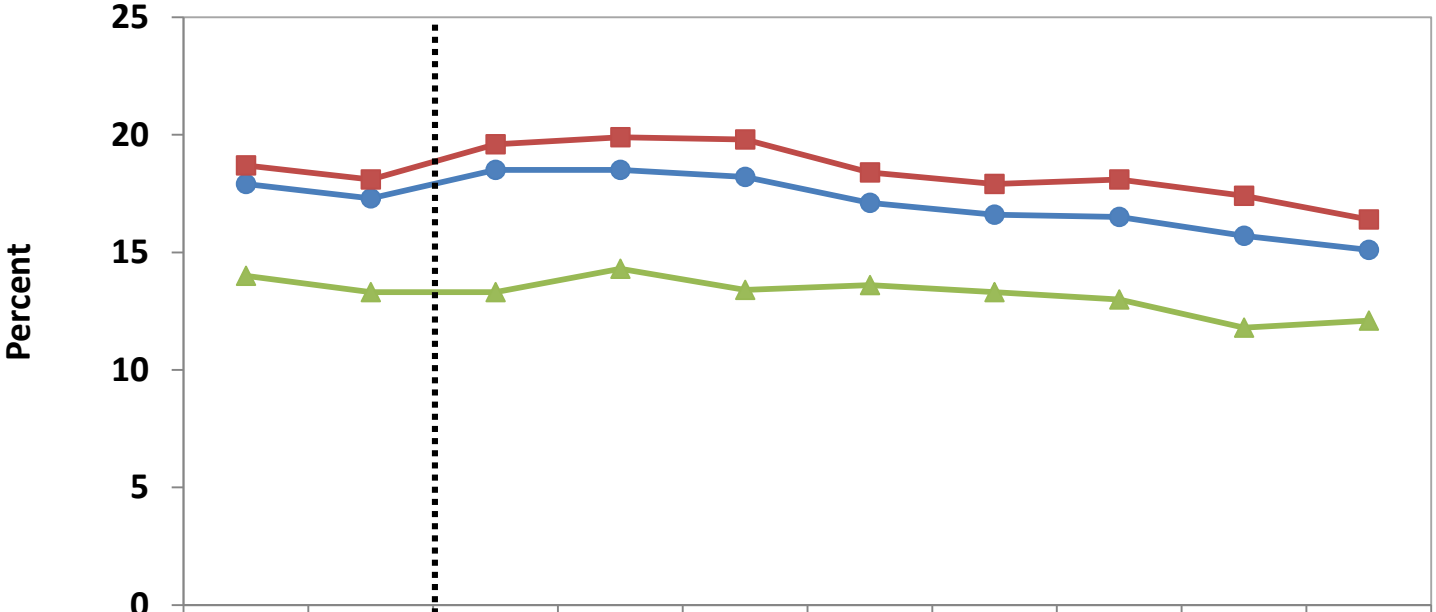
Percent of Very Low Birthweight Infants by Race of Mother
Vanderburgh County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	1.1	1.9	2.1	2.0	1.7	1.7	1.7	2.1	1.9	1.8
White	1.0	1.8	2.0	1.7	1.6	1.4	1.6	2.1	2.0	1.7
Black	1.4*	3.0*	2.8*	4.8*	3.2*	3.8*	3.2*	2.4*	2.4*	3.1*

*Numerator is less than 20, the percent is unstable. We do not recommend comparing unstable percentages.
Note: Very low birthweight is less than 1,500 grams (3 lb. 5 oz.)
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Percent of Births to Mothers Who Smoked During Pregnancy* by Race Indiana Residents, 2005 – 2014



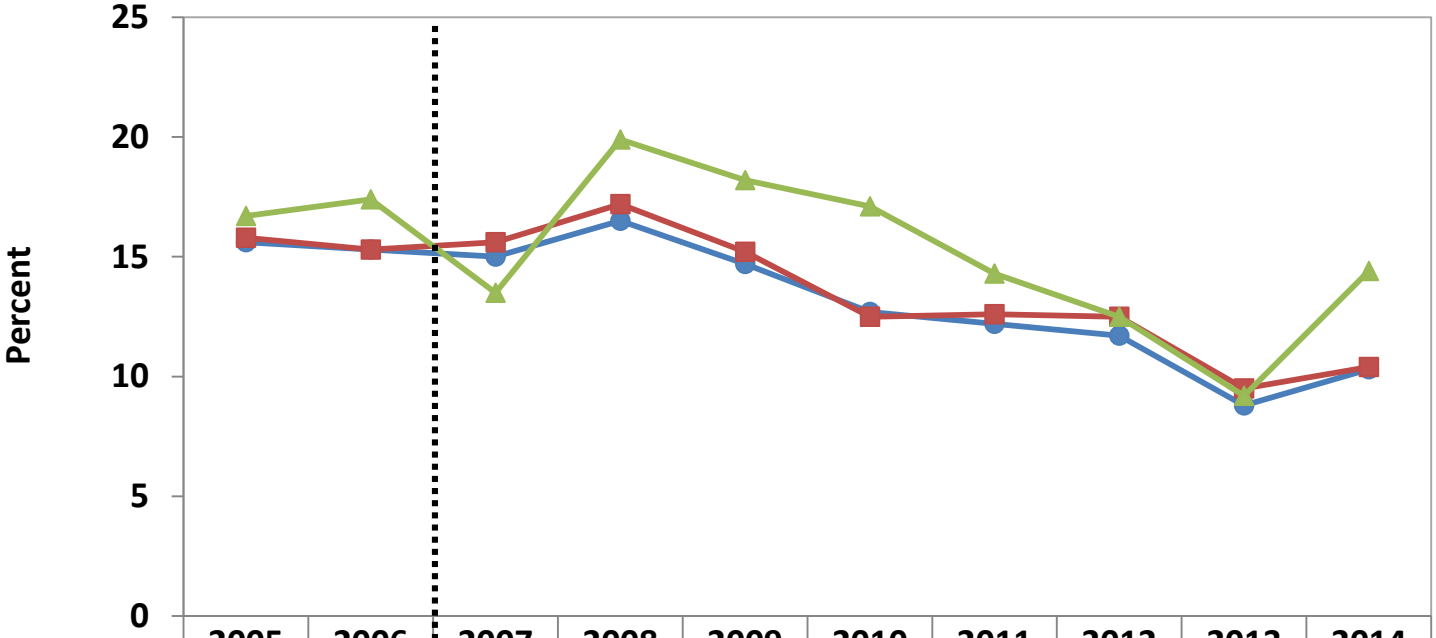
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	17.9	17.3	18.5	18.5	18.2	17.1	16.6	16.5	15.7	15.1
White	18.7	18.1	19.6	19.9	19.8	18.4	17.9	18.1	17.4	16.4
Black	14.0	13.3	13.3	14.3	13.4	13.6	13.3	13.0	11.8	12.1

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Births to Mothers Who Smoked During Pregnancy* by Race
Allen County Residents, 2005 – 2014



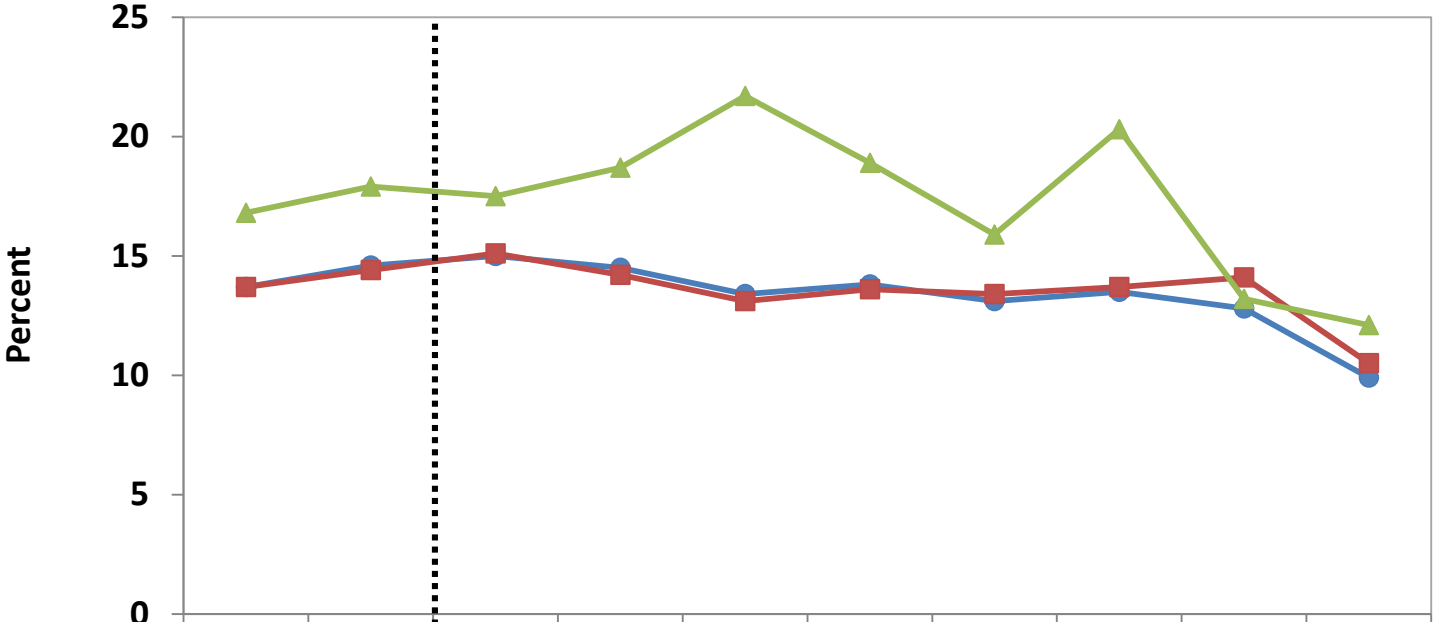
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	15.6	15.3	15.0	16.5	14.7	12.7	12.2	11.7	8.8	10.3
White	15.8	15.3	15.6	17.2	15.2	12.5	12.6	12.5	9.5	10.4
Black	16.7	17.4	13.5	19.9	18.2	17.1	14.3	12.5	9.2	14.4

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Births to Mothers Who Smoked During Pregnancy* by Race
Elkhart County Residents, 2005 – 2014



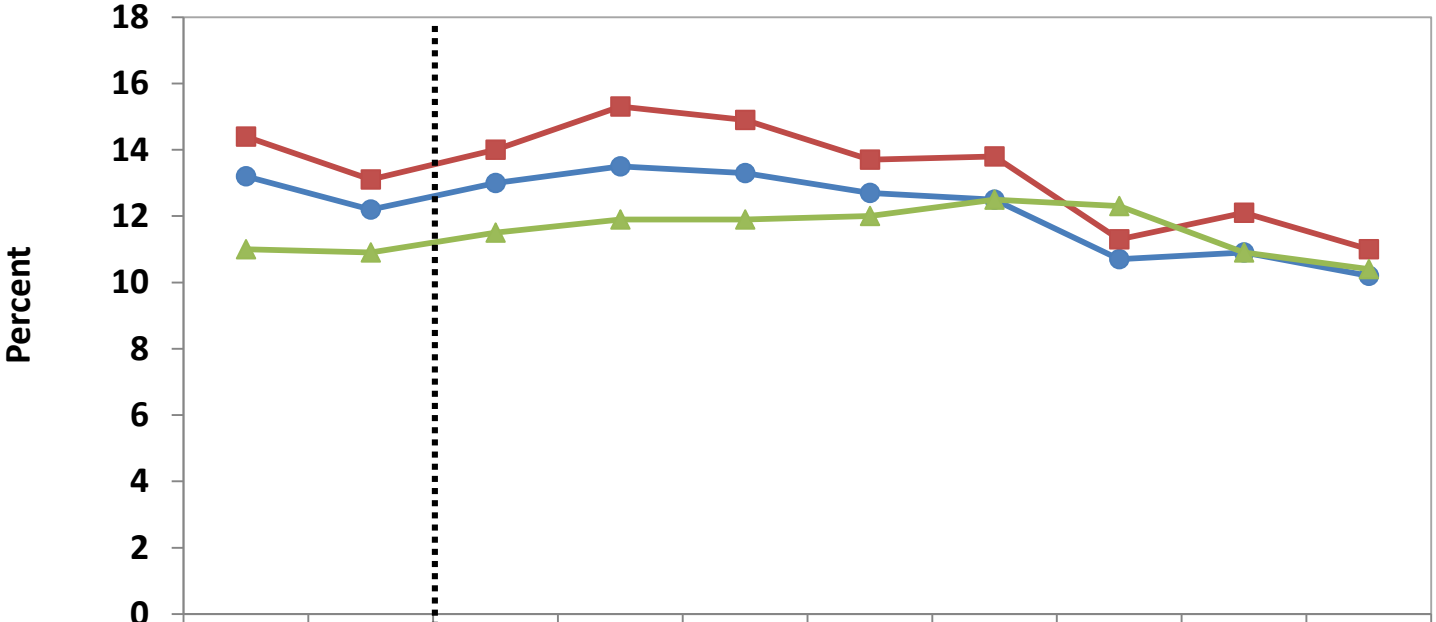
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	13.7	14.6	15.0	14.5	13.4	13.8	13.1	13.5	12.8	9.9
White	13.7	14.4	15.1	14.2	13.1	13.6	13.4	13.7	14.1	10.5
Black	16.8	17.9	17.5	18.7	21.7	18.9	15.9	20.3	13.2	12.1

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Births to Mothers Who Smoked During Pregnancy* by Race
Lake County Residents, 2005 – 2014



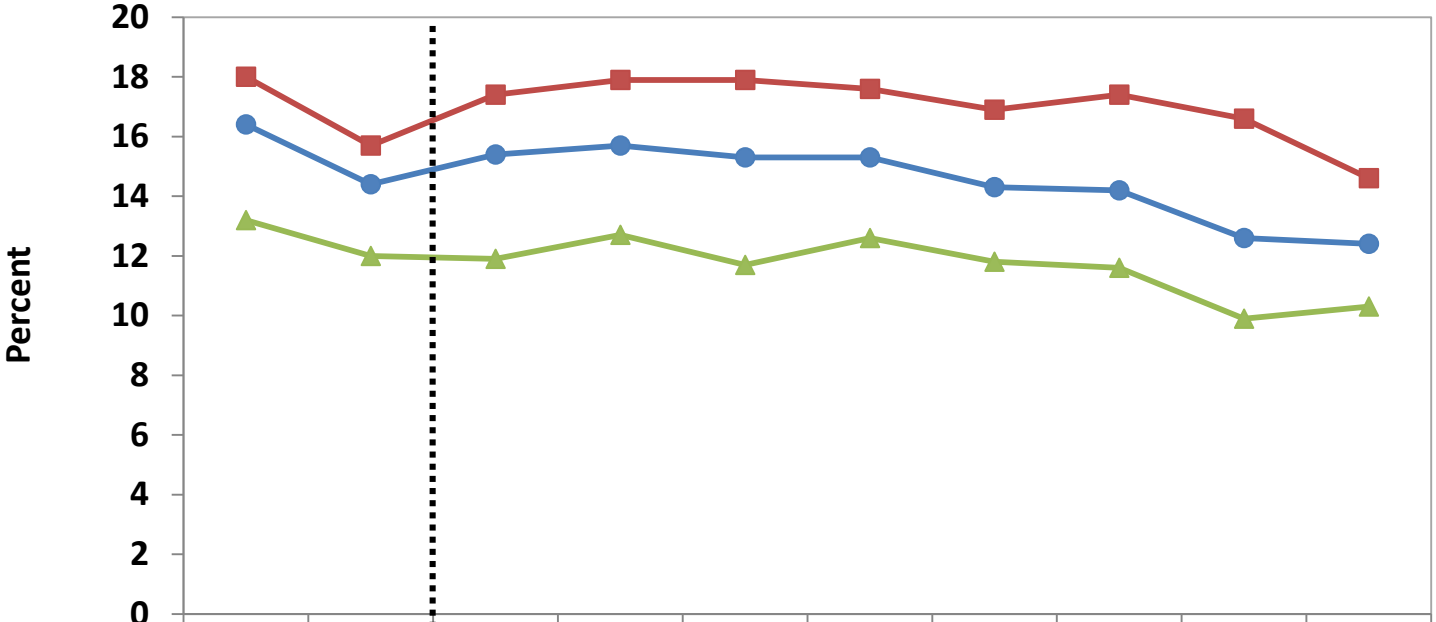
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	13.2	12.2	13.0	13.5	13.3	12.7	12.5	10.7	10.9	10.2
White	14.4	13.1	14.0	15.3	14.9	13.7	13.8	11.3	12.1	11.0
Black	11.0	10.9	11.5	11.9	11.9	12.0	12.5	12.3	10.9	10.4

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Births to Mothers Who Smoked During Pregnancy* by Race
Marion County Residents, 2005 – 2014



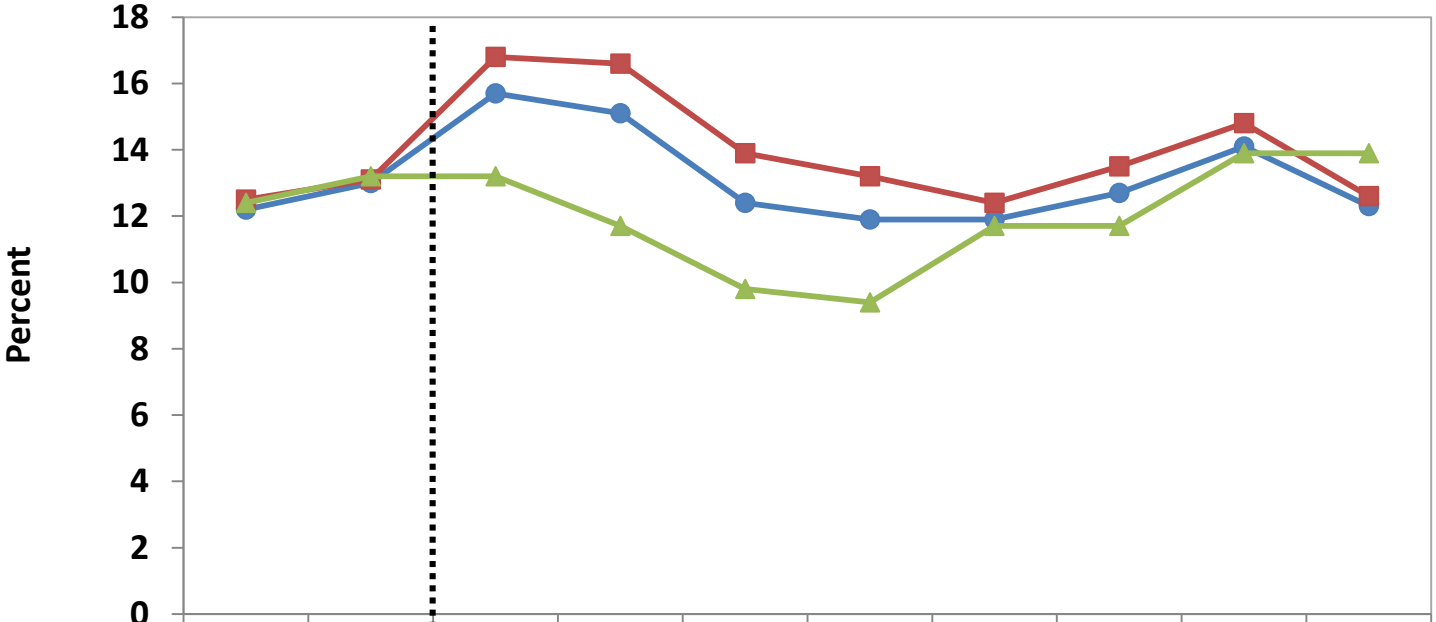
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	16.4	14.4	15.4	15.7	15.3	15.3	14.3	14.2	12.6	12.4
White	18.0	15.7	17.4	17.9	17.9	17.6	16.9	17.4	16.6	14.6
Black	13.2	12.0	11.9	12.7	11.7	12.6	11.8	11.6	9.9	10.3

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Births to Mothers Who Smoked During Pregnancy* by Race
St. Joseph County Residents, 2005 – 2014



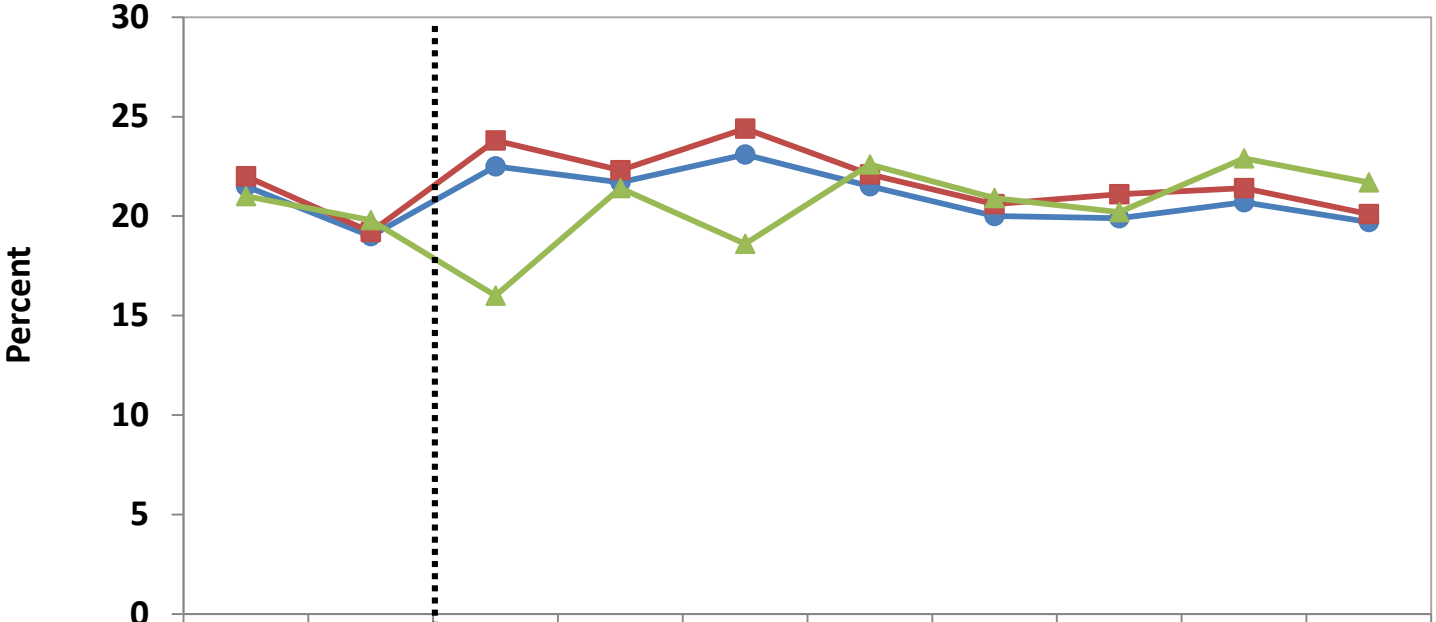
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	12.2	13.0	15.7	15.1	12.4	11.9	11.9	12.7	14.1	12.3
White	12.5	13.1	16.8	16.6	13.9	13.2	12.4	13.5	14.8	12.6
Black	12.4	13.2	13.2	11.7	9.8	9.4	11.7	11.7	13.9	13.9

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Births to Mothers Who Smoked During Pregnancy* by Race
Vanderburgh County Residents, 2005 – 2014



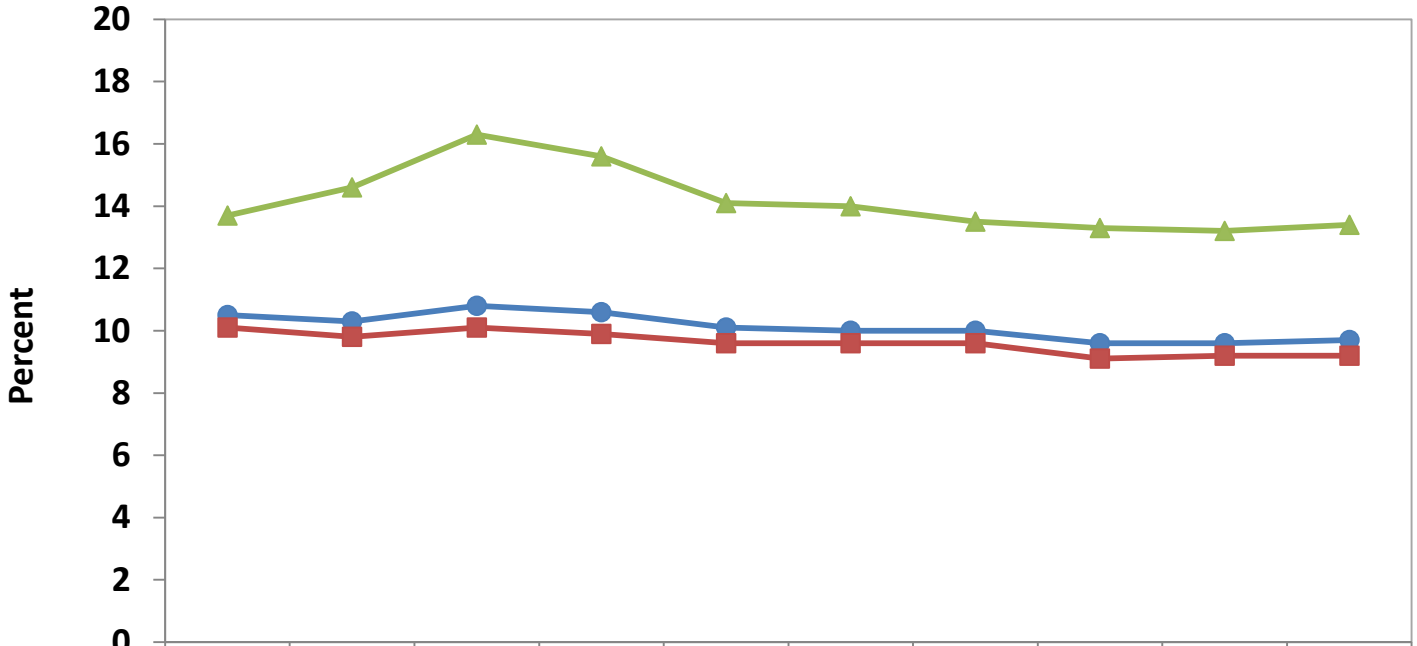
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	21.5	19.0	22.5	21.7	23.1	21.5	20.0	19.9	20.7	19.7
White	22.0	19.2	23.8	22.3	24.4	22.1	20.6	21.1	21.4	20.1
Black	21.0	19.8	16.0	21.4	18.6	22.6	20.9	20.2	22.9	21.7

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

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

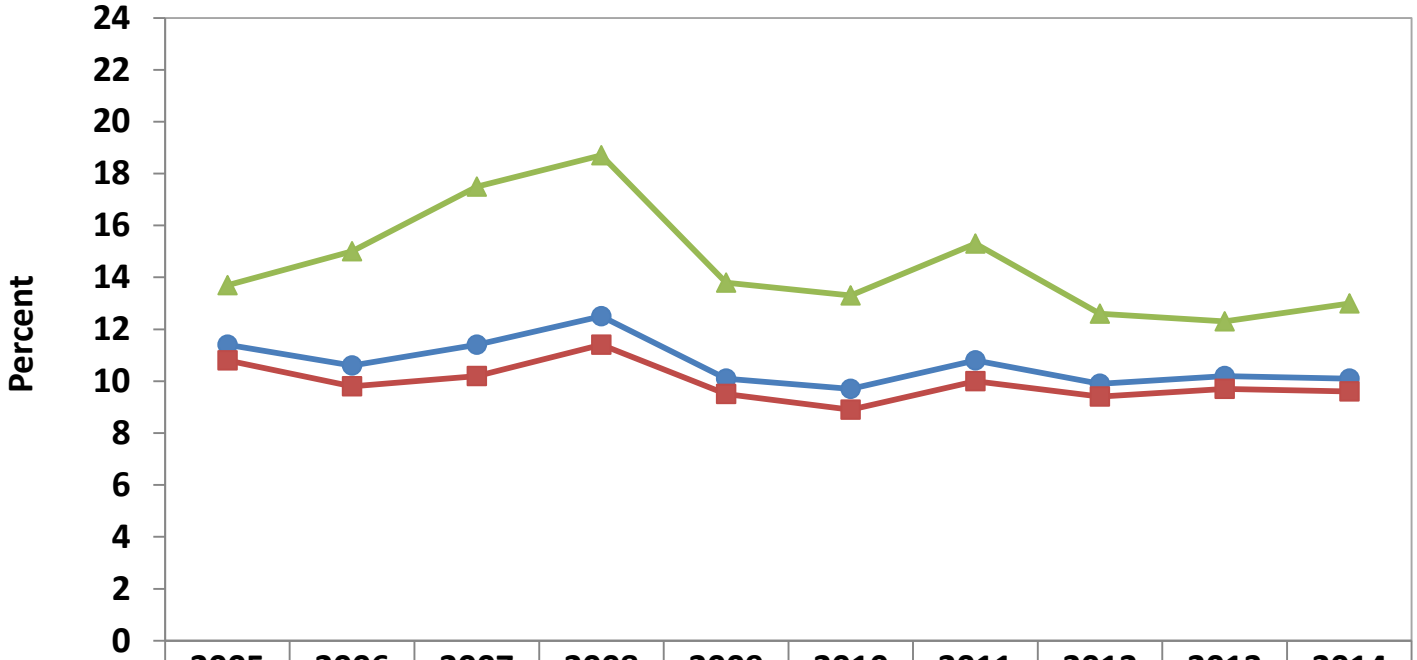
Percent of Preterm Births by Race of Mother
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	10.5	10.3	10.8	10.6	10.1	10.0	10.0	9.6	9.6	9.7
White	10.1	9.8	10.1	9.9	9.6	9.6	9.6	9.1	9.2	9.2
Black	13.7	14.6	16.3	15.6	14.1	14.0	13.5	13.3	13.2	13.4

**Preterm birth data in this report were calculated using the obstetrical estimate of gestation (clinical estimate of gestation) and are not comparable to previous MCH Outcomes Reports. Preterm birth data in this report are not comparable to NCHS and March of Dimes reports. Please see Preface for more details.
Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

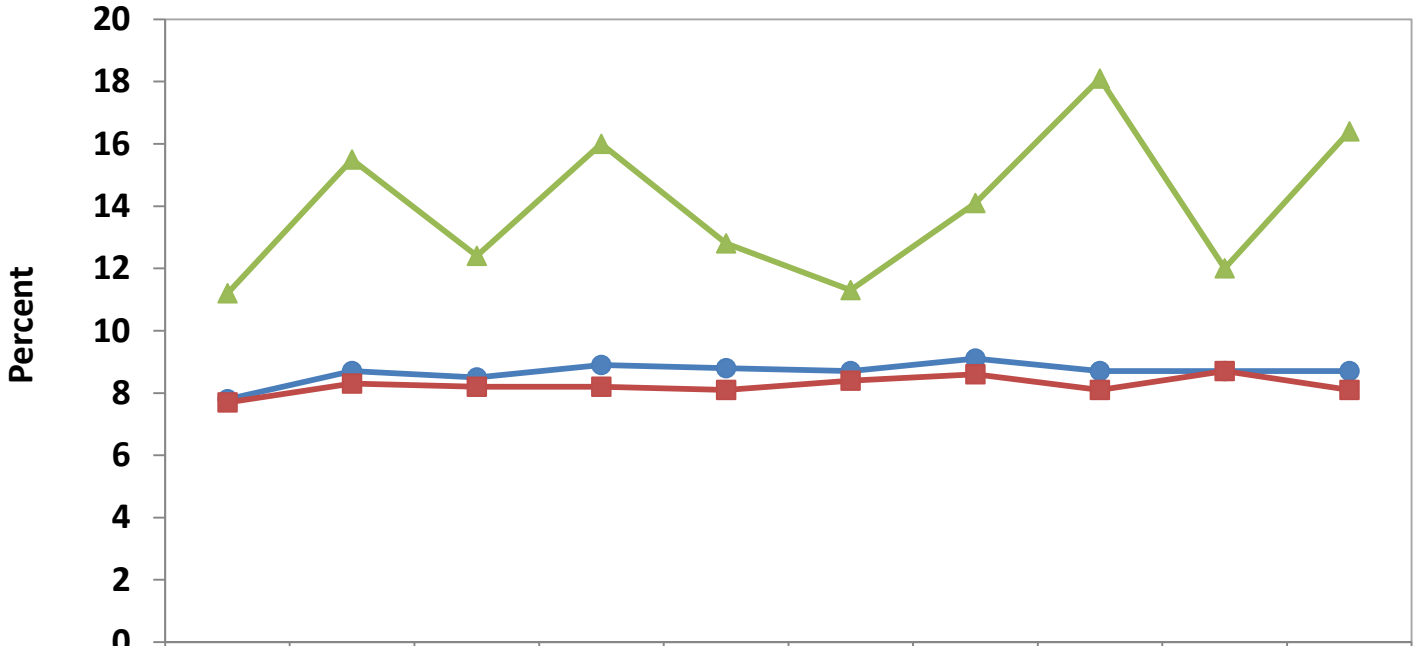
Percent of Preterm Births by Race of Mother
Allen County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	11.4	10.6	11.4	12.5	10.1	9.7	10.8	9.9	10.2	10.1
White	10.8	9.8	10.2	11.4	9.5	8.9	10.0	9.4	9.7	9.6
Black	13.7	15.0	17.5	18.7	13.8	13.3	15.3	12.6	12.3	13.0

**Preterm birth data in this report were calculated using the obstetrical estimate of gestation (clinical estimate of gestation) and are not comparable to previous MCH Outcomes Reports. Preterm birth data in this report are not comparable to NCHS and March of Dimes reports. Please see Preface for more details.
Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

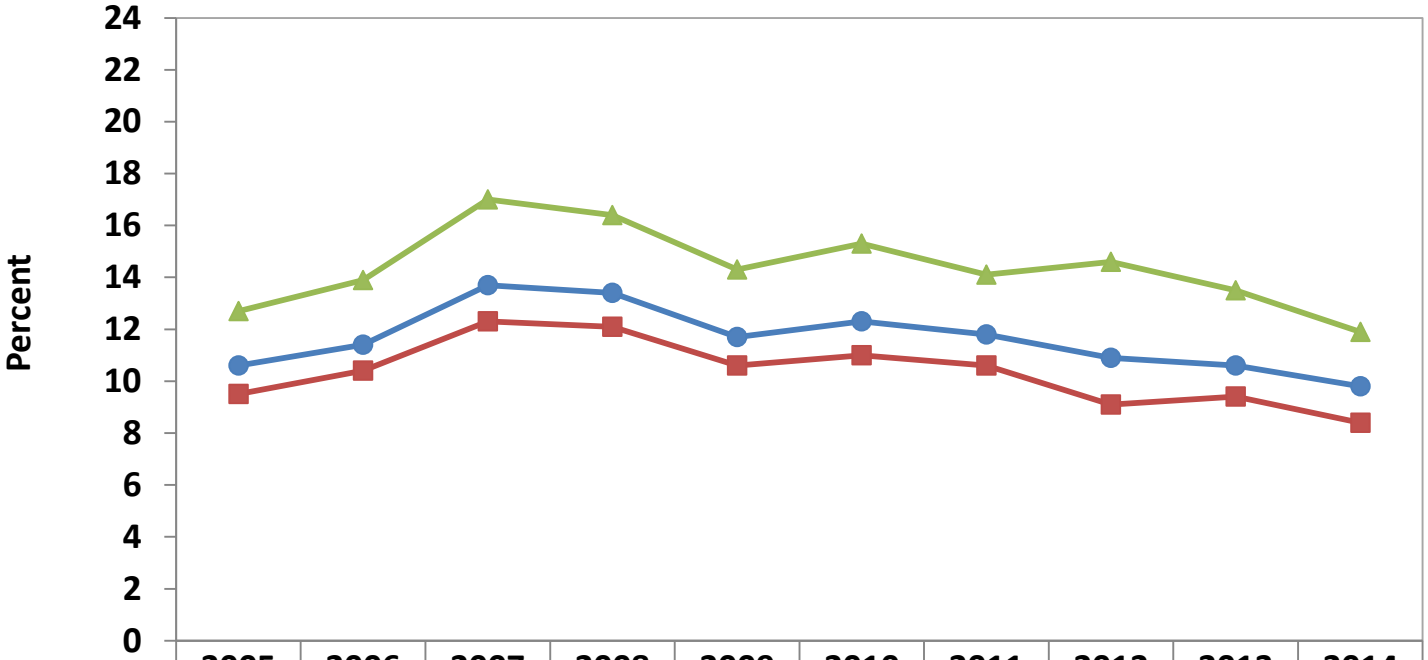
Percent of Preterm Births by Race of Mother
Elkhart County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	7.8	8.7	8.5	8.9	8.8	8.7	9.1	8.7	8.7	8.7
White	7.7	8.3	8.2	8.2	8.1	8.4	8.6	8.1	8.7	8.1
Black	11.2	15.5	12.4	16.0	12.8	11.3	14.1	18.1	12.0	16.4

**Preterm birth data in this report were calculated using the obstetrical estimate of gestation (clinical estimate of gestation) and are not comparable to previous MCH Outcomes Reports. Preterm birth data in this report are not comparable to NCHS and March of Dimes reports. Please see Preface for more details.
Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

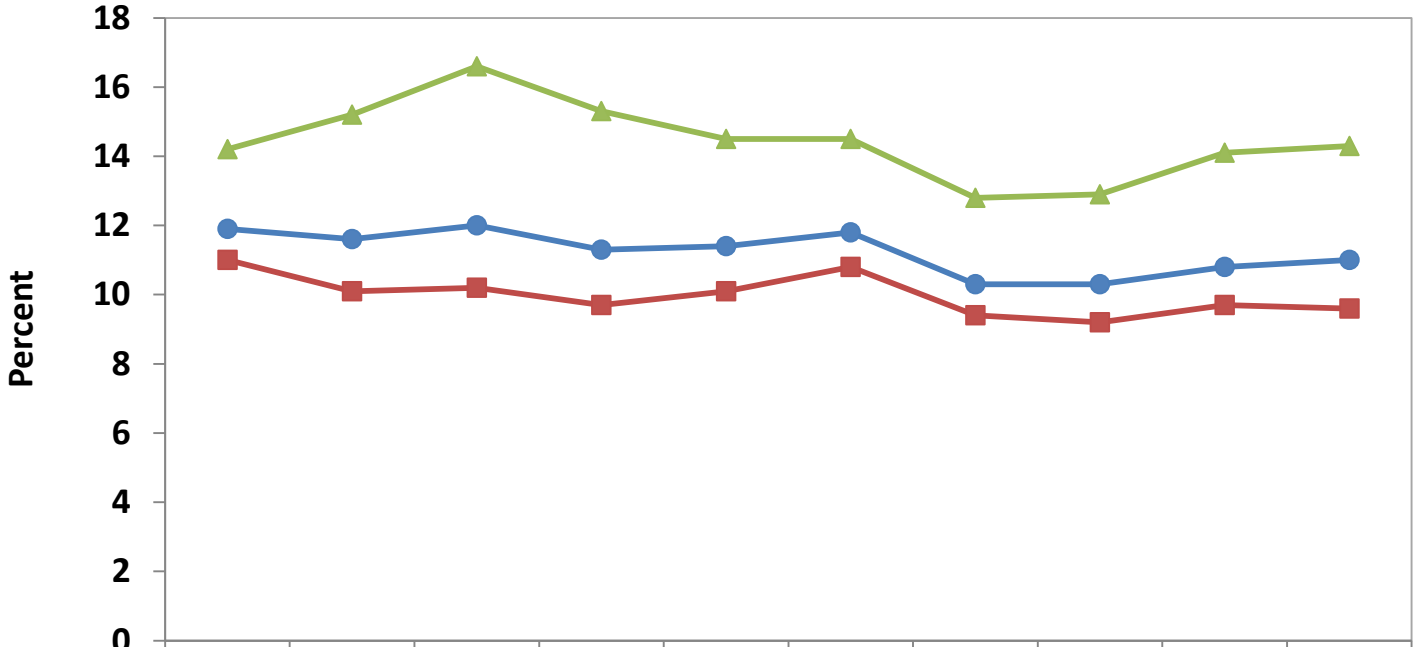
Percent of Preterm Births by Race of Mother
Lake County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	10.6	11.4	13.7	13.4	11.7	12.3	11.8	10.9	10.6	9.8
White	9.5	10.4	12.3	12.1	10.6	11.0	10.6	9.1	9.4	8.4
Black	12.7	13.9	17.0	16.4	14.3	15.3	14.1	14.6	13.5	11.9

**Preterm birth data in this report were calculated using the obstetrical estimate of gestation (clinical estimate of gestation) and are not comparable to previous MCH Outcomes Reports. Preterm birth data in this report are not comparable to NCHS and March of Dimes reports. Please see Preface for more details.
Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

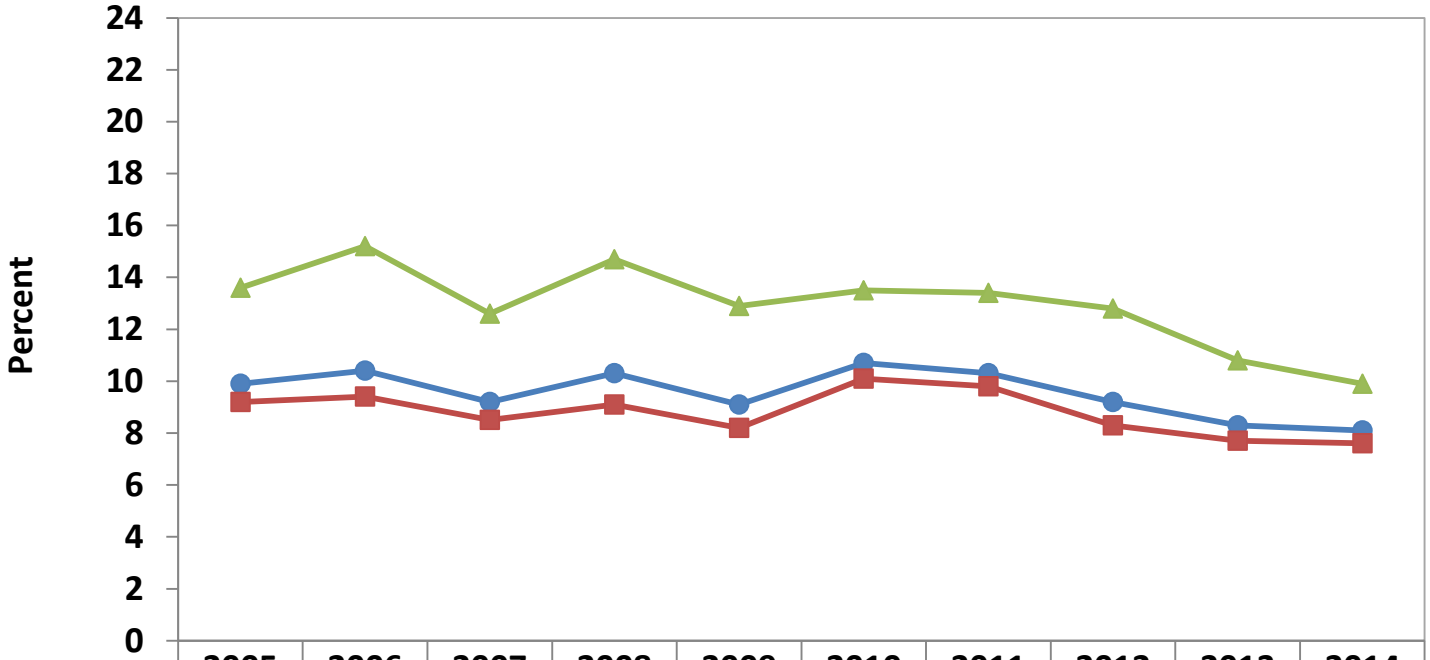
Percent of Preterm Births by Race of Mother
Marion County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	11.9	11.6	12.0	11.3	11.4	11.8	10.3	10.3	10.8	11.0
White	11.0	10.1	10.2	9.7	10.1	10.8	9.4	9.2	9.7	9.6
Black	14.2	15.2	16.6	15.3	14.5	14.5	12.8	12.9	14.1	14.3

**Preterm birth data in this report were calculated using the obstetrical estimate of gestation (clinical estimate of gestation) and are not comparable to previous MCH Outcomes Reports. Preterm birth data in this report are not comparable to NCHS and March of Dimes reports. Please see Preface for more details.
Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

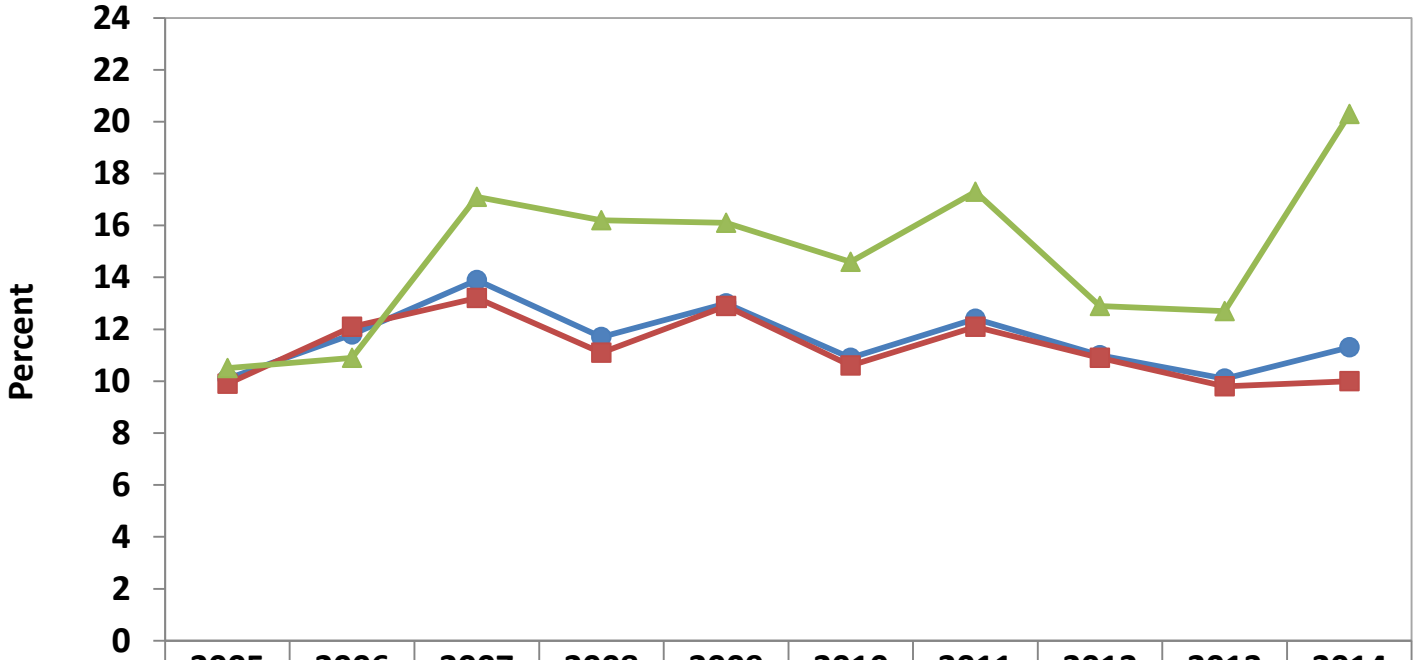
Percent of Preterm Births by Race of Mother
St. Joseph County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	9.9	10.4	9.2	10.3	9.1	10.7	10.3	9.2	8.3	8.1
White	9.2	9.4	8.5	9.1	8.2	10.1	9.8	8.3	7.7	7.6
Black	13.6	15.2	12.6	14.7	12.9	13.5	13.4	12.8	10.8	9.9

**Preterm birth data in this report were calculated using the obstetrical estimate of gestation (clinical estimate of gestation) and are not comparable to previous MCH Outcomes Reports. Preterm birth data in this report are not comparable to NCHS and March of Dimes reports. Please see Preface for more details.
Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

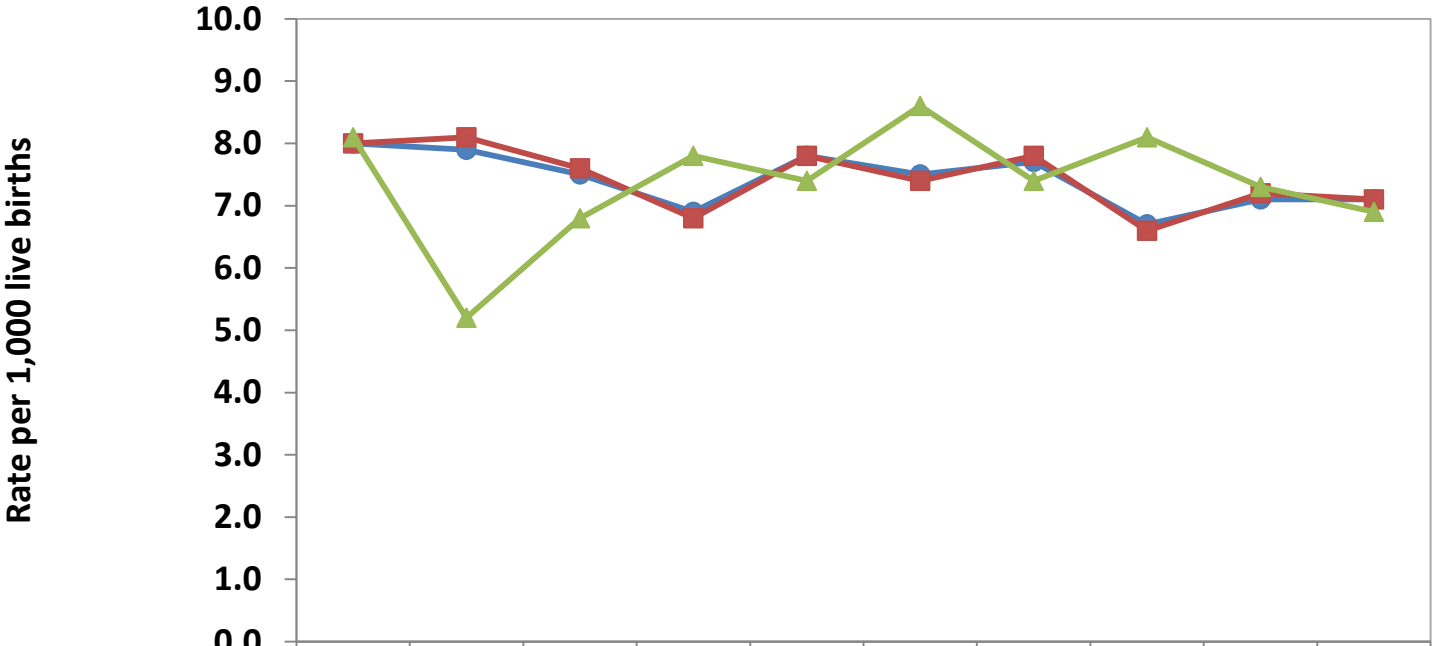
Percent of Preterm Births by Race of Mother
Vanderburgh County Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	10.1	11.8	13.9	11.7	13.0	10.9	12.4	11.0	10.1	11.3
White	9.9	12.1	13.2	11.1	12.9	10.6	12.1	10.9	9.8	10.0
Black	10.5	10.9	17.1	16.2	16.1	14.6	17.3	12.9	12.7	20.3

**Preterm birth data in this report were calculated using the obstetrical estimate of gestation (clinical estimate of gestation) and are not comparable to previous MCH Outcomes Reports. Preterm birth data in this report are not comparable to NCHS and March of Dimes reports. Please see Preface for more details.
Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

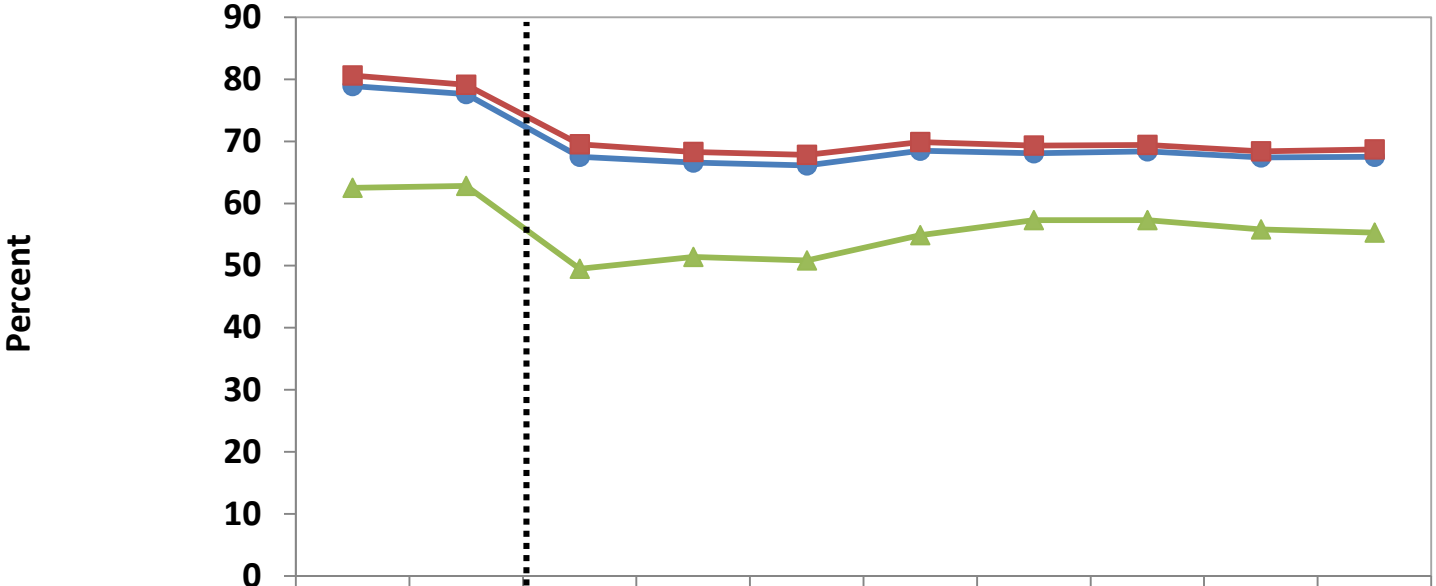
Infant Mortality Rates by Ethnicity
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	8.0	7.9	7.5	6.9	7.8	7.5	7.7	6.7	7.1	7.1
Non-Hispanic	8.0	8.1	7.6	6.8	7.8	7.4	7.8	6.6	7.2	7.1
Hispanic	8.1	5.2	6.8	7.8	7.4	8.6	7.4	8.1	7.3	6.9

Note: Hispanic ethnicity can be of any race.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester* by Ethnicity Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	78.9	77.6	67.5	66.6	66.1	68.5	68.1	68.4	67.4	67.5
Non-Hispanic	80.6	79.1	69.5	68.3	67.8	69.9	69.3	69.4	68.4	68.7
Hispanic	62.5	62.8	49.5	51.4	50.8	54.9	57.3	57.3	55.8	55.3

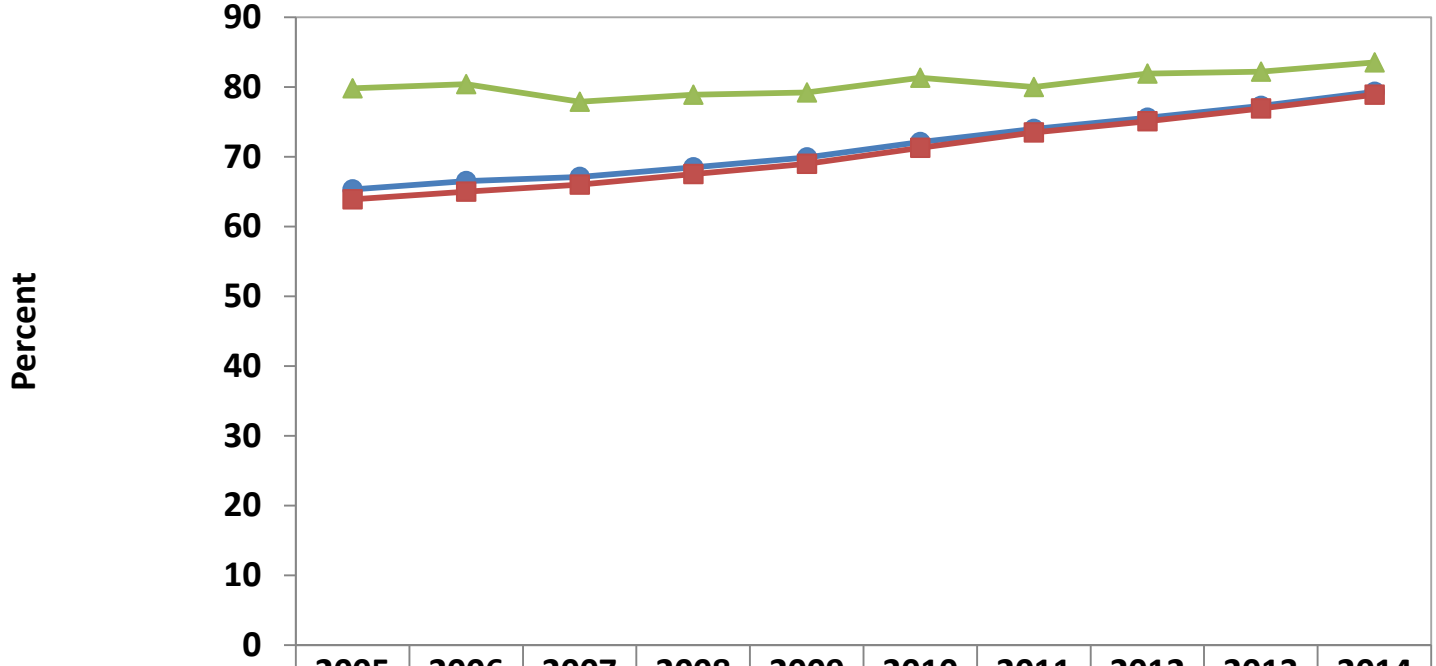
* Because of birth certificate revisions in 2007, prenatal care data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

Note: Hispanic ethnicity can be of any race. The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

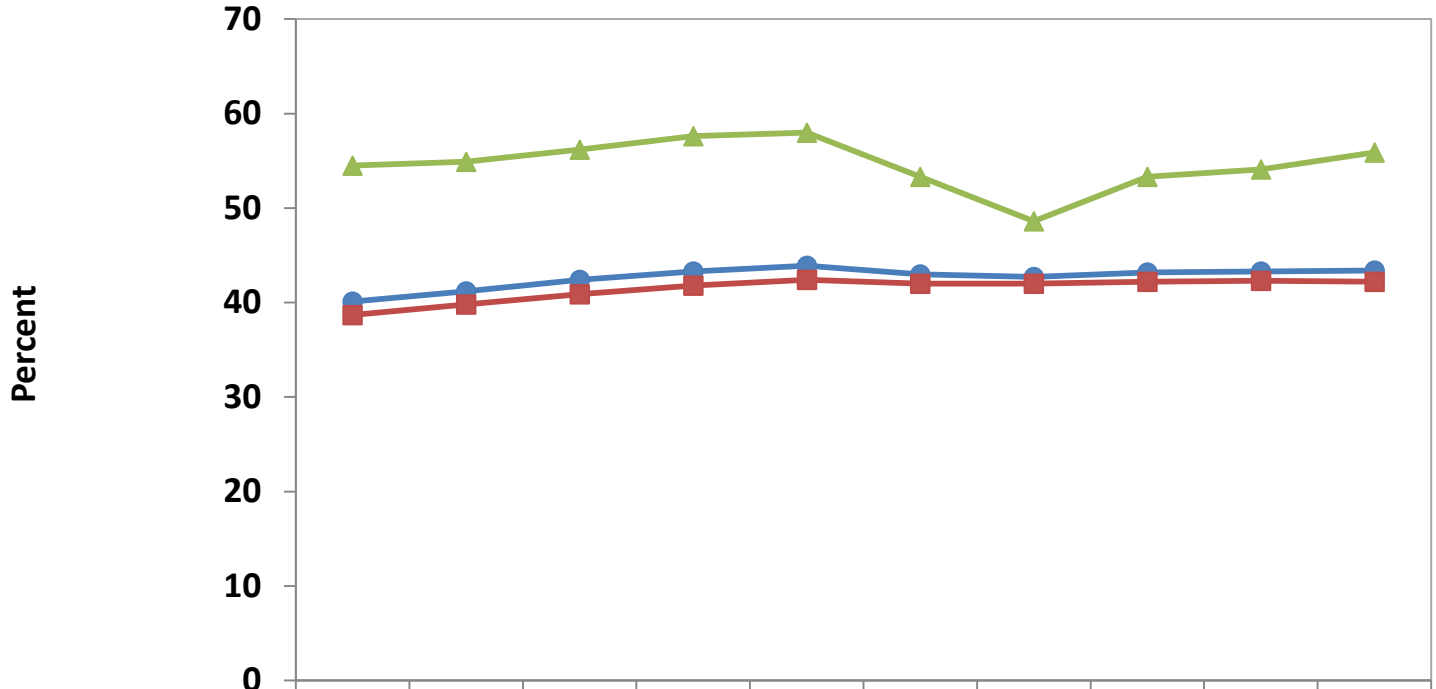
Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Ethnicity Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	65.3	66.5	67.1	68.5	69.9	72.1	74.0	75.6	77.3	79.3
Non-Hispanic	63.9	65.0	66.0	67.5	69.0	71.3	73.5	75.1	76.9	78.9
Hispanic	79.8	80.4	77.9	78.9	79.2	81.3	80.0	81.9	82.2	83.5

Note: Hispanic ethnicity can be of any race.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

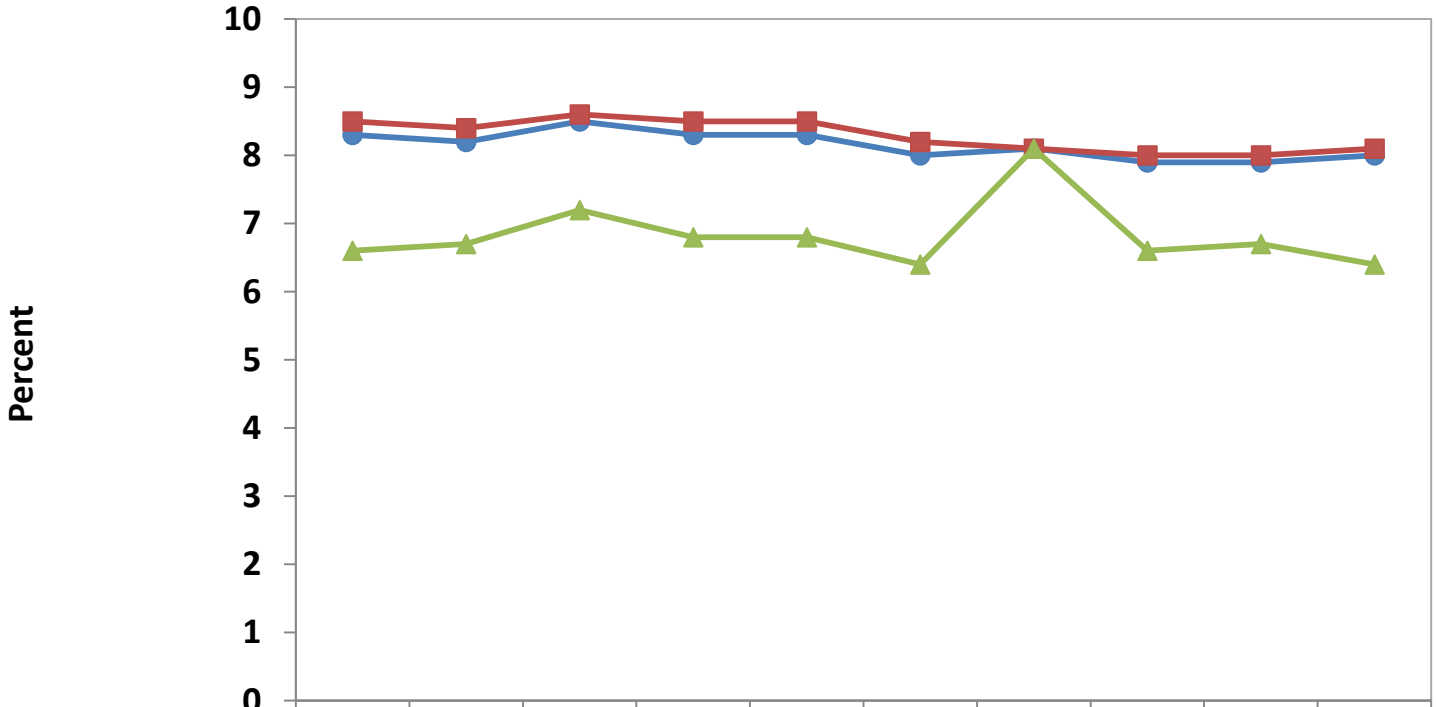
Percent of Live Births to Unmarried Mothers by Ethnicity of Mother
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	40.1	41.2	42.4	43.3	43.9	43.0	42.7	43.2	43.3	43.4
Non-Hispanic	38.7	39.8	40.9	41.8	42.4	42.0	42.0	42.2	42.3	42.2
Hispanic	54.5	54.9	56.2	57.6	58.0	53.3	48.6	53.3	54.1	55.9

Note: Hispanic ethnicity can be of any race.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

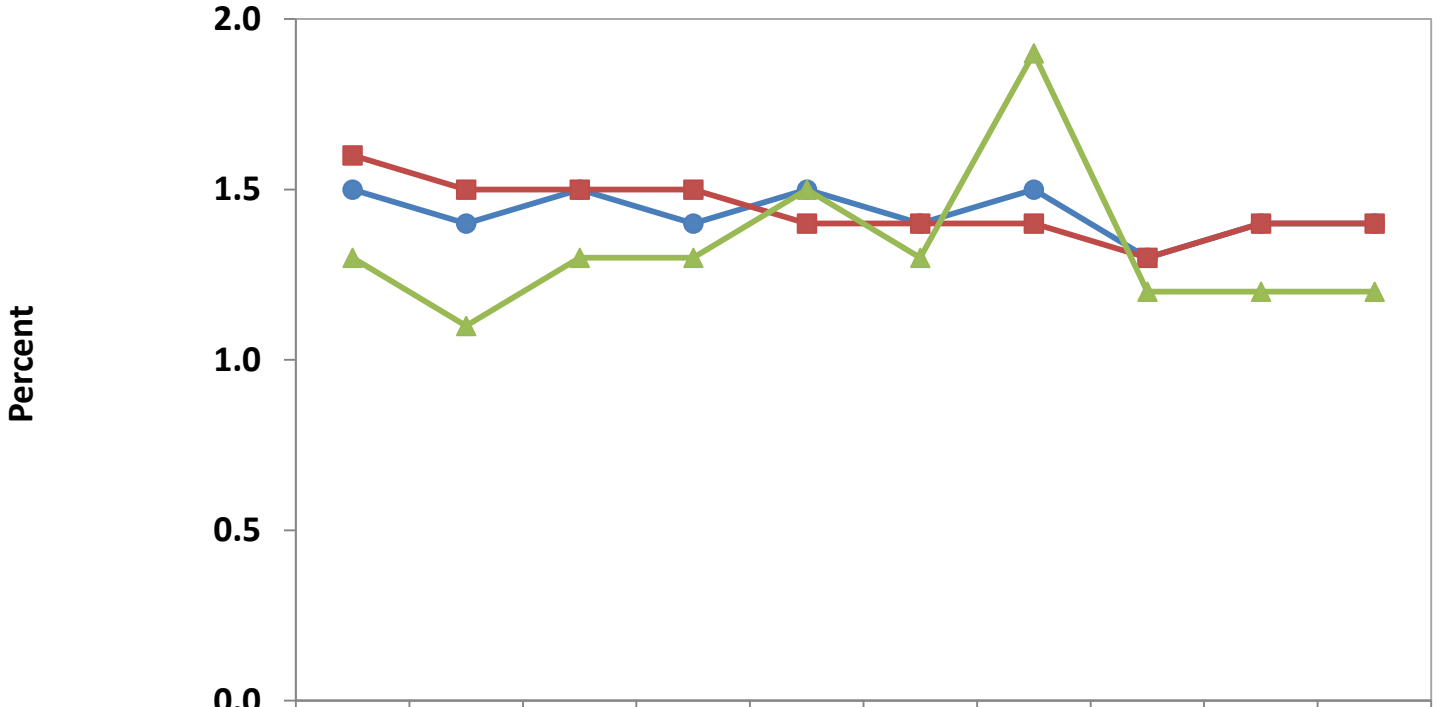
Percent of Low Birthweight Infants by Ethnicity of Mother
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	8.3	8.2	8.5	8.3	8.3	8.0	8.1	7.9	7.9	8.0
Non-Hispanic	8.5	8.4	8.6	8.5	8.5	8.2	8.1	8.0	8.0	8.1
Hispanic	6.6	6.7	7.2	6.8	6.8	6.4	8.1	6.6	6.7	6.4

Note: 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, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

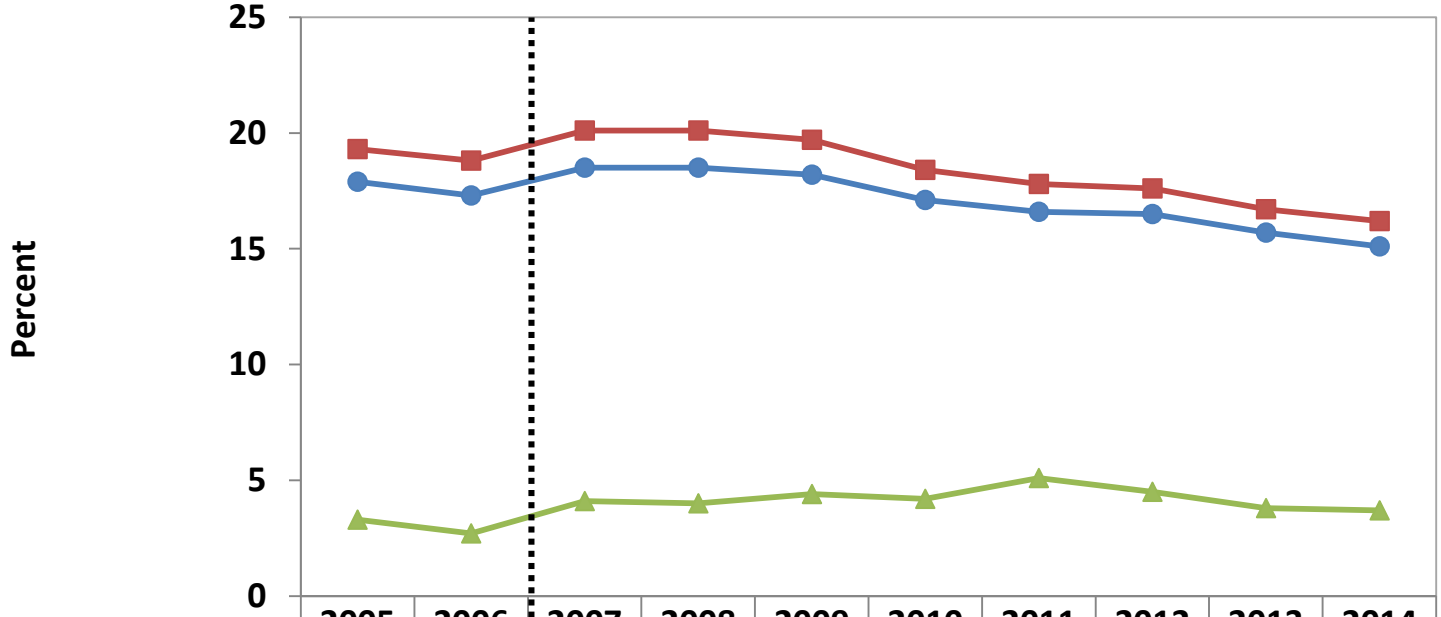
Percent of Very Low Birthweight Infants by Ethnicity of Mother
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	1.5	1.4	1.5	1.4	1.5	1.4	1.5	1.3	1.4	1.4
Non-Hispanic	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.4	1.4
Hispanic	1.3	1.1	1.3	1.3	1.5	1.3	1.9	1.2	1.2	1.2

Note: 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, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Percent of Births to Mothers Who Smoked During Pregnancy* by Ethnicity Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	17.9	17.3	18.5	18.5	18.2	17.1	16.6	16.5	15.7	15.1
Non-Hispanic	19.3	18.8	20.1	20.1	19.7	18.4	17.8	17.6	16.7	16.2
Hispanic	3.3	2.7	4.1	4.0	4.4	4.2	5.1	4.5	3.8	3.7

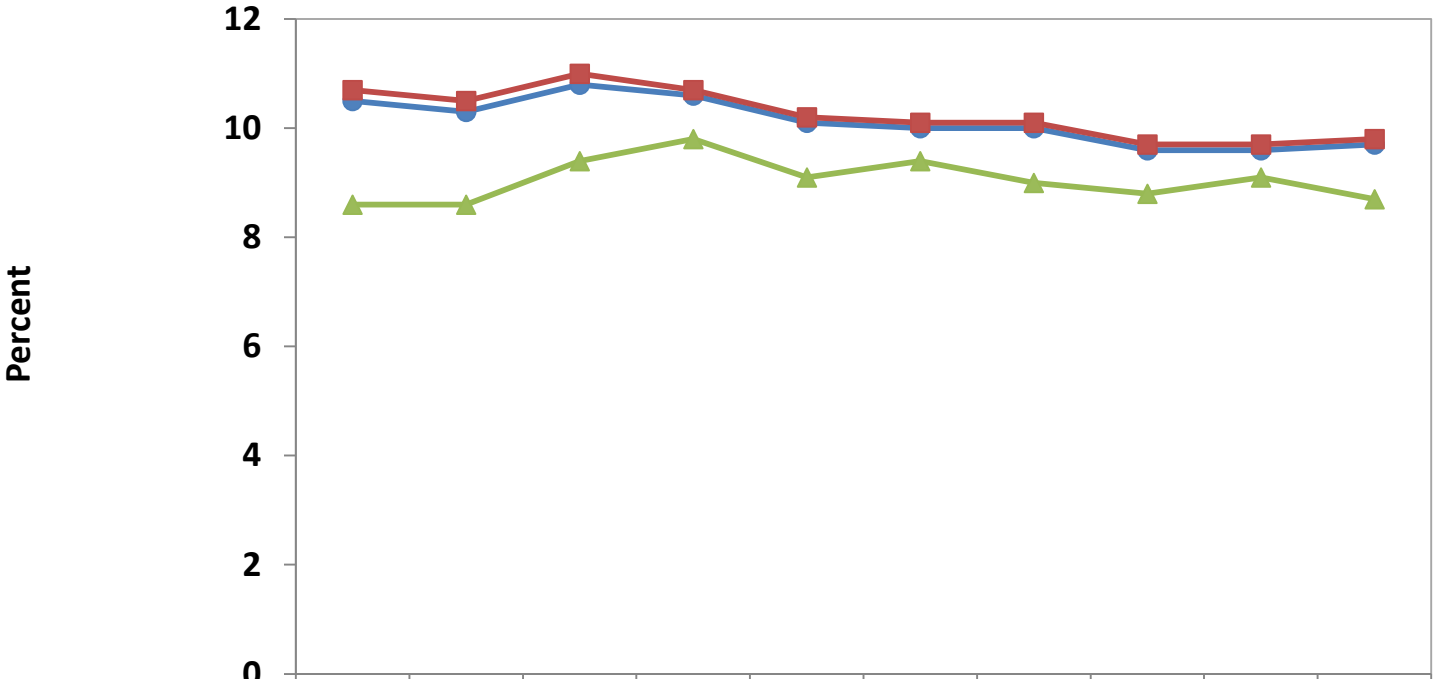
* Because of birth certificate revisions in 2007, tobacco data for 2007 and later are not comparable with data from prior years. Please see the Preface for more detailed information.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016

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

Percent of Preterm Births* by Ethnicity of Mother
Indiana Residents, 2005 – 2014



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	10.5	10.3	10.8	10.6	10.1	10.0	10.0	9.6	9.6	9.7
Non-Hispanic	10.7	10.5	11.0	10.7	10.2	10.1	10.1	9.7	9.7	9.8
Hispanic	8.6	8.6	9.4	9.8	9.1	9.4	9.0	8.8	9.1	8.7

* Preterm births based on obstetrical estimate and not comparable to data provided by March of Dimes or NCHS.
Note: Hispanic ethnicity can be of any race.
Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Live Births by County of Residence
Indiana Residents, 2005 – 2014
Total Population

County	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2005 - 2014 Average
INDIANA	87,088	89,404	89,719	88,679	86,126	83,867	83,750	83,250	83,115	83,927	85,893
Adams	641	654	667	673	643	661	658	700	673	675	665
Allen	5,295	5,492	5,448	5,506	5,463	5,312	5,252	5,251	5,080	5,229	5,333
Bartholomew	1,081	1,096	1,086	1,095	1,023	1,013	1,004	1,084	1,069	1,052	1,061
Benton	118	110	104	119	92	96	106	98	119	109	108
Blackford	141	148	156	148	142	151	145	140	146	136	146
Boone	694	676	708	741	706	660	701	728	726	786	713
Brown	90	97	137	137	139	100	121	126	126	97	117
Carroll	207	214	230	227	219	214	212	236	200	220	218
Cass	572	567	545	539	517	494	510	514	471	515	525
Clark	1,393	1,513	1,450	1,479	1,525	1,407	1,448	1,436	1,538	1,433	1,463
Clay	325	368	291	330	294	328	307	320	310	306	318
Clinton	510	524	534	518	487	444	396	483	432	461	479
Crawford	104	135	124	122	121	106	110	120	108	135	119
Daviess	508	536	547	536	512	501	559	534	527	531	530
Dearborn	653	587	602	641	372	521	558	530	483	510	546
Decatur	355	365	318	361	315	305	319	317	366	333	336
DeKalb	585	545	571	522	565	534	510	485	535	562	542
Delaware	1,305	1,229	1,340	1,268	1,307	1,245	1,294	1,225	1,277	1,231	1,273
Dubois	563	575	539	543	533	515	508	508	540	573	540
Elkhart	3,478	3,562	3,557	3,430	3,163	3,006	2,976	3,048	2,961	3,109	3,229
Fayette	309	300	304	281	278	262	241	229	254	249	271
Floyd	916	840	878	918	853	912	893	875	873	873	884
Fountain	195	200	209	223	217	190	181	180	219	180	200
Franklin	287	293	310	254	137	245	250	253	243	250	253
Fulton	268	249	267	285	279	261	220	253	257	279	262
Gibson	421	431	452	377	404	396	437	402	424	433	418
Grant	775	877	866	816	840	778	805	734	832	747	807
Greene	380	392	401	369	376	353	364	353	329	346	367
Hamilton	3,693	3,713	3,926	3,910	3,861	3,787	3,887	3,689	3,917	3,888	3,828
Hancock	888	901	897	848	810	757	781	759	759	732	814

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Live Births by County of Residence
Indiana Residents, 2005 – 2014
Total Population

County	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2005 - 2014 Average
INDIANA	87,088	89,404	89,719	88,679	86,126	83,867	83,750	83,250	83,115	83,927	85,893
Harrison	459	447	473	481	436	400	429	390	414	452	439
Hendricks	1,620	1,686	1,859	1,844	1,787	1,728	1,808	1,653	1,723	1,797	1,751
Henry	567	486	506	541	544	463	456	476	502	483	503
Howard	1,089	1,115	1,131	1,122	994	1,000	971	1,033	980	1,003	1,044
Huntington	451	481	488	453	423	417	409	435	424	428	441
Jackson	622	572	584	583	551	564	532	583	591	620	581
Jasper	465	470	430	387	397	405	394	399	358	385	409
Jay	303	306	320	285	307	296	311	296	296	339	306
Jefferson	363	369	383	381	391	353	344	377	335	388	369
Jennings	403	391	371	374	370	337	349	341	347	363	365
Johnson	1,676	1,838	1,913	1,913	1,861	1,776	1,861	1,858	1,831	1,814	1,835
Knox	471	514	497	481	424	459	454	505	461	484	475
Kosciusko	1,067	1,167	1,099	1,154	1,000	977	1,012	1,029	1,038	1,080	1,063
LaGrange	756	714	783	787	714	791	724	744	788	699	750
Lake	6,872	6,937	6,759	6,663	6,724	6,488	6,183	5,991	6,023	6,080	6,472
LaPorte	1,364	1,371	1,438	1,411	1,380	1,309	1,338	1,286	1,319	1,331	1,355
Lawrence	537	534	507	522	513	485	470	503	461	486	502
Madison	1,650	1,594	1,674	1,598	1,631	1,612	1,550	1,461	1,545	1,432	1,575
Marion	14,653	15,545	15,401	15,333	15,346	14,583	14,581	14,585	14,287	14,573	14,889
Marshall	679	662	667	621	619	575	614	584	559	570	615
Martin	140	126	140	146	123	116	119	141	148	133	134
Miami	480	449	433	416	406	390	366	364	367	378	405
Monroe	1,309	1,298	1,388	1,298	1,281	1,318	1,286	1,301	1,265	1,309	1,306
Montgomery	475	448	493	453	508	445	463	485	463	430	467
Morgan	851	871	877	863	807	772	834	729	722	743	807
Newton	133	138	138	162	137	140	148	155	125	132	141
Noble	682	766	703	703	642	595	578	586	578	630	647
Ohio	55	71	60	57	53	56	44	68	51	52	57
Orange	251	246	264	224	237	216	227	211	268	214	236
Owen	247	237	249	259	236	249	226	210	243	216	238
Parke	188	194	204	187	188	192	187	204	196	195	194

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Live Births by County of Residence
Indiana Residents, 2005 – 2014
Total Population

County	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2005 - 2014 Average
INDIANA	87,088	89,404	89,719	88,679	86,126	83,867	83,750	83,250	83,115	83,927	85,893
Perry	219	236	223	209	221	214	218	206	182	177	211
Pike	159	158	152	138	145	149	149	133	154	126	147
Porter	1,793	1,836	1,886	1,868	1,772	1,728	1,756	1,779	1,770	1,824	1,802
Posey	227	252	250	284	283	272	279	290	275	265	268
Pulaski	159	177	160	161	166	149	123	133	143	146	152
Putnam	408	368	418	405	383	353	361	328	375	353	376
Randolph	298	295	338	324	291	312	298	318	298	297	307
Ripley	406	389	369	384	352	374	319	325	328	331	358
Rush	214	226	223	197	164	176	170	198	160	200	193
St. Joseph	3,827	4,013	3,762	3,832	3,565	3,500	3,539	3,497	3,557	3,480	3,658
Scott	310	352	346	327	283	278	304	280	286	266	304
Shelby	505	539	572	538	503	532	555	474	495	522	524
Spencer	233	237	247	245	214	218	256	194	236	249	233
Starke	279	298	317	307	280	277	260	280	252	257	281
Steuben	440	396	411	387	359	354	373	347	410	366	385
Sullivan	216	235	216	235	214	239	232	232	245	247	232
Switzerland	102	128	135	133	136	132	120	115	142	128	128
Tippecanoe	2,081	2,205	2,324	2,320	2,230	2,149	2,211	2,316	2,221	2,340	2,240
Tipton	177	175	173	160	126	158	159	131	137	164	156
Union	94	92	82	87	35	84	82	68	67	82	78
Vanderburgh	2,451	2,520	2,468	2,326	2,349	2,346	2,259	2,365	2,263	2,236	2,359
Vermillion	200	171	175	154	194	172	156	158	175	150	171
Vigo	1,280	1,375	1,338	1,321	1,255	1,308	1,309	1,281	1,280	1,315	1,307
Wabash	383	393	377	390	354	354	358	336	360	330	364
Warren	83	94	78	99	88	91	110	94	80	93	91
Warrick	631	677	685	701	676	715	625	625	633	664	664
Washington	328	345	328	318	319	305	291	316	331	311	320
Wayne	910	920	886	882	875	823	829	832	767	765	849
Wells	306	387	305	359	331	338	365	355	322	336	341
White	330	322	330	280	328	297	298	280	297	276	304
Whitely	411	361	449	390	412	409	365	371	372	412	396

Source: Indiana State Department of Health, Maternal and Child Health Epidemiology Division, 2016
Original Source: Indiana State Department of Health, ERC, Data Analysis Team

Infant Mortality Rate, Total Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*	RANK	COUNTY	RATE*
1	Floyd	4.4	46	Vanderburgh	8.1
1	Hamilton	4.4	47	Miami	8.2
3	Harrison	5.0	48	Jackson	8.3
4	Hendricks	5.1	49	Montgomery	8.6
4	Porter	5.1	49	Bartholomew	8.6
6	Boone	5.2	51	Cass	8.8
6	Steuben	5.2	52	LaPorte	8.9
8	Clark	5.3	52	St. Joseph	8.9
9	Wabash	5.5	52	Lake	8.9
10	Marshall	5.7	52	Adams	8.9
10	Warrick	5.7	56	Fulton	9.2
10	Monroe	5.7	56	Marion	9.2
13	Howard	5.8	58	Delaware	9.4
14	Johnson	5.9	58	Henry	9.4
15	Whitley	6.1	60	Starke	9.6
16	Jefferson	6.2	61	Greene	9.8
17	Washington	6.3	62	Jay	10.1
17	De Kalb	6.3	63	Grant	10.5
17	Knox	6.3			
20	Putnam	6.4		INDIANA	7.4
20	Lagrange	6.4			
22	Gibson	6.5			
22	Dubois	6.5			
24	Tippecanoe	6.6			
24	Vigo	6.6			
25	Dearborn	6.6			
27	Kosciusko	6.7			
27	Morgan	6.7			
29	Jennings	6.9			
29	Madison	6.9			
29	Shelby	6.9			
29	Clay	6.9			
33	Noble	7.0			
33	Ripley	7.0			
33	Hancock	7.0			
36	Jasper	7.1			
36	Clinton	7.1			
36	Elkhart	7.1			
39	Lawrence	7.2			
40	White	7.6			
41	Fayette	7.8			
42	Wayne	7.9			
42	Scott	7.9			
42	Daviess	7.9			
45	Allen	8.0			

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Infant Mortality Rate, White Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Floyd	3.9
2	Hamilton	4.0
3	Hendricks	4.7
4	Howard	4.9
5	Porter	5.0
6	Clark	5.1
6	Harrison	5.1
6	Marshall	5.1
9	Knox	5.2
9	Warrick	5.2
11	Boone	5.3
11	Steuben	5.3
13	Johnson	5.6
14	Allen	5.7
14	St. Joseph	5.7
16	Elkhart	5.8
16	De Kalb	5.8
18	Monroe	5.9
19	Vigo	6.0
20	Whitley	6.2
20	Madison	6.2
20	Jefferson	6.2
20	Clinton	6.2
20	Tippecanoe	6.2
20	Marion	6.2
26	Lagrange	6.3
27	Dearborn	6.4
27	Hancock	6.4
29	Dubois	6.5
29	Gibson	6.5
29	Posey	6.5
32	Lake	6.6
32	Putnam	6.6
34	Jennings	6.7
34	Shelby	6.7
36	Kosciusko	6.8
36	Morgan	6.8
36	LaPorte	6.8
39	Ripley	6.9
39	Noble	6.9
41	Wayne	7.0
41	Jasper	7.0
41	Clay	7.0
44	Lawrence	7.3
45	Spencer	7.4
46	Vanderburgh	7.5
46	Jackson	7.5
48	Cass	7.6
49	Scott	7.7
50	Bartholomew	8.0
51	Delaware	8.1
51	Daviess	8.1
53	Miami	8.2
54	Adams	8.7
55	Montgomery	8.8
56	Henry	9.2
57	Fulton	9.5
58	Starke	9.8
59	Greene	10.0
59	Jay	10.0
59	Grant	10.0
	INDIANA	6.2

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Infant Mortality Rate, Black Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Vanderburgh	12.5
2	Lake	14.1
3	Marion	14.6
4	Madison	14.7
5	Tippecanoe	16.0
5	LaPorte	16.0
7	Elkhart	17.4
8	Delaware	19.6
9	St. Joseph	20.1
10	Allen	21.2
	INDIANA	15.3

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Infant Mortality Rate, Non-Hispanic Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Hamilton	4.3
2	Floyd	4.4
3	Marshall	4.7
4	Porter	4.9
5	Harrison	5.0
5	Hendricks	5.0
5	Boone	5.0
8	Knox	5.5
9	Owen	5.6
10	Johnson	5.7
10	Howard	5.7
10	Clark	5.7
13	Warrick	5.8
14	Monroe	5.9
14	Whitley	5.9
16	Steuben	6.0
16	Jefferson	6.0
18	Dubois	6.1
19	Lagrange	6.2
20	De Kalb	6.3
21	Shelby	6.4
22	Jennings	6.5
22	Putnam	6.5
22	Vigo	6.5
25	Tippecanoe	6.6
25	Gibson	6.6
25	Kosciusko	6.6
28	Morgan	6.7
28	Clay	6.7
28	Dearborn	6.7
31	Jackson	6.8
32	Noble	6.9
32	Madison	6.9
34	Lawrence	7.1
34	Hancock	7.1
34	Jasper	7.1
37	Ripley	7.2
38	Elkhart	7.4
39	Wayne	7.8
39	Scott	7.8
39	Fayette	7.8
42	Clinton	8.0
43	Miami	8.1
43	Vanderburgh	8.1
43	Montgomery	8.1
46	Allen	8.3
47	Daviess	8.4
48	Bartholomew	8.5
49	Adams	8.7
49	Henry	8.7
51	LaPorte	9.0
52	Cass	9.1
53	St. Joseph	9.2
53	Lake	9.2
55	Delaware	9.3
56	Marion	9.4
57	Switzerland	9.6
58	Fulton	9.7
59	Jay	9.9
59	Starke	9.9
61	Greene	10.0
62	Grant	10.8
	INDIANA	7.4

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Infant Mortality Rate, Hispanic Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Allen	4.8
2	St. Joseph	5.8
3	Elkhart	6.2
4	Lake	6.8
5	Marion	8.2
	INDIANA	7.2

*Rate per 1,000 Live Births

Note: Hispanic ethnicity can be of any race. Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Neonatal Mortality Rate, Total Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*	RANK	COUNTY	RATE*
1	Floyd	2.3	39	Bartholomew	5.9
2	Porter	2.8	40	Delaware	6.0
3	Hamilton	3.0	40	St. Joseph	6.0
4	Howard	3.1	42	Grant	6.2
4	Clark	3.1	43	Marion	6.4
6	Boone	3.4	44	Adams	6.5
6	Noble	3.4	45	Henry	6.6
8	Hendricks	3.6	46	Greene	7.6
9	De Kalb	3.7			
10	Daviess	3.8		INDIANA	4.8
11	Dubois	3.9			
12	Vigo	4.0			
12	Monroe	4.0			
12	Lawrence	4.0			
12	Madison	4.0			
12	Johnson	4.0			
17	Elkhart	4.1			
17	Marshall	4.1			
17	Warrick	4.1			
17	Wayne	4.1			
21	Knox	4.2			
21	Kosciusko	4.2			
23	Tippecanoe	4.3			
24	Clinton	4.4			
25	Montgomery	4.5			
25	Lagrange	4.5			
27	Dearborn	4.6			
28	Hancock	4.7			
29	Miami	4.9			
30	Shelby	5.0			
30	Gibson	5.0			
32	Morgan	5.1			
33	Jackson	5.2			
33	Allen	5.2			
35	Vanderburgh	5.5			
36	Lake	5.6			
36	LaPorte	5.6			
38	Cass	5.7			

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Neonatal Mortality Rate, White Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Howard	2.6
1	Porter	2.6
1	Hamilton	2.6
4	Clark	2.9
5	Hendricks	3.2
6	Wayne	3.3
7	Noble	3.5
7	Elkhart	3.5
9	Boone	3.6
9	Madison	3.6
9	Warrick	3.6
12	Vigo	3.7
12	Johnson	3.7
14	Allen	3.8
15	Dubois	3.9
15	Marshall	3.9
17	Lawrence	4.1
17	Tippecanoe	4.1
17	LaPorte	4.1
17	Jackson	4.1
21	St. Joseph	4.2
21	Kosciusko	4.2
21	Monroe	4.2
21	Hancock	4.2
25	Lake	4.3
25	Marion	4.3
27	Spencer	4.4
27	Lagrange	4.4
29	Dearborn	4.5
30	Montgomery	4.7
31	Shelby	4.9
32	Cass	5.0
32	Delaware	5.0
32	Gibson	5.0
35	Miami	5.1
36	Morgan	5.2
37	Vanderburgh	5.4
38	Bartholomew	5.5
39	Grant	5.7
40	Adams	6.2
41	Henry	6.5
42	Greene	7.7
	INDIANA	4.0

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Neonatal Mortality Rate, Black Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Lake	8.7
2	Marion	9.8
3	LaPorte	10.9
4	St. Joseph	12.6
5	Allen	13.4
	INDIANA	9.8

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Neonatal Mortality Rate, Non-Hispanic Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Porter	2.5
2	Hamilton	2.9
3	Howard	3.0
4	Boone	3.2
5	Clark	3.3
6	Hendricks	3.6
7	De Kalb	3.8
7	Johnson	3.8
9	Wayne	3.9
10	Madison	4.0
10	Vigo	4.0
10	Elkhart	4.0
13	Monroe	4.1
13	Lawrence	4.1
13	Jackson	4.1
13	Warrick	4.1
17	Lagrange	4.4
17	Kosciusko	4.4
19	Tippecanoe	4.6
20	Montgomery	4.7
20	Dearborn	4.7
22	Hancock	4.8
23	Shelby	5.0
24	Gibson	5.1
24	Morgan	5.1
26	Allen	5.4
27	Vanderburgh	5.5
28	LaPorte	5.7
29	Bartholomew	5.8
29	Lake	5.8
29	Cass	5.8
32	Delaware	5.9
33	Henry	6.1
34	St. Joseph	6.2
34	Grant	6.2
34	Adams	6.2
37	Marion	6.5
38	Greene	7.8
	INDIANA	4.8

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Neonatal Mortality Rate, Hispanic Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Elkhart	4.2
2	Lake	4.4
3	Marion	6.1
	INDIANA	5.0

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Post-neonatal Mortality Rate, Total Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Hamilton	1.4
2	Hendricks	1.5
3	Monroe	1.8
4	Johnson	1.9
5	Tippecanoe	2.2
6	Clark	2.3
6	Porter	2.3
8	Kosciusko	2.4
9	Vigo	2.6
10	Vanderburgh	2.6
10	Bartholomew	2.6
12	Howard	2.8
12	Allen	2.8
12	Marion	2.8
15	Madison	2.9
15	St. Joseph	2.9
17	Elkhart	3.1
18	LaPorte	3.2
19	Lake	3.3
20	Delaware	3.4
21	Noble	3.6
22	Wayne	3.8
23	Daviess	4.2
24	Grant	4.3
	INDIANA	2.6

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Post-neonatal Mortality Rate, White Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Hendricks	1.4
2	Hamilton	1.5
3	St. Joseph	1.6
4	Marion	1.9
4	Johnson	1.9
4	Allen	1.9
7	Vanderburgh	2.1
7	Tippecanoe	2.1
9	Clark	2.3
9	Elkhart	2.3
9	Lake	2.3
12	Vigo	2.4
12	Howard	2.4
12	Porter	2.4
15	Bartholomew	2.5
16	Madison	2.6
16	Kosciusko	2.6
18	LaPorte	2.8
19	Delaware	3.1
20	Noble	3.5
21	Wayne	3.7
22	Grant	4.3
23	Daviess	4.4
	INDIANA	2.2

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Post-neonatal Mortality Rate, Black Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Marion	4.8
2	Lake	5.3
3	St. Joseph	7.5
4	Allen	7.8
5	Elkhart	11.0
	INDIANA	5.5

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Post-neonatal Mortality Rate, Non-Hispanic Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Hamilton	1.5
1	Hendricks	1.5
3	Johnson	1.8
3	Monroe	1.8
5	Tippecanoe	2.0
6	Kosciusko	2.2
7	Porter	2.4
7	Clark	2.4
9	Vigo	2.6
10	Howard	2.7
10	Vanderburgh	2.7
10	Bartholomew	2.7
13	Allen	2.9
14	Madison	3.0
14	Marion	3.0
14	St. Joseph	3.0
17	LaPorte	3.3
17	Elkhart	3.3
19	Delaware	3.4
19	Lake	3.4
21	Wayne	3.9
22	Daviess	4.5
23	Grant	4.6
	INDIANA	2.7

*Rate per 1,000 Live Births

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Post-neonatal Mortality Rate, Hispanic Indiana Residents, 2005 – 2014

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

RANK	COUNTY	RATE*
1	Marion	2.1
2	Lake	2.4
	INDIANA	2.2

*Rate per 1,000 Live Births

Note: Hispanic ethnicity can be of any race. Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Prenatal Care Began in First Trimester, Total Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT*	RANK	COUNTY	PERCENT*
1	Hamilton	84.5	49	Morgan	71.7
2	Boone	82.9	49	Vigo	71.7
3	Gibson	81.9	51	Starke	71.6
4	Knox	81.3	52	Wells	71.2
5	Hancock	81.2	53	Howard	71.1
6	Posey	81.1	54	Clark	70.7
6	Dubois	81.1	55	Carroll	70.6
8	Warrick	80.7	56	DeKalb	70.5
9	Henry	80.5	57	Union	70.4
10	Hendricks	80.4	58	Brown	70.2
11	Delaware	80.1	59	Vermillion	70.1
12	Harrison	79.7	59	Wayne	70.1
13	Pike	79.4	61	White	69.9
13	Spencer	79.4	62	Benton	69.8
15	Monroe	78.6	62	Jennings	69.8
16	Randolph	78.1	64	Steuben	69.6
17	Fayette	77.7	64	Tippecanoe	69.6
18	Ohio	77.4	66	Warren	69.3
19	Dearborn	77.2	67	Montgomery	68.7
19	Martin	77.2	68	Switzerland	68.1
21	Porter	76.9	69	Newton	67.7
22	Lawrence	76.8	70	Grant	67.5
23	Jefferson	76.7	71	Cass	67.3
24	Putnam	76.3	72	Washington	67.2
25	Huntington	76.1	73	Bartholomew	67.1
26	Tipton	75.8	73	Fulton	67.1
27	Rush	75.7	75	Decatur	66.9
28	Miami	75.6	76	Lake	66.6
29	Greene	75.5	77	Noble	66.4
30	Jackson	75.0	78	St. Joseph	66.2
31	Sullivan	74.8	78	Marshall	66.2
32	Johnson	74.4	80	Scott	65.1
32	Shelby	74.4	81	Allen	65.0
32	Vanderburgh	74.4	82	Daviess	64.5
35	Perry	74.1	82	Marion	64.5
35	Ripley	74.1	84	Clinton	64.3
37	Jasper	74.0	84	Jay	64.3
38	Blackford	73.7	86	LaPorte	63.9
39	Orange	73.3	87	Parke	61.6
40	Clay	73.1	88	Fountain	60.5
40	Owen	73.1	89	Elkhart	58.6
42	Madison	73.0	90	Kosciusko	56.0
42	Floyd	73.0	91	Adams	47.6
44	Franklin	72.8	92	LaGrange	40.4
45	Crawford	72.7			
45	Whitley	72.7			
47	Wabash	72.6		INDIANA	69.7
48	Pulaski	72.1			

*The values are percentages of live births and do not include the unknowns.
Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Prenatal Care Began in First Trimester, White Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT*	RANK	COUNTY	PERCENT*
1	Hamilton	85.5	49	Howard	72.3
2	Boone	83.2	50	Clark	72.2
3	Gibson	82.3	50	Pulaski	72.2
4	Dubois	82.1	52	Tippecanoe	72.1
5	Hancock	81.7	52	Wayne	72.1
6	Posey	81.6	52	Starke	72.1
6	Knox	81.6	55	Morgan	71.8
8	Warrick	81.3	55	Wells	71.8
9	Hendricks	81.2	57	Union	71.0
10	Delaware	81.1	58	Carroll	70.8
11	Henry	80.7	59	Lake	70.7
12	Harrison	79.8	60	DeKalb	70.6
12	Monroe	79.8	61	White	70.5
14	Spencer	79.5	62	Benton	70.4
15	Pike	79.4	63	Vermillion	70.2
16	Randolph	78.7	64	Brown	70.0
17	Fayette	78.1	64	Steuben	70.0
18	Dearborn	77.7	64	Jennings	70.0
18	Ohio	77.7	64	St. Joseph	70.0
20	Porter	77.6	68	Montgomery	69.7
21	Martin	77.4	69	Grant	69.5
22	Jefferson	77.3	70	Warren	69.2
23	Vanderburgh	77.0	71	Marion	68.8
24	Lawrence	76.9	72	Allen	68.1
25	Jackson	76.7	72	Switzerland	68.1
26	Putnam	76.6	72	Newton	68.1
27	Tipton	76.3	75	Cass	68.0
28	Huntington	76.2	76	Bartholomew	67.7
29	Rush	75.9	77	Fulton	67.3
29	Miami	75.9	77	Washington	67.3
31	Greene	75.6	79	Noble	67.2
32	Floyd	75.4	80	Decatur	67.1
33	Johnson	75.1	81	Marshall	66.8
34	Sullivan	74.9	82	LaPorte	66.5
35	Shelby	74.6	83	Scott	65.5
36	Madison	74.3	84	Daviess	65.0
36	Perry	74.3	85	Clinton	64.7
36	Ripley	74.3	86	Jay	64.3
39	Jasper	74.0	87	Parke	61.5
40	Blackford	73.7	88	Fountain	60.8
41	Clay	73.6	89	Elkhart	60.0
42	Orange	73.5	90	Kosciusko	57.1
43	Franklin	73.3	91	Adams	47.5
44	Owen	73.1	92	LaGrange	40.3
45	Wabash	72.9			
46	Whitley	72.8			
47	Crawford	72.7		INDIANA	72.0
48	Vigo	72.6			

*The values are percentages of live births and do not include the unknowns.
Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Prenatal Care Began in First Trimester, Black Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	PERCENT*
1	Shelby	77.1
2	Fayette	72.7
2	Delaware	72.7
4	Henry	72.2
5	Hancock	72.0
6	Hamilton	71.5
7	Gibson	70.0
8	Hendricks	69.5
9	Daviess	69.4
10	Jefferson	68.4
10	Porter	68.4
12	Posey	68.2
13	Miami	64.9
14	Knox	64.4
15	Wayne	64.0
16	Monroe	63.8
17	Warrick	63.6
18	Boone	63.4
19	Madison	61.8
20	Johnson	60.8
21	Vanderburgh	60.6
22	Howard	59.9
22	Vigo	59.9
24	Clark	59.8
25	Cass	59.7
26	Lake	59.6
27	Marion	56.8
28	Allen	53.3
29	Floyd	52.9
30	Bartholomew	52.6
31	St. Joseph	51.7
32	LaPorte	51.5
33	Grant	51.4
34	Jackson	48.2
35	Kosciusko	46.8
36	Tippecanoe	46.4
37	Elkhart	45.7
	INDIANA	57.1

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

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Prenatal Care Began in First Trimester, Non-Hispanic Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT*	RANK	COUNTY	PERCENT*
1	Hamilton	85.5	50	White	72.5
2	Dubois	83.6	51	Pulaski	72.3
3	Boone	83.1	51	Clinton	72.3
4	Gibson	81.9	53	Starke	72.0
5	Posey	81.5	53	Wayne	72.0
5	Knox	81.5	55	Vigo	71.9
7	Hancock	81.4	55	Tippecanoe	71.9
8	Warrick	81.1	57	Morgan	71.8
9	Hendricks	80.9	58	Wells	71.7
10	Henry	80.5	59	Carroll	71.5
11	Delaware	80.3	60	Howard	71.4
11	Spencer	80.3	61	DeKalb	70.9
13	Harrison	79.7	61	Union	70.9
14	Randolph	79.5	63	Montgomery	70.8
15	Pike	79.4	63	Benton	70.8
16	Monroe	79.3	65	Steuben	70.6
17	Fayette	77.9	66	Brown	70.2
18	Dearborn	77.7	66	Vermillion	70.2
18	Ohio	77.7	68	Jennings	70.0
18	Jefferson	77.7	69	Bartholomew	69.5
21	Tipton	77.5	70	Warren	69.4
22	Porter	77.4	71	Newton	69.0
23	Martin	77.2	72	Noble	68.5
23	Jackson	77.2	73	Grant	68.4
25	Lawrence	76.9	74	Switzerland	68.3
26	Shelby	76.6	75	Lake	67.5
27	Huntington	76.5	76	Decatur	67.4
27	Putnam	76.5	76	Marshall	67.4
29	Rush	75.9	78	Fulton	67.3
30	Miami	75.8	78	St. Joseph	67.3
31	Greene	75.5	80	Washington	67.1
32	Johnson	75.4	81	Marion	66.9
33	Jasper	75.3	82	Scott	65.3
34	Vanderburgh	75.1	83	Allen	64.9
35	Sullivan	74.9	84	Daviess	64.7
36	Ripley	74.8	84	LaPorte	64.7
37	Madison	74.3	86	Jay	64.4
37	Perry	74.3	87	Parke	61.7
39	Blackford	74.1	88	Fountain	61.4
40	Floyd	73.6	89	Elkhart	61.2
40	Orange	73.6	90	Kosciusko	57.1
42	Cass	73.4	91	Adams	47.3
43	Clay	73.3	92	LaGrange	39.8
43	Franklin	73.3			
45	Owen	73.1			
46	Wabash	73.0		INDIANA	71.2
47	Crawford	72.9			
48	Whitley	72.7			
49	Clark	72.6			

*The values are percentages of live births and do not include the unknowns.
Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Prenatal Care Began in First Trimester, Hispanic Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	PERCENT*	RANK	COUNTY	PERCENT*
1	Gibson	84.4	41	LaGrange	58.5
2	Henry	81.4	42	Jackson	58.4
3	Harrison	80.5	43	Jasper	57.7
4	Boone	76.4	44	Adams	57.6
5	Washington	75.4	45	Vigo	57.3
6	Hancock	74.6	45	DeKalb	57.3
7	Greene	74.5	47	St. Joseph	57.0
8	Owen	73.7	48	Wabash	56.8
9	Lawrence	72.8	49	Randolph	56.5
10	Delaware	72.1	50	Carroll	56.2
11	Porter	71.3	51	Noble	56.0
12	Perry	67.4	52	Huntington	55.8
13	Dearborn	66.7	53	Wells	55.4
13	Hendricks	66.7	54	LaPorte	54.9
15	Knox	66.1	55	White	54.7
16	Putnam	66.0	56	Vanderburgh	54.6
16	Whitley	66.0	56	Benton	54.6
18	Miami	65.6	58	Clark	54.2
19	Allen	65.4	59	Tippecanoe	54.1
20	Pulaski	65.3	60	Johnson	53.4
21	Fulton	63.9	61	Grant	52.9
22	Rush	63.6	62	Newton	52.2
23	Spencer	63.4	63	Marion	51.1
24	Dubois	62.9	64	Wayne	50.1
24	Floyd	62.9	65	Elkhart	49.6
26	Lake	62.8	66	Madison	49.2
27	Morgan	62.6	67	Cass	48.2
28	Monroe	61.9	68	Shelby	47.6
29	Jay	61.8	69	Kosciusko	46.9
30	Daviess	61.7	70	Ripley	46.8
31	Jennings	61.5	70	Steuben	46.8
32	Orange	61.1	72	Bartholomew	45.8
33	Warrick	61.0	73	Montgomery	43.5
34	Jefferson	60.1	74	Decatur	41.0
35	Blackford	60.3	75	Clinton	40.2
36	Starke	59.8	76	Fountain	40.0
36	Hamilton	59.8	77	Tipton	32.8
38	Scott	59.5			
39	Marshall	58.8			
40	Howard	58.6		INDIANA	55.7

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

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Low Birthweight*, Total Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Benton	5.0	50	Montgomery	7.7
2	Warren	5.3	51	Bartholomew	7.8
2	LaGrange	5.3	51	Martin	7.8
4	Brown	5.4	51	Greene	7.8
5	Union	5.8	51	Morgan	7.8
6	Ohio	6.2	55	Vigo	7.9
7	Pulaski	6.3	55	Jefferson	7.9
8	Marshall	6.4	55	Wells	7.9
9	Boone	6.6	55	Cass	7.9
9	Jasper	6.6	55	Fayette	7.9
9	Washington	6.6	60	Tipton	8.0
9	Newton	6.6	60	Wayne	8.0
13	Clay	6.7	60	Henry	8.0
13	DeKalb	6.7	60	Whitley	8.0
15	Fountain	6.8	64	Knox	8.1
15	Carroll	6.8	64	Orange	8.1
15	Johnson	6.8	64	Clark	8.1
18	Shelby	6.9	64	Wabash	8.1
18	Hendricks	6.9	68	Sullivan	8.2
20	Daviess	7.0	68	St. Joseph	8.2
20	Ripley	7.0	68	Warrick	8.2
20	Starke	7.0	71	Miami	8.3
20	Spencer	7.0	71	Jay	8.3
20	Switzerland	7.0	73	Jennings	8.4
20	Adams	7.0	74	Floyd	8.5
26	Porter	7.1	74	Vermillion	8.5
26	Hamilton	7.1	76	Rush	8.6
26	Tippecanoe	7.1	76	Huntington	8.6
26	Kosciusko	7.1	76	Madison	8.6
30	Posey	7.2	79	Lawrence	8.7
30	Franklin	7.2	80	Randolph	8.8
30	Parke	7.2	80	Crawford	8.8
30	Dubois	7.2	80	Perry	8.8
30	Monroe	7.2	83	Allen	8.9
35	Owen	7.3	84	Vanderburgh	9.2
35	Elkhart	7.3	85	Marion	9.3
35	Putnam	7.3	85	Blackford	9.3
35	Jackson	7.3	87	LaPorte	9.4
35	Steuben	7.3	88	Delaware	9.5
40	Clinton	7.4	88	Lake	9.5
40	Noble	7.4	88	Scott	9.5
40	White	7.4	91	Pike	9.6
40	Decatur	7.4	91	Grant	9.6
40	Hancock	7.4			
40	Harrison	7.4			
46	Fulton	7.5		INDIANA	8.2
46	Gibson	7.5			
46	Dearborn	7.5			
49	Howard	7.6			

*Birthweight less than 2,500 grams

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Low Birthweight*, White Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Benton	4.8	49	Jackson	7.58
2	Warren	5.0	49	Fulton	7.5
3	LaGrange	5.3	49	Clark	7.5
4	Brown	5.5	53	Wayne	7.6
5	Union	5.8	53	Vigo	7.6
6	Ohio	6.1	55	Marion	7.7
7	Boone	6.4	55	Allen	7.7
7	Pulaski	6.4	55	Montgomery	7.7
9	Newton	6.5	58	Jefferson	7.8
9	Marshall	6.5	58	Morgan	7.8
9	Jasper	6.5	58	Bartholomew	7.8
12	Washington	6.6	61	Martin	7.9
13	Clay	6.7	61	Greene	7.9
13	Johnson	6.7	61	Cass	7.9
13	DeKalb	6.7	61	Tipton	7.9
13	Fountain	6.7	65	Wells	8.0
17	Daviess	6.8	65	Henry	8.0
17	Switzerland	6.8	65	Floyd	8.0
17	Elkhart	6.8	65	Madison	8.0
17	Hamilton	6.8	65	Whitley	8.0
17	Carroll	6.8	65	Fayette	8.0
17	Tippecanoe	6.8	65	Knox	8.0
17	Shelby	6.8	72	Orange	8.1
24	Porter	6.9	73	Wabash	8.2
24	Hendricks	6.9	73	Miami	8.2
26	Ripley	7.0	73	Warrick	8.2
26	White	7.0	76	Sullivan	8.3
26	St. Joseph	7.0	76	Jennings	8.3
26	Spencer	7.0	76	Vanderburgh	8.3
26	Adams	7.0	76	Vermillion	8.3
26	Kosciusko	7.0	80	Jay	8.4
26	Posey	7.0	81	LaPorte	8.5
33	Starke	7.1	82	Huntington	8.6
33	Parke	7.1	83	Rush	8.7
35	Franklin	7.2	83	Lawrence	8.7
35	Monroe	7.2	83	Crawford	8.7
35	Owen	7.2	86	Perry	8.8
35	Putnam	7.2	87	Randolph	8.9
35	Howard	7.2	87	Delaware	8.9
40	Hancock	7.3	89	Grant	9.1
40	Dubois	7.3	90	Blackford	9.2
42	Harrison	7.4	91	Pike	9.5
42	Steuben	7.4	91	Scott	9.5
42	Clinton	7.4			
42	Noble	7.4			
42	Decatur	7.4		INDIANA	7.5
42	Gibson	7.4			
42	Dearborn	7.4			
49	Lake	7.5			

*Birthweight less than 2,500 grams

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Low Birthweight*, Black Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	PERCENT
1	Hendricks	9.4
2	Johnson	10.1
3	Hamilton	10.9
4	Porter	11.0
4	Hancock	11.0
6	Vigo	11.5
7	Monroe	11.6
7	Howard	11.6
9	Bartholomew	12.0
10	Tippecanoe	12.8
11	Marion	13.1
12	St. Joseph	13.2
13	Clark	13.6
14	Floyd	13.7
15	Wayne	14.0
15	Lake	14.0
17	Elkhart	14.3
18	Grant	14.4
19	Delaware	14.7
19	Allen	14.7
21	Madison	14.9
22	LaPorte	15.6
22	Vanderburgh	15.6
	INDIANA	13.5

*Birthweight less than 2,500 grams

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Low Birthweight*, Non-Hispanic Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Benton	5.0	49	Montgomery	7.8
2	LaGrange	5.2	49	Bartholomew	7.8
3	Warren	5.4	52	Morgan	7.9
4	Brown	5.5	52	Vigo	7.9
5	Union	5.9	52	Martin	7.9
6	Pulaski	6.2	52	Greene	7.9
6	Ohio	6.2	52	Wells	7.9
8	Washington	6.4	57	Fayette	8.0
9	Marshall	6.5	57	Whitley	8.0
9	Newton	6.5	57	Henry	8.0
11	Boone	6.6	57	Tipton	8.0
11	Jasper	6.6	57	Clark	8.0
13	Clay	6.7	62	Clinton	8.1
14	Switzerland	6.8	62	Orange	8.1
14	DeKalb	6.8	62	Knox	8.1
14	Johnson	6.8	62	Wayne	8.1
17	Daviess	6.9	66	Jennings	8.2
17	Ripley	6.9	66	Miami	8.2
17	Carroll	6.9	66	Wabash	8.2
17	Fountain	6.9	66	Warrick	8.2
17	Hendricks	6.9	70	Sullivan	8.3
22	Kosciusko	7.0	71	Floyd	8.4
23	Hamilton	7.1	71	Cass	8.4
23	Starke	7.1	71	St. Joseph	8.4
23	Adams	7.1	74	Jay	8.5
23	Spencer	7.1	74	Vermillion	8.5
23	Tippecanoe	7.1	76	Crawford	8.6
23	Harrison	7.1	77	Huntington	8.7
29	Porter	7.2	77	Rush	8.7
29	Monroe	7.2	77	Lawrence	8.7
29	Franklin	7.2	77	Madison	8.7
29	Posey	7.2	81	Perry	8.9
29	Shelby	7.2	81	Randolph	8.9
29	Parke	7.2	83	Allen	9.1
35	Owen	7.3	83	Scott	9.1
35	White	7.3	85	Vanderburgh	9.3
37	Dubois	7.4	86	Blackford	9.5
37	Putnam	7.4	86	Delaware	9.5
37	Hancock	7.4	88	Pike	9.6
37	Jackson	7.4	88	LaPorte	9.6
41	Dearborn	7.5	90	Marion	9.8
41	Gibson	7.5	90	Grant	9.8
41	Decatur	7.5	92	Lake	10.0
41	Fulton	7.5			
45	Steuben	7.6			
45	Elkhart	7.6		INDIANA	8.3
47	Howard	7.7			
47	Jefferson	7.7			
49	Noble	7.8			

*Birthweight less than 2,500 grams

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Low Birthweight*, Hispanic Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	PERCENT
1	Clinton	5.2
2	Noble	5.4
3	Dubois	5.8
4	Porter	5.9
5	Marshall	6.0
6	St. Joseph	6.1
7	Madison	6.2
8	LaPorte	6.3
8	Wayne	6.3
10	Elkhart	6.4
10	Cass	6.4
12	Marion	6.6
12	Jackson	6.6
12	Vanderburgh	6.6
15	Montgomery	6.7
16	Tippecanoe	6.9
16	Johnson	6.9
18	Bartholomew	7.0
19	Grant	7.1
20	Lake	7.4
20	Hamilton	7.4
22	Hendricks	7.5
23	Allen	7.7
24	White	7.9
25	Daviess	8.2
26	Kosciusko	8.4
27	Monroe	8.5
28	Clark	9.0
28	Delaware	9.0
30	Floyd	10.3
31	Jefferson	10.9
32	Harrison	14.2
33	Scott	25.3
	INDIANA	6.8

*Birthweight less than 2,500 grams

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Very Low Birthweight*, Total Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Decatur	0.8	38	Dubois	1.3
1	LaGrange	0.8	38	Wayne	1.3
3	Wabash	0.9	38	Elkhart	1.3
4	Daviess	1.0	38	Noble	1.3
4	Franklin	1.0	38	Scott	1.3
4	White	1.0	38	Vigo	1.3
4	Whitley	1.0	38	Hancock	1.3
4	Perry	1.0	38	Henry	1.3
4	Porter	1.0	38	Clinton	1.3
4	Kosciusko	1.0	38	Fulton	1.3
4	Putnam	1.0	38	Randolph	1.3
12	Boone	1.1	38	Ripley	1.3
12	Jay	1.1	38	Warrick	1.3
12	Greene	1.1	56	Rush	1.4
12	Howard	1.1	56	Jefferson	1.4
12	DeKalb	1.1	56	Lawrence	1.4
12	Johnson	1.1	56	Bartholomew	1.4
12	Marshall	1.1	56	Dearborn	1.4
12	Starke	1.1	56	Blackford	1.4
12	Wells	1.1	56	Grant	1.4
12	Fountain	1.1	56	Monroe	1.4
12	Jasper	1.1	56	Clark	1.4
12	Owen	1.1	56	Delaware	1.4
12	Shelby	1.1	56	Madison	1.4
12	Jackson	1.1	56	Floyd	1.4
12	Adams	1.1	68	Cass	1.5
27	Spencer	1.2	68	Allen	1.5
27	Hamilton	1.2	68	Miami	1.5
27	Montgomery	1.2	71	St. Joseph	1.6
27	Harrison	1.2	71	Pike	1.6
27	Hendricks	1.2	71	Switzerland	1.6
27	Orange	1.2	71	Gibson	1.6
27	Sullivan	1.2	71	Fayette	1.6
27	Steuben	1.2	76	LaPorte	1.7
27	Washington	1.2	77	Vanderburgh	1.8
27	Clay	1.2	78	Marion	1.9
27	Jennings	1.2	78	Lake	1.9
38	Knox	1.3			
38	Huntington	1.3			
38	Posey	1.3			
38	Tippecanoe	1.3			
38	Morgan	1.3		INDIANA	1.4

*Birthweight less than 1,500 grams

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Very Low Birthweight*, White Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	LaGrange	0.8	28	Clay	1.2
2	Decatur	0.9	28	Elkhart	1.2
2	White	0.9	28	Sullivan	1.2
2	Porter	0.9	28	Posey	1.2
2	Wabash	0.9	28	St. Joseph	1.2
6	Daviess	1.0	28	Huntington	1.2
6	Whitley	1.0	28	Washington	1.2
6	Franklin	1.0	50	Jennings	1.3
6	Perry	1.0	50	Morgan	1.3
6	Howard	1.0	50	Scott	1.3
6	Boone	1.0	50	Ripley	1.3
6	Jay	1.0	50	Warrick	1.3
6	Kosciusko	1.0	50	Delaware	1.3
6	Putnam	1.0	50	Fulton	1.3
15	Greene	1.1	50	Randolph	1.3
15	Shelby	1.1	50	Clinton	1.3
15	DeKalb	1.1	50	Henry	1.3
15	Jasper	1.1	50	Lawrence	1.3
15	Owen	1.1	61	Dearborn	1.4
15	Fountain	1.1	61	Dubois	1.4
15	Johnson	1.1	61	Jefferson	1.4
15	Marshall	1.1	61	Noble	1.4
15	Starke	1.1	61	Lake	1.4
15	Adams	1.1	61	LaPorte	1.4
15	Jackson	1.1	61	Marion	1.4
15	Wells	1.1	61	Bartholomew	1.4
15	Hamilton	1.1	61	Monroe	1.4
28	Clark	1.2	61	Rush	1.4
28	Tippecanoe	1.2	61	Blackford	1.4
28	Allen	1.2	61	Floyd	1.4
28	Harrison	1.2	73	Cass	1.5
28	Montgomery	1.2	73	Pike	1.5
28	Orange	1.2	73	Miami	1.5
28	Spencer	1.2	76	Fayette	1.6
28	Wayne	1.2	76	Gibson	1.6
28	Grant	1.2	78	Vanderburgh	1.7
28	Hancock	1.2			
28	Hendricks	1.2			
28	Madison	1.2			
28	Steuben	1.2			
28	Knox	1.2			
28	Vigo	1.2		INDIANA	1.2

*Birthweight less than 1,500 grams

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Very Low Birthweight*, Black Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	PERCENT
1	Delaware	2.3
2	Elkhart	2.8
3	Hamilton	3.0
3	Vanderburgh	3.0
3	Marion	3.0
6	Lake	3.1
6	Tippecanoe	3.1
6	St. Joseph	3.1
6	Vigo	3.1
10	Allen	3.3
10	Grant	3.3
10	Porter	3.3
13	Madison	3.9
14	LaPorte	4.0
15	Clark	4.1
	INDIANA	3.0

*Birthweight less than 1,500 grams

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Very Low Birthweight*, Non-Hispanic Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	LaGrange	0.8	39	Steuben	1.3
2	Decatur	0.9	39	Tippecanoe	1.3
2	White	0.9	39	Ripley	1.3
2	Wabash	0.9	39	Huntington	1.3
2	Daviess	0.9	39	Wayne	1.3
6	Whitley	1.0	39	Fulton	1.3
6	Franklin	1.0	39	Hancock	1.3
6	Perry	1.0	39	Henry	1.3
6	Kosciusko	1.0	39	Vigo	1.3
6	Porter	1.0	39	Dearborn	1.3
6	Boone	1.0	39	Lawrence	1.3
6	Johnson	1.0	39	Warrick	1.3
6	Marshall	1.0	54	Bartholomew	1.4
14	Jasper	1.1	54	Dubois	1.4
14	Jay	1.1	54	Floyd	1.4
14	Putnam	1.1	54	Clark	1.4
14	Jackson	1.1	54	Elkhart	1.4
14	Owen	1.1	54	Rush	1.4
14	DeKalb	1.1	54	Delaware	1.4
14	Greene	1.1	54	Grant	1.4
14	Howard	1.1	54	Monroe	1.4
14	Wells	1.1	54	Randolph	1.4
14	Starke	1.1	54	Blackford	1.4
14	Harrison	1.1	54	Noble	1.4
14	Montgomery	1.1	66	Madison	1.5
26	Fountain	1.2	66	Clinton	1.5
26	Adams	1.2	66	Allen	1.5
26	Hamilton	1.2	66	Miami	1.5
26	Jennings	1.2	70	Gibson	1.6
26	Shelby	1.2	70	Pike	1.6
26	Spencer	1.2	70	St. Joseph	1.6
26	Washington	1.2	70	Fayette	1.6
26	Hendricks	1.2	74	Cass	1.7
26	Jefferson	1.2	74	LaPorte	1.7
26	Orange	1.2	76	Vanderburgh	1.8
26	Scott	1.2	77	Marion	1.9
26	Sullivan	1.2	78	Lake	2.0
26	Clay	1.2			
39	Knox	1.3			
39	Morgan	1.3			
39	Posey	1.3		INDIANA	1.5

*Birthweight less than 1,500 grams

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Very Low Birthweight*, Hispanic Population, Indiana Residents, 2005 – 2014

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

RANK	COUNTY	PERCENT
1	Tippecanoe	1.2
1	Elkhart	1.2
3	St. Joseph	1.3
3	Lake	1.3
5	Marion	1.4
6	Allen	1.5
7	Clark	1.9
	INDIANA	1.3

*Birthweight less than 1,500 grams

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Breastfed at Hospital Discharge, Total Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Hamilton	89.3	48	Morgan	67.2
2	LaGrange	86.5	49	Jackson	67.1
3	Adams	86.3	50	Vanderburgh	67.0
4	Monroe	85.5	51	Blackford	66.9
5	Elkhart	81.5	52	Randolph	66.8
6	Boone	80.5	53	Newton	66.6
7	Whitley	80.4	54	Jefferson	66.3
8	Wells	80.3	54	Starke	66.3
9	St. Joseph	79.4	56	Cass	66.2
10	Hendricks	79.3	56	Orange	66.2
11	Brown	79.2	58	Henry	66.0
12	Hancock	78.6	59	Pulaski	65.9
13	Tippecanoe	77.4	60	Wayne	65.5
14	Marshall	76.9	61	Clay	65.3
15	Kosciusko	76.4	62	Gibson	65.2
16	Porter	76.3	63	Martin	65.1
17	Allen	75.8	64	Jennings	64.8
18	Dubois	75.7	65	Madison	64.7
19	Bartholomew	75.4	66	Montgomery	64.6
20	Johnson	75.0	66	Vigo	64.6
21	Carroll	74.4	68	Spencer	64.4
22	Owen	74.2	68	Fulton	64.4
23	Daviess	74.0	70	Wabash	64.2
24	Warrick	73.6	71	Howard	64.1
25	Jay	73.2	72	Shelby	64.0
26	Jasper	73.1	73	Rush	63.5
27	DeKalb	73.0	74	Decatur	63.0
28	Tipton	72.8	75	Pike	62.7
29	Noble	72.7	76	Miami	62.4
30	Floyd	71.0	76	Sullivan	62.4
31	Harrison	70.7	78	Crawford	61.8
32	Parke	70.3	79	Vermillion	61.6
33	Huntington	70.2	80	Grant	61.5
33	Marion	70.2	81	Franklin	60.9
35	Clark	69.4	82	Ripley	59.8
36	White	69.1	83	Fountain	59.2
37	Steuben	68.8	84	Lake	58.7
38	Posey	68.5	85	Union	58.2
38	Delaware	68.5	86	Dearborn	57.3
40	Benton	68.4	87	Switzerland	57.0
41	Clinton	68.1	88	Fayette	55.8
42	Washington	68.0	89	Knox	53.7
43	LaPorte	67.8	90	Ohio	53.1
44	Greene	67.6	91	Perry	53.0
45	Putnam	67.5	92	Scott	48.6
46	Lawrence	67.3			
46	Warren	67.3		INDIANA	71.5

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Breastfed at Hospital Discharge, White Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Hamilton	89.2	48	Morgan	67.1
2	LaGrange	86.6	49	Warren	67.0
3	Adams	86.5	49	Lake	67.0
4	Monroe	85.2	49	Blackford	67.0
5	Elkhart	83.0	52	Randolph	66.6
6	St. Joseph	82.7	53	Madison	66.5
7	Allen	80.5	54	Cass	66.4
8	Wells	80.3	55	Newton	66.3
8	Whitley	80.3	55	Wayne	66.3
10	Boone	80.0	55	Orange	66.3
11	Brown	79.1	58	Starke	66.2
12	Hendricks	79.0	58	Jefferson	66.2
13	Hancock	78.4	58	Jackson	66.2
14	Tippecanoe	77.4	61	Henry	66.0
15	Marshall	76.6	62	Pulaski	65.6
16	Porter	76.3	63	Gibson	65.5
17	Kosciusko	75.8	64	Howard	65.4
18	Dubois	75.0	65	Clay	65.1
19	Marion	74.5	66	Martin	64.9
19	Johnson	74.5	67	Spencer	64.6
21	Daviess	74.3	67	Vigo	64.6
22	Carroll	74.2	69	Montgomery	64.5
23	Owen	74.0	69	Jennings	64.5
24	Bartholomew	73.5	71	Fulton	64.0
25	Warrick	73.4	72	Wabash	63.8
26	Jay	73.2	73	Shelby	63.7
27	Jasper	73.1	74	Grant	63.5
28	DeKalb	73.0	75	Rush	63.3
29	Tipton	72.9	76	Decatur	63.0
30	Floyd	72.5	77	Pike	62.8
31	Noble	72.2	78	Miami	62.6
32	LaPorte	71.1	79	Sullivan	62.4
33	Harrison	70.7	80	Crawford	61.6
34	Parke	70.4	80	Vermillion	61.6
35	Delaware	70.3	82	Franklin	61.0
36	Huntington	70.1	83	Ripley	59.6
37	Clark	69.9	84	Fountain	59.0
38	Posey	69.0	85	Union	58.4
39	White	68.9	86	Dearborn	57.6
40	Vanderburgh	68.6	87	Switzerland	57.1
41	Steuben	68.5	88	Fayette	55.7
42	Benton	68.1	89	Knox	53.6
43	Clinton	67.8	90	Ohio	52.9
43	Washington	67.8	91	Perry	52.8
45	Greene	67.4	92	Scott	48.5
46	Putnam	67.2			
46	Lawrence	67.2		INDIANA	73.3

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Breastfed at Hospital Discharge, Black Population, Indiana Residents, 2005 – 2014

(Counties with 20 or more mothers that breastfed at hospital discharge for the 10 combined years)

RANK	COUNTY	PERCENT
1	Boone	85.0
2	Hamilton	84.1
3	Hancock	81.3
4	Hendricks	80.9
5	Lawrence	80.0
6	Kosciusko	77.9
7	Johnson	77.7
8	Wabash	74.1
9	Monroe	73.5
10	Marshall	72.4
11	Shelby	70.8
12	Bartholomew	69.4
13	Porter	67.1
14	Cass	64.5
15	Warrick	63.6
16	St. Joseph	63.5
17	Jackson	63.0
18	Henry	59.3
19	Elkhart	59.0
20	Marion	58.4
21	Vigo	57.4
22	Clark	56.8
23	Jefferson	54.4
24	Tippecanoe	54.1
25	Wayne	53.5
26	Allen	52.8
27	Miami	52.7
28	Floyd	51.8
29	Gibson	51.1
30	Vanderburgh	50.6
31	Delaware	49.7
32	Knox	49.2
33	Montgomery	47.6
34	Howard	47.5
35	LaPorte	46.9
36	Madison	43.0
37	Lake	41.5
38	Grant	39.5
	INDIANA	54.5

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Breastfed at Hospital Discharge, Non-Hispanic Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Hamilton	89.2	48	Blackford	66.4
2	LaGrange	87.2	49	White	66.3
3	Adams	86.4	50	Starke	66.2
4	Monroe	85.3	51	Orange	66.1
5	Wells	80.4	52	Randolph	66.0
6	Boone	80.3	52	Newton	66.0
6	Whitley	80.3	52	Henry	66.0
8	Hendricks	79.2	55	Pulaski	65.6
9	Brown	79.0	56	Jackson	65.4
10	Elkhart	78.9	57	Jefferson	65.3
11	Hancock	78.5	58	Wayne	65.2
12	St. Joseph	78.3	58	Clay	65.2
13	Porter	76.3	60	Gibson	65.0
14	Tippecanoe	76.0	61	Martin	64.9
15	Kosciusko	75.8	62	Vigo	64.4
16	Marshall	75.5	63	Jennings	64.3
17	Allen	75.3	64	Montgomery	63.9
18	Johnson	74.8	64	Wabash	63.9
19	Daviess	74.1	66	Howard	63.8
20	Bartholomew	74.0	66	Madison	63.8
20	Owen	74.0	66	Spencer	63.8
20	Dubois	74.0	69	Clinton	63.5
23	Carroll	73.8	70	Fulton	63.4
24	Warrick	73.4	71	Cass	63.2
25	Jay	73.3	72	Rush	63.1
25	Tipton	73.3	73	Decatur	62.9
27	DeKalb	73.1	74	Pike	62.8
28	Jasper	72.4	75	Shelby	62.6
29	Floyd	70.5	75	Sullivan	62.6
29	Harrison	70.5	77	Miami	62.2
29	Noble	70.5	78	Crawford	61.7
32	Parke	70.3	78	Vermillion	61.7
33	Huntington	70.1	80	Franklin	61.1
34	Steuben	69.7	81	Grant	61.0
35	Posey	68.6	82	Ripley	59.2
36	Delaware	68.4	83	Fountain	58.6
37	Benton	68.0	84	Union	58.3
38	Clark	67.9	85	Lake	58.1
39	Marion	67.8	86	Dearborn	57.3
39	Washington	67.8	87	Switzerland	57.0
41	Greene	67.5	88	Fayette	55.7
42	Putnam	67.3	89	Knox	53.5
43	Lawrence	67.1	90	Ohio	53.0
43	Warren	67.1	90	Perry	53.0
45	Morgan	67.0	92	Scott	48.2
46	Vanderburgh	66.5			
46	LaPorte	66.5		INDIANA	70.6

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Breastfed at Hospital Discharge, Hispanic Population, Indiana Residents, 2005 – 2014

(Counties with 20 or more mothers that breastfed at hospital discharge for the 10 combined years)

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Hamilton	92.1	41	Gibson	79.7
2	Elkhart	90.9	42	Dearborn	79.4
3	Monroe	90.3	43	Putnam	79.3
4	Owen	89.5	44	Floyd	79.2
5	Wayne	88.7	45	Randolph	78.8
6	Blackford	88.6	46	Greene	78.4
7	Dubois	88.4	47	Wells	77.7
8	St. Joseph	88.0	48	Vigo	76.9
9	Rush	87.9	49	Spencer	76.4
10	Bartholomew	87.6	50	Harrison	76.3
11	Jefferson	87.4	51	Porter	76.2
12	Boone	86.7	52	Lawrence	76.1
13	Tippecanoe	86.5	53	Wabash	75.8
14	White	86.1	54	Cass	75.7
15	Whitley	86.0	55	Fountain	74.7
16	Warrick	85.6	56	Benton	74.2
17	Marshall	85.2	56	DeKalb	74.2
18	Carroll	85.1	56	Miami	74.2
19	Noble	84.6	59	Montgomery	74.1
20	Marion	84.3	60	Huntington	73.7
21	Ripley	84.0	61	Pulaski	73.5
22	LaPorte	83.6	62	Howard	73.4
23	Hancock	83.1	63	Newton	72.6
24	Clark	82.9	64	Orange	72.2
25	Hendricks	82.8	65	Daviess	72.1
26	Adams	82.7	66	Jay	71.5
27	Kosciusko	82.3	67	Starke	70.1
28	Clinton	82.2	67	Delaware	70.1
29	Shelby	81.8	69	Henry	70.0
30	Clay	81.5	70	Steuben	69.9
31	Allen	81.3	71	Knox	69.6
31	Fulton	81.3	71	Grant	69.6
31	Jennings	81.3	73	Decatur	68.9
34	Jasper	81.0	74	Scott	65.8
35	Morgan	80.8	75	LaGrange	63.7
36	Washington	80.7	76	Lake	61.5
37	Madison	80.1	77	Tipton	60.7
38	Johnson	80.0	78	Perry	51.0
38	Vanderburgh	80.0			
40	Jackson	79.9		INDIANA	80.4

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Mothers Smoked During Pregnancy, Total Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Hamilton	3.9	49	Madison	23.1
2	Adams	8.6	50	Delaware	23.2
2	Lagrange	8.6	51	Howard	23.5
3	Hendricks	10.1	52	Washington	23.7
4	Lake	12.3	53	Huntington	23.8
5	St. Joseph	13.2	54	Putnam	24.1
5	Boone	13.2	54	Clay	24.1
8	Allen	13.3	56	Ripley	24.5
9	Elkhart	13.5	57	Sullivan	25.1
10	Dubois	13.7	58	Decatur	25.2
11	Hancock	14.0	59	Union	25.4
12	Porter	14.1	59	Pike	25.4
13	Daviess	14.2	59	De Kalb	25.4
14	Tippecanoe	14.5	62	Rush	25.5
15	Marion	14.6	63	Newton	25.6
16	Warrick	14.9	64	Shelby	25.7
17	Floyd	15.4	65	Fountain	26.0
18	Monroe	16.5	65	Steuben	26.0
19	Bartholomew	17.1	67	Greene	26.2
19	Clark	17.1	68	Randolph	26.4
21	Johnson	17.8	69	Miami	26.5
21	Kosciusko	17.8	70	Ohio	26.6
23	Wells	17.9	71	Jefferson	26.8
24	Tipton	18.1	72	LaPorte	26.9
25	Whitley	19.0	72	Jennings	26.9
26	Marshall	19.4	74	Morgan	27.0
27	Clinton	19.5	74	Vermillion	27.0
28	Carroll	19.7	76	Lawrence	27.4
29	Benton	20.1	77	Henry	27.5
30	Posey	20.2	78	Wabash	27.6
30	Spencer	20.2	79	Grant	28.2
32	Warren	20.8	80	Montgomery	28.5
32	Harrison	20.8	81	Orange	28.7
34	Vanderburgh	21.0	82	Starke	28.9
35	Franklin	21.2	83	Perry	29.0
36	Jasper	21.4	83	Fulton	29.0
37	Brown	21.5	85	Pulaski	29.2
38	Cass	21.7	86	Knox	29.5
38	Parke	21.7	87	Switzerland	29.6
40	Jackson	22.0	88	Fayette	30.4
41	Jay	22.2	89	Owen	31.2
42	Vigo	22.5	90	Blackford	31.5
42	Noble	22.5	91	Crawford	32.6
44	Wayne	22.6	92	Scott	33.3
44	White	22.6			
46	Martin	22.7			
47	Dearborn	23.0		INDIANA	17.2
47	Gibson	23.0			

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Mothers Smoked During Pregnancy, White Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Hamilton	4.1	51	Huntington	23.9
2	Adams	8.4	52	Delaware	24.0
3	Lagrange	8.6	53	Clay	24.2
4	Hendricks	10.6	54	Putnam	24.3
5	Lake	13.4	55	Howard	24.4
6	Elkhart	13.6	56	Ripley	24.8
7	Boone	13.7	57	Union	25.0
8	Allen	13.8	58	Sullivan	25.2
9	St. Joseph	14.0	59	Decatur	25.4
10	Dubois	14.3	60	De Kalb	25.5
11	Hancock	14.4	60	Pike	25.5
12	Daviess	14.5	62	Rush	25.6
13	Porter	14.7	63	Newton	26.0
14	Warrick	15.3	64	Shelby	26.1
15	Floyd	15.7	65	Greene	26.2
16	Tippecanoe	16.3	66	Steuben	26.4
17	Marion	17.0	66	Fountain	26.4
18	Monroe	17.9	68	Miami	26.5
19	Wells	18.0	69	Randolph	26.8
20	Clark	18.1	69	Ohio	26.8
21	Tipton	18.3	71	Morgan	27.1
22	Johnson	18.5	72	Vermillion	27.2
23	Bartholomew	19.0	72	Jefferson	27.2
24	Whitley	19.1	74	Jennings	27.3
24	Kosciusko	19.1	75	Lawrence	27.5
26	Posey	19.7	76	Henry	27.7
27	Clinton	19.9	77	Wabash	28.0
27	Carroll	19.9	78	LaPorte	28.3
29	Marshall	20.1	79	Orange	28.6
30	Spencer	20.3	80	Grant	28.7
31	Benton	20.4	81	Starke	29.0
32	Harrison	21.0	81	Perry	29.0
33	Warren	21.1	83	Montgomery	29.2
33	Franklin	21.1	84	Pulaski	29.4
35	Jasper	21.6	85	Fulton	29.6
36	Vanderburgh	21.7	86	Switzerland	29.7
36	Brown	21.7	87	Knox	29.8
36	Parke	21.7	88	Fayette	30.4
39	Cass	22.1	89	Owen	31.5
40	Jay	22.2	90	Blackford	31.6
41	Martin	22.7	91	Crawford	32.5
42	Dearborn	23.0	92	Scott	33.6
43	White	23.1			
43	Gibson	23.1			
45	Vigo	23.2		INDIANA	18.5
46	Jackson	23.4			
47	Washington	23.7			
48	Wayne	23.8			
48	Noble	23.8			
50	Madison	23.9			

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Mothers Smoked During Pregnancy, Black Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Clinton	0.0	33	Dearborn	30.4
2	Hamilton	2.9	34	Shelby	31.3
3	Hancock	4.4	35	De Kalb	31.8
4	Hendricks	4.7	36	Fayette	33.3
5	Boone	5.4	36	Montgomery	33.3
6	Porter	7.5	36	Morgan	33.3
7	Wabash	11.1	37	Cass	33.9
7	Warrick	11.1	38	Jackson	35.2
8	Lake	11.5	39	Daviess	36.1
9	Marion	11.8	40	Henry	37.0
10	St. Joseph	12.1	41	Wells	37.5
10	Noble	12.1	42	Randolph	39.1
11	Johnson	12.2	43	Orange	47.6
12	Clark	13.1	44	Lawrence	48.0
13	Tippecanoe	14.3	45	Posey	52.3
14	Monroe	14.4			
15	Allen	15.4			
16	Kosciusko	15.6		INDIANA	13.2
17	Elkhart	17.3			
18	Floyd	17.5			
19	Madison	17.7			
20	Putnam	18.5			
21	Gibson	18.9			
21	Howard	18.9			
22	Delaware	19.4			
23	Bartholomew	19.6			
24	Wayne	20.5			
24	Vanderburgh	20.5			
25	Marshall	20.7			
26	Vigo	20.8			
27	LaPorte	21.8			
28	Knox	25.4			
29	Miami	25.7			
30	Grant	25.9			
31	Jefferson	28.1			
32	Clay	29.6			

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Mothers Smoked During Pregnancy, Non-Hispanic Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Hamilton	4.0	49	Madison	24.3
2	Adams	8.4	51	Jackson	24.6
3	Lagrange	8.7	52	Ripley	25.0
4	Hendricks	10.3	53	Sullivan	25.2
5	Boone	13.4	54	Union	25.2
6	Lake	13.8	55	Clinton	25.4
7	Hancock	14.1	56	Decatur	25.5
8	Allen	14.2	56	Pike	25.5
9	St. Joseph	14.3	58	De Kalb	25.6
10	Porter	14.6	59	Rush	25.8
11	Warrick	15.0	60	White	25.9
12	Daviess	15.1	61	Steuben	26.0
13	Dubois	15.5	62	Greene	26.3
14	Floyd	15.9	63	Noble	26.6
15	Tippecanoe	16.1	63	Fountain	26.6
16	Elkhart	16.7	63	Ohio	26.6
17	Monroe	16.9	66	Miami	26.7
17	Marion	16.9	67	Vermillion	27.0
19	Wells	18.1	67	Newton	27.0
20	Johnson	18.4	69	Morgan	27.2
21	Clark	18.5	70	Shelby	27.5
22	Tipton	18.7	70	Randolph	27.5
23	Bartholomew	18.8	72	Jennings	27.6
24	Whitley	19.0	72	Lawrence	27.6
25	Kosciusko	19.6	72	Henry	27.6
26	Posey	20.0	75	Jefferson	27.8
27	Carroll	20.7	76	Cass	27.9
28	Warren	20.8	77	Wabash	28.2
29	Spencer	21.1	78	LaPorte	28.5
30	Harrison	21.2	79	Orange	28.9
30	Franklin	21.2	80	Grant	29.1
30	Benton	21.2	81	Perry	29.2
33	Vanderburgh	21.4	82	Starke	29.3
34	Parke	21.6	83	Knox	29.7
35	Brown	21.8	83	Switzerland	29.7
36	Marshall	22.0	85	Pulaski	29.8
37	Vigo	22.7	86	Fulton	30.0
37	Jay	22.7	87	Montgomery	30.4
37	Jasper	22.7	88	Fayette	30.5
40	Martin	22.9	89	Owen	31.6
41	Gibson	23.1	90	Blackford	31.9
41	Dearborn	23.1	91	Crawford	32.7
43	Delaware	23.5	92	Scott	33.8
44	Wayne	23.7			
44	Washington	23.7			
46	Howard	23.8		INDIANA	18.5
46	Huntington	23.8			
48	Putnam	24.2			
49	Clay	24.3			

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

Mothers Smoked During Pregnancy, Hispanic Population, Indiana Residents, 2005 – 2014

RANK	COUNTY	PERCENT	RANK	COUNTY	PERCENT
1	Brown	0.0	51	Clay	7.4
1	Fayette	0.0	51	Ripley	7.4
1	Franklin	0.0	53	LaPorte	7.8
1	Martin	0.0	54	Porter	7.9
1	Ohio	0.0	55	Randolph	8.2
1	Parke	0.0	56	Vanderburgh	8.3
1	Pike	0.0	57	Rush	9.1
1	Union	0.0	58	Delaware	9.4
1	Vermillion	0.0	59	Steuben	9.7
1	Warren	0.0	59	Newton	9.7
11	Dubois	0.5	61	Decatur	9.8
12	Bartholomew	1.2	62	Jay	10.6
13	Clinton	1.4	63	Fountain	10.7
14	Hamilton	1.5	64	Fulton	11.8
15	Noble	1.9	65	Pulaski	12.2
15	Marion	1.9	66	Grant	12.3
17	Elkhart	2.0	67	Morgan	13.1
18	Cass	2.4	68	Wells	13.4
19	Carroll	2.5	69	Adams	13.6
20	Kosciusko	2.6	70	Howard	13.7
21	Daviess	2.7	70	Harrison	13.7
21	Madison	2.7	72	Scott	13.9
23	Jackson	2.8	73	Blackford	14.3
24	White	3.0	74	De Kalb	14.5
24	Benton	3.0	75	Vigo	14.6
26	Shelby	3.1	76	Miami	15.1
26	Jennings	3.1	77	Sullivan	15.4
28	Tipton	3.3	78	Whitley	16.0
28	Marshall	3.3	79	Knox	16.1
30	Tippecanoe	3.4	79	Starke	16.1
30	Wayne	3.4	81	Orange	16.7
32	St. Joseph	3.8	82	Putnam	17.0
32	Lagrange	3.8	83	Gibson	17.2
32	Johnson	3.8	84	Lawrence	18.5
35	Boone	4.0	85	Greene	19.6
36	Allen	4.4	86	Perry	20.4
37	Jasper	4.9	87	Washington	21.1
38	Hendricks	5.0	88	Henry	21.4
38	Montgomery	5.0	89	Huntington	24.2
40	Owen	5.3	90	Crawford	25.0
40	Clark	5.3	90	Switzerland	25.0
42	Spencer	5.7	92	Posey	38.7
42	Lake	5.7			
44	Hancock	6.2			
45	Wabash	6.3		INDIANA	4.0
45	Dearborn	6.3			
47	Warrick	6.8			
48	Jefferson	7.1			
49	Monroe	7.2			
49	Floyd	7.2			

Note: Some rankings in the 2005-2014 report are not comparable to previous reports. All county rankings are listed in order of best performing counties to worst performing counties.

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.

First Trimester – The first three months of pregnancy.

Infant Mortality – The death of an infant less than one year old. The infant mortality rate (IMR) 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.

Preterm Births – Delivery of a liveborn infant prior to 37 weeks gestation. See Preface for more detailed information about how preterm births were calculated in this report.

Post-neonatal Mortality – The death of an infant 28 days to 364 days old. The rate is calculated by taking the number of Post-neonatal 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 Post-neonatal mortality rates, also.

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

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

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

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

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

Appendix

Infant Mortality Cause of Death Category ICD-10 Codes

Cause of Death Category	Description	ICD-10 Code
Perinatal Risks	Certain conditions originating in the perinatal period (low birthweight, preterm, premature rupture of membranes, bacterial sepsis of newborn, etc.).	P00-P96
Congenital Abnormalities and Malformations	Physical defects present at birth that result from genetics, through exposure of the fetus to mal-forming agents, or are of unknown origin.	Q00-Q99
Sudden Unexpected Infant Deaths (SUIDs)	Sleep-related infant deaths and unexpected deaths of no known cause after investigation. Includes Sudden Infant Death Syndrome (SIDS) and accidental suffocation and strangulation in bed. (Centers for Disease Control and Prevention recommendation)	R95, R99, W75
Assaults and Other Accidents	Deaths related to homicide, neglect, and preventable accidents not included in the SUIDs category (inhalation, ingestion, falls, motor vehicle accidents, etc.).	V01-W74, W76-W99, X00-59, X85-Y09, Y20, Y86
All Other Causes	Residual causes of deaths	Residual