

Davidson County Natality Report 2003



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Selected Highlights

2003 Natality Report for Davidson County

Births and Fertility Rates

In 2003, there were 8,900 births to Davidson County residents, with a general fertility rate of 64.8 infants born per 1,000 females aged 15 to 44 years. The white fertility rate in 2003 was 62.2, compared to 66.1 for blacks, and 96.9 for females of other races. Females aged 15-19 had a fertility rate of 57.2, while the fertility rate for females aged 10-17 was 13.1 and 10-19 was 29.8.

Marital Status

In 2003, 41.3% of all live births were to unmarried mothers. Sixty-nine percent of black mothers, 29.2% of white mothers, and 32.7% of mothers of other races were not married at the time of delivery.

Risk Factors During Pregnancy

In 2003, 9.4% of women giving birth reported smoking during pregnancy. A higher percentage of women aged 15-19 (11.7%) smoked during pregnancy than the general population of pregnant women. A much higher percentage of white birth mothers reported smoking during pregnancy than did black or other race mothers. The respective percentages were 10.5%, 8.6%, and 2.2%. White mothers aged 15-19 had the highest percentage of smokers (16.1%), while the percentage of black teens who smoked during pregnancy was much smaller (7.2%). Less than 1% of all birth mothers reported alcohol consumption during pregnancy.

Prenatal Care

During the year 2003, 86.5% of women with live births started prenatal care during the first trimester of pregnancy. A larger percentage of white women (88.7%) received first trimester care than black women (83.4%) or women of other races (78.8%). Teen mothers aged 10-19 have a lower proportion of early prenatal care initiation (75.9%) than women in Davidson County as a whole (86.5%). Among this age group, a greater proportion of white females (78.2%) received first trimester prenatal care than black females (73.2%) or females of other races (75.7%).

Infant Health Characteristics

During the year 2003, 11.2% of babies born in Davidson County were born prematurely (less than 37 weeks of gestation). When examined by race, 10.0% of white babies born that year were premature compared to 14.4% of black babies, and 8.3% of babies of other races. Similarly, 9.5% of all live births were low birth weight (less than 2,500 grams). Of those, 7.5% of white, 13.9% of blacks, and 8.3% of other races were born low birth weight.

Comparison with National Objectives

Davidson County misses the Healthy People 2010 targets for both the percent of women and teen women aged 10-19 entering prenatal care in the first trimester. Additionally, Davidson County falls short of the national objectives for both premature and low birth weight births.

Table of Contents

	page
Selected Highlights: 2003 Natality Report for Davidson County	iii
Table of Figures	v
List of Tables	vi
Births	1
Fertility Rates	1
General Fertility Rates	2
Births to Females Aged 15-19	4
Births to Females Aged 10-17	5
Births to Females Aged 10-14	5
Births to Females Aged 10-19	6
Births to Unmarried Females	6
Risk Factors During Pregnancy	
Tobacco Use During Pregnancy	8
Alcohol Use During Pregnancy	10
Prenatal Care	
First Trimester Care	11
Late or No Prenatal Care	13
Infant Health Characteristics	
Preterm Birth	15
Low Birth Weight	18
References	21
Appendix	22

Table of Figures

	page
Figure 1. Davidson County Resident Births, 1990 - 2003	1
Figure 2. General Fertility Rates by Race, Davidson County, TN, 2003	2
Figure 3. General Fertility Rates by Race for Selected Counties, Tennessee, and U.S., 2003	3
Figure 4. Davidson County Resident Fertility Rates by Race, Davidson County, TN, 1990 - 2003	4
Figure 5. Birth Rates Among Females Aged 15 - 19 by Race, Davidson County, TN, 2003	4
Figure 6. Birth Rates Among Females Aged 10 - 17 by Race, Davidson County, TN, 2003	5
Figure 7. Birth Rates by Age and Race, Davidson County, TN, 2003	6
Figure 8. Percent of Births to Unmarried Women by Race, Davidson County, TN, 1990 - 2003	7
Figure 9. Percent of Women Who Smoked During Pregnancy by Age Group, Davidson County, TN, 1990 - 2003	8
Figure 10. Percent of Women Who Smoked During Pregnancy by Race, Davidson County, TN, 1990 - 2003	9
Figure 11. Percent of Women Who Smoked During Pregnancy by Race, Selected Counties, Tennessee, and U.S., 2003	9
Figure 12. Percent of Women Who Consumed Alcohol During Pregnancy by Race, Davidson County, TN, 1990 - 2003	10
Figure 13. Percent of Women Who Entered Prenatal Care in First Trimester by Race, Davidson County, TN, 1990 - 2003	11
Figure 14. Percent of Teens Who Entered Prenatal Care During First Trimester by Race, Davidson County, TN, 1990 - 2003	12

Table of Figures, Cuntinued

	page
Figure 15. Percent of Women Who Received No Prenatal Care or Entered Care During the Third Trimester by Race, Davidson County, TN, 1990 - 2003	13
Figure 16. Percent of Teens Who Received No Prenatal Care or Entered Care During the Third Trimester by Race, Davidson County, TN, 1990 - 2003	14
Figure 17. Percent of Preterm Births by Race of Mother, Davidson County, TN, 2003	15
Figure 18. Percent of Preterm Births by Race, Selected Counties, Tennessee, and U.S., 2003	16
Figure 19. Percent of Preterm Births by Race, Davidson County, TN, 1990 - 2003	17
Figure 20. Percent of Low Birthweight Births by Race, Davidson County, Tennessee, 1990-2003	18
Figure 21. Percent of Low Birthweight Births by Race, Selected Counties, Tennessee, and U.S., 2003	19
Figure 22. Percent of Low Birthweight Births by Race, Davidson County, Tennessee, 1990 - 2003	20

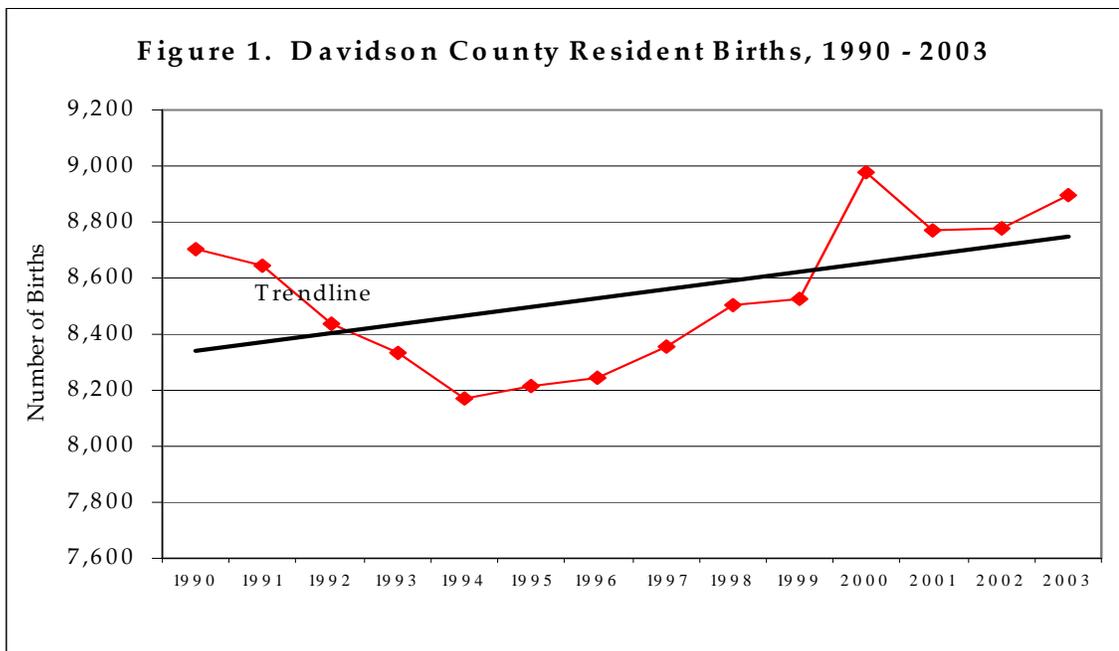
List of Tables

Table 1.	Number of Live Births, General Fertility Rate, and Age-Specific Fertility Rates by Race and Age, Davidson County, TN, 1990 - 2003	23
Table 2.	Teen and Adolescent Live Births and Age-Specific Fertility Rates by Race and Age, Davidson County, TN, 1990 - 2003	24
Table 3.	Number of Live Births and Crude Birth Rates by Race and Age, Davidson County, TN, 1990 - 2003	25
Table 4.	Number and Percent of Women with Live Births Who Smoked During Pregnancy by Race and Age, Davidson County, TN, 1990 - 2003.....	26
Table 5.	Number and Percent of Women with Live Births Who Drank Alcohol During Pregnancy by Race and Age, Davidson County, TN, 1990 - 2003.....	27
Table 6a.	Number and Percent of Women with Live Births Who Entered Prenatal Care During the First Trimester by Race and Age, Davidson County, TN, 1990 - 2003	28
Table 6b.	Number and Percent of Women with Live Births Who Entered Prenatal Care During the First Trimester by Race and Age, Davidson County, TN, 1990 - 2003	29
Table 7a.	Number and Percent of Women with Live Births Who Received No Prenatal Care or Entered Care During the Third Trimester by Race and Age, Davidson County, TN, 1990 - 2003	30
Table 7b.	Number and Percent of Women with Live Births Who Received No Prenatal Care or Entered Care During the Third Trimester by Race and Age, Davidson County, TN, 1990 - 2003	31
Table 8a.	Number and Percent of Low Birthweight Live Births by Race and Age, Davidson County, TN, 1990 - 2003	32
Table 8b.	Number and Percent of Low Birthweight Live Births by Race and Age, Davidson County, TN, 1990 - 2003	33
Table 9a.	Number and Percent of Women with Preterm Live Births by Race and Age, Davidson County, TN, 1990 - 2003	34
Table 9b.	Number and Percent of Women with Preterm Live Births by Race and Age, Davidson County, TN, 1990 - 2003	35

Births

There were 8,900 births in Davidson County in 2003, 122 births more than the previous year. This number represents a 1.4% increase over the previous year, but is nearly 1% less than the number of births in 2000 (8,981). Figure 1 depicts the number of births in Davidson County since 1990. Clearly, the number of births declined between 1990 and 1994, with the number of births dropping an average of 1.6% each year. The number of births then increased from 1994 to 2000, followed by a subsequent drop in 2001. Since 2001, the number of births in Davidson County has increased each year.

A similar trend in the number of births per year is found for the United States as a whole. The number of births in 2003 in the United States represents a 2% increase from 2002.¹ (All data for the U.S. provided in this report are from the preliminary data provided by the Centers of Disease Control (CDC).



Fertility Rates

Fertility is defined as the birth rate of a community during a specific year. It measures the ratio between the number of live births in the community during a specified time period and the number of females of childbearing age in the population. It is important to note that fetal deaths and stillbirths are not counted as live births, and are therefore, excluded from the calculation of fertility rates. The fertility rate is calculated by dividing the number of live births in a population by the number of women of childbearing age and multiplying the result by 1,000.²

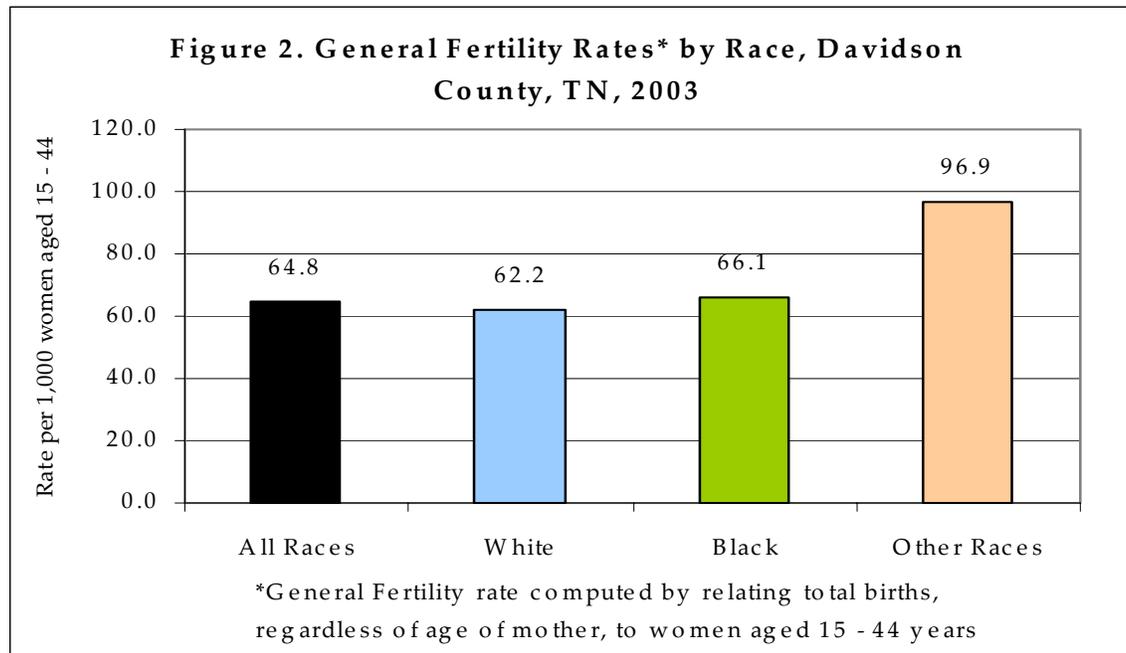
The fertility rate of a population is believed to be influenced by a multitude of behavioral and biological factors, including exposure to contraception and intercourse, and other factors that impact pregnancy.³ The degree of fertility in a community is an important public health issue. Proper planning for future population growth ensures continuing access to public services and healthcare. On the other hand, unexpected growth can negatively impact economic and environmental health, thereby leading to negative effects on a population's physical health.⁴

Davidson County Natality Report, 2003

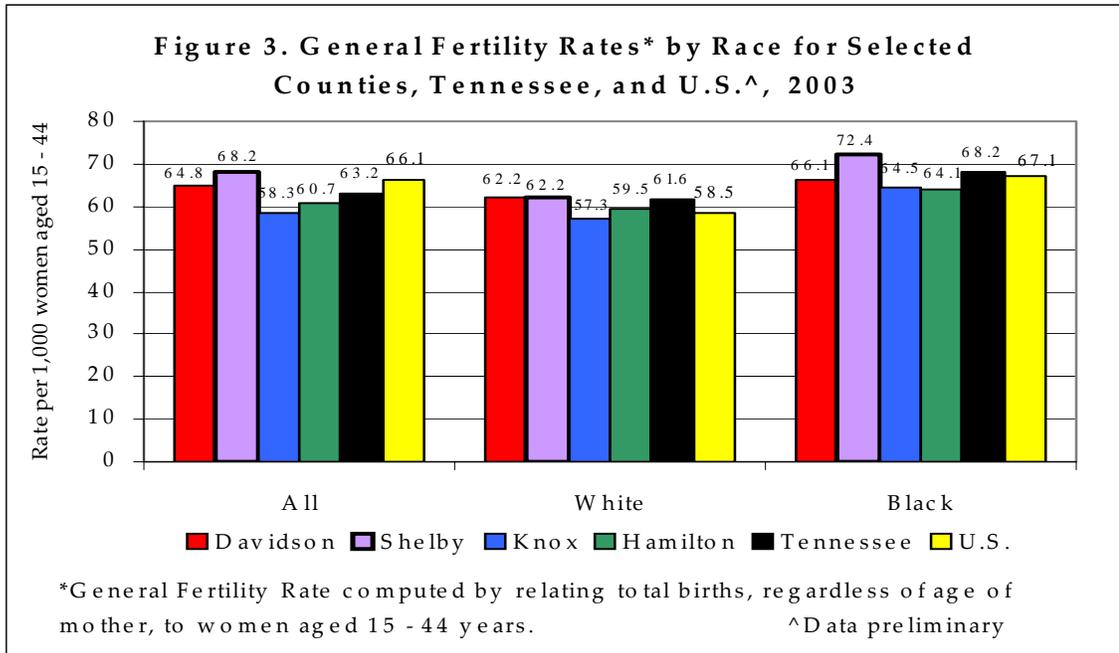
General Fertility Rates

In the year 2003, 8,900 infants were born in Davidson County. The birth rate for all races combined for that year is 64.8 infants born per 1,000 females aged 15 to 44 years. This rate represents a nearly 2% increase from the rate in 2002 (63.6).

Figure 2 depicts general fertility rates by race for the year 2003. Blacks have a higher rate than whites or all races combined. Females of other races have a birth rate much higher than any of the previous categories; though the actual number of births is much lower (542 births). Such a discrepancy can be attributed to the effect of small numbers.

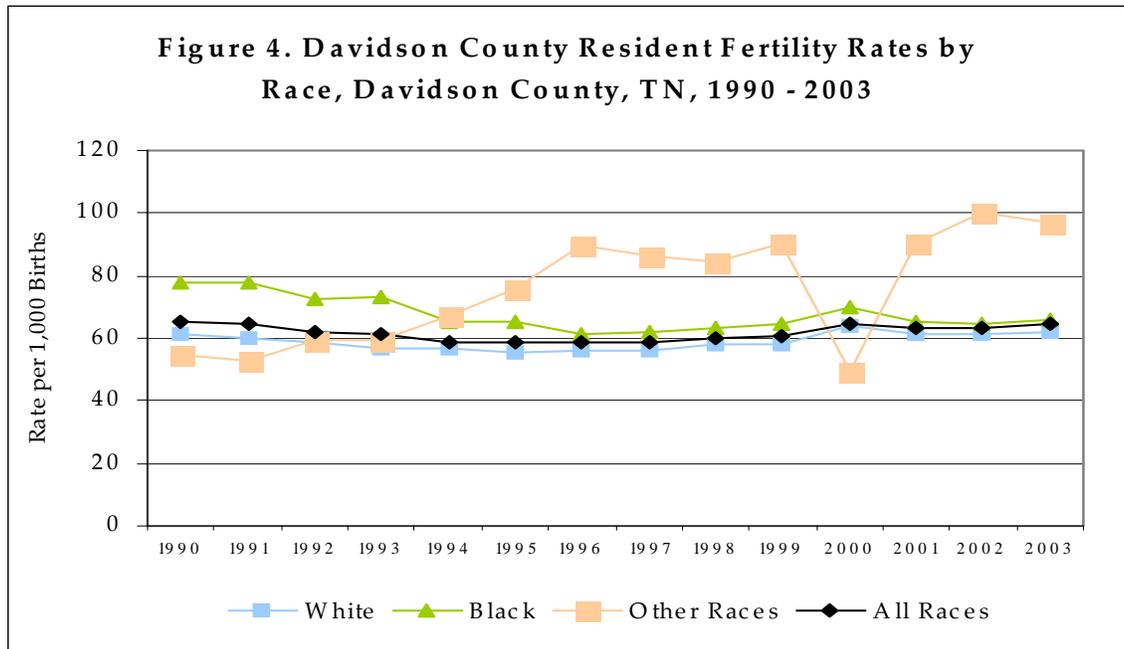


Comparing Davidson County's fertility rates with that of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and with the U.S. yields some important observations (Figure 3). All rates discussed are per 1,000 females aged 15-44. The fertility rate in Davidson County (64.8) is higher than that of Shelby County (68.2), Knox County (58.3), Hamilton County (60.7) and Tennessee (63.2), but is lower than the U.S. (66.1). Knox County has the lowest general fertility rate of 58.3 births per 1,000 females aged 15-44.



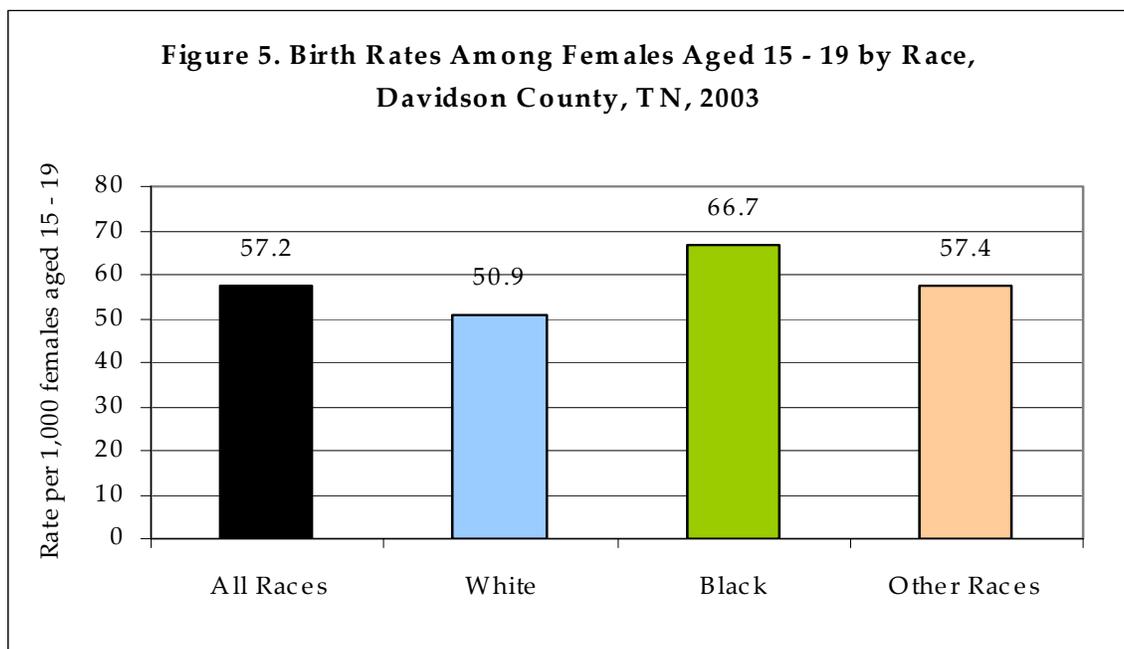
Examining the differences in fertility rates by race indicates that Knox County has the lowest fertility rate for whites (57.3). All the geographic areas compared, with the exception of Knox County, have fertility rates for whites that are higher than the U.S. rate (58.5). A different picture emerges for blacks, however. Hamilton County has the lowest black fertility rate (64.1). Davidson County has a fertility rate for blacks (66.1) that is lower than both the Tennessee rate (68.2) and the rate for the U.S. (67.1). Shelby County has the highest black fertility rate (72.4) of all the geographical areas compared.

Figure 4 depicts the fertility rate in Davidson County for 1990-2003, overall and grouped by race. On average, the birth rate in Davidson County has had only slight variability throughout the past decade. The rates for blacks are consistently higher than the overall rate, while the rates for whites are consistently lower. Although the rate for women of other races appears to have both steep inclines and declines, this is most likely attributable to the effect of small numbers and unreliable fertility estimates.



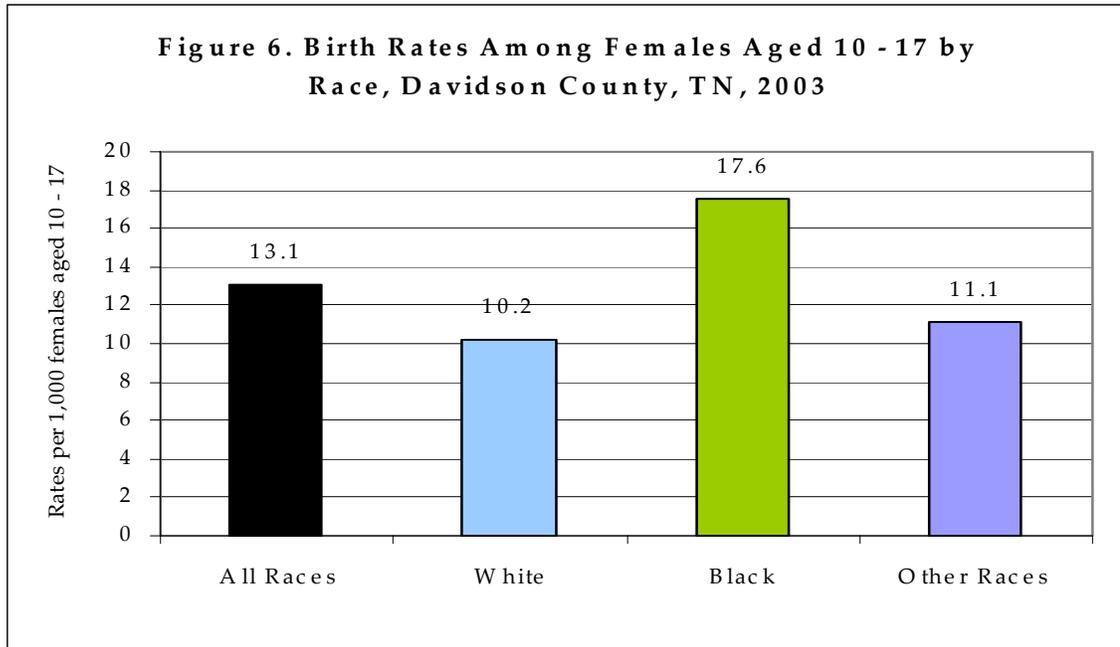
Births to Females Aged 15-19

In the year 2003, there were approximately 57 infants born for every 1,000 females aged 15-19 in Davidson County (Figure 5), a nearly 3% increase from the previous year (55.6). There is a large difference between the number of births to white females aged 15-19 compared to black females of the same age for the year 2003. For white females, there were nearly 51 infants born per 1,000, compared to nearly 67 infants born to black females of the same age group. Those of other races experienced a birth rate higher than whites (57.4), but lower than blacks.



Births to Females Aged 10-17

In the year 2003, there were approximately 13 infants born for every 1,000 females aged 10-17 in Davidson County (Figure 6), a 1.6% increase from the previous year (12.9). There is a large difference between the number of births to white females aged 10-17 compared to black females of the same age for the year 2003. For white females, there were approximately 10 infants born per 1,000, compared to approximately 17 infants per 1,000 born to black females of the same age group. Those of other races experienced a birth rate higher than the rate for whites, but lower than the rate for blacks, with approximately 11 infants born per 1,000 teens aged 10 to 17.



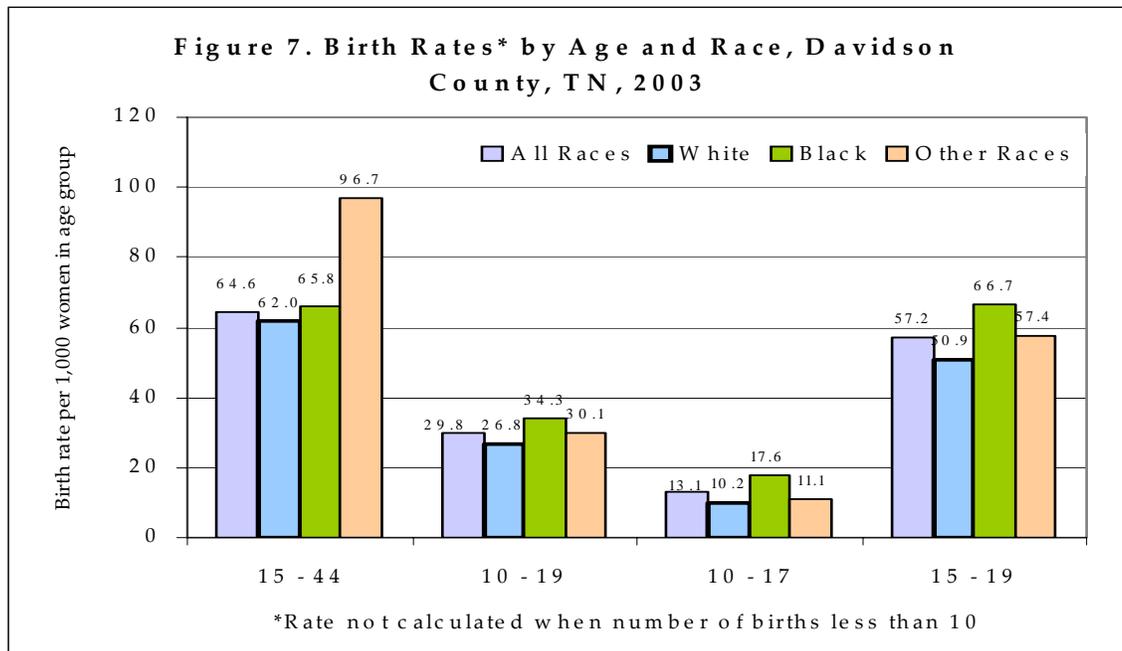
Births to Females Aged 10-14

Although adolescent females aged 10-14 contribute relatively few births to the overall adolescent birth rate, the consequences of pregnancy for this age group are likely to be more severe than in older adolescent females.¹ A female in this age group is less developed cognitively and biologically than her older adolescent counterpart.⁵ In addition, a girl who becomes pregnant at this age is more likely to bear more children while still in her teens than older adolescent females.⁶

In Davidson County, the fertility rate for females aged 10-14 in the year 2003 was 0.8. There were so few infants born to this age group that the calculation of rates by race was not conducted. The Davidson County birth rate for this age group is higher than the birth rate for females aged 10-14 in the U.S. (0.6).¹

Births to Females Aged 10-19

Examining adolescent births as an entire group yields results similar to those noted previously. In Davidson County, there were nearly 30 births per 1,000 females aged 10-19 during the year 2003. This rate is not evenly distributed across the races, as is illustrated in Figure 7. White females experienced the lowest birth rate with approximately 27 infants born per 1,000 females aged 10-19. Females of other races had a rate of approximately 30 infants per 1,000 females, and blacks had the greatest number of births yielding a rate of approximately 34 infants per 1,000 females aged 10-19.



Births to Unmarried Females

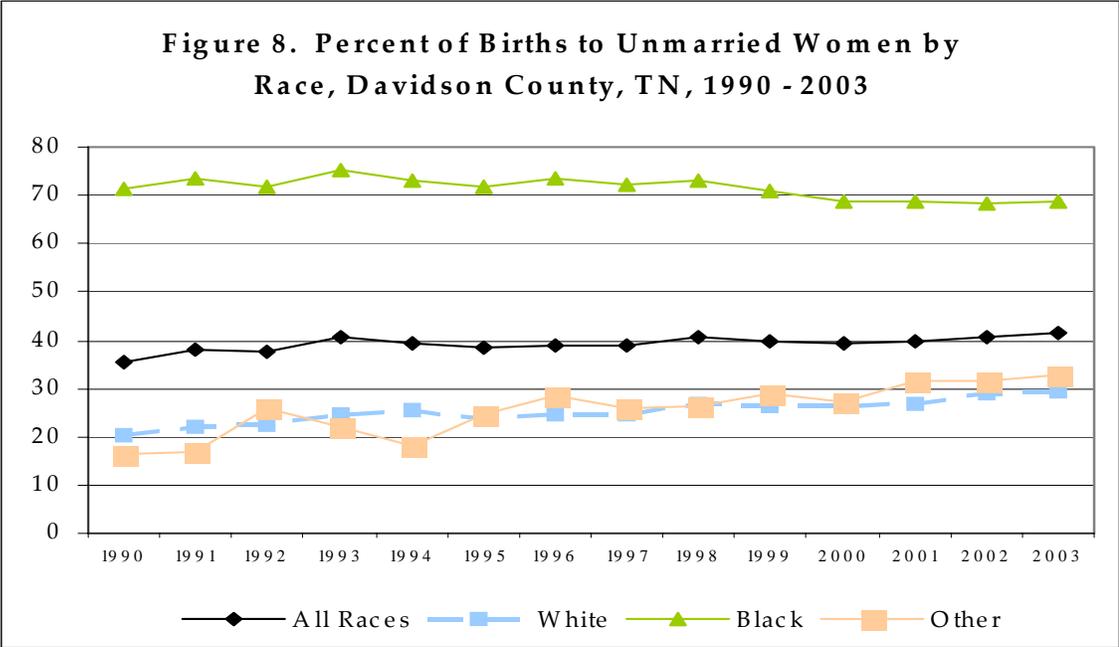
Marital status has long been recognized as being associated with pregnancy outcome. Infants of unmarried mothers tend to be of a lower birth weight⁷ and are at a higher risk of infant mortality than infants of married mothers.⁸ For example, unmarried females are less likely to obtain prenatal care in the first trimester of pregnancy than married females.⁹

It is important to note, however, that it is extremely unlikely that legal married status causes any of the aforementioned outcomes. Marital status is most likely a surrogate marker for other immeasurable social and economic risk factors.

Davidson County Natality Report, 2003

In the year 2003, 41.3% of all live births were to unmarried mothers. Black females had the highest percentage by far, with nearly 69% of live births occurring to unmarried mothers. Among white females, nearly 29.2% of live births occurred to unmarried mothers, while 32.7% of live births occurred to unmarried mothers among females of other races.

Percentages of live births to unmarried females have been remarkably stable since 1990 (Figure 8). Black percentages of live births to unmarried females seem to be stable, ranging from 68% to 75%, while percentages for Davidson County as a whole have ranged from 35% to 41%. Percentages of live births to unmarried females for whites and females of other races have remained nearly equivalent and show some indication of increasing through time.

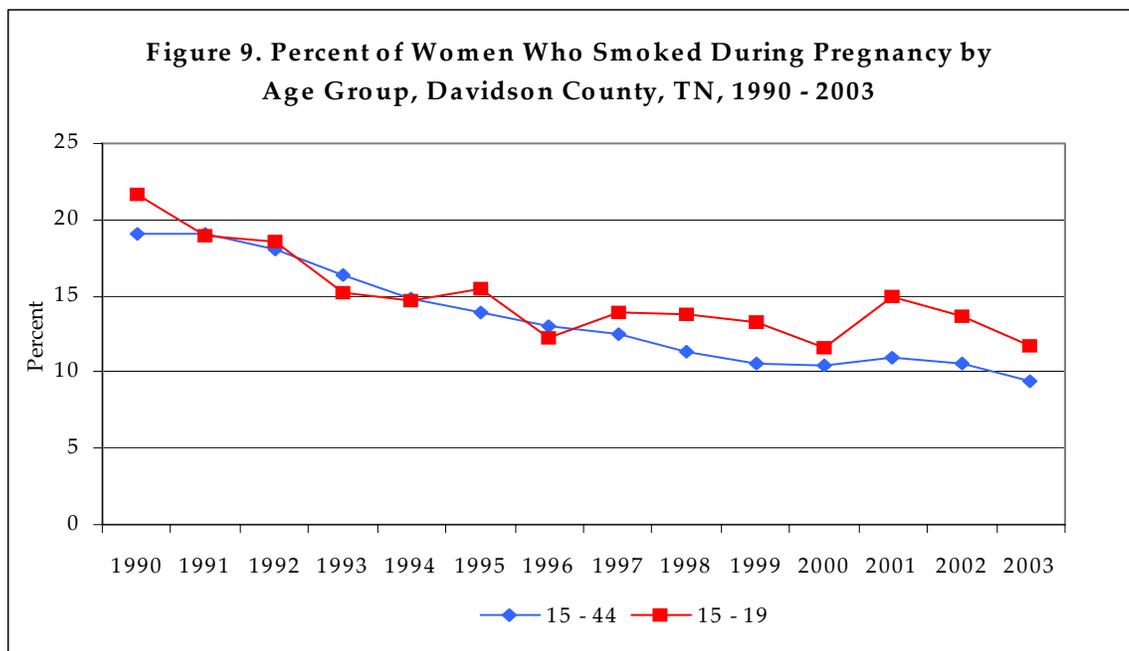


Risk Factors During Pregnancy

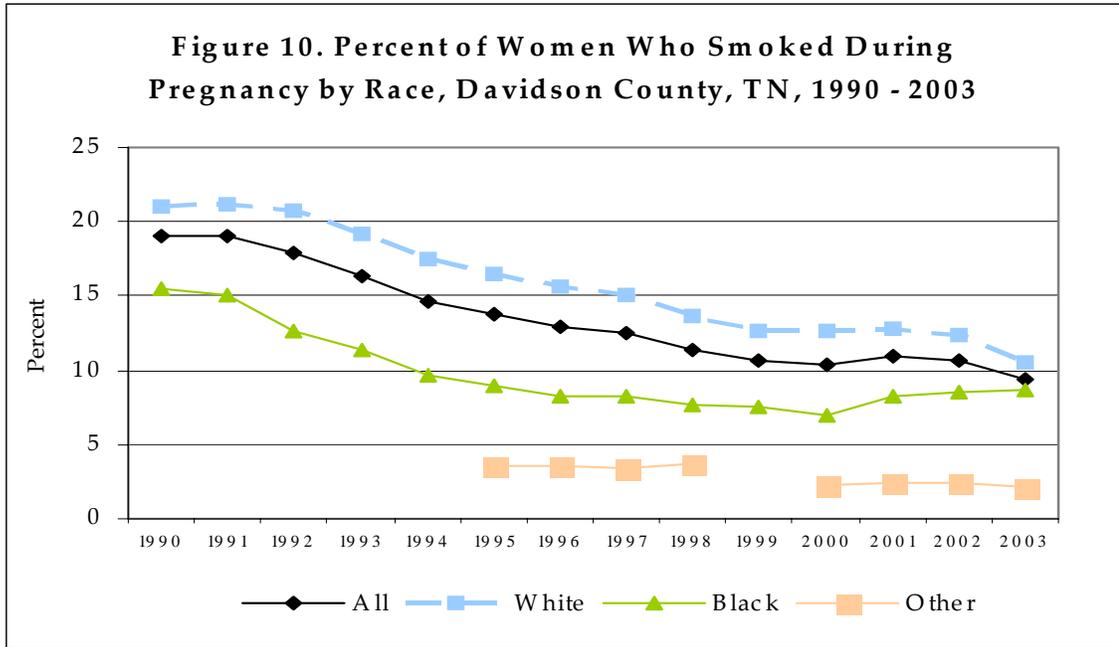
Tobacco Use During Pregnancy

Hospital representatives interview women who have given birth to obtain information required for the birth certificate. Among the questions asked is "Did you use tobacco during your pregnancy?" In 2003, 9.4% of women giving birth indicated they had smoked at some point during their pregnancy, a decrease from the 2002 percentage of 10.6%.

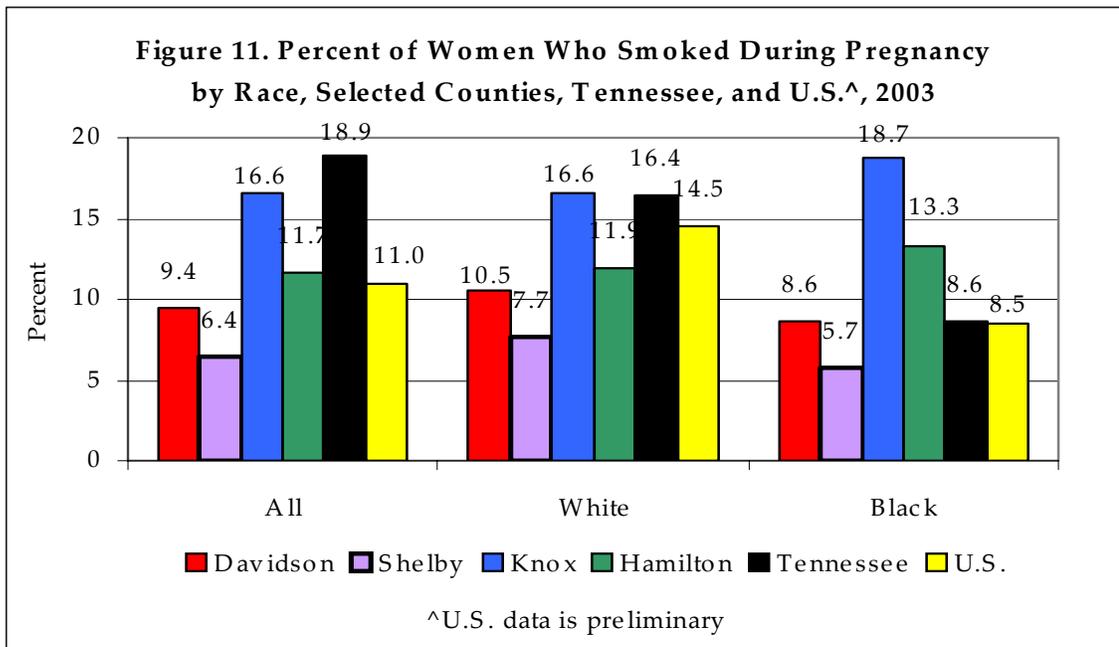
A higher percentage of women aged 15-19 (11.7%) smoked during pregnancy than the general population of pregnant women. As indicated in Figure 10, the prevalence of reported smoking during pregnancy has decreased since 1990. Despite this improvement, the percentage of women aged 15-19 that reported smoking during pregnancy has been consistently higher than the general population since 1997.



There is a marked difference in the percentage of women who smoked during pregnancy by race. A much higher percentage of white birth mothers indicated they smoked during pregnancy than did black or other race mothers. The respective percentages in 2003 were 10.5%, 8.6%, and 2.2%. White teens aged 15-19 had the highest percentage of smokers (16.1%) of all categories while the percentage of black teens who smoked during pregnancy was much smaller (7.2%). Percentages of smoking during pregnancy have declined for whites and blacks during the 1990's (Figure 10). The number of smokers among birth mothers of other races was too small to calculate a stable rate.



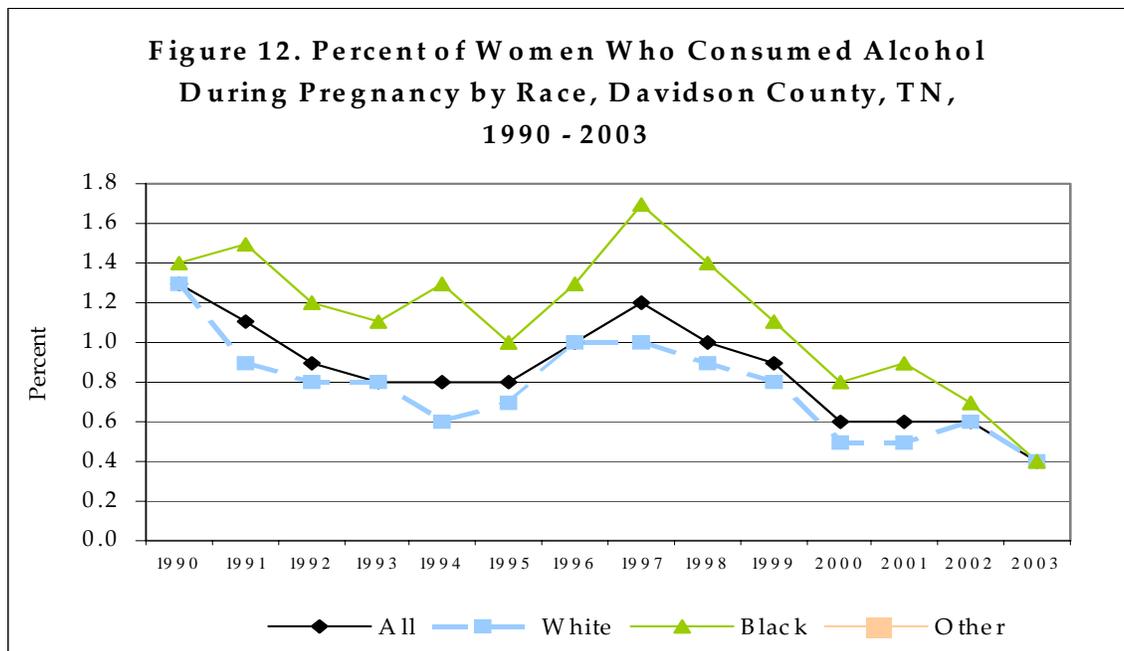
Comparing the percentage of women who smoked during pregnancy in Davidson County with the percentages of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and with the U.S. yields some important observations (Figure 11). Tennessee had the highest percentage of women who smoked during pregnancy (18.9%) and Shelby County had the lowest (6.4%) of all geographic areas compared. Davidson County (9.4%) had a lower percentage than Hamilton County (11.7%), Knox County (16.6%), and the U.S. (11.0%).



Examining the differences in smoking prevalence by race indicates that Shelby County has the lowest percentage for whites (7.7%). All the counties being compared except Knox (16.6%), as well as the U.S, have smoking percentages for whites lower than the Tennessee prevalence (16.4%). A different picture emerges for blacks, however. Shelby County, again, has the lowest prevalence (5.7%). Davidson County has a prevalence for blacks (8.6%) that is equivalent to the Tennessee percentage (8.6%) and nearly equivalent to the percentage for the U.S. (8.5%). Knox County has the highest percentage of blacks smoking during pregnancy (18.7%) among all the compared geographical areas.

Alcohol use During Pregnancy

Birth mothers are asked if they consumed alcohol during their pregnancy for reporting on the birth certificate. In 2003 0.4% of all birth mothers indicated that they had consumed alcohol while pregnant, compared to 0.6% in 2002. As indicated in Figure 12, there has been a slight decrease in the amount of alcohol consumption during pregnancy since 1990. Similarly, it appears that blacks have a slightly higher percentage of alcohol use while pregnant than whites. It is important to note, however, that this difference is not significant. There are not enough data available to calculate percentages for women of other races.



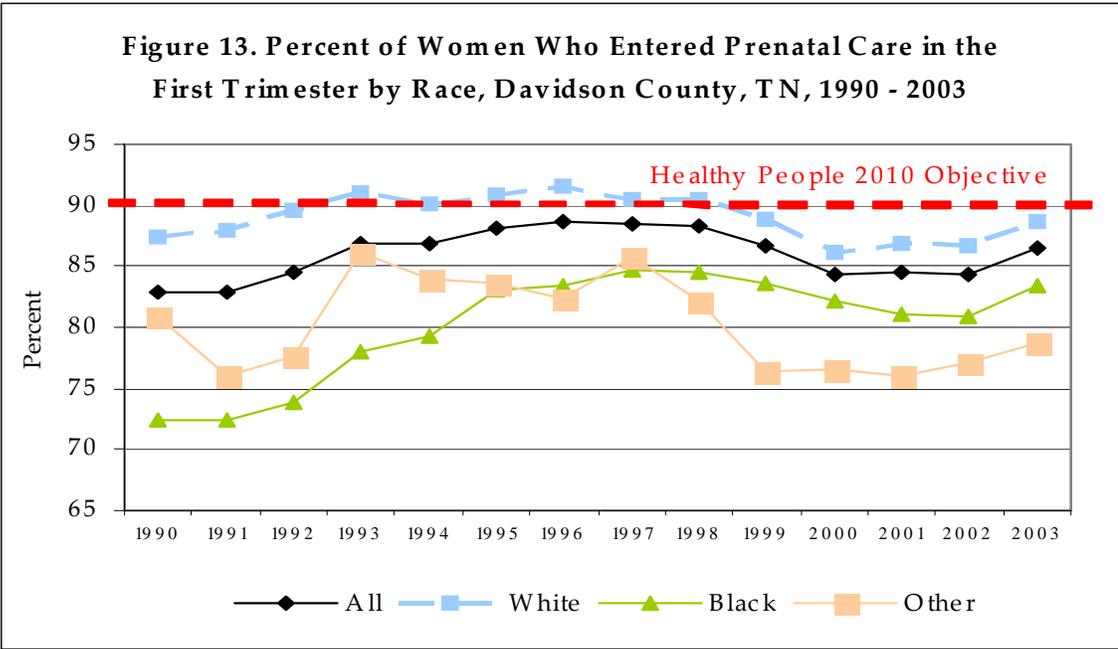
Prenatal Care

First trimester care

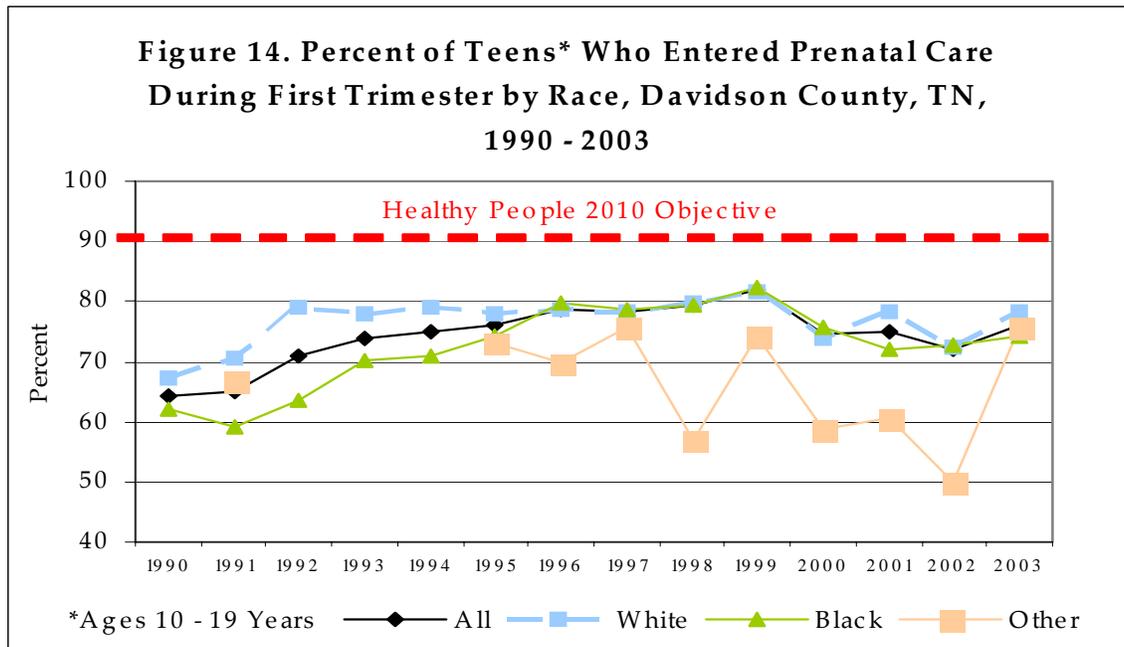
Prenatal care forms the cornerstone of services offered to pregnant females, and includes three components: risk assessment, medical treatment and health education. Prenatal care utilization is measured by the proportion of women who began receiving care during the first three months of pregnancy.

In 2003, 86.5% of women with live births started prenatal care during the first trimester of pregnancy, compared to 84.4% in 2002. In Davidson County, white females have the highest percentage of first trimester care with 88.7%, followed by black females with 83.4%. Women of other races have the lowest percentage of early prenatal care utilization with 78.8%. All of these percentages fall below the Health People 2010 Objective 16.6, which states that 90% of all pregnant women should be seeking and receiving prenatal care during the first three months of pregnancy.

Overall percentages of early prenatal care use have improved through time (Figure 13), with gains in 2003 over the previous year; however, there is still room for improvement in the number of women utilizing early prenatal care. Using the Healthy People 2010 Objective of 90% as the gold-standard, white mothers met this goal during the mid-1990's, but the trend was not stable. As of 2003, Davidson County as a whole is nearly 4% below the national goal. Similarly, the proportion of white mothers utilizing prenatal care was 1.4% below the goal, black mothers were 7.3% below the goal, and mothers of other races were approximately 12% below the goal.



If we examine the data for mothers aged 10-19, the picture is far less encouraging (Figure 14). Teen mothers are at risk for poor perinatal outcomes. Early prenatal care can provide these young mothers with nutritional counseling, sexually transmitted disease (STD) screens, smoking cessation programs, and other services likely to improve the health of the mother and the child. In 2003, fewer of these teen mothers received early care compared to pregnant females in Davidson County as a whole. Although the percentage of teen mothers receiving early prenatal care (75.9%) is considerably lower than the percentage of pregnant females as a whole (86.5%), the 2003 rate for teens represents a 5.6% improvement from the 2002 teen rate. Among teen mothers aged 10-19, a greater proportion of white females (78.2%) received first trimester prenatal care than black females (73.2%). Nearly 76.0% of females aged 10-19 of other races received first trimester prenatal care.



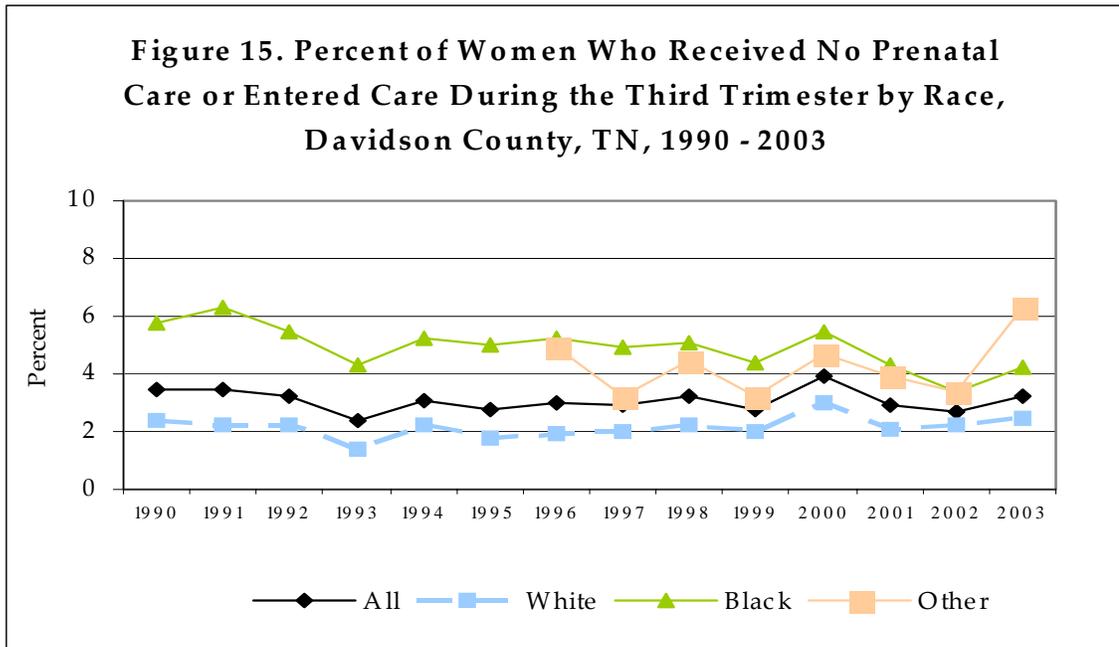
There has been a slight, but steady increase in the percentage of teen females entering first trimester care until 1999, when we see the proportions begin to decline. This decline continues until 2003, where the utilization rates start to demonstrate slight increases. Using the Healthy People 2010 Objective of 90% as the gold-standard, it is clear that no group of teen mothers has achieved the goal. As of 2003, teens in Davidson County as a whole are 15.7% below the national goal. Similarly, the proportion of white mothers utilizing prenatal care is nearly 13.1% below the goal, black mothers are 18.6% below the goal, and mothers of other races are approximately 15.9% below the goal.

Late or no prenatal care

In addition to recording the number of females entering prenatal care during the first trimester of pregnancy, Davidson County also records the number of females who receive late or no prenatal care. Late or no prenatal care prevents early identification of mothers at high risk for poor perinatal outcomes such as preterm delivery, low birth weight, and congenital defects. Lack of early and adequate prenatal care also reduces the number of opportunities for maternal education on a wide range of topics concerning the health of both the mother and the child. Educational topics might include information on future pregnancy prevention, the prevention of birth defects, general nutrition, breastfeeding, and the signs and symptoms of preterm labor.

In Davidson County during the year 2003, 3.2% of pregnant females received either late or no prenatal care, representing an 18.5% increase from 2002 (2.7%). Examining the data by race shows that blacks (4.2%) and women of other races (6.3%) both have higher percentages of women receiving either late or no prenatal care than whites (2.5%).

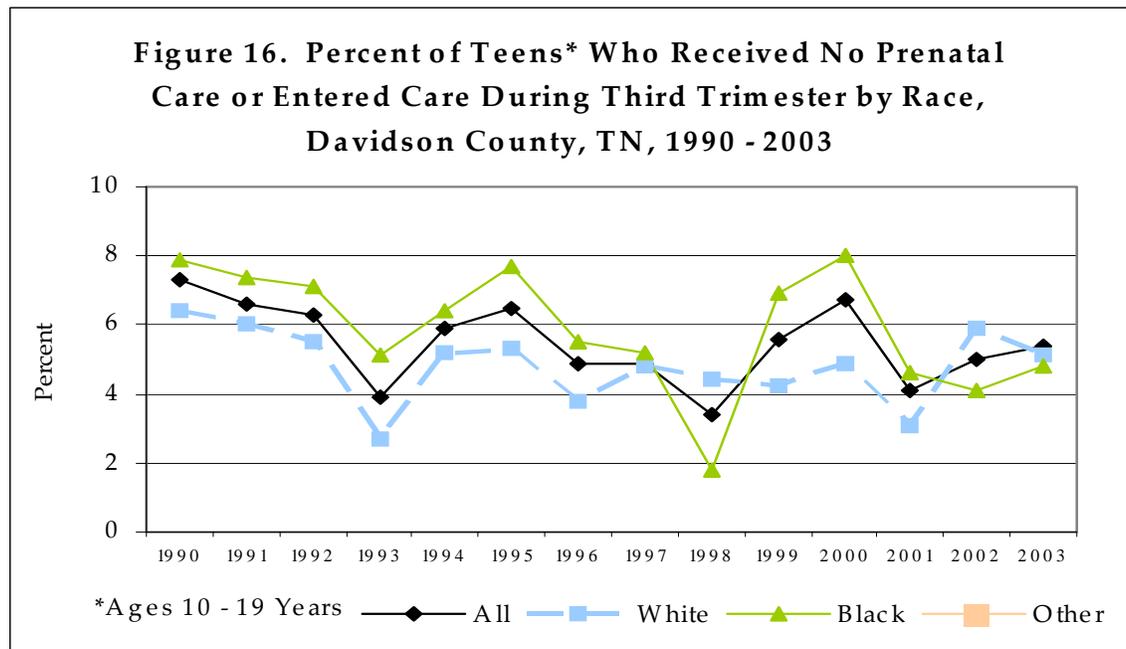
As seen in Figure 15, the number of women receiving late or no prenatal care has decreased yearly from 2000 through 2002 but rose again in 2003. Both the cause and stability of the trend are unknown. Women of other races have the greatest percentage of females receiving late or no prenatal care followed by blacks. Whites have the lowest percentages of all the comparisons.



Davidson County Natality Report, 2003

The pregnant teen population aged 10-19 has a higher percentage of late or no prenatal care utilization than all pregnant females in Davidson County. Overall, 5.4% of teen mothers are either starting care during the third trimester of pregnancy or are receiving no prenatal care, an 8% increase from the previous year (5.0%). White teens have a higher percentage of not receiving prenatal care (5.1%) compared to black teens (4.8%). The number of teen mothers of other races is too small to calculate a reliable prevalence.

As seen in Figure 16, the number of teens aged 10-19 receiving late or no prenatal care has been decreasing since the year 2000. Both the cause and stability of this trend are unknown. Blacks generally have higher percentages of teens receiving late or no prenatal care, except in the years 1998, 2002, and 2003.

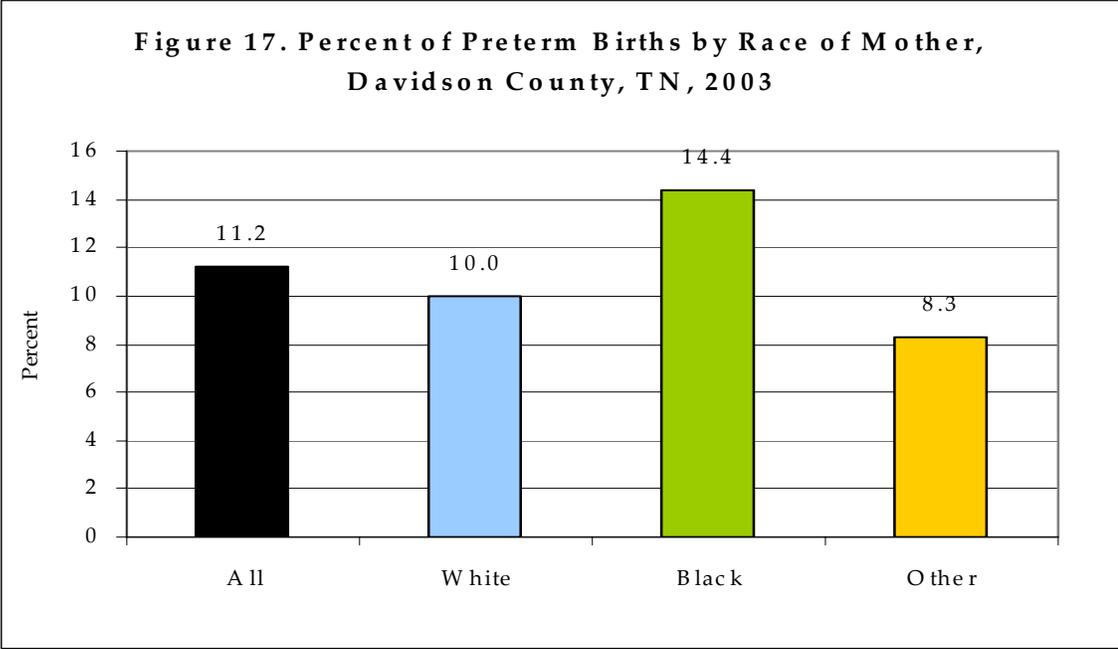


Infant Health Characteristics

Preterm Birth

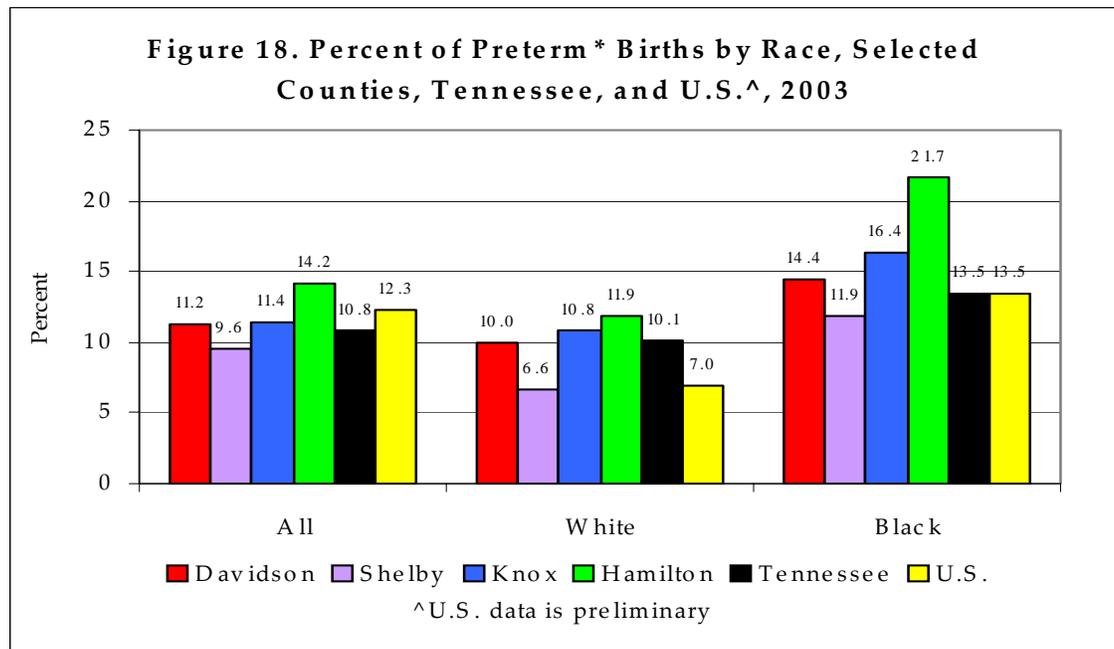
Preterm delivery is defined as the termination of pregnancy before the completion of the 37th week of gestation. Preterm birth is a major cause of low birth weight, and combined with low birth weight, is a predominant cause of infant mortality and morbidity.¹⁰ The overall rate of preterm births is gradually increasing nationwide. Research indicates that from 1989 through 1996, there was a 4 percent increase in preterm delivery rates in the U.S.¹¹ This phenomenon seems to be evident in industrialized nations around the world.¹¹ Although the exact causes of preterm birth are unknown, risk factors for preterm birth include low socioeconomic status, previous preterm delivery, smoking, and inadequate weight gain during pregnancy.

During the year 2003, 11.2% of infants born in Davidson County were premature, a 16.7% increase from the previous year (9.6%). When examined by race, 10.0% of white infants born that year were premature compared to 14.4% of black infants, and 8.3% of infants of other races. (Figure 17)



Davidson County Natality Report, 2003

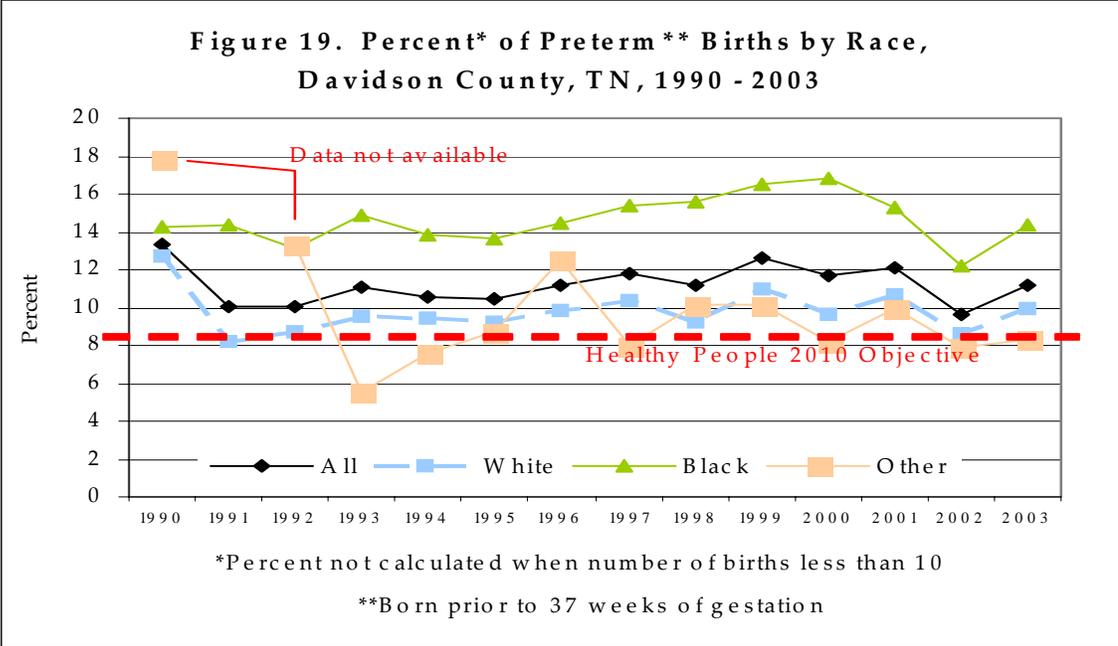
Comparing the percentages of preterm births in Davidson County with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and with the U.S. yields some important observations (Figure 18). All percentages discussed are per all live births. Overall, Hamilton County has the highest percentage of preterm births (14.2%). Shelby County (9.6%) has the lowest percentage of preterm births of all areas compared. Davidson County (11.2%) has a percentage lower than Knox County (11.4%), and the U.S. (12.3%), but is higher than the rate of preterm births for Tennessee (10.8%).



Examining the differences in percentage of preterm birth by race reveals a large disparity between whites and blacks. This disparity is evident in all of the geographic areas under comparison. Hamilton County has the highest percentage of white preterm births (11.9%). The percentage of white preterm births in Davidson County (10.0%) is nearly equivalent to the proportion for Tennessee (10.1%), but is higher than the U.S. (7.0%). Shelby County has the lowest percentage of preterm births for whites (6.6%) for all areas compared. For blacks, Hamilton County has the highest percentage of preterm births (21.7%) of all the areas compared. The percentage of black preterm births in Davidson County is higher than the percentage for both the U.S. (13.5%) and Tennessee (13.5%), but is lower than the percentage for Knox County (16.4%).

Davidson County Natality Report, 2003

An examination of preterm births through time can be found in Figure 19. Blacks consistently have the highest percentage of preterm births. From the year 2000 through 2002, there appears to be a reduction in the proportion of black live births that are born preterm. However, in 2003, there was an increase in the proportion of preterm births for all races from the previous year.

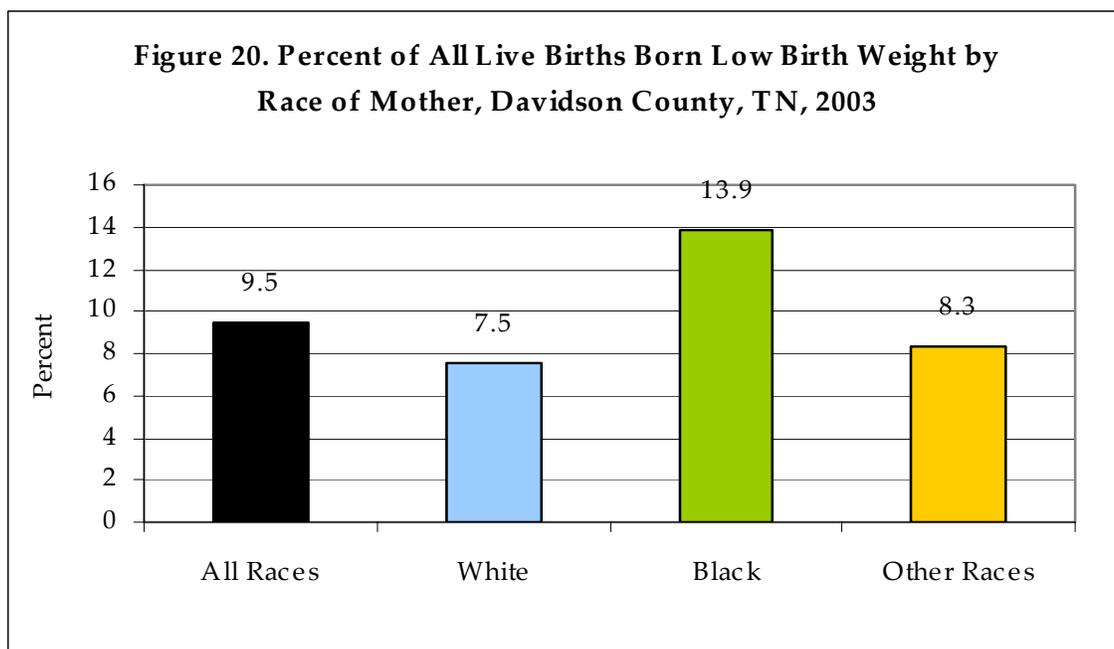


The Healthy People 2010 objective is to reduce the percentage of preterm births to 7.6%. As is indicated in Figure 19, Davidson County falls short of this goal. Overall, Davidson County exceeds the 2010 goal by 47.3%. Whites exceed the goal by 31.6%, blacks exceed the goal by 89.4%, and women of other races exceed the goal by nearly 9.2%.

Low Birth Weight

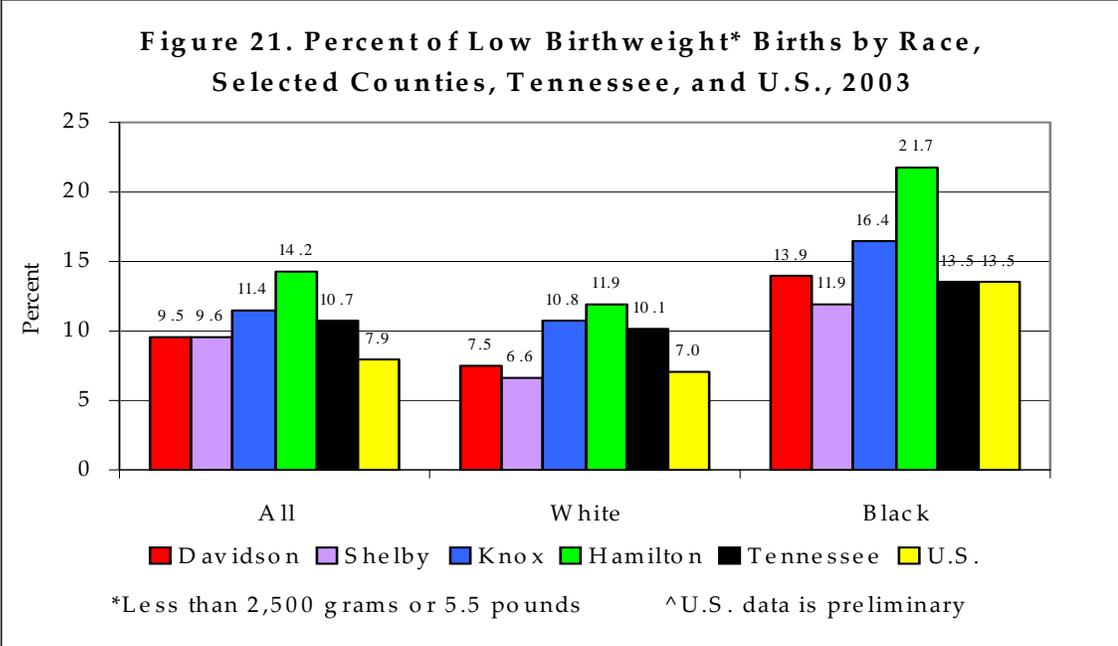
Low birth weight is defined as a weight at birth of less than 2,500 grams or 5 pounds 8 ounces. Birth weight has a strong association with both mortality and morbidity. Research indicates that a death during the neonatal period is nearly 40 times more likely to occur among low birth weight infants than among infants of normal weight.¹² Additionally, children born at low birth weight are at an increased risk of general morbidity and other disorders such as severe mental retardation and neurological problems.¹²

In Davidson County, 9.5% of all live births during the year 2003 weighed less than 2,500 grams compared to 9.1% in 2002. When stratified by race, 7.5% of whites born that year were low birth weight compared to 13.9% of blacks, and 8.3% of other races. (Figure 20)



Davidson County Natality Report, 2003

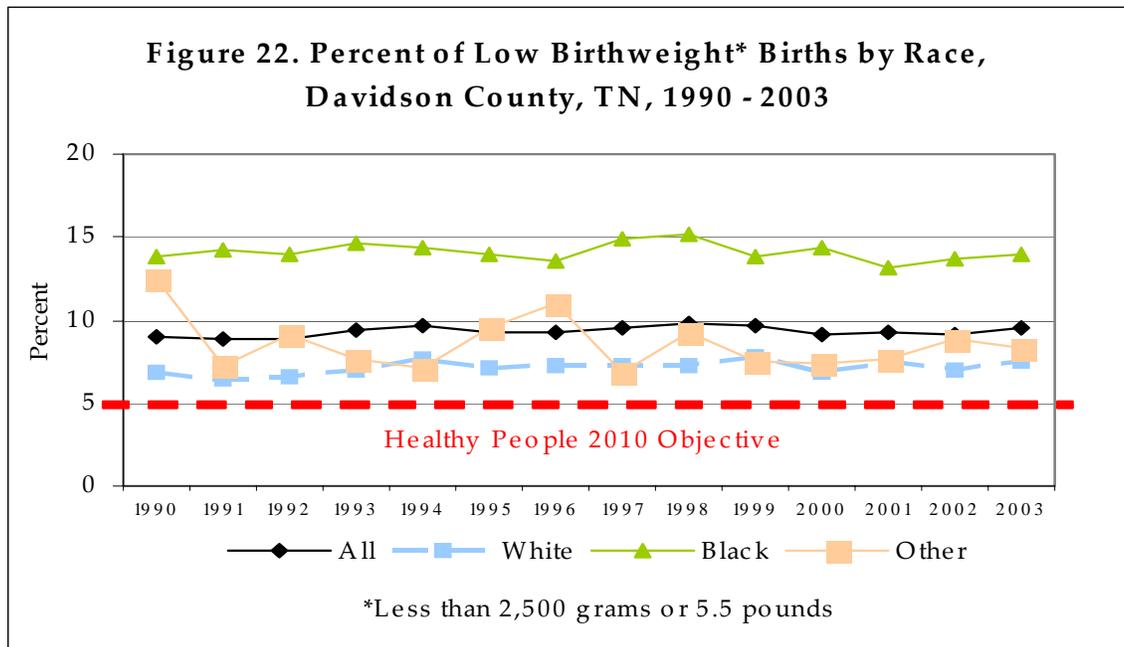
Comparing the percentages of low birth weight births in Davidson County with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S. yields some important observations (Figure 21). All percentages discussed are per all live births. Overall, Hamilton County has the highest percentage of low birth weight (14.2%). The percentage of low birth weight infants in Davidson County (9.5%) is less than the percentage of Tennessee (10.7%), Shelby County (9.6%), and Knox County (11.4%), but is higher than the U.S. (7.9%).



Examining the differences in percentage of low birth weight by race reveals a large disparity between whites and blacks. This disparity is evident in all of the areas under comparison. Hamilton County has the highest percentage of low birth weight infants for whites (11.9%). The percentage of white low birth weight births in Davidson County (7.5%) is lower than the percentage for Tennessee (10.1%) and Knox County (10.8%), but higher than the percentage for the U.S. (7.0%). For blacks, Hamilton County has the highest percentage of low birth weight infants (21.7%) of all the areas compared. The percentage of black low birth weight infants in Davidson County (13.9%) is lower than the percentage for Knox County (16.4%), but is higher than both the percentage for Tennessee and the U.S. (13.5%).

Davidson County Natality Report, 2003

Nationally, there has been little change in the proportion of low birth weight infants over the past few decades.¹² The disparity between whites and blacks has remained constant during the past decade. The trend in Davidson County mimics the national trend where the percentage of black infants born less than 2,500 grams hovers between 13 and 16 percent. For whites, the proportion is smaller with only 6 to 8 percent of infants being born low birth weight. Overall, between 8 and 10 percent of births in Davidson County each year weigh less than 2,500 grams. The Healthy People 2010 objective for this indicator is to reduce the percentage of births weighing less than 2,500 grams to 5%. As indicated in Figure 22, there is much work needed in Davidson County to achieve that goal by 2010.



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Appendix

Davidson County Natality Report, 2003

Table 1. Number of Live Births, General Fertility Rates, and Age-Specific Fertility Rates* by Race and Age, Davidson County, TN, 1990 - 2003

Year	All Races				White				Black				Other			
	All	15 - 44	10 - 19	10 - 17	All	15 - 44	10 - 19	10 - 17	All	15 - 44	10 - 19	10 - 17	All	15 - 44	10 - 19	10 - 17
Number																
2003	8,900	8,873	1,020	333	5,667	5,652	528	149	2,687	2,676	455	174	542	541	37	10
2002	8,778	8,742	1,021	329	5,620	5,602	529	158	2,624	2,607	462	165	532	531	30	6
2001	8,773	8,741	1,061	351	5,678	5,663	546	171	2,639	2,624	477	170	456	454	38	10
2000	8,981	8,946	1,147	434	5,727	5,711	566	184	2,767	2,748	552	238	487	487	29	12
1999	8,524	8,484	1,175	248	5,521	5,503	601	196	2,601	2,580	547	221	402	401	27	11
1998	8,502	8,454	1,249	487	5,597	5,576	633	223	2,552	2,525	595	256	353	353	21	8
1997	8,359	8,332	1,181	479	5,513	5,504	568	199	2,497	2,480	580	263	349	348	33	17
1996	8,245	8,185	1,275	528	5,501	5,482	608	218	2,399	2,362	634	292	345	341	33	18
1995	8,218	8,175	1,187	495	5,438	5,428	563	191	2,505	2,473	609	297	275	274	15	7
1994	8,171	8,116	1,253	520	5,518	5,502	632	231	2,429	2,393	609	285	224	221	12	4
1993	8,334	8,296	1,281	554	5,503	5,494	603	220	2,650	2,621	667	332	181	181	11	2
1992	8,439	8,394	1,245	536	5,714	5,703	619	230	2,560	2,530	607	300	165	161	19	6
1991	8,645	8,612	1,337	546	5,821	5,812	684	240	2,686	2,662	632	300	138	138	21	6
1990	8,706	8,668	1,308	491	5,962	5,954	672	210	2,592	2,562	619	272	152	152	17	9
Fertility Rate**																
2003	64.8	64.6	29.8	13.1	62.2	62.0	26.8	10.2	66.1	65.8	34.3	17.6	96.9	96.7	30.1	11.1
2002	63.6	63.3	29.9	12.9	61.0	61.5	26.8	10.8	64.6	64.1	34.9	16.7	100.2	95.0	24.4	*
2001	63.2	63.0	30.5	13.7	61.0	60.8	26.6	11.3	65.0	64.7	36.5	17.6	90.3	89.9	31.8	11.6
2000	64.4	64.1	32.7	16.9	63.7	63.5	28.7	12.8	69.6	69.1	43.7	25.6	49.3	49.3	10.5	6.0
1999	60.9	60.6	33.6	9.7	58.1	57.9	28.7	12.8	64.3	63.8	42.5	23.5	90.3	90.1	23.7	13.4
1998	60.2	59.8	35.8	19.2	57.9	57.6	30.0	14.5	63.1	62.5	46.7	27.7	84.6	84.6	19.0	**
1997	58.8	59.0	33.9	18.9	56.2	56.1	26.7	12.8	62.3	61.9	46.3	29.0	86.6	86.4	31.4	22.4
1996	58.5	58.0	37.1	21.0	56.1	55.9	28.7	14.0	61.3	60.4	52.0	33.0	89.5	88.5	32.9	24.6
1995	58.7	58.4	35.1	19.9	55.5	55.4	26.8	12.3	65.5	64.7	51.5	34.4	75.5	75.3	15.6	**
1994	59.0	58.6	37.7	21.1	56.5	56.3	30.4	15.0	65.0	64.0	52.7	33.5	67.0	66.1	13.6	**
1993	61.0	60.7	39.3	22.9	56.6	56.5	29.3	14.4	72.9	72.1	59.3	40.0	59.6	59.6	13.4	**
1992	62.3	62.0	38.9	22.3	58.7	58.6	30.4	15.2	72.5	71.6	55.8	37.3	59.3	57.9	25.1	**
1991	64.3	64.0	42.3	23.4	59.7	59.6	33.7	15.9	78.1	77.4	59.6	38.5	52.6	52.6	29.6	**
1990	65.5	65.2	40.9	21.0	61.6	61.5	32.5	13.7	77.8	76.9	59.1	35.9	54.5	54.5	21.8	**

*Live births per 1,000 women in age group

**Rates are not calculated when the number of births is less than 10

Note: Rates are live births per 1,000 women in specified age and racial group. Fertility rate computed by relating total births, regardless of age of mother, to women aged 15 - 44 years.

Davidson County Natality Report, 2003

Table 2. Teen and Adolescent Live Births and Age-Specific Fertility Rates*by Race and Age, Davidson County, TN, 1990 - 2003

Year	All Races				White				Black				Other			
	10 - 19	10 - 17	10 - 14	15 - 19	10 - 19	10 - 17	10 - 14	15 - 19	10 - 19	10 - 17	10 - 14	15 - 19	10 - 19	10 - 17	10 - 14	15 - 19
Number																
2003	1,020	333	14	1,006	528	149	6	522	455	174	8	447	37	10	0	37
2002	1,021	329	19	1,002	529	158	6	523	462	165	13	449	30	6	0	30
2001	1,061	351	18	1,043	546	171	4	542	477	170	13	464	38	10	1	37
2000	1,147	434	24	1,123	566	184	7	559	552	238	17	535	29	12	0	29
1999	1,175	248	31	1,144	601	196	11	590	547	221	20	527	27	11	0	27
1998	1,249	487	36	1,213	633	223	13	620	595	256	23	572	21	8	0	21
1997	1,181	479	19	1,162	568	199	4	564	580	263	15	565	33	17	0	33
1996	1,275	528	49	1,226	608	218	12	596	634	292	35	599	33	18	2	31
1995	1,187	495	38	1,149	563	191	6	557	609	297	32	577	15	7	0	15
1994	1,253	520	44	1,209	632	231	9	623	609	285	35	574	12	4	0	12
1993	1,281	554	35	1,246	603	220	7	596	667	332	28	639	11	2	0	11
1992	1,245	536	42	1,203	619	230	10	609	607	300	30	577	19	6	2	17
1991	1,337	546	32	1,305	684	240	8	676	632	300	24	608	21	6	0	21
1990	1,308	491	33	1,275	672	210	5	667	619	272	28	591	17	9	0	17
Fertility Rate**																
2003	29.8	13.1	0.8	57.2	26.8	10.2	**	50.9	34.3	17.6	**	66.7	30.1	11.1	**	57.4
2002	29.6	12.9	1.2	55.6	26.3	10.6	**	49.1	35.1	16.9	2.0	66.6	24.8	**	**	46.1
2001	30.5	13.7	1.1	56.4	26.6	11.3	**	49.1	36.5	17.6	2.1	68.4	31.8	11.6	**	56.2
2000	32.7	16.9	1.5	59.2	28.7	12.8	**	51.9	43.7	25.6	2.8	80.2	10.5	6.0	**	19.2
1999	33.6	9.7	1.9	60.1	28.7	12.8	1.2	51.3	42.5	23.5	3.4	76.2	23.7	13.4	**	42.7
1998	35.8	19.2	2.3	63.2	30.0	14.5	1.4	53.4	46.7	27.7	4.0	81.8	19.0	**	**	34.6
1997	33.9	18.9	1.2	60.8	26.7	12.8	**	48.5	46.3	29.0	2.7	81.5	31.4	22.4	**	57.3
1996	37.1	21.0	3.1	65.8	28.7	14.0	1.2	52.2	52.0	33.0	6.3	89.8	32.9	24.6	**	57.6
1995	35.1	19.9	2.4	63.7	26.8	12.3	**	49.9	51.5	34.4	5.9	90.4	15.6	**	**	29.7
1994	37.7	21.1	2.8	69.2	30.4	15.0	**	57.0	52.7	33.5	6.4	94.3	13.6	**	**	25.7
1993	39.3	22.9	2.2	73.4	29.3	14.4	**	55.7	59.3	40.0	5.2	109.1	13.4	**	**	25.5
1992	38.9	22.3	2.7	72.2	30.4	15.2	1.0	57.6	55.8	37.3	5.8	101.9	25.1	**	**	41.2
1991	42.3	23.4	2.1	78.2	33.7	15.9	**	63.2	59.6	38.5	4.8	108.6	29.6	**	**	53.0
1990	40.9	21.0	2.2	74.0	32.5	13.7	**	59.8	59.1	35.9	5.8	104.8	21.8	**	**	38.6

Davidson County Natality Report, 2003

Table 3. Number of Live Births and Crude Birth Rates* by Race and Age, Davidson County, TN, 1990 - 2003

Year	All Races				White				Black				Other			
	All	15 - 44	10 - 19	10 - 17	All	15 - 44	10 - 19	10 - 17	All	15 - 44	10 - 19	10 - 17	All	15 - 44	10 - 19	10 - 17
Number																
2003	8,900	8,873	1,020	333	5,667	5,652	528	149	2,687	2,676	455	174	542	541	37	10
2002	8,778	8,742	1,021	329	5,620	5,602	529	158	2,624	2,607	462	165	532	531	30	6
2001	8,773	8,741	1,061	351	5,678	5,663	546	171	2,639	2,624	477	170	456	454	38	10
2000	8,981	8,946	1,147	434	5,727	5,711	566	184	2,767	2,748	552	238	487	487	29	12
1999	8,524	8,484	1,175	248	5,521	5,503	601	196	2,601	2,580	547	221	402	401	27	11
1998	8,502	8,454	1,249	487	5,597	5,576	633	223	2,552	2,525	595	256	353	353	21	8
1997	8,359	8,332	1,181	479	5,513	5,504	568	199	2,497	2,480	580	263	349	348	33	17
1996	8,245	8,185	1,275	528	5,501	5,482	608	218	2,399	2,362	634	292	345	341	33	18
1995	8,218	8,175	1,187	495	5,438	5,428	563	191	2,505	2,473	609	297	275	274	15	7
1994	8,171	8,116	1,253	520	5,518	5,502	632	231	2,429	2,393	609	285	224	221	12	4
1993	8,334	8,296	1,281	554	5,503	5,494	603	220	2,650	2,621	667	332	181	181	11	2
1992	8,439	8,394	1,245	536	5,714	5,703	619	230	2,560	2,530	607	300	165	161	19	6
1991	8,645	8,612	1,337	546	5,821	5,812	684	240	2,686	2,662	632	300	138	138	21	6
1990	8,706	8,668	1,308	491	5,962	5,954	672	210	2,592	2,562	619	272	152	152	17	9
Birthrate**																
2003	n															
2002	15.2	31.4	14.5	6.2	13.9	29.2	12.7	5.1	16.9	34.4	17.5	8.2	27.3	48.2	12.2	*
2001	15.3	31.3	14.9	6.6	14.0	29.4	12.8	5.5	17.1	34.7	18.2	8.5	29.1	43.3	15.7	5.8
2000	15.8	32.0	16.0	8.2	15.0	31.4	14.1	6.2	18.7	37.2	21.8	12.4	12.1	20.5	4.8	2.8
1999	15.0	30.3	16.5	4.7	13.8	28.2	13.9	6.2	17.3	34.3	21.3	11.4	24.8	42.5	11.7	6.7
1998	15.0	30.1	17.6	9.3	13.9	28.3	14.6	7.1	17.2	33.7	23.5	13.5	22.8	39.6	9.4	**
1997	14.8	29.6	16.7	9.2	13.6	27.7	13.0	6.2	17.1	33.4	23.3	14.1	23.8	40.7	15.3	11.1
1996	14.8	29.3	18.3	10.2	13.7	27.7	14.0	6.8	16.9	32.5	26.2	16.1	24.9	42.2	16.0	12.1
1995	14.9	29.6	17.3	9.7	13.6	27.5	13.1	6.0	18.0	34.9	25.9	16.8	21.5	36.4	7.7	**
1994	15.0	29.8	18.6	10.3	13.9	28.0	10.1	7.3	17.9	34.6	26.6	16.4	19.1	31.8	6.6	**
1993	15.6	30.9	19.4	11.2	14.0	28.2	14.3	7.0	20.2	39.0	30.1	19.7	17.0	28.7	6.5	**
1992	16.1	31.6	19.2	11.1	14.7	29.3	14.8	7.4	20.2	38.9	28.3	18.4	17.0	28.2	12.2	**
1991	16.7	32.6	20.9	11.5	15.1	29.8	16.4	7.8	21.8	41.9	30.4	19.0	15.3	25.9	14.5	**
1990	17.0	33.2	20.2	10.2	15.6	30.8	15.8	6.7	21.7	41.6	30.2	17.7	15.6	26.2	10.6	**

*Live births per 1,000 women in age group

**Rates are not calculated when the number of births is less than 10

Davidson County Natality Report, 2003

Table 4. Number and Percent of Women with Live Births Who Smoked During Pregnancy by Race and Age, Davidson County, TN, 1990 - 2003

Year	All Races			White			Black			Other		
	Total	15 - 44	15 - 19	Total	15 - 44	15 - 19	Total	15 - 44	15 - 19	Total	15 - 44	15 - 19
Number												
2003	839	837	118	596	594	84	231	231	32	12	12	2
2002	931	925	137	696	691	108	222	221	25	13	13	4
2001	953	953	156	725	725	118	217	217	36	11	11	2
2000	930	929	130	727	727	114	192	191	14	11	11	2
1999	906	903	152	702	699	128	196	196	23	8	8	1
1998	966	963	168	759	756	143	194	194	21	13	13	4
1997	1,046	1,044	161	828	826	140	206	206	18	12	12	2
1996	1,064	1,064	151	856	856	131	196	196	19	12	12	1
1995	1,133	1,133	178	897	897	160	226	226	18	10	10	0
1994	1,205	1,204	178	967	967	160	232	231	18	6	6	0
1993	1,360	1,359	190	1,057	1,056	164	302	302	26	1	1	0
1992	1,514	1,510	223	1,185	1,181	202	322	322	21	7	7	0
1991	1,645	1,645	247	1,235	1,235	212	403	403	34	7	7	1
1990	1,660	1,659	276	1,253	1,253	227	402	401	47	5	5	2
Percent of Live Births												
2003	9.4	9.4	11.7	10.5	10.5	16.1	8.6	8.6	7.2	2.2	2.2	*
2002	10.6	10.6	13.7	12.4	12.3	20.7	8.5	8.5	5.6	2.4	2.4	*
2001	10.9	10.9	15.0	12.8	12.8	21.8	8.2	8.3	7.8	2.4	2.4	*
2000	10.4	10.4	11.6	12.7	12.7	20.4	6.9	7.0	2.6	2.3	2.3	*
1999	10.6	10.6	13.3	12.7	12.7	21.7	7.5	7.6	4.4	*	*	*
1998	11.4	11.4	13.8	13.6	13.6	23.1	7.6	7.7	3.7	3.7	3.7	*
1997	12.5	12.5	13.9	15.0	15.0	24.8	8.2	8.3	3.2	3.4	3.4	*
1996	12.9	13.0	12.3	15.6	15.6	22.0	8.2	8.3	3.2	3.5	3.5	*
1995	13.8	13.9	15.5	16.5	16.5	28.7	9.0	9.1	3.1	3.6	3.6	*
1994	14.7	14.8	14.7	17.5	17.6	25.7	9.6	9.7	3.1	*	*	*
1993	16.3	16.4	15.2	19.2	19.2	27.5	11.4	11.5	4.1	*	*	*
1992	17.9	18.0	18.5	20.7	20.7	33.2	12.6	12.7	3.6	*	*	*
1991	19.0	19.1	18.9	21.2	21.2	31.4	15.0	15.1	5.6	*	*	*
1990	19.1	19.1	21.6	21.0	21.0	34.0	15.5	15.7	8.0	*	*	*

* Percentage not calculated when the number of births is less than 10

Davidson County Natality Report, 2003

Table 5. Number and Percent of Women with Live Births Who Drank Alcohol During Pregnancy by Race and Age, Davidson County, TN, 1990 - 2003

Year	All Races			White			Black			Other		
	Total	15 - 44	15 - 19	Total	15 - 44	15 - 19	Total	15 - 44	15 - 19	Total	15 - 44	15 - 19
Number												
2003	34	34	1	20	20	0	12	12	1	2	2	0
2002	55	55	0	33	33	0	19	19	0	3	3	0
2001	53	53	1	30	30	1	23	23	0	0	0	0
2000	50	50	3	27	27	2	22	22	1	1	1	0
1999	73	71	5	45	43	4	28	28	1	0	0	0
1998	88	88	9	52	52	6	35	35	3	1	1	0
1997	100	100	5	57	57	4	43	43	1	0	0	0
1996	85	85	4	54	54	1	31	31	3	0	0	0
1995	64	64	2	38	38	2	26	26	0	0	0	0
1994	65	65	2	34	34	1	31	31	1	0	0	0
1993	70	70	4	42	42	2	28	28	2	0	0	0
1992	75	75	5	43	43	1	31	31	4	1	1	0
1991	93	93	6	51	51	4	41	41	2	1	1	0
1990	116	116	15	80	80	12	35	35	3	1	1	0
Percent of Live Births												
2003	0.4	0.4	*	0.4	0.4	*	0.4	0.4	*	*	*	*
2002	0.6	0.6	*	0.6	0.6	*	0.7	0.7	*	*	*	*
2001	0.6	0.6	*	0.5	0.5	*	0.9	0.9	*	*	*	*
2000	0.6	0.6	*	0.5	0.5	*	0.8	0.8	*	*	*	*
1999	0.9	0.8	*	0.8	0.8	*	1.1	1.1	*	*	*	*
1998	1.0	1.0	*	0.9	0.9	*	1.4	1.4	*	*	*	*
1997	1.2	1.2	*	1.0	1.0	*	1.7	1.7	*	*	*	*
1996	1.0	1.0	*	1.0	1.0	*	1.3	1.3	*	*	*	*
1995	0.8	0.8	*	0.7	0.7	*	1.0	1.1	*	*	*	*
1994	0.8	0.8	*	0.6	0.6	*	1.3	1.3	*	*	*	*
1993	0.8	0.8	*	0.8	0.8	*	1.1	1.1	*	*	*	*
1992	0.9	0.9	*	0.8	0.8	*	1.2	1.2	*	*	*	*
1991	1.1	1.1	*	0.9	0.9	*	1.5	1.5	*	*	*	*
1990	1.3	1.3	1.2	1.3	1.3	1.8	1.4	1.4	*	*	*	*

* Percentage not calculated when the number of births is less than 10

Davidson County Natality Report, 2003

Table 6a. Number and Percent of Women with Live Births Who Entered Prenatal Care During the First Trimester by Race and Age, Davidson County, TN, 1990 - 2003

Year	All Races						White					
	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19
Number												
2003	7,698	7,682	774	238	7	767	5,028	5,019	413	108	2	411
2002	7,411	7,382	734	224	13	721	4,875	4,858	383	102	5	378
2001	7,410	7,392	794	239	7	787	4,926	4,915	428	122	2	426
2000	7,576	7,551	854	305	15	839	4,932	4,917	419	126	7	412
1999	7,391	7,363	961	319	22	939	4,909	4,896	490	147	8	482
1998	7,515	7,484	991	361	20	971	5,067	5,052	506	169	7	499
1997	7,397	7,375	926	372	14	912	4,984	4,976	445	150	3	442
1996	7,301	7,255	1,005	394	36	969	5,031	4,997	477	221	10	467
1995	7,249	7,219	901	351	25	876	4,938	4,932	439	210	2	437
1994	7,092	7,055	938	375	28	910	4,978	4,966	500	194	5	495
1993	7,230	7,209	946	384	19	927	5,008	5,001	470	224	5	465
1992	7,140	7,115	882	367	23	859	5,120	5,114	490	191	5	485
1991	7,170	7,149	871	328	20	851	5,121	5,116	483	162	4	479
1990	7,221	7,202	842	292	16	826	5,218	5,215	452	158	1	451
Percent of Live Births*												
2003	86.5	86.6	75.9	71.5	*	76.2	88.7	88.8	78.2	72.5	*	78.7
2002	84.4	84.4	71.9	68.1	68.4	72.0	86.7	86.7	72.4	64.6	*	72.3
2001	84.5	84.6	74.8	68.1	*	75.5	86.8	86.8	78.4	71.3	*	78.6
2000	84.4	84.4	74.5	70.3	62.5	74.7	86.1	86.1	74.0	68.5	*	73.7
1999	86.7	86.8	81.8	74.5	71.0	82.1	88.9	89.0	81.5	75.0	*	81.7
1998	88.4	88.5	79.3	74.1	55.6	80.0	90.5	90.6	79.9	75.8	*	80.5
1997	88.5	88.5	78.4	77.7	73.7	78.5	90.4	90.4	78.3	75.4	*	78.4
1996	88.6	88.6	78.8	74.6	73.5	79.0	91.5	91.2	78.5	101.4	83.3	78.4
1995	88.2	88.3	75.9	70.9	65.8	76.2	90.8	90.9	78.0	109.9	*	78.5
1994	86.8	86.9	74.9	72.1	63.6	75.3	90.2	90.3	79.1	84.0	*	79.5
1993	86.8	86.9	73.8	69.3	54.3	74.4	91.0	91.0	77.9	101.8	*	78.0
1992	84.6	84.8	70.8	68.5	54.8	71.4	89.6	89.7	79.2	83.0	*	79.6
1991	82.9	83.0	65.1	60.1	62.5	65.2	88.0	88.0	70.6	67.5	*	70.9
1990	82.9	83.1	64.4	59.5	48.5	64.8	87.5	87.6	67.3	75.2	*	67.6

Davidson County Natality Report, 2003

Table 6b. Number and Percent of Women with Live Births Who Entered Prenatal Care During the First Trimester by Race and Age, Davidson County, TN, 1990 - 2002

Year	Black						Other					
	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19
Number												
2002	2,124	2,113	336	120	8	328	410	409	15	2	0	15
2001	2,137	2,131	343	113	5	338	347	346	23	4	0	23
2000	2,271	2,261	418	173	8	410	373	373	17	6	0	17
1999	2,175	2,160	451	165	14	437	307	307	20	7	0	20
1998	2,158	2,142	473	189	13	460	290	290	12	3	0	12
1997	2,114	2,101	456	207	11	445	299	298	25	15	0	25
1996	2,004	1,977	505	221	25	480	284	281	23	13	1	22
1995	2,081	2,058	451	210	23	428	230	229	11	6	0	11
1994	1,926	1,902	432	194	23	409	188	187	6	2	0	6
1993	2,066	2,052	469	224	14	455	156	156	7	1	0	7
1992	1,892	1,876	386	191	16	370	128	125	6	3	2	4
1991	1,944	1,928	374	162	16	358	105	105	14	2	0	14
1990	1,880	1,864	384	158	15	369	123	123	6	3	0	6
Percent of Live Births*												
2002	80.9	81.1	72.7	72.7	*	73.1	77.1	77.0	50.0	*	*	50.0
2001	81.0	81.2	71.9	66.5	*	72.8	76.1	76.2	60.5	*	*	62.2
2000	82.1	82.3	75.7	72.7	*	76.6	76.6	76.6	58.6	*	*	58.6
1999	83.6	83.7	82.4	74.7	70.0	82.9	76.4	76.6	74.1	*	*	74.1
1998	84.6	84.8	79.5	73.8	56.5	80.4	82.2	82.2	57.1	*	*	57.1
1997	84.7	84.7	78.6	78.7	73.3	78.8	85.7	85.6	75.8	88.2	*	75.8
1996	83.5	83.7	79.7	75.7	71.4	80.1	82.3	82.4	69.7	72.2	*	71.0
1995	83.1	83.2	74.1	70.7	71.9	74.2	83.6	83.6	73.3	*	*	73.3
1994	79.3	79.5	70.9	68.1	65.7	71.3	83.9	84.6	*	*	*	*
1993	78.0	78.3	70.3	67.5	50.0	71.2	86.2	86.2	*	*	*	*
1992	73.9	74.2	63.6	63.7	53.3	64.1	77.6	77.6	*	*	*	*
1991	72.4	72.4	59.2	54.0	66.7	58.9	76.1	76.1	66.7	*	*	66.7
1990	72.5	72.8	62.0	58.1	53.6	62.4	80.9	80.9	*	*	*	*

*Percentage not calculated when number of births is less than 10

Davidson County Natality Report, 2003

Table 7a. Number and Percent of Women with Live Births Who Received No Prenatal Care or Entered Care During the Third Trimester by Race and Age, Davidson County, TN, 1990 - 2003

Year	All Races						White					
	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19
Number												
2003	286	282	55	27	2	53	139	136	27	11	1	26
2002	233	231	51	23	2	49	125	125	31	13	0	31
2001	253	250	43	18	3	40	121	121	17	5	0	17
2000	346	343	77	34	3	74	172	172	28	11	0	28
1999	236	231	66	33	5	61	109	107	25	12	2	23
1998	269	266	43	20	2	41	123	121	28	12	2	26
1997	246	246	58	32	0	58	113	113	27	16	0	27
1996	244	243	63	34	1	62	103	103	23	9	0	23
1995	231	228	77	44	3	74	97	95	30	15	2	28
1994	251	247	74	33	4	70	120	119	33	11	1	32
1993	201	198	50	21	3	47	79	79	16	6	0	16
1992	271	267	78	29	4	74	126	125	34	13	1	33
1991	305	299	88	46	6	82	129	126	41	18	3	38
1990	301	295	96	46	6	90	144	143	43	17	1	42
Percent of Live Births*												
2003	3.2	3.2	5.4	8.1	*	5.3	2.5	2.4	5.1	7.4	*	5.0
2002	2.7	2.6	5.0	7.0	*	4.9	2.2	2.2	5.9	8.2	*	5.9
2001	2.9	2.9	4.1	5.1	*	3.8	2.1	2.1	3.1	*	*	3.1
2000	3.9	3.8	6.7	7.8	*	6.6	3.0	3.0	4.9	6.0	*	5.0
1999	2.8	2.7	5.6	7.7	*	5.3	2.0	1.9	4.2	6.1	*	3.9
1998	3.2	3.1	3.4	4.1	*	3.4	2.2	2.2	4.4	5.4	*	4.2
1997	2.9	3.0	4.9	6.7	*	5.0	2.0	2.1	4.8	8.0	*	4.8
1996	3.0	3.0	4.9	6.4	*	5.1	1.9	1.9	3.8	*	*	3.9
1995	2.8	2.8	6.5	8.9	*	6.4	1.8	1.8	5.3	7.9	*	5.0
1994	3.1	3.0	5.9	6.3	*	5.8	2.2	2.2	5.2	4.8	*	5.1
1993	2.4	2.4	3.9	3.8	*	3.8	1.4	1.4	2.7	*	*	2.7
1992	3.2	3.2	6.3	5.4	*	6.2	2.2	2.2	5.5	5.7	*	5.4
1991	3.5	3.5	6.6	8.4	*	6.3	2.2	2.2	6.0	7.5	*	5.6
1990	3.5	3.4	7.3	9.4	*	7.1	2.4	2.4	6.4	8.1	*	6.3

Davidson County Natality Report, 2003

Table 7b. Number and Percent of Women with Live Births Who Received No Prenatal Care or Entered Care During the Third Trimester by Race and Age, Davidson County, TN, 1990 - 2003

Year	Black						Other					
	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19
Number												
2003												
2002	90	88	19	10	2	17	18	18	1	0	0	1
2001	114	112	22	10	2	20	18	17	4	3	1	3
2000	151	148	44	20	3	41	23	23	5	3	0	5
1999	114	111	38	19	3	35	13	13	3	2	0	3
1998	130	129	11	6	0	11	16	16	4	2	0	4
1997	122	122	30	16	0	30	11	11	1	0	0	1
1996	124	124	35	21	0	35	17	16	5	4	1	4
1995	125	124	47	29	1	46	9	9	0	0	0	0
1994	126	123	39	22	3	36	5	5	2	0	0	2
1993	113	110	34	15	3	31	9	9	0	0	0	0
1992	141	138	43	16	3	40	4	4	1	0	0	1
1991	170	167	47	26	3	44	6	6	0	0	0	0
1990	150	145	49	27	5	44	7	7	4	2	0	4
Percent of Live Births*												
2003												
2002	3.4	3.4	4.1	6.1	*	3.8	3.4	3.4	*	*	*	*
2001	4.3	4.3	4.6	5.9	*	4.3	3.9	3.7	*	*	*	*
2000	5.5	5.4	8.0	8.4	*	7.7	4.7	4.7	*	*	*	*
1999	4.4	4.3	6.9	8.6	*	6.6	3.2	3.2	*	*	*	*
1998	5.1	5.1	1.8	*	*	1.9	4.5	4.5	*	*	*	*
1997	4.9	4.9	5.2	6.1	*	5.3	3.2	3.2	*	*	*	*
1996	5.2	5.2	5.5	7.2	*	5.8	4.9	4.7	*	*	*	*
1995	5.0	5.0	7.7	9.8	*	8.0	*	*	*	*	*	*
1994	5.2	5.1	6.4	7.7	*	6.3	*	*	*	*	*	*
1993	4.3	4.2	5.1	4.5	*	4.9	*	*	*	*	*	*
1992	5.5	5.5	7.1	5.3	*	6.9	*	*	*	*	*	*
1991	6.3	6.3	7.4	8.7	*	7.2	*	*	*	*	*	*
1990	5.8	5.7	7.9	9.9	*	7.4	*	*	*	*	*	*

*Percentage not calculated when number of births is less than 10

Davidson County Natality Report, 2003

Table 8a. Number and Percent of Low Birthweight* Live Births by Race and Age, Davidson County, TN, 1990 - 2003

Year	All Races					White				
	Total	15 - 44	10 - 19	10 - 17	15 - 19	Total	15 - 44	10 - 19	10 - 17	15 - 19
Number										
2003	845	838	108	39	105	426	423	44	12	44
2002	799	793	105	28	102	393	390	41	8	40
2001	806	796	117	40	112	426	421	52	18	51
2000	821	811	129	50	125	388	384	27	16	57
1999	821	815	133	53	128	432	430	61	26	59
1998	830	821	170	69	162	409	408	67	22	66
1997	798	791	151	61	147	403	403	67	26	67
1996	765	759	144	64	138	400	399	54	23	53
1995	762	758	111	59	107	388	388	37	19	37
1994	793	780	158	79	148	427	423	74	35	72
1993	787	784	144	68	141	387	387	57	21	57
1992	752	745	139	72	132	379	376	64	34	61
1991	764	758	125	60	119	373	372	50	22	49
1990	787	783	164	54	161	410	410	63	10	63
Percent of Live Births**										
2003	9.5	9.4	10.6	11.7	10.4	7.5	7.5	8.3	8.1	8.4
2002	9.1	9.1	10.3	8.5	10.2	7.0	7.0	7.8	**	7.6
2001	9.2	9.1	11.0	11.4	10.7	7.5	7.4	9.5	10.5	9.4
2000	9.1	9.1	11.2	11.5	11.1	6.8	6.7	10.1	8.7	10.2
1999	9.6	9.6	11.3	12.4	11.2	7.8	7.8	10.1	13.3	10.0
1998	9.8	9.7	13.6	14.2	13.4	7.3	7.3	10.6	9.9	10.6
1997	9.5	9.5	12.8	12.7	12.7	7.3	7.3	11.8	13.1	11.9
1996	9.3	9.3	11.3	12.1	11.3	7.3	7.3	8.6	10.6	8.9
1995	9.3	9.3	9.4	11.9	9.3	7.1	7.1	6.6	9.9	6.6
1994	9.7	9.6	12.6	15.2	12.2	7.7	7.7	11.7	15.2	11.6
1993	9.4	9.5	11.2	12.3	11.3	7.0	7.0	9.5	9.5	9.6
1992	8.9	8.9	11.2	13.4	11.0	6.6	6.6	8.9	14.8	10.0
1991	8.8	8.8	9.3	11.0	9.1	6.4	6.4	7.3	9.2	7.2
1990	9.0	9.0	12.5	11.0	12.6	6.9	6.9	9.0	4.8	9.4

Davidson County Natality Report, 2003

Table 8b. Number and Percent of Low Birthweight* Live Births by Race and Age,
Davidson County, TN, 1990 - 2003

Year	Black					Other				
	Total	15 - 44	10 - 19	10 - 17	15 - 19	Total	15 - 44	10 - 19	10 - 17	15 - 19
Number										
2003										
2002	359	356	62	19	60	47	47	2	1	2
2001	345	340	62	21	58	35	35	3	1	3
2000	397	391	70	32	66	36	36	2	2	2
1999	359	355	72	27	69	30	30	0	0	0
1998	388	380	101	47	94	33	33	2	0	2
1997	371	365	82	34	78	24	23	2	1	2
1996	327	323	88	40	84	38	37	2	1	1
1995	348	344	41	39	37	26	26	1	1	1
1994	350	341	80	43	72	16	16	3	1	3
1993	386	383	60	47	57	14	14	0	0	0
1992	358	354	65	38	61	15	15	2	0	2
1991	381	376	54	38	49	10	10	0	0	0
1990	358	354	66	44	63	19	19	3	1	3
Percent of Live Births**										
2003										
2002	13.7	13.7	13.4	11.5	13.4	8.8	8.9	**	**	**
2001	13.1	13.0	13.0	12.4	12.5	7.7	7.7	**	**	**
2000	14.3	14.2	12.7	13.4	12.3	7.4	7.4	**	**	**
1999	13.8	13.8	13.2	12.2	13.1	7.5	7.5	**	**	**
1998	15.2	15.0	17.0	18.4	16.4	9.3	9.3	**	**	**
1997	14.9	14.7	14.1	12.9	13.8	6.9	6.6	**	**	**
1996	13.6	13.7	13.9	13.7	14.0	11.0	10.9	**	**	**
1995	13.9	13.9	6.7	13.1	6.4	9.5	9.5	**	**	**
1994	14.4	14.2	13.1	15.1	12.5	7.1	7.2	**	**	**
1993	14.6	14.6	9.0	14.2	8.9	7.7	7.7	**	**	**
1992	14.0	14.0	10.7	12.7	10.6	9.1	9.3	**	**	**
1991	14.2	14.1	8.5	12.7	8.1	7.2	7.2	**	**	**
1990	13.8	13.8	10.7	16.2	10.7	12.5	12.5	**	**	**

*Less than 2,500 grams

**Percentage not calculated when the number of births is less than 10

Davidson County Natality Report, 2003

Table 9a. Number and Percent of Women with Preterm* Live Births by Race and Age, Davidson County, TN, 1990 - 2003

Year	All Races						White					
	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19
Number												
2003	1,001	994	114	39	4	110	569	565	54	18	2	52
2002	846	838	93	31	3	90	484	480	38	9	1	37
2001	1,059	1,048	128	45	6	122	609	604	63	23	1	62
2000	1,054	1,046	149	61	4	145	549	544	55	20	1	54
1999	1,076	1,067	159	66	9	150	606	604	67	26	2	65
1998	951	943	161	68	8	153	516	516	63	20	0	63
1997	985	977	168	72	5	163	573	571	67	29	0	67
1996	927	918	155	70	8	147	537	535	63	26	1	62
1995	865	859	125	62	7	118	501	501	43	19	0	43
1994	870	862	158	70	6	152	518	515	77	32	1	76
1993	927	922	157	69	4	153	522	521	63	20	0	63
1992	854	848	158	76	6	152	496	492	77	33	4	73
1991	871	863	134	68	8	126	476	475	59	28	1	58
1990	1,156	1,153	176	59	3	173	759	759	77	17	0	77
Percent of Live Births**												
2003	11.2	11.2	11.2	11.7	*	10.9	10.0	10.0	10.2	12.1	*	10.0
2002	9.6	9.6	9.1	9.4	**	9.0	8.6	8.6	7.2	**	**	7.1
2001	12.1	12.0	12.1	12.8	**	11.7	10.7	10.7	11.5	13.5	**	11.4
2000	11.7	11.7	13.0	14.1	**	12.9	9.6	9.5	9.7	10.9	**	9.7
1999	12.6	12.6	13.5	15.4	**	13.1	11.0	11.0	11.1	13.3	**	11.0
1998	11.2	11.2	13.1	14.3	**	12.8	9.2	9.3	10.1	9.1	**	10.3
1997	11.8	11.7	14.3	15.2	**	14.1	10.4	10.4	11.9	14.8	**	12.0
1996	11.2	11.2	12.3	13.4	**	12.1	9.8	9.8	10.5	12.1	**	10.5
1995	10.5	10.5	10.9	13.1	**	10.6	9.2	9.2	7.9	10.4	**	8.0
1994	10.6	10.6	12.8	13.6	**	12.8	9.4	9.4	12.5	14.0	**	12.5
1993	11.1	11.1	12.6	12.7	**	12.6	9.5	9.5	10.8	9.4	**	10.9
1992	10.1	10.1	13.1	14.6	**	13.1	8.7	8.6	13.2	15.1	**	12.7
1991	10.1	10.0	10.4	12.9	**	10.0	8.2	8.2	9.1	12.5	**	9.0
1990	13.3	13.3	13.6	12.1	**	13.7	12.7	12.7	11.6	8.2	**	11.7

*Born prior to 37 complete weeks of gestation

**Percentage not calculated when number of births is less than 10

Davidson County Natality Report, 2003

Table 9b. Number and Percent of Women of Preterm* Live Births by Race and Age, Davidson County, TN, 1990 - 2003

Year	Black						Other					
	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19	Total	15 - 44	10 - 19	10 - 17	10 - 14	15 - 19
Number												
2003	387	384	56	19	2	54	45	45	4	2	0	4
2002	320	317	54	22	2	52	42	41	1	0	0	1
2001	405	400	60	20	4	56	45	44	5	2	1	4
2000	465	462	92	40	3	89	40	40	2	1	0	2
1999	429	422	89	39	7	82	41	41	3	1	0	3
1998	399	391	97	48	8	89	36	36	1	0	0	1
1997	384	378	100	43	5	95	28	28	1	0	0	1
1996	347	341	88	41	6	82	43	42	4	3	1	3
1995	340	334	81	43	7	74	24	24	1	0	0	1
1994	335	330	78	36	5	73	17	17	3	2	0	3
1993	395	391	93	49	4	89	10	10	1	0	0	1
1992	336	334	78	42	2	76	22	22	3	1	0	3
1991	386	379	74	39	7	67	9	9	1	1	0	1
1990	370	367	97	41	3	94	27	27	2	1	0	2
Percent of Live Births*												
2003	14.4	14.3	12.3	10.9	*	12.1	8.3	8.3	*	*	*	*
2002	12.2	12.2	11.7	13.3	**	11.6	7.9	7.7	**	**	**	**
2001	15.3	15.2	12.6	11.8	**	12.1	9.9	9.7	**	**	**	**
2000	16.8	16.8	16.7	16.8	**	16.6	8.2	8.2	**	**	**	**
1999	16.5	16.4	16.3	17.6	**	15.6	10.2	10.2	**	**	**	**
1998	15.6	15.5	16.6	19.3	**	15.9	10.2	10.2	**	**	**	**
1997	15.4	15.2	17.3	16.5	**	16.9	8.0	8.0	**	**	**	**
1996	14.5	14.4	14.0	14.1	**	13.8	12.5	12.3	**	**	**	**
1995	13.6	13.5	13.8	15.1	**	13.2	8.7	8.8	**	**	**	**
1994	13.8	13.8	13.0	12.7	**	12.9	7.6	7.7	**	**	**	**
1993	14.9	14.9	14.2	15.0	**	14.1	5.5	5.5	**	**	**	**
1992	13.1	13.2	13.0	14.0	**	13.3	13.3	13.7	**	**	**	**
1991	14.4	14.2	11.9	13.1	**	11.2	**	**	**	**	**	**
1990	14.3	14.3	15.7	15.1	**	16.0	17.8	17.8	**	**	**	**

*Born prior to 37 complete weeks of gestation

**Percentage not calculated when number of births is less than 10