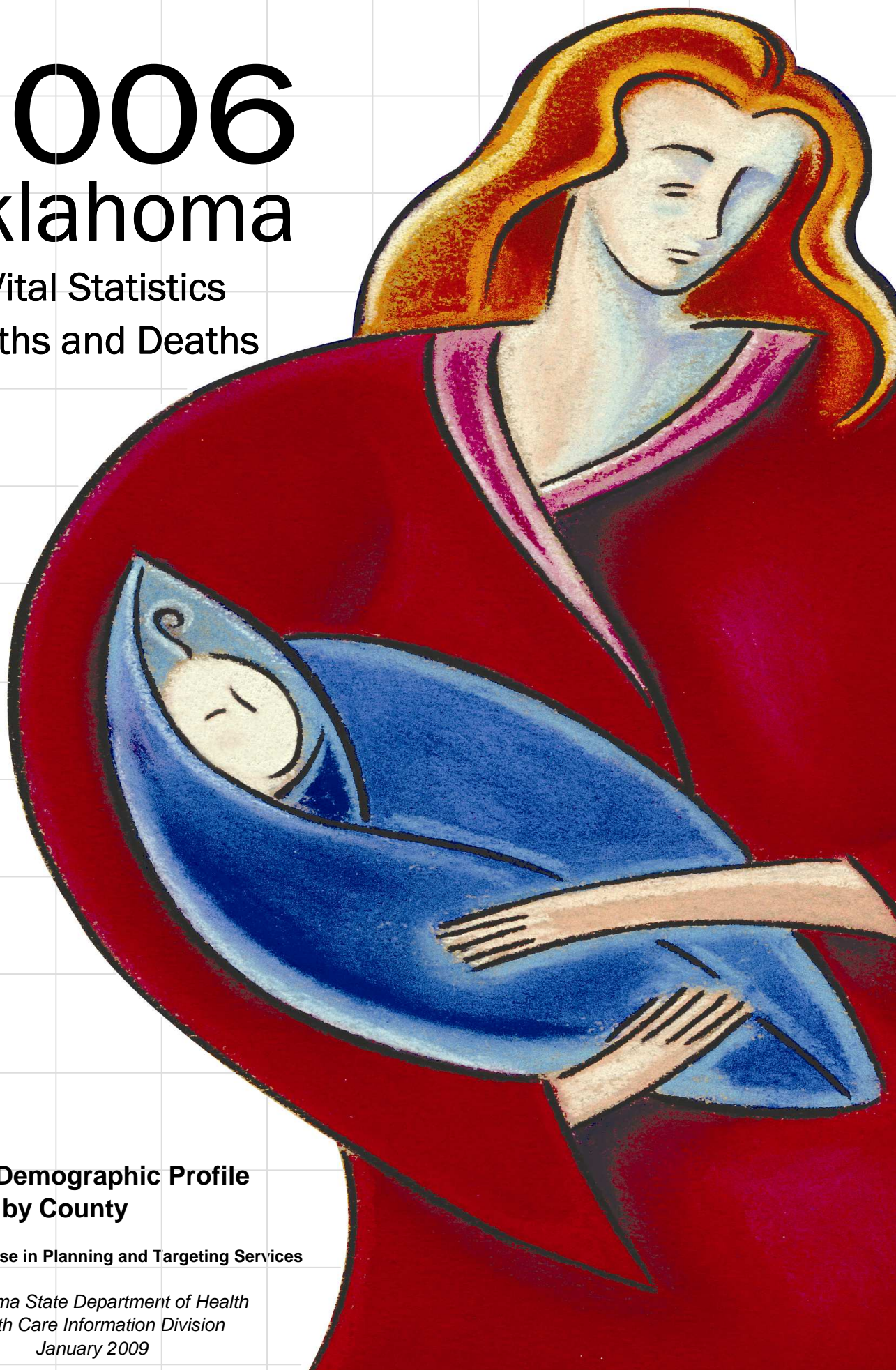


2006 Oklahoma

Vital Statistics
Births and Deaths



**Selected Demographic Profile
by County**

Prepared for Use in Planning and Targeting Services

*Oklahoma State Department of Health
Health Care Information Division
January 2009*

Selected Demographic Information Birth and Death Certificates The State of Oklahoma, 2006

Prepared for use in planning and targeting of Maternal and Infant Health,
and Child Health and Guidance Services.

James M. Crutcher, M.D., M.P.H.

Secretary of Health and Commissioner of Health

Kelly Baker, M.P.H., Director

Center for Health Statistics

Derek Pate, M.P.H., Quality Assurance Coordinator

Health Care Information

Statistical Analysis

Paul Patrick, M.P.H., Jennifer Han, Ph.D.

Record Coding

Patricia Royal, Diana Pine, Rhonda Keiffer, Charlene Pherigo, Terri Hale
Bonnie Bradley, Joyce Sewell, Jennifer Wilson, Rebecca Ipock, Shelly Chambers

Facility Education

Mikeal Murray, Paula Adams, Jan Bohanon

Record Processing

Lily Liu, Jeffrey Carlisle, Mike Holdsclaw, Stephanie Tomlinson, Michelle Williams

Vital Records

Sue Bordeaux, Carol Shockley, Christi Duren, Lucinda Adair, John Parker, Michael Rhodes, Mary Andrade, Michelle Bobelu,
Windifred Canada, Ron Carter, Rod Christy, Jeannie Clark, Stephanie Cook, Christi Duren, Marshall Harris, Terry Hatley, Lauri Howard,
Terry Johnson, Darla Kinslow, Donna Kline, Mark Mason, Laura McQuerry, Kim Methe, Rickard Montgomery, Sara Myers-Antiaye,
Michelle Richards, Marian Ringler, Shirley Stamps, Betty Thomas, Mike Todd, Musu Tolbert, Mary Van Winkle, Judith Vicks, Wendell White

Web Query and Analysis

Imad Mrani

Oklahoma State Department of Health

1000 N.E. 10th Street

Oklahoma City, OK 73117

www.health.ok.gov

Health Care Information Division

(405) 271-6225

[e-mail: chsadmin@health.ok.gov](mailto:chsadmin@health.ok.gov)

For an electronic copy of this report

http://www.ok.gov/health/Data_and_Statistics/Center_For_Health_Statistics/Health_Care_Information/Reports

Web Query- OK2Share (Oklahoma Statistics on Health Available foR Everyone)

<http://www.health.ok.gov/ok2share>

Forward

The information contained in this publication has been prepared as reference data, which may be used in planning of health programs. The information presented here is taken from birth, death, and fetal death certificates. Population estimates were obtained from the U.S. Bureau of the Census and the National Center for Health Statistics.

Philosophical considerations are made to the concept of providing commonly used data and giving a survey of the types of data available. Should more detailed information be required in some area, this office may be able to supply that on request. In regard to a break in the annual consistency of some tables, this office has consistent trend data on many factors related to births from 1975 through 2006 and deaths from 1980 through 2006.

Previous reports in this series have focused on births and the associated maternal and child health issues. Beginning in 2002, this report was expanded to include a comprehensive review of deaths in Oklahoma. In addition to providing information related to deaths by county, many tables focus on leading causes of death by age, race and gender as well as providing years of potential life lost.

In Vital Records, we recognize the need to provide researchers, as well as the general public, rapid access to the information contained in these databases for the purpose of community planning. Communities have an increased desire to identify disparate subgroups of individuals at increased risk for poor outcomes because of age, race, ethnicity, region or other demographic characteristics. To accommodate this, a new web site was launched in 2002. The Oklahoma Vital Records Data Query system was developed to promote instantaneous access to aggregated birth and death data for the purpose of promoting information-driven decision making. To that end, the web-site has been named **OK 2 SHARE (OKlahoma Statistics on Health Available foR Everyone)**.
<http://www.ok.gov/health/pub/wrapper/ok2share.html>

This user-friendly data query system will allow public health practitioners and researchers, as well as the general public, the ability to create customized tables without delay. Vital Records data can now easily be broken down by various demographics, including age, gender, county, etc. Birth data from 1975 and death data from 1980 are available for analysis. Data elements include:

Births : mother's age, mother's race and Hispanic origin, mother's education level, trimester prenatal care began, number of previous live births, plurality, and birth weight. Crude birth rates and fertility rates are available.

Deaths : age, race, Hispanic origin, gender, cause of death (std and rankable), ICD9 (1980-1998; ICD10 (1999+)). Crude rates, age-adjusted to either state or national standards and years of potential life lost (YPLL) are also available.

In 2001, an intensive campaign was done to educate medical staff on the filing process and to raise awareness related to item non-response. New editing protocols were also put in place to monitor reporting. Additionally, Oklahoma became the 47th state to implement the new Electronic Birth Certificate (EBC) system. Those facilities that are not yet using the new system have continued to submit the information using the traditional paper format and they are entered into the system once they arrive at the state health department.

A new death certificate format was implemented in 2004 to incorporate new items from the national model. These include but are not limited to multiple race classification, expanded level of education, armed forces service, expanded place of death, maternal morbidity, and contribution of tobacco to death.

The Vital Records Division is partnering with the Centers for Disease Control and Prevention (CDC) and the Social Security Administration to develop a web-based data submission system to not only upgrade the existing electronic birth submission system but to implement a new web-based death submission system. When this occurs, the birth certificate will be updated to the national model. Changes to the birth certificate will include but not be limited to multiple race, use of WIC during pregnancy, principal source of payment for delivery and an expansion risk factors.

The birth certificate lists only the reported race of each parent. Until 1989, the National Center for Health Statistics (NCHS), the federal agency in charge of all Vital Records, used a complex algorithm to determine the race of the infant. Generally speaking, this formula identified the race of the infant as the race of the darker parent. In 1989, both classifications were reported. Since then, national comparisons with race can be made only using that of the mother. In this office, we have data using both classifications back to 1975.

For the 2000 decennial census, the U.S. Census Bureau collected race and ethnicity data in accordance with national standards. However, the Oklahoma Vital Statistics System, will not be fully compliant with the new standards until the birth certificate is revised to reflect the new standards. Thus, beginning with the 2000 data year, the numerators (births or deaths) are incompatible with the denominators (populations). To provide uniformity and comparability of the data during the transition period before multiple-race data are available for all reporting areas, it is necessary to bridge the multiple race population estimates to a single-race category. Multiple-race is imputed to a single race (one of the following: AIAN, API, black, or white) according to a combination of county level and person level demographic characteristics. In 2004 Oklahoma mortality data were also bridged by NCHS in a similar manner for respondents who reported more than one race to provide uniformity in the way race is reported until all Vital Events collected by the Oklahoma Vital Statistics System report multiple-race.

The American Indian population does not reside within reservation boundaries in Oklahoma, and is, therefore, more heterogeneously distributed throughout the population of the state. As a result the standard way of classifying race does not reliably document the American Indian births and infant deaths. Special attention should be given to the data when studying information related to race.

When calculating percentages, unknown values are subtracted from the total number of births. Therefore, the percentages are based solely on reported values.

Other types of data and more detailed information from Vital Statistics may be requested by contacting Health Care Information, Oklahoma State Department of Health at (405) 271-6225.

List of Tables

Definitions	Page i
Formulas	Page ii
Table 1. Number of births by race and Hispanic origin of mother, crude birth rates, and population estimates: Oklahoma and each County, 2006	Page 1
Table 2. Percent of births by race and Hispanic origin of mother and percent of state for each county: Oklahoma, 2006	Page 3
Table 3. Number of births by age of mother: Oklahoma and each County, 2006	Page 5
Table 4. Age-specific birth rates by age of mother: Oklahoma and each County, average 2004-2006	Page 7
Table 5. Births to women less than 20 years of age by race of mother, and percent of teen births by first trimester prenatal care, previous births, marital status, and total births to teens: Oklahoma and each County, 2006	Page 9
Table 6. Number and percent of births by low birthweight, marital status, and low educational attainment of mother: Oklahoma and each County, 2006	Page 11
Table 7. Risk factors for infants: Birth interval and parity Oklahoma and each County, 2006	Page 13
Table 8. Number and percent of births by first trimester and adequacy of prenatal care: Oklahoma and each County, 2006	Page 15
Table 9. Number of births by selected health indicators: Oklahoma and each County, 2002-2006	Page 17
Table 10. Percent of births by selected health indicators: Oklahoma and each County, 2002-2006	Page 19
Table 11. County rankings for selected health indicators: Oklahoma, 2002-2006	Page 21
Table 12. Number of births by age of mother: Oklahoma and selected cities, 2006	Page 23
Table 13. Number of births by race and Hispanic origin of mother: Oklahoma and selected cities, 2006	Page 26
Table 14. Risk factors and other data from birth certificate check boxes: Oklahoma, 2006	Page 29
Table 15. Number and percent of births by age of mother and selected characteristics: Oklahoma, 2006	Page 30
Table 16. Number and percent of births by race of mother and selected characteristics: Oklahoma, 2006	Page 32
Table 17. Number and percent of births by birthweight and selected characteristics: Oklahoma, 2006	Page 34
Table 18. Number and percent of births to teens by age group and selected characteristics: Oklahoma, 2006	Page 36
Table 19. Percent of births by short-birth interval, high parity, number of teen births, percent of births to teens, and teen fertility rate aged 15-19: Oklahoma, 1975-2006	Page 38
Table 20. Number of teen births and age-specific birth rates by age and race of mother: Oklahoma, 1975-2006	Page 39
Table 21. Percent of births by race, low birthweight, low educational attainment, and marital status: Oklahoma, 1975-2006	Page 40

List of Tables

Table 22. Percent of births by first trimester and adequacy of prenatal care: Oklahoma, 1975-2006	Page 43
Table 23. Crude birth rates, birth rates for teens aged 15-19, fertility rates, and percent of births to women less than 20 years of age, by race of mother and low birthweight: United State, 1975-2006	Page 47
Table 24. Percent of births by first trimester prenatal care, low educational attainment, marital status, gestational age, short-birth interval, and infant mortality rate: United States, 1975-2006	Page 48
Table 25. Number and crude rate of births and deaths: Oklahoma, 1975-2006	Page 50
Table 26. 20 Leading Rankable Causes of Death: Oklahoma, 2006	Page 51
Table 27. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65: Oklahoma, 2006	Page 51
Table 28. Number of resident deaths, crude and age-adjusted mortality rates by cause of death: Oklahoma, 2006	Page 52
Table 29. 20 Leading Rankable Causes of Death among Males: Oklahoma, 2006	Page 55
Table 30. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Males: Oklahoma, 2006	Page 55
Table 31. 20 Leading Rankable Causes of Death among Females: Oklahoma, 2006	Page 56
Table 32. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Females: Oklahoma, 2006	Page 56
Table 33. Number and percent of deaths, crude and age-adjusted mortality rates of deaths by gender: Oklahoma and each County, 2006	Page 57
Table 34. 20 Leading Rankable Causes of Death among Whites: Oklahoma, 2002-2006	Page 59
Table 35. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Whites: Oklahoma, 2002-2006	Page 59
Table 36. 20 Leading Rankable Causes of Death among African Americans: Oklahoma, 2002-2006	Page 60
Table 37. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among African Americans: Oklahoma, 2002-2006	Page 60
Table 38. 20 Leading Rankable Causes of Death among American Indians: Oklahoma, 2002-2006	Page 61
Table 39. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among American Indians: Oklahoma, 2002-2006	Page 61
Table 40. 20 Leading Rankable Causes of Death among Asian Pacific Islanders: Oklahoma, 2002-2006	Page 62
Table 41. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Asian/Pacific Islanders: Oklahoma, 2002-2006	Page 62
Table 42. Number of deaths by the race of the decedent: Oklahoma and each County, 2006	Page 63
Table 43. 10 Leading Rankable Causes of Death among Infants (< 1 year of age): Oklahoma, 2002-2006	Page 65
Table 44. 10 Leading Rankable Causes of Death among residents age 1-4: Oklahoma, 2002-2006	Page 65
Table 45. 10 Leading Rankable Causes of Death among residents age 5-9: Oklahoma, 2002-2006	Page 65
Table 46. 10 Leading Rankable Causes of Death among Residents age 10-14: Oklahoma, 2002-2006	Page 66
Table 47. 10 Leading Rankable Causes of Residents among Children age 15-17: Oklahoma, 2002-2006	Page 66
Table 48. 10 Leading Rankable Causes of Death among Residents age 18-19: Oklahoma, 2002-2006	Page 66
Table 49. 10 Leading Rankable Causes of Death among residents age 20-24: Oklahoma, 2002-2006	Page 67

List of Tables

Table 50. 10 Leading Rankable Causes of Death among residents age 25-29: Oklahoma, 2002-2006	Page 67
Table 51. 10 Leading Rankable Causes of Death among Residents age 30-34: Oklahoma, 2002-2006	Page 67
Table 52. 10 Leading Rankable Causes of Death among residents age 35-39: Oklahoma, 2002-2006	Page 68
Table 53. 10 Leading Rankable Causes of Death among residents age 40-44: Oklahoma, 2002-2006	Page 68
Table 54. 10 Leading Rankable Causes of Death among Residents age 45-49: Oklahoma, 2002-2006	Page 68
Table 55. 10 Leading Rankable Causes of Death among residents age 50-54: Oklahoma, 2002-2006	Page 69
Table 56. 10 Leading Rankable Causes of Death among residents age 55-59: Oklahoma, 2002-2006	Page 69
Table 57. 10 Leading Rankable Causes of Death among Residents age 60-64: Oklahoma, 2002-2006	Page 69
Table 58. 10 Leading Rankable Causes of Death among residents age 65-69: Oklahoma, 2002-2006	Page 70
Table 59. 10 Leading Rankable Causes of Death among residents age 70-74: Oklahoma, 2002-2006	Page 70
Table 60. 10 Leading Rankable Causes of Death among Residents age 75-79: Oklahoma, 2002-2006	Page 70
Table 61. 10 Leading Rankable Causes of Death among residents age 80-84: Oklahoma, 2002-2006	Page 71
Table 62. 10 Leading Rankable Causes of Death among residents age 85+: Oklahoma, 2002-2006	Page 71
Table 63. Number of deaths by the age of the decedent: Oklahoma and each County, 2006	Page 72
Table 64. Number of infant deaths by cause of death: Oklahoma, 2006	Page 74
Table 65. Infant, neonatal, post-neonatal, fetal, and perinatal mortality: Oklahoma and each County, 2002-2006	Page 76
Table 66. Race-specific infant deaths and infant mortality rates: Oklahoma, 1975-2006	Page 79
Table 67. Number of child deaths by cause of death and age of decedent: Oklahoma, 2006	Page 80
Table 68. Number of child deaths by age of child and county of residence: Oklahoma, 2006	Page 82
Table 69. Number of child deaths by age and sex of child and county of residence: Oklahoma, 2006	Page 84
Table 70. Number of deaths to children ages 0 to 19 by race of decedent and county of residence: Oklahoma, 2006	Page 86
Table 71. Total and accidental deaths to children by age group: Oklahoma, 1975-2006	Page 88
Table 72. Child mortality rates by age group and number of suicides and homicides for children aged 15-19: Oklahoma, 1975-2006	Page 90
Table 73. Heart Disease Death Trends: Oklahoma, 1980- 2006	Page 91
Table 74. Heart Disease Deaths by Selected Demographics: Oklahoma, 2002-2006	Page 91
Table 75. Number of deaths, age-adjusted death rate and years of potential life lost due to Heart Disease Oklahoma and each County, 2002-2006	Page 92
Table 76. Number of deaths, age-adjusted death rate and years of potential life lost due to Heart Disease by gender: Oklahoma and each County, 2002-2006	Page 94
Table 77. Cancer Death Trends: Oklahoma, 1980- 2006	Page 96
Table 78. Cancer Deaths by Selected Demographics: Oklahoma, 2002-2006	Page 96
Table 79. Number of deaths, age-adjusted death rate and years of potential life lost due to Cancer Oklahoma and each County, 2002-2006	Page 97
Table 80. Number of deaths, age-adjusted death rate and years of potential life lost due to Cancer by gender: Oklahoma and each County, 2002-2006	Page 99
Table 81. Cerebrovascular Disease Death Trends: Oklahoma, 1980- 2006	Page 101
Table 82. Cerebrovascular Disease Deaths by Selected Demographics: Oklahoma, 2002-2006	Page 101

List of Tables

Table 83. Number of deaths, age-adjusted death rate and years of potential life lost due to Cerebrovascular Disease: Oklahoma and each County, 2002-2006	Page 102
Table 84. Number of deaths, age-adjusted death rate and years of potential life lost due to Cerebrovascular Disease by gender: Oklahoma and each County, 2002-2006	Page 104
Table 85. Unintentional Injury Death Trends: Oklahoma, 1980- 2006	Page 106
Table 86. Unintentional Injury Deaths by Selected Demographics: Oklahoma, 2002-2006	Page 106
Table 87. Number of deaths, age-adjusted death rate and years of potential life lost due to Unintentional Injuries: Oklahoma and each County, 2002-2006	Page 107
Table 88. Number of deaths, age-adjusted death rate and years of potential life lost due to Unintentional Injuries by gender: Oklahoma and each County, 2002-2006	Page 109
Table 89. Diabetes Death Trends: Oklahoma, 1980- 2006	Page 111
Table 90. Diabetes Deaths by Selected Demographics: Oklahoma, 2002-2006	Page 111
Table 91. Number of deaths, age-adjusted death rate and years of potential life lost due to Diabetes: Oklahoma and each County, 2002-2006	Page 112
Table 92. Number of deaths, age-adjusted death rate and years of potential life lost due to Diabetes by gender: Oklahoma and each County, 2002-2006	Page 114
Table 93. Influenza and Pneumonia Death Trends: Oklahoma, 1980- 2006	Page 116
Table 94. Influenza and Pneumonia Deaths by Selected Demographics: Oklahoma, 2002-2006	Page 116
Table 95. Number of deaths, age-adjusted death rate and years of potential life lost due to Influenza and Pneumonia: Oklahoma and each County, 2002-2006	Page 117
Table 96. Number of deaths, age-adjusted death rate and years of potential life lost due to Influenza and Pneumonia by gender: Oklahoma and each County, 2002-2006	Page 119
Table 97. Homicide Death Trends: Oklahoma, 1980- 2006	Page 121
Table 98. Homicide Deaths by Selected Demographics: Oklahoma, 2002-2006	Page 121
Table 99. Number of deaths, age-adjusted death rate and years of potential life lost due to Homicide: Oklahoma and each County, 2002-2006	Page 122
Table 100. Number of deaths, age-adjusted death rate and years of potential life lost due to Homicide by gender: Oklahoma and each County, 2002-2006	Page 124
Table 101. Suicide Death Trends: Oklahoma, 1980- 2006	Page 126
Table 102. Suicide Deaths by Selected Demographics: Oklahoma, 2002-2006	Page 126
Table 103. Number of deaths, age-adjusted death rate and years of potential life lost due to Suicide: Oklahoma and each County, 2002-2006	Page 127
Table 104. Number of deaths, age-adjusted death rate and years of potential life lost due to Suicide by gender: Oklahoma and each County, 2002-2006	Page 129
Table 105. Population estimates of children by age group: Oklahoma and each County, 2006	Page 131
Table 106. Female population estimates by age: Oklahoma and each County, 2006	Page 133
Appendix 1. 113 Selected Causes of Death and associated ICD-10 codes	Page 135
Appendix 2. 50 Rankable Causes of Death and associated ICD-10 codes	Page 138
Appendix 3. 39 Selected Causes of Death and associated ICD-10 codes	Page 139

List of Figures

Figure 1. Percent of births of low birthweight: Oklahoma, 1975-2006	Page 41
Figure 2. Percent of births to mothers with low education: Oklahoma, 1975-2006	Page 41
Figure 3. Percent of births to unmarried mothers: Oklahoma, 1975-2006	Page 42
Figure 4. Percent of teen births to unmarried mothers: Oklahoma, 1975-2006	Page 42
Figure 5. Percent of births to mothers who began prenatal care in first trimester: Oklahoma, 1975-2006	Page 44
Figure 6. Percent of births of low birthweight: United States and Oklahoma, 1975-2006	Page 45
Figure 7. Percent of births to unmarried mothers: United States and Oklahoma, 1975-2006	Page 46
Figure 8. Crude birth and death rates: Oklahoma, 1975-2006	Page 49
Figure 9. Infant mortality rates: United States and Oklahoma, 1975-2006	Page 78
Figure 10. Race-specific infant mortality rates: Oklahoma, 1975-2006	Page 78
Figure 11. Age-specific child mortality rates: Oklahoma, 1975-2006	Page 89
Figure 12. Age-Adjusted Heart Disease Death Rates, Select Demographic groups: Oklahoma, 2002-2006	Page 91
Figure 13. Age-Adjusted Cancer Death Rates, Select Demographic groups: Oklahoma, 2002-2006	Page 96
Figure 14. Age-Adjusted Stroke Death Rates, Select Demographic groups: Oklahoma, 2002-2006	Page 101
Figure 15. Age-Adjusted Unintentional Injury Death Rates, Select Demographic groups: Oklahoma, 2002-2006	Page 106
Figure 16. Age-Adjusted Diabetes Death Rates, Select Demographic groups: Oklahoma, 2002-2006	Page 111
Figure 17. Age-Adjusted Influenza and Pneumonia Death Rates, Select Demographic groups: Oklahoma, 2002-2006	Page 116
Figure 18. Age-Adjusted Homicide Death Rates, Select Demographic groups: Oklahoma, 2002-2006	Page 121
Figure 19. Age-Adjusted Suicide Death Rates, Select Demographic groups: Oklahoma, 2002-2006	Page 126

Definitions

Live birth: An infant with signs of life at birth.

Low birthweight: A live birth weighing 5 lb. 8 oz. or less (under 2,500 grams).

Very low birthweight: A live birth weighing 3 lb. 5 oz. or less (under 1,500 grams).

Prenatal Care:

First trimester - care beginning during the first 3 months of pregnancy

Adequate care - entry in first trimester and 10 or more visits

Little care - entry in first or second trimester and 1 to 3 visits

Late care - entry in third trimester with 1 or more visits

No care - never entered care (coding - zero trimester with zero or unknown visits, or unknown trimester with zero visits)

Low education: less than 12 grades of school completed

Unmarried: never married, divorced, or widowed at the time of the infant's birth

Fertility: births to a particular population of women (i.e., age group and/or race)

Birth interval: measured among mothers with a previous delivery.

Calculated as the number of months between most recent delivery and the previous delivery.

Short birth interval: < 18 months or < 24 months

High parity:

Teens - under 20 years of age with 2 or more previous births

Adults - ages 20 and over with 4 or more previous births

Gestational age: the time in weeks from last reported menses to birth

Race: the race of mother unless otherwise specified

County: the county of residence unless otherwise specified

Infant Death: a live birth dying before completing one year of life

Neonatal death: a live birth dying before 28 days of life

Post-neonatal death: a live birth dying between 28 days and one year of life

Fetal death (still birth): fetus 20 weeks or more gestation, born dead

Perinatal death: combined fetal and neonatal deaths

Years of Potential Life Lost (YPLL): Measures the impact of certain conditions which cause increased death among younger persons. Based on the number of years of life lost for each death that occurs before a selected endpoint.

Age 65 - productive life lost

Life expectancy - total life lost

Cause of Death:

Deaths which occurred from 1999-2006 were classified using ICD-10. The lists of 113 selected causes, 50 rankable causes and 39 selected causes are the lists that are used for general analysis. The Rankable Causes were selected from these lists by excluding those causes which were vaguely categorized (i.e., symptoms, signs, and abnormal clinical findings, those not elsewhere classified and all "other" categories) (2). Specific ICD-10 codes for the 113 Selected Causes, 50 Rankable Causes and 39 Selected Causes can be found in the appendices of this document.

For information on the ICD-9 mortality coding system go to: <http://www.cdc.gov/nchs/about/major/dvs/icd9des.htm>

For information on the ICD-10 mortality coding system go to: <http://www.cdc.gov/nchs/about/major/dvs/icd10des.htm>

1. Anderson RN, Minino AM, Hoyert DL, Rosenberg HM, Comparability of Cause of Death Between ICD-9 and ICD-10: Preliminary Estimates. National Vital Statistics Report: vol 49 no 2. Hyattsville, Maryland: National Center for Health Statistics. 2001. http://www.cdc.gov/nchs/data/nvsr/nvsr49/nvsr49_02.pdf

2. Heron MP. Deaths: Leading Causes for 2004. National Vital Statistic Reports: vol 56 no 5. Hyattsville, Maryland: National Center for Health Statistics. 2007. http://www.cdc.gov/nchs/data/nvsr/nvsr56/nvsr56_05.pdf

Formulas

Note: When calculating percentages for various maternal characteristics, the unknown values are always subtracted from the total values before the calculation is undertaken. Some of the tables in this document do not show the unknown values; however, they are used in the computations.

$$\text{Birth rate (crude): } \frac{\text{All live births}}{\text{Total population}} \times 1,000$$

$$\text{Fertility rate (age-specific birth rate): } \frac{\text{Births to women in specified age group}}{\text{Population of women in specified age group}} \times 1,000$$

$$\text{Percent low birthweight: } \frac{\text{All births less than 2,500 grams}}{\text{All births minus births of unknown birthweight}} \times 1,000$$

$$\text{Percent short birth interval: } \frac{\text{All births less than 24 months}}{\text{All births minus no previous births and unknown}} \times 1,000$$

Note: A similar calculation is made for short birth interval of less than 18 months. Only the primary birth is included in the case of multiple births.

Percent high parity:

$$\text{Teens: } \frac{\text{Births to women less than 20 years with 2 or more previous births}}{\text{All births to women under 20 years with a previous birth}} \times 1,000$$

$$\text{Adults: } \frac{\text{Births to women 20 years or older with 4 or more previous births}}{\text{All births to women 20 years or older with a previous birth}} \times 1,000$$

$$\text{Mortality Rate (Death Rate): } \frac{\text{All resident deaths}}{\text{Resident population}} \times 100,000$$

$$\text{Age Specific Mortality Rate (Death Rate): } \frac{\text{Number of resident deaths in that age group}}{\text{Population within that age group}} \times 100,000$$

$$\text{Infant mortality rate: } \frac{\text{All infant deaths}}{\text{All live births}} \times 1,000$$

$$\text{Neonatal mortality rate: } \frac{\text{All neonatal deaths}}{\text{All live births}} \times 1,000$$

$$\text{Post-neonatal mortality rate: } \frac{\text{All post-neonatal deaths}}{\text{All live births}} \times 1,000$$

$$\text{Fetal mortality rate: } \frac{\text{All fetal deaths}}{\text{All live births + all fetal deaths}} \times 1,000$$

$$\text{Perinatal mortality rate: } \frac{\text{All fetal deaths + all neonatal deaths}}{\text{All live births + all fetal deaths}} \times 1,000$$

Age Adjusted Mortality Rate (Death Rate):

$$\text{Oklahoma 2000 Standard Population} = \frac{\text{Age Specific Mortality Rate} \times \text{Population within that age group}}{\text{Oklahoma 2000 population}}$$

$$\text{United States 2000 Standard Population} = \frac{\text{Age Specific Mortality Rate} \times \text{Population within that age group}}{\text{US 2000 population}}$$

when calculating the rate for combined years, the population is the sum of the populations for the specified time span

Table 1. Number of births by race and Hispanic origin of mother, crude birth rates, and population estimates: Oklahoma and each County, 2006

(Crude birth rates are live births per 1,000 population. Population estimates provided by the Oklahoma Department of Commerce, U.S. Bureau of the Census)

County	Total	Race of mother					Hispanic ¹	Crude birth rate	Total population estimate
		White	Black	Am. Indian	Asian/ Pac Isl				
State	54,010	41,838	4,997	6,064	1,111	7,065	15.1	3,577,536	
Adair	360	143	-	216	1	18	16.5	21,855	
Alfalfa	47	46	-	1	-	-	8.3	5,650	
Atoka	183	134	10	38	1	2	12.8	14,343	
Beaver	68	67	-	-	1	13	12.7	5,334	
Beckham	357	334	7	15	1	35	18.5	19,335	
Blaine	165	131	3	31	-	15	13.2	12,482	
Bryan	545	436	10	94	5	41	14.0	38,861	
Caddo	415	240	11	162	2	61	14.0	29,628	
Canadian	1,453	1,276	26	106	45	92	14.5	100,092	
Carter	711	563	59	84	5	50	15.1	47,160	
Cherokee	628	350	3	273	2	69	13.9	45,091	
Choctaw	228	151	25	52	-	8	15.1	15,108	
Cimarron	27	27	-	-	-	8	10.0	2,689	
Cleveland	2,888	2,467	120	183	118	200	12.4	232,291	
Coal	88	59	2	27	-	-	15.6	5,627	
Comanche	1,875	1,280	356	172	67	244	16.7	112,388	
Cotton	68	57	-	11	-	2	10.7	6,364	
Craig	192	133	2	56	1	6	12.8	15,050	
Creek	866	738	16	108	4	29	12.7	68,297	
Custer	410	347	14	48	1	76	15.9	25,838	
Delaware	475	302	1	159	13	9	11.9	39,762	
Dewey	55	53	-	2	-	6	12.6	4,369	
Ellis	49	48	1	-	-	4	12.8	3,825	
Garfield	996	916	23	22	35	121	17.4	57,305	
Garvin	395	336	15	44	-	30	14.6	27,006	
Grady	672	608	20	39	5	35	13.4	50,079	
Grant	36	34	1	1	-	-	8.0	4,528	
Greer	70	65	2	2	1	15	12.1	5,776	
Harmon	49	42	6	1	-	20	16.8	2,912	
Harper	53	53	-	-	-	19	16.1	3,297	
Haskell	166	130	1	34	1	4	13.8	12,055	
Hughes	204	138	4	62	-	7	14.9	13,666	
Jackson	483	419	35	12	17	140	18.4	26,227	
Jefferson	86	78	1	6	1	9	13.6	6,338	
Johnston	162	121	1	40	-	6	15.6	10,377	
Kay	706	577	18	104	7	59	15.5	45,661	
Kingfisher	215	206	2	7	-	43	15.2	14,128	
Kiowa	99	81	7	10	1	10	10.3	9,608	
Latimer	136	91	2	43	-	3	13.0	10,481	
Leflore	740	607	4	121	8	92	15.0	49,290	

¹Hispanic births are of any race.

- Denotes no events in that category.

Table 1. Number of births by race and Hispanic origin of mother, crude birth rates, and population estimates: Oklahoma and each County, 2006

(Crude birth rates are live births per 1,000 population. Population estimates provided by the Oklahoma Department of Commerce, U.S. Bureau of the Census)

County	Total	Race of mother					Hispanic ¹	Crude birth rate	Total population estimate
		White	Black	Am. Indian	Asian/ Pac Isl				
State	54,010	41,838	4,997	6,064	1,111	7,065	15.1	3,577,536	
Lincoln	414	355	8	47	4	10	12.8	32,272	
Logan	434	377	41	14	2	19	12.1	35,813	
Love	137	128	1	8	-	26	15.1	9,084	
McClain	405	371	2	29	3	31	13.1	30,801	
McCurtain	529	360	50	117	2	33	15.8	33,540	
McIntosh	233	168	12	53	-	1	12.0	19,472	
Major	92	88	1	3	-	9	12.8	7,196	
Marshall	227	197	2	27	1	54	15.6	14,573	
Mayer	558	379	3	172	4	18	14.2	39,346	
Murray	184	152	3	29	-	13	14.4	12,735	
Muskogee	1,055	690	135	221	9	76	14.9	70,732	
Noble	130	117	-	11	2	2	11.7	11,099	
Nowata	139	102	2	35	-	4	13.1	10,637	
Okfuskee	159	103	7	48	1	1	14.1	11,249	
Oklahoma	12,265	9,025	2,278	564	398	2,683	17.7	694,589	
Okmulgee	542	393	39	109	1	20	13.8	39,175	
Osage	506	349	23	133	1	8	11.2	45,116	
Ottawa	491	337	6	127	21	41	14.9	32,861	
Pawnee	203	176	3	23	1	6	12.3	16,444	
Payne	937	822	38	49	28	36	11.8	79,308	
Pittsburg	551	414	15	118	4	23	12.4	44,388	
Pontotoc	542	361	16	161	4	23	15.1	35,864	
Pottawatomie	932	730	23	173	6	36	13.7	68,244	
Pushmataha	154	108	1	43	2	2	13.4	11,505	
Roger Mills	60	52	-	8	-	4	18.3	3,271	
Rogers	1,038	837	5	190	6	41	12.8	81,328	
Seminole	340	235	15	89	1	10	14.1	24,168	
Sequoyah	570	426	5	135	4	23	14.0	40,772	
Stephens	556	527	12	14	3	44	13.0	42,818	
Texas	368	361	2	1	4	220	18.4	20,013	
Tillman	132	115	9	6	2	38	16.0	8,274	
Tulsa	9,733	7,404	1,373	722	234	1,790	16.9	577,577	
Wagoner	816	671	42	90	13	31	12.5	65,116	
Washington	604	490	15	94	5	35	12.3	48,971	
Washita	152	144	1	6	1	13	13.2	11,491	
Woods	100	97	-	2	1	7	11.9	8,414	
Woodward	299	291	1	7	-	33	15.6	19,107	
Unknown	2	2	-	-	-	-	-	-	

¹Hispanic births are of any race.

- Denotes no events in that category.

Table 2. Percent of births by race and Hispanic origin of mother and percent of state for each county: Oklahoma, 2006

County	Race of mother					Total births	% of state
	White	Black	American Indian	Asian/ Pac Isl	Hispanic ¹		
State	77.5	9.3	11.2	2.1	13.1	54,010	100.00
Adair	39.7	-	60.0	0.3	5.0	360	0.67
Alfalfa	97.9	-	2.1	-	-	47	0.09
Atoka	73.2	5.5	20.8	0.5	1.1	183	0.34
Beaver	98.5	-	-	1.5	19.1	68	0.13
Beckham	93.6	2.0	4.2	0.3	9.8	357	0.66
Blaine	79.4	1.8	18.8	-	9.1	165	0.31
Bryan	80.0	1.8	17.2	0.9	7.5	545	1.01
Caddo	57.8	2.7	39.0	0.5	14.7	415	0.77
Canadian	87.8	1.8	7.3	3.1	6.3	1,453	2.69
Carter	79.2	8.3	11.8	0.7	7.0	711	1.32
Cherokee	55.7	0.5	43.5	0.3	11.0	628	1.16
Choctaw	66.2	11.0	22.8	-	3.5	228	0.42
Cimarron	100.0	-	-	-	29.6	27	0.05
Cleveland	85.4	4.2	6.3	4.1	6.9	2,888	5.35
Coal	67.0	2.3	30.7	-	-	88	0.16
Comanche	68.3	19.0	9.2	3.6	13.0	1,875	3.47
Cotton	83.8	-	16.2	-	2.9	68	0.13
Craig	69.3	1.0	29.2	0.5	3.1	192	0.36
Creek	85.2	1.8	12.5	0.5	3.4	866	1.60
Custer	84.6	3.4	11.7	0.2	18.6	410	0.76
Delaware	63.6	0.2	33.5	2.7	1.8	475	0.88
Dewey	96.4	-	3.6	-	10.9	55	0.10
Ellis	98.0	2.0	-	-	8.5	49	0.09
Garfield	92.0	2.3	2.2	3.5	12.2	996	1.84
Garvin	85.1	3.8	11.1	-	7.6	395	0.73
Grady	90.5	3.0	5.8	0.7	5.2	672	1.24
Grant	94.4	2.8	2.8	-	-	36	0.07
Greer	92.9	2.9	2.9	1.4	21.4	70	0.13
Harmon	85.7	12.2	2.0	-	40.8	49	0.09
Harper	100.0	-	-	-	35.8	53	0.10
Haskell	78.3	0.6	20.5	0.6	2.4	166	0.31
Hughes	67.6	2.0	30.4	-	3.4	204	0.38
Jackson	86.7	7.2	2.5	3.5	29.0	483	0.89
Jefferson	90.7	1.2	7.0	1.2	10.5	86	0.16
Johnston	74.7	0.6	24.7	-	3.7	162	0.30
Kay	81.7	2.5	14.7	1.0	8.4	706	1.31
Kingfisher	95.8	0.9	3.3	-	20.0	215	0.40
Kiowa	81.8	7.1	10.1	1.0	10.2	99	0.18
Latimer	66.9	1.5	31.6	-	2.2	136	0.25
Leflore	82.0	0.5	16.4	1.1	12.5	740	1.37

¹Hispanic births are of any race.

- Denotes no events in that category.

Table 2. Percent of births by race and Hispanic origin of mother and percent of state for each county: Oklahoma, 2006

County	Race of mother					Total births	% of state
	White	Black	American Indian	Asian/ Pac Isl	Hispanic ¹		
State	77.5	9.3	11.2	2.1	13.1	54,010	100.00
Lincoln	85.7	1.9	11.4	1.0	2.4	414	0.77
Logan	86.9	9.4	3.2	0.5	4.4	434	0.80
Love	93.4	0.7	5.8	-	19.0	137	0.25
McClain	91.6	0.5	7.2	0.7	7.7	405	0.75
McCurtain	68.1	9.5	22.1	0.4	6.3	529	0.98
McIntosh	72.1	5.2	22.7	-	0.4	233	0.43
Major	95.7	1.1	3.3	-	9.8	92	0.17
Marshall	86.8	0.9	11.9	0.4	23.8	227	0.42
Mayes	67.9	0.5	30.8	0.7	3.2	558	1.03
Murray	82.6	1.6	15.8	-	7.1	184	0.34
Muskogee	65.4	12.8	20.9	0.9	7.2	1,055	1.95
Noble	90.0	-	8.5	1.5	1.5	130	0.24
Nowata	73.4	1.4	25.2	-	2.9	139	0.26
Okfuskee	64.8	4.4	30.2	0.6	0.6	159	0.29
Oklahoma	73.6	18.6	4.6	3.2	22.0	12,265	22.71
Okmulgee	72.5	7.2	20.1	0.2	3.7	542	1.00
Osage	69.0	4.5	26.3	0.2	1.6	506	0.94
Ottawa	68.6	1.2	25.9	4.3	8.4	491	0.91
Pawnee	86.7	1.5	11.3	0.5	3.0	203	0.38
Payne	87.7	4.1	5.2	3.0	3.8	937	1.73
Pittsburg	75.1	2.7	21.4	0.7	4.2	551	1.02
Pontotoc	66.6	3.0	29.7	0.7	4.2	542	1.00
Pottawatomie	78.3	2.5	18.6	0.6	3.9	932	1.73
Pushmataha	70.1	0.6	27.9	1.3	1.3	154	0.29
Roger Mills	86.7	-	13.3	-	6.8	60	0.11
Rogers	80.6	0.5	18.3	0.6	4.0	1,038	1.92
Seminole	69.1	4.4	26.2	0.3	2.9	340	0.63
Sequoyah	74.7	0.9	23.7	0.7	4.0	570	1.06
Stephens	94.8	2.2	2.5	0.5	7.9	556	1.03
Texas	98.1	0.5	0.3	1.1	59.8	368	0.68
Tillman	87.1	6.8	4.5	1.5	28.8	132	0.24
Tulsa	76.1	14.1	7.4	2.4	18.6	9,733	18.02
Wagoner	82.2	5.1	11.0	1.6	3.9	816	1.51
Washington	81.1	2.5	15.6	0.8	5.8	604	1.12
Washita	94.7	0.7	3.9	0.7	8.6	152	0.28
Woods	97.0	-	2.0	1.0	7.1	100	0.19
Woodward	97.3	0.3	2.3	-	11.0	299	0.55

¹Hispanic births are of any race.

- Denotes no events in that category.

Table 3. Number of births by age of mother: Oklahoma and each County, 2006

County	Total	Age of mother									Unk
		10-14 years	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-54 years	
State	54,010	96	2,281	4,944	17,998	15,426	8,709	3,785	724	42	5
Adair	360	5	28	41	136	82	50	15	3	-	-
Alfalfa	47	-	2	-	19	7	13	4	2	-	-
Atoka	183	-	9	25	80	36	23	9	1	-	-
Beaver	68	-	4	6	21	18	11	6	2	-	-
Beckham	357	-	14	37	137	105	45	13	6	-	-
Blaine	165	-	7	13	60	42	30	12	1	-	-
Bryan	545	1	33	61	214	142	66	26	2	-	-
Caddo	415	1	19	43	156	130	47	15	4	-	-
Canadian	1,453	3	37	80	394	500	298	121	19	1	-
Carter	711	2	33	80	268	179	96	46	7	-	-
Cherokee	628	1	37	63	217	158	103	36	11	2	-
Choctaw	228	-	14	23	96	56	25	13	1	-	-
Cimarron	27	-	2	3	6	8	4	1	2	1	-
Cleveland	2,888	2	55	180	788	993	586	232	48	4	-
Coal	88	-	8	6	36	30	5	3	-	-	-
Comanche	1,875	2	55	175	741	516	237	126	23	-	-
Cotton	68	-	2	10	17	21	13	4	1	-	-
Craig	192	-	6	25	71	44	28	11	7	-	-
Creek	866	2	38	94	290	246	124	64	7	1	-
Custer	410	1	21	37	160	120	54	15	2	-	-
Delaware	475	2	18	61	187	126	62	15	3	1	-
Dewey	55	-	2	2	19	19	8	5	-	-	-
Ellis	49	-	2	3	17	16	8	3	-	-	-
Garfield	996	2	36	99	337	323	135	51	12	1	-
Garvin	395	2	10	45	166	95	49	18	8	-	2
Grady	672	-	28	61	219	197	120	40	7	-	-
Grant	36	-	-	2	10	13	8	2	1	-	-
Greer	70	-	7	10	25	14	8	6	-	-	-
Harmon	49	-	6	6	15	13	7	1	1	-	-
Harper	53	-	2	4	25	16	5	1	-	-	-
Haskell	166	-	12	20	74	35	17	5	3	-	-
Hughes	204	2	17	29	64	47	33	10	2	-	-
Jackson	483	1	22	45	165	137	88	15	9	1	-
Jefferson	86	-	6	15	31	20	11	2	1	-	-
Johnston	162	-	8	26	69	27	20	11	1	-	-
Kay	706	1	39	71	265	198	92	30	9	1	-
Kingfisher	215	1	8	16	63	64	39	20	3	1	-
Kiowa	99	-	5	10	42	26	13	3	-	-	-
Latimer	136	-	8	24	54	35	11	4	-	-	-
Leflore	740	4	29	85	311	179	88	36	7	1	-

Table 3. Number of births by age of mother: Oklahoma and each County, 2006

County	Total	Age of mother									Unk
		10-14 years	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-54 years	
State	54,010	96	2,281	4,944	17,998	15,426	8,709	3,785	724	42	5
Lincoln	414	-	19	48	157	107	58	21	4	-	-
Logan	434	-	5	44	125	132	70	46	12	-	-
Love	137	-	5	20	49	29	21	10	3	-	-
McClain	405	-	9	39	109	128	72	43	5	-	-
McCurtain	529	-	39	76	194	123	64	30	3	-	-
McIntosh	233	2	7	28	97	55	33	10	1	-	-
Major	92	-	2	8	28	28	13	11	2	-	-
Marshall	227	-	15	35	70	50	42	14	1	-	-
Mayer	558	1	21	73	203	155	63	34	8	-	-
Murray	184	-	15	17	63	44	34	11	-	-	-
Muskogee	1,055	4	56	129	379	271	147	58	11	-	-
Noble	130	-	5	7	52	36	19	8	3	-	-
Nowata	139	-	5	19	50	40	13	9	2	1	-
Okfuskee	159	-	9	21	52	46	15	14	2	-	-
Oklahoma	12,265	26	513	1,020	3,948	3,553	2,102	933	163	6	1
Okmulgee	542	1	28	65	211	154	53	20	9	1	-
Osage	506	-	23	50	167	147	71	38	10	-	-
Ottawa	491	-	24	51	188	120	71	31	5	1	-
Pawnee	203	-	12	17	72	54	27	17	2	2	-
Payne	937	-	27	65	319	291	164	55	15	1	-
Pittsburg	551	-	33	63	234	132	55	31	3	-	-
Pontotoc	542	3	32	56	191	153	63	40	4	-	-
Pottawatomie	932	3	53	104	323	250	122	64	12	1	-
Pushmataha	154	-	12	19	67	33	17	5	1	-	-
Roger Mills	60	-	3	7	22	22	4	1	1	-	-
Rogers	1,038	1	37	78	323	318	174	97	10	-	-
Seminole	340	1	17	53	118	89	42	18	2	-	-
Sequoyah	570	-	33	50	202	145	87	40	12	1	-
Stephens	556	-	27	57	196	167	72	30	7	-	-
Texas	368	-	22	34	126	102	58	21	5	-	-
Tillman	132	-	15	21	44	30	13	9	-	-	-
Tulsa	9,733	18	390	761	2,902	2,816	1,838	834	162	11	1
Wagoner	816	1	25	59	239	247	168	62	13	2	-
Washington	604	-	23	57	207	169	94	42	12	-	-
Washita	152	-	9	13	66	42	14	7	1	-	-
Woods	100	-	1	11	35	31	16	5	1	-	-
Woodward	299	-	21	33	105	84	40	15	1	-	-
Unknown	2	-	-	-	-	-	-	1	-	-	1

Table 4. Age-specific birth rates by age of mother: Oklahoma and each County, average 2004-2006

(Rates are per 1,000 female population in specified age group. Fertility rates are total live births per 1,000 female population aged 15-44.)

<i>County</i>	<i>15-19 years</i>	<i>15-17 years</i>	<i>18-19 years</i>	<i>20-24 years</i>	<i>25-29 years</i>	<i>30-34 years</i>	<i>35-39 years</i>	<i>40-44 years</i>	<i>Fertility rate</i>
State	57.1	28.8	102.3	131.8	122.8	79.5	32.4	5.5	72.2
Adair	86.8	43.1	173.3	216.3	123.1	66.4	22.7	3.6	86.3
Alfalfa	24.5	14.9	45.2	122.4	154.8	95.9	24.2	12.5	63.6
Atoka	72.2	26.2	160.7	168.8	85.5	56.4	20.4	++	67.7
Beaver	42.4	21.1	91.5	192.6	224.6	93.0	39.7	++	81.5
Beckham	76.9	30.4	179.3	172.5	157.5	61.2	27.4	6.7	86.8
Blaine	59.8	28.9	125.0	200.4	146.4	91.4	34.7	4.7	86.4
Bryan	64.4	39.6	97.5	124.8	117.6	52.6	19.7	2.2	67.6
Caddo	63.6	32.1	128.9	156.6	138.0	73.9	19.0	3.5	73.7
Canadian	33.0	15.2	65.1	97.0	151.3	102.4	33.0	5.9	66.9
Carter	74.2	31.3	178.3	170.7	108.8	67.7	23.2	3.7	74.5
Cherokee	51.7	35.7	66.2	85.9	103.8	73.2	26.1	5.9	61.6
Choctaw	87.8	36.5	186.7	192.2	106.8	60.4	22.8	++	77.5
Cimarron	47.6	20.7	117.0	87.0	183.7	107.4	++	++	60.5
Cleveland	26.4	13.8	40.7	58.0	111.9	77.4	31.5	5.0	51.8
Coal	47.9	29.5	85.4	187.9	133.2	39.5	14.9	++	67.1
Comanche	61.1	27.1	113.9	202.6	139.7	70.0	30.8	4.7	83.6
Cotton	61.4	18.9	134.3	129.3	130.9	55.7	18.5	++	63.2
Craig	63.7	26.2	132.2	140.2	99.8	71.0	30.8	7.2	66.0
Creek	56.4	24.9	118.5	151.1	115.7	62.4	27.8	3.9	66.6
Custer	47.8	34.7	57.2	84.0	146.7	74.0	21.7	3.2	64.8
Delaware	68.6	30.5	149.6	153.4	91.5	57.4	18.1	2.5	65.5
Dewey	31.8	18.1	30.6	150.9	206.6	90.9	32.6	++	79.3
Ellis	57.4	24.0	136.4	155.8	269.8	97.4	37.0	-	90.9
Garfield	67.2	26.6	146.0	177.5	151.8	83.0	28.1	7.1	85.4
Garvin	70.2	26.7	167.5	174.7	102.4	59.1	22.5	7.4	72.0
Grady	47.0	20.7	88.9	114.2	111.1	71.9	27.0	3.9	63.1
Grant	26.7	++	70.5	85.4	149.8	72.3	18.3	++	48.3
Greer	83.8	61.5	117.9	191.4	97.0	67.5	19.7	++	77.0
Harmon	72.7	45.5	121.0	198.3	197.8	95.7	++	++	86.1
Harper	66.0	28.0	144.2	179.9	264.6	94.7	31.7	++	99.6
Haskell	78.9	40.5	154.6	163.1	100.3	47.4	16.6	6.9	70.8
Hughes	87.0	48.3	164.1	166.4	135.3	79.0	23.5	++	81.1
Jackson	66.1	37.3	113.1	195.8	151.9	88.4	27.2	4.6	82.8
Jefferson	85.3	46.8	158.1	175.2	137.1	61.5	21.3	++	77.5
Johnston	79.4	40.4	133.0	144.7	122.7	67.7	34.4	++	76.1
Kay	66.1	35.6	114.5	175.6	150.3	76.2	29.3	5.1	81.4
Kingfisher	39.6	20.3	79.8	108.9	153.0	95.0	39.1	7.4	70.9
Kiowa	65.7	40.4	112.9	151.1	143.1	61.7	18.8	++	71.3
Latimer	52.5	27.6	74.1	111.5	90.2	37.4	10.2	++	51.8
Leflore	74.6	33.3	142.2	189.3	111.9	60.7	22.8	4.1	77.7

- Denotes no events in that category.

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

Table 4. Age-specific birth rates by age of mother: Oklahoma and each County, average 2004-2006

(Rates are per 1,000 female population in specified age group. Fertility rates are total live births per 1,000 female population aged 15-44.)

<i>County</i>	<i>15-19 years</i>	<i>15-17 years</i>	<i>18-19 years</i>	<i>20-24 years</i>	<i>25-29 years</i>	<i>30-34 years</i>	<i>35-39 years</i>	<i>40-44 years</i>	<i>Fertility rate</i>
State	57.1	28.8	102.3	131.8	122.8	79.5	32.4	5.5	72.2
Lincoln	55.0	20.3	134.7	153.2	105.5	72.6	23.9	2.5	66.5
Logan	33.9	13.1	64.2	105.4	116.4	72.4	34.8	6.5	61.1
Love	69.7	25.5	176.2	167.8	111.1	63.7	31.7	++	73.3
McClain	42.9	14.6	91.9	123.8	133.9	88.8	37.0	4.6	69.0
McCurtain	90.4	40.7	202.0	165.3	105.3	60.2	20.0	4.7	72.8
McIntosh	51.2	18.0	108.0	153.4	90.2	59.1	18.5	2.5	61.1
Major	31.3	10.1	82.9	141.3	140.4	93.4	48.2	++	70.7
Marshall	87.7	40.4	181.6	160.6	112.0	90.0	30.8	6.2	81.1
Mayer	58.5	25.0	126.3	167.4	110.8	59.9	25.5	4.0	71.0
Murray	80.7	50.9	138.5	144.3	101.8	69.5	19.2	++	69.1
Muskogee	74.9	36.6	139.8	148.0	108.6	66.2	26.7	4.0	72.4
Noble	30.2	13.9	62.3	148.2	153.8	69.2	23.6	6.0	66.6
Nowata	60.4	20.8	140.4	126.4	124.1	57.0	24.8	5.6	65.2
Okfuskee	69.4	34.9	123.6	162.1	124.9	68.6	30.2	5.2	75.6
Oklahoma	67.6	36.6	117.8	147.1	125.8	90.7	40.6	6.6	81.8
Okmulgee	63.3	27.0	128.6	149.9	121.9	60.7	23.8	6.1	72.2
Osage	41.2	17.8	90.7	113.7	94.7	62.9	25.5	6.3	55.0
Ottawa	62.2	34.5	101.3	157.0	115.0	71.0	23.8	4.3	71.5
Pawnee	53.4	25.1	105.4	148.1	119.6	71.1	30.9	4.2	67.6
Payne	22.1	21.5	22.3	43.8	88.5	84.3	33.9	7.4	45.7
Pittsburg	68.8	34.5	135.6	176.1	123.8	63.0	20.6	2.2	72.4
Pontotoc	52.3	26.1	88.5	125.1	113.2	69.2	26.7	4.2	69.0
Pottawatomie	60.1	33.0	99.5	129.8	90.3	57.9	26.2	3.3	62.2
Pushmataha	70.0	32.9	143.9	171.7	110.2	45.1	14.4	4.1	67.0
Roger Mills	68.3	34.7	114.3	212.8	251.5	92.8	++	++	99.4
Rogers	37.4	13.9	88.1	108.1	106.8	66.1	30.0	4.5	57.4
Seminole	70.2	34.5	128.0	152.8	120.9	67.1	21.9	4.9	73.4
Sequoyah	67.0	31.6	138.3	160.3	106.8	62.5	23.8	5.0	69.2
Stephens	55.5	24.3	118.2	145.5	145.0	70.6	25.1	4.6	71.9
Texas	78.4	49.5	123.9	170.3	155.6	94.7	38.9	9.0	93.7
Tillman	90.9	55.7	161.7	231.6	148.9	59.2	30.0	++	85.1
Tulsa	60.5	30.8	114.2	149.8	133.6	93.1	40.9	7.2	79.7
Wagoner	38.9	15.6	84.3	99.6	114.6	78.9	30.9	4.1	60.2
Washington	48.0	19.7	108.7	123.6	125.3	72.8	29.3	6.4	66.0
Washita	56.2	25.3	116.9	176.9	136.6	74.5	24.6	4.8	78.3
Woods	28.9	10.5	42.7	70.0	128.1	61.2	28.7	++	54.4
Woodward	77.3	34.6	191.0	188.5	113.0	81.2	25.6	++	80.8

- Denotes no events in that category.

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

Table 5. Births to women less than 20 years of age by race of mother and percent of teen births by first trimester, prenatal care, previous births, marital status, and total births to teens: Oklahoma and each County, 2006

County	Race of mother				Total < 20 years	% 1st Trimester	% Poor ¹ Care	% Previous Births	% Not Married
	White	Black	American Indian	Asian/ Pac Isl					
State	5,134	984	1,148	55	7,321	65.0	10.0	21.4	79.7
Adair	22	-	52	-	74	67.6	9.5	27.0	77.0
Alfalfa	2	-	-	-	2	**	**	**	**
Atoka	21	2	10	1	34	75.8	9.1	23.5	67.6
Beaver	10	-	-	-	10	**	**	**	**
Beckham	44	3	4	-	51	25.5	51.0	27.5	72.5
Blaine	13	-	7	-	20	**	**	25.0	95.0
Bryan	71	4	20	-	95	78.9	10.5	24.2	71.6
Caddo	33	3	27	-	63	61.3	11.3	14.3	84.1
Canadian	94	5	18	3	120	73.1	4.6	12.7	78.3
Carter	93	12	10	-	115	86.1	1.7	25.2	73.0
Cherokee	44	-	57	-	101	65.0	6.0	20.8	78.2
Choctaw	21	6	10	-	37	75.7	5.4	24.3	86.5
Cimarron	5	-	-	-	5	**	**	**	**
Cleveland	198	13	21	5	237	70.0	9.2	14.3	76.4
Coal	9	-	5	-	14	**	**	**	**
Comanche	132	63	34	3	232	72.7	9.5	22.4	74.6
Cotton	9	-	3	-	12	**	**	**	**
Craig	19	-	12	-	31	61.3	9.7	22.6	93.5
Creek	108	1	25	-	134	58.8	14.5	16.5	70.9
Custer	41	3	15	-	59	77.2	8.8	28.8	86.4
Delaware	47	-	30	4	81	74.4	9.0	25.9	67.9
Dewey	3	-	1	-	4	**	**	**	**
Ellis	5	-	-	-	5	**	**	**	**
Garfield	125	7	4	1	137	49.6	12.4	19.7	87.6
Garvin	49	4	4	-	57	77.6	8.2	14.0	78.9
Grady	77	5	6	1	89	80.7	4.5	20.2	70.8
Grant	2	-	-	-	2	**	**	**	**
Greer	16	1	-	-	17	**	**	**	**
Harmon	11	1	-	-	12	**	**	**	**
Harper	6	-	-	-	6	**	**	**	**
Haskell	22	-	10	-	32	84.4	6.3	12.5	53.1
Hughes	31	1	16	-	48	63.6	2.3	29.2	83.3
Jackson	55	10	3	-	68	79.4	3.2	33.8	85.3
Jefferson	20	1	-	-	21	81.0	-	23.8	81.0
Johnston	20	-	14	-	34	91.2	2.9	20.6	67.6
Kay	81	5	23	2	111	57.9	13.1	39.6	85.6
Kingfisher	24	-	1	-	25	56.0	4.0	12.0	64.0
Kiowa	11	1	2	1	15	**	**	**	**
Latimer	17	1	14	-	32	90.6	9.4	18.8	62.5
Leflore	97	-	20	1	118	65.0	12.0	21.2	76.3

¹ Beginning prenatal care in 3rd trimester, having less than four visits, or no prenatal care.

- Denotes no events in that category.

** Percent not computed when denominator < 20.

Table 5. Births to women less than 20 years of age by race of mother and percent of teen births by first trimester, prenatal care, previous births, marital status, and total births to teens: Oklahoma and each County, 2006

County	<i>Race of mother</i>				<i>Total < 20 years</i>	<i>% 1st Trimester</i>	<i>% Poor¹ Care</i>	<i>% Previous Births</i>	<i>% Not Married</i>
	<i>White</i>	<i>Black</i>	<i>American Indian</i>	<i>Asian/ Pac Isl</i>					
State	5,134	984	1,148	55	7,321	65.0	10.0	21.4	79.7
Lincoln	57	-	10	-	67	69.7	10.6	23.9	79.1
Logan	44	4	1	-	49	73.5	4.1	18.4	81.6
Love	24	-	1	-	25	80.0	8.0	4.0	76.0
McClain	41	-	7	-	48	78.0	4.9	12.5	72.9
McCurtain	68	23	24	-	115	82.6	4.3	33.0	80.0
McIntosh	29	1	7	-	37	67.6	2.7	32.4	75.7
Major	10	-	-	-	10	**	**	**	**
Marshall	42	1	7	-	50	78.0	6.0	24.0	68.0
Mayer	62	-	33	-	95	73.7	9.5	23.2	64.2
Murray	26	1	5	-	32	79.3	-	12.5	78.1
Muskogee	106	40	41	2	189	66.5	5.9	20.6	75.1
Noble	11	-	1	-	12	**	**	**	**
Nowata	17	-	7	-	24	83.3	4.2	8.3	79.2
Okfuskee	15	3	12	-	30	72.4	6.9	20.0	80.0
Oklahoma	1,019	434	94	12	1,559	62.7	10.7	23.7	85.6
Okmulgee	62	5	27	-	94	52.7	13.2	21.3	84.0
Osage	43	4	26	-	73	75.3	5.5	17.8	87.7
Ottawa	52	2	21	-	75	66.1	16.9	21.3	81.3
Pawnee	24	1	4	-	29	58.6	6.9	10.3	82.8
Payne	75	8	8	1	92	56.0	15.4	16.5	76.1
Pittsburg	63	5	28	-	96	71.9	8.3	20.8	76.0
Pontotoc	44	7	39	1	91	62.7	7.2	17.6	87.9
Pottawatomie	119	7	34	-	160	77.1	10.5	18.1	73.8
Pushmataha	22	1	8	-	31	80.6	9.7	3.2	71.0
Roger Mills	8	-	2	-	10	**	**	**	**
Rogers	88	1	26	1	116	76.3	3.5	15.5	80.2
Seminole	50	3	18	-	71	66.7	10.6	16.9	73.2
Sequoyah	56	2	25	-	83	69.9	12.0	22.9	71.1
Stephens	79	3	2	-	84	53.0	9.6	20.2	66.7
Texas	55	-	-	1	56	53.6	23.2	16.1	73.2
Tillman	30	3	2	1	36	70.6	5.9	19.4	94.4
Tulsa	778	261	117	13	1,169	53.3	12.3	21.2	83.3
Wagoner	60	8	16	1	85	60.2	8.4	23.5	70.6
Washington	61	4	15	-	80	75.0	3.8	18.8	87.5
Washita	22	-	-	-	22	36.4	40.9	13.6	68.2
Woods	12	-	-	-	12	**	**	**	**
Woodward	52	-	2	-	54	57.4	5.6	20.4	75.9

¹ Beginning prenatal care in 3rd trimester, having less than four visits, or no prenatal care.

- Denotes no events in that category.

** Percent not computed when denominator < 20.

Table 6. Number and percent of births by low birthweight, marital status, and low educational attainment of mother: Oklahoma and each County, 2006

County	Low Birthweight				Not Married		Education < 12 grades		Total Births
	< 1500 grams		< 2500 grams		Number	%	Number	%	
State	866	1.6	4,509	8.4	22,077	40.9	12,203	22.7	54,010
Adair	7	1.9	26	7.2	168	46.8	118	32.8	360
Alfalfa	-	-	2	4.3	9	19.1	3	6.4	47
Atoka	3	1.6	16	8.7	80	43.7	39	21.3	183
Beaver	-	-	2	2.9	26	38.2	10	14.7	68
Beckham	9	2.5	37	10.4	149	41.7	66	18.5	357
Blaine	-	-	19	11.6	83	50.3	28	17.2	165
Bryan	7	1.3	48	8.8	230	42.2	143	26.2	545
Caddo	4	1.0	37	8.9	216	52.0	94	22.7	415
Canadian	21	1.4	103	7.1	410	28.2	181	12.5	1,453
Carter	15	2.1	84	11.8	305	42.9	176	24.8	711
Cherokee	10	1.6	48	7.6	283	45.1	166	26.5	628
Choctaw	4	1.8	22	9.6	131	57.5	56	24.6	228
Cimarron	-	-	2	7.4	9	33.3	6	22.2	27
Cleveland	42	1.5	217	7.5	818	28.3	322	11.3	2,888
Coal	1	1.2	7	8.1	40	45.5	17	19.3	88
Comanche	27	1.4	163	8.7	704	37.6	273	14.6	1,875
Cotton	4	5.9	6	8.8	29	42.6	10	14.7	68
Craig	3	1.6	14	7.3	80	41.9	36	18.8	192
Creek	12	1.4	68	7.9	324	37.5	177	20.5	866
Custer	6	1.5	28	6.8	182	44.5	77	19.0	410
Delaware	4	0.8	35	7.4	208	43.9	127	26.7	475
Dewey	1	1.8	3	5.5	16	29.1	12	21.8	55
Ellis	-	-	4	8.2	11	22.4	12	24.5	49
Garfield	17	1.7	88	8.8	412	41.4	216	21.7	996
Garvin	4	1.0	33	8.4	159	40.3	90	23.0	395
Grady	17	2.5	69	10.3	223	33.2	111	16.6	672
Grant	-	-	1	2.8	10	27.8	2	5.6	36
Greer	2	2.9	5	7.1	35	50.0	12	17.4	70
Harmon	-	-	5	10.2	23	46.9	18	36.7	49
Harper	-	-	4	7.5	16	30.8	16	30.2	53
Haskell	3	1.8	15	9.0	53	31.9	36	21.7	166
Hughes	3	1.5	9	4.4	97	47.5	62	30.7	204
Jackson	8	1.7	53	11.0	196	40.6	114	23.6	483
Jefferson	1	1.2	8	9.3	34	39.5	18	20.9	86
Johnston	2	1.2	13	8.0	58	35.8	31	19.1	162
Kay	6	0.8	50	7.1	358	50.7	178	25.2	706
Kingfisher	3	1.4	9	4.2	71	33.0	50	23.3	215
Kiowa	1	1.0	9	9.1	50	50.5	15	15.2	99
Latimer	2	1.5	9	6.6	52	38.2	35	25.7	136
Leflore	14	1.9	60	8.1	291	39.3	188	25.4	740

- Denotes no events in that category.

Table 6. Number and percent of births by low birthweight, marital status, and low educational attainment of mother: Oklahoma and each County, 2006

County	Low Birthweight				Not Married		Education < 12 grades		Total Births
	< 1500 grams		< 2500 grams		Number	%	Number	%	
State	866	1.6	4,509	8.4	22,077	40.9	12,203	22.7	54,010
Lincoln	6	1.4	30	7.2	151	36.5	81	19.7	414
Logan	5	1.2	26	6.0	145	33.4	63	14.5	434
Love	5	3.6	17	12.4	51	37.2	41	29.9	137
McClain	7	1.7	36	8.9	117	28.9	66	16.5	405
McCurtain	7	1.3	40	7.6	251	47.4	130	24.6	529
McIntosh	10	4.3	30	12.9	109	47.0	55	23.6	233
Major	1	1.1	8	8.7	25	27.2	13	14.1	92
Marshall	2	0.9	21	9.3	95	41.9	72	31.7	227
Mayes	9	1.6	31	5.6	202	36.2	125	22.4	558
Murray	1	0.5	22	12.0	77	41.8	43	23.6	184
Muskogee	20	1.9	84	8.0	498	47.2	273	25.9	1,055
Noble	1	0.8	11	8.5	41	31.5	19	14.7	130
Nowata	-	-	8	5.8	55	39.6	18	12.9	139
Okfuskee	1	0.6	7	4.4	68	42.8	35	22.4	159
Oklahoma	216	1.8	1,133	9.2	5,649	46.1	3,313	27.2	12,265
Okmulgee	3	0.6	43	7.9	248	45.8	117	21.7	542
Osage	5	1.0	43	8.5	214	42.3	76	15.0	506
Ottawa	4	0.8	34	6.9	211	43.0	127	26.0	491
Pawnee	1	0.5	17	8.4	90	44.3	51	25.2	203
Payne	6	0.6	61	6.5	291	31.1	149	16.1	937
Pittsburg	8	1.5	50	9.1	243	44.1	113	20.5	551
Pontotoc	8	1.5	53	9.8	253	46.7	126	23.5	542
Pottawatomie	11	1.2	63	6.8	404	43.4	189	20.8	932
Pushmataha	2	1.3	12	7.8	70	45.5	38	24.7	154
Roger Mills	1	1.7	1	1.7	27	45.0	10	16.7	60
Rogers	14	1.3	72	6.9	316	30.4	137	13.2	1,038
Seminole	5	1.5	27	7.9	168	49.4	73	21.6	340
Sequoyah	12	2.1	46	8.1	215	37.7	153	26.8	570
Stephens	9	1.6	39	7.0	188	33.8	124	22.4	556
Texas	3	0.8	18	4.9	153	41.7	196	53.3	368
Tillman	2	1.5	13	9.9	72	54.5	54	40.9	132
Tulsa	192	2.0	828	8.5	4,040	41.5	2,419	24.9	9,733
Wagoner	9	1.1	75	9.2	244	29.9	122	15.0	816
Washington	9	1.5	43	7.1	232	38.4	124	20.5	604
Washita	2	1.3	10	6.6	59	38.8	36	23.7	152
Woods	2	2.0	3	3.0	32	32.0	9	9.0	100
Woodward	4	1.3	23	7.7	124	41.5	71	23.7	299
Unknown	-	-	-	-	-	-	1	-	2

- Denotes no events in that category.

Table 7. Risk factors for Infants: Birth Interval and Parity Oklahoma and each County, 2006

Note: *Among women with at least one previous birth

County	Live-birth Order				Percent Repeat Births	< 20 years of age: 2 or more previous births*		20 years or older: 4 or more previous births*		Total Births
	First	Second	Third or Higher	Unknown		Number	%	Number	%	
State	20,668	17,059	16,216	67	61.7	236	15.1	2,363	7.5	54,010
Adair	121	115	124	-	66.4	5	25.0	15	6.8	360
Alfalfa	15	15	17	-	68.1	-	-	1	3.1	47
Atoka	63	70	50	-	65.6	1	++	5	4.5	183
Beaver	28	19	21	-	58.8	-	-	3	7.7	68
Beckham	148	97	110	2	58.3	2	++	16	8.3	357
Blaine	51	45	69	-	69.1	-	-	8	7.3	165
Bryan	235	175	135	-	56.9	2	8.7	14	4.9	545
Caddo	149	119	145	2	63.9	2	++	29	11.4	415
Canadian	570	467	409	7	60.6	3	++	52	6.0	1,453
Carter	251	237	223	-	64.7	5	17.2	31	7.2	711
Cherokee	245	191	192	-	61.0	4	19.0	33	9.1	628
Choctaw	74	91	63	-	67.5	1	++	7	4.8	228
Cimarron	8	7	12	-	70.4	-	-	-	-	27
Cleveland	1,187	968	729	4	58.8	4	11.8	77	4.6	2,888
Coal	41	24	23	-	53.4	-	-	2	4.3	88
Comanche	743	605	525	2	60.3	7	13.5	71	6.6	1,875
Cotton	24	15	29	-	64.7	1	++	4	9.3	68
Craig	70	67	54	1	63.4	1	++	8	7.0	192
Creek	355	251	258	2	58.9	5	22.7	42	8.6	866
Custer	151	144	114	1	63.1	2	++	15	6.2	410
Delaware	167	108	200	-	64.8	6	28.6	31	10.8	475
Dewey	21	15	19	-	61.8	-	-	7	20.6	55
Ellis	10	19	20	-	79.6	1	++	3	7.9	49
Garfield	381	318	296	1	61.7	4	14.8	41	7.0	996
Garvin	162	120	112	1	58.9	1	++	13	5.8	395
Grady	269	207	196	-	60.0	6	++	24	6.2	672
Grant	15	15	6	-	58.3	-	-	2	10.0	36
Greer	33	14	23	-	52.9	1	++	3	9.1	70
Harmon	20	11	18	-	59.2	2	++	4	16.0	49
Harper	22	15	16	-	58.5	-	-	4	13.8	53
Haskell	63	57	45	1	61.8	1	++	4	4.1	166
Hughes	71	60	73	-	65.2	4	++	8	6.7	204
Jackson	166	152	165	-	65.6	4	17.4	20	6.8	483
Jefferson	37	28	21	-	57.0	-	-	5	11.4	86
Johnston	76	50	36	-	53.1	1	++	2	2.5	162
Kay	233	226	247	-	67.0	4	9.1	37	8.6	706
Kingfisher	81	69	65	-	62.3	-	-	4	3.1	215
Kiowa	35	34	30	-	64.6	2	++	2	3.4	99
Latimer	63	38	34	1	53.3	1	++	5	7.6	136
Leflore	259	254	227	-	65.0	5	20.0	31	6.8	740

- Denotes no events in that category.

**Percent not computed when denominator < 20.

Table 7. Risk factors for Infants: Birth Interval and Parity Oklahoma and each County, 2006

Note: *Among women with at least one previous birth

County	Live-birth Order				Percent Repeat Births	< 20 years of age: 2 or more previous births*		20 years or older: 4 or more previous births*		Total Births
	First	Second	Third or Higher	Unknown		Number	%	Number	%	
State	20,668	17,059	16,216	67	61.7	236	15.1	2,363	7.5	54,010
Lincoln	155	133	124	2	62.4	1	++	18	7.5	414
Logan	153	138	142	1	64.7	-	-	21	7.7	434
Love	56	41	40	-	59.1	-	-	9	11.3	137
McClain	160	127	117	1	60.4	-	-	16	6.7	405
McCurtain	188	181	160	-	64.5	6	15.8	23	7.6	529
McIntosh	82	76	75	-	64.8	-	-	9	6.5	233
Major	37	31	24	-	59.8	-	-	2	3.6	92
Marshall	88	68	71	-	61.2	3	++	12	9.4	227
Mayes	207	158	193	-	62.9	2	9.1	22	6.7	558
Murray	75	56	53	-	59.2	-	-	8	7.6	184
Muskogee	418	318	319	-	60.4	3	7.7	41	6.9	1,055
Noble	49	46	34	1	62.0	-	-	7	8.9	130
Nowata	66	41	32	-	52.5	1	++	4	5.6	139
Okfuskee	62	44	53	-	61.0	-	-	11	12.1	159
Oklahoma	4,580	3,867	3,800	18	62.6	59	16.0	601	8.2	12,265
Okmulgee	205	172	165	-	62.2	4	20.0	20	6.3	542
Osage	190	160	156	-	62.5	4	++	22	7.3	506
Ottawa	192	138	160	1	60.8	4	++	21	7.4	491
Pawnee	83	51	68	1	58.9	-	-	14	12.1	203
Payne	410	286	238	3	56.1	2	++	25	4.9	937
Pittsburg	226	200	125	-	59.0	-	-	14	4.6	551
Pontotoc	235	164	143	-	56.6	3	++	15	5.2	542
Pottawatomie	373	286	273	-	60.0	5	17.2	38	7.2	932
Pushmataha	67	41	46	-	56.5	-	-	6	7.0	154
Roger Mills	24	20	16	-	60.0	-	-	3	8.8	60
Rogers	429	330	278	1	58.6	3	++	44	7.5	1,038
Seminole	139	100	100	1	59.0	1	++	21	11.2	340
Sequoyah	188	187	194	1	67.0	1	++	28	7.7	570
Stephens	215	187	152	2	61.2	1	++	21	6.5	556
Texas	116	105	147	-	68.5	2	++	25	10.3	368
Tillman	53	38	41	-	59.8	-	-	4	5.6	132
Tulsa	3,668	3,097	2,960	8	62.3	39	15.7	486	8.4	9,733
Wagoner	299	269	248	-	63.4	2	10.0	42	8.5	816
Washington	246	188	170	-	59.3	1	++	11	3.2	604
Washita	61	49	42	-	59.9	-	-	7	8.0	152
Woods	41	40	19	-	59.0	-	-	2	3.5	100
Woodward	117	94	87	1	60.7	1	++	7	4.1	299
Unknown	2	-	-	-	-	-	-	-	-	2

- Denotes no events in that category.

**Percent not computed when denominator < 20.

Table 8. Number and percent of births by first trimester and adequacy of prenatal care: Oklahoma and each County, 2006

County	1st trimester		1st trimester and > 9 visits		Little care ¹	Late care ²	No care ³	Poor Care ⁴	Total Reporting Care
	Number	%	Number	%	Number	Number	Number	%	
State	39,943	75.6	30,808	58.3	725	2,463	781	7.5	52,805
Adair	266	75.1	226	63.8	1	16	8	7.1	354
Alfalfa	31	66.0	20	42.6	1	1	1	6.4	47
Atoka	149	83.7	70	39.3	5	7	-	6.7	178
Beaver	45	71.4	31	49.2	1	2	1	6.3	63
Beckham	96	27.0	61	17.1	6	185	7	55.6	356
Blaine	129	82.2	106	67.5	3	5	4	7.6	157
Bryan	453	83.6	188	34.7	3	21	6	5.5	542
Caddo	310	77.1	238	59.2	7	12	12	7.7	402
Canadian	1,236	89.2	1,096	79.1	7	19	7	2.4	1,385
Carter	616	87.4	464	65.8	9	15	3	3.8	705
Cherokee	436	69.8	378	60.5	8	22	7	5.9	625
Choctaw	180	80.0	80	35.6	5	5	5	6.7	225
Cimarron	21	77.8	16	59.3	-	1	-	3.7	27
Cleveland	2,305	84.5	1,967	72.1	20	81	22	4.5	2,727
Coal	68	81.0	49	58.3	1	4	1	7.1	84
Comanche	1,590	85.4	1,198	64.3	26	35	27	4.7	1,862
Cotton	62	91.2	55	80.9	-	-	-	-	68
Craig	131	72.8	112	62.2	-	12	2	7.8	180
Creek	620	72.3	470	54.8	9	51	9	8.0	858
Custer	321	79.3	255	63.0	5	25	6	8.9	405
Delaware	368	79.7	275	59.5	7	19	5	6.7	462
Dewey	36	65.5	28	50.9	-	4	6	18.2	55
Ellis	33	67.3	30	61.2	1	2	-	6.1	49
Garfield	665	67.2	479	48.4	16	41	14	7.2	990
Garvin	278	76.2	230	63.0	4	13	14	8.5	365
Grady	560	85.8	474	72.6	7	13	5	3.8	653
Grant	24	66.7	22	61.1	-	3	1	11.1	36
Greer	50	74.6	41	61.2	-	8	-	11.9	67
Harmon	39	81.3	34	70.8	1	1	-	4.2	48
Harper	33	62.3	30	56.6	3	3	-	11.3	53
Haskell	118	72.8	82	50.6	3	10	1	8.6	162
Hughes	135	71.1	109	57.4	1	10	2	6.8	190
Jackson	385	83.7	337	73.3	4	6	3	2.8	460
Jefferson	70	82.4	41	48.2	-	3	1	4.7	85
Johnston	142	88.2	89	55.3	1	5	-	3.7	161
Kay	451	66.4	373	54.9	10	52	9	10.5	679
Kingfisher	176	82.2	149	69.6	1	2	1	1.9	214
Kiowa	72	73.5	65	66.3	1	4	1	6.1	98
Latimer	107	78.7	73	53.7	3	9	-	8.8	136
Leflore	527	71.5	382	51.8	15	33	10	7.9	737

¹ 1-3 pnc visits beginning in the 1st or 2nd trimester

² Any number of visits beginning in the 3rd trimester

³ 0 pnc visits

⁴ Late, Little or No care

- Denotes no events in that category.

Table 8. Number and percent of births by first trimester and adequacy of prenatal care: Oklahoma and each County, 2006

County	1st trimester		1st trimester and > 9 visits		Little care ¹	Late care ²	No care ³	Poor Care ⁴	Total Reporting Care
	Number	%	Number	%	Number	Number	Number	%	
State	39,943	75.6	30,808	58.3	725	2,463	781	7.5	52,805
Lincoln	306	76.5	242	60.5	5	36	8	12.3	400
Logan	374	87.2	316	73.7	8	4	3	3.5	429
Love	115	85.2	89	65.9	3	6	1	7.4	135
McClain	318	83.0	278	72.6	5	9	5	5.0	383
McCurtain	430	82.5	346	66.4	4	11	5	3.8	521
McIntosh	144	61.8	76	32.6	6	13	6	10.7	233
Major	70	76.1	61	66.3	-	4	1	5.4	92
Marshall	184	81.4	93	41.2	2	11	2	6.6	226
Mayes	450	81.1	369	66.5	9	13	4	4.7	555
Murray	152	87.9	134	77.5	1	3	2	3.5	173
Muskogee	723	68.8	536	51.0	14	34	14	5.9	1,051
Noble	104	81.9	84	66.1	-	3	-	2.4	127
Nowata	118	86.1	102	74.5	1	2	-	2.2	137
Okfuskee	115	76.2	75	49.7	2	9	-	7.3	151
Oklahoma	9,148	76.2	7,266	60.5	144	606	150	7.5	12,001
Okmulgee	402	75.1	270	50.5	9	24	4	6.9	535
Osage	376	75.2	308	61.6	2	18	5	5.0	500
Ottawa	280	69.7	234	58.2	4	44	9	14.2	402
Pawnee	130	64.4	105	52.0	1	17	2	9.9	202
Payne	729	78.6	649	70.0	4	55	15	8.0	927
Pittsburg	422	76.7	253	46.0	21	16	3	7.3	550
Pontotoc	403	79.5	366	72.2	4	20	3	5.3	507
Pottawatomie	698	79.2	509	57.8	22	39	9	7.9	881
Pushmataha	121	78.6	65	42.2	4	6	-	6.5	154
Roger Mills	20	33.3	13	21.7	2	30	-	53.3	60
Rogers	862	83.7	705	68.4	9	22	9	3.9	1,030
Seminole	236	73.8	171	53.4	5	21	3	9.1	320
Sequoyah	382	67.1	307	54.0	5	16	21	7.4	569
Stephens	397	71.7	229	41.3	10	39	9	10.5	554
Texas	211	59.8	125	35.4	15	21	38	21.0	353
Tillman	103	79.8	94	72.9	1	-	2	2.3	129
Tulsa	6,615	68.9	4,778	49.8	187	450	220	8.9	9,604
Wagoner	608	75.1	427	52.7	10	27	18	6.8	810
Washington	511	84.6	427	70.7	3	15	4	3.6	604
Washita	83	55.3	62	41.3	4	42	1	31.3	150
Woods	67	67.7	49	49.5	1	2	1	4.0	99
Woodward	202	67.6	172	57.5	3	14	3	6.7	299
Unknown	-	-	-	-	-	1	-	-	2

¹ 1-3 pnc visits beginning in the 1st or 2nd trimester

² Any number of visits beginning in the 3rd trimester

³ 0 pnc visits

⁴ Late, Little or No care

- Denotes no events in that category.

Table 9. Number of births by selected health indicators: Oklahoma and each County, 2002-2006

County	Low	Teen Births < 20 years	Beginning	Unmarried Births	Education	Previous births		Infant deaths
	Birthweight < 2500 gms		Prenatal Care 1st Trimester		< 12 grades	Age < 20 2+ births	Age > 19 4+ births	
State	20,685	35,552	193,391	99,186	59,065	1,197	10,792	2,059
Adair	149	389	1,317	885	656	17	81	14
Alfalfa	9	27	170	66	26	-	10	-
Atoka	75	149	643	309	170	5	24	9
Beaver	21	43	259	116	89	-	16	1
Beckham	138	240	710	618	280	8	52	9
Blaine	68	113	570	334	147	5	33	7
Bryan	192	442	2,037	1,094	655	13	63	22
Caddo	166	387	1,579	1,005	483	16	141	17
Canadian	465	617	5,416	1,747	798	21	223	46
Carter	301	555	2,899	1,369	913	31	155	21
Cherokee	218	508	2,095	1,304	847	16	141	29
Choctaw	90	231	825	561	284	9	43	14
Cimarron	9	24	98	50	44	2	6	1
Cleveland	924	1,154	11,424	3,496	1,530	19	334	85
Coal	29	60	287	134	92	2	21	10
Comanche	857	1,383	7,642	3,435	1,463	46	387	73
Cotton	28	63	321	146	54	1	15	3
Craig	77	155	622	354	197	5	35	6
Creek	367	669	2,977	1,580	970	24	175	38
Custer	133	280	1,500	751	400	8	60	9
Delaware	178	409	1,643	944	601	18	137	11
Dewey	15	27	177	88	43	-	25	3
Ellis	16	26	196	57	45	2	11	-
Garfield	370	619	3,331	1,813	965	22	205	47
Garvin	136	276	1,389	670	386	7	50	15
Grady	270	418	2,593	1,042	597	21	144	25
Grant	11	28	159	54	25	-	6	-
Greer	38	71	251	140	83	3	16	4
Harmon	18	45	161	103	68	6	7	3
Harper	17	29	163	70	56	-	9	3
Haskell	72	159	606	278	181	3	28	8
Hughes	67	161	629	400	228	6	44	7
Jackson	217	340	1,939	804	486	13	89	23
Jefferson	37	85	317	160	115	3	16	4
Johnston	50	143	569	272	165	2	18	4
Kay	264	558	2,271	1,603	936	15	190	27
Kingfisher	78	105	818	262	225	2	24	3
Kiowa	69	107	457	271	126	5	12	5
Latimer	40	113	428	217	147	4	13	8
Leflore	226	662	2,757	1,324	1,027	16	129	30

- Denotes no events in that category.

Table 9. Number of births by selected health indicators: Oklahoma and each County, 2002-2006

County	Low	Teen Births < 20 years	Beginning	Unmarried Births	Education	Previous births		Infant deaths
	Birthweight < 2500 gms		Prenatal Care 1st Trimester		< 12 grades	Age < 20 2+ births	Age > 19 4+ births	
State	20,685	35,552	193,391	99,186	59,065	1,197	10,792	2,059
Lincoln	158	318	1,501	681	407	7	68	20
Logan	154	229	1,860	692	317	3	91	19
Love	52	80	476	203	170	1	22	3
McClain	169	224	1,642	530	336	7	70	16
McCurtain	185	507	2,021	1,089	630	17	77	19
McIntosh	103	179	750	484	255	4	45	17
Major	41	36	322	103	68	1	8	3
Marshall	75	160	764	367	300	7	49	5
Mayes	180	399	2,091	875	601	10	92	16
Murray	81	139	680	298	194	4	27	5
Muskogee	397	841	3,553	2,179	1,362	22	199	31
Noble	37	71	548	229	120	-	29	4
Nowata	33	104	524	241	116	4	26	3
Okfuskee	58	129	509	299	190	-	50	4
Oklahoma	5,177	7,729	44,747	25,709	16,105	322	2,757	524
Okmulgee	206	463	2,031	1,200	640	14	113	26
Osage	182	332	1,695	877	378	11	103	20
Ottawa	166	386	1,367	912	550	18	98	16
Pawnee	88	160	707	360	238	5	64	2
Payne	266	466	3,160	1,245	640	11	144	31
Pittsburg	208	449	1,944	1,081	614	9	78	20
Pontotoc	200	361	2,007	1,008	547	8	73	21
Pottawatomie	348	719	3,501	1,909	1,003	24	177	33
Pushmataha	48	136	537	272	173	-	28	5
Roger Mills	17	31	121	88	34	-	7	3
Rogers	318	532	3,907	1,317	705	11	179	30
Seminole	144	353	1,290	891	454	11	114	17
Sequoyah	215	470	1,958	1,005	757	12	130	21
Stephens	201	383	2,096	879	532	20	91	23
Texas	128	302	1,168	745	894	7	96	11
Tillman	45	131	469	288	178	4	25	6
Tulsa	3,805	5,666	31,912	18,080	11,254	195	2,135	374
Wagoner	289	433	2,914	1,102	626	14	161	21
Washington	211	382	2,564	1,080	566	11	103	23
Washita	48	110	477	265	144	3	28	5
Woods	21	44	340	125	48	-	15	-
Woodward	125	226	989	550	313	4	30	13
Unknown	1	2	4	2	3	-	2	5

Table 10. Percent of births by selected health indicators: Oklahoma and each County, 2002-2006

(Infant mortality rates are infant deaths per 1,000 live births.)

County	Low	Teen Births	Beginning	Unmarried	Education	Previous births		Infant
	Birthweight	< 20 years	Prenatal Care		< 12	Age < 20	Age > 19	
	< 2500 gms		1st Trimester	Births	grades	2+ births	4+ births	Rate
State	8.0	13.8	77.1	38.4	23.0	16.1	7.2	8.0
Adair	8.0	20.8	71.7	47.3	35.1	16.3	7.4	7.5
Alfalfa	3.9	11.7	74.2	28.6	11.3	-	7.2	-
Atoka	9.1	17.9	77.9	37.1	20.4	14.3	4.9	10.8
Beaver	5.8	11.7	74.2	31.7	24.5	-	6.6	++
Beckham	9.2	15.9	47.3	41.0	18.6	16.0	6.2	6.0
Blaine	9.4	15.7	81.3	46.3	20.5	19.2	7.5	9.7
Bryan	7.6	17.2	79.5	42.5	25.5	13.8	4.6	8.6
Caddo	7.8	18.1	76.3	47.1	22.7	20.3	11.2	8.0
Canadian	7.2	9.6	89.6	27.2	12.4	21.9	5.9	7.2
Carter	9.0	16.5	86.6	40.7	27.2	21.7	7.8	6.2
Cherokee	7.0	16.2	67.7	41.7	27.1	16.0	7.9	9.3
Choctaw	8.3	20.8	75.3	50.6	25.7	15.5	6.8	12.6
Cimarron	6.0	15.5	65.3	32.3	28.4	**	5.9	++
Cleveland	6.9	8.6	87.3	26.0	11.5	10.1	4.4	6.3
Coal	7.8	16.1	78.4	35.9	24.9	**	9.5	26.8
Comanche	9.0	14.5	84.6	35.9	15.3	15.2	7.1	7.6
Cotton	7.7	17.0	88.4	39.5	14.6	**	6.8	++
Craig	8.2	16.6	68.5	37.9	21.1	16.1	6.4	6.4
Creek	8.3	15.2	71.5	35.9	22.1	20.2	6.7	8.6
Custer	7.0	14.8	80.2	39.8	21.3	13.1	5.5	4.8
Delaware	7.9	18.0	73.9	41.5	26.5	22.5	10.1	4.8
Dewey	5.4	9.7	65.6	31.7	15.5	-	14.7	++
Ellis	6.5	10.4	79.0	22.9	18.1	**	6.3	-
Garfield	8.2	13.7	74.0	40.0	21.3	16.2	7.8	10.4
Garvin	7.6	15.4	79.8	37.4	21.6	15.9	4.8	8.4
Grady	8.5	13.1	82.8	32.6	18.7	28.8	7.7	7.8
Grant	5.6	14.2	81.5	27.4	12.7	-	5.6	-
Greer	12.1	22.5	81.0	44.4	26.4	**	9.2	++
Harmon	9.0	22.3	80.1	51.0	33.7	**	6.9	++
Harper	7.5	12.7	71.2	30.7	24.5	-	6.7	++
Haskell	8.8	19.5	75.0	34.0	22.2	8.1	6.1	9.8
Hughes	7.5	17.9	73.1	44.5	25.5	16.7	8.1	7.8
Jackson	9.6	15.1	87.1	35.7	21.6	15.9	6.8	10.2
Jefferson	9.2	20.7	78.3	39.0	28.1	**	6.9	++
Johnston	7.3	20.7	82.7	39.4	23.9	8.7	4.8	++
Kay	7.6	16.1	67.3	46.4	27.1	11.5	9.0	7.8
Kingfisher	8.1	10.9	86.6	27.3	23.4	**	4.1	++
Kiowa	11.8	18.2	78.4	46.0	21.4	**	3.5	8.5
Latimer	7.0	19.8	75.5	38.1	25.8	16.7	4.1	14.0
Leflore	6.2	18.1	76.7	36.2	28.3	12.3	6.1	8.2

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

**Percent not computed when based on a denominator < 20.

Table 10. Percent of births by selected health indicators: Oklahoma and each County, 2002-2006

(Infant mortality rates are infant deaths per 1,000 live births.)

County	Low	Teen Births	Beginning	Unmarried	Education	Previous births		Infant
	Birthweight < 2500 gms	< 20 years	Prenatal Care 1st Trimester		< 12 grades	Age < 20 2+ births	Age > 19 4+ births	
State	8.0	13.8	77.1	38.4	23.0	16.1	7.2	8.0
Lincoln	7.8	15.8	80.3	33.8	20.3	14.6	5.7	9.9
Logan	7.0	10.4	85.8	31.5	14.5	8.3	7.1	8.7
Love	9.2	13.9	83.1	35.3	29.6	**	6.1	++
McClain	8.4	11.2	84.7	26.4	16.9	19.4	5.8	8.0
McCurtain	7.8	20.9	84.5	44.9	26.0	13.7	5.5	7.8
McIntosh	9.3	16.1	68.2	43.6	23.0	9.1	6.8	15.3
Major	10.1	8.9	81.5	25.4	16.8	**	3.2	++
Marshall	7.8	16.4	78.6	37.7	30.8	19.4	8.7	5.1
Mayes	6.8	15.1	80.2	33.2	22.8	14.5	5.9	6.1
Murray	9.9	17.0	85.4	36.5	23.9	20.0	5.9	6.1
Muskogee	8.0	16.8	72.1	43.6	27.3	13.5	6.9	6.2
Noble	5.2	10.0	77.5	32.2	16.9	-	6.6	++
Nowata	5.2	16.3	83.2	37.7	18.1	**	6.7	++
Okfuskee	8.0	17.6	73.7	40.9	26.4	-	11.1	++
Oklahoma	8.8	13.1	78.0	43.7	27.6	17.9	8.1	8.9
Okmulgee	7.5	16.9	75.8	43.8	23.4	15.4	6.8	9.5
Osage	8.0	14.6	76.4	38.5	16.6	17.5	7.5	8.8
Ottawa	7.7	17.9	67.7	42.2	25.7	20.9	7.9	7.4
Pawnee	8.4	15.3	72.5	34.5	22.9	16.7	10.4	++
Payne	6.1	10.7	76.2	28.6	14.8	13.8	6.1	7.1
Pittsburg	7.9	17.0	74.1	40.9	23.2	11.7	5.1	7.6
Pontotoc	7.9	14.3	81.2	39.8	21.7	10.5	5.0	8.3
Pottawatomie	7.7	15.9	83.1	42.2	22.4	16.8	6.8	7.3
Pushmataha	7.1	19.8	78.3	39.6	25.2	-	7.1	7.3
Roger Mills	7.4	13.5	53.3	38.6	14.8	-	5.3	++
Rogers	6.6	11.1	82.4	27.5	14.7	11.6	6.2	6.3
Seminole	8.0	19.7	76.1	49.7	25.6	12.8	10.7	9.5
Sequoyah	7.8	17.0	71.7	36.3	27.5	13.0	7.7	7.6
Stephens	7.3	14.0	77.1	32.1	19.4	25.3	5.7	8.4
Texas	6.7	15.8	62.4	38.9	46.8	13.0	8.0	5.7
Tillman	7.9	22.7	83.2	50.0	30.9	14.8	7.7	10.4
Tulsa	8.1	12.1	70.7	38.6	24.1	16.1	7.8	8.0
Wagoner	7.4	11.2	76.9	28.4	16.1	13.7	6.8	5.4
Washington	7.1	12.8	86.5	36.3	19.0	15.5	5.9	7.7
Washita	6.2	14.2	62.2	34.3	18.7	13.6	6.0	6.5
Woods	4.8	10.0	78.2	28.5	11.0	-	6.3	-
Woodward	8.9	16.1	70.8	39.2	22.3	8.2	3.7	9.3

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

**Percent not computed when based on a denominator < 20.

Table 11. County rankings for selected health indicators: Oklahoma, 2002-2006

(Lowest rank indicates best value.)

County	Low	Teen Births < 20 years	Beginning	Unmarried Births	Education	Previous births		Infant
	Birthweight < 2500 gms		Prenatal Care 1st Trimester		< 12 grades	Age < 20 2+ births	Age > 19 4+ births	Mortality Rate
Adair	47	72	61	73	76	37	54	20
Alfalfa	1	14	52	11	2	**	53	++
Atoka	67	59	39	35	26	22	10	52
Beaver	7	14	52	15	49	**	35	++
Beckham	68	40	77	56	20	32	30	6
Blaine	72	37	22	70	27	44	55	46
Bryan	31	57	30	61	53	20	7	37
Caddo	37	63	45	72	39	49	76	29
Canadian	23	3	1	5	4	52	20	16
Carter	64	49	5	53	65	51	60	9
Cherokee	17	46	69	58	63	32	63	42
Choctaw	56	72	50	76	56	28	40	53
Cimarron	8	36	73	19	71	**	20	++
Cleveland	16	1	3	3	3	6	6	11
Coal	37	42	33	28	51	**	71	56
Comanche	64	28	11	28	11	26	50	21
Cotton	34	53	2	48	7	**	40	++
Craig	54	50	67	39	28	34	34	13
Creek	56	33	63	28	35	48	37	37
Custer	17	30	26	50	29	15	14	1
Delaware	43	62	56	57	62	53	72	1
Dewey	5	4	72	15	12	**	77	++
Ellis	12	7	31	1	18	**	32	++
Garfield	54	22	55	52	29	36	60	50
Garvin	31	35	29	36	32	30	8	34
Grady	60	19	17	20	21	55	57	25
Grant	6	25	20	7	5	**	16	++
Greer	77	76	24	66	60	**	70	++
Harmon	64	75	28	77	75	**	47	++
Harper	28	17	64	13	49	**	37	++
Haskell	61	66	51	23	36	1	26	47
Hughes	28	59	58	67	53	38	66	25
Jackson	73	31	4	27	32	30	40	49
Jefferson	68	70	35	45	69	**	47	++
Johnston	24	70	18	47	46	4	8	++
Kay	31	42	71	71	63	8	69	25
Kingfisher	52	10	5	6	44	**	4	++
Kiowa	76	65	33	69	31	**	2	36
Latimer	17	68	49	40	58	38	4	54
Leflore	10	63	43	31	70	11	26	32

++ Rank not computed when associated rate is based on fewer than 5 events.

**Rank not computed when associated percent is based on a denominator < 20.

Table 11. County rankings for selected health indicators: Oklahoma, 2002-2006

(Lowest rank indicates best value.)

County	<i>Low</i>	<i>Teen Births</i> < 20 years	<i>Beginning</i>	<i>Unmarried</i> Births	<i>Education</i>	<i>Previous births</i>		<i>Infant</i> Mortality Rate
	<i>Birthweight</i> < 2500 gms		<i>Prenatal Care</i> 1st Trimester		< 12 grades	<i>Age < 20</i> 2+ births	<i>Age > 19</i> 4+ births	
Lincoln	37	38	25	22	25	24	17	48
Logan	17	7	8	14	6	3	50	39
Love	68	23	15	26	72	**	26	++
McClain	58	12	10	4	16	45	19	29
McCurtain	37	74	12	68	59	18	14	25
McIntosh	71	42	68	62	42	5	40	55
Major	75	2	20	2	15	**	1	++
Marshall	37	48	32	37	73	45	68	3
Mayes	15	31	26	21	40	23	20	7
Murray	74	53	9	34	46	47	20	7
Muskogee	47	51	60	62	66	16	47	9
Noble	3	5	40	18	16	**	35	++
Nowata	3	47	13	37	18	**	37	++
Okfuskee	47	58	57	54	60	**	75	++
Oklahoma	61	19	38	64	68	43	66	41
Okmulgee	28	52	48	65	44	27	40	44
Osage	47	29	44	41	14	42	55	40
Ottawa	34	59	69	59	56	50	63	19
Pawnee	58	34	59	25	41	38	73	++
Payne	9	9	46	11	9	20	26	15
Pittsburg	43	53	54	54	43	10	12	21
Pontotoc	43	27	23	50	34	7	11	33
Pottawatomie	34	40	15	59	38	41	40	17
Pushmataha	21	68	35	49	52	**	50	17
Roger Mills	26	21	76	42	9	**	13	++
Rogers	13	11	19	8	8	9	30	11
Seminole	47	67	47	74	55	12	74	44
Sequoyah	37	53	61	32	67	13	57	21
Stephens	24	24	41	17	24	54	17	34
Texas	14	38	74	44	77	13	65	5
Tillman	43	77	13	75	74	25	60	29
Tulsa	52	16	66	42	48	34	60	29
Wagoner	26	12	42	9	13	18	40	4
Washington	21	18	7	32	23	28	20	24
Washita	10	25	75	24	21	17	25	14
Woods	2	5	37	10	1	**	32	++
Woodward	63	42	65	46	37	2	3	42

++ Rank not computed when associated rate is based on fewer than 5 events.

**Rank not computed when associated percent is based on a denominator < 20.

Table 12. Number of births by age of mother: Oklahoma and selected cities, 2006

Resident city	Age of mother								Unk	Total
	10-14 years	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-54 years		
State	96	2,281	4,944	17,998	15,426	8,709	3,785	724	5	54,010
Ada	2	27	52	158	120	51	32	2	-	444
Adair	-	1	3	14	27	12	3	-	-	60
Altus	1	16	41	141	115	78	10	9	-	411
Alva	-	1	8	25	20	8	1	-	-	63
Anadarko	1	7	17	53	43	16	3	-	-	140
Antlers	-	3	2	18	13	5	1	-	-	42
Ardmore	2	21	50	180	126	60	36	4	-	479
Atoka	-	6	16	35	16	11	5	1	-	90
Bartlesville	-	19	48	150	120	75	32	8	-	452
Bethany	-	10	23	69	83	52	17	2	-	256
Bixby	-	4	10	38	73	64	31	5	-	225
Blackwell	-	6	13	54	30	7	5	-	-	115
Bristow	-	1	6	29	14	8	4	-	-	62
Broken Arrow	-	30	49	289	459	333	138	29	-	1,327
Broken Bow	-	8	11	39	13	13	2	-	-	86
Catoosa	-	6	10	27	24	12	2	-	-	81
Chandler	-	5	4	22	14	7	2	-	-	54
Checotah	-	2	5	21	15	4	3	-	-	50
Chickasha	-	15	42	100	74	34	9	2	-	276
Choctaw	-	3	12	53	52	28	12	3	-	163
Claremore	1	13	34	126	86	40	19	2	-	321
Cleveland	-	6	3	16	9	5	4	-	-	43
Clinton	1	12	21	60	44	20	8	2	-	168
Collinsville	-	2	6	53	59	29	13	1	-	163
Coweta	1	8	11	49	37	25	13	2	-	146
Cushing	-	5	16	60	33	22	3	1	-	140
Davis	-	4	1	16	11	12	2	-	-	46
Del City	-	16	38	150	110	35	15	4	2	370
Dewey	-	1	5	8	26	4	1	2	-	47
Drumright	-	1	8	13	9	5	3	-	-	39
Duncan	-	19	35	121	106	34	17	4	-	336
Durant	1	15	37	116	56	28	8	2	-	263
Edmond	-	15	49	255	521	460	197	33	-	1,530
El Reno	1	13	29	107	67	32	11	1	-	261
Elk City	-	9	26	84	69	31	11	5	-	235
Enid	2	32	88	306	282	117	44	12	-	883
Eufaula	1	1	8	19	10	4	1	-	-	44
Fairview	-	1	4	10	16	3	5	1	-	40
Fort Gibson	-	1	5	22	16	8	4	1	-	57
Frederick	-	5	11	27	20	8	5	-	-	76
Glenpool	-	2	8	44	54	22	6	2	-	138
Grove	-	3	8	36	16	10	3	1	-	77
Guthrie	-	3	25	59	58	17	16	4	-	182
Guymon	-	15	25	87	74	44	8	3	-	256

- Denotes no events in that category.

Table 12. Number of births by age of mother: Oklahoma and selected cities, 2006

Resident city	Age of mother								Unk	Total
	10-14 years	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-54 years		
Harrah	-	3	9	32	25	8	4	-	-	81
Healdton	-	1	4	18	10	8	2	3	-	46
Heavener	1	9	12	42	21	6	5	2	-	98
Henryetta	1	8	18	45	23	6	4	3	-	108
Hobart	-	2	8	14	12	3	2	-	-	41
Holdenville	1	7	13	28	19	11	6	-	-	85
Hollis	-	5	5	14	8	3	1	-	-	36
Hugo	-	8	15	51	12	6	5	1	-	98
Idabel	-	13	28	37	27	13	9	-	-	127
Jenks	-	3	2	31	108	78	27	5	-	254
Kingfisher	-	2	8	26	27	12	8	2	-	85
Lawton	2	44	147	590	417	190	99	15	-	1,504
Lindsay	-	-	6	18	9	4	1	-	-	38
Lone Grove	-	6	10	26	9	9	3	-	-	63
Madill	-	7	14	32	17	19	6	1	-	96
Mangum	-	3	6	17	8	4	4	-	-	42
Marlow	-	3	7	26	13	12	6	1	-	68
McAlester	-	18	37	133	75	32	12	1	-	308
McLoud	-	5	7	38	26	14	8	2	-	100
Miami	-	6	30	93	69	34	15	2	-	249
Midwest City	2	37	80	366	285	139	44	5	-	958
Moore	1	15	46	270	349	137	55	14	-	887
Muldrow	-	2	3	22	14	14	6	6	-	67
Muskogee	4	34	84	231	164	96	36	5	-	654
Mustang	-	6	8	57	80	59	20	5	-	235
New Cordell	-	3	7	14	8	5	2	-	-	39
Newcastle	-	1	3	11	21	13	5	1	-	55
Nichols Hills	-	-	-	-	1	1	1	2	-	5
Noble	-	1	11	35	35	8	6	1	-	97
Norman	-	27	86	345	409	291	121	23	-	1,302
Nowata	-	2	8	18	13	3	4	1	-	49
Okemah	-	3	12	20	19	6	3	-	-	63
Oklahoma City	23	408	772	2,914	2,457	1,394	639	124	-	8,732
Okmulgee	-	10	33	94	54	15	3	3	-	212
Owasso	-	11	20	78	111	77	38	9	1	345
Pauls Valley	-	5	12	48	22	17	7	1	-	112
Pawhuska	-	4	5	26	15	7	3	-	-	60
Perry	-	4	2	29	16	14	2	3	-	70
Piedmont	-	2	-	16	38	20	15	-	-	91
Pocola	-	1	3	26	17	5	4	-	-	56
Ponca City	-	27	45	149	130	60	18	8	-	437
Poteau	2	6	27	60	42	19	7	2	-	165
Pryor Creek	-	5	27	80	37	16	9	1	-	175
Purcell	-	2	14	22	27	13	7	1	-	86
Sallisaw	-	12	20	66	52	18	11	1	-	179

- Denotes no events in that category.

Table 12. Number of births by age of mother: Oklahoma and selected cities, 2006

<i>Resident city</i>	<i>Age of mother</i>								<i>Unk</i>	<i>Total</i>
	<i>10-14 years</i>	<i>15-17 years</i>	<i>18-19 years</i>	<i>20-24 years</i>	<i>25-29 years</i>	<i>30-34 years</i>	<i>35-39 years</i>	<i>40-54 years</i>		
Sand Springs	1	5	23	85	73	43	20	6	-	256
Sapulpa	2	15	33	83	95	44	20	2	-	294
Sayre	-	1	5	18	12	7	-	1	-	44
Seminole	-	7	26	55	27	18	8	1	-	142
Shawnee	3	29	52	193	134	58	27	4	-	500
Skiatook	-	4	13	45	30	16	11	-	-	119
Spencer	1	4	11	33	23	8	3	1	-	84
Stigler	-	4	7	27	15	5	1	-	-	60
Stillwater	-	9	27	166	160	92	37	11	-	502
Stilwell	2	8	12	39	18	10	2	2	1	94
Stroud	-	2	2	11	11	4	4	-	-	34
Sulphur	-	10	10	25	20	12	6	-	-	83
Tahlequah	1	20	31	97	80	42	12	2	-	285
Tecumseh	-	7	10	33	19	14	8	1	-	92
The Village	-	1	-	2	3	5	-	-	-	11
Tishomingo	-	5	14	27	7	7	4	-	-	64
Tonkawa	1	-	6	9	12	7	-	-	-	35
Tulsa	17	325	621	2,190	1,862	1,192	553	113	-	6,873
Tuttle	-	-	2	18	23	18	9	1	-	71
Vinita	-	4	18	37	15	9	3	4	-	90
Wagoner	-	4	18	68	36	10	5	1	-	142
Walters	-	2	9	7	11	5	2	-	-	36
Warr Acres	-	2	9	35	36	6	8	2	-	98
Watonga	-	3	8	20	13	8	3	-	-	55
Weatherford	-	6	9	76	49	19	5	-	-	164
Wewoka	-	1	5	13	13	6	3	1	-	42
Wilburton	-	4	8	24	9	2	2	-	-	49
Woodward	-	16	27	88	57	30	13	1	-	232
Yukon	1	11	32	169	281	161	64	12	-	731
Other/Unk	16	598	1,258	4,634	3,691	2,038	894	197	1	13,327

Table 13. Number of births by race and Hispanic origin of mother: Oklahoma and selected cities, 2006

(Estimates provided by the U.S. Census Bureau)

<i>Resident city</i>	<i>Race of mother</i>					<i>Total</i>	<i>2006 Population Estimate</i>
	<i>White</i>	<i>Black</i>	<i>Am. Indian</i>	<i>Asian/Pac Isl</i>	<i>Hispanic¹</i>		
State	41,838	4,997	6,064	1,111	7,065	54,010	3,579,212
Ada	289	15	139	1	20	444	15,919
Adair	57	-	3	-	1	60	714
Altus	347	35	12	17	125	411	19,525
Alva	63	-	-	-	6	63	4,808
Anadarko	38	5	96	1	22	140	6,534
Antlers	32	-	8	2	1	42	2,489
Ardmore	360	51	63	5	43	479	24,535
Atoka	62	10	18	-	-	90	3,035
Bartlesville	368	14	65	5	32	452	34,885
Bethany	206	32	11	7	37	256	19,559
Bixby	207	1	12	5	20	225	19,294
Blackwell	105	-	9	1	14	115	7,193
Bristow	46	5	10	1	2	62	4,391
Broken Arrow	1,133	45	93	56	88	1,327	88,314
Broken Bow	56	7	22	1	4	86	4,220
Catoosa	72	-	9	-	6	81	6,608
Chandler	48	4	2	-	-	54	2,872
Checotah	42	2	6	-	-	50	3,514
Chickasha	238	17	18	3	24	276	17,163
Choctaw	155	1	7	-	3	163	10,803
Claremore	252	2	65	2	18	321	17,314
Cleveland	40	-	3	-	3	43	3,238
Clinton	133	14	20	1	52	168	8,448
Collinsville	144	3	13	3	4	163	4,505
Coweta	122	5	18	1	8	146	8,675
Cushing	132	1	6	-	6	140	8,456
Davis	38	1	7	-	1	46	2,663
Del City	245	84	30	11	23	370	21,904
Dewey	34	1	12	-	-	47	3,287
Drumright	37	-	2	-	-	39	2,894
Duncan	315	12	6	3	39	336	22,487
Durant	210	6	44	3	31	263	15,050
Edmond	1,282	129	43	76	96	1,530	76,644
El Reno	194	14	53	-	36	261	16,222
Elk City	217	7	10	1	22	235	11,002
Enid	809	21	19	34	119	883	46,514
Eufaula	29	6	9	-	-	44	2,779
Fairview	39	1	-	-	2	40	2,609
Fort Gibson	43	-	14	-	5	57	4,294
Frederick	64	7	4	1	20	76	4,173
Glenpool	112	7	17	2	4	138	9,142

¹ Hispanic births are of any race.

- Denotes no events in that category.

Table 13. Number of births by race and Hispanic origin of mother: Oklahoma and selected cities, 2006

(Estimates provided by the U.S. Census Bureau)

<i>Resident city</i>	<i>Race of mother</i>					<i>Total</i>	<i>2006 Population Estimate</i>
	<i>White</i>	<i>Black</i>	<i>Am. Indian</i>	<i>Asian/Pac Isl</i>	<i>Hispanic¹</i>		
Grove	57	-	19	1	1	77	6,011
Guthrie	158	19	5	-	7	182	10,924
Guymon	253	-	-	3	172	256	10,696
Harrah	70	3	6	2	3	81	4,970
Healdton	42	1	3	-	2	46	2,773
Heavener	90	-	8	-	54	98	3,265
Henryetta	87	-	21	-	3	108	6,100
Hobart	30	5	5	1	4	41	3,771
Holdenville	58	2	25	-	4	85	5,564
Hollis	29	6	1	-	18	36	2,095
Hugo	59	15	24	-	3	98	5,573
Idabel	70	29	27	1	16	127	6,918
Jenks	214	5	22	13	14	254	14,123
Kingfisher	80	1	4	-	16	85	4,497
Lawton	979	334	130	61	206	1,504	87,540
Lindsay	34	-	4	-	-	38	2,915
Lone Grove	57	-	6	-	2	63	5,156
Madill	81	2	13	-	41	96	3,698
Mangum	41	1	-	-	11	42	2,721
Marlow	65	-	3	-	1	68	4,566
McAlester	234	14	57	3	18	308	18,333
McLoud	86	-	13	1	2	100	4,153
Miami	165	2	65	17	18	249	13,635
Midwest City	683	219	34	22	53	958	55,161
Moore	796	36	38	17	60	887	49,277
Muldrow	51	-	12	4	5	67	3,202
Muskogee	424	111	112	7	64	654	40,004
Mustang	222	3	7	3	15	235	16,443
New Cordell	38	-	1	-	1	39	2,908
Newcastle	50	1	3	1	2	55	6,688
Nichols Hills	5	-	-	-	1	5	3,990
Noble	86	-	9	2	2	97	5,591
Norman	1,057	68	101	76	112	1,302	102,827
Nowata	34	2	13	-	-	49	4,005
Okemah	34	3	25	1	1	63	2,973
Oklahoma City	6,306	1,711	420	295	2,433	8,732	537,734
Okmulgee	138	30	44	-	8	212	12,829
Owasso	300	9	23	13	33	345	24,938
Pauls Valley	92	8	12	-	23	112	6,186
Pawhuska	33	2	25	-	-	60	3,499
Perry	66	-	2	2	1	70	5,068
Piedmont	88	-	2	1	1	91	5,008
Pocola	50	1	4	1	-	56	4,435

¹ Hispanic births are of any race.

- Denotes no events in that category.

Table 13. Number of births by race and Hispanic origin of mother: Oklahoma and selected cities, 2006

(Estimates provided by the U.S. Census Bureau)

<i>Resident city</i>	<i>Race of mother</i>					<i>Total</i>	<i>2006 Population Estimate</i>
	<i>White</i>	<i>Black</i>	<i>Am. Indian</i>	<i>Asian/ Pac Isl</i>	<i>Hispanic¹</i>		
Ponca City	354	18	59	6	40	437	24,710
Poteau	134	-	28	3	22	165	8,304
Pryor Creek	123	2	47	3	7	175	9,294
Purcell	73	1	11	1	20	86	5,968
Sallisaw	143	2	34	-	11	179	8,736
Sand Springs	218	5	30	3	13	256	18,246
Sapulpa	254	6	33	1	12	294	20,871
Sayre	43	-	1	-	7	44	2,872
Seminole	98	8	36	-	4	142	6,950
Shawnee	363	19	114	4	21	500	29,989
Skiatook	90	1	27	1	4	119	6,363
Spencer	18	60	5	1	2	84	3,918
Stigler	46	-	13	1	1	60	2,814
Stillwater	412	34	29	27	24	502	44,818
Stilwell	35	-	59	-	10	94	3,516
Stroud	30	-	4	-	1	34	2,775
Sulphur	69	2	12	-	8	83	4,907
Tahlequah	172	2	110	1	51	285	16,237
Tecumseh	69	3	20	-	3	92	6,643
The Village	9	2	-	-	1	11	9,772
Tishomingo	41	1	22	-	3	64	3,238
Tonkawa	28	-	7	-	1	35	3,105
Tulsa	4,937	1,313	480	143	1,600	6,873	382,872
Tuttle	67	-	3	1	3	71	5,704
Vinita	62	1	26	1	4	90	5,992
Wagoner	99	19	24	-	4	142	8,001
Walters	26	-	10	-	1	36	2,563
Warr Acres	78	14	6	-	25	98	9,426
Watonga	39	3	13	-	8	55	5,609
Weatherford	145	-	19	-	20	164	9,938
Wewoka	21	7	14	-	1	42	3,391
Wilburton	34	2	13	-	1	49	2,905
Woodward	225	1	6	-	29	232	12,033
Yukon	655	9	29	38	37	731	22,279
Other/Unk	10,614	254	2,374	85	697	13,327	-

¹ Hispanic births are of any race.

- Denotes no events in that category.

Table 14. Risk factors and other data from birth certificate check boxes: Oklahoma, 2006

<i>Risk Factors</i>	<i>Count</i>	<i>Delivery Method</i>	<i>Count</i>
Anemia (HCT < 30/HGB < 10)	857	Vaginal	35,416
Cardiac Disease	192	Vaginal after C-Section	238
Lung Disease	337	Primary C-Section	10,012
Diabetes	2,083	Repeat C-Section	8,209
Genital Herpes	372	Forceps	675
Hydramnios/Oligohydramios	582	Vacuum	2,228
Hemoglobinopathy	44	Blank/Unknown	135
Hypertension, Chronic	615	<i>Type/Method Count</i>	56,778
Hypertension, Preg. Assoc.	2,287	<i>Deliveries Reported</i>	53,875
Eclampsia	167		
Incompetent Cervix	84		
Previous Infant > 4000 gms.	367		
Previous Preterm Infant	737		
Renal Disease	48		
RH Sensitization	549		
Uterine Bleeding	158		
Other	9,579		
Blank/Unknown	38,703		
<i>Risk Count</i>	19,058		
<i>Patient Count</i>	15,307		
<i>Complications</i>	<i>Count</i>	<i>Abnormal Conditions</i>	<i>Count</i>
Febrile (> 100 F)	401	Anemia (HCT < 39/HGB < 13)	45
Meconium, Moderate/Heavy	1,500	Birth Injury	61
Pre. Ruptured Membrane	935	Fetal Alcohol Syndrome	5
Abruptio Placenta	272	Fetal Alcohol Syndrome	5
Placenta Previa	130	Hyline Membrane Disease/Rds.	537
Other Excessive Bleeding	149	Meconium Aspiration Syndrome	61
Seizures During Labor	22	Assisted Ventilation (< 30 min.)	708
Precipitous Labor < 3 hrs	692	Assisted Ventilation (> 30 min.)	758
Prolonged Labor > 20 hrs	225	Seizures	21
Dysfunctional Labor	658	Other	1,680
Breech/Malpresentation	2,033	Blank/Unknown	50,976
Cephalopelvic Disproportion	881	<i>Abnormal Count</i>	3,876
Cord Prolapse	91	<i>Patient Count</i>	3,034
Anesthetic Complication	16		
Fetal Distress	1,922		
Other	7,332		
Blank/Unknown	39,931		
<i>Complication Count</i>	17,259		
<i>Patient Count</i>	14,079		
<i>OB Procedures</i>	<i>Count</i>	<i>Congenital Anomalies</i>	<i>Count</i>
Amniocentesis	243	Anencephalus	8
Electronic Fetal Monitor	47,648	Spina Bifida/Meningocele	8
Induction of Labor	14,556	Hydrocephalus	9
Stimulation of Labor	5,341	Microcephalus	6
Tocolysis	1,622	Other Central Nervous System Anomalies	13
Ultrasound	36,470	Heart Malformation	34
Other	2,021	Other Circulatory/Respiratory	58
Blank/Unknown	3,381	Rectal Atresia/Stenosis	1
<i>Procedure Count</i>	107,901	Traceo-Esophageal Atresia	6
<i>Patient Count</i>	50,629	Omphalocele/Gastroschisis	20
		Other Gastrointestinal Anomalies	10
		Malformed Genitalia	11
		Renal Agenesis	5
		Other Urogenital Anomalies	53
		Cleft Lip/Palate	59
		Polydactyly/Syndactyly/Adactyly	40
		Club Foot	37
		Diaphragmatic Hernia	10
		Other Musculoskeletal/Integumental Anomalies	69
		Down's Syndrome	19
		Other Chromosomal Anomalies	21
		Other	201
		Blank/Unknown	53,421
		<i>Anomaly Count</i>	698
		<i>Patient Count</i>	589
		Total Births	54,010

Table 15. Number and percent of births by age of mother and selected characteristics: Oklahoma, 2006

Characteristic	Total	Age of mother								Unk
		10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-54 years	
Total	54,010	96	7,225	17,998	15,426	8,709	3,785	724	42	5
<i>Race/ethnicity of mother</i>										
White	41,838	62	5,072	13,591	12,271	7,086	3,130	588	33	5
Black	4,997	16	968	1,878	1,257	576	248	54	-	-
Am. Indian	6,064	18	1,130	2,324	1,563	704	272	48	5	-
Asian/Pacific islander	1,111	-	55	205	335	343	135	34	4	-
Hispanic ¹	7,065	31	1,131	2,331	1,892	1,075	506	97	2	-
<i>Marital status</i>										
Married	31,912	2	1,483	8,812	10,963	6,990	3,064	561	34	3
Not married	22,077	94	5,739	9,179	4,458	1,715	719	163	8	2
Unknown	21	-	3	7	5	4	2	-	-	-
Percent Not Married	40.9	97.9	79.5	51.0	28.9	19.7	19.0	22.5	19.0	++
<i>Education of mother</i>										
0-8 years	2,650	80	505	764	650	406	193	51	1	-
9-11 years	9,553	16	3,457	3,474	1,716	606	234	49	1	-
12 years	20,120	-	2,875	8,494	5,271	2,278	977	213	11	1
13-15 years	11,287	-	347	4,101	3,769	2,047	847	165	9	2
16+ years	10,146	-	5	1,075	3,959	3,331	1,514	242	20	-
Unknown	254	-	36	90	61	41	20	4	-	2
Percent less than 12 years education	22.7	100.0	55.1	23.7	15.4	11.7	11.3	13.9	4.8	-
<i>Birthweight</i>										
< 1500 grams	866	2	122	277	227	139	79	18	2	-
1500-2499 grams	3,642	4	569	1,204	927	595	285	53	4	1
2500-3999 grams	45,716	87	6,195	15,425	13,117	7,194	3,093	573	29	3
4000 and over	3,760	3	336	1,086	1,147	774	326	80	7	1
Unknown	25	-	3	6	8	6	2	-	-	-
Percent < 1500 grams	1.6	2.1	1.7	1.5	1.5	1.6	2.1	2.5	++	-
Percent < 2500 grams	8.4	6.3	9.6	8.2	7.5	8.4	9.6	9.8	14.3	-
<i>Plurality</i>										
Single birth	52,476	96	7,124	17,587	14,949	8,367	3,596	710	42	5
Multiple birth	1,531	-	101	411	476	341	188	14	-	-
Unknown	3	-	-	-	1	1	1	-	-	-
<i>Live-birth order</i>										
1st birth	20,668	94	5,657	8,001	4,488	1,688	614	115	10	1
2nd birth	17,059	2	1,325	6,199	5,298	2,961	1,097	167	10	-
3rd birth	9,782	-	211	2,747	3,499	2,140	1,000	176	8	1
4th birth	4,069	-	23	772	1,448	1,132	563	125	5	1
5th or more	2,365	-	2	260	678	776	502	138	9	-
Unknown	67	-	7	19	15	12	9	3	-	2
<i>Trimester prenatal care began</i>										
1st trimester	39,943	43	4,583	12,690	12,045	6,947	3,070	537	26	2
2nd trimester	9,618	35	1,882	3,664	2,247	1,183	486	110	11	-
3rd trimester	2,463	13	430	952	620	300	104	41	2	1
No care	781	-	128	274	192	105	60	20	2	-
Unknown	1,205	5	202	418	322	174	65	16	1	2
Percent 1st Trimester Care	75.6	47.3	65.3	72.2	79.7	81.4	82.5	75.8	63.4	++

¹ Hispanic may be of any race
 - Denotes no events in that category.

Table 15. Number and percent of births by age of mother and selected characteristics: Oklahoma, 2006

Characteristic	Total	Age of mother								Unk
		10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-54 years	
Total	54,010	96	7,225	17,998	15,426	8,709	3,785	724	42	5
<i>Number of prenatal care visits</i>										
No visits	830	1	138	289	203	111	65	21	2	-
1-4 visits	2,413	13	445	920	567	296	132	37	2	1
5-9 visits	14,555	38	2,342	5,230	3,749	2,090	909	184	13	-
10-12 visits	21,784	27	2,638	7,071	6,407	3,748	1,598	281	13	1
13+ visits	13,733	15	1,549	4,250	4,304	2,362	1,049	192	11	1
Unknown	695	2	113	238	196	102	32	9	1	2
Percent with 10 or more visits	66.6	44.7	58.9	63.7	70.3	71.0	70.5	66.2	58.5	++
<i>Adequacy of prenatal care</i>										
1st trimester and 10 or more visits	30,808	31	3,354	9,528	9,543	5,500	2,410	421	19	2
Intermediate care	18,028	43	2,978	6,553	4,581	2,538	1,103	215	17	-
Little care	725	4	133	273	168	92	43	11	1	-
Late care	2,463	13	430	952	620	300	104	41	2	1
No care	781	-	128	274	192	105	60	20	2	-
Unknown	1,205	5	202	418	322	174	65	16	1	2
Percent 1st trimester and 10 or more visits	58.3	34.1	47.8	54.2	63.2	64.4	64.8	59.5	46.3	++
Percent late, little, or no care	7.5	18.7	9.8	8.5	6.5	5.8	5.6	10.2	12.2	++
<i>Tobacco use during pregnancy</i>										
No	45,079	94	5,860	14,258	13,048	7,779	3,363	639	35	3
Yes	8,859	2	1,356	3,711	2,359	921	419	84	7	-
Unknown	72	-	9	29	19	9	3	1	-	2
Percent with tobacco use	16.4	2.1	18.8	20.7	15.3	10.6	11.1	11.6	16.7	++
<i>Alcohol use during pregnancy</i>										
No	53,432	95	7,167	17,850	15,238	8,602	3,721	714	42	3
Yes	260	-	28	70	73	52	31	6	-	-
Unknown	318	1	30	78	115	55	33	4	-	2
Percent with alcohol use	0.5	++	0.4	0.4	0.5	0.6	0.8	0.8	++	++
<i>Method of Delivery</i>										
Vaginal Birth	35,416	74	5,336	12,290	10,033	5,260	2,051	346	22	4
Vaginal Birth after previous C-section	238	-	15	50	82	54	31	6	-	-
Primary C-section	10,012	21	1,577	3,314	2,625	1,535	754	174	12	-
Repeat C-section	8,209	-	275	2,290	2,653	1,845	943	195	8	-
Unknown	135	1	22	54	33	15	6	3	-	1
Percent with C-section	33.8	22.1	25.7	31.2	34.3	38.9	44.9	51.2	47.6	++

¹ Hispanic may be of any race
 - Denotes no events in that category.

Table 16. Number and percent of births by race of mother and selected characteristics: Oklahoma, 2006

<i>Characteristic</i>	<i>Race of mother</i>					
	<i>Total</i>	<i>White</i>	<i>Black</i>	<i>Am. Indian</i>	<i>Asian Pac Isl</i>	<i>Hispanic¹</i>
Total	54,010	41,838	4,997	6,064	1,111	7,065
<i>Age of mother</i>						
10-14 years	96	62	16	18	-	31
15-19 years	7,225	5,072	968	1,130	55	1,131
20-24 years	17,998	13,591	1,878	2,324	205	2,331
25-29 years	15,426	12,271	1,257	1,563	335	1,892
30-34 years	8,709	7,086	576	704	343	1,075
35-39 years	3,785	3,130	248	272	135	506
40-44 years	724	588	54	48	34	97
45-54 years	42	33	-	5	4	2
Unknown	5	5	-	-	-	-
<i>Marital Status</i>						
Married	31,912	26,989	1,215	2,792	916	3,636
Not married	22,077	14,833	3,780	3,269	195	3,424
Unknown	21	16	2	3	-	5
Percent not married	40.9	35.5	75.7	53.9	17.6	48.5
<i>Education of mother</i>						
0-8 years	2,650	2,338	89	187	36	1,784
9-11 years	9,553	7,108	976	1,388	81	2,154
12 years	20,120	14,914	2,199	2,680	327	2,069
13-15 years	11,287	8,696	1,205	1,161	225	661
16+ years	10,146	8,593	509	606	438	338
Unknown	254	189	19	42	4	59
Percent less than 12 years education	22.7	22.7	21.4	26.2	10.6	56.2
<i>Birthweight</i>						
< 1500 grams	866	600	172	79	15	90
1500-2499 grams	3,643	2,623	591	352	77	377
2500-3999 grams	45,716	35,573	4,058	5,109	976	6,086
4000 and over	3,760	3,027	172	518	43	508
Unknown	25	15	4	6	-	4
Percent < 1500 grams	1.6	1.4	3.4	1.3	1.4	1.3
Percent < 2500 grams	8.4	7.7	15.3	7.1	8.3	6.6
<i>Plurality</i>						
Single birth	52,476	40,640	4,814	5,935	1,087	6,905
Multiple birth	1,531	1,196	183	128	24	160
Unknown	3	2	-	1	-	-
<i>Live-birth order</i>						
1st birth	20,668	16,014	1,840	2,331	483	2,301
2nd birth	17,059	13,472	1,403	1,814	370	2,110
3rd birth	9,782	7,547	971	1,121	143	1,480
4th birth	4,069	3,098	429	475	67	719
5th birth	2,365	1,653	350	315	47	448
Unknown	67	54	4	8	1	7

¹ Hispanic births are of any race.

- Denotes no events in that category.

Table 16. Number and percent of births by race of mother and selected characteristics: Oklahoma, 2006

<i>Characteristic</i>	<i>Total</i>	<i>Race of mother</i>					<i>Hispanic¹</i>
		<i>White</i>	<i>Black</i>	<i>Am. Indian</i>	<i>Asian Pac Isl</i>		
Total	54,010	41,838	4,997	6,064	1,111	7,065	
<i>Trimester prenatal care began</i>							
1st trimester	39,943	31,578	3,402	4,147	816	4,475	
2nd trimester	9,618	7,039	1,111	1,288	180	1,921	
3rd trimester	2,463	1,805	267	329	62	364	
No care	781	560	101	101	19	171	
Unknown	1,205	856	116	199	34	134	
Percent 1st trimester care	75.6	77.1	69.7	70.7	75.8	64.6	
<i>Number of prenatal care visits</i>							
No visits	830	592	110	106	22	176	
1-4 visits	2,413	1,615	341	389	68	479	
5-9 visits	14,555	10,946	1,512	1,798	299	2,435	
10-12 visits	21,784	17,267	1,883	2,164	470	2,581	
13+ visits	13,733	10,921	1,070	1,506	236	1,308	
Unknown	695	497	81	101	16	86	
Percent with 10 or more visits	66.6	68.2	60.1	61.5	64.5	55.7	
<i>Adequacy of prenatal care</i>							
1st trimester and 10 or more visits	30,797	24,545	2,507	3,115	630	3,148	
Intermediate care	18,028	13,570	1,896	2,207	355	3,114	
Little care	725	491	110	113	11	134	
Late care	2,463	1,805	267	329	62	364	
No care	781	560	101	101	19	171	
Unknown	1,205	856	116	199	34	134	
Percent 1st trimester and 10 or more visits	58.3	59.9	51.4	53.1	58.5	45.4	
Percent late, little, or no care	7.5	7.0	9.8	9.3	8.5	9.7	
<i>Method of Delivery</i>							
Vaginal birth	35,416	27,600	3,216	3,864	736	4,992	
Vaginal birth after previous C-section	238	185	23	23	7	44	
Primary C-section	10,012	7,714	961	1,114	223	979	
Repeat C-section	8,209	6,240	784	1,040	145	1,029	
Unknown	135	99	13	23	-	21	
Percent C-section	33.8	33.4	35.0	35.7	33.1	28.5	
<i>Tobacco use during pregnancy</i>							
No	45,079	34,857	4,246	4,910	1,066	6,776	
Yes	8,859	6,927	742	1,145	45	281	
Unknown	72	54	9	9	-	8	
Percent with tobacco use	16.4	16.6	14.9	18.9	4.1	4.0	
<i>Alcohol use during pregnancy</i>							
No	53,432	41,354	4,962	6,012	1,104	7,020	
Yes	260	206	17	33	4	19	
Unknown	317	278	18	19	2	26	
Percent with alcohol use	0.5	0.5	0.3	0.5	0.4	0.3	

¹ Hispanic births are of any race.

- Denotes no events in that category.

Table 17. Number and percent of births by birthweight and selected characteristics: Oklahoma, 2006

Characteristic	Total	Birthweight				Unk	Total	
		< 1500 grams	1500-2499 grams	2500-3999 grams	4000 grams or more		< 2500 grams	Number
Total	54,010	866	3,643	45,716	3,760	25	4,509	8.4
<i>Race/ethnicity of mother</i>								
White	41,838	600	2,623	35,573	3,027	15	3,223	7.7
Black	4,997	172	591	4,058	172	4	763	15.3
American Indian	6,064	79	352	5,109	518	6	431	7.1
Asian/Pacific Islander	1,111	15	77	976	43	-	92	8.3
Hispanic ¹	7,065	90	377	6,086	508	4	467	6.6
<i>Age of mother</i>								
10-14 years	96	2	4	87	3	-	6	6.3
15-19 years	7,225	122	569	6,195	336	3	691	9.6
20-24 years	17,998	277	1,204	15,425	1,086	6	1,481	8.2
25-29 years	15,428	227	927	13,119	1,147	8	1,154	7.5
30-34 years	8,709	139	596	7,194	774	6	735	8.4
35-39 years	3,785	79	285	3,093	326	2	364	9.6
40-44 years	724	18	53	573	80	-	71	9.8
45-54 years	42	2	4	29	7	-	6	14.3
Unknown	5	-	1	3	1	-	1	-
<i>Marital Status</i>								
Married	31,912	426	1,822	27,084	2,567	13	2,248	7.0
Not married	22,077	440	1,820	18,617	1,189	11	2,260	10.2
Unknown	21	-	1	15	4	1	1	5.0
<i>Education of mother</i>								
0-8 years	2,650	35	171	2,256	188	-	206	7.8
9-11 years	9,553	174	763	8,132	480	4	937	9.8
12 years	20,120	337	1,402	17,015	1,354	12	1,739	8.6
13-15 years	11,287	177	751	9,495	862	2	928	8.2
16+ years	10,146	138	528	8,615	860	5	666	6.6
Unknown	254	5	28	203	16	2	33	13.1
<i>Plurality</i>								
Single birth	52,476	664	2,923	45,104	3,760	25	3,587	6.8
Multiple birth	1,531	202	720	609	-	-	922	60.2
Unknown	3	-	-	3	-	-	-	-
<i>Live-birth order</i>								
1st birth	20,668	374	1,415	17,658	1,211	10	1,789	8.7
2nd birth	17,059	227	1,005	14,530	1,288	9	1,232	7.2
3rd birth	9,782	147	670	8,265	696	4	817	8.4
4th birth	4,069	71	302	3,357	337	2	373	9.2
5th birth	2,365	43	241	1,859	222	-	284	12.0
Unknown	67	4	10	47	6	-	14	20.9
<i>Gestational age</i>								
< 37 weeks	5,929	854	2,355	2,667	46	7	3,209	54.2
37-39 weeks	32,646	8	1,114	29,626	1,891	7	1,122	3.4
40 weeks or more	15,239	2	159	13,266	1,808	4	161	1.1
Unknown	196	2	15	157	15	7	17	9.0

¹ Hispanic births are of any race.

- Denotes no events in that category.

Table 17. Number and percent of births by birthweight and selected characteristics: Oklahoma, 2006

Characteristic	Total	Birthweight				Unk	Total	
		< 1500 grams	1500-2499 grams	2500-3999 grams	4000 grams or more		< 2500 grams	
							Number	Percent
Total	54,010	866	3,643	45,716	3,760	25	4,509	8.4
<i>Trimester prenatal care began</i>								
1st trimester	39,943	654	2,592	33,795	2,886	16	3,246	8.1
2nd trimester	9,618	110	684	8,224	597	3	794	8.3
3rd trimester	2,463	11	148	2,171	132	1	159	6.5
No care	781	59	105	561	56	-	164	21.0
Unknown	1,205	32	114	965	89	5	146	12.2
<i>Number of prenatal care visits</i>								
No visits	830	62	112	595	61	-	174	21.0
1-4 visits	2,413	177	256	1,879	98	3	433	18.0
5-9 visits	14,555	384	1,257	12,093	814	7	1,641	11.3
10-12 visits	21,784	115	1,156	18,956	1,550	7	1,271	5.8
13+ visits	13,733	101	791	11,653	1,185	3	892	6.5
Unknown	695	27	71	540	52	5	98	14.2
<i>Adequacy of prenatal care</i>								
1st trimester and 10 or more visits	30,808	203	1,717	26,498	2,382	8	1,920	6.2
Intermediate care	18,028	462	1,461	15,021	1,075	9	1,923	10.7
Little care	725	99	98	500	26	2	197	27.2
Late care	2,463	11	148	2,171	132	1	159	6.5
No care	781	59	105	561	56	-	164	21.0
Unknown	1,205	32	114	965	89	5	146	12.2
Percent 1st trimester and 10 or more visits	58.3	24.3	48.7	59.2	64.9	40.0		
Percent late, little, or no care	7.5	20.3	9.9	7.2	5.8	15.0		
<i>Method of Delivery</i>								
Vaginal birth	35,404	303	1,804	31,074	2,223	12	2,107	6.0
Vaginal birth after previous C-section	238	8	16	185	29	-	24	10.1
Primary C-section	10,006	442	1,229	7,484	851	6	1,671	16.7
Repeat C-section	8,204	112	589	6,862	641	5	701	8.5
Unknown	133	1	5	111	16	2	6	4.5
Percent C-section	33.8	64.0	50.0	31.5	39.9	47.8		
<i>Tobacco use during pregnancy</i>								
No	45,079	695	2,717	38,191	3,454	22	3,412	7.6
Yes	8,859	168	917	7,472	300	2	1,085	12.0
Unknown	72	3	9	53	6	1	12	17.6
<i>Alcohol use during pregnancy</i>								
No	53,432	850	3,586	45,244	3,728	24	4,436	8.3
Yes	260	7	29	212	12	-	36	13.8
Unknown	318	9	28	260	20	1	37	11.7

¹ Hispanic births are of any race.

- Denotes no events in that category.

Table 18. Number and percent of births to teens by age group and selected characteristics: Oklahoma, 2006

<i>Characteristic</i>	<i>All births all ages</i>	<i>10-14 years</i>	<i>15-17 years</i>	<i><18 years</i>	<i>18-19 years</i>	<i>15-19 years</i>	<i><20 years</i>
Total	54,010	96	2,281	2,377	4,944	7,225	7,321
<i>Race/ethnicity of mother</i>							
White	41,838	62	1,551	1,613	3,521	5,072	5,134
Black	4,997	16	352	368	616	968	984
American Indian	6,064	18	365	383	765	1,130	1,148
Asian/Pacific Islander	1,111	-	13	13	42	55	55
Hispanic ¹	7,065	31	434	465	697	1,131	1,162
<i>Education of mother</i>							
0-8 years	2,651	80	284	364	221	505	585
9-11 years	9,553	16	1,708	1,724	1,749	3,457	3,473
12 years	20,120	-	269	269	2,606	2,875	2,875
13-15 years	11,287	-	7	7	340	347	347
16+ years	10,145	-	-	-	5	5	5
Unknown	254	-	13	13	23	36	36
<i>Marital Status</i>							
Married	31,912	2	248	250	1,235	1,483	1,485
Not married	22,077	94	2,033	2,127	3,706	5,739	5,833
Unknown	21	-	-	-	3	3	3
Percent Not Married	40.9	97.9	89.1	89.5	75.0	79.5	79.7
<i>Trimester prenatal care began</i>							
1st trimester	39,927	43	1,345	1,388	3,238	4,583	4,626
2nd trimester	9,618	35	660	695	1,222	1,882	1,917
3rd trimester	2,479	13	155	168	275	430	443
No care	781	-	51	51	77	128	128
Unknown	1,205	5	70	75	132	202	207
Percent 1st Trimester Care	75.6	47.3	60.8	60.3	67.3	65.3	65.0
<i>Number of prenatal care visits</i>							
No visits	830	1	54	55	84	138	139
1-4 visits	2,413	13	145	158	300	445	458
5-9 visits	14,555	38	780	818	1,562	2,342	2,380
10-12 visits	21,784	27	806	833	1,832	2,638	2,665
13+ visits	13,733	15	464	479	1,085	1,549	1,564
Unknown	695	2	32	34	81	113	115
Percent with 10 or more visits	66.6	44.7	56.5	56.0	60.0	58.9	58.7
<i>Adequacy of prenatal care</i>							
1st trimester and 10 or more visits	30,797	31	978	1,009	2,376	3,354	3,385
Intermediate care	18,023	43	983	1,026	1,995	2,978	3,021
Little care	725	4	44	48	89	133	137
Late care	2,479	13	155	168	275	430	443
No care	781	-	51	51	77	128	128
Unknown	1,205	5	70	75	132	202	207
Percent 1st trimester and 10 or more visits	58.3	34.1	44.2	43.8	49.4	47.8	47.6
Percent late, little, or no care	7.5	18.7	11.3	11.6	9.2	9.8	10.0

- Denotes no events in that category.

Table 18. Number and percent of births to teens by age group and selected characteristics: Oklahoma, 2006

<i>Characteristic</i>	<i>All births all ages</i>	<i>10-14 years</i>	<i>15-17 years</i>	<i><18 years</i>	<i>18-19 years</i>	<i>15-19 years</i>	<i><20 years</i>
Total	54,010	96	2,281	2,377	4,944	7,225	7,321
<i>Birthweight</i>							
< 1500 grams	866	2	46	48	76	122	124
1500-2499 grams	3,643	4	185	189	384	569	573
2500-3999 grams	45,716	87	1,960	2,047	4,235	6,195	6,282
4000 and over	3,760	3	90	93	246	336	339
Unknown	25	-	-	-	3	3	3
Percent < 1500 grams	1.6	2.1	2.0	2.0	1.5	1.7	1.7
Percent < 2500 grams	8.4	6.3	10.1	10.0	9.3	9.6	9.5
<i>Method of Delivery</i>							
Vaginal birth	35,416	74	1,748	1,822	3,588	5,336	5,410
Vaginal birth after previous C-section	238	-	3	3	12	15	15
Primary C-section	10,012	21	490	511	1,087	1,577	1,598
Repeat C-section	8,209	-	35	35	240	275	275
Unknown	135	1	5	6	17	22	23
Percent C-section	33.8	22.1	23.1	23.0	26.9	25.7	25.7

Table 19. Percent of births by short birth interval, high parity, number of teen births, percent of births to teens, and teen fertility rate aged 15-19: Oklahoma, 1975-2006

(Teen fertility rates are live births per 1,000 female population aged 15-19.)

Year	Short birth interval		Previous births		Number of teen births	% of births to women < 20 years	Fertility rate ages 15-19
	< 18 months	< 24 months	Age < 20: 2+ births	Age > 19: 4+ births			
1975	17.0	30.1	12.3	8.0	10,061	23.6	78.6
1976	17.0	30.5	13.6	7.5	9,931	22.8	76.7
1977	17.2	30.8	14.1	6.7	9,740	21.4	74.5
1978	17.2	31.0	15.0	6.4	9,574	20.9	72.2
1979	17.4	31.5	15.3	6.1	10,032	20.5	74.6
1980	18.8	33.3	15.0	5.9	10,192	19.6	74.5
1981	19.3	34.6	13.6	5.6	10,210	19.0	73.0
1982	19.4	35.0	15.6	5.6	10,752	18.3	75.8
1983	19.8	35.0	13.9	5.7	10,014	17.6	70.9
1984	18.9	34.0	15.1	5.4	8,807	16.2	64.7
1985	18.2	32.8	14.9	5.5	8,410	15.8	64.6
1986	18.7	32.8	16.6	5.6	7,894	15.6	62.9
1987	18.3	32.9	22.0	6.1	7,648	16.0	62.7
1988	18.6	32.8	24.7	6.3	7,561	16.0	63.5
1989	18.6	32.6	24.7	6.7	7,736	16.4	66.4
1990	19.6	33.6	23.7	6.3	7,719	16.6	67.3
1991	20.4	35.4	18.7	6.1	8,147	17.1	70.1
1992	20.3	35.1	23.9	6.1	7,950	16.8	67.7
1993	20.3	34.5	16.9	6.1	7,880	17.1	66.6
1994	19.6	33.7	17.8	6.3	7,757	17.0	66.2
1995	18.8	32.6	18.1	6.4	7,706	17.0	65.2
1996	18.0	31.3	16.2	6.2	7,842	17.0	64.6
1997	18.0	31.7	16.1	6.5	8,104	16.8	65.6
1998	18.0	31.3	17.8	6.9	7,998	16.3	61.0
1999	18.3	32.3	14.4	7.2	7,814	16.2	58.8
2000	17.9	32.2	17.9	6.4	7,831	15.8	59.3
2001	17.6	31.5	17.5	6.7	7,572	15.1	58.2
2002	17.9	32.2	16.3	6.9	7,415	14.7	57.6
2003	18.4	32.5	16.7	7.1	7,068	13.9	55.9
2004	17.4	31.4	15.7	7.1	6,953	13.6	55.5
2005	19.1	32.8	16.7	7.3	6,795	13.1	55.4
2006	18.5	33.0	15.1	7.5	7,321	13.6	59.3

Table 20. Number of teen births and age-specific birth rates by age and race of mother: Oklahoma, 1975-2006

(Rates are live births per 1,000 female population in specified group.)

Year	10-14 Years		15-17 Years		18-19 Years		Race of mother: Ages 15-19					
	Number	Rate	Number	Rate	Number	Rate	White	Black	American Indian	Asian Pac Isl	Total ¹	
1975	179	1.5	3,881	51.9	6,001	117.5	68.2	141.1	120.4	-	78.6	
1976	171	1.5	3,822	50.8	5,938	114.0	67.0	132.7	117.9	-	76.7	
1977	148	1.3	3,666	48.4	5,926	111.6	66.0	124.7	111.3	-	74.5	
1978	147	1.3	3,481	45.6	5,946	109.7	64.3	121.5	107.4	-	72.2	
1979	154	1.4	3,624	47.1	6,254	112.7	66.3	130.5	109.0	-	74.6	
1980	146	1.3	3,593	46.4	6,453	113.6	67.9	123.7	99.3	-	74.8	
1981	134	1.2	3,414	45.5	6,662	121.2	71.5	115.6	92.2	-	77.5	
1982	133	1.1	3,523	47.6	7,096	131.0	77.5	111.4	96.5	-	82.8	
1983	148	1.2	3,302	45.4	6,564	123.2	72.5	112.0	89.7	-	78.3	
1984	164	1.4	3,024	43.0	5,618	109.0	65.4	104.2	77.1	-	70.9	
1985	150	1.3	2,997	43.4	5,262	103.9	63.3	108.7	72.9	-	69.0	
1986	133	1.2	2,848	41.0	4,913	96.5	58.6	104.9	71.6	-	64.5	
1987	145	1.3	2,772	40.3	4,730	93.6	56.9	104.5	72.0	-	62.9	
1988	141	1.3	2,710	40.2	4,710	95.0	56.3	108.3	78.7	-	63.4	
1989	119	1.1	2,596	39.3	5,020	103.2	59.0	115.7	81.0	-	66.4	
1990	113	1.0	2,529	37.8	5,070	109.7	60.6	116.1	78.1	21.9	67.1	
1991	166	1.4	2,708	41.0	5,273	115.8	62.9	127.6	89.3	35.0	71.5	
1992	153	1.3	2,751	41.3	5,046	109.8	62.8	111.3	82.1	34.7	69.3	
1993	143	1.2	2,744	40.6	4,993	107.0	61.0	107.8	84.5	29.5	67.7	
1994	150	1.2	2,823	40.8	4,782	100.2	58.6	101.2	81.9	31.4	65.0	
1995	158	1.3	2,763	38.9	4,785	97.8	57.4	93.8	77.5	33.9	63.0	
1996	145	1.1	2,758	37.8	4,939	98.3	58.1	88.0	74.1	27.9	62.5	
1997	139	1.1	2,819	37.7	5,146	99.8	57.7	93.4	77.2	25.2	63.0	
1998	120	1.0	2,704	35.2	5,174	97.9	56.3	84.8	74.9	24.4	60.8	
1999	131	1.1	2,514	32.5	5,169	96.9	55.3	82.3	68.1	13.1	58.8	
							2000 NCHS pop est with bridged racial categories					
2000	120	1.0	2,492	32.3	5,219	98.8	54.5	83.8	75.0	25.8	59.3	
2001	105	0.9	2,322	30.9	5,145	96.9	53.9	76.9	73.9	25.2	58.2	
2002	113	0.9	2,216	29.7	5,086	97.3	54.9	72.1	66.9	20.0	57.6	
2003	95	0.8	2,118	28.9	4,855	94.4	52.4	71.1	69.5	21.9	55.9	
2004	104	0.9	2,145	29.7	4,704	91.8	52.6	66.7	67.4	24.2	55.5	
2005	113	0.9	2,020	27.1	4,662	101.1	51.2	69.7	72.8	24.1	55.4	
2006	96	0.8	2,281	30.3	4,944	106.0	55.5	72.9	75.5	26.2	59.3	

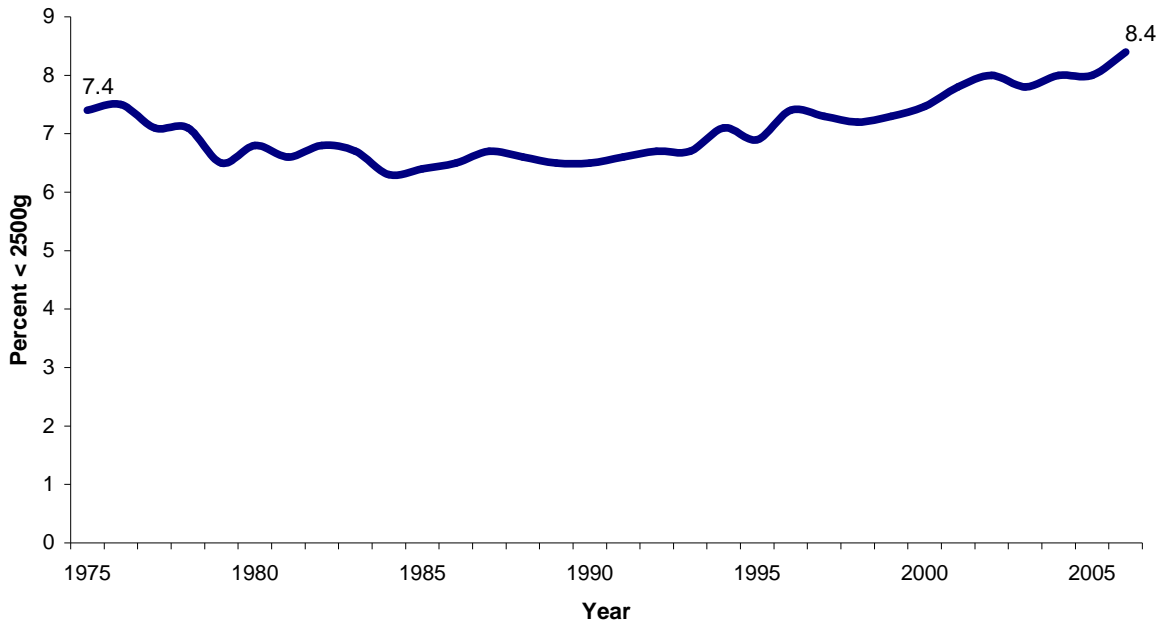
¹ Includes unknown race and races other than White, Black, and American Indian.

Table 21. Percent of births by race, low birthweight, low educational attainment and marital status: Oklahoma, 1975-2006

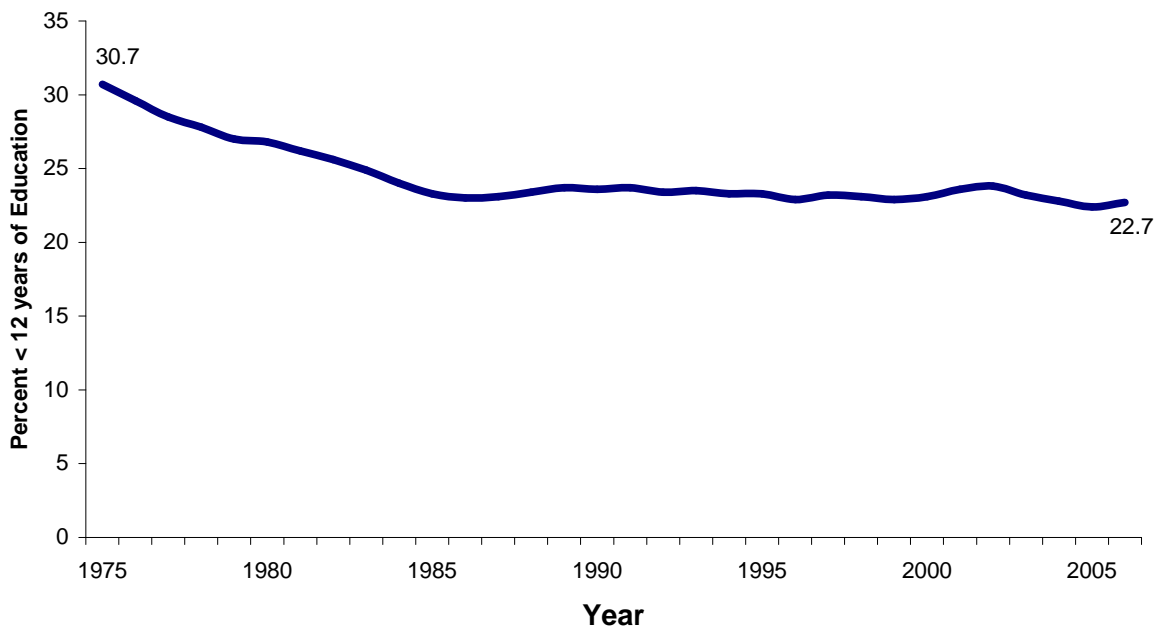
Year	Race of mother				Birthweight		Education	Not married	
	White	Black	American Indian	Asian Pac Isl	< 1500 grams	< 2500 grams	< 12 grades	All ages	Age < 20 years
1975	82.8	9.5	6.0		1.2	7.4	30.7	11.9	28.7
1976	83.0	9.7	6.2		1.2	7.5	29.6	12.5	29.9
1977	83.9	9.1	6.0		1.0	7.1	28.5	13.0	31.5
1978	82.7	9.7	6.4		1.0	7.1	27.8	14.8	33.1
1979	82.6	9.9	6.5		1.0	6.5	27.0	15.5	34.7
1980	82.6	9.5	6.5		1.0	6.8	26.8	14.1	33.0
1981	82.8	9.0	6.7		1.0	6.6	26.2	14.2	32.8
1982	83.0	8.6	6.8		1.1	6.8	25.6	14.0	32.4
1983	82.6	8.9	6.9		1.0	6.7	24.9	15.3	35.9
1984	82.6	9.1	6.8		1.0	6.3	24.0	16.2	39.4
1985	82.2	9.3	6.9		1.1	6.4	23.3	17.2	42.6
1986	81.3	9.8	7.3		1.0	6.5	23.0	18.6	46.6
1987	80.6	10.0	7.7		1.0	6.7	23.1	20.7	50.7
1988	79.5	10.2	8.6		1.0	6.6	23.4	22.4	52.9
1989	85.1	11.4	9.2		1.1	6.5	23.7	23.8	54.3
1990	78.7	10.6	8.7		1.0	6.5	23.6	25.2	56.3
1991	78.4	10.8	9.2		1.1	6.6	23.7	27.1	58.1
1992	78.3	10.8	9.2		1.1	6.7	23.4	28.4	60.9
1993	78.1	10.7	9.6		1.1	6.7	23.5	29.2	62.0
1994	78.3	10.4	9.6		1.2	7.1	23.3	29.8	62.9
1995	78.8	9.9	9.5		1.2	6.9	23.3	30.6	65.0
1996	79.3	9.7	9.3		1.1	7.4	22.9	31.1	66.7
1997	78.4	9.8	9.6		1.2	7.3	23.2	32.7	69.2
1998	78.5	9.8	9.9		1.3	7.2	23.1	33.5	70.4
1999	78.6	9.6	10.0		1.2	7.3	22.9	33.4	70.6
	2000 NCHS pop est with bridged racial categories								
2000	77.9	9.6	10.5	2.0	1.3	7.5	23.1	34.3	71.9
2001	78.2	9.2	10.5	2.1	1.3	7.8	23.6	35.2	72.0
2002	78.3	9.4	10.3	2.0	1.3	8.0	23.8	36.4	73.6
2003	78.3	9.1	10.5	2.1	1.2	7.8	23.2	37.1	75.5
2004	78.1	9.2	10.5	2.2	1.3	8.0	22.8	38.5	77.3
2005	77.3	9.3	11.3	2.1	1.4	8.0	22.4	39.1	78.7
2006	77.5	9.3	11.2	2.1	1.6	8.4	22.7	40.9	79.7

To provide uniformity and comparability of the data while states are transitioning to multiple-race coding, NCHS has begun bridging the responses of those who reported more than one race to a single-race category. Multiple race is imputed to a single race (White, Black, American Indian/Alaskan Native or Asian/Pacific Islander), according to the combination of races, Hispanic origin, sex and age indicated on the birth certificate of the mother or father.

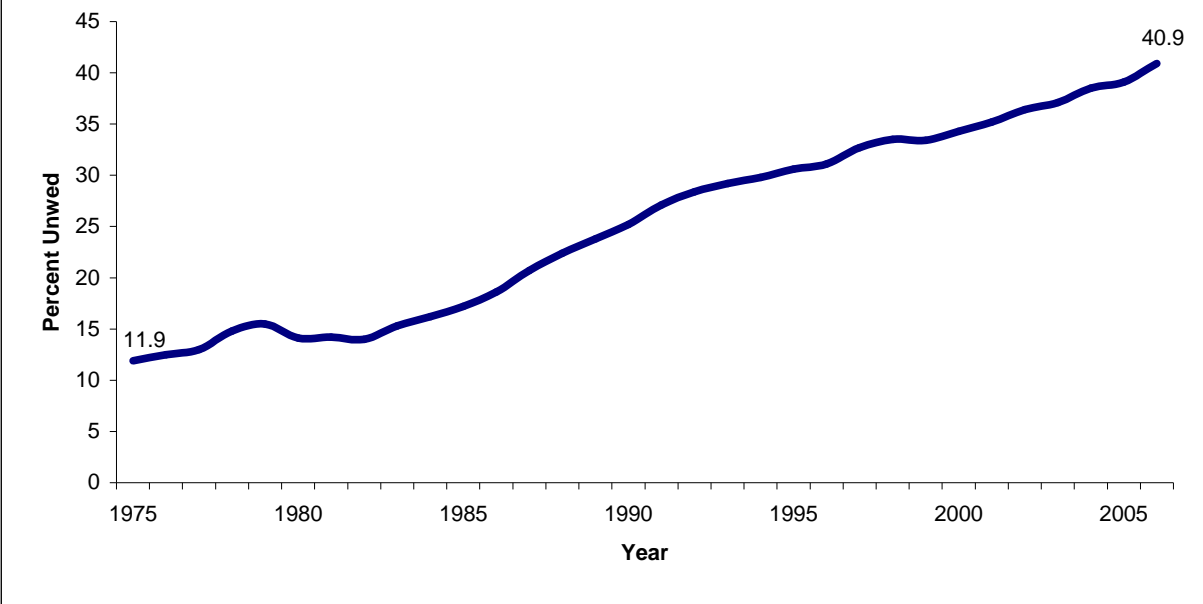
**Figure 1. Percent of Births of Low Birthweight
Oklahoma: 1975-2006**



**Figure 2. Percent of Births to Mothers with Low Education
Oklahoma, 1975-2006**



**Figure 3. Percent of Births to Unmarried Mothers
Oklahoma: 1975-2006**



**Figure 4. Percent of Teen Births to Unmarried Mothers
Oklahoma: 1975-2006**

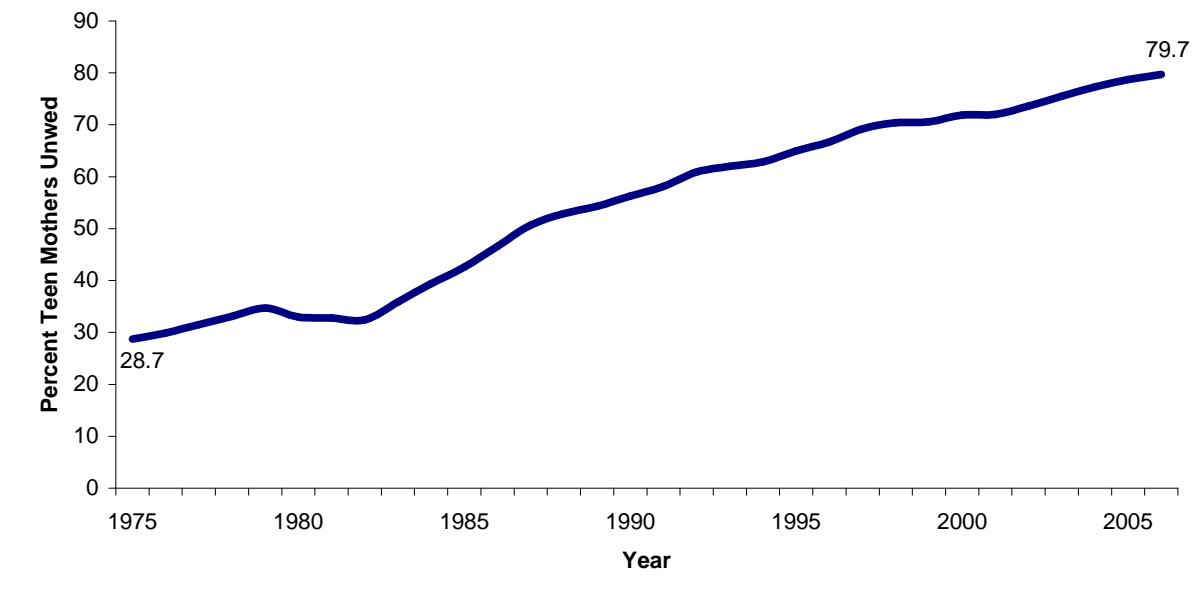


Table 22. Percent of births by first trimester and adequacy of prenatal care: Oklahoma, 1975-2006

<i>Year</i>	<i>1st trimester</i>	<i>1st trimester & 10 or more prenatal visits</i>	<i>Late¹ prenatal care</i>	<i>Little² prenatal care</i>	<i>No prenatal care</i>	<i>Total births</i>
1975	65.9	46.4	7.3	2.2	1.5	43,130
1976	66.1	46.6	7.4	2.3	1.6	43,663
1977	67.9	48.5	6.4	2.1	1.9	45,449
1978	68.6	50.1	6.3	2.0	1.8	45,885
1979	68.0	51.2	6.7	1.8	1.8	49,007
1980	68.1	51.7	6.6	2.0	1.9	52,065
1981	68.1	51.5	6.2	2.4	2.1	53,620
1982	67.6	50.8	6.4	2.3	3.0	58,748
1983	67.3	51.4	6.3	1.9	2.8	56,859
1984	69.4	53.0	6.1	2.0	2.3	54,323
1985	70.5	54.9	5.6	2.0	1.7	53,100
1986	71.5	56.4	5.4	2.0	1.9	50,536
1987	73.2	58.4	5.0	1.8	1.6	47,701
1988	73.5	58.4	5.0	1.8	1.4	47,279
1989	72.3	57.3	5.0	2.2	1.5	47,238
1990	72.1	57.2	5.6	2.1	1.5	47,725
1991	73.2	57.3	4.4	1.8	1.3	47,759
1992	75.2	61.7	4.2	1.3	1.2	47,544
1993	74.8	60.6	4.2	1.5	2.1	46,165
1994	76.0	61.1	3.7	1.4	2.4	45,607
1995	78.0	63.8	3.7	1.4	1.2	45,365
1996	78.5	63.4	3.4	1.4	1.3	46,133
1997	78.3	65.3	3.4	1.4	1.4	48,160
1998	78.6	64.0	3.8	1.5	0.9	49,354
1999	80.1	65.6	3.3	1.4	1.0	48,470
2000	78.7	64.5	3.5	1.5	1.3	49,712
2001	77.4	61.7	4.1	1.6	1.3	50,029
2002	76.7	61.5	4.2	1.5	1.3	50,310
2003	77.8	62.1	3.6	1.6	1.1	50,874
2004	78.1	62.9	3.4	1.3	1.3	51,157
2005	77.2	62.5	4.2	1.1	1.3	51,775
2006	75.6	58.3	4.7	1.4	1.5	54,010

¹Prenatal care beginning in the third trimester of pregnancy.²Prenatal care beginning in the first or second trimester and less than four prenatal care visits.

**Figure 5. Percent of Births to Mothers
Who Began Prenatal Care in First Trimester
Oklahoma, 1975-2006**

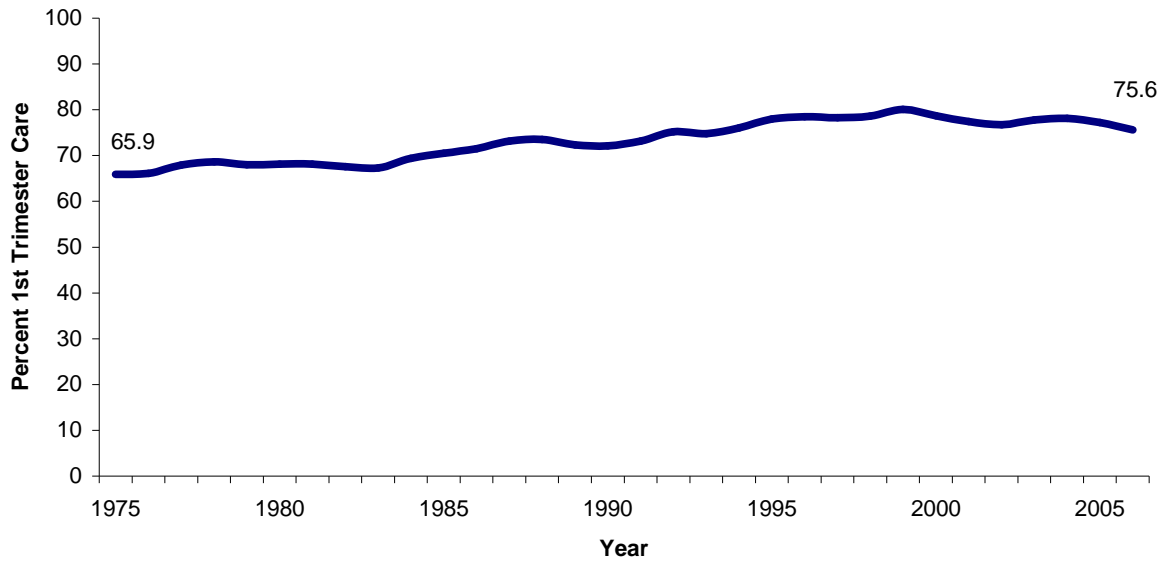


Figure 6
Percent of Births of Low Birthweight
United States and Oklahoma, 1975-2006

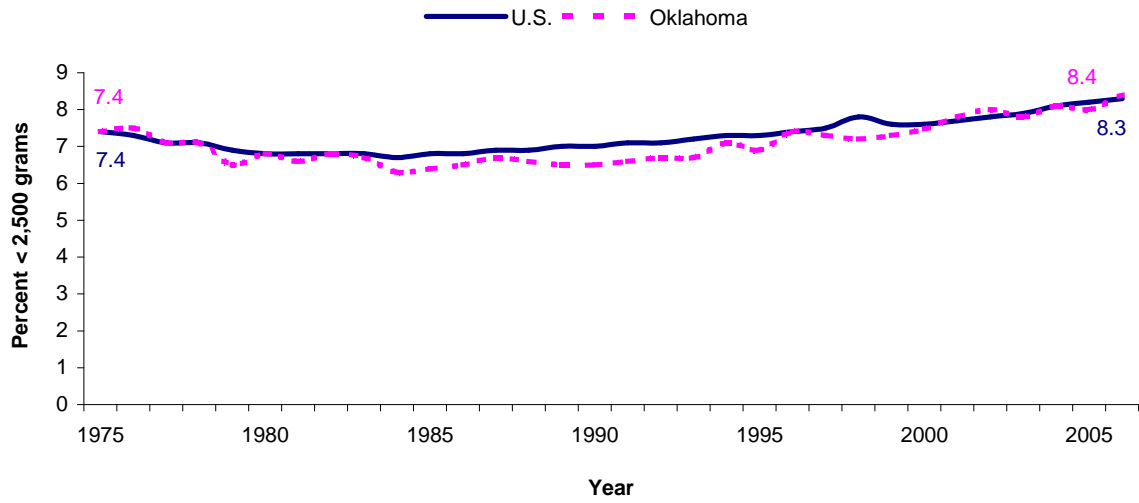


Figure 7. Percent of Births to Unmarried Mothers
United States and Oklahoma, 1975-2006

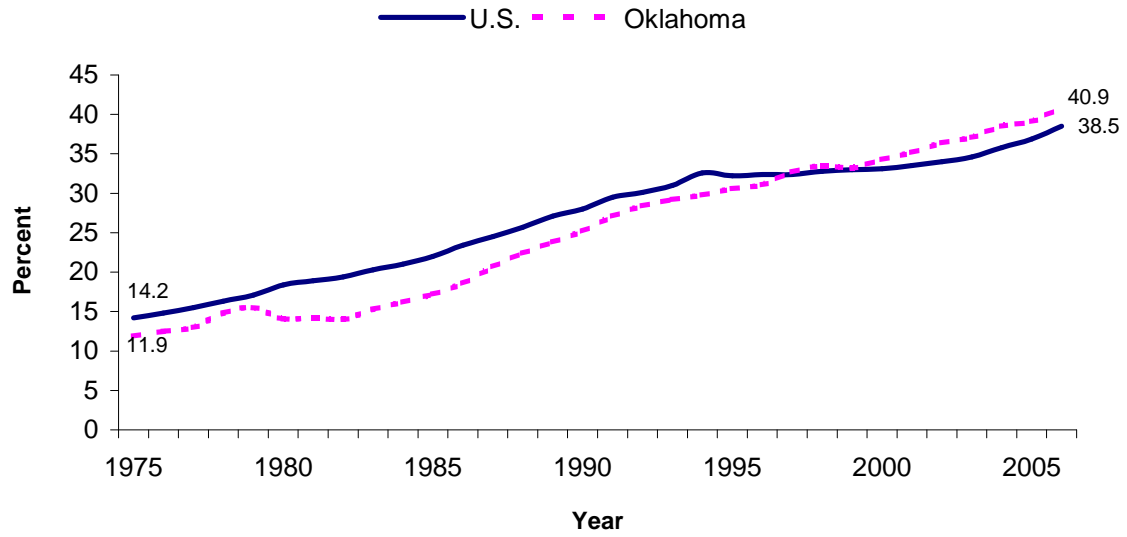


Table 23. Crude birth rates, birth rates for teens aged 15-19, percent of births to women less than 20 years of age, fertility rates, fertility rates by race of mother, and percent of births of low birth weight: UNITED STATES, 1975-2005

(Crude birth rates are per 1,000 total population. Fertility rates are live births per 1,000 female population aged 15-44.)

Year	Crude birth rate	Birth rate ages 15-19	% of births to women < 20 years	Fertility rate	Fertility rates by race of mother				% Low birthweight
					White	Black	American Indian	Asian Pac Isl	
1975	14.6	55.6	18.9	66.0	62.5*	87.9	-	-	7.4
1976	14.6	52.8	18.0	65.0	61.5*	85.8	-	-	7.3
1977	15.1	52.8	17.2	66.8	63.2*	88.1	-	-	7.1
1978	15.0	51.5	16.6	65.5	61.7*	86.7	-	-	7.1
1979	15.6	52.3	16.0	67.2	63.4*	88.3	-	-	6.9
1980	15.9	53.0	15.6	68.4	65.6	84.7	82.7	-	6.8
1981	15.8	52.2	14.8	67.3	64.8	82.0	79.6	-	6.8
1982	15.9	52.4	14.2	67.3	64.8	80.9	83.6	-	6.8
1983	15.6	51.4	13.7	65.7	63.4	78.7	81.8	-	6.8
1984	15.6	50.6	13.1	65.5	63.2	78.2	79.8	-	6.7
1985	15.8	51.0	12.7	66.3	64.1	78.8	78.6	-	6.8
1986	15.6	50.2	12.6	65.4	63.1	78.9	75.9	-	6.8
1987	15.7	50.6	12.4	65.8	63.3	80.1	75.6	-	6.9
1988	16.0	53.0	12.5	67.3	64.5	82.6	76.8	-	6.9
1989	16.4	57.3	12.8	69.2	66.4	86.2	79.0	-	7.0
1990	16.7	59.9	12.8	70.9	68.3	86.8	76.2	-	7.0
1991	16.3	62.1	12.9	69.6	67.0	85.2	75.1	-	7.1
1992	15.9	60.7	12.7	68.9	66.5	83.2	75.4	-	7.1
1993	15.5	59.6	12.8	67.6	65.4	80.5	73.4	-	7.2
1994	15.2	58.9	13.1	66.7	64.9	76.9	70.9	-	7.3
1995	14.8	56.8	13.1	65.6	64.4	72.3	69.1	-	7.3
1996	14.8	54.7	12.9	65.7	64.7	70.8	69.8	-	7.4
1997	14.7	54.4	12.8	65.3	64.2	70.8	68.9	-	7.5
1998	14.6	51.1	12.5	65.6	64.6	71.0	70.7	-	7.8
1999	14.5	49.6	12.3	65.9	65.1	70.1	69.7	-	7.6
2000 NCHS pop est with bridged racial categories									
2000	14.4	47.7	11.8	65.9	65.3	70.0	58.7	66.3	7.6
2001	14.1	45.3	11.3	65.3	65.0	67.6	58.1	64.1	7.7
2002	13.9	43.0	10.8	64.8	64.8	65.8	58.0	64.2	7.8
2003	14.1	41.6	10.3	66.1	66.1	66.3	58.4	65.8	7.9
2004	14.0	41.1	10.3	66.3	66.1	67.6	58.9	67.1	8.1
2005	14.0	40.5	10.0	66.7	66.3	69.0	59.9	66.6	8.2
2006	14.2	41.9	10.4	68.5	68.0	72.1	63.1	67.5	8.3

- Data not available.

*Race of child-NCHS classification prior to 1980.

To provide uniformity and comparability of the data while states are transitioning to multiple-race coding, NCHS has begun bridging the responses of those who reported more than one race to a single-race category. Multiple race is imputed to a single race (White, Black, American Indian/Alaskan Native or Asian/Pacific Islander), according to the combination of races, Hispanic origin, sex and age indicated on the birth certificate of the mother or father.

Table 24. Percent of births by first trimester prenatal care, low educational attainment, marital status, gestational age, short birth interval and infant mortality rate: UNITED STATES, 1975-2005

<i>Year</i>	<i>1st trimester</i>	<i>Education</i>		<i>Not married</i>	<i>< 37 weeks gestation</i>	<i>Birth interval</i>		<i>Infant mortality rate</i>
		<i>< 12 grades</i>				<i>< 24 months</i>		
1975	72.4	28.6		14.2	8.9	25.2		16.1
1976	73.5	27.4		14.8	8.8	25.2		15.2
1977	74.1	26.2		15.5	8.8	25.2		14.1
1978	74.9	26.1		16.3	8.9	26.1		13.8
1979	75.9	24.4		17.1	8.9	26.6		13.1
1980	76.3	23.7		18.4	8.9	27.5		12.6
1981	76.3	22.9		18.9	9.4	28.0		11.9
1982	76.1	22.3		19.4	9.5	27.7		11.5
1983	76.2	21.7		20.3	9.6	27.3		11.2
1984	76.5	20.9		21.0	9.4	26.9		10.8
1985	76.2	20.6		22.0	9.8	26.5		10.6
1986	76.0	20.4		23.4	10.0	26.9		10.4
1987	76.0	20.2		24.5	10.2	26.9		10.1
1988	75.9	20.5		25.7	10.2	26.9		10.0
1989	75.5	23.2		27.1	10.6	27.3		9.8
1990	75.8	23.8		28.0	10.6	27.8		9.2
1991	76.2	24.3		29.5	10.8	28.4		8.9
1992	77.7	23.6		30.1	10.7	-		8.5
1993	78.9	23.3		31.0	11.0	-		8.4
1994	80.2	22.9		32.6	11.0	-		8.0
1995	81.3	22.6		32.2	11.0	-		7.6
1996	81.8	-		32.4	-	-		7.2
1997	82.5	22.1		32.4	11.4	-		7.1
1998	82.8	21.9		32.8	11.7	-		7.2
1999	83.2	21.7		33.0	11.8	-		7.1
2000	83.2	21.7		33.2	11.8	-		6.9
2001	83.4	21.7		33.5	11.8	-		6.8
2002	83.7	21.5		34.0	12.0	-		7.0
2003	84.1	23.8		34.6	12.3	-		6.9
2004	83.9	22.2*		35.8	12.5	-		6.8
2005	83.9	20.9**		36.9	12.7	-		6.9
2006	83.2	-		38.5	12.8	-		6.7

Note: Infant mortality rates are deaths per 1,000 live births.

- Data are not available

* Represents the estimate based on the unrevised question format used by 41 states, NYC and DC. 19.0% was reported by the 7 states using the revised question.

** Represents the estimate based on the unrevised question format used by 37 states, NYC and DC. 19.2% was reported by the 7 states using the revised question.

**Figure 8. Crude Birth and Death Rates
Oklahoma, 1975-2006
(rates per 1,000 total population)**

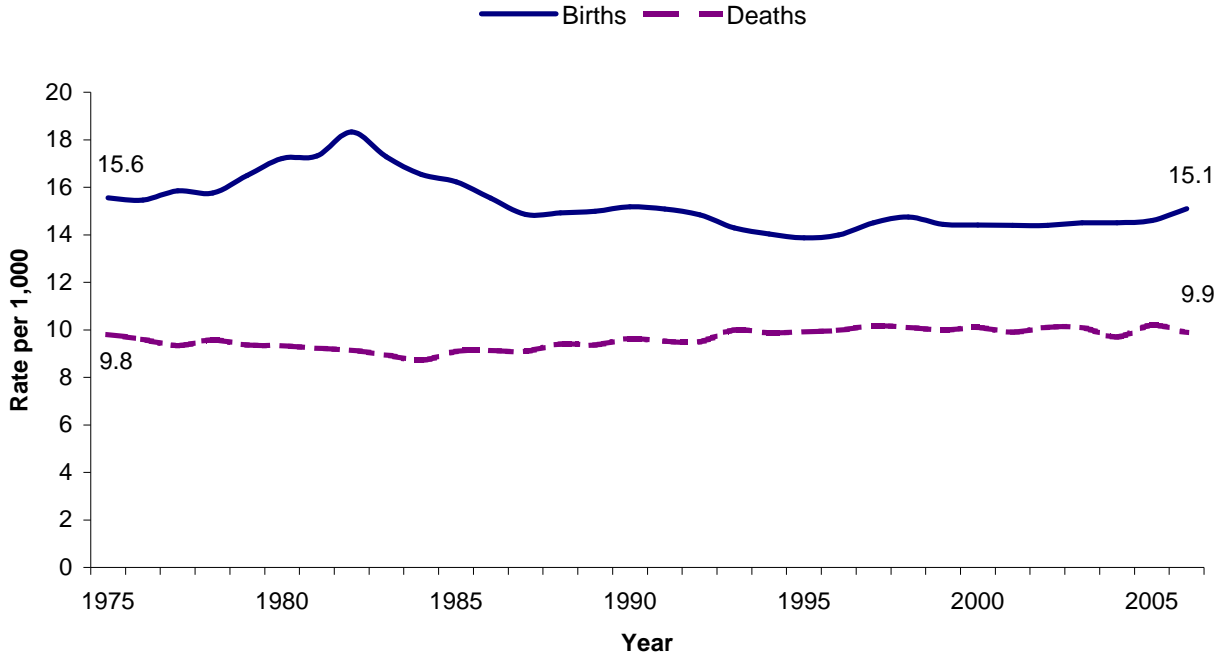


Table 25. Number and crude rate of births and deaths: Oklahoma, 1975-2006

<i>Year</i>	<i>Births</i>		<i>Deaths</i>	
	<i>Number</i>	<i>Rate</i>	<i>Number</i>	<i>Rate</i>
1975	43,130	15.6	27,165	9.8
1976	43,663	15.5	27,103	9.6
1977	45,449	15.9	26,766	9.3
1978	45,885	15.8	27,892	9.6
1979	49,007	16.5	27,802	9.4
1980	52,065	17.2	28,227	9.3
1981	53,620	17.3	28,568	9.2
1982	58,748	18.3	29,305	9.1
1983	56,859	17.3	29,426	8.9
1984	54,323	16.5	28,635	8.7
1985	53,100	16.2	29,735	9.1
1986	50,536	15.5	29,708	9.1
1987	47,701	14.9	29,191	9.1
1988	47,279	14.9	29,766	9.4
1989	47,238	15.0	29,487	9.4
1990	47,725	15.2	30,301	9.6
1991	47,759	15.1	30,172	9.5
1992	47,544	14.8	30,425	9.5
1993	46,165	14.3	32,265	10.0
1994	45,607	14.0	32,082	9.9
1995	45,365	13.9	32,431	9.9
1996	46,133	14.0	32,872	10.0
1997	48,160	14.5	33,780	10.2
1998	49,354	14.7	33,826	10.1
1999	48,470	14.4	34,266	10.0
2000	49,712	14.4	34,766	10.1
2001	50,029	14.4	34,489	9.9
2002	50,310	14.4	35,346	10.1
2003	50,874	14.5	35,623	10.1
2004	51,157	14.5	34,311	9.7
2005	51,775	14.6	36,168	10.2
2006	54,010	15.1	35,392	9.9

Note: Crude rates are per 1,000 total population.

Table 26. 20 Leading Rankable Causes of Death: Oklahoma, 2006

(All rates are per 100,000. Age-adjusted rates are based on the 2000 U.S. standard population)

ICD-10 Rankable Causes of Death	Deaths	% State Deaths	Population	Death Rate	Age-	YPLL
					Adjusted Death Rate	Before the Age of 65
1 Diseases of heart (I00-I09,I11,I13,I20-I51)	9,782	31.7	3,577,536	273.4	250.4	22,763
2 Malignant neoplasms (C00-C97)	7,485	24.3	3,577,536	209.2	194.7	25,452
3 Chronic lower respiratory diseases (J40-J47)	2,191	7.1	3,577,536	61.2	57.1	3,810
4 Cerebrovascular diseases (I60-I69)	2,081	6.7	3,577,536	58.2	53.2	3,431
5 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	2,034	6.6	3,577,536	56.9	56.1	42,280
6 Diabetes mellitus (E10-E14)	1,165	3.8	3,577,536	32.6	30.3	4,580
7 Alzheimer's disease (G30)	928	3.0	3,577,536	25.9	23.5	39
8 Influenza and pneumonia (J10-J18)	879	2.9	3,577,536	24.6	22.6	2,171
9 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	594	1.9	3,577,536	16.6	15.3	1,622
10 Intentional self-harm (suicide) (X60-X84,Y87.0)	532	1.7	3,577,536	14.9	14.9	11,389
11 Chronic liver disease and cirrhosis (K70,K73-K74)	444	1.4	3,577,536	12.4	11.9	4,321
12 Septicemia (A40-A41)	408	1.3	3,577,536	11.4	10.5	1,569
13 Parkinson's disease (G20-G21)	272	0.9	3,577,536	7.6	7.1	51
14 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	244	0.8	3,577,536	6.8	6.1	571
15 Assault (homicide) (X85-Y09,Y87.1)	224	0.7	3,577,536	6.3	6.3	7,315
16 Pneumonitis due to solids and liquids (J69)	200	0.6	3,577,536	5.6	5.1	182
17 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	176	0.6	3,577,536	4.9	4.6	648
18 Certain conditions originating in the perinatal period (P00-P96)	174	0.6	3,577,536	4.9	4.6	11,245
19 Aortic aneurysm and dissection (I71)	161	0.5	3,577,536	4.5	4.2	423
20 Viral hepatitis (B15-B19)	159	0.5	3,577,536	4.4	4.2	1,746
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	159	0.5	3,577,536	4.4	4.3	7,918

Table 27. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65: Oklahoma, 2006

(All rates are per 100,000. Age-adjusted rates are based on the 2000 U.S. standard population)

ICD-10 Rankable Causes of Death	Deaths	% State Deaths	Population	Death Rate	Age-	YPLL
					Adjusted Death Rate	Before the Age of 65
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	2,034	6.6	3,579,212	56.8	56.1	42,280
2 Malignant neoplasms (C00-C97)	7,485	24.3	3,579,212	209.1	194.7	25,452
3 Diseases of heart (I00-I09,I11,I13,I20-I51)	9,782	31.7	3,579,212	273.3	250.7	22,763
4 Intentional self-harm (suicide) (X60-X84,Y87.0)	532	1.7	3,579,212	14.9	14.9	11,389
5 Certain conditions originating in the perinatal period (P00-P96)	174	0.6	3,579,212	4.9	4.6	11,245
6 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	159	0.5	3,579,212	4.4	4.3	7,918
7 Assault (homicide) (X85-Y09,Y87.1)	224	0.7	3,579,212	6.3	6.3	7,315
8 Diabetes mellitus (E10-E14)	1,165	3.8	3,579,212	32.5	30.3	4,580
9 Chronic liver disease and cirrhosis (K70,K73-K74)	444	1.4	3,579,212	12.4	11.9	4,321
10 Chronic lower respiratory diseases (J40-J47)	2,191	7.1	3,579,212	61.2	57.1	3,810
11 Cerebrovascular diseases (I60-I69)	2,081	6.7	3,579,212	58.1	53.3	3,431
12 Influenza and pneumonia (J10-J18)	879	2.9	3,579,212	24.6	22.6	2,171
13 Viral hepatitis (B15-B19)	159	0.5	3,579,212	4.4	4.2	1,746
13 Human immunodeficiency virus (HIV) disease (B20-B24)	89	0.3	3,579,212	2.5	2.6	1,746
15 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	594	1.9	3,579,212	16.6	15.3	1,622
16 Septicemia (A40-A41)	408	1.3	3,579,212	11.4	10.5	1,569
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	176	0.6	3,579,212	4.9	4.6	648
18 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	244	0.8	3,579,212	6.8	6.1	571
19 Pregnancy, childbirth and the puerperium (O00-O99)	15	0.0	3,579,212	0.4	0.4	444
20 Aortic aneurysm and dissection (I71)	161	0.5	3,579,212	4.5	4.2	423

**Percent not computed when based on a denominator < 20.

Table 28. Number of resident deaths, crude and age-adjusted mortality rates by cause of death: Oklahoma, 2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

Cause of death by ICD-10 Code	Deaths	Age		YPLL65
		Crude Death Rate	Adjusted Death Rate	
All deaths	35,392	988.8	919.4	182,099
Shigellosis and amebiasis (A03, A06)	1	++	++	63
Tuberculosis (A16-A19)	9	0.3	0.3	148
Respiratory tuberculosis (A16)	7	0.2	0.2	64
Other tuberculosis (A17-A19)	2	++	++	-
Meningococcal infection (A39)	1	++	++	64
Septicemia (A40-A41)	408	11.4	10.5	1,569
Viral hepatitis (B15-B19)	159	4.4	4.2	1,746
Human immunodeficiency virus (HIV) disease (B20-B24)	89	2.5	2.6	1,746
Malaria (B50-B54)	1	++	++	-
Malignant neoplasms (C00-C97)	7,485	209.2	194.7	25,452
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	103	2.9	2.7	496
Malignant neoplasm of esophagus (C15)	156	4.4	4.0	632
Malignant neoplasm of stomach (C16)	118	3.3	3.1	534
Malignant neoplasms of colon, rectum and anus (C18-C21)	661	18.5	17.2	1,943
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	188	5.3	4.9	954
Malignant neoplasm of pancreas (C25)	387	10.8	10.0	1,193
Malignant neoplasm of larynx (C32)	42	1.2	1.1	202
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,441	68.2	63.4	6,171
Malignant melanoma of skin (C43)	124	3.5	3.3	716
Malignant neoplasm of breast (C50)	545	15.2	14.2	2,846
Malignant neoplasm of cervix uteri (C53)	56	1.6	1.5	478
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	103	2.9	2.7	215
Malignant neoplasm of ovary (C56)	189	5.3	4.9	483
Malignant neoplasm of prostate (C61)	341	9.5	8.8	201
Malignant neoplasms of kidney and renal pelvis (C64-C65)	196	5.5	5.1	1,007
Malignant neoplasm of bladder (C67)	160	4.5	4.1	239
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	164	4.6	4.3	1,484
Hodgkin's disease (C81)	16	0.4	0.4	175
Non-Hodgkin's lymphoma (C82-C85)	289	8.1	7.5	701
Leukemia (C91-C95)	299	8.4	7.9	1,628
Multiple myeloma and immunoproliferative neoplasms (C88,C90)	141	3.9	3.7	241
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	2	++	++	6
All other and unspecified malignant neoplasms (C17,C23-C24,C26-C31,C37-C41,C44-C49,C51-C52,C57-C60,C62-C63,C66,C68-C69,C73-C80,C97)	764	21.3	20.0	2,907
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D09)	176	4.9	4.6	648
Anemias (D50-D64)	51	1.4	1.3	267
Diabetes mellitus (E10-E14)	1,165	32.6	30.3	4,580
Nutritional deficiencies (E40-E64)	40	1.1	1.0	109
Malnutrition (E40-E46)	36	1.0	0.9	109
Other nutritional deficiencies (E50-E64)	4	++	++	-
Meningitis (G00,G03)	8	0.2	0.2	128
Parkinson's disease (G20-G21)	272	7.6	7.1	51
Alzheimer's disease (G30)	928	25.9	23.5	39
Diseases of heart (I00-I09,I11,I13,I20-I51)	9,782	273.4	250.4	22,763
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	38	1.1	1.0	102

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

Table 28. Number of resident deaths, crude and age-adjusted mortality rates by cause of death: Oklahoma, 2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

Cause of death by ICD-10 Code	Deaths	Age		YPLL65
		Crude Death Rate	Adjusted Death Rate	
All deaths	35,392	988.8	919.4	182,099
Hypertensive heart disease (I11)	275	7.7	7.0	1,068
Hypertensive heart and renal disease (I13)	20	0.6	0.5	43
Acute myocardial infarction (I21-I22)	1,810	50.6	46.6	4,170
Other acute ischemic heart diseases (I24)	953	26.6	24.3	2,698
Atherosclerotic cardiovascular disease, so described (I25.0)	1,050	29.3	26.8	3,495
All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)	3,107	86.8	79.6	4,612
Acute and subacute endocarditis (I33)	20	0.6	0.5	197
Diseases of pericardium and acute myocarditis (I30-I31,I40)	9	0.3	0.2	68
Heart failure (I50)	1,327	37.1	33.6	1,172
All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)	1,173	32.8	30.5	5,138
Essential (primary) hypertension and hypertensive renal disease (I10,I12)	244	6.8	6.1	571
Cerebrovascular diseases (I60-I69)	2,081	58.2	53.2	3,431
Atherosclerosis (I70)	124	3.5	3.1	80
Aortic aneurysm and dissection (I71)	161	4.5	4.2	423
Influenza and pneumonia (J10-J18)	879	24.6	22.6	2,171
Influenza (J10-J11)	10	0.3	0.3	-
Pneumonia (J12-J18)	869	24.3	22.3	2,171
Acute bronchitis and bronchiolitis (J20-J21)	3	++	++	110
Chronic lower respiratory diseases (J40-J47)	2,191	61.2	57.1	3,810
Bronchitis, chronic and unspecified (J40-J42)	9	0.3	0.2	114
Emphysema (J43)	197	5.5	5.2	326
Asthma (J45-J46)	47	1.3	1.3	867
Other chronic lower respiratory diseases (J44,J47)	1,938	54.2	50.4	2,503
Pneumoconioses and chemical effects (J60-J66,J68)	12	0.3	0.3	18
Pneumonitis due to solids and liquids (J69)	200	5.6	5.1	182
Peptic ulcer (K25-K28)	49	1.4	1.3	131
Diseases of appendix (K35-K38)	4	++	++	58
Hernia (K40-K46)	32	0.9	0.8	63
Chronic liver disease and cirrhosis (K70,K73-K74)	444	12.4	11.9	4,321
Alcoholic liver disease (K70)	258	7.2	6.9	2,877
Other chronic liver disease and cirrhosis (K73-K74)	186	5.2	5.0	1,444
Cholelithiasis and other disorders of gallbladder (K80-K82)	47	1.3	1.2	102
Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	594	16.6	15.3	1,622
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01,N04)	1	++	++	53
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified (N02-N03,N05-N07,N26)	8	0.2	0.2	-
Renal failure (N17-N19)	585	16.4	15.1	1,569
Infections of kidney (N10-N12,N13.6,N15.1)	11	0.3	0.3	34
Hyperplasia of prostate (N40)	4	++	++	-
Pregnancy, childbirth and the puerperium (O00-O99)	15	0.4	0.4	444
Pregnancy with abortive outcome (O00-O07)	1	++	++	44
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	14	0.4	0.4	400
Certain conditions originating in the perinatal period (P00-P96)	174	4.9	4.5	11,245
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	159	4.4	4.3	7,918
Accidents (unintentional injuries) (V01-X59,Y85-Y86)	2,034	56.9	56.1	42,280

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

Table 28. Number of resident deaths, crude and age-adjusted mortality rates by cause of death: Oklahoma, 2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>Cause of death by ICD-10 Code</i>	<i>Deaths</i>	<i>Crude Death Rate</i>	<i>Age Adjusted Death Rate</i>	<i>YPLL65</i>
All deaths	35,392	988.8	919.4	182,099
Motor vehicle accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)	785	21.9	21.7	21,462
Other land transport accidents (V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9,V88.9,V89.1,V89.3,V89.9)	23	0.6	0.6	340
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)	30	0.8	0.8	609
Falls (W00-W19)	238	6.7	6.3	1,008
Accidental discharge of firearms (W32-W34)	9	0.3	0.3	272
Accidental drowning and submersion (W65-W74)	60	1.7	1.7	2,051
Accidental exposure to smoke, fire and flames (X00-X09)	62	1.7	1.7	1,602
Accidental poisoning and exposure to noxious substances (X40-X49)	478	13.4	13.8	11,423
Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99,X10-X39,X50-X59,Y86)	349	9.8	9.1	3,513
Intentional self-harm (suicide) (X60-X84,Y87.0)	532	14.9	14.9	11,389
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	314	8.8	8.7	5,829
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71,X75-X84,Y87.0)	218	6.1	6.2	5,560
Assault (homicide) (X85-Y09,Y87.1)	224	6.3	6.3	7,315
Assault (homicide) by discharge of firearms (X93-X95)	150	4.2	4.2	5,200
Assault (homicide) by other and unspecified means and their sequelae (X85-X92,X96-Y09,Y87.1)	74	2.1	2.1	2,115
Legal intervention (Y35,Y89.0)	7	0.2	0.2	114
Complications of medical and surgical care (Y40-Y84,Y88)	36	1.0	0.9	113
Non Rankable Causes	4,556	127.4	117.4	24,781
Missing	6	0.2	0.2	134
Certain other intestinal infections (A04,A07-A09)	106	3.0	2.7	186
Other and unspecified infectious and parasitic diseases and their sequelae (A00,A05,A20-A36,A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1,A85.8,A86-B04,B06-B09,B25-B49,B55-B99)	74	2.1	1.9	845
Other diseases of arteries, arterioles and capillaries (I72-I78)	109	3.0	2.8	209
Other disorders of circulatory system (I80-I99)	58	1.6	1.6	644
Unspecified acute lower respiratory infection (J22)	1	++	++	-
Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)	326	9.1	8.5	1,093
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	334	9.3	8.7	7,283
All other diseases (Residual) (D65-E07,E15-E34,E65-F99,G04-G12,G23-G25,G31-H93,K00-K22,K29-K31,K50-K66,K71-K72,K75-K76,K83-M99,N13.0-N13.5,N13.7-N13.9,N14,N15.0,N15.8-N15.9,N20-N23,N28-N39,N41-N64,N80-N98)	3,488	97.5	89.5	13,004
Discharge of firearms, undetermined intent (Y22-Y24)	2	++	++	61
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)	52	1.5	1.5	1,322

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

Table 29. 20 Leading Rankable Causes of Death among Males: Oklahoma, 2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Diseases of heart (I00-I09,I11,I13,I20-I51)	4,971	1,764,514	281.7	315.3	15,769
2 Malignant neoplasms (C00-C97)	3,903	1,764,514	221.2	236.4	12,850
3 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,288	1,764,514	73.0	75.0	29,236
4 Chronic lower respiratory diseases (J40-J47)	1,099	1,764,514	62.3	69.4	2,093
5 Cerebrovascular diseases (I60-I69)	816	1,764,514	46.2	53.1	1,915
6 Diabetes mellitus (E10-E14)	558	1,764,514	31.6	34.0	2,524
7 Intentional self-harm (suicide) (X60-X84,Y87.0)	422	1,764,514	23.9	24.4	9,101
8 Influenza and pneumonia (J10-J18)	395	1,764,514	22.4	26.5	905
9 Chronic liver disease and cirrhosis (K70,K73-K74)	311	1,764,514	17.6	17.5	3,172
10 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	284	1,764,514	16.1	18.6	1,070
11 Alzheimer's disease (G30)	266	1,764,514	15.1	18.9	15
12 Septicemia (A40-A41)	179	1,764,514	10.1	11.5	624
13 Assault (homicide) (X85-Y09,Y87.1)	170	1,764,514	9.6	9.4	5,594
14 Parkinson's disease (G20-G21)	143	1,764,514	8.1	9.8	19
15 Viral hepatitis (B15-B19)	108	1,764,514	6.1	6.0	1,255
16 Certain conditions originating in the perinatal period (P00-P96)	98	1,764,514	5.6	5.1	6,305
17 Aortic aneurysm and dissection (I71)	97	1,764,514	5.5	6.1	340
18 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	95	1,764,514	5.4	6.0	402
19 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	93	1,764,514	5.3	5.0	4,637
20 Pneumonitis due to solids and liquids (J69)	89	1,764,514	5.0	6.2	73

Table 30. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Males: Oklahoma, 2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,288	1,764,514	73.0	75.0	29,236
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	4,971	1,764,514	281.7	315.3	15,769
3 Malignant neoplasms (C00-C97)	3,903	1,764,514	221.2	236.4	12,850
4 Intentional self-harm (suicide) (X60-X84,Y87.0)	422	1,764,514	23.9	24.4	9,101
5 Certain conditions originating in the perinatal period (P00-P96)	98	1,764,514	5.6	5.1	6,305
6 Assault (homicide) (X85-Y09,Y87.1)	170	1,764,514	9.6	9.4	5,594
7 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	93	1,764,514	5.3	5.0	4,637
8 Chronic liver disease and cirrhosis (K70,K73-K74)	311	1,764,514	17.6	17.5	3,172
9 Diabetes mellitus (E10-E14)	558	1,764,514	31.6	34.0	2,524
10 Chronic lower respiratory diseases (J40-J47)	1,099	1,764,514	62.3	69.4	2,093
11 Cerebrovascular diseases (I60-I69)	816	1,764,514	46.2	53.1	1,915
12 Human immunodeficiency virus (HIV) disease (B20-B24)	72	1,764,514	4.1	4.2	1,367
13 Viral hepatitis (B15-B19)	108	1,764,514	6.1	6.0	1,255
14 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	284	1,764,514	16.1	18.6	1,070
15 Influenza and pneumonia (J10-J18)	395	1,764,514	22.4	26.5	905
16 Septicemia (A40-A41)	179	1,764,514	10.1	11.5	624
17 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	95	1,764,514	5.4	6.1	402
18 Aortic aneurysm and dissection (I71)	97	1,764,514	5.5	6.1	340
19 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	84	1,764,514	4.8	5.4	300
20 Anemias (D50-D64)	16	1,764,514	0.9	1.0	157

Table 31. 20 Leading Rankable Causes of Death among Females: Oklahoma, 2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Diseases of heart (I00-I09,I11,I13,I20-I51)	4,811	1,814,698	265.1	199.9	6,994
2 Malignant neoplasms (C00-C97)	3,582	1,814,698	197.4	165.5	12,602
3 Cerebrovascular diseases (I60-I69)	1,265	1,814,698	69.7	52.3	1,516
4 Chronic lower respiratory diseases (J40-J47)	1,092	1,814,698	60.2	49.2	1,717
5 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	746	1,814,698	41.1	38.2	13,044
6 Alzheimer's disease (G30)	662	1,814,698	36.5	26.1	24
7 Diabetes mellitus (E10-E14)	607	1,814,698	33.4	27.4	2,056
8 Influenza and pneumonia (J10-J18)	484	1,814,698	26.7	20.4	1,266
9 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	310	1,814,698	17.1	13.3	552
10 Septicemia (A40-A41)	229	1,814,698	12.6	10.1	945
11 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	149	1,814,698	8.2	5.9	169
12 Chronic liver disease and cirrhosis (K70,K73-K74)	133	1,814,698	7.3	6.8	1,149
13 Parkinson's disease (G20-G21)	129	1,814,698	7.1	5.5	32
14 Pneumonitis due to solids and liquids (J69)	111	1,814,698	6.1	4.5	109
15 Intentional self-harm (suicide) (X60-X84,Y87.0)	110	1,814,698	6.1	6.1	2,288
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	92	1,814,698	5.1	4.0	348
16	92	1,814,698	5.1	4.0	348
17 Certain conditions originating in the perinatal period (P00-P96)	75	1,814,698	4.1	4.1	4,875
18 Atherosclerosis (I70)	70	1,814,698	3.9	2.7	27
19 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	66	1,814,698	3.6	3.5	3,281
20 Aortic aneurysm and dissection (I71)	64	1,814,698	3.5	2.8	83

Table 32. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Females: Oklahoma, 2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	746	1,814,698	41.1	38.2	13,044
2 Malignant neoplasms (C00-C97)	3,582	1,814,698	197.4	165.5	12,602
3 Diseases of heart (I00-I09,I11,I13,I20-I51)	4,811	1,814,698	265.1	199.9	6,994
4 Certain conditions originating in the perinatal period (P00-P96)	75	1,814,698	4.1	4.1	4,875
5 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	66	1,814,698	3.6	3.5	3,281
6 Intentional self-harm (suicide) (X60-X84,Y87.0)	110	1,814,698	6.1	6.1	2,288
7 Diabetes mellitus (E10-E14)	607	1,814,698	33.4	27.4	2,056
8 Assault (homicide) (X85-Y09, Y87.1)	54	1,814,698	3.0	3.1	1,721
9 Chronic lower respiratory diseases (J40-J47)	1,092	1,814,698	60.2	49.2	1,717
10 Cerebrovascular diseases (I60-I69)	1,265	1,814,698	69.7	52.3	1,516
11 Influenza and pneumonia (J10-J18)	484	1,814,698	26.7	20.4	1,266
12 Chronic liver disease and cirrhosis (K70,K73-K74)	133	1,814,698	7.3	6.8	1,149
13 Septicemia (A40-A41)	229	1,814,698	12.6	10.1	945
14 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	310	1,814,698	17.1	13.3	552
15 Viral hepatitis (B15-B19)	51	1,814,698	2.8	2.5	491
16 Pregnancy, childbirth and the puerperium (O00-O99)	15	1,814,698	0.8	0.9	444
17 Human immunodeficiency virus (HIV) disease (B20-B24)	17	1,814,698	0.9	1.0	379
18 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	92	1,814,698	5.1	4.0	348
19 Essential (primary) hypertension and hypertensive renal disease (I10, I12)	149	1,814,698	8.2	5.9	169
20 Anemias (D50-D64)	35	1,814,698	1.9	1.5	110

Table 33. Number and percent of deaths, crude and age-adjusted mortality rates by gender: Oklahoma and each County, 2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

County	Male				Female			
	Deaths	% County Deaths	Death Rate	Age-Adjusted Death Rate	Deaths	% County Deaths	Death Rate	Age-Adjusted Death Rate
State	17,589	49.7	996.8	1,093.5	17,802	50.3	981.0	778.5
Adair	123	55.2	1,111.9	1,317.9	100	44.8	888.5	847.6
Alfalfa	38	56.7	1,158.9	956.3	29	43.3	1,211.4	561.1
Atoka	76	49.7	978.9	1,023.0	77	50.3	1,170.9	821.0
Beaver	28	56.0	1,039.3	984.2	22	44.0	832.7	469.8
Beckham	119	44.6	1,257.0	1,265.5	148	55.4	1,509.6	1,061.9
Blaine	81	49.1	1,091.4	1,217.6	84	50.9	1,581.3	934.7
Bryan	228	49.6	1,208.9	1,229.7	232	50.4	1,187.6	862.4
Caddo	189	50.9	1,267.1	1,367.2	182	49.1	1,201.6	916.7
Canadian	338	49.1	669.7	936.9	351	50.9	690.1	722.5
Carter	271	45.7	1,182.2	1,180.9	322	54.3	1,310.1	944.6
Cherokee	242	52.2	1,098.9	1,332.7	222	47.8	969.9	892.0
Choctaw	109	50.2	1,500.8	1,352.0	108	49.8	1,338.1	868.7
Cimarron	17	51.5	1,228.3	883.8	16	48.5	1,124.4	811.8
Cleveland	789	51.7	685.7	1,022.8	737	48.3	649.2	765.7
Coal	61	58.1	2,203.8	1,898.1	44	41.9	1,535.2	977.3
Comanche	450	50.4	817.7	1,088.3	442	49.6	816.3	773.9
Cotton	47	53.4	1,452.0	1,372.6	41	46.6	1,260.0	753.5
Craig	97	47.5	1,279.9	1,202.4	107	52.5	1,433.0	958.0
Creek	384	48.2	1,134.4	1,159.5	412	51.8	1,167.3	923.6
Custer	146	51.4	1,172.2	1,233.1	138	48.6	1,052.6	758.2
Delaware	223	49.7	1,130.5	948.8	226	50.3	1,111.3	758.2
Dewey	23	31.9	1,042.6	792.1	49	68.1	2,159.5	996.5
Ellis	30	50.8	1,548.0	1,081.8	29	49.2	1,469.1	673.1
Garfield	319	48.4	1,156.5	1,087.6	340	51.6	1,153.1	758.4
Garvin	168	48.7	1,270.8	1,164.9	177	51.3	1,250.4	789.8
Grady	253	51.3	1,019.5	1,194.4	240	48.7	934.8	823.9
Grant	33	53.2	1,441.0	1,064.2	29	46.8	1,227.3	547.8
Greer	47	52.2	1,400.9	1,267.5	43	47.8	1,713.8	899.5
Harmon	21	43.8	1,420.8	1,078.3	27	56.3	1,726.3	932.6
Harper	24	50.0	1,458.1	1,059.8	24	50.0	1,410.1	685.6
Haskell	67	49.3	1,121.7	1,025.2	69	50.7	1,116.1	753.6
Hughes	83	48.0	1,153.1	1,092.3	90	52.0	1,344.3	779.0
Jackson	146	48.5	1,137.3	1,401.6	155	51.5	1,173.8	984.2
Jefferson	49	47.6	1,573.0	1,201.8	54	52.4	1,651.4	1,062.0
Johnston	63	49.6	1,230.5	1,213.0	64	50.4	1,203.9	891.2
Kay	268	46.7	1,201.0	1,083.7	306	53.3	1,298.0	814.1
Kingfisher	60	38.5	853.6	806.6	96	61.5	1,317.4	889.0
Kiowa	79	40.9	1,633.9	1,417.2	114	59.1	2,306.3	1,140.0
Latimer	75	56.0	1,434.0	1,279.3	59	44.0	1,106.5	858.4
Leflore	310	56.3	1,232.6	1,310.4	241	43.7	966.8	753.9

Table 33. Number and percent of deaths, crude and age-adjusted mortality rates by gender: Oklahoma and each County, 2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

County	Male				Female			
	Deaths	% County Deaths	Death Rate	Age-Adjusted Death Rate	Deaths	% County Deaths	Death Rate	Age-Adjusted Death Rate
State	17,589	49.7	996.8	1,093.5	17,802	50.3	981.0	778.5
Lincoln	174	49.2	1,078.1	1,114.2	180	50.8	1,078.1	889.2
Logan	153	48.1	836.2	995.6	165	51.9	883.5	760.5
Love	64	64.0	1,401.4	1,252.0	36	36.0	783.5	524.0
McClain	143	50.7	927.8	1,043.6	139	49.3	889.5	816.9
McCurtain	217	53.4	1,325.4	1,440.7	189	46.6	1,071.1	868.7
McIntosh	146	56.2	1,537.5	1,161.2	114	43.8	1,095.8	670.0
Major	42	42.9	1,179.4	905.5	56	57.1	1,486.2	805.7
Marshall	91	54.5	1,269.7	1,133.8	76	45.5	1,028.3	631.9
Mayes	225	55.4	1,134.4	1,094.3	181	44.6	907.8	692.3
Murray	117	59.4	1,827.3	1,459.5	80	40.6	1,222.9	826.8
Muskogee	420	51.1	1,219.5	1,196.3	402	48.9	1,099.0	758.5
Noble	55	47.8	988.3	886.2	60	52.2	1,073.9	737.1
Nowata	59	54.1	1,107.8	1,011.8	50	45.9	915.9	540.9
Okfuskee	74	51.7	1,254.0	1,166.2	69	48.3	1,261.7	835.6
Oklahoma	3,084	49.7	915.6	1,058.5	3,120	50.3	880.2	734.1
Okmulgee	229	49.7	1,183.0	1,187.2	232	50.3	1,142.1	825.9
Osage	227	54.4	985.4	1,025.4	190	45.6	844.0	681.6
Ottawa	203	47.1	1,261.2	1,177.3	228	52.9	1,346.7	899.8
Pawnee	80	48.5	958.7	730.0	85	51.5	1,000.1	754.7
Payne	250	48.9	660.0	843.4	261	51.1	726.2	622.9
Pittsburg	308	49.1	1,344.1	1,239.8	319	50.9	1,444.3	875.7
Pontotoc	199	52.4	1,159.9	1,172.1	181	47.6	994.8	734.9
Pottawatomie	342	47.2	1,034.0	1,090.6	383	52.8	1,077.0	863.3
Pushmataha	77	48.7	1,372.8	1,151.6	81	51.3	1,342.8	857.5
Roger Mills	25	58.1	1,526.3	1,273.3	18	41.9	1,087.6	609.1
Rogers	360	49.2	888.2	1,055.9	372	50.8	887.7	858.3
Seminole	161	48.5	1,344.6	1,283.5	171	51.5	1,349.0	957.5
Sequoyah	241	56.2	1,186.2	1,269.9	188	43.8	893.6	748.6
Stephens	283	51.9	1,342.8	1,197.6	262	48.1	1,181.9	734.8
Texas	73	52.1	697.2	965.4	67	47.9	686.0	740.3
Tillman	50	42.4	1,197.3	1,034.9	68	57.6	1,579.2	858.5
Tulsa	2,542	47.9	899.5	1,087.7	2,762	52.1	935.6	777.4
Wagoner	235	52.8	713.9	976.0	210	47.2	628.8	773.6
Washington	267	45.8	1,125.1	968.5	316	54.2	1,238.7	776.2
Washita	62	42.8	1,107.1	976.4	83	57.2	1,387.3	791.0
Woods	42	44.2	963.5	825.3	53	55.8	1,316.4	598.1
Woodward	91	46.2	930.1	967.4	106	53.8	1,122.0	794.9
Unknown	4	57.1	-	-	3	42.9	-	-

Table 34. 20 Leading Rankable Causes of Death among Whites: Oklahoma, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Diseases of heart (I00-I09,I11,I13,I20-I51)	46,581	14,251,116	326.9	275.9	90,792
2 Malignant neoplasms (C00-C97)	32,534	14,251,116	228.3	197.2	104,644
3 Cerebrovascular diseases (I60-I69)	10,078	14,251,116	70.7	59.4	14,104
4 Chronic lower respiratory diseases (J40-J47)	9,899	14,251,116	69.5	59.3	13,542
5 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	7,803	14,251,116	54.8	52.4	150,564
6 Diabetes mellitus (E10-E14)	4,317	14,251,116	30.3	26.1	13,065
7 Influenza and pneumonia (J10-J18)	4,117	14,251,116	28.9	24.3	8,600
8 Alzheimer's disease (G30)	4,004	14,251,116	28.1	23.2	208
9 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	2,280	14,251,116	16.0	13.5	4,509
10 Intentional self-harm (suicide) (X60-X84,Y87.0)	2,192	14,251,116	15.4	15.1	45,452
11 Septicemia (A40-A41)	1,792	14,251,116	12.6	10.8	6,573
12 Chronic liver disease and cirrhosis (K70,K73-K74)	1,596	14,251,116	11.2	10.1	13,202
13 Atherosclerosis (I70)	1,167	14,251,116	8.2	6.7	466
14 Parkinson's disease (G20-G21)	1,149	14,251,116	8.1	6.8	148
15 Pneumonitis due to solids and liquids (J69)	1,139	14,251,116	8.0	6.7	1,301
16 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	1,064	14,251,116	7.5	6.2	1,593
17 Aortic aneurysm and dissection (I71)	834	14,251,116	5.9	5.0	1,866
18 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	783	14,251,116	5.5	4.7	3,314
19 Assault (homicide) (X85-Y09,Y87.1)	648	14,251,116	4.5	4.6	19,284
20 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	628	14,251,116	4.4	4.4	27,994

Table 35. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Whites: Oklahoma, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	7,803	14,251,116	54.8	52.4	150,564
2 Malignant neoplasms (C00-C97)	32,534	14,251,116	228.3	197.2	104,644
3 Diseases of heart (I00-I09,I11,I13,I20-I51)	46,581	14,251,116	326.9	275.9	90,792
4 Intentional self-harm (suicide) (X60-X84,Y87.0)	2,192	14,251,116	15.4	15.1	45,452
5 Certain conditions originating in the perinatal period (P00-P96)	531	14,251,116	3.7	3.9	34,217
6 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	628	14,251,116	4.4	4.4	27,994
7 Assault (homicide) (X85-Y09,Y87.1)	648	14,251,116	4.5	4.6	19,284
8 Cerebrovascular diseases (I60-I69)	10,078	14,251,116	70.7	59.4	14,104
9 Chronic lower respiratory diseases (J40-J47)	9,899	14,251,116	69.5	59.3	13,542
10 Chronic liver disease and cirrhosis (K70,K73-K74)	1,596	14,251,116	11.2	10.1	13,202
11 Diabetes mellitus (E10-E14)	4,317	14,251,116	30.3	26.1	13,065
12 Influenza and pneumonia (J10-J18)	4,117	14,251,116	28.9	24.3	8,600
13 Septicemia (A40-A41)	1,792	14,251,116	12.6	10.8	6,573
14 Viral hepatitis (B15-B19)	520	14,251,116	3.6	3.4	6,154
15 Human immunodeficiency virus (HIV) disease (B20-B24)	295	14,251,116	2.1	2.1	5,861
16 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	2,280	14,251,116	16.0	13.5	4,509
17 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	783	14,251,116	5.5	4.7	3,314
18 Aortic aneurysm and dissection (I71)	834	14,251,116	5.9	5.0	1,866
19 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	1,064	14,251,116	7.5	6.2	1,593
20 Pregnancy, childbirth and the puerperium (O00-O99)	49	14,251,116	0.3	0.3	1,471

Table 36. 20 Leading Rankable Causes of Death among African Americans: Oklahoma, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Diseases of heart (I00-I09,I11,I13,I20-I51)	3,049	1,471,669	207.2	331.4	13,888
2 Malignant neoplasms (C00-C97)	2,255	1,471,669	153.2	241.6	10,580
3 Cerebrovascular diseases (I60-I69)	789	1,471,669	53.6	85.9	3,887
4 Diabetes mellitus (E10-E14)	595	1,471,669	40.4	65.1	2,678
5 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	517	1,471,669	35.1	40.8	13,291
6 Chronic lower respiratory diseases (J40-J47)	324	1,471,669	22.0	36.0	1,400
7 Assault (homicide) (X85-Y09,Y87.1)	290	1,471,669	19.7	18.9	10,147
8 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	282	1,471,669	19.2	31.1	1,272
9 Alzheimer's disease (G30)	201	1,471,669	13.7	24.8	3
10 Certain conditions originating in the perinatal period (P00-P96)	191	1,471,669	13.0	8.7	12,388
11 Septicemia (A40-A41)	176	1,471,669	12.0	18.2	1,561
12 Influenza and pneumonia (J10-J18)	176	1,471,669	12.0	19.4	818
13 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	152	1,471,669	10.3	16.6	700
14 Human immunodeficiency virus (HIV) disease (B20-B24)	108	1,471,669	7.3	8.4	2,380
15 Intentional self-harm (suicide) (X60-X84,Y87.0)	108	1,471,669	7.3	7.6	3,272
16 Chronic liver disease and cirrhosis (K70,K73-K74)	102	1,471,669	6.9	8.9	1,176
17 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	87	1,471,669	5.9	4.6	4,784
18 Atherosclerosis (I70)	66	1,471,669	4.5	7.8	39
19 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	47	1,471,669	3.2	5.0	265
20 Aortic aneurysm and dissection (I71)	47	1,471,669	3.2	4.9	344

Table 37. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among African Americans: Oklahoma, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Diseases of heart (I00-I09,I11,I13,I20-I51)	3,049	1,471,669	207.2	331.4	13,888
2 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	517	1,471,669	35.1	40.8	13,291
3 Certain conditions originating in the perinatal period (P00-P96)	191	1,471,669	13.0	8.7	12,388
4 Malignant neoplasms (C00-C97)	2,255	1,471,669	153.2	241.6	10,580
5 Assault (homicide) (X85-Y09,Y87.1)	290	1,471,669	19.7	18.9	10,147
6 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	87	1,471,669	5.9	4.6	4,784
7 Cerebrovascular diseases (I60-I69)	789	1,471,669	53.6	85.9	3,887
8 Intentional self-harm (suicide) (X60-X84,Y87.0)	108	1,471,669	7.3	7.6	3,272
9 Diabetes mellitus (E10-E14)	595	1,471,669	40.4	65.1	2,678
10 Human immunodeficiency virus (HIV) disease (B20-B24)	108	1,471,669	7.3	8.4	2,380
11 Septicemia (A40-A41)	176	1,471,669	12.0	18.2	1,561
12 Chronic lower respiratory diseases (J40-J47)	324	1,471,669	22.0	36.0	1,400
13 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	282	1,471,669	19.2	31.1	1,272
14 Chronic liver disease and cirrhosis (K70,K73-K74)	102	1,471,669	6.9	8.9	1,176
15 Influenza and pneumonia (J10-J18)	176	1,471,669	12.0	19.4	818
16 Anemias (D50-D64)	46	1,471,669	3.1	4.2	775
17 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	152	1,471,669	10.3	16.6	700
18 Legal intervention (Y35, Y89.0)	16	1,471,669	1.1	1.1	501
19 Pregnancy, childbirth and the puerperium (O00-O99)	13	1,471,669	0.9	0.8	496
20 Aortic aneurysm and dissection (I71)	47	1,471,669	3.2	4.9	344

Table 38. 20 Leading Rankable Causes of Death among American Indians: Oklahoma, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Diseases of heart (I00-I09,I11,I13,I20-I51)	2,408	1,591,502	151.3	227.9	10,403
2 Malignant neoplasms (C00-C97)	1,902	1,591,502	119.5	170.5	9,747
3 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	874	1,591,502	54.9	60.9	23,077
4 Diabetes mellitus (E10-E14)	711	1,591,502	44.7	64.4	3,479
5 Cerebrovascular diseases (I60-I69)	446	1,591,502	28.0	44.3	1,268
6 Chronic lower respiratory diseases (J40-J47)	407	1,591,502	25.6	39.3	1,058
7 Chronic liver disease and cirrhosis (K70,K73-K74)	308	1,591,502	19.4	24.2	3,560
8 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	211	1,591,502	13.3	19.6	1,058
9 Influenza and pneumonia (J10-J18)	194	1,591,502	12.2	18.7	1,483
10 Intentional self-harm (suicide) (X60-X84,Y87.0)	189	1,591,502	11.9	12.4	5,692
11 Septicemia (A40-A41)	163	1,591,502	10.2	15.2	1,054
12 Alzheimer's disease (G30)	124	1,591,502	7.8	13.7	5
13 Assault (homicide) (X85-Y09,Y87.1)	111	1,591,502	7.0	7.1	3,665
14 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	83	1,591,502	5.2	8.2	250
15 Certain conditions originating in the perinatal period (P00-P96)	83	1,591,502	5.2	4.0	5,326
16 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	64	1,591,502	4.0	3.5	3,389
17 Viral hepatitis (B15-B19)	53	1,591,502	3.3	4.0	736
18 Atherosclerosis (I70)	51	1,591,502	3.2	5.1	76
19 Parkinson's disease (G20-G21)	47	1,591,502	3.0	5.0	10
20 Pneumonitis due to solids and liquids (J69)	46	1,591,502	2.9	4.7	108

Table 39. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among American Indians: Oklahoma, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	874	1,591,502	54.9	60.9	23,077
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	2,408	1,591,502	151.3	227.9	10,403
3 Malignant neoplasms (C00-C97)	1,902	1,591,502	119.5	170.5	9,747
4 Intentional self-harm (suicide) (X60-X84,Y87.0)	189	1,591,502	11.9	12.4	5,692
5 Certain conditions originating in the perinatal period (P00-P96)	83	1,591,502	5.2	4.0	5,326
6 Assault (homicide) (X85-Y09,Y87.1)	111	1,591,502	7.0	7.1	3,665
7 Chronic liver disease and cirrhosis (K70,K73-K74)	308	1,591,502	19.4	24.2	3,560
8 Diabetes mellitus (E10-E14)	711	1,591,502	44.7	64.4	3,479
9 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	64	1,591,502	4.0	3.5	3,389
10 Influenza and pneumonia (J10-J18)	194	1,591,502	12.2	18.7	1,483
11 Cerebrovascular diseases (I60-I69)	446	1,591,502	28.0	44.3	1,268
12 Chronic lower respiratory diseases (J40-J47)	407	1,591,502	25.6	39.3	1,058
13 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	211	1,591,502	13.3	19.6	1,058
14 Septicemia (A40-A41)	163	1,591,502	10.2	15.2	1,054
15 Viral hepatitis (B15-B19)	53	1,591,502	3.3	4.0	736
16 Human immunodeficiency virus (HIV) disease (B20-B24)	31	1,591,502	1.9	2.3	732
17 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	83	1,591,502	5.2	8.2	250
18 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	43	1,591,502	2.7	4.3	215
19 Aortic aneurysm and dissection (I71)	39	1,591,502	2.5	3.8	186
20 Meningitis (G00, G03)	7	1,591,502	0.4	0.5	173

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

Table 40. 20 Leading Rankable Causes of Death among Asian/Pacific Islanders: Oklahoma, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Malignant neoplasms (C00-C97)	181	323,988	55.9	101.1	1,040
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	160	323,988	49.4	122.1	609
3 Cerebrovascular diseases (I60-I69)	66	323,988	20.4	47.1	291
4 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	61	323,988	18.8	25.0	1,589
5 Diabetes mellitus (E10-E14)	22	323,988	6.8	15.1	121
6 Intentional self-harm (suicide) (X60-X84,Y87.0)	18	323,988	5.6	5.2	515
7 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	14	323,988	4.3	3.7	808
8 Chronic lower respiratory diseases (J40-J47)	13	323,988	4.0	10.4	58
9 Assault (homicide) (X85-Y09,Y87.1)	11	323,988	3.4	4.4	207
10 Septicemia (A40-A41)	10	323,988	3.1	6.4	103
11 Alzheimer's disease (G30)	10	323,988	3.1	9.7	3
12 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	10	323,988	3.1	8.2	44
13 Certain conditions originating in the perinatal period (P00-P96)	10	323,988	3.1	2.4	650
14 Influenza and pneumonia (J10-J18)	8	323,988	2.5	5.7	145
15 Viral hepatitis (B15-B19)	6	323,988	1.9	2.4	34
16 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	6	323,988	1.9	5.1	10
17 Chronic liver disease and cirrhosis (K70, K73-74)	5	323,988	1.5	1.8	63
18 Parkinson's disease (G20-G21)	4	323,988	++	++	14
19 Aortic aneurysm and dissection (I71)	4	323,988	++	++	42
20 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	3	323,988	++	++	2

Table 41. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Asian/Pacific Islanders: Oklahoma, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	61	323,988	18.8	25.0	1,589
2 Malignant neoplasms (C00-C97)	181	323,988	55.9	101.1	1,040
3 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	14	323,988	4.3	3.7	808
4 Certain conditions originating in the perinatal period (P00-P96)	10	323,988	3.1	2.4	650
5 Diseases of heart (I00-I09,I11,I13,I20-I51)	160	323,988	49.4	122.1	609
6 Intentional self-harm (suicide) (X60-X84,Y87.0)	18	323,988	5.6	5.2	515
7 Cerebrovascular diseases (I60-I69)	66	323,988	20.4	47.1	291
8 Assault (homicide) (X85-Y09,Y87.1)	11	323,988	3.4	4.4	207
9 Influenza and pneumonia (J10-J18)	8	323,988	2.5	5.7	145
10 Diabetes mellitus (E10-E14)	22	323,988	6.8	15.1	121
11 Septicemia (A40-A41)	10	323,988	3.1	6.4	103
12 Acute bronchitis and bronchiolitis (J20-J21)	1	323,988	++	++	65
13 Chronic liver disease and cirrhosis (K70, K73-74)	5	323,988	1.5	1.8	63
14 Chronic lower respiratory diseases (J40-J47)	13	323,988	4.0	10.4	58
15 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	10	323,988	3.1	8.2	44
16 Aortic aneurysm and dissection (I71)	4	323,988	++	++	42
17 Viral hepatitis (B15-B19)	6	323,988	1.9	2.4	34
18 Pregnancy, childbirth and the puerperium (O00-O99)	1	323,988	++	++	31
19 Parkinson's disease (G20-G21)	4	323,988	++	++	14
20 Essential (primary) hypertension and hypertensive renal disease (I10,I12)	6	323,988	1.9	5.1	10

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

Table 42. Number of deaths by the race of the decedent: Oklahoma and each County, 2006

County	Total	Race of decedent					Hispanic
		White	Black	Indian	Asian/PI	Unknown	
State	35,392	30,784	2,281	2,170	157	-	488
Adair	223	146	-	77	-	-	3
Alfalfa	67	66	-	1	-	-	-
Atoka	153	136	8	8	1	-	-
Beaver	50	50	-	-	-	-	-
Beckham	267	259	4	4	-	-	8
Blaine	165	145	6	14	-	-	-
Bryan	460	433	4	21	2	-	3
Caddo	371	281	11	79	-	-	9
Canadian	689	648	10	23	8	-	5
Carter	593	506	42	45	-	-	5
Cherokee	464	335	4	125	-	-	3
Choctaw	217	176	23	18	-	-	-
Cimarron	33	33	-	-	-	-	-
Cleveland	1,526	1,429	40	47	10	-	17
Coal	105	95	1	9	-	-	1
Comanche	892	705	117	57	13	-	18
Cotton	88	82	1	5	-	-	4
Craig	204	174	3	27	-	-	-
Creek	796	727	26	43	-	-	6
Custer	284	256	10	17	1	-	5
Delaware	449	375	1	72	1	-	3
Dewey	72	71	-	1	-	-	-
Ellis	59	58	1	-	-	-	1
Garfield	659	631	18	6	4	-	6
Garvin	345	329	3	13	-	-	1
Grady	493	459	15	19	-	-	6
Grant	62	62	-	-	-	-	1
Greer	90	85	4	-	1	-	3
Harmon	48	46	2	-	-	-	2
Harper	48	45	1	2	-	-	2
Haskell	136	125	-	11	-	-	-
Hughes	173	142	1	30	-	-	-
Jackson	301	286	13	2	-	-	19
Jefferson	103	100	1	2	-	-	-
Johnston	127	113	-	14	-	-	-
Kay	574	532	10	30	2	-	4
Kingfisher	156	146	6	4	-	-	2
Kiowa	193	173	10	10	-	-	7
Latimer	134	121	-	12	1	-	1
Leflore	551	496	15	38	2	-	6

Table 42. Number of deaths by the race of the decedent: Oklahoma and each County, 2006

<i>County</i>	<i>Total</i>	<i>Race of decedent</i>					<i>Hispanic</i>
		<i>White</i>	<i>Black</i>	<i>Indian</i>	<i>Asian/PI</i>	<i>Unknown</i>	
State	35,392	30,784	2,281	2,170	157	-	488
Lincoln	354	330	5	18	1	-	1
Logan	318	296	18	3	1	-	1
Love	100	97	2	1	-	-	-
McClain	282	274	1	7	-	-	4
McCurtain	406	330	37	39	-	-	4
McIntosh	260	217	9	34	-	-	2
Major	98	97	-	1	-	-	-
Marshall	167	154	1	12	-	-	1
Mayes	407	345	-	62	-	-	3
Murray	197	185	1	10	1	-	2
Muskogee	822	625	107	88	2	-	4
Noble	115	107	1	7	-	-	-
Nowata	109	94	6	9	-	-	1
Okfuskee	143	105	9	29	-	-	-
Oklahoma	6,204	5,097	868	174	65	-	170
Okmulgee	461	362	60	39	-	-	3
Osage	417	338	32	47	-	-	1
Ottawa	431	366	1	62	2	-	1
Pawnee	165	149	2	14	-	-	-
Payne	511	482	11	17	1	-	5
Pittsburg	627	554	19	52	2	-	8
Pontotoc	380	319	10	50	1	-	4
Pottawatomie	725	643	11	71	-	-	1
Pushmataha	158	141	-	17	-	-	-
Roger Mills	43	42	-	1	-	-	-
Rogers	732	667	4	59	2	-	3
Seminole	332	268	21	43	-	-	1
Sequoyah	429	375	11	43	-	-	-
Stephens	545	526	7	11	1	-	4
Texas	140	137	-	3	-	-	8
Tillman	118	106	10	2	-	-	5
Tulsa	5,304	4,509	571	195	29	-	83
Wagoner	445	404	22	19	-	-	4
Washington	583	531	12	38	2	-	5
Washita	145	142	-	3	-	-	3
Woods	95	95	-	-	-	-	-
Woodward	197	192	-	4	1	-	5
Unknown	7	6	1	-	-	-	-

Table 43. 10 Leading Rankable Causes of Death among Infants (< 1 year of age): Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Certain conditions originating in the perinatal period (P00-P96)	800	258,126	309.9	52,000
2 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	450	250,812	179.4	29,250
3 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	61	250,812	24.3	3,965
4 Septicemia (A40-A41)	33	250,812	13.2	2,145
5 Influenza and pneumonia (J10-J18)	28	250,812	11.2	1,820
6 Diseases of heart (I00-I09,I11,I13,I20-I51)	27	250,812	10.8	1,755
7 Assault (homicide) (X85-Y09,Y87.1)	22	250,812	8.8	1,430
8 Cerebrovascular diseases (I60-I69)	21	250,812	8.4	1,365
9 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	20	250,812	8.0	1,300
10 Acute bronchitis and bronchiolitis (J20-J21)	11	250,812	4.4	715

Table 44. 10 Leading Rankable Causes of Death among residents age 1-4: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	154	985,743	15.6	9,639
2 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	42	985,743	4.3	2,661
3 Assault (homicide) (X85-Y09,Y87.1)	31	985,743	3.1	1,955
4 Malignant neoplasms (C00-C97)	27	985,743	2.7	1,686
5 Diseases of heart (I00-I09,I11,I13,I20-I51)	14	985,743	1.4	883
6 Septicemia (A40-A41)	10	985,743	1.0	628
7 Influenza and pneumonia (J10-J18)	10	985,743	0.7	634
8 Cerebrovascular diseases (I60-I69)	7	985,743	0.7	441
9 Certain conditions originating in the perinatal period (P00-P96)	7	985,743	0.7	440
10 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	5	985,743	0.5	312

Table 45. 10 Leading Rankable Causes of Death among residents age 5-9: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	118	1,188,902	9.9	6,855
2 Malignant neoplasms (C00-C97)	28	1,188,902	2.4	1,628
3 Assault (homicide) (X85-Y09,Y87.1)	12	1,188,902	1.0	696
4 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	9	1,188,902	0.8	522
5 Diseases of heart (I00-I09,I11,I13,I20-I51)	5	1,188,902	0.4	293

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 46. 10 Leading Rankable Causes of Death among Residents age 10-14: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	105	1,243,699	8.4	5,520
2 Intentional self-harm (suicide) (X60-X84,Y87.0)	31	1,243,699	2.5	1,609
3 Malignant neoplasms (C00-C97)	19	1,243,699	1.5	1,004
4 Assault (homicide) (X85-Y09,Y87.1)	19	1,243,699	1.5	994
5 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	14	1,243,699	1.1	737
6 Chronic lower respiratory diseases (J40-J47)	9	1,243,699	0.7	473
7 Diseases of heart (I00-I09,I11,I13,I20-I51)	8	1,243,699	0.6	423
7 Influenza and pneumonia (J10-J18)	8	1,243,699	0.6	429

Table 47. 10 Leading Rankable Causes of Residents among Children age 15-17: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	287	763,350	37.6	13,989
2 Intentional self-harm (suicide) (X60-X84,Y87.0)	52	763,350	6.8	2,538
3 Assault (homicide) (X85-Y09,Y87.1)	40	763,350	5.2	1,952
4 Malignant neoplasms (C00-C97)	23	763,350	3.0	1,123
5 Diseases of heart (I00-I09,I11,I13,I20-I51)	19	763,350	2.5	926
6 Chronic lower respiratory diseases (J40-J47)	6	763,350	0.8	291

Table 48. 10 Leading Rankable Causes of Death among Residents age 18-19: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	327	493,518	66.3	15,204
2 Intentional self-harm (suicide) (X60-X84,Y87.0)	79	493,518	16.0	3,669
3 Assault (homicide) (X85-Y09,Y87.1)	41	493,518	8.3	1,903
4 Malignant neoplasms (C00-C97)	25	493,518	5.1	1,162
5 Diseases of heart (I00-I09,I11,I13,I20-I51)	19	493,518	3.8	886
6 Influenza and pneumonia (J10-J18)	7	493,518	1.4	328
7 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	5	493,518	1.0	234

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 49. 10 Leading Rankable Causes of Death among residents age 20-24: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	690	1,383,909	49.9	29,708
2 Intentional self-harm (suicide) (X60-X84,Y87.0)	219	1,383,909	15.8	9,413
3 Assault (homicide) (X85-Y09,Y87.1)	186	1,383,909	13.4	7,984
4 Malignant neoplasms (C00-C97)	52	1,383,909	3.8	2,219
5 Diseases of heart (I00-I09,I11,I13,I20-I51)	43	1,383,909	3.1	1,847
6 Pregnancy, childbirth and the puerperium (O00-O99)	19	1,383,909	1.4	814
7 Diabetes mellitus (E10-E14)	16	1,383,909	1.2	680
8 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15	1,383,909	1.1	644
9 Cerebrovascular diseases (I60-I69)	14	1,383,909	1.0	604
10 Influenza and pneumonia (J10-J18)	11	1,383,909	0.8	475

Table 50. 10 Leading Rankable Causes of Death among residents age 25-29: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	558	1,188,740	46.9	21,283
2 Intentional self-harm (suicide) (X60-X84,Y87.0)	198	1,188,740	16.7	7,541
3 Assault (homicide) (X85-Y09,Y87.1)	133	1,188,740	11.2	6,142
4 Malignant neoplasms (C00-C97)	93	1,188,740	7.8	3,531
5 Diseases of heart (I00-I09,I11,I13,I20-I51)	76	1,188,740	6.4	2,850
6 Diabetes mellitus (E10-E14)	24	1,188,740	2.0	896
7 Human immunodeficiency virus (HIV) disease (B20-B24)	17	1,188,740	1.4	641
8 Cerebrovascular diseases (I60-I69)	15	1,188,740	1.3	573
8 Influenza and pneumonia (J10-J18)	15	1,188,740	1.3	567
8 Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15	1,188,740	1.3	572

Table 51. 10 Leading Rankable Causes of Death among Residents age 30-34: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	553	1,124,310	49.2	18,182
2 Intentional self-harm (suicide) (X60-X84,Y87.0)	223	1,124,310	19.8	7,369
3 Malignant neoplasms (C00-C97)	165	1,124,310	14.7	5,409
4 Diseases of heart (I00-I09,I11,I13,I20-I51)	134	1,124,310	11.9	4,394
5 Assault (homicide) (X85-Y09,Y87.1)	115	1,124,310	10.2	3,797
6 Human immunodeficiency virus (HIV) disease (B20-B24)	35	1,124,310	3.1	1,140
7 Diabetes mellitus (E10-E14)	35	1,124,310	3.1	1,147
8 Cerebrovascular diseases (I60-I69)	30	1,124,310	2.7	986
9 Septicemia (A40-A41)	25	1,124,310	2.2	819
10 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	20	1,124,310	1.8	654

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 52. 10 Leading Rankable Causes of Death among residents age 35-39: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	618	1,138,715	54.3	17,230
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	305	1,138,715	26.8	8,429
3 Malignant neoplasms (C00-C97)	296	1,138,715	26.0	8,266
4 Intentional self-harm (suicide) (X60-X84,Y87.0)	230	1,138,715	20.2	6,424
5 Assault (homicide) (X85-Y09,Y87.1)	92	1,138,715	8.1	2,564
6 Human immunodeficiency virus (HIV) disease (B20-B24)	64	1,138,715	5.6	1,791
7 Diabetes mellitus (E10-E14)	59	1,138,715	5.2	1,642
8 Cerebrovascular diseases (I60-I69)	55	1,138,715	4.8	1,534
9 Chronic liver disease and cirrhosis (K70,K73-K74)	43	1,138,715	3.8	1,189
10 Influenza and pneumonia (J10-J18)	33	1,138,715	2.9	910

Table 53. 10 Leading Rankable Causes of Death among residents age 40-44: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	815	1,292,452	63.1	18,663
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	755	1,292,452	58.4	17,105
3 Malignant neoplasms (C00-C97)	648	1,292,452	50.1	14,702
4 Intentional self-harm (suicide) (X60-X84,Y87.0)	295	1,292,452	22.8	6,775
5 Chronic liver disease and cirrhosis (K70,K73-K74)	163	1,292,452	12.6	3,694
6 Diabetes mellitus (E10-E14)	128	1,292,452	9.9	2,933
7 Cerebrovascular diseases (I60-I69)	119	1,292,452	9.2	2,706
8 Human immunodeficiency virus (HIV) disease (B20-B24)	109	1,292,452	8.4	2,502
9 Assault (homicide) (X85-Y09,Y87.1)	97	1,292,452	7.5	2,243
10 Influenza and pneumonia (J10-J18)	61	1,292,452	4.7	1,377

Table 54. 10 Leading Rankable Causes of Death among Residents age 45-49: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Malignant neoplasms (C00-C97)	1,305	1,285,573	101.5	23,229
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	1,214	1,285,573	94.4	21,656
3 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	853	1,285,573	66.4	15,471
4 Intentional self-harm (suicide) (X60-X84,Y87.0)	273	1,285,573	21.2	4,900
5 Chronic liver disease and cirrhosis (K70,K73-K74)	255	1,285,573	19.8	4,566
6 Diabetes mellitus (E10-E14)	188	1,285,573	14.6	3,347
7 Cerebrovascular diseases (I60-I69)	174	1,285,573	13.5	3,150
8 Viral hepatitis (B15-B19)	131	1,285,573	10.2	2,355
9 Chronic lower respiratory diseases (J40-J47)	111	1,285,573	8.6	1,956
10 Human immunodeficiency virus (HIV) disease (B20-B24)	86	1,285,573	6.7	1,577

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 55. 10 Leading Rankable Causes of Death among residents age 50-54: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Malignant neoplasms (C00-C97)	2,077	1,154,290	179.9	26,672
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	1,920	1,154,290	166.3	24,547
3 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	604	1,154,290	52.3	7,936
4 Chronic liver disease and cirrhosis (K70,K73-K74)	349	1,154,290	30.2	4,567
5 Diabetes mellitus (E10-E14)	303	1,154,290	26.2	3,850
6 Cerebrovascular diseases (I60-I69)	289	1,154,290	25.0	3,719
7 Chronic lower respiratory diseases (J40-J47)	250	1,154,290	21.7	3,191
8 Intentional self-harm (suicide) (X60-X84,Y87.0)	222	1,154,290	19.2	2,919
9 Viral hepatitis (B15-B19)	145	1,154,290	12.6	1,893
10 Influenza and pneumonia (J10-J18)	103	1,154,290	8.9	1,336

Table 56. 10 Leading Rankable Causes of Death among residents age 55-59: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Malignant neoplasms (C00-C97)	3,014	1,010,882	298.2	23,632
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	2,546	1,010,882	251.9	20,184
3 Chronic lower respiratory diseases (J40-J47)	502	1,010,882	49.7	3,858
4 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	478	1,010,882	47.3	3,872
5 Diabetes mellitus (E10-E14)	387	1,010,882	38.3	3,072
6 Cerebrovascular diseases (I60-I69)	351	1,010,882	34.7	2,788
7 Chronic liver disease and cirrhosis (K70,K73-K74)	298	1,010,882	29.5	2,403
8 Intentional self-harm (suicide) (X60-X84,Y87.0)	180	1,010,882	17.8	1,478
9 Septicemia (A40-A41)	120	1,010,882	11.9	946
10 Influenza and pneumonia (J10-J18)	109	1,010,882	10.8	853

Table 57. 10 Leading Rankable Causes of Death among Residents age 60-64: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Malignant neoplasms (C00-C97)	3,914	802,788	487.6	11,401
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	3,284	802,788	409.1	9,618
3 Chronic lower respiratory diseases (J40-J47)	825	802,788	102.8	2,374
4 Diabetes mellitus (E10-E14)	485	802,788	60.4	1,451
5 Cerebrovascular diseases (I60-I69)	456	802,788	56.8	1,244
6 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	356	802,788	44.3	1,146
7 Chronic liver disease and cirrhosis (K70,K73-K74)	228	802,788	28.4	702
8 Influenza and pneumonia (J10-J18)	152	802,788	18.9	421
9 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	140	802,788	17.4	421
10 Septicemia (A40-A41)	135	802,788	16.8	417

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 58. 10 Leading Rankable Causes of Death among residents age 65-69: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Malignant neoplasms (C00-C97)	4,493	653,632	687.4	-
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	3,694	653,632	565.1	-
3 Chronic lower respiratory diseases (J40-J47)	1,249	653,632	191.1	-
4 Cerebrovascular diseases (I60-I69)	633	653,632	96.8	-
5 Diabetes mellitus (E10-E14)	539	653,632	82.5	-
6 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	317	653,632	48.5	-
7 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	196	653,632	30.0	-
8 Chronic liver disease and cirrhosis (K70,K73-K74)	195	653,632	29.8	-
9 Influenza and pneumonia (J10-J18)	186	653,632	28.5	-
10 Septicemia (A40-A41)	168	653,632	25.7	-

Table 59. 10 Leading Rankable Causes of Death among residents age 70-74: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Malignant neoplasms (C00-C97)	5,410	557,544	970.3	-
2 Diseases of heart (I00-I09,I11,I13,I20-I51)	4,957	557,544	889.1	-
3 Chronic lower respiratory diseases (J40-J47)	1,671	557,544	299.7	-
4 Cerebrovascular diseases (I60-I69)	1,019	557,544	182.8	-
5 Diabetes mellitus (E10-E14)	687	557,544	123.2	-
6 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	416	557,544	74.6	-
7 Influenza and pneumonia (J10-J18)	307	557,544	55.1	-
8 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	266	557,544	47.7	-
9 Septicemia (A40-A41)	241	557,544	43.2	-
10 Alzheimer's disease (G30)	217	557,544	38.9	-

Table 60. 10 Leading Rankable Causes of Death among Residents age 75-79: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Diseases of heart (I00-I09,I11,I13,I20-I51)	6,618	465,801	1,420.8	-
2 Malignant neoplasms (C00-C97)	5,688	465,801	1,221.1	-
3 Chronic lower respiratory diseases (J40-J47)	2,018	465,801	433.2	-
4 Cerebrovascular diseases (I60-I69)	1,603	465,801	344.1	-
5 Diabetes mellitus (E10-E14)	834	465,801	179.0	-
6 Alzheimer's disease (G30)	565	465,801	121.3	-
7 Influenza and pneumonia (J10-J18)	533	465,801	114.4	-
8 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	466	465,801	100.0	-
9 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	404	465,801	86.7	-
10 Septicemia (A40-A41)	289	465,801	62.0	-

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 61. 10 Leading Rankable Causes of Death among residents age 80-84: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Diseases of heart (I00-I09,I11,I13,I20-I51)	8,602	339,682	2,532.4	-
2 Malignant neoplasms (C00-C97)	4,780	339,682	1,407.2	-
3 Cerebrovascular diseases (I60-I69)	2,145	339,682	631.5	-
4 Chronic lower respiratory diseases (J40-J47)	1,880	339,682	553.5	-
5 Alzheimer's disease (G30)	1,029	339,682	302.9	-
6 Diabetes mellitus (E10-E14)	868	339,682	255.5	-
7 Influenza and pneumonia (J10-J18)	823	339,682	242.3	-
8 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	531	339,682	156.3	-
9 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	522	339,682	153.7	-
10 Septicemia (A40-A41)	362	339,682	106.6	-

Table 62. 10 Leading Rankable Causes of Death among residents age 85+: Oklahoma, 2002-2006

<i>ICD-10 Rankable Causes of Death</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>YPLL Before the Age of 65</i>
1 Diseases of heart (I00-I09,I11,I13,I20-I51)	17,972	310,617	5,785.9	-
2 Malignant neoplasms (C00-C97)	4,820	310,617	1,551.8	-
3 Cerebrovascular diseases (I60-I69)	4,441	310,617	1,429.7	-
4 Alzheimer's disease (G30)	2,401	310,617	773.0	-
5 Influenza and pneumonia (J10-J18)	2,030	310,617	653.5	-
6 Chronic lower respiratory diseases (J40-J47)	2,008	310,617	646.5	-
7 Diabetes mellitus (E10-E14)	1,088	310,617	350.3	-
8 Accidents (unintentional injuries) (V01-X59,Y85-Y86)	960	310,617	309.1	-
9 Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	927	310,617	298.4	-
10 Atherosclerosis (I70)	717	310,617	230.8	-

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 63. Number of deaths by the age of the decedent: Oklahoma and each County, 2006

(All rates are per 100,000 population. Age-adjusted rates based on 2000 State population standard.)

County	Total	Age of decedent											Unk	Crude Rate	Age-Adj Rate
		< 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85+ years			
State	35,392	434	89	112	520	689	1,206	2,809	4,427	6,246	9,555	9,303	2	988.8	919.4
Adair	223	1	-	-	2	5	17	18	40	42	63	35	-	999.2	1,067.3
Alfalfa	67	-	-	-	1	1	2	3	3	9	28	20	-	1,181.0	752.8
Atoka	153	3	-	1	3	2	3	7	25	34	35	40	-	1,066.9	927.2
Beaver	50	-	-	-	1	1	3	1	5	11	11	17	-	937.0	722.7
Beckham	267	3	-	1	3	3	8	22	30	41	77	79	-	1,385.5	1,161.6
Blaine	165	2	2	-	2	2	5	13	26	26	40	47	-	1,295.7	1,074.5
Bryan	460	2	1	1	6	9	23	40	45	79	123	131	-	1,198.1	1,038.3
Caddo	371	2	3	2	8	10	16	31	45	82	82	90	-	1,234.1	1,104.6
Canadian	689	9	3	2	10	10	26	55	83	127	178	186	-	679.9	817.5
Carter	593	6	-	3	6	17	22	30	72	96	178	163	-	1,248.3	1,016.9
Cherokee	464	7	-	-	5	12	21	43	71	80	100	125	-	1,033.2	1,081.5
Choctaw	217	-	-	-	4	4	3	13	29	39	67	58	-	1,415.2	1,080.3
Cimarron	33	-	-	-	-	1	1	3	4	6	10	8	-	1,175.6	830.2
Cleveland	1,526	20	1	5	18	39	53	140	220	287	387	356	-	667.6	883.4
Coal	105	2	-	-	1	3	-	6	14	18	31	30	-	1,863.7	1,376.3
Comanche	892	21	4	7	19	11	32	81	122	161	246	188	-	817.0	911.3
Cotton	88	-	-	-	-	1	3	5	9	11	26	33	-	1,355.7	1,021.4
Craig	204	1	-	1	1	6	12	11	30	41	52	49	-	1,355.8	1,066.6
Creek	796	10	3	3	17	17	33	70	99	163	197	184	-	1,151.2	1,038.6
Custer	284	2	2	-	1	2	11	22	29	44	78	93	-	1,110.9	960.8
Delaware	449	1	3	1	4	6	17	37	65	87	124	104	-	1,120.8	861.0
Dewey	72	-	1	-	-	2	2	3	6	4	17	37	-	1,608.9	905.0
Ellis	59	-	-	-	-	1	1	5	5	11	14	22	-	1,508.2	870.7
Garfield	659	14	1	1	12	8	21	42	64	118	182	196	-	1,154.8	906.8
Garvin	345	3	1	5	9	4	13	21	43	52	96	98	-	1,260.3	953.4
Grady	493	10	3	4	5	10	15	35	65	99	120	127	-	976.4	993.4
Grant	62	-	-	-	-	1	1	4	10	8	15	23	-	1,332.5	818.9
Greer	90	1	1	1	-	2	3	8	10	16	18	30	-	1,534.8	1,088.9
Harmon	48	-	-	1	-	-	1	2	5	4	13	22	-	1,577.9	957.2
Harper	48	1	-	-	1	-	-	2	3	8	11	22	-	1,433.7	868.7
Haskell	136	2	-	-	2	4	4	8	13	27	34	42	-	1,118.9	875.3
Hughes	173	-	-	-	2	3	4	13	25	31	49	46	-	1,245.2	934.0
Jackson	301	8	2	-	4	3	8	19	31	51	88	87	-	1,155.8	1,136.5
Jefferson	103	-	-	-	3	-	3	7	15	13	35	27	-	1,613.2	1,108.6
Johnston	127	2	-	1	2	1	5	9	17	29	26	35	-	1,216.9	1,015.0
Kay	574	3	1	1	5	5	19	41	54	89	164	192	-	1,250.8	928.6
Kingfisher	156	-	-	1	1	3	-	12	20	27	44	48	-	1,089.7	860.9
Kiowa	193	1	-	1	1	2	3	15	26	34	43	67	-	1,973.8	1,293.5
Latimer	134	1	-	-	1	3	5	11	17	28	31	37	-	1,268.7	1,075.1
Leflore	551	8	4	3	11	10	19	45	76	115	133	127	-	1,100.3	1,006.5

-Denote no events in that category

Table 63. Number of deaths by the age of the decedent: Oklahoma and each County, 2006

(All rates are per 100,000 population. Age-adjusted rates based on 2000 State population standard.)

County	Total	Age of decedent											Unk	Crude Rate	Age-Adj Rate
		< 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85+ years			
State	35,392	434	89	112	520	689	1,206	2,809	4,427	6,246	9,555	9,303	2	988.8	919.4
Lincoln	354	5	2	2	7	4	13	26	41	78	81	95	-	1,084.4	987.5
Logan	318	4	-	-	5	4	15	23	40	55	70	102	-	860.1	857.7
Love	100	2	-	-	3	3	2	4	14	17	32	23	-	1,091.5	870.7
McClain	282	4	1	2	3	2	11	17	34	67	67	74	-	908.6	930.9
McCurtain	406	4	-	-	10	20	13	39	55	92	90	83	-	1,193.5	1,099.0
McIntosh	260	4	1	-	1	5	14	16	26	58	71	64	-	1,306.6	899.9
Major	98	1	-	-	1	-	2	4	12	15	25	38	-	1,337.2	858.5
Marshall	167	1	1	-	-	-	3	11	16	37	52	46	-	1,147.1	837.7
Mayes	407	5	-	-	9	11	11	31	68	82	99	91	-	1,023.3	889.3
Murray	197	-	-	-	3	2	4	9	30	25	65	59	-	1,521.8	1,116.7
Muskogee	822	9	7	1	11	15	21	63	87	138	236	233	1	1,157.5	941.6
Noble	115	1	-	-	4	-	3	4	13	19	35	36	-	1,031.2	788.9
Nowata	109	-	-	-	3	1	3	10	11	15	25	41	-	1,010.7	757.7
Okfuskee	143	1	-	1	1	3	6	11	20	33	38	29	-	1,257.7	998.1
Oklahoma	6,204	96	16	23	81	148	213	592	779	1,045	1,666	1,544	1	897.5	876.3
Okmulgee	461	2	1	1	8	13	6	45	62	96	112	115	-	1,162.1	984.1
Osage	417	-	1	-	5	5	18	31	65	86	107	99	-	915.5	840.5
Ottawa	431	2	-	-	8	7	11	28	49	83	127	116	-	1,305.0	1,025.2
Pawnee	165	-	1	-	4	4	7	12	16	33	39	49	-	979.6	830.9
Payne	511	7	3	1	6	10	11	40	54	81	141	157	-	692.2	724.7
Pittsburg	627	3	1	4	12	7	17	45	80	100	186	172	-	1,393.3	1,051.1
Pontotoc	380	5	2	-	6	10	14	35	50	67	103	88	-	1,075.0	930.9
Pottawatomie	725	7	-	1	10	12	26	50	102	132	213	172	-	1,056.3	970.5
Pushmataha	158	1	1	-	5	3	1	10	14	35	45	43	-	1,357.3	995.7
Roger Mills	43	1	-	-	2	-	-	3	5	7	14	11	-	1,305.8	887.5
Rogers	732	10	-	3	8	14	19	57	119	132	201	169	-	888.0	946.5
Seminole	332	2	-	1	7	7	15	25	57	62	83	73	-	1,346.9	1,107.6
Sequoyah	429	7	1	2	5	6	20	36	59	91	116	86	-	1,037.3	988.3
Stephens	545	5	-	-	2	9	22	24	51	84	176	172	-	1,260.3	936.6
Texas	140	3	1	-	3	4	4	11	15	22	37	40	-	691.8	840.9
Tillman	118	1	-	1	1	-	4	4	14	18	34	41	-	1,391.2	936.6
Tulsa	5,304	85	7	18	86	113	190	428	652	847	1,475	1,403	-	918.0	907.9
Wagoner	445	2	3	4	6	11	19	47	61	76	119	97	-	671.1	876.7
Washington	583	5	1	1	7	9	18	35	52	101	192	162	-	1,184.0	862.2
Washita	145	1	-	-	3	3	6	10	15	22	39	46	-	1,251.8	890.5
Woods	95	-	-	-	4	-	-	2	4	15	30	40	-	1,133.0	684.5
Woodward	197	2	2	-	9	-	6	17	14	28	46	73	-	1,024.4	867.6
Unknown	7	-	-	-	-	-	-	1	-	4	2	-	-	-	-

-Denote no events in that category

Table 64. Number of infant deaths by cause of death: Oklahoma, 2006

<i>Cause of death by ICD-10 Code</i>	<i>Total</i>
All deaths	434
Certain Infectious & Parasitic Disease (A00-B99)	10
Certain intestinal infectious diseases (A00-A08)	1
Septicemia (A40-A41)	4
Other and unspecified viral diseases (A81-B00,B02-B04,B06-B19,B25,B27-B34)	4
All other and unspecified infectious and parasitic diseases (A20-A32,A38,A42-A49,A51-A53, A55-A79,B35-B36,B38-B49,B55-B58,B60-B99)	1
Neoplasms (C00-D48)	3
Leukemia (C91-C95)	1
Other and unspecified malignant neoplasms (C00-C80,C88,C90,C96-C97)	1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	1
Diseases of the Blood & Blood-Forming Organs & Certain Disorders Involving the Immune Mechanism (D50-D89)	1
Hemorrhagic conditions and other diseases of blood and blood-forming organs (D65-D76)	1
Endocrine, Nutritional, & Metabolic Diseases (E00-E88)	3
Cystic fibrosis (E84)	1
All other endocrine, nutritional and metabolic diseases (E00-E32,E34.0-E34.2,E34.4-E34.9,E65-E83,E85,E88)	2
Diseases of the Nervous System (G00-G98)	7
Anoxic brain damage, not elsewhere classified (G93.1)	2
Other diseases of nervous system (G04,G06-G11,G12.1-G12.9,G20-G72,G81-G92,G93.0,G93.2-G93.9,G95-G98)	5
Diseases of the Circulatory System (I00-I99)	10
Pulmonary heart disease and disease of pulmonary circulation (I26-I28)	1
Cardiomyopathy (I42)	2
Cerebrovascular diseases (I60-I69)	4
All other diseases of circulatory system (I00-I25,I31,I34-I38,I44-I45,I47-I51,I70-I99)	3
Diseases of the Respiratory System (J00-J98)	10
Pneumonia (J12-J18)	3
Acute bronchitis and acute bronchiolitis (J20-J21)	1
Bronchitis, chronic and unspecified (J40-J42)	1
Other and unspecified diseases of respiratory system (J22,J30-J39,J43-J44,J47-J68,J70-J98)	5
Diseases of the Digestive System (K00-K92)	8
Gastritis, duodenitis, and noninfective enteritis and colitis (K29,K50-K55)	7
Hernia of abdominal cavity and intestinal obstruction without hernia (K40-K46,K56)	1
Disease of the Genitourinary System (N00-N98)	5
Renal failure and other disorders of kidney (N17-N19,N25,N27)	4
Other and unspecified diseases of genitourinary system (N00-N15,N20-N23,N26,N28-N95)	1
Certain Conditions Originating in the Perinatal Period (P00-P96)	173
Newborn affected by maternal hypertensive disorders (P00.0)	1
Newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.1-P00.9)	1
Newborn affected by incompetent cervix (P01.0)	4
Newborn affected by premature rupture of membranes (P01.1)	7
Newborn affected by multiple pregnancy (P01.5)	2
Newborn affected by other maternal complications of pregnancy (P01.2-P01.4,P01.6-P01.9)	2
Newborn affected by complications involving placenta (P02.0-P02.3)	7
Newborn affected by complications involving cord (P02.4-P02.6)	1
Newborn affected by chorioamnionitis (P02.7)	1
Newborn affected by other complications of labor and delivery (P03)	1
Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	1
Slow fetal growth and fetal malnutrition (P05)	2
Extremely low birth weight or extreme immaturity (P07.0,P07.2)	42
Other low birth weight or preterm (P07.1,P07.3)	6

Table 64. Number of infant deaths by cause of death: Oklahoma, 2006

<i>Cause of death by ICD-10 Code</i>	<i>Total</i>
All deaths	434
Intrauterine hypoxia (P20)	2
Birth asphyxia (P21)	1
Certain Conditions Originating in the Perinatal Period (P00-P96) Continued	
Respiratory distress of newborn (P22)	18
Neonatal aspiration syndromes (P24)	2
Interstitial emphysema and related conditions originating in the perinatal period (P25)	3
Pulmonary hemorrhage originating in the perinatal period (P26)	1
Chronic respiratory disease originating in the perinatal period (P27)	3
Atelectasis (P28.0-P28.1)	4
All other respiratory conditions originating in the perinatal period (P28.2-P28.9)	1
Bacterial sepsis of newborn (P36)	20
All other infections specific to the perinatal period (P35, P37, P39)	2
Neonatal hemorrhage (P50-P52,P54)	7
Hematological disorders (P60-P61)	1
Necrotizing enterocolitis of newborn (P77)	10
Hydrops fetalis not due to hemolytic disease (P83.2)	5
Other perinatal conditions (P29,P70.3-P70.9,P71-P76,P78-P81,P83.0-P83.1,P83.3-P83.9,P90-P96)	15
Congenital Malformations, Deformations, & Chromosomal Abnormalities (Q00-Q99)	96
Anencephaly and similar malformations (Q00)	8
Congenital hydrocephalus (Q03)	2
Spina bifida (Q05)	1
Other congenital malformations of nervous system (Q01-Q02,Q04,Q06-Q07)	6
Congenital malformations of heart (Q20-Q24)	23
Other congenital malformations of circulatory system (Q25-Q28)	2
Congenital malformations of respiratory system (Q30-Q34)	6
Congenital malformation of digestive system (Q35-Q45)	3
Congenital malformations of genitourinary system (Q50-Q64)	15
Congenital malformations and deformations of musculoskeletal system, limbs and integument (Q65-Q85)	10
Edward's syndrome (Q91.0-Q91.3)	3
Patau's syndrome (Q91.4-Q91.7)	3
Other congenital malformations and deformations (Q10-Q18,Q86-Q89)	11
Other chromosomal abnormalities, not elsewhere classified (Q92-Q99)	3
Symptoms, Signs, & Abnormal Clinical & Laboratory Findings (R00-R99)	82
Sudden infant death syndrome (R95)	26
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R53,R55-R94,R96-R99)	56
External Causes of Morbidity & Mortality (V01-Y89)	25
Motor vehicle accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5, V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)	7
Accidental drowning and submersion (W65-W74)	1
Accidental suffocation and strangulation in bed (W75)	7
Other accidental suffocation and strangulation (W76-W77,W81-W84)	3
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract (W78-W80)	1
Accidental poisoning and exposure to noxious substances (X40-X49)	1
Other and unspecified accidents (W20-W31,W35-W64,W85-W99,X10-X39,X50-X59)	1
Assault (homicide) by other and unspecified means (X85-X90,X92,X96-Y05,Y08-Y09)	2
Other external causes (X60-X84,Y10-Y36)	2
Other	1
Missing	1

Table 65. Infant, neonatal, post-neonatal, fetal, and perinatal mortality: Oklahoma and each County, 2001-2005

NOTE: See definitions for explanation of rates.

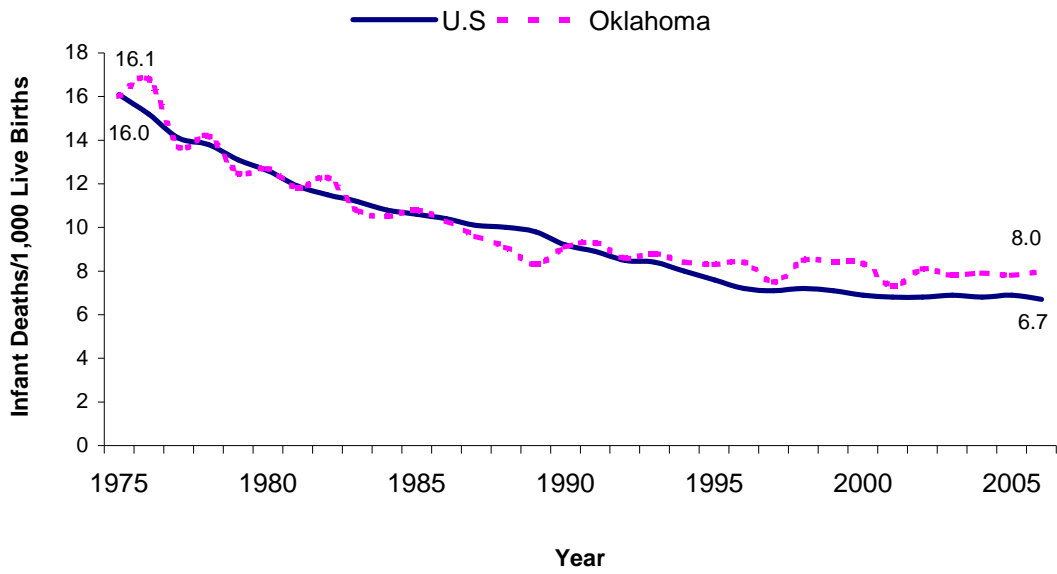
County	Infant		Neonatal		Post-Neonatal		Fetal		Perinatal	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
State	2,059	8.0	1,200	4.6	859	3.3	1,514	5.8	2,714	10.5
Adair	14	7.5	11	5.9	3	++	3	++	14	7.5
Alfalfa	-	-	-	-	-	-	5	++	5	21.4
Atoka	9	10.8	6	7.2	3	++	6	6.0	12	14.3
Beaver	1	++	1	++	-	-	1	++	2	++
Beckham	9	6.0	5	3.3	4	++	15	6.6	20	13.2
Blaine	7	9.7	4	++	3	++	9	12.3	13	17.8
Bryan	22	8.6	14	5.4	8	3.1	7	2.3	21	8.1
Caddo	17	8.0	8	3.7	9	4.2	13	3.3	21	9.8
Canadian	46	7.2	29	4.5	17	2.6	44	5.1	73	11.3
Carter	21	6.2	13	3.9	8	2.4	23	5.6	36	10.6
Cherokee	29	9.3	14	4.5	15	4.8	30	7.9	44	13.9
Choctaw	14	12.6	8	7.2	6	5.4	3	++	11	9.9
Cimarron	1	++	1	++	-	-	1	++	2	++
Cleveland	85	6.3	55	4.1	30	2.2	82	5.0	137	10.2
Coal	10	26.8	4	++	6	16.1	4	++	8	21.3
Comanche	73	7.6	53	5.5	20	2.1	73	6.4	126	13.1
Cotton	3	++	3	++	-	-	3	++	6	16.1
Craig	6	6.4	2	++	4	++	8	8.5	10	10.6
Creek	38	8.6	25	5.7	13	3.0	36	6.3	61	13.8
Custer	9	4.8	5	2.6	4	++	10	4.7	15	7.9
Delaware	11	4.8	1	++	10	4.4	14	6.1	15	6.5
Dewey	3	++	2	++	1	++	2	++	4	++
Ellis	-	-	-	-	-	-	0	++	0	++
Garfield	47	10.4	28	6.2	19	4.2	33	5.7	61	13.4
Garvin	15	8.4	3	++	12	6.7	16	8.3	19	10.5
Grady	25	7.8	18	5.6	7	2.2	22	5.9	40	12.4
Grant	-	-	-	-	-	-	1	++	1	++
Greer	4	++	2	++	2	++	2	++	4	++
Harmon	3	++	2	++	1	++	2	++	4	++
Harper	3	++	1	++	2	++	1	++	2	++
Haskell	8	9.8	3	++	5	6.1	4	++	7	8.5
Hughes	7	7.8	2	++	5	5.6	9	9.9	11	12.1
Jackson	23	10.2	10	4.4	13	5.8	14	5.7	24	10.6
Jefferson	4	++	-	-	4	++	1	++	1	++
Johnston	4	++	-	-	4	++	4	++	4	++
Kay	27	7.8	16	4.6	11	3.2	31	7.2	47	13.5
Kingfisher	3	++	3	++	-	-	11	7.2	14	14.5
Kiowa	5	8.5	2	++	3	++	4	++	6	10.2
Latimer	8	14.0	6	10.5	2	++	3	++	9	15.7
Leflore	30	8.2	16	4.4	14	3.8	23	6.0	39	10.6

Table 65. Infant, neonatal, post-neonatal, fetal, and perinatal mortality: Oklahoma and each County, 2001-2005

NOTE: See definitions for explanation of rates.

County	Infant		Neonatal		Post-Neonatal		Fetal		Perinatal	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
State	2,059	8.0	1,200	4.6	859	3.3	1,514	5.8	2,714	10.5
Lincoln	20	9.9	11	5.5	9	4.5	18	6.9	29	14.3
Logan	19	8.7	6	2.7	13	5.9	14	5.4	20	9.1
Love	3	++	-	-	3	++	7	10.3	7	12.0
McClain	16	8.0	13	6.5	3	++	14	5.9	27	13.4
McCurtain	19	7.8	10	4.1	9	2.9	24	8.2	34	13.9
McIntosh	17	15.3	14	12.6	3	++	6	5.4	20	17.9
Major	3	++	2	++	1	++	4	++	6	14.7
Marshall	5	5.1	3	++	2	++	5	++	8	8.2
Mayes	16	6.1	7	2.7	9	3.4	17	3.8	24	9.1
Murray	5	6.1	5	6.1	-	-	6	6.1	11	13.4
Muskogee	31	6.2	15	3.0	16	3.2	50	6.8	65	12.9
Noble	4	++	2	++	2	++	6	++	8	11.2
Nowata	3	++	2	++	1	++	10	10.8	12	18.5
Okfuskee	4	++	2	++	2	++	5	++	7	9.5
Oklahoma	524	8.9	308	5.2	216	3.7	516	7.4	824	13.9
Okmulgee	26	9.5	15	5.5	11	4.0	29	8.3	44	15.9
Osage	20	8.8	12	5.3	8	3.5	10	4.4	22	9.6
Ottawa	16	7.4	11	5.1	5	2.3	12	4.6	23	10.6
Pawnee	2	++	2	++	-	-	6	5.7	8	7.6
Payne	31	7.1	14	3.2	17	3.9	30	5.2	44	10.0
Pittsburg	20	7.6	13	4.9	7	2.6	22	6.8	35	13.1
Pontotoc	21	8.3	14	5.5	7	2.8	17	4.3	31	12.2
Pottawatomie	33	7.3	12	2.7	21	4.6	43	7.9	55	12.1
Pushmataha	5	7.3	2	++	3	++	6	++	8	11.6
Roger Mills	3	++	2	++	1	++	1	++	3	++
Rogers	30	6.3	19	4.0	11	2.3	20	3.5	39	8.1
Seminole	17	9.5	11	6.1	6	3.3	11	5.5	22	12.2
Sequoyah	21	7.6	10	3.6	11	4.0	10	3.2	20	7.2
Stephens	23	8.4	5	1.8	18	6.6	14	4.4	19	6.9
Texas	11	5.7	5	2.6	6	3.1	19	7.8	24	12.4
Tillman	6	10.4	6	10.4	-	-	3	++	9	15.6
Tulsa	374	8.0	236	5.0	138	2.9	254	4.3	490	10.4
Wagoner	21	5.4	13	3.3	8	2.1	17	3.6	30	7.7
Washington	23	7.7	11	3.7	12	4.0	23	7.0	34	11.3
Washita	5	6.5	2	++	3	++	6	7.7	8	10.3
Woods	-	-	-	-	-	-	4	++	4	++
Woodward	13	9.3	7	5.0	6	4.3	12	5.7	19	13.5
Unknown	5	-	2	-	3	-	-	-	2	-

**Figure 9. Infant Mortality Rate
United States and Oklahoma, 1975-2006**



**Figure 10. Race-Specific Infant Mortality Rates
Oklahoma, 1975-2006**

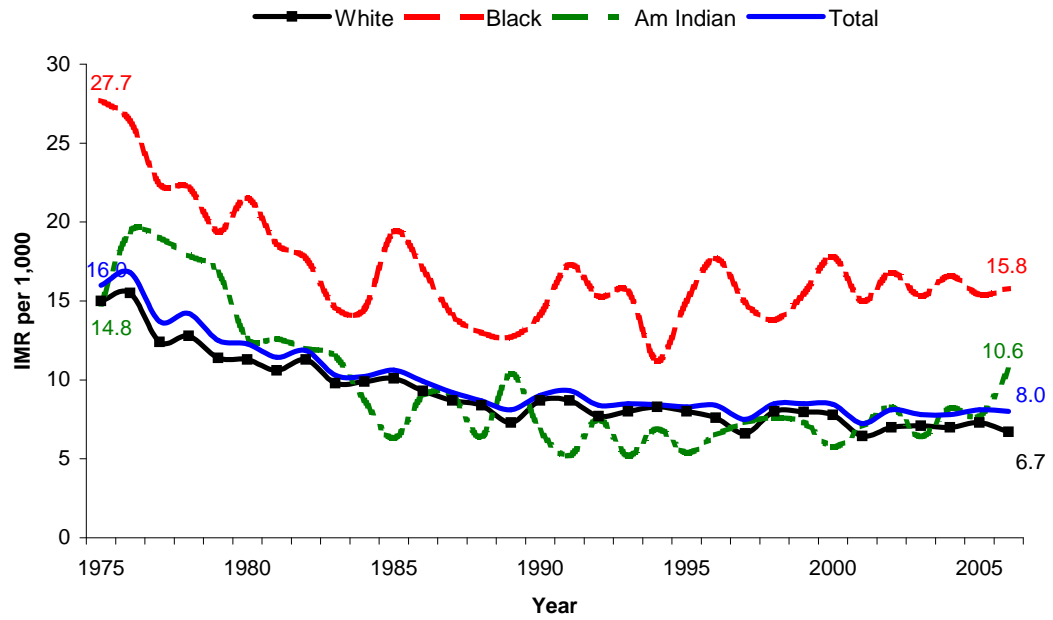


Table 66. Race-specific infant deaths and infant mortality rates: Oklahoma, 1975-2006

(Infant mortality rates are infant deaths per 1,000 live births for specified racial group.)

Year	Number of infant deaths				Infant mortality rate			
	White	Black	American Indian	Total ¹	White	Black	American Indian	Total ¹
1975	537	113	38	690	15.0	27.7	14.8	16.0
1976	561	111	53	732	15.5	26.4	19.4	16.8
1977	472	93	52	624	12.4	22.4	19.0	13.7
1978	487	99	53	653	12.8	22.2	17.9	14.2
1979	459	94	54	611	11.4	19.4	16.8	12.5
1980	485	107	43	640	11.3	21.5	12.6	12.3
1981	471	90	45	613	10.6	18.6	12.6	11.4
1982	552	89	48	697	11.3	17.7	12.0	11.9
1983	461	74	45	585	9.8	14.6	11.5	10.3
1984	444	72	32	555	9.9	14.5	8.7	10.2
1985	441	96	23	564	10.1	19.4	6.3	10.6
1986	382	84	33	501	9.3	17.0	9.0	9.9
1987	335	67	33	439	8.7	14.1	9.0	9.2
1988	317	63	26	410	8.4	13.0	6.4	8.7
1989	274	64	42	383	7.3	12.7	10.4	8.1
1990	327	71	28	430	8.7	14.1	6.8	9.0
1991	325	89	23	445	8.7	17.3	5.2	9.3
1992	285	79	33	399	7.7	15.3	7.5	8.4
1993	288	77	23	392	8.0	15.6	5.2	8.5
1994	296	53	30	385	8.3	11.2	6.9	8.4
1995	284	67	23	377	8.0	15.0	5.4	8.3
1996	276	79	28	388	7.6	17.7	6.5	8.4
1997	250	70	34	358	6.6	14.9	7.3	7.5
1998	308	66	37	420	8.0	13.8	7.6	8.5
1999	302	71	35	411	8.0	15.4	7.3	8.5
2000	300	85	30	420	7.8	17.8	5.8	8.4
2001	251	69	37	362	6.4	15.0	7.0	7.2
2002	276	80	44	406	7.0	16.8	8.3	8.1
2003	288	70	35	395	7.1	15.3	6.4	7.8
Beginning in 2004, multiple race information was collected. For trending purposes, race was bridged to a single race format.								
2004	281	78	44	406	7.0	16.6	8.2	7.8
2005	292	74	45	418	7.3	15.4	7.7	8.1
2006	281	79	64	434	6.7	15.8	10.6	8.0

¹ Includes unknown race and races other than White, Black, and American Indian.

Table 67. Number of child deaths by cause of death and age of decedent: Oklahoma, 2006

<i>Cause of death by ICD-10 Code</i>	<i>1-4 years</i>	<i>5-9 years</i>	<i>10-14 years</i>	<i>15-17 years</i>	<i>18-19 years</i>	<i>Total</i>
All deaths	89	52	60	99	114	414
Certain Infectious & Parasitic Disease (A00-B99)	5	-	2	2	-	9
Shigellosis and amebiasis (A03,A06)	1	-	-	-	-	1
Other tuberculosis (A17-A19)	1	-	-	-	-	1
Meningococcal infection (A39)	1	-	-	-	-	1
Septicemia (A40-A41)	1	-	-	1	-	2
Human immunodeficiency virus (HIV) disease (B20-B24)	-	-	-	1	-	1
Other and unspecified infectious and parasitic diseases and their sequelae (A00,A05,A20-A36, A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1,A85.8,A86-B04,B06-B09,B25-B49,B55-B99)	1	-	2	-	-	3
Neoplasms (C00-D48)	12	6	4	8	5	35
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	1	-	-	-	1	2
Malignant neoplasms of kidney and renal pelvis (C64-C65)	3	-	-	1	-	4
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	-	4	2	-	1	7
Hodgkin's disease	-	-	-	-	1	1
Non-Hodgkin's lymphoma (C82-C85)	-	-	-	1	-	1
Leukemia (C91-C95)	5	-	2	2	2.5	11
All other and unspecified malignant neoplasms (C17,C23-C24,C26-C31,C37-C41,C44-C49, C51-C52,C57-C60,C62-C63,C66,C68-C69,C73-C80,C97)	1	2	-	3	-	6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	2	-	-	1	-	3
Anemias (D50-D64)	-	-	-	-	1	1
Diabetes Mellitus (E10-E14)	-	-	-	-	1	1
Diseases of the Circulatory System (I00-I99)	4	-	3	4	4	15
All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)	2	-	3	4	3	12
Cerebrovascular diseases (I60-I69)	2	-	-	-	1	3
Diseases of the Respiratory System (J00-J98)	4	2	4	2	2	14
Pneumonia (J12-J18)	2	1	-	-	2	5
Asthma (J45-J46)	2	1	4	2	-	9
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01,N04)	-	-	1	-	-	1
Congenital Malformations, Deformations, & Chromosomal Abnormalities (Q00-Q99)	7	1	5	3	-	16
Symptoms, Signs, & Abnormal Clinical & Laboratory Findings, Not Elsewhere Classified (R00-R99)	3	2	-	-	2	7
All other diseases (Residual) (D65-E07,E15-E34,E65-F99,G04-G12,G23-G25,G31-H93,K00-K22, K29-K31,K50-K66,K71-K72,K75-K76,K83-M99,N13.0-N13.5,N13.7-N13.9,N14,N15.0,N15.8-N15.9, N20-N23,N28-N39,N41-N64,N80-N98)	12	5	4	3	5	29
External Causes of Morbidity & Mortality (V01-Y89)	42	36	37	77	94	286
Motor vehicle accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79, V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)	11	16	15	43	49	134
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)	-	-	-	2	-	2
Falls (W00-W19)	-	-	2	-	1	3
Accidental discharge of firearms (W32-W34)	1	-	-	-	2	3
Accidental drowning and submersion (W65-W74)	9	5	2	1	3	20
Accidental exposure to smoke, fire and flames (X00-X09)	6	6	4	-	2	18
Accidental poisoning and exposure to noxious substances (X40-X49)	-	1	1	5	8	15
Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99, X10-X39,X50-X59,Y86)	6	4	-	2	2	14
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	-	-	2	2	8	12
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71,X75-X84,Y87.0)	-	-	3	9	7	19
Assault (homicide) by discharge of firearms (X93-X95)	2	3	5	11	8	29
Assault (homicide) by other and unspecified means and their sequelae (X85-X92,X96-Y09,Y87.1)	5	1	3	-	3	12
Discharge of firearms, undetermined intent (Y22-Y24)	1	-	-	-	-	1

-Denote no events in that category

Table 67. Number of child deaths by cause of death and age of decedent: Oklahoma, 2006

<i>Cause of death by ICD-10 Code</i>	<i>1-4 years</i>	<i>5-9 years</i>	<i>10-14 years</i>	<i>15-17 years</i>	<i>18-19 years</i>	<i>Total</i>
All deaths	89	52	60	99	114	414
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)	1	-	-	2	1	4
Other	-	-	1	-	-	1
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01,N04)	-	-	1	-	-	1

Table 68. Number of child deaths by age of child and county of residence: Oklahoma, 2006

<i>County</i>	<i>< 1 year</i>	<i>1-4 years</i>	<i>5-9 years</i>	<i>10-14 years</i>	<i>15-17 years</i>	<i>18-19 years</i>	<i>1-19 years</i>
State	434	89	52	60	99	114	848
Adair	1	-	-	-	1	-	2
Alfalfa	-	-	-	-	-	1	1
Atoka	3	-	1	-	1	1	6
Beaver	-	-	-	-	-	1	1
Beckham	3	-	-	1	1	1	6
Blaine	2	2	-	-	-	1	5
Bryan	2	1	1	-	2	1	7
Caddo	2	3	-	2	1	2	10
Canadian	9	3	-	2	2	1	17
Carter	6	-	3	-	2	3	14
Cherokee	7	-	-	-	-	2	9
Choctaw	-	-	-	-	1	1	2
Cimarron	-	-	-	-	-	-	-
Cleveland	20	1	2	3	4	2	32
Coal	2	-	-	-	-	-	2
Comanche	21	4	5	2	1	3	36
Cotton	-	-	-	-	-	-	-
Craig	1	-	-	1	-	1	3
Creek	10	3	1	2	4	1	21
Custer	2	2	-	-	-	-	4
Delaware	1	3	-	1	1	-	6
Dewey	-	1	-	-	-	-	1
Ellis	-	-	-	-	-	-	-
Garfield	14	1	-	1	1	6	23
Garvin	3	1	3	2	4	1	14
Grady	10	3	3	1	-	1	18
Grant	-	-	-	-	-	-	-
Greer	1	1	-	1	-	-	3
Harmon	-	-	-	1	-	-	1
Harper	1	-	-	-	-	1	2
Haskell	2	-	-	-	-	-	2
Hughes	-	-	-	-	1	1	2
Jackson	8	2	-	-	1	-	11
Jefferson	-	-	-	-	-	-	-
Johnston	2	-	1	-	1	-	4
Kay	3	1	1	-	1	-	6
Kingfisher	-	-	-	1	-	-	1
Kiowa	1	-	1	-	-	-	2
Latimer	1	-	-	-	-	1	2
Leflore	8	4	1	2	2	2	19

- Denotes no events in that category.

Table 68. Number of child deaths by age of child and county of residence: Oklahoma, 2006

<i>County</i>	<i>< 1 year</i>	<i>1-4 years</i>	<i>5-9 years</i>	<i>10-14 years</i>	<i>15-17 years</i>	<i>18-19 years</i>	<i>1-19 years</i>
State	434	89	52	60	99	114	848
Lincoln	5	2	1	1	2	-	11
Logan	4	-	-	-	-	3	7
Love	2	-	-	-	-	1	3
McClain	4	1	-	2	1	-	8
McCurtain	4	-	-	-	4	2	10
McIntosh	4	1	-	-	-	-	5
Major	1	-	-	-	1	-	2
Marshall	1	1	-	-	-	-	2
Mayes	5	-	-	-	2	1	8
Murray	-	-	-	-	1	1	2
Muskogee	9	7	1	-	3	4	24
Noble	1	-	-	-	-	-	1
Nowata	-	-	-	-	-	1	1
Okfuskee	1	-	-	1	-	-	2
Oklahoma	96	16	9	14	12	19	166
Okmulgee	2	1	-	1	3	1	8
Osage	-	1	-	-	1	1	3
Ottawa	2	-	-	-	3	1	6
Pawnee	-	1	-	-	1	1	3
Payne	7	3	-	1	-	2	13
Pittsburg	3	1	3	1	5	1	14
Pontotoc	5	2	-	-	1	2	10
Pottawatomie	7	-	1	-	1	5	14
Pushmataha	1	1	-	-	-	2	4
Roger Mills	1	-	-	-	1	1	3
Rogers	10	-	1	2	1	1	15
Seminole	2	-	-	1	1	-	4
Sequoyah	7	1	2	-	1	2	13
Stephens	5	-	-	-	-	1	6
Texas	3	1	-	-	1	-	5
Tillman	1	-	1	-	-	1	3
Tulsa	85	7	6	12	16	16	142
Wagoner	2	3	3	1	2	3	14
Washington	5	1	1	-	-	2	9
Washita	1	-	-	-	2	1	4
Woods	-	-	-	-	-	2	2
Woodward	2	2	-	-	1	1	6
Unknown	-	-	-	-	-	-	-

Table 69. Number of child deaths by age and sex of child and county of residence: Oklahoma, 2006

County	Age of child											
	< 1 year		1-4 years		5-9 years		10-14 years		15-17 years		18-19 years	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
State	249	184	55	34	31	21	31	29	64	35	84	30
Adair	1	-	-	-	-	-	-	-	1	-	-	-
Alfalfa	-	-	-	-	-	-	-	-	-	-	1	-
Atoka	1	2	-	-	1	-	-	-	-	1	1	-
Beaver	-	-	-	-	-	-	-	-	-	-	1	-
Beckham	2	1	-	-	-	-	-	1	-	1	1	-
Blaine	1	1	1	1	-	-	-	-	-	-	1	-
Bryan	2	-	1	-	1	-	-	-	1	1	-	1
Caddo	1	1	3	-	-	-	1	1	1	-	2	-
Canadian	6	3	1	2	-	-	2	-	2	-	-	1
Carter	4	2	-	-	3	-	-	-	2	-	2	1
Cherokee	2	5	-	-	-	-	-	-	-	-	2	-
Choctaw	-	-	-	-	-	-	-	-	-	1	1	-
Cimarron	-	-	-	-	-	-	-	-	-	-	-	-
Cleveland	13	7	1	-	1	1	1	2	3	1	2	-
Coal	1	1	-	-	-	-	-	-	-	-	-	-
Comanche	9	12	4	-	3	2	1	1	-	1	2	1
Cotton	-	-	-	-	-	-	-	-	-	-	-	-
Craig	1	-	-	-	-	-	-	1	-	-	1	-
Creek	6	4	-	3	1	-	1	1	3	1	-	1
Custer	-	2	2	-	-	-	-	-	-	-	-	-
Delaware	-	1	2	1	-	-	-	1	-	1	-	-
Dewey	-	-	-	1	-	-	-	-	-	-	-	-
Ellis	-	-	-	-	-	-	-	-	-	-	-	-
Garfield	9	5	1	-	-	-	1	-	1	-	3	3
Garvin	3	-	-	1	2	1	1	1	2	2	-	1
Grady	7	3	2	1	-	3	-	1	-	-	-	1
Grant	-	-	-	-	-	-	-	-	-	-	-	-
Greer	-	1	-	1	-	-	-	1	-	-	-	-
Harmon	-	-	-	-	-	-	-	1	-	-	-	-
Harper	1	-	-	-	-	-	-	-	-	-	1	-
Haskell	1	1	-	-	-	-	-	-	-	-	-	-
Hughes	-	-	-	-	-	-	-	-	1	-	1	-
Jackson	5	3	-	2	-	-	-	-	-	1	-	-
Jefferson	-	-	-	-	-	-	-	-	-	-	-	-
Johnston	1	1	-	-	-	1	-	-	1	-	-	-
Kay	1	2	1	-	1	-	-	-	1	-	-	-
Kingfisher	-	-	-	-	-	-	1	-	-	-	-	-
Kiowa	1	-	-	-	1	-	-	-	-	-	-	-
Latimer	1	-	-	-	-	-	-	-	-	-	-	1
Leflore	4	4	3	1	1	-	1	1	2	-	1	1

- Denotes no events in that category.

Table 69. Number of child deaths by age and sex of child and county of residence: Oklahoma, 2006

County	Age of child											
	< 1 year		1-4 years		5-9 years		10-14 years		15-17 years		18-19 years	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
State	249	184	55	34	31	21	31	29	64	35	84	30
Lincoln	3	2	-	2	-	1	-	1	1	1	-	-
Logan	1	3	-	-	-	-	-	-	-	-	2	1
Love	2	-	-	-	-	-	-	-	-	-	1	-
McClain	2	2	1	-	-	-	1	1	-	1	-	-
McCurtain	-	4	-	-	-	-	-	-	2	2	2	-
McIntosh	1	3	1	-	-	-	-	-	-	-	-	-
Major	1	-	-	-	-	-	-	-	-	1	-	-
Marshall	1	-	1	-	-	-	-	-	-	-	-	-
Mayes	2	2	-	-	-	-	-	-	2	-	1	-
Murray	-	-	-	-	-	-	-	-	1	-	-	1
Muskogee	6	3	4	3	1	-	-	-	2	1	3	1
Noble	-	1	-	-	-	-	-	-	-	-	-	-
Nowata	-	-	-	-	-	-	-	-	-	-	-	1
Okfuskee	1	-	-	-	-	-	-	1	-	-	-	-
Oklahoma	54	42	10	6	3	6	9	5	7	5	18	1
Okmulgee	-	2	-	1	-	-	1	-	2	1	1	-
Osage	-	-	-	1	-	-	-	-	1	-	1	-
Ottawa	2	-	-	-	-	-	-	-	1	2	-	1
Pawnee	-	-	-	1	-	-	-	-	-	1	-	1
Payne	5	2	3	-	-	-	1	-	-	-	2	-
Pittsburg	2	1	-	1	2	1	-	1	3	2	1	-
Pontotoc	3	2	1	1	-	-	-	-	1	-	1	1
Pottawatomie	4	3	-	-	1	-	-	-	1	-	3	2
Pushmataha	-	1	1	-	-	-	-	-	-	-	2	-
Roger Mills	1	-	-	-	-	-	-	-	1	-	1	-
Rogers	8	2	-	-	1	-	-	2	1	-	-	1
Seminole	1	1	-	-	-	-	1	-	-	1	-	-
Sequoyah	3	4	1	-	-	2	-	-	-	1	1	1
Stephens	2	3	-	-	-	-	-	-	-	-	1	-
Texas	3	-	1	-	-	-	-	-	1	-	-	-
Tillman	-	1	-	-	1	-	-	-	-	-	1	-
Tulsa	49	36	6	1	4	2	7	5	12	4	14	2
Wagoner	2	-	2	1	2	1	1	-	2	-	2	1
Washington	4	1	-	1	1	-	-	-	-	-	-	2
Washita	-	1	-	-	-	-	-	-	2	-	1	-
Woods	-	-	-	-	-	-	-	-	-	-	1	1
Woodward	2	-	1	1	-	-	-	-	-	1	1	-
Unknown	-	-	-	-	-	-	-	-	-	-	-	-

Table 70. Number of deaths to children ages 0-19 by race of decedent and county of residence: Oklahoma, 2006

<i>County</i>	<i>White</i>	<i>Black</i>	<i>American Indian</i>	<i>Asian/ Pacific Islander</i>	<i>Unk</i>	<i>Total</i>
State	579	141	116	12	-	848
Adair	1	-	2	-	-	3
Alfalfa	-	-	-	-	-	-
Atoka	4	2	-	-	-	6
Beaver	1	-	-	-	-	1
Beckham	4	2	-	-	-	6
Blaine	3	1	1	-	-	5
Bryan	6	-	1	-	-	7
Caddo	4	-	6	-	-	10
Canadian	17	-	-	-	-	17
Carter	8	-	6	-	-	14
Cherokee	4	-	5	-	-	9
Choctaw	1	1	-	-	-	2
Cimarron	-	-	-	-	-	-
Cleveland	23	2	6	1	-	32
Coal	1	-	1	-	-	2
Comanche	16	10	10	-	-	36
Cotton	-	-	-	-	-	-
Craig	3	-	-	-	-	3
Creek	18	-	3	-	-	21
Custer	2	1	1	-	-	4
Delaware	3	-	2	1	-	6
Dewey	1	-	-	-	-	1
Ellis	-	-	-	-	-	-
Garfield	19	1	1	2	-	23
Garvin	14	-	-	-	-	14
Grady	18	-	-	-	-	18
Grant	-	-	-	-	-	-
Greer	2	1	-	-	-	3
Harmon	1	-	-	-	-	1
Harper	2	-	-	-	-	2
Haskell	2	-	-	-	-	2
Hughes	1	-	1	-	-	2
Jackson	11	-	-	-	-	11
Jefferson	-	-	-	-	-	-
Johnston	2	-	2	-	-	4
Kay	4	-	2	-	-	6
Kingfisher	1	-	-	-	-	1
Kiowa	1	-	1	-	-	2
Latimer	1	-	1	-	-	2
Leflore	17	-	2	-	-	19

- Denotes no events in that category.

Table 70. Number of deaths to children ages 0-19 by race of decedent and county of residence: Oklahoma, 2006

<i>County</i>	<i>White</i>	<i>Black</i>	<i>American Indian</i>	<i>Asian/ Pacific Islander</i>	<i>Unk</i>	<i>Total</i>
State	579	141	116	12	-	848
Lincoln	11	-	-	-	-	11
Logan	7	-	-	-	-	7
Love	3	-	-	-	-	3
McClain	8	-	-	-	-	8
McCurtain	7	2	1	-	-	10
McIntosh	4	-	1	-	-	5
Major	2	-	-	-	-	2
Marshall	2	-	-	-	-	2
Mayes	5	-	3	-	-	8
Murray	2	-	-	-	-	2
Muskogee	13	5	5	1	-	24
Noble	1	-	-	-	-	1
Nowata	1	-	-	-	-	1
Okfuskee	-	-	2	-	-	2
Oklahoma	95	59	11	1	-	166
Okmulgee	3	2	3	-	-	8
Osage	3	-	-	-	-	3
Ottawa	1	-	4	1	-	6
Pawnee	1	-	2	-	-	3
Payne	13	-	-	-	-	13
Pittsburg	10	1	2	1	-	14
Pontotoc	4	1	5	-	-	10
Pottawatomie	10	1	3	-	-	14
Pushmataha	-	-	4	-	-	4
Roger Mills	3	-	-	-	-	3
Rogers	10	1	4	-	-	15
Seminole	4	-	-	-	-	4
Sequoyah	11	-	2	-	-	13
Stephens	5	-	1	-	-	6
Texas	4	-	1	-	-	5
Tillman	3	-	-	-	-	3
Tulsa	87	46	5	4	-	142
Wagoner	13	1	-	-	-	14
Washington	5	1	3	-	-	9
Washita	4	-	-	-	-	4
Woods	2	-	-	-	-	2
Woodward	6	-	-	-	-	6

- Denotes no events in that category.

Table 71. Total and accidental deaths to children by age group: Oklahoma, 1975-2006

<i>Year</i>	<i>Ages 1-4</i>		<i>Ages 5-9</i>		<i>Ages 10-14</i>		<i>Ages 15-19</i>	
	<i>Total</i>	<i>Accident</i>	<i>Total</i>	<i>Accident</i>	<i>Total</i>	<i>Accident</i>	<i>Total</i>	<i>Accident</i>
1975	157	73	97	48	116	68	308	251
1976	142	77	88	54	113	71	287	226
1977	122	61	84	43	106	61	346	282
1978	141	80	77	45	101	59	346	302
1979	123	62	91	49	88	51	323	270
1980	110	52	93	58	70	41	325	276
1981	151	72	78	47	88	57	330	271
1982	140	72	105	57	107	59	335	270
1983	136	65	77	38	91	57	249	197
1984	124	55	73	38	86	51	240	194
1985	132	68	73	35	89	62	247	199
1986	119	66	62	36	56	42	241	184
1987	101	55	76	45	51	35	213	172
1988	102	59	63	32	68	42	213	173
1989	105	51	62	33	65	35	245	204
1990	104	56	65	35	71	48	237	196
1991	103	56	57	38	58	32	241	205
1992	93	41	55	31	61	36	221	184
1993	106	51	61	26	77	47	255	207
1994	107	62	55	30	60	36	238	201
1995	101	45	60	24	90	39	241	119
1996	75	32	55	23	73	29	220	125
1997	93	44	54	25	74	30	254	134
1998	74	36	67	35	68	32	226	114
1999	94	35	47	27	59	28	225	121
2000	65	25	39	20	60	29	198	123
2001	75	28	61	28	77	29	218	131
2002	68	24	35	15	59	21	203	112
2003	93	34	42	16	59	18	204	109
2004	82	35	50	25	43	20	221	142
2005	75	28	55	30	51	22	228	131
2006	89	33	52	32	60	24	213	120

NOTE: Accidental deaths ICD Codes (E800-E929) 1975-1998; (V01-X59, Y85-Y86) 1999-2001.

**Figure 11. Age-Specific Child Mortality Rates
Oklahoma, 1975-2006**

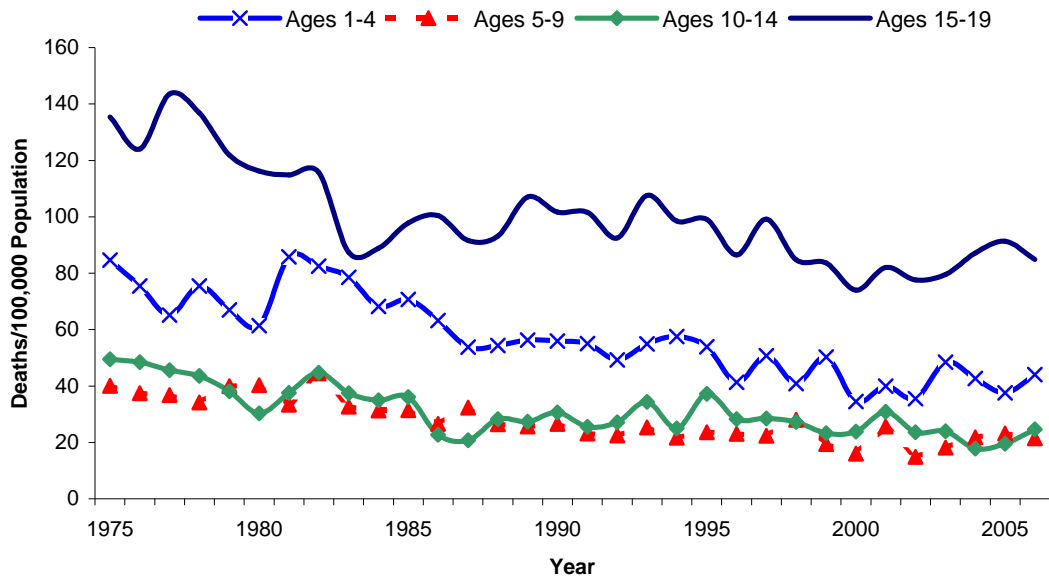


Table 72. Child mortality rates by age group and number of suicides and homicides for children ages 15-19: Oklahoma, 1975-2006

(Rates are deaths per 100,000 population in specified age group.)

<i>Year</i>	<i>Age of decedent</i>				<i>Ages 15-19</i>	
	<i>1-4 years</i>	<i>5-9 years</i>	<i>10-14 years</i>	<i>15-19 years</i>	<i>Number of Suicides</i>	<i>Number of Homicides</i>
1975	84.6	40.1	49.5	135.4	30	32
1976	75.5	37.4	48.5	124.0	19	10
1977	65.1	36.8	45.6	143.6	31	24
1978	75.5	34.1	43.6	136.8	26	28
1979	67.0	39.9	38.1	121.9	37	28
1980	61.4	40.3	30.3	116.2	28	28
1981	85.8	33.4	37.6	114.8	30	22
1982	82.5	44.5	44.7	115.7	27	19
1983	78.5	32.7	37.4	87.4	32	16
1984	68.2	31.3	35.0	88.9	33	21
1985	70.7	31.4	36.1	97.8	32	16
1986	63.2	26.6	22.7	100.4	36	16
1987	53.8	32.3	20.8	91.6	31	20
1988	54.4	26.4	28.2	93.2	31	24
1989	56.3	25.7	27.4	107.0	35	21
1990	55.9	26.6	30.6	101.7	36	34
1991	55.0	23.2	25.5	101.6	29	35
1992	49.3	22.5	27.1	92.5	34	25
1993	54.9	25.3	34.4	107.6	37	12
1994	57.5	21.7	25.0	98.5	29	40
1995	53.9	23.6	37.2	99.1	32	25
1996	41.3	23.0	28.3	86.5	30	31
1997	50.7	22.4	28.5	99.2	36	41
1998	40.8	28.0	27.2	84.8	41	22
1999	50.3	19.4	23.3	83.6	26	25
2000	34.5	16.0	23.8	74.0	23	12
2001	39.9	25.7	30.9	82.0	25	23
2002	35.5	14.9	23.6	77.6	27	17
2003	48.5	18.1	23.9	79.6	32	12
2004	42.7	21.8	17.8	87.2	27	14
2005	37.6	23.2	19.5	91.3	19	16
2006	44.0	21.5	24.6	84.9	26	22

**Table 73. Heart Disease Death Trends:
Oklahoma, 1980- 2006**

Year	Deaths	Population	Death Rate	Age-Adjusted Death Rate
1980	10,700	3,039,886	352.0	389.8
1981	10,620	3,096,133	343.0	378.4
1982	10,973	3,206,103	342.3	381.4
1983	11,149	3,290,412	338.8	379.3
1984	10,642	3,285,581	323.9	358.2
1985	11,218	3,271,395	342.9	372.9
1986	10,873	3,252,756	334.3	357.1
1987	10,593	3,210,172	330.0	343.6
1988	10,902	3,167,148	344.2	351.8
1989	10,587	3,150,372	336.1	336.1
1990	10,834	3,148,825	344.1	338.8
1991	10,769	3,175,440	339.1	330.9
1992	10,797	3,220,517	335.3	325.1
1993	11,259	3,252,285	346.2	333.4
1994	11,079	3,280,940	337.7	323.6
1995	11,041	3,308,208	333.7	318.0
1996	11,238	3,340,129	336.5	320.1
1997	11,241	3,372,917	333.3	316.4
1998	11,254	3,405,194	330.5	313.0
1999	11,046	3,437,147	321.4	309.9
2000	11,163	3,454,321	323.2	310.8
2001	10,733	3,465,778	309.6	299.9
2002	11,095	3,487,076	318.1	308.7
2003	11,039	3,504,917	314.8	304.7
2004	10,272	3,523,546	291.5	282.6
2005	10,035	3,543,442	283.2	261.0
2006	9,782	3,579,212	273.3	250.7

**Table 74. Heart Disease Deaths by Selected Demographics:
Oklahoma, 2002-2006**

	Deaths	Population	Death Rate	Age-Adjusted Death Rate
Male	25,704	8,686,647	295.9	339.7
Female	26,519	8,951,628	296.2	225.8
White	46,581	14,251,116	326.9	275.9
Black	3,049	1,472,669	207.2	331.4
Am Indian	2,408	1,591,502	151.3	227.9
Asian/Pac Is	160	323,988	49.4	122.1
Hispanic ¹	449	1,123,585	40.0	145.3
Under 1	27	254,128	10.6	-
1-4 years	14	985,743	1.4	-
5-14 years	13	2,432,601	0.5	-
15-24 years	81	2,640,777	3.1	-
25-34 years	210	2,313,050	9.1	-
35-44 years	1,060	2,431,167	43.6	-
45-54 years	3,134	2,439,863	128.4	-
55-64 years	5,830	1,813,670	321.4	-
65-74 years	8,651	1,211,176	714.3	-
75-84 years	15,220	805,483	1,889.5	-
85+ years	17,972	310,617	5,785.9	-

All rates are deaths per 100,000 population.

Age-adjusted rates based on 2000 U.S. population standard.

ICD9: 390-398, 402,404, 410-414, 415-429

ICD10: Diseases of Heart: I11, I13, I20-I25, I00-I09, I26-I51

¹Hispanic deaths are of any race

**Figure 12. Age-Adjusted Heart Disease Death Rates
by Select Demographic Groups, Oklahoma 2002-2006**

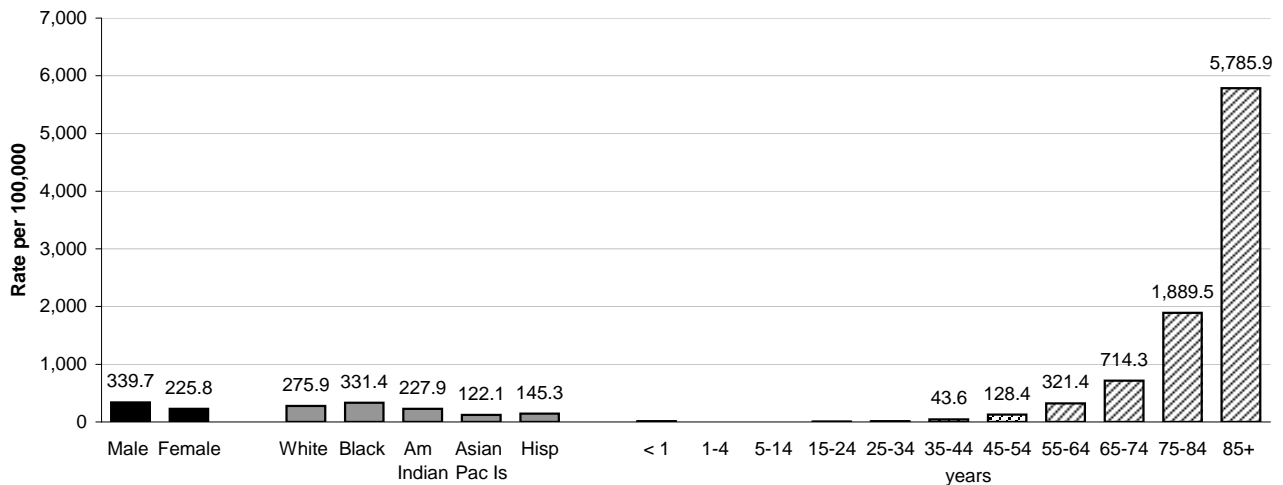


Table 75. Number of deaths, age-adjusted death rate and years of potential life lost due to Heart Disease: Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: I11,I13,I20-I25,I00-I09,I26-I51)

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	52,223	17,638,275	296.1	276.0	115,796
Adair	305	108,906	280.1	299.8	976
Alfalfa	110	29,044	378.7	218.7	90
Atoka	226	71,108	317.8	281.8	392
Beaver	84	27,289	307.8	207.8	42
Beckham	358	95,703	374.1	293.3	686
Blaine	242	61,400	394.1	292.1	407
Bryan	644	187,682	343.1	282.3	1,454
Caddo	547	150,336	363.9	309.9	1,271
Canadian	974	479,131	203.3	251.2	2,026
Carter	953	233,919	407.4	321.6	1,982
Cherokee	593	220,665	268.7	285.9	1,738
Choctaw	383	76,673	499.5	362.4	771
Cimarron	54	14,496	372.5	223.5	48
Cleveland	2,123	1,107,451	191.7	271.1	5,633
Coal	184	29,208	630.0	456.3	321
Comanche	1,262	554,214	227.7	273.6	3,340
Cotton	147	32,553	451.6	305.5	256
Craig	319	74,560	427.8	327.5	618
Creek	1,062	343,775	308.9	288.1	2,568
Custer	441	126,240	349.3	296.7	801
Delaware	801	194,832	411.1	311.5	1,316
Dewey	87	22,801	381.6	205.1	92
Ellis	91	198,096	459.5	252.7	148
Garfield	938	285,591	328.4	249.5	1,702
Garvin	507	136,044	372.7	265.2	1,040
Grady	820	242,189	338.6	333.3	1,944
Grant	92	24,229	379.7	222.4	87
Greer	128	29,414	435.2	285.4	318
Harmon	65	15,257	426.0	245.4	36
Harper	76	16,911	449.4	269.0	121
Haskell	285	60,132	474.0	354.5	482
Hughes	369	69,667	529.7	361.5	687
Jackson	441	134,036	329.0	322.0	870
Jefferson	182	32,369	562.3	352.2	283
Johnston	200	52,021	384.5	310.3	533
Kay	880	233,682	376.6	271.3	1,745
Kingfisher	236	70,619	334.2	260.6	371
Kiowa	276	49,414	558.5	349.4	533
Latimer	191	52,864	361.3	293.0	348
Leflore	796	246,002	323.6	293.9	1,898

Table 75. Number of deaths, age-adjusted death rate and years of potential life lost due to Heart Disease: Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: I11,I13,I20-I25,I00-I09,I26-I51)

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	52,223	17,638,275	296.1	276.0	115,796
Lincoln	541	161,703	334.6	302.6	1,286
Logan	445	179,890	247.4	245.9	1,133
Love	126	45,201	278.8	215.9	257
McClain	392	146,773	267.1	284.2	751
McCurtain	591	169,852	347.9	314.1	1,242
McIntosh	496	99,107	500.5	320.3	914
Major	204	36,944	552.2	330.4	195
Marshall	264	70,117	376.5	271.1	480
Mayes	607	195,993	309.7	268.3	1,199
Murray	302	63,761	473.6	334.5	598
Muskogee	1,211	352,271	343.8	275.9	2,757
Noble	203	56,139	361.6	281.9	450
Nowata	193	53,808	358.7	270.4	444
Okfuskee	282	57,668	489.0	372.9	568
Oklahoma	8,902	3,401,364	261.7	262.1	24,629
Okmulgee	725	198,505	365.2	303.8	1,446
Osage	562	226,135	248.5	231.4	1,330
Ottawa	616	164,179	375.2	287.2	1,028
Pawnee	263	84,100	312.7	264.1	619
Payne	823	363,341	226.5	238.1	1,507
Pittsburg	896	221,883	403.8	292.7	1,541
Pontotoc	557	175,348	317.7	267.4	1,142
Pottawatomie	1,042	338,863	307.5	285.2	2,244
Pushmataha	295	58,437	504.8	356.1	351
Roger Mills	63	16,257	387.5	243.5	82
Rogers	925	394,284	234.6	263.1	1,889
Seminole	527	123,052	428.3	335.9	1,402
Sequoyah	587	202,204	290.3	277.2	1,354
Stephens	1,016	213,976	474.8	341.0	1,505
Texas	225	100,652	223.5	276.9	504
Tillman	163	43,521	374.5	242.5	311
Tulsa	7,587	2,855,685	265.7	269.7	16,964
Wagoner	610	315,371	193.4	253.3	1,491
Washington	784	245,500	319.3	222.3	1,126
Washita	211	57,155	369.2	237.5	344
Woods	211	42,788	493.1	282.3	134
Woodward	289	94,215	306.7	255.6	473
Unknown	15	-	-	-	132

Table 76. Number of deaths, age-adjusted death rate and years of potential life lost due to Heart Disease by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: I11,I13,I20-I25,I00-I09,I26-I51

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	25,704	295.9	339.7	79,128	26,519	296.2	225.8	36,668
Adair	167	310.0	400.0	756	138	250.7	226.1	220
Alfalfa	53	317.0	247.8	86	53	317.0	186.8	86
Atoka	100	259.7	297.2	254	126	386.5	265.2	138
Beaver	47	340.8	290.7	34	37	274.1	144.5	8
Beckham	176	366.6	366.4	473	182	381.6	234.3	213
Blaine	104	301.4	319.3	285	138	513.2	266.7	122
Bryan	298	323.9	325.3	922	346	361.6	242.0	532
Caddo	307	410.8	444.2	902	240	317.4	210.7	369
Canadian	485	203.3	305.2	1,374	489	203.3	209.6	652
Carter	449	397.8	386.9	1,394	504	416.3	267.1	588
Cherokee	307	283.2	359.9	1,271	286	254.8	228.9	467
Choctaw	184	505.2	453.2	507	199	494.4	297.7	264
Cimarron	29	405.0	287.3	22	25	340.8	173.3	26
Cleveland	1,090	195.7	325.7	3,816	1,033	187.7	227.9	1,817
Coal	86	599.0	522.2	199	98	659.9	391.6	122
Comanche	651	232.7	350.0	2,419	611	222.6	216.5	921
Cotton	59	365.0	339.1	212	88	537.0	270.4	44
Craig	147	392.2	390.7	366	172	463.8	283.1	252
Creek	529	314.0	348.0	1,836	533	304.1	237.7	732
Custer	228	371.8	394.0	510	213	328.1	228.3	291
Delaware	371	386.7	333.1	815	430	434.9	286.6	501
Dewey	38	339.0	243.0	79	49	422.7	161.8	13
Ellis	56	571.4	392.1	109	35	349.8	139.5	39
Garfield	478	346.2	331.7	1,185	460	311.8	186.2	517
Garvin	254	387.0	340.4	652	253	359.3	209.4	388
Grady	406	342.0	441.5	1,240	414	335.3	268.4	704
Grant	44	370.9	263.8	77	48	388.2	182.8	10
Greer	64	382.2	343.3	232	64	505.1	223.2	86
Harmon	29	391.8	306.6	20	36	458.3	196.9	16
Harper	34	411.3	292.5	65	42	485.8	250.5	56
Haskell	141	476.7	422.4	268	144	471.3	293.2	214
Hughes	170	471.6	453.3	555	199	591.9	283.1	132
Jackson	205	310.0	390.6	476	236	347.6	275.5	394
Jefferson	97	615.0	469.9	187	85	512.1	264.1	96
Johnston	105	411.7	397.0	414	95	358.3	236.2	119
Kay	418	368.3	336.1	1,273	462	384.4	216.9	472
Kingfisher	102	293.8	291.9	272	134	373.2	231.4	99
Kiowa	141	578.7	487.3	348	135	539.0	263.3	185
Latimer	99	378.8	325.8	232	92	344.2	256.4	116
Leflore	407	330.6	360.7	1,415	389	316.6	237.5	483

Table 76. Number of deaths, age-adjusted death rate and years of potential life lost due to Heart Disease by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: I11,I13,I20-I25,I00-I09,I26-I51

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	25,704	295.9	339.7	79,128	26,519	296.2	225.8	36,668
Lincoln	283	354.4	382.5	926	258	315.2	239.8	360
Logan	225	252.7	305.1	891	220	242.2	194.7	242
Love	61	270.6	244.9	136	65	286.8	188.5	121
McClain	185	253.7	312.8	548	207	280.3	252.2	203
McCurtain	298	363.9	406.1	737	293	333.1	249.9	505
McIntosh	252	531.9	389.9	645	244	471.6	259.3	269
Major	86	477.4	359.6	158	118	623.4	293.5	37
Marshall	147	425.3	376.1	401	117	329.1	190.1	79
Mayer	320	328.3	333.8	811	287	291.3	213.9	388
Murray	150	475.2	382.9	337	152	472.1	288.7	261
Muskogee	597	349.7	349.0	2,007	614	338.2	215.2	750
Noble	97	347.1	329.1	295	106	376.0	240.0	155
Nowata	92	346.9	311.3	334	101	370.1	221.2	110
Okfuskee	130	435.8	431.7	418	152	546.0	318.8	150
Oklahoma	4,403	265.9	328.8	15,877	4,499	257.7	212.9	8,752
Okmulgee	346	357.9	371.2	1,106	379	372.2	249.1	340
Osage	302	264.0	292.8	935	260	232.7	183.9	395
Ottawa	293	366.2	339.0	708	323	383.8	242.1	320
Pawnee	134	321.5	313.7	465	129	304.1	218.6	154
Payne	385	207.0	283.3	1,084	438	246.9	201.5	423
Pittsburg	414	367.2	347.5	1,144	482	441.6	242.9	397
Pontotoc	264	310.7	331.4	814	293	324.2	217.5	328
Pottawatomie	480	293.6	323.4	1,476	562	320.5	247.8	768
Pushmataha	129	457.4	375.1	221	166	549.1	326.0	130
Roger Mills	33	402.5	318.1	63	30	372.3	183.0	19
Rogers	492	253.6	329.9	1,414	433	216.2	211.2	475
Seminole	267	447.7	421.2	1,025	260	410.0	264.3	377
Sequoyah	320	321.8	359.3	989	267	259.9	210.6	365
Stephens	472	453.5	402.6	1,038	544	495.0	291.5	454
Texas	98	188.5	266.0	313	127	261.0	280.1	191
Tillman	86	404.0	333.7	204	77	346.3	179.1	107
Tulsa	3,639	261.2	339.6	11,496	3,948	269.9	220.9	5,468
Wagoner	338	216.1	309.5	1,056	272	171.1	205.5	435
Washington	372	314.4	267.9	792	412	323.9	185.4	334
Washita	96	346.9	284.8	184	115	390.1	206.0	160
Woods	98	444.5	377.4	73	113	544.9	226.1	61
Woodward	154	322.5	340.6	345	135	290.6	190.2	128
Unknown	11	-	-	110	4	-	-	22

Table 77. Cancer Death Trends: Oklahoma 1980-2006

Year	Deaths	Population	Death	Age-Adjusted
			Rate	Death Rate
1980	5,503	3,039,886	181.0	189.2
1981	5,701	3,096,133	184.1	194.1
1982	5,873	3,206,103	183.2	194.2
1983	6,061	3,290,412	184.2	196.0
1984	6,083	3,285,581	185.1	195.9
1985	6,114	3,271,395	186.9	195.5
1986	6,314	3,252,756	194.1	201.0
1987	6,382	3,210,172	198.8	202.5
1988	6,347	3,167,148	200.4	200.5
1989	6,613	3,150,372	209.9	207.1
1990	6,648	3,148,825	211.1	205.8
1991	6,823	3,175,440	214.9	209.5
1992	6,804	3,220,517	211.3	205.1
1993	7,058	3,252,285	217.0	210.5
1994	7,028	3,280,940	214.2	207.3
1995	7,036	3,308,208	212.7	204.8
1996	7,076	3,340,129	211.8	203.6
1997	7,197	3,372,917	213.4	204.9
1998	7,075	3,405,194	207.8	199.5
1999	7,182	3,437,147	209.0	202.9
2000	7,304	3,454,321	211.4	204.2
2001	7,344	3,465,778	211.9	204.6
2002	7,421	3,487,076	212.7	204.5
2003	7,319	3,504,917	208.7	199.2
2004	7,234	3,523,546	205.4	195.2
2005	7,429	3,543,442	209.7	195.9
2006	7,485	3,579,212	209.1	194.7

Table 78. Cancer Deaths Selected Demographics: Oklahoma, 2002-2006

	Deaths	Population	Death	Age-Adjusted
			Rate	Death Rate
Male	19,628	8,686,647	226.0	246.1
Female	17,260	8,951,628	192.8	163.1
White	32,534	14,251,116	228.3	197.2
Black	2,255	1,471,669	153.2	241.6
Am Indian	1,902	1,591,502	119.5	170.5
Asian/Pac Is	181	323,988	55.9	101.1
Hispanic ¹	390	1,123,585	34.7	104.4
Under 1	6	254,128	2.4	-
1-4 years	27	985,743	2.7	-
5-14 years	47	2,432,601	1.9	-
15-24 years	100	2,640,777	3.8	-
25-34 years	258	2,313,050	11.2	-
35-44 years	944	2,431,167	38.8	-
45-54 years	3,382	2,439,863	138.6	-
55-64 years	6,928	1,813,670	382.	-
65-74 years	9,903	1,211,176	817.6	-
75-84 years	10,468	805,483	1,299.6	-
85+ years	4,820	310,617	1,551.8	-

All rates are deaths per 100,000 population.

Age-adjusted rates based on 2000 U.S. population standard.

ICD-9: 140-208 ICD-10: C00-C97

¹Hispanic deaths are of any race

Figure 13. Age-Adjusted Cancer Death Rates by Select Demographic Groups, Oklahoma 2002-2006

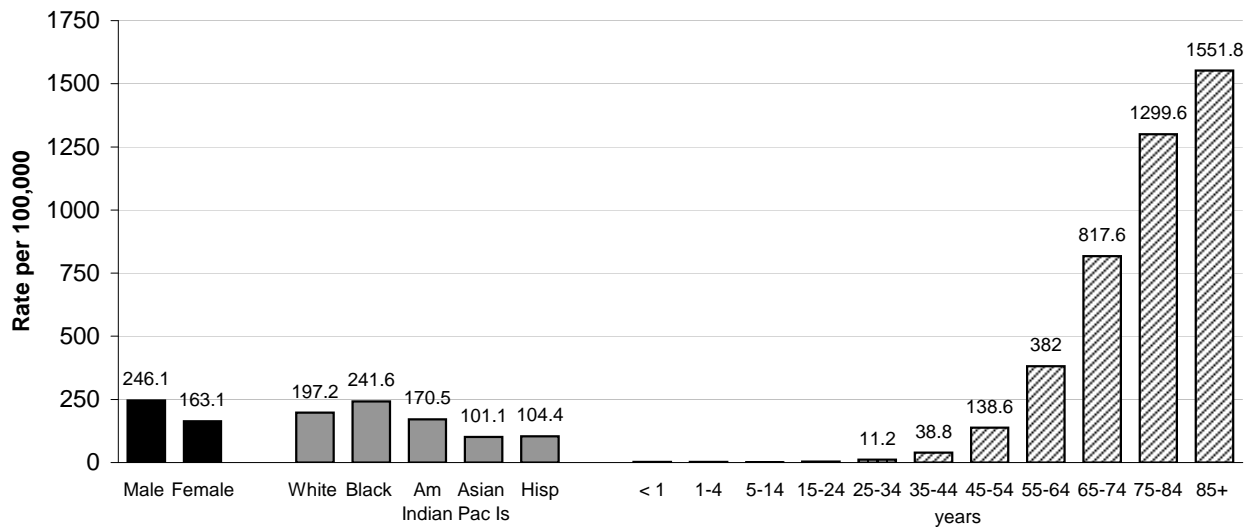


Table 79. Number of deaths, age-adjusted death rate and years of potential life lost due to Cancer: Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: C00-C97

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	36,888	17,638,275	209.1	197.2	126,054
Adair	249	108,906	228.6	237.0	872
Alfalfa	65	29,044	223.8	139.3	56
Atoka	148	71,108	208.1	183.8	366
Beaver	62	27,289	227.2	174.7	137
Beckham	227	95,703	237.2	206.0	733
Blaine	141	61,400	229.6	186.4	293
Bryan	459	187,682	244.6	211.5	1,291
Caddo	382	150,336	254.1	224.5	1,188
Canadian	756	479,131	157.8	180.1	3,136
Carter	585	233,919	250.1	206.2	1,695
Cherokee	418	220,665	189.4	195.8	1,241
Choctaw	257	76,673	335.2	259.7	619
Cimarron	37	14,496	255.2	179.8	99
Cleveland	1,495	1,107,451	135.0	169.0	6,611
Coal	81	29,208	277.3	217.3	292
Comanche	1,024	554,214	184.8	214.8	4,011
Cotton	76	32,553	233.5	181.5	196
Craig	187	74,560	250.8	200.0	667
Creek	836	343,775	243.2	218.7	2,859
Custer	252	126,240	199.6	184.0	856
Delaware	489	194,832	251.0	186.6	1,532
Dewey	60	22,801	263.1	172.7	238
Ellis	43	19,806	217.1	136.4	181
Garfield	696	285,591	243.7	198.1	2,174
Garvin	352	136,044	258.7	200.5	1,332
Grady	525	242,189	216.8	214.8	1,761
Grant	68	24,229	280.7	185.8	209
Greer	74	29,414	251.6	183.5	328
Harmon	55	15,257	360.5	257.3	214
Harper	70	16,911	413.9	270.4	154
Haskell	171	60,132	284.4	222.2	493
Hughes	192	69,667	275.6	216.3	810
Jackson	255	134,036	190.2	190.0	744
Jefferson	108	32,369	333.7	231.9	244
Johnston	125	52,021	240.3	199.8	546
Kay	635	233,682	271.7	210.8	1,656
Kingfisher	169	70,619	239.3	201.6	386
Kiowa	147	49,414	297.5	215.1	494
Latimer	129	52,864	244.0	204.3	476
Leflore	5,656	246,002	229.7	209.8	1,792

Table 79. Number of deaths, age-adjusted death rate and years of potential life lost due to Cancer: Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: C00-C97

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	36,888	17,638,275	209.1	197.2	126,054
Lincoln	399	161,703	246.7	220.7	1,280
Logan	349	179,890	194.0	197.3	1,216
Love	123	45,201	272.1	212.7	299
McClain	303	146,773	206.4	199.9	925
McCurtain	430	169,852	253.2	229.0	1,351
McIntosh	290	99,107	292.6	194.9	912
Major	90	36,944	243.6	166.2	356
Marshall	183	70,117	261.0	186.3	347
Mayes	487	195,993	248.5	213.9	1,607
Murray	207	63,761	324.6	243.0	547
Muskogee	888	352,271	252.1	213.9	2,518
Noble	128	56,139	228.0	186.1	300
Nowata	139	53,808	258.3	201.8	407
Okfuskee	154	57,668	267.0	213.2	456
Oklahoma	6,525	3,401,364	191.8	193.4	23,416
Okmulgee	520	198,505	262.0	225.1	1,772
Osage	468	226,135	207.0	185.9	1,699
Ottawa	475	164,179	289.3	230.2	1,366
Pawnee	214	84,100	254.5	211.3	595
Payne	552	363,341	151.9	173.5	1,775
Pittsburg	576	221,883	259.6	199.9	1,895
Pontotoc	413	175,348	235.5	207.2	1,506
Pottawatomie	700	338,863	206.6	192.9	2,467
Pushmataha	195	58,437	333.7	248.6	595
Roger Mills	26	16,257	159.9	105.9	61
Rogers	710	394,284	180.1	184.0	2,721
Seminole	322	123,052	261.7	214.6	1,070
Sequoyah	480	202,204	237.4	217.8	1,721
Stephens	562	213,976	262.6	199.0	1,696
Texas	125	100,652	124.2	149.5	501
Tillman	159	43,521	365.3	259.3	431
Tulsa	5,494	2,855,685	192.4	195.4	20,308
Wagoner	513	315,371	162.7	181.3	2,037
Washington	593	245,500	241.5	178.4	1,790
Washita	145	57,155	253.7	179.8	253
Woods	93	42,788	217.4	145.3	126
Woodward	189	94,215	200.6	177.8	706
Unknown	4	-	-	-	44

Table 80. Number of deaths, age-adjusted death rate and years of potential life lost due to Cancer by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: C00-C97

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	19,628	226.0	246.1	65,978	17,260	192.8	163.1	60,076
Adair	131	243.2	278.8	449	118	214.4	203.7	423
Alfalfa	29	173.5	137.7	26	36	292.1	143.0	30
Atoka	89	231.1	244.0	219	59	181.0	135.1	147
Beaver	37	268.3	229.4	85	25	185.2	126.4	52
Beckham	114	237.5	238.9	337	113	236.9	184.7	396
Blaine	79	228.9	242.7	218	62	230.6	142.2	75
Bryan	238	258.7	251.3	587	221	231.0	180.8	704
Caddo	204	273.0	284.9	640	178	235.4	185.6	548
Canadian	395	165.6	218.7	1,642	361	150.1	154.6	1,494
Carter	304	269.4	254.1	910	281	232.1	173.7	785
Cherokee	227	209.4	242.1	530	191	170.1	164.5	711
Choctaw	147	403.6	353.5	299	110	273.3	190.8	320
Cimarron	19	265.4	190.1	34	18	245.4	192.4	65
Cleveland	844	151.5	218.9	3,677	651	118.3	133.3	2,934
Coal	48	334.3	292.0	211	33	222.2	156.8	81
Comanche	548	195.9	272.2	2,218	476	173.4	176.4	1,793
Cotton	44	272.2	254.4	107	32	195.3	136.1	89
Craig	91	242.8	225.4	391	96	258.9	175.8	276
Creek	446	264.7	268.9	1,402	390	222.5	183.2	1,457
Custer	144	234.8	246.5	424	108	166.4	140.3	432
Delaware	265	276.2	219.5	756	224	226.5	161.8	776
Dewey	31	276.6	201.6	73	29	250.2	162.7	165
Ellis	21	214.3	159.6	156	22	219.9	107.8	25
Garfield	364	263.7	248.8	1,138	332	225.0	162.6	1,036
Garvin	194	295.6	257.8	611	158	224.4	160.6	721
Grady	272	229.1	257.8	1,102	253	204.9	183.1	659
Grant	39	328.8	237.0	120	29	234.5	140.8	89
Greer	41	244.9	220.5	222	33	260.5	163.5	106
Harmon	34	459.3	374.9	85	21	267.3	181.6	129
Harper	37	447.6	319.0	34	33	381.7	239.4	120
Haskell	104	351.6	304.7	231	67	219.3	160.3	262
Hughes	106	294.1	274.2	341	86	255.8	181.5	469
Jackson	131	198.1	240.1	398	124	182.6	163.4	346
Jefferson	64	405.8	314.0	135	44	265.1	166.4	109
Johnston	72	282.3	259.3	270	53	199.9	161.6	276
Kay	329	289.9	256.7	900	306	254.6	177.7	756
Kingfisher	89	256.4	246.4	149	80	222.8	170.1	237
Kiowa	85	348.8	295.1	313	62	247.5	155.4	181
Latimer	76	290.8	247.6	208	53	198.3	164.9	268
Leflore	306	248.5	261.2	932	259	210.8	172.8	860

Table 80. Number of deaths, age-adjusted death rate and years of potential life lost due to Cancer by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: C00-C97

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	19,628	226.0	246.1	65,978	17,260	192.8	163.1	60,076
Lincoln	229	286.8	284.4	793	170	207.7	170.8	487
Logan	200	224.6	263.7	737	149	164.0	148.3	479
Love	71	315.0	276.1	117	52	229.5	166.4	182
McClain	174	238.6	253.2	597	129	174.7	156.3	328
McCurtain	252	307.7	323.5	757	178	202.4	164.8	594
McIntosh	180	380.0	263.1	605	110	212.6	131.9	307
Major	41	227.6	174.4	215	49	258.9	152.3	141
Marshall	110	318.2	259.0	197	73	205.3	133.5	150
Mayes	269	276.0	262.6	828	218	221.2	174.8	779
Murray	112	354.8	281.0	231	95	295.1	213.5	316
Muskogee	464	271.8	268.5	1,493	424	233.5	174.6	1,025
Noble	73	261.2	241.6	190	55	195.1	144.2	110
Nowata	71	267.7	234.3	208	68	249.2	178.1	199
Okfuskee	90	301.7	273.5	254	64	229.9	162.2	202
Oklahoma	3,391	204.8	243.6	12,044	3,134	179.5	160.5	11,372
Okmulgee	292	302.0	298.2	1,086	228	223.9	170.7	686
Osage	245	214.1	213.2	839	223	199.6	164.8	860
Ottawa	255	318.7	290.8	477	220	261.4	193.6	889
Pawnee	108	259.1	241.8	300	106	249.9	193.4	295
Payne	305	164.0	225.1	909	247	139.2	138.5	866
Pittsburg	312	276.7	247.3	913	264	241.9	166.1	982
Pontotoc	213	250.7	252.7	858	200	221.3	176.6	648
Pottawatomie	377	230.6	243.2	1,301	323	184.2	157.7	1,166
Pushmataha	113	400.7	318.8	310	82	271.2	191.5	285
Roger Mills	16	195.2	148.6	60	10	124.1	67.9	1
Rogers	375	193.3	213.4	1,547	335	167.3	160.8	1,174
Seminole	174	291.8	264.9	554	148	233.4	179.5	516
Sequoyah	280	281.5	291.2	880	200	194.6	165.3	841
Stephens	307	295.0	250.7	763	255	232.0	162.5	933
Texas	75	144.2	191.7	347	50	102.8	112.8	154
Tillman	94	441.6	367.6	278	65	292.3	180.3	153
Tulsa	2,747	197.2	241.9	10,231	2,747	187.8	167.6	10,077
Wagoner	276	176.5	215.7	1,023	237	149.1	155.0	1,014
Washington	276	233.3	192.4	880	317	249.2	168.3	910
Washita	77	278.2	229.6	123	68	230.7	141.0	130
Woods	43	195.0	171.5	72	50	241.1	131.4	54
Woodward	101	211.5	217.4	337	88	189.4	152.4	369
Unknown	2	-	-	44	2	-	-	-

Table 81. Stroke Death Trends: Oklahoma 1980-2006

Year	Deaths	Population	Death Rate	Age-Adjusted Death Rate
1980	2,744	3,039,886	90.3	104.1
1981	2,592	3,096,133	83.7	95.8
1982	2,544	3,206,103	79.3	91.3
1983	2,513	3,290,412	76.4	88.5
1984	2,387	3,285,581	72.7	82.7
1985	2,469	3,271,395	75.5	84.0
1986	2,433	3,252,756	74.8	81.5
1987	2,394	3,210,172	74.6	78.8
1988	2,310	3,167,148	72.9	75.2
1989	2,280	3,150,372	72.4	72.9
1990	2,204	3,148,825	70.0	69.4
1991	2,081	3,175,440	65.5	64.1
1992	2,179	3,220,517	67.7	65.5
1993	2,271	3,252,285	69.8	67.2
1994	2,139	3,280,940	65.2	62.4
1995	2,344	3,308,208	70.9	67.3
1996	2,398	3,340,129	71.8	68.0
1997	2,370	3,372,917	70.3	66.5
1998	2,284	3,405,194	67.1	63.4
1999	2,447	3,437,147	71.2	68.6
2000	2,476	2,454,300	71.7	68.9
2001	2,354	3,465,778	67.9	65.8
2002	2,417	3,487,076	69.3	67.5
2003	2,473	3,504,917	70.6	68.7
2004	2,176	3,523,546	61.8	60.1
2005	2,237	3,543,442	63.1	58.1
2006	2,081	3,579,212	58.1	53.3

Table 82. Stroke Deaths Selected Demographics: Oklahoma, 2002-2006

	Deaths	Population	Death Rate	Age-Adjusted Death Rate
Male	4,302	8,686,647	49.5	58.5
Female	7,082	8,951,628	79.1	60.3
White	10,078	14,251,116	70.7	59.4
Black	789	1,471,669	53.6	85.9
Am Indian	446	1,591,502	28.0	44.3
Asian/Pac Is	66	323,988	20.4	47.1
Hispanic ¹	142	1,123,585	12.6	42.3
Under 1	21	254,128	8.3	-
1-4 years	7	985,743	0.7	-
5-14 years	5	2,432,601	0.2	-
15-24 years	18	2,640,777	0.7	-
25-34 years	45	2,313,050	1.9	-
35-44 years	174	2,431,167	7.2	-
45-54 years	463	2,439,863	19.0	-
55-64 years	807	1,813,670	44.5	-
65-74 years	1,652	1,211,176	136.4	-
75-84 years	3,748	805,483	465.3	-
85+ years	4,441	310,617	1,429.7	-

All rates are deaths per 100,000 population.

Age-adjusted rates based on 2000 U.S. population standard.

ICD-9: 430-438 ICD-10: I60-I69

¹Hispanic deaths are of any race

Age-adjusted rates based on 2000 U.S. population standard.

++ Rates are not calculated for fewer than 5 events due to instability

Figure 14. Age-Adjusted Stroke Death Rates by Select Demographic Groups, Oklahoma 2002-2006

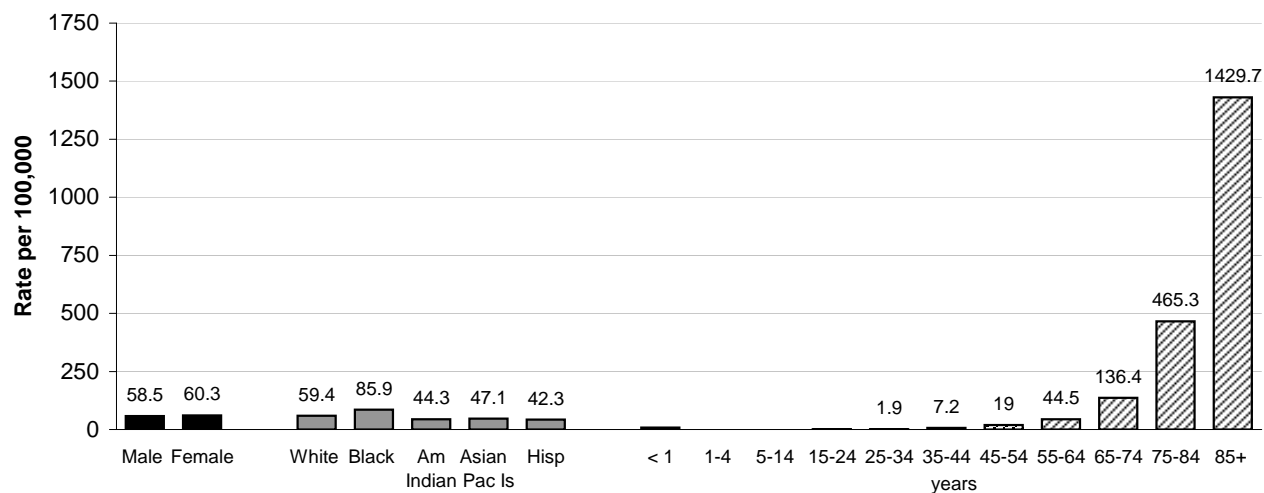


Table 83. Number of deaths, age-adjusted death rate and years of potential life lost due to Cerebrovascular Disease: Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: I60-I69

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	11,384	17,638,275	64.5	60.2	19,578
Adair	58	108,906	53.3	57.3	183
Alfalfa	31	29,044	106.7	59.5	1
Atoka	45	71,108	63.3	54.7	22
Beaver	18	27,289	66.0	49.1	73
Beckham	83	95,703	86.7	65.5	134
Blaine	49	61,400	79.8	56.0	39
Bryan	142	187,682	75.7	60.9	281
Caddo	91	150,336	60.5	52.3	278
Canadian	221	479,131	46.1	57.9	420
Carter	192	233,919	82.1	64.6	376
Cherokee	131	220,665	59.4	64.5	234
Choctaw	50	76,673	65.2	47.4	113
Cimarron	6	14,496	41.4	24.3	17
Cleveland	488	1,107,451	44.1	65.1	1,076
Coal	22	29,208	75.3	59.8	92
Comanche	312	554,214	56.3	68.1	702
Cotton	23	32,553	70.7	49.5	21
Craig	44	74,560	59.0	43.1	12
Creek	236	343,775	68.6	64.5	293
Custer	77	126,240	61.0	51.4	103
Delaware	117	194,832	60.1	46.2	269
Dewey	29	22,801	127.2	57.4	3
Ellis	21	19,806	106.0	61.9	27
Garfield	288	285,591	100.8	75.1	360
Garvin	131	136,044	96.3	65.1	218
Grady	116	242,189	47.9	47.3	190
Grant	22	24,229	90.8	49.9	21
Greer	34	29,414	115.6	69.0	68
Harmon	18	15,257	118.0	61.5	16
Harper	29	16,911	171.5	102.1	27
Haskell	39	60,132	64.9	49.5	66
Hughes	59	69,667	84.7	61.6	82
Jackson	128	134,036	95.5	94.2	84
Jefferson	43	32,369	132.8	83.4	67
Johnston	28	52,021	53.8	43.2	45
Kay	206	233,682	88.2	60.6	185
Kingfisher	43	70,619	60.9	48.3	76
Kiowa	72	49,414	145.7	86.7	75
Latimer	22	52,864	41.6	33.4	16
Leflore	173	246,002	70.3	63.7	137

Table 83. Number of deaths, age-adjusted death rate and years of potential life lost due to Cerebrovascular Disease: Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: I60-I69

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	11,384	17,638,275	64.5	60.2	19,578
Lincoln	114	161,703	70.5	64.9	119
Logan	142	179,890	78.9	81.8	218
Love	22	45,201	48.7	35.4	4
McClain	102	146,773	69.5	76.1	75
McCurtain	106	169,852	62.4	56.9	151
McIntosh	70	99,107	70.6	45.6	106
Major	36	36,944	97.4	56.0	12
Marshall	55	70,117	78.4	56.0	112
Mayes	111	195,993	56.6	49.5	197
Murray	60	63,761	94.1	63.0	23
Muskogee	238	352,271	67.6	52.4	390
Noble	28	56,139	49.9	38.1	17
Nowata	40	53,808	74.3	52.6	3
Okfuskee	26	57,668	45.1	32.4	15
Oklahoma	2,202	3,401,364	64.7	64.9	4,650
Okmulgee	133	198,505	67.0	54.9	188
Osage	114	226,135	51.7	49.8	73
Ottawa	143	164,179	87.1	66.1	151
Pawnee	64	84,100	76.1	63.9	89
Payne	148	363,341	40.7	41.7	274
Pittsburg	153	221,883	69.0	50.0	273
Pontotoc	181	175,348	103.2	84.6	125
Pottawatomie	235	338,863	69.3	64.0	305
Pushmataha	48	58,437	82.1	57.6	79
Roger Mills	16	16,257	98.4	58.5	34
Rogers	224	394,284	56.8	64.8	390
Seminole	86	123,052	69.9	52.8	75
Sequoyah	155	202,204	76.7	74.8	113
Stephens	201	213,976	93.9	66.5	256
Texas	30	100,652	29.8	38.0	48
Tillman	42	43,521	96.5	59.0	101
Tulsa	1,645	2,855,685	57.6	58.7	3,518
Wagoner	125	315,371	39.6	54.7	258
Washington	183	245,500	74.5	51.4	215
Washita	52	57,155	91.0	59.9	55
Woods	57	42,788	133.2	73.8	59
Woodward	53	94,215	56.3	49.2	261
Unknown	4	-	-	-	44

Table 84. Number of deaths, age-adjusted death rate and years of potential life lost due to Cerebrovascular Disease by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: I60-I69

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	4,302	49.5	58.8	10,014	7,082	79.1	60.3	9,564
Adair	27	50.1	65.4	136	31	56.3	50.1	47
Alfalfa	14	83.7	65.6	-	17	137.9	53.2	1
Atoka	16	41.5	47.6	16	29	89.0	55.6	6
Beaver	14	101.5	89.6	73	4	++	++	-
Beckham	29	60.4	60.3	31	54	113.2	70.1	103
Blaine	22	63.7	65.3	10	27	100.4	53.0	29
Bryan	57	62.0	62.2	142	85	88.8	58.8	139
Caddo	38	50.9	54.2	208	53	70.1	49.2	70
Canadian	87	36.5	55.4	163	134	55.7	58.6	257
Carter	74	65.6	64.2	270	118	97.5	62.5	106
Cherokee	51	47.0	63.0	94	80	71.3	65.5	140
Choctaw	16	43.9	38.4	18	34	84.5	56.4	95
Cimarron	2	++	++	14	4	++	++	3
Cleveland	194	34.8	64.7	679	294	53.4	65.3	397
Coal	10	69.7	66.4	78	12	80.8	52.4	14
Comanche	123	44.0	68.1	377	189	68.9	67.0	325
Cotton	9	55.7	49.8	17	14	85.4	47.7	4
Craig	13	34.7	35.1	12	31	83.6	45.7	-
Creek	96	57.0	66.7	136	140	79.9	63.4	157
Custer	29	47.3	49.4	42	48	73.9	53.8	61
Delaware	43	44.8	37.8	139	74	74.8	50.2	130
Dewey	7	62.4	42.0	3	22	189.8	65.3	-
Ellis	10	102.0	73.8	25	11	109.9	53.2	2
Garfield	107	77.5	75.0	203	181	122.7	73.9	157
Garvin	49	74.7	66.2	163	82	116.5	62.2	55
Grady	50	42.1	53.9	33	66	53.5	43.1	157
Grant	13	109.6	78.6	21	9	72.8	29.6	-
Greer	10	59.7	53.5	39	24	189.4	77.1	29
Harmon	5	67.5	52.1	16	13	165.5	56.7	-
Harper	9	108.9	84.2	22	20	231.3	110.8	5
Haskell	16	54.1	47.8	16	23	75.3	51.7	50
Hughes	21	58.3	55.3	8	38	113.0	68.5	74
Jackson	49	74.1	98.7	64	79	116.3	90.8	20
Jefferson	20	126.8	99.3	52	23	138.6	66.9	15
Johnston	12	47.0	46.7	6	16	60.3	40.7	39
Kay	86	75.8	69.7	120	120	99.8	54.5	65
Kingfisher	17	49.0	48.0	56	26	72.4	47.2	20
Kiowa	26	106.7	90.6	75	46	183.7	79.7	-
Latimer	11	42.1	33.9	16	11	41.2	30.0	-
Leflore	54	43.9	50.1	47	119	96.8	70.8	90

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 84. Number of deaths, age-adjusted death rate and years of potential life lost due to Cerebrovascular Disease by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: I60-I69

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	4,302	49.5	58.8	10,014	7,082	79.1	60.3	9,564
Lincoln	36	45.1	49.7	59	78	95.3	72.3	60
Logan	52	58.4	76.7	120	90	99.1	83.1	98
Love	5	22.2	17.8	4	17	75.0	45.9	-
McClain	45	61.7	86.4	70	57	77.2	70.1	5
McCurtain	39	47.6	54.0	66	67	76.2	58.9	85
McIntosh	32	67.5	50.5	76	38	73.5	40.8	30
Major	20	111.0	83.8	10	16	84.5	38.2	2
Marshall	21	60.8	55.9	55	34	95.6	57.0	57
Mayer	54	55.4	57.0	120	57	57.8	42.4	77
Murray	31	31.0	79.0	82	29	90.1	51.3	4
Muskogee	94	55.1	56.2	173	144	79.3	49.2	217
Noble	13	46.5	46.0	17	15	53.2	34.5	-
Nowata	13	49.0	45.7	2	27	98.9	59.2	1
Okfuskee	13	43.6	46.7	1	13	46.7	24.5	14
Oklahoma	788	47.6	61.0	2,020	1,414	81.0	66.3	2,630
Okmulgee	43	44.5	47.0	61	90	88.4	60.3	127
Osage	53	46.3	59.3	5	64	57.3	44.7	68
Ottawa	47	58.7	56.5	93	96	114.1	70.1	58
Pawnee	27	64.8	65.8	70	37	87.2	60.3	19
Payne	54	29.0	40.3	206	94	53.0	40.5	68
Pittsburg	62	55.0	52.4	181	91	83.4	46.2	92
Pontotoc	57	67.1	74.2	34	124	137.2	90.0	91
Pottawatomie	78	47.7	55.3	115	157	89.5	69.0	190
Pushmataha	18	63.8	55.9	19	30	99.2	61.4	60
Roger Mills	5	61.0	50.2	20	11	136.5	65.1	14
Rogers	72	37.1	50.1	72	152	75.9	74.9	318
Seminole	29	48.6	47.1	35	57	89.9	56.8	40
Sequoyah	60	60.3	69.9	52	95	92.5	73.9	61
Stephens	68	65.3	59.1	202	133	121.0	69.6	54
Texas	16	30.8	48.9	32	14	28.8	31.3	16
Tillman	17	79.9	70.0	90	25	112.4	48.4	11
Tulsa	616	44.2	59.7	1,874	1,029	70.4	57.8	1,644
Wagoner	52	33.2	51.0	94	73	45.9	56.4	164
Washington	78	65.9	55.3	116	105	82.6	48.7	99
Washita	23	83.1	68.1	20	29	98.4	51.8	35
Woods	14	63.5	54.1	58	43	207.3	80.7	1
Woodward	21	44.0	47.8	113	32	68.9	53.4	148
Unknown	-	-	-	-	4	-	-	44

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 85. Unintentional Injury Death Trends: Oklahoma 1980-2006

Year	Deaths	Population	Death Rate	Age-Adjusted Death Rate
1980	1,844	3,039,886	60.7	60.7
1981	1,858	3,096,133	60.0	59.1
1982	1,967	3,206,103	61.4	60.5
1983	1,668	3,290,412	50.7	51.2
1984	1,560	3,285,581	47.5	48.0
1985	1,522	3,271,395	46.5	46.9
1986	1,453	3,252,756	44.7	44.4
1987	1,336	3,210,172	41.6	41.7
1988	1,369	3,167,148	43.2	43.2
1989	1,297	3,150,372	41.2	41.1
1990	1,322	3,148,825	42.0	41.4
1991	1,376	3,175,440	43.3	42.9
1992	1,256	3,220,517	39.0	38.6
1993	1,422	3,252,285	43.7	43.5
1994	1,441	3,280,940	43.9	43.5
1995	1,377	3,308,208	41.6	41.1
1996	1,547	3,340,129	46.3	45.8
1997	1,562	3,372,917	46.3	45.7
1998	1,587	3,405,194	46.6	45.7
1999	1,511	3,437,147	44.0	43.3
2000	1,425	3,454,300	41.3	40.7
2001	1,653	3,465,778	47.7	47.2
2002	1,534	3,487,076	44.0	43.7
2003	1,738	3,504,917	49.6	49.5
2004	1,925	3,523,546	54.6	54.2
2005	2,028	3,543,442	57.2	56.1
2006	2,034	3,579,212	56.8	56.1

Table 86. Unint'l Inj Deaths by Selected Demographics: OK, 2002-2006

	Deaths	Population	Death Rate	Age-Adjusted Death Rate
Male	5,861	8,686,647	67.5	70.0
Female	3,398	8,951,628	38.0	34.9
White	7,803	14,251,116	54.8	52.4
Black	517	1,471,669	35.1	40.8
Am Indian	874	1,591,502	54.9	60.9
Asian/Pac Is	61	323,988	18.8	25.0
Hispanic ¹	363	1,123,585	32.3	39.3
Under 1	61	254,128	24.0	-
1-4 years	154	985,743	15.6	-
5-14 years	223	2,432,601	9.2	-
15-24 years	1,304	2,640,777	49.4	-
25-34 years	1,111	2,313,050	48.0	-
35-44 years	1,433	2,431,167	58.9	-
45-54 years	1,457	2,439,863	59.7	-
55-64 years	834	1,813,670	46.0	-
65-74 years	733	1,211,176	60.5	-
75-84 years	988	805,483	122.7	-
85+ years	960	310,617	309.1	-

All rates are deaths per 100,000 population.
 Age-adjusted rates based on 2000 U.S. population standard.
 ICD-9: E800-E949 ICD-10: V01-X59, Y85-Y86
¹Hispanic deaths are of any race

Figure 15. Age-Adjusted Unintentional Injury Death Rates by Select Demographic Groups, Oklahoma 2002-2006

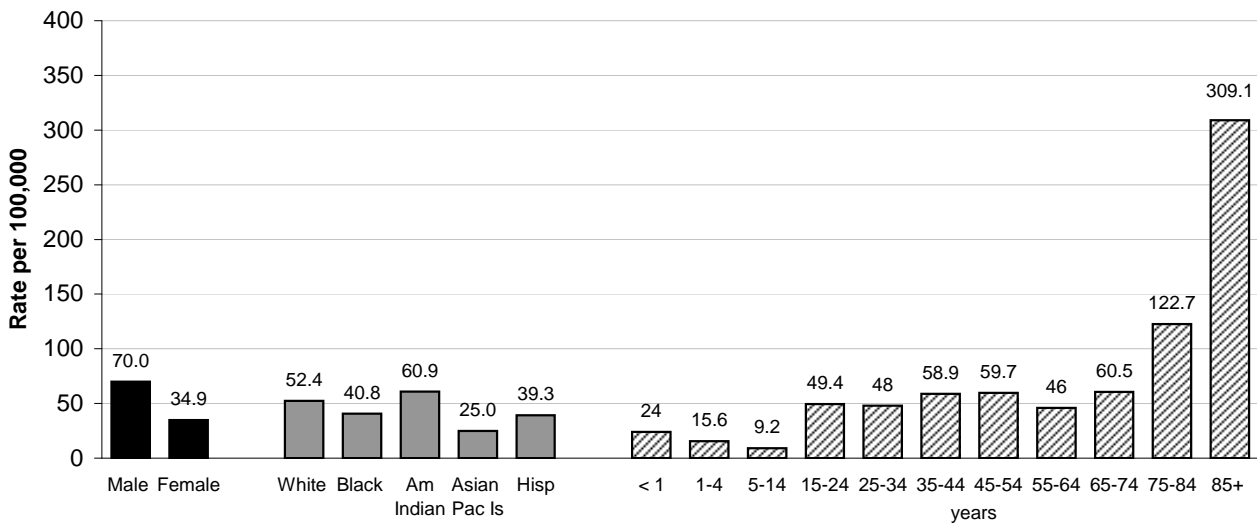


Table 87. Number of deaths, age-adjusted death rate and years of potential life lost due to Unintentional Injuries: Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: V01-X59, Y85-Y86

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	9,259	17,638,275	52.5	51.8	188,663
Adair	72	108,906	66.1	68.0	1,811
Alfalfa	19	29,044	65.4	57.3	335
Atoka	52	71,108	73.1	70.0	985
Beaver	21	27,289	77.0	76.2	475
Beckham	77	95,703	80.5	76.1	1,331
Blaine	52	61,400	84.7	76.6	1,026
Bryan	124	187,682	66.1	63.8	2,429
Caddo	98	150,336	65.2	64.3	1,964
Canadian	174	479,131	36.3	37.6	3,190
Carter	165	233,919	70.5	68.5	3,693
Cherokee	120	220,665	54.4	58.6	2,425
Choctaw	67	76,673	87.4	82.2	1,231
Cimarron	14	14,496	96.6	85.9	268
Cleveland	345	1,107,451	31.2	33.8	7,859
Coal	20	29,208	68.5	63.6	391
Comanche	182	554,214	32.8	35.1	3,995
Cotton	23	32,553	70.7	62.8	322
Craig	47	74,560	63.0	57.0	850
Creek	208	343,775	60.5	60.5	4,471
Custer	58	126,240	45.9	42.9	1,362
Delaware	128	194,832	65.7	64.0	2,468
Dewey	20	22,801	87.7	74.4	339
Ellis	14	19,806	70.1	68.6	286
Garfield	149	285,591	52.2	47.3	2,527
Garvin	112	136,044	82.3	75.2	2,050
Grady	143	242,189	59.0	59.7	3,229
Grant	21	24,229	86.7	74.2	330
Greer	15	29,414	51.0	43.8	211
Harmon	12	15,257	78.7	63.0	326
Harper	18	16,911	106.4	101.1	379
Haskell	50	60,132	83.2	82.3	1,237
Hughes	64	69,667	91.9	83.3	1,259
Jackson	55	134,036	41.0	41.9	1,360
Jefferson	20	32,369	61.8	60.3	450
Johnston	48	52,021	92.3	91.8	1,010
Kay	168	233,682	71.9	67.8	3,477
Kingfisher	42	70,619	59.5	56.8	760
Kiowa	33	49,414	66.8	50.4	330
Latimer	48	52,864	90.8	88.2	1,118
Leflore	185	246,002	75.2	74.5	4,115

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

-Denote no events in that category

Table 87. Number of deaths, age-adjusted death rate and years of potential life lost due to Unintentional Injuries: Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: V01-X59, Y85-Y86

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	9,259	17,638,275	52.5	51.8	188,663
Lincoln	110	161,703	68.0	66.1	1,887
Logan	72	179,890	40.0	38.7	1,436
Love	35	45,201	77.4	79.1	815
McClain	82	146,773	55.9	57.4	1,639
McCurtain	146	169,852	86.0	88.0	3,611
McIntosh	66	99,107	66.6	63.3	1,162
Major	26	36,944	70.4	68.7	514
Marshall	38	70,117	54.2	52.7	802
Mayes	121	195,993	61.7	61.0	2,340
Murray	49	63,761	76.8	72.8	930
Muskogee	185	352,271	52.5	51.0	4,054
Noble	42	56,139	74.8	66.8	542
Nowata	32	53,808	59.5	55.3	718
Okfuskee	45	57,668	78.0	74.9	877
Oklahoma	1,428	3,401,364	42.0	42.4	27,760
Okmulgee	125	198,505	63.0	61.4	2,586
Osage	99	226,135	43.8	42.9	2,051
Ottawa	109	164,179	66.4	63.7	2,233
Pawnee	70	8,400	83.2	82.7	1,462
Payne	149	363,341	41.0	43.3	3,211
Pittsburg	156	221,883	70.3	67.4	3,246
Pontotoc	123	175,348	70.1	68.9	2,681
Pottawatomie	193	338,863	57.0	56.0	3,978
Pushmataha	43	58,437	73.6	72.7	860
Roger Mills	16	16,257	98.4	93.9	404
Rogers	206	394,284	52.2	54.6	4,323
Seminole	95	123,052	77.2	74.2	1,939
Sequoyah	119	202,204	58.9	60.2	2,669
Stephens	113	213,976	52.8	50.6	2,230
Texas	52	100,652	51.7	55.7	1,252
Tillman	33	43,521	75.8	66.1	502
Tulsa	1,423	2,855,685	49.8	50.3	29,146
Wagoner	123	315,371	39.0	42.3	2,869
Washington	127	245,500	51.7	46.2	2,000
Washita	32	57,155	56.0	50.5	640
Woods	23	42,788	53.8	38.6	195
Woodward	56	94,215	59.4	57.5	1,196
Unknown	14	-	-	-	229

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

-Denote no events in that category

Table 88. Number of deaths, age-adjusted death rate and years of potential life lost due to Unintentional Injury by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: V01-X59, Y85-Y86

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	5,861	67.5	70.0	131,344	3,398	38.0	34.9	57,319
Adair	49	91.0	93.9	1,249	23	41.8	42.0	562
Alfalfa	12	71.8	64.4	218	7	56.8	48.9	117
Atoka	33	85.7	85.4	619	19	58.3	53.4	366
Beaver	14	101.5	110.6	399	7	51.9	37.0	76
Beckham	48	100.0	100.8	885	29	60.8	50.1	446
Blaine	36	104.3	101.1	819	16	59.5	45.4	207
Bryan	64	69.6	70.5	1,408	60	62.7	57.6	1,021
Caddo	62	83.0	84.2	1,423	36	47.6	44.0	541
Canadian	119	49.9	52.9	2,407	55	22.9	22.8	783
Carter	108	95.7	95.6	2,636	57	47.1	42.3	1,057
Cherokee	81	74.7	83.7	1,690	39	34.7	35.6	735
Choctaw	47	129.0	129.7	925	20	49.7	40.6	306
Cimarron	9	125.7	102.2	141	5	68.2	72.2	127
Cleveland	233	41.8	46.1	5,854	112	20.3	22.3	2,005
Coal	15	104.5	102.4	361	5	33.7	24.5	30
Comanche	112	40.0	45.9	2,682	70	25.5	25.4	1,313
Cotton	12	74.2	74.0	223	11	67.1	48.9	99
Craig	27	72.0	73.6	604	20	53.9	42.2	246
Creek	123	73.0	73.9	2,982	85	48.5	46.8	1,489
Custer	44	71.8	72.1	1,084	14	21.6	16.8	278
Delaware	84	87.5	88.2	1,639	44	44.5	40.8	829
Dewey	9	80.3	76.2	175	11	94.9	71.5	164
Ellis	10	102.0	104.7	245	4	++	++	41
Garfield	82	59.4	59.4	1,694	67	45.4	35.5	833
Garvin	70	106.7	104.6	1,463	42	59.6	47.7	587
Grady	91	76.6	80.6	2,124	52	42.1	40.7	1,105
Grant	11	92.7	86.1	236	10	80.9	62.5	94
Greer	11	65.7	60.6	211	4	++	++	-
Harmon	5	67.5	60.3	217	7	89.1	59.4	109
Harper	16	193.6	191.7	379	2	++	++	-
Haskell	33	111.6	115.3	938	17	55.6	47.6	299
Hughes	44	122.1	121.4	967	20	59.5	45.5	292
Jackson	33	49.9	55.2	839	22	32.4	31.1	521
Jefferson	15	95.1	96.4	368	5	30.1	24.9	82
Johnston	26	101.9	97.8	551	22	83.0	87.4	459
Kay	109	96.0	95.2	2,560	59	49.1	41.4	917
Kingfisher	27	77.8	80.5	603	15	41.8	34.9	157
Kiowa	20	82.1	75.0	249	13	51.9	30.3	81
Latimer	26	99.5	100.8	698	22	82.3	74.9	420
Leflore	123	99.9	101.4	3,059	62	50.5	48.5	1,056

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 88. Number of deaths, age-adjusted death rate and years of potential life lost due to Unintentional Injury by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: V01-X59, Y85-Y86

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	5,861	67.5	70.0	131,344	3,398	38.0	34.9	57,319
Lincoln	65	81.4	83.2	1,135	45	55.0	51.7	752
Logan	43	48.3	48.1	923	29	31.9	29.2	513
Love	26	115.3	121.5	625	9	39.7	40.6	190
McClain	53	72.7	79.5	1,079	29	39.3	38.9	560
McCurtain	104	127.0	133.0	2,839	42	47.7	45.4	772
McIntosh	44	92.9	90.2	783	22	42.5	39.5	379
Major	22	122.1	127.5	492	4	++	++	22
Marshall	26	75.2	74.5	506	12	33.8	32.8	296
Mayer	84	86.2	90.2	1,746	37	37.6	33.9	594
Murray	32	101.4	99.7	693	17	52.8	46.8	237
Muskogee	105	61.5	63.2	2,663	80	44.1	39.1	1,391
Noble	20	71.6	73.4	357	22	78.0	56.2	185
Nowata	22	83.0	80.0	450	10	36.6	31.2	268
Okfuskee	24	80.5	76.9	458	21	75.4	70.4	419
Oklahoma	898	54.2	58.4	19,297	530	30.4	28.1	8,463
Okmulgee	91	94.1	96.8	1,961	34	33.4	32.0	625
Osage	66	57.7	57.6	1,499	33	29.5	28.2	552
Ottawa	71	88.7	89.6	1,585	38	45.1	41.0	648
Pawnee	39	93.6	96.0	805	31	73.1	70.6	657
Payne	81	43.6	49.1	1,908	68	38.3	38.9	1,303
Pittsburg	100	88.7	85.8	2,084	56	51.3	48.5	1,162
Pontotoc	74	87.1	87.4	1,780	49	54.2	50.4	901
Pottawatomie	129	78.9	82.5	2,801	64	36.5	33.0	1,177
Pushmataha	25	88.6	86.6	455	18	59.5	61.0	405
Roger Mills	11	134.2	137.1	363	5	62.0	39.3	41
Rogers	136	70.1	77.3	2,984	70	35.0	35.3	1,339
Seminole	67	112.3	113.5	1,488	28	44.2	39.8	451
Sequoyah	83	83.5	88.4	1,938	36	35.0	34.9	731
Stephens	78	74.9	75.2	1,514	35	31.8	29.7	716
Texas	32	61.5	67.5	868	20	41.1	43.0	384
Tillman	25	117.4	113.6	451	8	36.0	18.3	51
Tulsa	862	61.9	66.3	20,128	561	38.4	35.9	9,018
Wagoner	78	49.9	54.4	2,058	45	28.3	30.5	811
Washington	75	63.4	61.0	1,233	52	40.9	33.4	767
Washita	23	83.1	82.4	505	9	30.5	19.8	135
Woods	13	59.0	51.9	120	10	48.2	29.6	75
Woodward	32	67.0	66.5	746	24	51.7	46.1	450
Unknown	9	-	-	200	5	-	-	29

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 89. Diabetes Death Trends: Oklahoma 1980-2006

Year	Deaths	Population	Death Rate	Age-Adjusted Death Rate
1980	421	3,039,886	13.8	15.0
1981	492	3,096,133	15.9	16.9
1982	493	3,206,103	15.4	16.7
1983	476	3,290,412	14.5	15.7
1984	423	3,285,581	12.9	13.8
1985	439	3,271,395	13.4	14.1
1986	498	3,252,756	15.3	16.0
1987	461	3,210,172	14.4	14.9
1988	540	3,167,148	17.1	17.2
1989	481	3,150,372	15.3	15.1
1990	500	3,148,825	15.9	15.7
1991	544	3,175,440	17.1	16.9
1992	575	3,220,517	17.9	17.4
1993	622	3,252,285	19.1	18.5
1994	628	3,280,940	19.1	18.5
1995	627	3,308,208	19.0	18.3
1996	712	3,340,129	21.3	20.5
1997	921	3,372,917	27.3	26.2
1998	924	3,405,194	27.1	25.9
1999	959	3,437,147	27.9	27.1
2000	959	3,454,300	27.8	26.9
2001	1,042	3,465,778	30.1	29.1
2002	1,042	3,487,076	29.9	28.9
2003	1,088	3,504,917	31.0	30.0
2004	1,137	3,523,546	32.3	30.9
2005	1,216	3,543,442	34.3	32.0
2006	1,165	3,579,212	32.5	30.3

Table 90. Diabetes Deaths by Selected Demographics: Oklahoma, 2002-20

	Deaths	Population	Death Rate	Age-Adjusted Death Rate
Male	2,653	8,686,647	30.5	33.9
Female	2,995	8,951,628	33.5	27.6
White	4,317	14,251,116	30.3	26.1
Black	595	1,471,669	40.4	65.1
Am Indian	711	1,591,502	44.7	64.4
Asian/Pac Is	22	323,988	6.8	15.1
Hispanic ¹	108	1,123,585	9.6	33.5
Under 1	1	254,128	++	-
1-4 years	1	985,743	++	-
5-14 years	1	2,432,601	++	-
15-24 years	19	2,640,777	0.7	-
25-34 years	59	2,313,050	2.6	-
35-44 years	187	2,431,167	7.7	-
45-54 years	491	2,439,863	20.1	-
55-64 years	872	1,813,670	48.1	-
65-74 years	1,226	1,211,176	101.2	-
75-84 years	1,702	805,483	211.3	-
85+ years	1,088	310,617	350.3	-

All rates are deaths per 100,000 population.

Age-adjusted rates based on 2000 U.S. population standard.

ICD-9: 250 ICD-10: E10-E14

¹Hispanic deaths are of any race

++ Rates are not calculated for fewer than 5 events due to instability

Figure 16. Age-Adjusted Diabetes Death Rates by Select Demographic Groups, Oklahoma 2002-2006

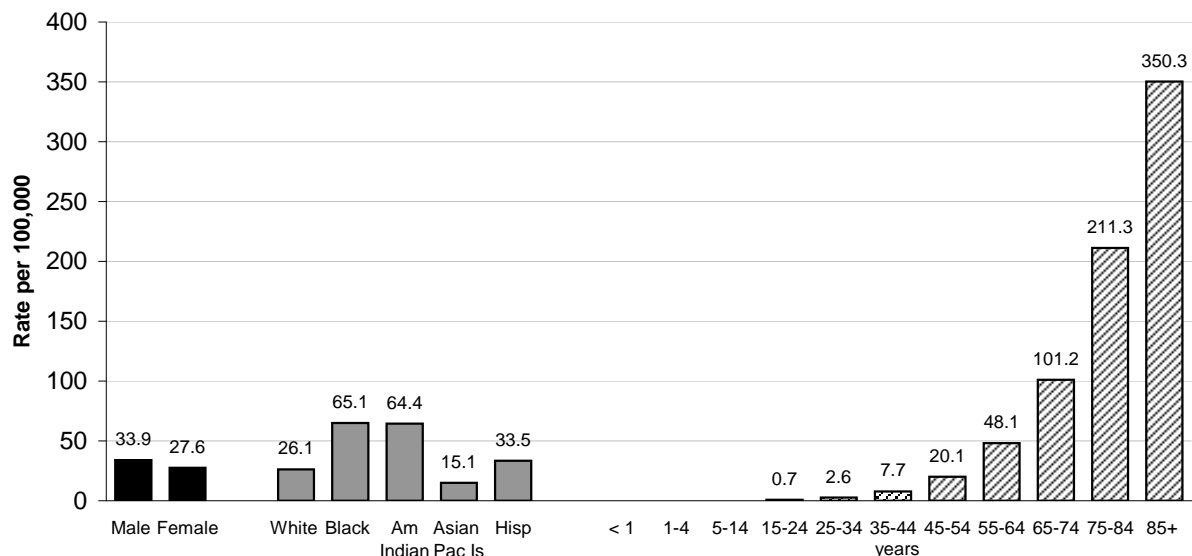


Table 91. Number of deaths, age-adjusted death rate and years of potential life lost due to Diabetes Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: E10-E14

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	5,648	17,638,275	32.0	30.2	19,343
Adair	78	108,906	71.6	75.1	178
Alfalfa	16	29,044	55.1	34.2	20
Atoka	31	71,108	43.6	40.6	41
Beaver	5	27,289	18.3	13.4	12
Beckham	47	95,703	49.1	39.7	74
Blaine	35	61,400	57.0	47.4	112
Bryan	88	187,682	46.9	40.0	275
Caddo	98	150,336	65.2	57.8	240
Canadian	93	479,131	19.4	23.5	352
Carter	99	233,919	42.3	35.0	267
Cherokee	96	220,665	43.5	45.3	425
Choctaw	29	76,673	37.8	30.8	118
Cimarron	7	14,496	48.3	36.2	22
Cleveland	206	1,107,451	18.6	24.2	759
Coal	11	29,208	37.7	30.2	60
Comanche	159	554,214	28.7	34.0	690
Cotton	14	32,533	43.0	34.5	115
Craig	25	74,560	33.5	27.3	120
Creek	128	343,775	37.2	34.0	408
Custer	61	126,240	48.3	43.3	207
Delaware	80	194,832	41.1	32.2	341
Dewey	16	22,801	70.2	41.8	21
Ellis	15	19,806	75.7	48.7	49
Garfield	125	285,591	43.8	34.4	314
Garvin	47	136,044	34.5	25.2	104
Grady	87	242,189	35.9	35.4	272
Grant	16	24,229	66.0	40.1	36
Greer	13	29,414	44.2	29.7	15
Harmon	35	15,257	229.4	126.2	42
Harper	4	16,911	++	++	16
Haskell	26	60,132	43.2	31.1	-
Hughes	36	69,667	51.7	39.6	150
Jackson	44	134,036	32.8	32.9	252
Jefferson	27	32,369	83.4	54.1	36
Johnston	36	52,021	69.2	57.8	106
Kay	114	233,682	48.8	39.0	468
Kingfisher	23	70,619	36.8	29.1	16
Kiowa	28	49,414	56.7	38.8	67
Latimer	32	52,864	60.5	50.5	104
Leflore	77	246,002	31.3	28.6	241

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 91. Number of deaths, age-adjusted death rate and years of potential life lost due to Diabetes Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: E10-E14

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	5,648	17,638,275	32.0	30.2	19,343
Lincoln	35	161,703	21.6	18.9	158
Logan	40	179,890	22.2	22.6	164
Love	18	45,201	39.8	28.6	28
McClain	37	146,773	25.2	24.4	120
McCurtain	93	169,852	54.8	49.5	277
McIntosh	32	99,107	32.3	22.2	114
Major	13	36,944	35.2	21.2	10
Marshall	27	70,117	38.5	27.2	45
Mayer	57	195,993	29.1	24.8	122
Murray	39	63,761	61.2	45.4	127
Muskogee	115	352,271	32.6	28.1	518
Noble	23	56,139	41.0	32.3	46
Nowata	12	53,808	22.3	18.2	73
Okfuskee	29	57,668	50.3	41.2	130
Oklahoma	912	3,401,364	26.8	27.0	3,414
Okmulgee	126	198,505	63.5	54.7	358
Osage	66	226,135	29.2	26.8	270
Ottawa	66	164,179	40.2	32.1	237
Pawnee	31	84,100	36.9	30.4	117
Payne	58	363,341	16.0	17.3	81
Pittsburg	39	221,883	17.6	13.8	158
Pontotoc	76	175,348	43.3	37.8	296
Pottawatomie	119	338,863	35.1	33.2	479
Pushmataha	19	58,437	32.5	23.1	29
Roger Mills	11	16,257	67.7	43.2	15
Rogers	100	394,284	25.4	27.3	329
Seminole	66	123,052	53.6	43.3	269
Sequoyah	72	202,204	35.6	32.9	323
Stephens	86	213,976	40.2	29.3	175
Texas	21	100,652	20.9	25.5	40
Tillman	47	43,521	108.0	75.2	137
Tulsa	718	2,855,685	25.1	25.5	2,764
Wagoner	80	315,371	25.4	32.7	312
Washington	83	245,500	33.8	24.4	184
Washita	25	57,155	43.7	26.5	17
Woods	11	42,788	25.7	16.3	20
Woodward	36	94,215	38.2	34.6	242

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 92. Number of deaths, age-adjusted death rate and years of potential life lost due to Diabetes by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: E10-E14

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	2,653	30.5	33.9	10,750	2,995	33.5	27.6	8,593
Adair	38	70.5	85.8	75	40	72.7	69.1	103
Alfalfa	10	59.8	48.2	20	6	49	19.0	-
Atoka	12	31.2	37.3	11	19	58.3	44.4	30
Beaver	1	++	++	-	4	++	++	12
Beckham	16	33.3	33.9	38	31	65.0	42.6	36
Blaine	17	49.3	53.5	60	18	66.9	44.5	52
Bryan	38	41.3	42.0	169	50	52.3	38.4	106
Caddo	49	65.6	67.6	136	49	64.8	49.9	104
Canadian	46	19.3	27.9	224	47	19.5	20.0	224
Carter	52	46.1	45.8	234	47	38.8	27.1	33
Cherokee	45	41.5	45.9	216	51	45.4	44.6	209
Choctaw	11	30.2	27.4	80	18	44.7	33.6	38
Cimarron	7	97.8	73.1	22	-	-	-	-
Cleveland	115	20.6	30.8	497	91	16.5	19.5	262
Coal	1	++	++	-	10	67.3	50.8	60
Comanche	82	29.3	42.1	387	77	28.1	29.0	303
Cotton	6	37.1	35.5	53	8	48.8	34.3	62
Craig	10	26.7	26.0	38	15	40.4	28.6	82
Creek	63	37.4	39.8	243	65	37.1	30.2	165
Custer	27	44.0	47.0	145	34	52.4	40.3	62
Delaware	47	49.0	41.8	212	33	33.4	25.0	129
Dewey	10	89.2	65.2	21	6	51.8	23.5	-
Ellis	5	51.0	42.6	37	10	100.0	48.5	12
Garfield	52	37.7	35.8	132	73	49.5	34.1	182
Garvin	22	33.5	30.1	87	25	35.5	21.4	17
Grady	41	34.5	39.8	128	46	37.3	33.9	144
Grant	11	92.7	69.6	36	5	40.4	16.2	-
Greer	6	36	32.0	4	7	55.2	25.9	11
Harmon	14	189.1	144.0	22	21	267.3	123.7	20
Harper	1	++	++	16	3	++	++	-
Haskell	8	27.0	24.6	-	18	58.9	36.7	-
Hughes	16	44.4	41.3	97	20	59.5	36.8	53
Jackson	23	34.8	41.3	164	21	30.9	27.9	88
Jefferson	7	44.4	34.4	11	20	120.5	71.1	25
Johnston	15	58.8	55.8	38	21	79.2	61.8	68
Kay	56	49.3	44.8	240	58	48.3	35.1	228
Kingfisher	12	34.6	35.9	8	14	39.0	27.8	8
Kiowa	9	36.9	30.4	6	19	75.9	47.2	61
Latimer	15	57.4	51.5	58	17	63.6	50.4	46
Leflore	38	30.9	31.2	149	39	31.7	25.0	92

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 92. Number of deaths, age-adjusted death rate and years of potential life lost due to Diabetes by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: E10-E14

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	2,653	30.5	33.9	10,750	2,995	33.5	27.6	8,593
Lincoln	21	26.3	25.7	98	14	17.1	13.5	60
Logan	19	21.3	23.7	128	21	23.1	21.4	36
Love	8	35.5	29.9	13	10	44.1	25.6	15
McClain	18	24.7	23.9	86	19	25.7	23.0	34
McCurtain	46	56.2	58.5	165	47	53.4	42.1	112
McIntosh	18	38.0	27.6	72	14	27.1	17.1	42
Major	6	33	25.0	10	7	37.0	18.0	-
Marshall	13	37.6	30.1	13	14	39.4	25.6	32
Mayer	25	25.7	25.6	27	32	32.5	25.0	95
Murray	20	63.4	52.8	80	19	59.0	37.6	47
Muskogee	56	32.8	32.7	318	59	32.5	24.0	200
Noble	9	32.2	30.6	1	14	49.7	34.0	45
Nowata	7	26.4	23.5	27	5	18.3	14.5	46
Okfuskee	14	46.9	45.3	82	15	53.9	40.3	48
Oklahoma	417	25.2	30.6	1,750	495	28.4	24.9	1,664
Okmulgee	57	59.0	59.9	227	69	67.8	50.2	131
Osage	36	31.5	32.7	193	30	26.9	20.8	77
Ottawa	27	33.7	30.7	70	39	46.3	33.2	167
Pawnee	11	26.4	26.4	65	20	47.1	34.4	52
Payne	25	13.4	18.2	53	33	18.6	16.8	28
Pittsburg	18	16.0	14.0	126	21	19.2	12.5	32
Pontotoc	36	42.4	44.3	122	40	44.3	35.2	174
Pottawatomie	52	31.8	34.6	227	67	38.2	32.4	252
Pushmataha	10	35.5	29.5	20	9	29.8	17.4	9
Roger Mills	6	73.2	55.9	8	5	62.0	36.1	7
Rogers	43	22.2	28.0	151	57	28.5	27.4	178
Seminole	23	38.6	36.7	139	43	67.8	48.2	130
Sequoyah	37	37.2	36.1	196	35	34.1	29.2	127
Stephens	34	32.7	29.2	70	52	47.3	30.3	105
Texas	9	17.3	26.1	1	12	24.7	26.5	39
Tillman	25	117.4	97.9	69	22	98.9	59.5	68
Tulsa	334	24.0	28.9	1,602	384	26.3	23.0	1,162
Wagoner	45	28.8	39.6	205	35	22.0	26.3	107
Washington	42	35.5	28.7	103	41	32.2	20.6	81
Washita	9	32.5	26.1	-	16	54.3	26.7	17
Woods	3	++	++	13	8	38.6	17.5	7
Woodward	20	41.9	41.9	106	16	34.4	29.9	136

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 93. Influenza and Pneumonia Death Trends: Oklahoma 1980-2006

Year	Deaths	Population	Death Rate	Age-Adjusted Death Rate
1980	768	3,039,886	25.3	29.4
1981	859	3,096,133	27.7	32.4
1982	787	3,206,103	24.5	28.4
1983	876	3,290,412	26.6	31.3
1984	925	3,285,581	28.2	32.4
1985	1,038	3,271,395	31.7	35.5
1986	1,073	3,252,756	33.0	36.2
1987	1,099	3,210,172	34.2	36.6
1988	1,163	3,167,148	36.7	38.2
1989	1,226	3,150,372	38.9	39.4
1990	1,267	3,148,825	40.2	40.1
1991	1,173	3,175,440	36.9	36.2
1992	1,250	3,220,517	38.8	37.6
1993	1,345	3,252,285	41.4	39.7
1994	1,392	3,280,940	42.4	40.6
1995	1,337	3,308,208	40.4	38.2
1996	1,349	3,340,129	40.4	38.1
1997	1,291	3,372,917	38.3	36.0
1998	1,344	3,405,194	39.5	37.2
1999*	1,011	3,437,147	29.4	28.2
2000*	880	3,454,300	25.5	24.4
2001*	909	3,465,778	26.2	25.5
2002*	910	3,487,076	26.1	25.6
2003*	946	3,504,917	27.0	26.3
2004*	809	3,523,546	23.0	22.5
2005	953	3,543,442	26.9	24.6
2006	879	3,579,212	24.6	22.6

Table 94. Flu and Pneu Deaths by Selected Demographics: OK, 2002-20

	Deaths	Population	Death Rate	Age-Adjusted Death Rate
Male	1,960	8,686,647	22.6	27.7
Female	2,537	8,951,628	28.3	21.4
White	4,117	14,251,116	28.9	24.3
Black	176	1,471,669	12.0	19.4
Am Indian	194	1,591,502	12.2	18.7
Asian/Pac Is	8	323,988	2.5	5.7
Hispanic ¹	47	1,123,585	4.2	13.4
Under 1	28	254,128	11.0	-
1-4 years	10	985,743	1.0	-
5-14 years	10	2,432,601	0.4	-
15-24 years	22	2,640,777	0.8	-
25-34 years	31	2,313,050	1.3	-
35-44 years	94	2,431,167	3.9	-
45-54 years	162	2,439,863	6.6	-
55-64 years	261	1,813,670	14.4	-
65-74 years	493	1,211,176	40.7	-
75-84 years	1,356	805,483	168.3	-
85+ years	2,030	310,617	653.5	-

All rates are deaths per 100,000 population.
 Age-adjusted rates based on 2000 U.S. population standard.
 ICD-9: 480-487 ICD-10: J10-J18
¹Hispanic deaths are of any race
 ++ Rates are not calculated for fewer than 5 events due to instability

*Note: Trends through 1998 are not comparable to trends from 1999 on due to major changes in the ICD coding. Influenza was not affected significantly but Pneumonia is less likely to be listed the underlying cause under ICD10 guidelines.

Figure 17. Age-Adjusted Influenza and Pneumonia Death Rates by Select Demographic Groups, Oklahoma 2002-2006

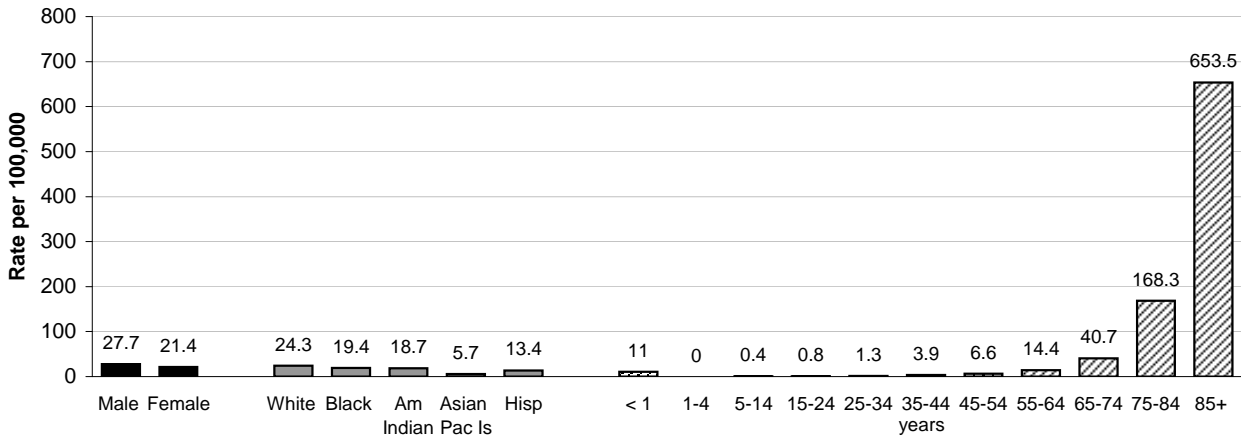


Table 95. Number of deaths, age-adjusted death rate and years of potential life lost due to Influenza and Pneumonia: Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: J10-J18

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	4,497	17,638,275	25.5	23.7	11,046
Adair	21	108,906	19.3	21.4	94
Alfalfa	29	29,044	99.8	49.5	-
Atoka	16	71,108	22.5	19.3	6
Beaver	11	27,289	40.3	24.8	8
Beckham	42	95,703	43.9	32.5	120
Blaine	26	61,400	42.3	29.9	17
Bryan	51	187,682	27.2	21.8	104
Caddo	58	150,336	38.6	32.9	197
Canadian	88	479,131	18.4	22.8	486
Carter	101	233,919	43.2	33.3	113
Cherokee	53	220,665	24.0	26.4	140
Choctaw	39	76,673	50.9	35.8	77
Cimarron	6	14,496	41.4	25.0	13
Cleveland	165	1,107,451	14.9	22.3	483
Coal	9	29,208	30.8	20.6	-
Comanche	128	554,214	23.1	28.1	390
Cotton	8	32,553	24.6	16.0	11
Craig	28	74,560	37.6	28.4	76
Creek	67	343,775	19.5	18.5	258
Custer	59	126,240	46.7	38.8	150
Delaware	42	194,832	21.6	16.6	45
Dewey	15	22,801	65.8	28.6	-
Ellis	10	19,806	50.5	25.3	1
Garfield	103	285,591	36.1	25.6	169
Garvin	43	136,044	31.6	21.2	59
Grady	46	242,189	19.0	18.6	78
Grant	7	24,229	28.9	15.2	-
Greer	18	29,414	61.2	32.0	-
Harmon	14	15,257	91.8	44.3	13
Harper	5	16,911	29.6	14.1	-
Haskell	32	60,132	53.2	37.7	26
Hughes	21	69,667	30.1	19.5	9
Jackson	46	134,036	34.3	33.3	73
Jefferson	13	32,369	40.2	21.8	-
Johnston	21	52,021	40.4	31.2	3
Kay	85	233,682	36.4	25.4	215
Kingfisher	30	70,619	42.5	32.8	84
Kiowa	22	49,414	44.5	23.2	-
Latimer	18	52,864	34.0	27.5	22
Leflore	98	246,002	39.8	35.9	113

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 95. Number of deaths, age-adjusted death rate and years of potential life lost due to Influenza and Pneumonia: Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: J10-J18

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	4,497	17,638,275	25.5	23.7	11,046
Lincoln	47	161,703	29.1	27.0	21
Logan	35	179,890	19.5	20.5	81
Love	24	45,201	53.1	40.6	-
McClain	39	146,773	26.6	28.3	105
McCurtain	38	169,852	22.4	20.3	35
McIntosh	36	99,107	36.3	23.9	137
Major	7	36,944	18.9	10.6	-
Marshall	30	70,117	42.8	29.3	9
Mayes	49	195,993	25.0	22.0	161
Murray	35	63,761	54.9	39.4	60
Muskogee	92	352,271	26.1	20.1	188
Noble	30	56,139	53.4	41.4	91
Nowata	18	53,808	33.5	23.1	-
Okfuskee	15	57,668	26.0	18.8	4
Oklahoma	678	3,401,364	19.9	19.9	2,462
Okmulgee	54	198,505	27.2	22.5	124
Osage	36	226,135	15.9	15.4	81
Ottawa	57	164,179	34.7	26.5	60
Pawnee	16	84,100	19.0	16.9	96
Payne	72	363,341	19.8	21.1	290
Pittsburg	74	221,883	33.4	23.8	131
Pontotoc	104	175,348	59.3	49.0	286
Pottawatomie	121	338,863	35.7	32.7	303
Pushmataha	21	58,437	35.9	24.0	-
Roger Mills	7	16,257	43.1	25.8	-
Rogers	67	394,284	17.0	19.7	112
Seminole	42	123,052	34.1	27.0	213
Sequoyah	49	202,204	24.2	23.7	64
Stephens	52	213,976	24.3	17.2	104
Texas	21	100,652	20.9	26.1	93
Tillman	11	43,521	25.3	14.4	22
Tulsa	612	2,855,685	21.4	21.8	1,616
Wagoner	52	315,371	16.5	23.0	36
Washington	81	245,500	33.0	22.7	138
Washita	17	57,155	29.7	18.1	65
Woods	37	42,788	86.5	46.4	52
Woodward	27	94,215	28.7	24.3	153

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

Table 96. Number of deaths, age-adjusted death rate and years of potential life lost due to Influenza and Pneumonia by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: J10-J18

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	1,960	22.6	27.7	5,843	2,537	28.3	21.4	5,203
Adair	9	16.7	23.9	46	12	21.8	19.9	48
Alfalfa	9	53.8	41.1	-	20	162.3	55.4	-
Atoka	7	18.2	24.1	-	9	27.6	16.9	6
Beaver	5	36.3	29.4	-	6	44.5	23.6	8
Beckham	21	43.7	41.6	49	21	44.0	27.2	71
Blaine	11	31.9	32.9	3	15	55.8	28.9	14
Bryan	26	28.3	29.1	23	25	26.1	18.3	81
Caddo	32	42.8	48.2	154	26	34.4	23.9	43
Canadian	34	14.3	20.6	357	54	22.4	23.5	129
Carter	47	41.6	41.9	96	54	44.6	27.3	17
Cherokee	20	18.4	24.7	133	33	29.4	25.6	7
Choctaw	16	43.9	38.8	29	23	57.1	34.2	48
Cimarron	3	++	++	13	3	++	++	-
Cleveland	85	15.3	29.8	243	80	14.5	17.9	240
Coal	4	++	++	-	5	33.7	17.0	-
Comanche	49	17.5	30.1	124	79	28.8	27.4	266
Cotton	1	++	++	-	7	42.7	23.5	11
Craig	10	26.7	29.1	23	18	48.5	28.8	53
Creek	28	16.6	19.3	224	39	22.2	17.1	34
Custer	23	37.5	39.1	100	36	55.5	37.9	50
Delaware	16	16.7	13.7	8	26	26.3	17.6	37
Dewey	5	44.6	29.5	-	10	86.3	30.5	-
Ellis	4	++	++	1	6	60.0	22.2	-
Garfield	40	29.0	28.3	88	63	42.7	23.2	81
Garvin	17	25.9	22.7	3	26	36.9	21.3	56
Grady	16	13.5	17.4	29	30	24.3	19.0	49
Grant	1	++	++	-	6	48.5	20.2	-
Greer	5	29.9	24.9	-	13	102.6	33.1	-
Harmon	3	++	++	6	11	140.0	47.9	7
Harper	2	++	++	-	3	++	++	-
Haskell	17	57.5	53.7	-	15	49.1	28.1	26
Hughes	11	30.5	29.4	-	10	29.7	13.2	9
Jackson	18	27.2	36.3	20	28	41.2	32.6	53
Jefferson	4	++	++	-	9	54.2	22.9	3
Johnston	9	35.3	37.4	3	12	45.3	27.3	-
Kay	44	38.8	36.2	205	41	34.1	18.4	10
Kingfisher	13	37.4	39.0	14	17	47.4	30.9	70
Kiowa	11	45.1	37.8	-	11	43.9	17.5	-
Latimer	11	42.1	35.6	9	7	26.2	20.0	13
Leflore	40	32.5	38.5	45	58	47.2	33.4	68

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

-Denote no events in that category

Table 96. Number of deaths, age-adjusted death rate and years of potential life lost due to Influenza and Pneumonia by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: J10-J18

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	1,960	22.6	27.7	5,843	2,537	28.3	21.4	5,203
Lincoln	16	20.0	24.6	-	31	37.9	28.6	21
Logan	16	18.0	24.4	47	19	20.9	18.7	34
Love	8	35.5	33.9	-	16	70.6	45.3	-
McClain	20	27.4	36.9	32	19	25.7	22.6	73
McCurtain	15	18.3	21.8	21	23	26.1	19.0	14
McIntosh	16	33.8	26.9	113	20	38.7	21.7	24
Major	2	++	++	-	5	26.4	10.6	-
Marshall	17	49.2	43.6	-	13	36.6	20.3	9
Mayer	24	24.6	26.8	137	25	25.4	18.4	24
Murray	16	50.7	41.3	23	19	59.0	36.3	37
Muskogee	33	19.3	19.7	106	59	32.5	20.2	82
Noble	9	32.2	33.5	-	21	74.5	48.6	91
Nowata	11	41.5	37.0	-	7	25.7	12.0	-
Okfuskee	9	30.2	33.0	2	6	21.6	12.0	2
Oklahoma	308	18.6	24.1	1,295	370	21.2	17.4	1,167
Okmulgee	20	20.7	21.8	63	34	33.4	23.0	61
Osage	17	14.9	20.5	65	19	17.0	13.3	16
Ottawa	29	36.2	36.9	-	28	33.3	22.2	60
Pawnee	10	24.0	26.5	56	6	14.1	10.5	40
Payne	34	18.3	25.1	169	38	21.4	17.7	121
Pittsburg	27	23.9	25.2	79	47	43.1	24.2	52
Pontotoc	37	43.5	50.9	67	67	74.1	50.6	219
Pottawatomie	61	37.3	44.0	165	60	34.2	26.0	138
Pushmataha	9	31.9	27.5	-	12	39.7	21.9	-
Roger Mills	5	61.0	47.9	-	2	++	++	-
Rogers	24	12.4	18.0	23	43	21.5	20.9	89
Seminole	19	31.9	30.3	102	23	36.3	24.2	111
Sequoyah	19	19.1	22.4	53	30	29.2	23.2	11
Stephens	21	20.2	19.3	94	31	28.2	15.9	10
Texas	9	17.3	28.0	-	12	24.7	25.6	93
Tillman	6	28.2	22.1	7	5	22.5	10.6	15
Tulsa	262	18.8	26.6	807	350	23.9	19.6	809
Wagoner	22	14.1	22.6	25	30	18.9	22.9	11
Washington	44	37.2	32.9	39	37	29.1	17.1	99
Washita	8	28.9	24.3	65	9	30.5	14.4	-
Woods	20	90.7	77.7	52	17	82.0	25.2	-
Woodward	10	20.9	23.0	88	17	36.6	25.4	65

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable.

-Denote no events in that category

Table 97. Homicide Death Trends: Oklahoma 1980-2006

<i>Year</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>
1980	339	3,039,886	11.2	11.1
1981	324	3,096,133	10.5	10.3
1982	356	3,206,103	11.1	10.7
1983	294	3,290,412	8.9	8.6
1984	282	3,285,581	8.6	8.3
1985	278	3,271,395	8.5	8.4
1986	301	3,252,756	9.3	9.2
1987	281	3,210,172	8.8	8.5
1988	271	3,167,148	8.6	8.4
1989	251	3,150,372	8.0	7.8
1990	292	3,148,825	9.3	9.1
1991	271	3,175,440	8.5	8.4
1992	255	3,220,517	7.9	7.9
1993	317	3,252,285	9.7	9.7
1994	281	3,280,940	8.6	8.6
1995	434	3,308,208	13.1	13.2
1996	264	3,340,129	7.9	7.9
1997	279	3,372,917	8.3	8.2
1998	227	3,405,194	6.7	6.7
1999	224	3,437,147	6.5	6.5
2000	193	3,454,300	5.6	5.6
2001	208	3,465,778	6.0	6.0
2002	181	3,487,076	5.2	5.2
2003	222	3,504,917	6.3	6.3
2004	219	3,523,546	6.2	6.2
2005	216	3,543,442	6.1	6.1
2006	224	3,579,212	6.3	6.3

Table 98. Homicide Deaths by Selected Demographics: Oklahoma, 2002-

	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>
Male	792	8,686,647	9.1	9.0
Female	270	8,951,628	3.0	3.1
White	648	14,251,116	4.5	4.6
Black	290	1,471,669	19.7	18.9
Am Indian	111	1,591,502	7.0	7.1
Asian/Pac Is	11	323,988	3.4	4.4
Hispanic ¹	105	1,123,585	9.3	8.3
Under 1	22	254,128	8.7	-
1-4 years	31	985,743	3.1	-
5-14 years	31	2,432,601	1.3	-
15-24 years	267	2,640,777	10.1	-
25-34 years	248	2,313,050	10.7	-
35-44 years	189	2,431,167	7.8	-
45-54 years	147	2,439,863	6.0	-
55-64 years	69	1,813,670	3.8	-
65-74 years	33	1,211,176	2.7	-
75-84 years	18	805,483	2.2	-
85+ years	6	310,617	1.9	-

All rates are deaths per 100,000 population.

Age-adjusted rates based on 2000 U.S. population standard.

ICD-9: E960-E978 ICD-10: X85-Y09, Y87.1

¹Hispanic deaths are of any race

Figure 18. Age-Adjusted Homicide Death Rates by Select Demographic Groups, Oklahoma 2002-2006

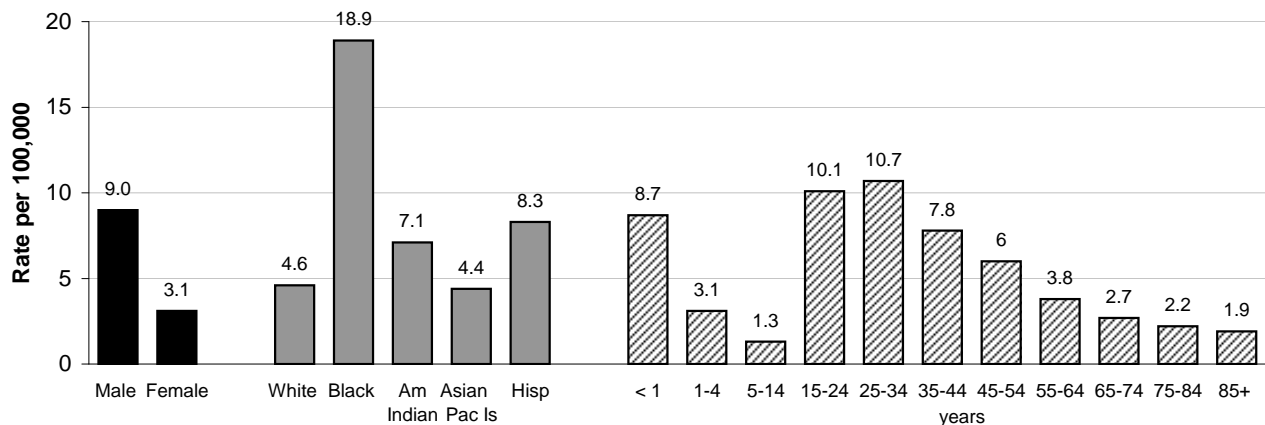


Table 99. Number of deaths, age-adjusted death rate and years of potential life lost due to Homicide Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: X85-Y09, Y87.1

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	1,062	17,638,275	6.0	6.1	33,356
Adair	9	108,906	8.3	8.4	320
Alfalfa	-	29,044	-	-	-
Atoka	1	71,108	++	++	17
Beaver	-	27,289	-	-	-
Beckham	5	95,703	5.2	4.6	119
Blaine	1	61,400	++	++	40
Bryan	13	187,682	6.9	7.2	330
Caddo	13	150,336	8.6	9.0	533
Canadian	15	479,131	3.1	3.1	518
Carter	13	233,919	5.6	5.8	360
Cherokee	10	220,665	4.5	5.0	243
Choctaw	10	76,673	13.0	14.0	377
Cimarron	-	14,496	-	-	-
Cleveland	16	1,107,451	1.4	1.5	422
Coal	3	29,208	++	++	90
Comanche	36	554,214	6.5	6.4	1,204
Cotton	2	32,533	++	++	30
Craig	1	74,560	++	++	42
Creek	20	343,775	5.8	6.1	577
Custer	4	126,240	++	++	145
Delaware	13	194,832	6.7	7.0	340
Dewey	2	22,801	++	++	50
Ellis	-	19,806	-	-	-
Garfield	6	285,591	2.1	2.3	283
Garvin	9	136,044	6.6	7.3	333
Grady	9	242,189	3.7	3.6	233
Grant	1	24,229	++	++	-
Greer	3	29,414	++	++	141
Harmon	1	15,257	++	++	51
Harper	-	16,911	-	-	-
Haskell	4	60,132	++	++	85
Hughes	4	69,667	7.2	7.6	84
Jackson	8	134,036	6.0	6.4	249
Jefferson	1	32,369	++	++	15
Johnston	2	52,021	++	++	74
Kay	6	233,682	2.6	2.8	214
Kingfisher	2	70,619	++	++	42
Kiowa	2	49,414	++	++	18
Latimer	3	52,864	++	++	100
Leflore	14	246,002	5.7	6.0	300

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable
 -Denote no events in that category

Table 99. Number of deaths, age-adjusted death rate and years of potential life lost due to Homicide Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: X85-Y09, Y87.1

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	1,062	17,638,275	6.0	6.1	33,356
Lincoln	11	161,703	6.8	6.5	284
Logan	5	179,890	2.8	2.8	63
Love	1	45,201	++	++	35
McClain	5	146,773	3.4	3.3	112
McCurtain	18	169,852	10.6	10.9	421
McIntosh	5	99,107	5.0	5.0	78
Major	-	36,944	-	-	-
Marshall	1	70,117	++	++	9
Mayer	13	195,993	6.6	7.4	343
Murray	2	63,761	++	++	84
Muskogee	21	352,271	6.0	6.3	669
Noble	-	56,139	-	-	-
Nowata	2	53,808	++	++	35
Okfuskee	5	57,668	8.7	9.3	156
Oklahoma	279	3,401,364	8.2	8.1	9,155
Okmulgee	14	198,505	7.1	7.8	488
Osage	12	226,135	5.3	5.4	299
Ottawa	5	164,179	3.7	3.9	213
Pawnee	2	84,100	++	++	65
Payne	7	363,341	1.9	2.0	201
Pittsburg	12	221,883	5.4	5.8	412
Pontotoc	18	175,348	10.3	10.0	475
Pottawatomie	9	338,863	2.7	2.6	278
Pushmataha	5	58,437	8.6	8.6	161
Roger Mills	-	16,257	-	-	-
Rogers	12	394,284	3.0	3.1	358
Seminole	13	123,052	10.6	10.8	378
Sequoyah	11	202,204	5.4	5.6	331
Stephens	7	213,976	3.3	3.7	285
Texas	3	100,652	++	++	50
Tillman	1	43,521	++	++	63
Tulsa	264	2,855,685	9.2	9.3	8,774
Wagoner	19	315,371	6.0	6.0	530
Washington	5	245,500	2.0	2.3	208
Washita	2	57,155	++	++	61
Woods	1	42,788	++	++	46
Woodward	4	94,215	++	++	101
Unknown	5	-	-	-	156

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable
 -Denote no events in that category

Table 100. Number of deaths, age-adjusted death rate and years of potential life lost due to Homicide by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: X85-Y09, Y87.1

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	792	9.1	9.0	24,726	270	3.0	3.1	8,630
Adair	9	16.7	16.5	320	-	-	-	-
Alfalfa	-	-	-	-	-	-	-	-
Atoka	1	++	++	17	-	-	-	-
Beaver	-	-	-	-	-	-	-	-
Beckham	3	++	++	57	2	++	++	62
Blaine	1	++	++	40	-	-	-	-
Bryan	11	12.0	12.1	262	2	++	++	68
Caddo	11	14.7	15.0	419	2	++	++	114
Canadian	9	3.8	3.5	268	6	2.5	2.7	250
Carter	9	8.0	8.2	253	4	++	++	107
Cherokee	5	4.6	5.0	82	5	4.5	5.1	161
Choctaw	9	24.7	26.1	312	1	++	++	65
Cimarron	-	-	-	-	-	-	-	-
Cleveland	12	2.2	2.1	361	4	++	++	61
Coal	2	++	++	75	1	++	++	15
Comanche	28	10.0	9.8	903	8	2.9	3.0	301
Cotton	2	++	++	30	-	-	-	-
Craig	-	-	-	-	1	++	++	42
Creek	12	7.1	7.2	333	8	4.6	5.1	244
Custer	2	++	++	51	2	++	++	94
Delaware	10	10.4	11.3	305	3	++	++	35
Dewey	1	++	++	31	1	++	++	19
Ellis	-	-	-	-	-	-	-	-
Garfield	3	++	++	175	3	++	++	108
Garvin	6	9.1	10.4	237	3	++	++	96
Grady	8	6.7	6.6	186	1	++	++	47
Grant	1	++	++	-	-	-	-	-
Greer	1	++	++	36	2	++	++	105
Harmon	-	-	-	-	1	++	++	51
Harper	-	-	-	-	-	-	-	-
Haskell	3	++	++	67	1	++	++	18
Hughes	2	++	++	27	2	++	++	57
Jackson	8	12.1	12.7	249	-	-	-	-
Jefferson	1	++	++	15	-	-	-	-
Johnston	1	++	++	48	1	++	++	26
Kay	5	4.4	4.8	149	1	++	++	65
Kingfisher	-	-	-	-	2	++	++	42
Kiowa	2	++	++	18	-	-	-	-
Latimer	1	++	++	16	2	++	++	84
Leflore	10	8.1	8.7	244	4	++	++	56

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable
 -Denote no events in that category

Table 100. Number of deaths, age-adjusted death rate and years of potential life lost due to Homicide by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: X85-Y09, Y87.1

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	792	9.1	9.0	24,726	270	3.0	3.1	8,630
Lincoln	5	6.3	5.7	69	6	7.3	7.4	215
Logan	3	++	++	63	2	++	++	-
Love	1	++	++	35	-	-	-	-
McClain	4	++	++	57	1	++	++	55
McCurtain	14	17.1	17.7	297	4	++	++	124
McIntosh	4	++	++	76	1	++	++	2
Major	-	-	-	-	-	-	-	-
Marshall	1	++	++	9	-	-	-	-
Mayer	10	10.3	11.2	272	3	++	++	71
Murray	1	++	++	38	1	++	++	46
Muskogee	17	10.0	10.4	578	4	++	++	91
Noble	-	-	-	-	-	-	-	-
Nowata	2	++	++	35	-	-	-	-
Okfuskee	4	++	++	112	1	++	++	44
Oklahoma	216	13.0	12.7	7,102	63	3.6	3.7	2,053
Okmulgee	12	12.4	13.4	407	2	++	++	81
Osage	10	8.7	8.4	234	2	++	++	65
Ottawa	4	++	++	138	2	++	++	75
Pawnee	1	++	++	9	1	++	++	56
Payne	6	3.2	3.6	159	1	++	++	42
Pittsburg	8	7.1	7.1	264	4	++	++	148
Pontotoc	12	14.1	13.8	279	6	6.6	6.6	196
Pottawatomie	7	4.3	4.8	258	2	++	++	20
Pushmataha	4	++	++	119	1	++	++	42
Roger Mills	-	-	-	-	-	-	-	-
Rogers	7	3.6	4.1	147	5	2.5	2.6	211
Seminole	7	11.7	12.5	181	6	9.5	9.1	197
Sequoyah	7	7.0	7.4	196	4	++	++	135
Stephens	3	++	++	118	4	++	++	167
Texas	3	++	++	50	-	-	-	-
Tillman	-	-	-	-	1	++	++	63
Tulsa	205	14.7	14.4	7,097	59	4.0	4.1	1,677
Wagoner	12	7.7	7.8	316	7	4.4	4.3	214
Washington	5	4.2	4.5	208	-	-	-	-
Washita	2	++	++	61	-	-	-	-
Woods	1	++	++	46	-	-	-	-
Woodward	2	++	++	12	2	++	++	89
Unknown	3	-	-	98	2	-	-	58

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable

-Denote no events in that category

Table 101. Suicide Death Trends: Oklahoma 1980-2006

Year	Deaths	Population	Death Rate	Age-Adjusted Death Rate
1980	411	3,039,886	13.5	13.9
1981	474	3,096,133	15.3	15.7
1982	466	3,206,103	14.5	14.6
1983	449	3,290,412	13.6	13.9
1984	444	3,285,581	13.5	13.9
1985	488	3,271,395	14.9	15.2
1986	494	3,252,756	15.2	15.7
1987	481	3,210,172	15.0	15.4
1988	436	3,167,148	13.8	13.9
1989	436	3,150,372	13.8	13.9
1990	419	3,148,825	13.3	13.2
1991	449	3,175,440	14.1	14.1
1992	492	3,220,517	15.3	15.3
1993	509	3,252,285	15.7	15.7
1994	458	3,280,940	14.0	13.9
1995	478	3,308,208	14.4	14.5
1996	463	3,340,129	13.9	14.0
1997	485	3,372,917	14.4	14.5
1998	463	3,405,194	13.6	13.7
1999	454	3,737,147	13.2	13.3
2000	466	3,454,300	13.5	13.6
2001	506	3,465,778	14.6	14.6
2002	491	3,487,076	14.1	14.1
2003	476	3,504,917	13.6	13.6
2004	502	3,523,546	14.2	14.2
2005	509	3,543,442	14.4	14.4
2006	532	3,579,212	14.9	14.9

Table 102. Suicide Deaths by Selected Demographics: OK, 2002-2006

	Deaths	Population	Death Rate	Age-Adjusted Death Rate
Male	1,993	8,686,647	22.9	23.4
Female	517	8,951,628	5.8	5.8
White	2,192	14,251,116	15.4	15.1
Black	108	1,471,669	7.3	7.6
Am Indian	189	1,591,502	11.9	12.4
Asian/Pac Is	18	323,988	5.6	5.2
Hispanic ¹	80	1,123,585	7.1	7.7
Under 1	-	254,128	-	-
1-4 years	-	985,743	-	-
5-14 years	31	2,432,601	1.3	-
15-24 years	350	2,640,777	13.3	-
25-34 years	421	2,313,050	18.2	-
35-44 years	525	2,431,167	21.6	-
45-54 years	495	2,439,863	20.3	-
55-64 years	300	1,813,670	16.5	-
65-74 years	184	1,211,176	15.2	-
75-84 years	164	805,483	20.4	-
85+ years	40	310,617	12.9	-

All rates are deaths per 100,000 population.

Age-adjusted rates based on 2000 U.S. population standard.

ICD-9: E950-E959 ICD-10: X60-X84,Y87.0

¹Hispanic deaths are of any race

Figure 19. Age-Adjusted Suicide Death Rates by Select Demographic Groups, Oklahoma 2002-2006

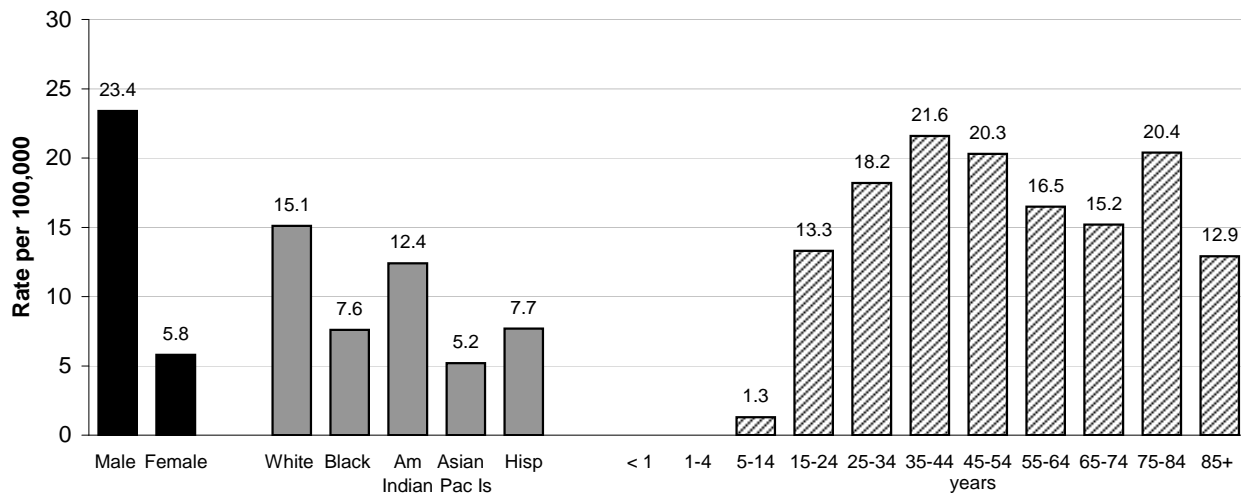


Table 103. Number of deaths, age-adjusted death rate and years of potential life lost due to Suicide Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: X85-Y09, Y87.1

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	2,510	17,638,275	14.2	14.3	55,009
Adair	14	108,906	12.9	13.7	412
Alfalfa	2	29,044	++	++	82
Atoka	12	71,108	16.9	16.3	291
Beaver	5	27,289	18.3	24.0	176
Beckham	19	95,703	19.9	19.5	378
Blaine	8	61,400	13.0	12.6	225
Bryan	36	187,682	19.2	19.5	802
Caddo	25	150,336	16.6	16.4	514
Canadian	55	479,131	11.5	11.6	1,249
Carter	38	233,919	16.2	16.4	840
Cherokee	37	220,665	16.8	17.4	813
Choctaw	13	76,673	17.0	18.1	355
Cimarron	4	14,496	++	++	78
Cleveland	123	1,107,451	11.1	11.1	2,836
Coal	2	29,208	++	++	37
Comanche	71	554,214	12.8	13.3	1,773
Cotton	6	32,553	18.4	18.9	145
Craig	10	74,560	13.4	14.1	249
Creek	72	343,775	20.9	21.3	1,754
Custer	14	126,240	11.1	12.0	276
Delaware	27	194,832	13.9	13.2	458
Dewey	4	22,801	++	++	25
Ellis	2	19,806	++	++	8
Garfield	32	285,591	11.2	11.1	527
Garvin	33	136,044	24.3	24.8	689
Grady	26	242,189	10.7	10.4	480
Grant	4	24,229	++	++	15
Greer	5	29,414	17.0	16.2	76
Harmon	-	15,257	-	-	-
Harper	-	16,911	-	-	-
Haskell	4	60,132	++	++	98
Hughes	8	69,667	11.5	10.9	221
Jackson	9	134,036	6.7	7.3	238
Jefferson	4	32,369	++	++	49
Johnston	7	52,021	13.5	13.2	152
Kay	34	233,682	14.5	15.1	708
Kingfisher	8	70,619	11.3	11.5	161
Kiowa	5	49,414	10.1	11.5	119
Latimer	19	52,864	35.9	39.7	491
Leflore	35	246,002	14.2	13.7	505

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable
 -Denote no events in that category

Table 103. Number of deaths, age-adjusted death rate and years of potential life lost due to Suicide Oklahoma and each County, 2002-2006

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)

ICD-10: X85-Y09, Y87.1

<i>County</i>	<i>Deaths</i>	<i>Population</i>	<i>Death Rate</i>	<i>Age-Adjusted Death Rate</i>	<i>YPLL Before the Age of 65</i>
State	2,510	17,638,275	14.2	14.3	55,009
Lincoln	35	161,703	21.6	21.7	801
Logan	15	179,890	8.3	7.7	296
Love	6	45,201	13.3	13.5	132
McClain	10	146,773	6.8	6.5	193
McCurtain	41	169,852	24.1	26.2	954
McIntosh	23	99,107	23.2	22.1	372
Major	1	36,944	++	++	-
Marshall	10	70,117	14.3	14.9	255
Mayes	38	195,993	19.4	19.1	706
Murray	14	63,761	22.0	21.5	270
Muskogee	50	352,271	14.2	14.4	956
Noble	7	56,139	12.5	12.1	145
Nowata	5	53,808	9.3	8.5	60
Okfuskee	6	57,668	10.4	9.6	84
Oklahoma	477	3,401,364	14.0	14.2	10,944
Okmulgee	31	198,505	15.6	16.4	802
Osage	31	226,135	13.7	13.6	629
Ottawa	36	164,179	21.9	21.3	664
Pawnee	10	84,100	11.9	12.0	188
Payne	25	363,341	6.9	7.9	529
Pittsburg	43	221,883	19.4	19.3	974
Pontotoc	27	175,348	15.4	15.4	557
Pottawatomie	50	338,863	14.8	14.9	1,146
Pushmataha	9	58,437	15.4	15.1	199
Roger Mills	3	16,257	++	++	48
Rogers	44	394,284	11.2	11.1	1,109
Seminole	29	123,052	23.6	23.3	668
Sequoyah	24	202,204	11.9	12.1	632
Stephens	22	213,976	10.3	10.8	486
Texas	10	100,652	9.9	10.6	233
Tillman	5	43,521	11.5	13.3	158
Tulsa	432	2,855,685	15.1	15.3	9,304
Wagoner	30	315,371	9.5	9.5	640
Washington	52	245,500	21.2	21.8	986
Washita	9	57,155	15.7	15.2	211
Woods	4	42,788	++	++	141
Woodward	12	94,215	12.7	11.9	155
Unknown	2	-	-	-	77

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable
 -Denote no events in that category

Table 104. Number of deaths, age-adjusted death rate and years of potential life lost due to Suicide by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: X85-Y09, Y87.1

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	1,993	22.9	23.4	43,885	517	5.8	5.8	11,124
Adair	13	24.1	25.3	393	1	++	++	19
Alfalfa	2	++	++	82	-	-	-	-
Atoka	7	18.2	17.4	190	5	15.3	15.6	101
Beaver	5	36.3	47.8	176	-	-	-	-
Beckham	16	33.3	33.0	322	3	++	++	56
Blaine	8	23.2	21.1	225	-	-	-	-
Bryan	22	23.9	24.0	470	14	14.6	15.4	332
Caddo	21	28.1	29.0	367	4	++	++	147
Canadian	41	17.2	17.9	953	14	5.8	5.7	296
Carter	30	26.6	27.1	665	8	6.6	6.8	175
Cherokee	27	24.9	25.4	620	10	8.9	9.7	193
Choctaw	9	24.7	25.4	280	4	++	++	75
Cimarron	4	++	++	78	-	-	-	-
Cleveland	94	16.9	17.7	2,020	29	5.3	5.0	816
Coal	2	++	++	37	-	-	-	-
Comanche	55	19.7	21.4	1,335	16	5.8	6.1	438
Cotton	4	++	++	108	2	++	++	37
Craig	8	21.3	21.0	201	2	++	++	48
Creek	64	38.0	39.1	1,455	8	4.6	5.0	299
Custer	11	17.9	19.1	245	3	++	++	31
Delaware	22	22.9	22.3	403	5	5.1	4.4	55
Dewey	4	++	++	25	-	-	-	-
Ellis	2	++	++	8	-	-	-	-
Garfield	27	19.6	19.8	452	5	3.4	3.3	75
Garvin	25	38.1	39.7	526	8	11.4	11.2	163
Grady	20	16.8	17.0	386	6	4.9	4.3	94
Grant	3	++	++	2	1	++	++	13
Greer	2	++	++	25	3	++	++	51
Harmon	-	-	-	-	-	-	-	-
Harper	-	-	-	-	-	-	-	-
Haskell	3	++	++	65	1	++	++	33
Hughes	6	16.6	15.0	181	2	++	++	40
Jackson	7	10.6	11.7	176	2	++	++	62
Jefferson	3	++	++	49	1	++	++	-
Johnston	5	19.6	19.2	113	2	++	++	39
Kay	28	24.7	25.1	542	6	5.0	6.1	166
Kingfisher	5	14.4	15.1	89	3	++	++	72
Kiowa	5	20.5	22.5	119	-	-	-	-
Latimer	15	57.4	65.0	372	4	++	++	119
Leflore	30	24.4	25.0	448	5	4.1	4.0	57

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable
 -Denote no events in that category

Table 104. Number of deaths, age-adjusted death rate and years of potential life lost due to Suicide by gender: Oklahoma and each County, 2002-2006

All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.

ICD-10: X85-Y09, Y87.1

County	Male				Female			
	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65	Deaths	Death Rate	Age-Adjusted Death Rate	YPLL Before the Age of 65
State	1,993	22.9	23.4	43,885	517	5.8	5.8	11,124
Lincoln	28	35.1	35.0	639	7	8.6	8.7	162
Logan	13	14.6	13.8	215	2	++	++	81
Love	6	26.6	26.6	132	-	-	-	-
McClain	6	8.2	7.9	109	4	++	++	84
McCurtain	33	40.3	44.7	806	8	9.1	9.1	148
McIntosh	22	46.4	44.8	355	1	++	++	17
Major	1	++	++	-	-	-	-	-
Marshall	8	23.1	22.4	199	2	++	++	56
Mayer	33	33.9	34.1	580	5	5.1	5.2	126
Murray	11	34.8	35.0	228	3	++	++	42
Muskogee	39	22.8	23.4	653	11	6.1	6.7	303
Noble	5	17.9	17.2	82	2	++	++	63
Nowata	5	18.9	19.0	60	-	-	-	-
Okfuskee	4	++	++	18	2	++	++	66
Oklahoma	374	22.6	23.2	8,976	103	5.9	6.0	1,968
Okmulgee	26	26.9	27.6	682	5	4.9	5.6	120
Osage	25	21.9	21.9	500	6	5.4	5.7	129
Ottawa	26	32.5	32.0	456	10	11.9	11.5	208
Pawnee	7	16.8	16.8	148	3	++	++	40
Payne	21	11.3	13.8	431	4	++	++	98
Pittsburg	30	26.6	25.8	684	13	11.9	12.3	290
Pontotoc	21	24.7	25.4	489	6	6.6	6.5	68
Pottawatomie	36	22.0	23.2	812	14	8.0	8.0	334
Pushmataha	9	31.9	31.2	199	-	-	-	-
Roger Mills	3	++	++	48	-	-	-	-
Rogers	34	17.5	17.4	871	10	5.0	5.0	238
Seminole	24	40.2	39.6	540	5	7.9	8.1	128
Sequoyah	17	17.1	17.2	487	7	6.8	7.1	145
Stephens	21	20.2	21.0	458	1	++	++	28
Texas	7	13.5	14.9	192	3	++	++	41
Tillman	3	++	++	110	2	++	++	48
Tulsa	353	25.3	26.3	7,768	79	5.4	5.3	1,536
Wagoner	23	14.7	15.3	488	7	4.4	4.0	152
Washington	42	35.5	37.6	850	10	7.9	7.6	136
Washita	5	18.1	16.7	68	4	++	++	143
Woods	3	++	++	117	1	++	++	24
Woodward	12	25.1	23.8	155	-	-	-	-
Unknown	2	++	++	77	-	-	-	-

++ Calculation of rates is not recommended when there are fewer than five events in the numerator, because the calculated rate is unstable
 -Denote no events in that category

Table 105. Population estimates of children by age group: Oklahoma and each County, 2006

(Estimates provided by the Ok Department of Commerce, U.S. Census Bureau)

<i>County</i>	<i>< 1 year</i>	<i>1-4 years</i>	<i>5-9 years</i>	<i>10-14 years</i>	<i>15-19 years</i>	<i>1-19 years</i>
State	52,417	202,301	241,311	243,733	250,905	938,250
Adair	403	1,536	1,653	1,805	1,718	6,712
Alfalfa	50	175	260	283	301	1,019
Atoka	155	639	866	895	893	3,293
Beaver	65	297	316	424	397	1,434
Beckham	306	1,145	1,316	1,311	1,239	5,011
Blaine	149	541	671	715	858	2,785
Bryan	507	1,995	2,522	2,567	2,753	9,837
Caddo	436	1,713	1,958	2,284	2,420	8,375
Canadian	1,392	5,138	6,564	7,238	7,321	26,261
Carter	680	2,672	3,296	3,226	3,034	12,228
Cherokee	599	2,383	3,019	2,935	3,877	12,214
Choctaw	242	887	998	993	1,145	4,023
Cimarron	30	134	196	207	227	764
Cleveland	2,731	10,771	13,816	14,439	17,611	56,637
Coal	54	277	378	433	401	1,489
Comanche	2,124	7,251	8,894	8,683	9,283	34,111
Cotton	89	303	446	484	424	1,657
Craig	179	741	903	874	1,001	3,519
Creek	950	3,532	4,511	4,905	4,918	17,866
Custer	352	1,473	1,524	1,524	2,163	6,684
Delaware	489	1,790	2,463	2,649	2,562	9,464
Dewey	59	208	237	282	269	996
Ellis	43	184	215	224	218	841
Garfield	930	3,427	3,871	3,776	3,657	14,731
Garvin	361	1,409	1,771	1,819	1,698	6,697
Grady	640	2,613	3,346	3,510	3,649	13,118
Grant	34	157	236	322	336	1,051
Greer	76	242	285	300	343	1,170
Harmon	40	154	207	207	252	820
Harper	44	168	180	225	201	774
Haskell	155	665	833	876	774	3,148
Hughes	210	675	816	904	842	3,237
Jackson	457	1,725	2,178	2,190	2,067	8,160
Jefferson	96	315	415	423	406	1,559
Johnston	145	521	658	724	796	2,699
Kay	649	2,632	3,160	3,375	3,217	12,384
Kingfisher	199	728	918	992	950	3,588
Kiowa	129	495	603	600	659	2,357
Latimer	91	460	687	734	953	2,834
Leflore	732	2,926	3,484	3,427	3,429	13,266

Table 105. Population estimates of children by age group: Oklahoma and each County, 2006

(Estimates provided by the Ok Department of Commerce, U.S. Census Bureau)

<i>County</i>	<i>< 1 year</i>	<i>1-4 years</i>	<i>5-9 years</i>	<i>10-14 years</i>	<i>15-19 years</i>	<i>1-19 years</i>
State	52,417	202,301	241,311	243,733	250,905	938,250
Lincoln	445	1,611	2,048	2,412	2,359	8,430
Logan	463	1,773	2,227	2,391	3,159	9,550
Love	127	450	552	612	632	2,246
McClain	415	1,652	2,032	2,156	2,130	7,970
McCurtain	464	1,899	2,486	2,508	2,526	9,419
McIntosh	212	888	1,127	1,181	1,243	4,439
Major	84	327	396	452	487	1,662
Marshall	190	746	910	920	899	3,475
Mayes	571	2,029	2,685	2,746	2,760	10,220
Murray	162	643	831	827	748	3,049
Muskogee	993	3,952	4,750	4,836	4,653	18,191
Noble	115	582	738	740	749	2,809
Nowata	136	503	715	755	760	2,733
Okfuskee	173	533	669	729	687	2,618
Oklahoma	11,934	45,407	49,334	46,214	44,955	185,910
Okmulgee	582	2,135	2,688	2,744	2,983	10,550
Osage	449	1,850	2,784	3,136	3,243	11,013
Ottawa	425	1,634	2,192	2,284	2,713	8,823
Pawnee	206	802	1,054	1,201	1,175	4,232
Payne	913	3,469	3,801	3,598	6,709	17,577
Pittsburg	556	2,076	2,486	2,854	2,807	10,223
Pontotoc	466	1,952	2,236	2,229	2,598	9,015
Pottawatomie	860	3,539	4,593	4,663	5,063	17,858
Pushmataha	132	538	752	790	854	2,934
Roger Mills	45	176	195	203	197	771
Rogers	888	3,966	5,395	6,169	6,039	21,569
Seminole	368	1,467	1,654	1,646	1,791	6,558
Sequoyah	577	2,212	2,847	3,069	2,818	10,946
Stephens	589	2,195	2,721	2,803	2,799	10,518
Texas	409	1,546	1,764	1,526	1,536	6,372
Tillman	111	433	566	587	694	2,280
Tulsa	9,419	36,590	41,614	40,331	38,100	156,635
Wagoner	843	3,260	4,512	4,979	4,644	17,395
Washington	562	2,357	2,936	3,268	3,315	11,876
Washita	107	547	722	750	814	2,833
Woods	90	354	399	413	712	1,878
Woodward	264	1,111	1,230	1,227	1,292	4,860

Table 106. Female population estimates by age: Oklahoma and each County, 2006

(Estimates provided by the Ok Department of Commerce, U.S. Census Bureau)

<i>County</i>	<i>15-17 years</i>	<i>18-19 years</i>	<i>20-24 years</i>	<i>25-29 years</i>	<i>30-34 years</i>	<i>35-39 years</i>	<i>40-44 years</i>
State	75,290	46,069	130,181	127,065	109,681	111,637	123,475
Adair	562	270	739	847	696	710	746
Alfalfa	109	44	178	82	83	119	163
Atoka	269	129	421	443	419	385	443
Beaver	144	52	153	90	118	137	195
Beckham	423	202	724	705	577	543	634
Blaine	267	117	313	294	248	243	342
Bryan	789	558	1,562	1,371	1,198	1,155	1,228
Caddo	761	379	1,016	912	734	929	1,016
Canadian	2,345	1,238	4,026	3,654	3,029	3,375	3,831
Carter	1,038	395	1,460	1,778	1,473	1,429	1,599
Cherokee	954	995	2,470	1,801	1,217	1,253	1,421
Choctaw	372	178	474	532	447	460	511
Cimarron	80	37	84	53	36	70	104
Cleveland	4,564	3,788	12,298	8,676	7,662	7,577	8,227
Coal	131	63	152	163	184	154	184
Comanche	2,521	1,587	3,410	3,254	3,308	3,508	3,836
Cotton	118	79	193	188	190	201	225
Craig	314	178	436	484	384	421	519
Creek	1,532	796	2,087	2,240	2,031	2,173	2,402
Custer	465	691	1,692	743	681	644	786
Delaware	839	383	1,234	1,396	1,155	1,128	1,247
Dewey	88	40	157	113	84	108	134
Ellis	75	27	103	70	95	87	103
Garfield	1,164	611	1,799	1,806	1,675	1,708	1,888
Garvin	586	249	836	1,003	839	835	903
Grady	1,093	693	2,041	2,002	1,536	1,578	1,857
Grant	118	53	159	96	114	96	175
Greer	97	70	157	138	101	131	134
Harmon	70	38	100	70	79	72	115
Harper	61	38	123	74	49	71	99
Haskell	248	145	419	390	378	347	375
Hughes	277	120	397	373	360	354	397
Jackson	615	373	772	650	765	885	1,051
Jefferson	131	70	188	162	189	166	218
Johnston	206	145	409	308	293	301	324
Kay	930	598	1,388	1,295	1,165	1,213	1,582
Kingfisher	312	142	552	480	368	380	513
Kiowa	201	99	323	242	228	220	307
Latimer	231	259	415	351	277	317	364
Leflore	1,075	614	1,541	1,899	1,397	1,446	1,628

Table 106. Female population estimates by age: Oklahoma and each County, 2006

(Estimates provided by the Ok Department of Commerce, U.S. Census Bureau)

<i>County</i>	<i>15-17 years</i>	<i>18-19 years</i>	<i>20-24 years</i>	<i>25-29 years</i>	<i>30-34 years</i>	<i>35-39 years</i>	<i>40-44 years</i>
State	75,290	46,069	130,181	127,065	109,681	111,637	123,475
Lincoln	786	339	1,027	1,131	932	960	1,187
Logan	819	709	1,771	1,320	1,075	1,090	1,319
Love	210	84	288	274	273	236	315
McClain	667	364	1,115	1,051	963	994	1,120
McCurtain	874	381	1,038	1,188	1,015	1,073	1,199
McIntosh	421	230	592	677	527	542	637
Major	169	63	239	212	158	184	255
Marshall	289	135	434	520	437	404	466
Mayes	877	445	1,238	1,503	1,178	1,198	1,243
Murray	251	91	437	497	389	405	441
Muskogee	1,413	827	2,372	2,655	2,150	2,126	2,414
Noble	241	113	340	266	292	371	357
Nowata	249	114	333	362	304	318	354
Okfuskee	200	141	330	361	285	292	368
Oklahoma	13,688	8,435	23,944	27,477	23,173	22,666	23,757
Okmulgee	893	522	1,365	1,386	1,071	1,081	1,349
Osage	1,040	480	1,421	1,563	1,063	1,345	1,665
Ottawa	734	541	1,044	1,087	908	976	1,089
Pawnee	359	196	516	515	463	541	577
Payne	1,069	2,435	6,106	2,979	1,854	1,711	1,933
Pittsburg	881	445	1,368	1,180	1,136	1,317	1,471
Pontotoc	749	537	1,453	1,344	1,017	1,040	1,156
Pottawatomie	1,410	962	2,649	2,820	2,218	2,200	2,596
Pushmataha	279	125	353	368	303	337	404
Roger Mills	54	33	114	61	68	74	98
Rogers	1,961	939	2,953	3,235	2,661	2,796	3,091
Seminole	549	358	880	778	654	682	788
Sequoyah	884	457	1,293	1,520	1,340	1,282	1,499
Stephens	916	454	1,447	1,282	1,131	1,218	1,518
Texas	459	265	735	653	609	588	660
Tillman	201	107	237	190	197	249	295
Tulsa	12,107	6,499	18,242	19,903	19,519	19,767	20,688
Wagoner	1,481	702	2,499	2,615	2,119	2,260	2,472
Washington	1,104	501	1,610	1,484	1,329	1,430	1,627
Washita	271	128	426	369	312	293	419
Woods	143	218	404	241	194	160	197
Woodward	417	151	567	770	502	502	625

Appendix 1. 113 Selected Causes of Death and associated ICD-10 codes

<i>113 Selected Causes</i>	<i>ICD-10</i>
Salmonella infections	A01-A02
Shigellosis and amebiasis	A03,A06
Certain other intestinal infections	A04,A07-A09
Tuberculosis	A16-A19
Respiratory tuberculosis.	A16
Other tuberculosis	A17-A19
Whooping cough	A37
Scarlet fever and erysipelas	A38,A46
Meningococcal infection	A39
Septicemia	A40-A41
Syphilis	A50-A53
Acute poliomyelitis	A80
Arthropod-borne viral encephalitis	A83-A84,A85.2
Measles	B05
Viral hepatitis	B15-B19
Human immunodeficiency virus (HIV) disease	B20-B24
Malaria	B50-B54
Other and unspecified infectious and parasitic diseases and their sequelae	A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99
Malignant neoplasms	C00-C97
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14
Malignant neoplasm of esophagus	C15
Malignant neoplasm of stomach	C16
Malignant neoplasms of colon, rectum and anus	C18-C21
Malignant neoplasms of liver and intrahepatic bile ducts	C22
Malignant neoplasm of pancreas	C25
Malignant neoplasm of larynx	C32
Malignant neoplasms of trachea, bronchus and lung	C33-C34
Malignant melanoma of skin	C43
Malignant neoplasm of breast	C50
Malignant neoplasm of cervix uteri	C53
Malignant neoplasms of corpus uteri and uterus, part unspecified	C54-C55
Malignant neoplasm of ovary	C56
Malignant neoplasm of prostate	C61
Malignant neoplasms of kidney and renal pelvis	C64-C65
Malignant neoplasm of bladder	C67
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96
Hodgkin's disease	C81
Non-Hodgkin's lymphoma	C82-C85
Leukemia	C91-C95
Multiple myeloma and immunoproliferative neoplasms	C88,C90
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96
All other and unspecified malignant neoplasms	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48
Anemias	D50-D64
Diabetes mellitus	E10-E14
Nutritional deficiencies	E40-E64
Malnutrition	E40-E46
Other nutritional deficiencies	E50-E64

Appendix 1. 113 Selected Causes of Death and associated ICD-10 codes

<i>113 Selected Causes</i>	<i>ICD-10</i>
Meningitis	G00,G03
Parkinson's disease	G20-G21
Alzheimer's disease	G30
Major cardiovascular diseases	I00-I78
Diseases of heart	I00-I09, I11, I13, I20-I51
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09
Hypertensive heart disease	I11
Hypertensive heart and renal disease	I13
Ischemic heart diseases	I20-I25
Acute myocardial infarction	I21-I22
Other acute ischemic heart diseases	I24
Other forms of chronic ischemic heart disease	I20,I25
Atherosclerotic cardiovascular disease, so described	I25.0
All other forms of chronic ischemic heart disease	I20,I25.1-I25.9
Other heart diseases	I26-I51
Acute and subacute endocarditis	I33
Diseases of pericardium and acute myocarditis	I30-I31,I40
Heart failure	I50
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51
Essential (primary) hypertension and hypertensive renal disease	I10,I12
Cerebrovascular diseases	I60-I69
Atherosclerosis	I70
Other diseases of circulatory system	I71-I78
Aortic aneurysm and dissection	I71
Other diseases of arteries, arterioles and capillaries	I72-I78
Other disorders of circulatory system	I80-I99
Influenza and pneumonia	J10-J18
Influenza	J10-J11
Pneumonia	J12-J18
Other acute lower respiratory infections	J20-J22
Acute bronchitis and bronchiolitis	J20-J21
Unspecified acute lower respiratory infection	J22
Chronic lower respiratory diseases	J40-J47
Bronchitis, chronic and unspecified	J40-J42
Emphysema	J43
Asthma	J45-J46
Other chronic lower respiratory diseases	J44,J47
Pneumoconioses and chemical effects	J60-J66, J68
Pneumonitis due to solids and liquids	J69
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98
Peptic ulcer	K25-K28
Diseases of appendix	K35-K38
Hernia	K40-K46
Chronic liver disease and cirrhosis	K70,K73-K74
Alcoholic liver disease	K70
Other chronic liver disease and cirrhosis	K73-K74
Cholelithiasis and other disorders of gallbladder	K80-K82
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01,N04
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic,and renal sclerosis unspecified	N02-N03, N05-N07, N26
Renal failure	N17-N19
Other disorders of kidney	N25,N27
Infections of kidney	N10-N12, N13.6, N15.1
Hyperplasia of prostate	N40

Appendix 1. 113 Selected Causes of Death and associated ICD-10 codes

<i>113 Selected Causes</i>	<i>ICD-10</i>
Inflammatory diseases of female pelvic organs	N70-N76
Pregnancy, childbirth and the puerperium	O00-O99
Pregnancy with abortive outcome	O00-O07
Other complications of pregnancy, childbirth and the puerperium	O10-O99
Certain conditions originating in the perinatal period	P00-P96
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99
All other diseases (Residual)	D65-E07, E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14,N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98
Accidents (unintentional injuries)	V01-X59,Y85-Y86
Transport accidents	V01-V99,Y85
Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
Other land transport accidents	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99,Y85
Nontransport accidents	W00-X59,Y86
Falls	W00-W19
Accidental discharge of firearms	W32-W34
Accidental drowning and submersion	W65-W74
Accidental exposure to smoke, fire and flames	X00-X09
Accidental poisoning and exposure to noxious substances	X40-X49
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86
Intentional self-harm (suicide)	X60-X84,Y87.0
Intentional self-harm (suicide) by discharge of firearms	X72-X74
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y87.0
Assault (homicide)	X85-Y09,Y87.1
Assault (homicide) by discharge of firearms	X93-X95
Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y87.1
Legal intervention	Y35,Y89.0
Events of undetermined intent	Y10-Y34, Y87.2, Y89.9
Discharge of firearms, undetermined intent	Y22-Y24
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y87.2, Y89.9
Operations of war and their sequelae	Y36,Y89.1
Complications of medical and surgical care	Y40-Y84,Y88

Those causes bolded are not included as specific causes in cause of death queries

Appendix 2. 50 Rankable Causes of Death and associated ICD-10 codes

<i>50 Rankable Causes</i>	<i>ICD-10</i>
Salmonella infections	A01-A02
Shigellosis and amebiasis	A03,A06
Tuberculosis	A16-A19
Whooping cough	A37
Scarlet fever and erysipelas	A38,A46
Meningococcal infection	A39
Septicemia	A40-A41
Syphilis	A50-A53
Acute poliomyelitis	A80
Arthropod-borne viral encephalitis	A83-A84, A85.2
Measles	B05
Viral hepatitis	B15-B19
Human immunodeficiency virus (HIV) disease	B20-B24
Malaria	B50-B54
Malignant neoplasms	C00-C97
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48
Anemias	D50-D64
Diabetes mellitus	E10-E14
Nutritional deficiencies	E40-E64
Meningitis	G00,G03
Parkinson's disease	G20-G21
Alzheimer's disease	G30
Diseases of heart	I00-I09, I11, I13, I20-I51
Essential (primary) hypertension and hypertensive renal disease	I10,I12
Cerebrovascular diseases	I60-I69
Atherosclerosis	I70
Aortic aneurysm and dissection	I71
Influenza and pneumonia	J10-J18
Acute bronchitis and bronchiolitis	J20-J21
Chronic lower respiratory diseases	J40-J47
Pneumoconioses and chemical effects	J60-J66, J68
Pneumonitis due to solids and liquids	J69
Peptic ulcer	K25-K28
Diseases of appendix	K35-K38
Hernia	K40-K46
Chronic liver disease and cirrhosis	K70, K73-K74
Cholelithiasis and other disorders of gallbladder	K80-K82
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27
Infections of kidney	N10-N12, N13.6, N15.1
Hyperplasia of prostate	N40
Inflammatory diseases of female pelvic organs	N70-N76
Pregnancy, childbirth and the puerperium	O00-O99
Certain conditions originating in the perinatal period	P00-P96
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99
Accidents (unintentional injuries)	V01-X59, Y85-Y86
Intentional self-harm (suicide)	X60-X84, Y87.0
Assault (homicide)	X85-Y09, Y87.1
Legal intervention	Y35,Y89.0
Operations of war and their sequelae	Y36,Y89.1
Complications of medical and surgical care	Y40-Y84, Y88

Appendix 3. 39 Selected Causes of Death and associated ICD-10 codes

<i>39 Selected Causes</i>	<i>ICD-10</i>
Tuberculosis	A16-A19
Syphilis	A50-A53
Human immunodeficiency virus (HIV) disease	B20-B24
Malignant neoplasms	C00-C97
Malignant neoplasm of stomach	C16
Malignant neoplasms of colon, rectum and anus	C18-C21
Malignant neoplasm of pancreas	C25
Malignant neoplasms of trachea, bronchus and lung	C33-C34
Malignant neoplasm of breast	C50
Malignant neoplasms of cervix uteri, corpus uteri and ovary	C53-C56
Malignant neoplasm of prostate	C61
Malignant neoplasms of urinary tract	C64-C68
Non-Hodgkin's lymphoma	C82-C85
Leukemia	C91-C95
Other malignant neoplasms	C00-C15, C17, C22-C24, C26-C32, C37-C49, C51-C52, C57-C60, C62-C63, C69-C81, C88, C90, C96-C97
Diabetes mellitus	E10-E14
Alzheimer's disease	G30
Major cardiovascular diseases	I00-I78
Diseases of heart	I00-I09, I11, I13, I20-I51
Hypertensive heart disease with or without renal disease	I11, I13
Ischemic heart diseases	I20-I25
Other diseases of heart	I00-I09, I26-I51
Essential (primary) hypertension and hypertensive renal disease	I10, I12
Cerebrovascular diseases	I60-I69
Atherosclerosis	I70
Other diseases of circulatory system	I71-I78
Influenza and pneumonia	J10-J18
Chronic lower respiratory diseases	J40-J47
Peptic ulcer	K25-K28
Chronic liver disease and cirrhosis	K70, K73-K74
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27
Pregnancy, childbirth and the puerperium	O00-O99
Certain conditions originating in the perinatal period	P00-P96
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99
Sudden infant death syndrome	R95
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (excluding Sudden infant death syndrome)	R00-R94, R96-R99
All other diseases (Residual)	A00-A09, A20-A49, A54-B19, B25-B99, D00-E07, E15-G25, G31-H93, I80-J06, J20-J39, J60-K22, K29-K66, K71-K72, K75-M99, N10-N15, N20-N23, N28-N98
Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2

Appendix 3. 39 Selected Causes of Death and associated ICD-10 codes

<i>39 Selected Causes</i>	<i>ICD-10</i>
All other and unspecified accidents and adverse effects	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-X59, Y40-Y86, Y88
Intentional self-harm (suicide)	X60-X84, Y87.0
Assault (homicide)	X85-Y09, Y87.1
All other external causes	Y10-Y36, Y87.2, Y89

Those causes shaded are not included as specific causes in cause of death queries



Creating a State of Health

Oklahoma State Dept. of Health
1000 NE Tenth Street
Oklahoma City, OK 73117-1299

Health Care Information Division
405.271.6225
chsadmin@health.state.ok.us

This publication, printed in January 2009,
was authorized by James M. Crutcher,
M.D., M.P.H., Commissioner of Health.
50 copies were printed at a cost of
\$172.00. Copies have been deposited
with the Publications Clearinghouse of
the Oklahoma Department of Libraries