



**Report of
Tennessee
Births
2013**

**DEPARTMENT OF HEALTH
DIVISION OF POLICY,
PLANNING AND ASSESSMENT**

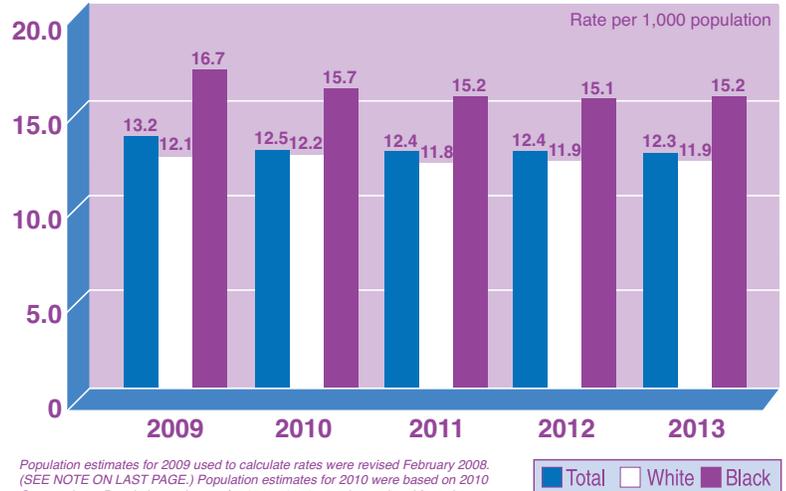
SEPTEMBER 2014

INTRODUCTION

Report of Tennessee Births 2013 provides information on final birth data for state residents. Resident data include events that occurred to residents of Tennessee irrespective of where the events took place. Birth certificates filed with the Tennessee Department of Health, Office of Vital Records supplied the data for this report. Tennessee's total birth trend indicates a gradual decline since the late 1940s when the rates were at record highs.

- The 2013 total birth rate of 12.3 per 1,000 population decreased 6.8 percent from the rate of 13.2 in 2009.
 - The 2013 white rate (11.9) decreased 1.7 percent from the rate of 12.1 in 2009, while the black rate (15.2) decreased 9.0 percent.
 - From 2004 to 2013, Tennessee's adolescent birth rates decreased, while the birth percentages for unmarried women increased.
 - In 2013, the percent of multiple births (3.1) was lower than the percentage in 2004.
 - The 2013 low birthweight percentage of 9.1 decreased 3.2 percent during the ten-year period of 2004-2013.
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- In 2013, there were 79,954 total live births to Tennessee residents. Of the total, 60,954 or 76.2 percent were white and 16,863 or 21.1 percent were black births.
 - There were 1,943 births to females ages 10 through 17 in 2013. This number represented an 11.9 percent decrease for this age group from 2012.
 - In 2013, there were 8,731 births to females 35 years and older. Births for this age group increased 2.3 percent over the previous year.

LIVE BIRTH RATES BY RACE, RESIDENT DATA, TENNESSEE, 2009-2013



Population estimates for 2009 used to calculate rates were revised February 2008. (SEE NOTE ON LAST PAGE.) Population estimates for 2010 were based on 2010 Census data. Population estimates for 2011 - 2013 were interpolated from the Census five-year age cohort estimates. Total includes births to other racial groups or race not stated. Source: Tennessee Department of Health, Division of Policy, Planning and Assessment.

NUMBER OF LIVE BIRTHS BY AGE AND RACE OF MOTHER, RESIDENT DATA, TENNESSEE, 2013

Age Groups	Total	White	Black
Total	79,954	60,954	16,863
10-14 years	88	43	44
15-17 years	1,855	1,216	627
18-19 years	5,246	3,668	1,528
20-24 years	22,544	16,086	6,194
25-34 years	41,486	32,956	7,131
35-44 years	8,656	6,923	1,328
45+ years	75	61	11
Unknown	4	1	-

Source: Tennessee Department of Health, Division of Policy, Planning and Assessment.

PERCENT OF BIRTHS BY TRIMESTER PRENATAL CARE BEGAN, AND RACE OF MOTHER, RESIDENT DATA, TENNESSEE, 2013

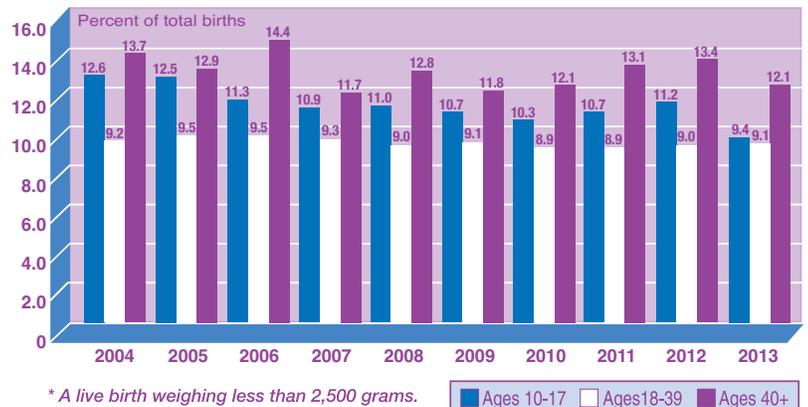
	Total Percent	White Percent	Black Percent
First Trimester	71.1	73.4	63.5
Second Trimester	22.3	21.2	26.0
Third Trimester	4.6	4.2	5.8
No care	1.9	1.2	4.6

Percentages based on number of births with prenatal care reported. Source: Tennessee Department of Health, Division of Policy, Planning and Assessment.

- In 2013, the percent of total births with first trimester prenatal care was 71.1.
- The percent of white births with first trimester care was 73.4, while the percent for black births was 63.5 in 2013. (Percentages are based on births with prenatal care reported.)
- Tennessee's percent of no care was 1.9, with white mothers having the lowest percentage (1.2) of no care. The percent of black mothers with no care was 4.6 in 2013.

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- Adolescents (10 through 17) and mothers aged 40 years and older face a greater risk of having low birthweight babies.
 - In 2013, the low birthweight percentage of total births to mothers ages 10 through 17 was 9.4. This was a 25.4 percent decrease from the low birthweight percentage of 12.6 in 2004.
 - The percent of total births to mothers ages 40 years and older that were low birthweight (12.1) decreased 11.7 percent from 2004 to 2013.

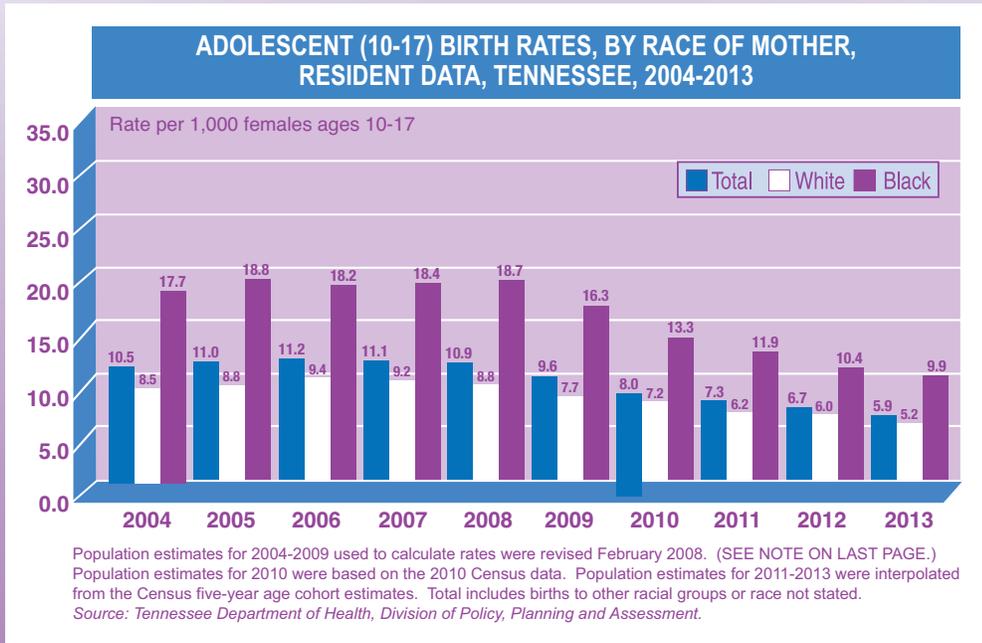
LOW BIRTHWEIGHT* PERCENTAGES OF BIRTHS TO MOTHERS, BY AGE GROUP, RESIDENT DATA, TENNESSEE, 2004-2013



* A live birth weighing less than 2,500 grams.

Source: Tennessee Department of Health, Division of Policy, Planning and Assessment.

- Adolescent (10 through 17) births by race revealed the highest rates per 1,000 females were for black females for the period 2004 through 2013.
- The black adolescent birth rate of 9.9 was 1.9 times the white adolescent birth rate of 5.2 in 2013.
- The total birth rate for adolescents declined 43.8 percent from 2004 to 2013, while the rate for white females decreased 38.8 percent.
- For the ten-year period, the black adolescent birth rate decreased 44.1 percent.



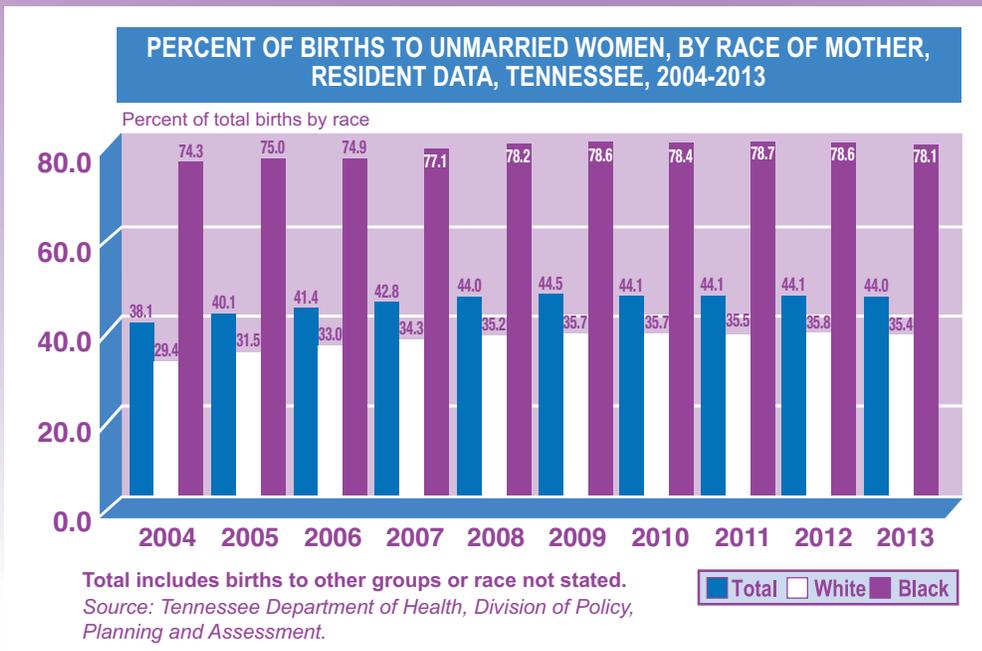
- The percent of births to unmarried females by age showed the highest percentages for females ages 10 through 14 and 15 through 17.
- In 2013, all births to females ages 10 through 14 were to unmarried adolescents. For black females ages 15 through 17, the percentage of births to unmarried females was 99.8.
- Generally the percent of unmarried mothers declined as the age of the mother increased.
- The negative effects of births to unmarried adolescents include social and economic consequences resulting from interruption of education.

NUMBER OF BIRTHS TO UNMARRIED FEMALES BY AGE, WITH PERCENTAGE OF TOTAL BIRTHS BY AGE, RESIDENT DATA, TENNESSEE, 2013

Age Groups	Total Number	Percent	White Number	Percent	Black Number	Percent
Total	35,169	44.0	21,606	35.4	13,172	78.1
10-14 years . . .	88	100.0	43	100.0	44	100.0
15-17 years . . .	1,750	94.3	1,113	91.5	626	99.8
18-19 years . . .	4,397	83.8	2,869	78.2	1,494	97.8
20-24 years . . .	14,419	64.0	8,662	53.8	5,640	91.1
25-34 years . . .	12,605	30.4	7,684	23.3	4,743	66.5
35-44 years . . .	1,893	21.9	1,221	17.6	622	46.8
45+ years . . .	17	22.7	14	23.0	3	27.3

Total includes births to other racial groups or race and age not stated.
Source: Tennessee Department of Health, Division of Policy, Planning and Assessment.

- For the years 2004 through 2013, the percentages of births to unmarried black women were almost twice the total unmarried percentages and over twice the percentages for unmarried white mothers.
- Total births to unmarried women increased 15.5 percent from 2004 to 2013, while the increase for white women was 20.4 percent.
- For black women the percent increased from 74.3 in 2004 to 78.1 in 2013.



- The 2013 number of low birthweight (less than 2,500 grams) infants born to Tennessee residents was 7,302.
- The low birthweight percentage of 9.1 occurring in 2013 decreased 1.1 percent from 2012.
- The percent of total births that were multiple births was 3.1. Of the total multiple births in 2013, 60.9 percent were low birthweight infants. This was a 2.9 percent decrease from the percent (62.7) of low weight multiple births in 2004.

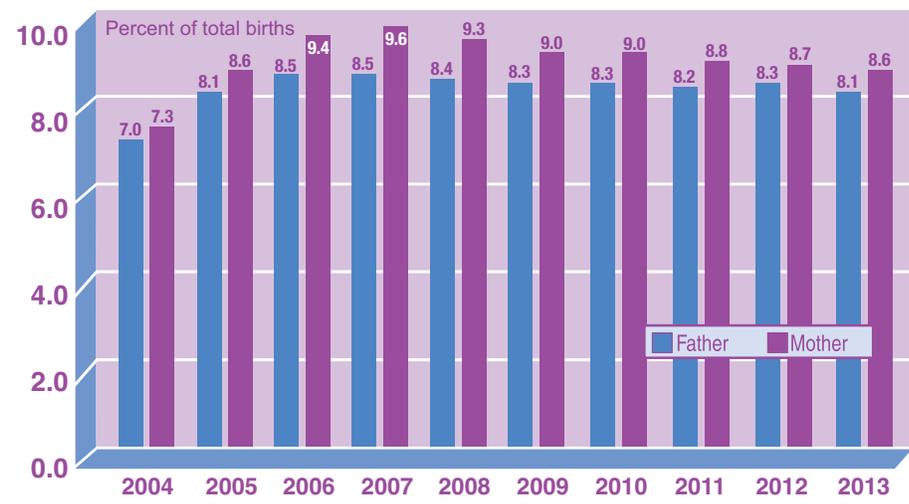
NUMBER AND PERCENT OF BIRTHS BY WEIGHT AND RACE OF MOTHER, RESIDENT DATA, TENNESSEE, 2013

	Total		White		Black	
	Number	Percent	Number	Percent	Number	Percent
Total	79,954	100.0	60,954	100.0	16,863	100.0
Under 2500 grams	7,302	9.1	4,742	7.8	2,372	14.1
1-1499	1,319	1.6	765	1.3	525	3.1
1500-2499 . . .	5,983	7.5	3,977	6.5	1,847	11.0
2500+ grams . .	72,621	90.8	56,191	92.2	14,488	85.9

Total includes births to other racial groups or race and weight not stated.
Source: Tennessee Department of Health, Division of Policy, Planning and Assessment.

- In 2013, 8.1 percent of fathers and 8.6 percent of mothers reported Hispanic origin for Tennessee's total resident births.
- The percentage of Hispanic births for both fathers and mothers decreased from 2012 to 2013.

PERCENT OF TOTAL BIRTHS BY HISPANIC ORIGIN OF FATHER AND MOTHER, RESIDENT DATA, TENNESSEE, 2004-2013



Source: Tennessee Department of Health, Division of Policy, Planning Assessment

More detailed county level birth data may be obtained by contacting the Tennessee Department of Health, Division of Policy, Planning and Assessment or by visiting our website at:

health.state.tn.us

2013 Total Population 6,495,866	2013 White Population 5,139,373	2013 Black Population 1,107,069
2013 Total Female (10-17) Population 327,912	2013 White Female (10-17) Population 242,647	2013 Black Female (10-17) Population 67,683

NOTE: The population estimates for Tennessee used to calculate the rates in this report for 2004 - 2009 were based on figures prepared from the 2000 Census in February 2008 by the Division of Policy, Planning and Assessment. The population estimates for 2010 were based on the 2010 Census data. Population estimates for 2011 - 2013 were interpolated from the Census five-year age cohort estimates (CC-EST2012-ALLDATA-[ST-FIPS] June 2014) by the Division of Policy, Planning and Assessment. These population figures may result in rates that differ from those published in previous time periods.

THE MISSION OF THE DEPARTMENT OF HEALTH IS TO PROTECT, PROMOTE AND IMPROVE THE HEALTH AND PROSPERITY OF PEOPLE IN TENNESSEE.

Report of Tennessee Births 2013 was prepared by the Tennessee Department of Health Division of Policy, Planning and Assessment Andrew Johnson Tower, 2nd Floor Nashville, Tennessee, 37243 For additional information please call (615)741-1954

