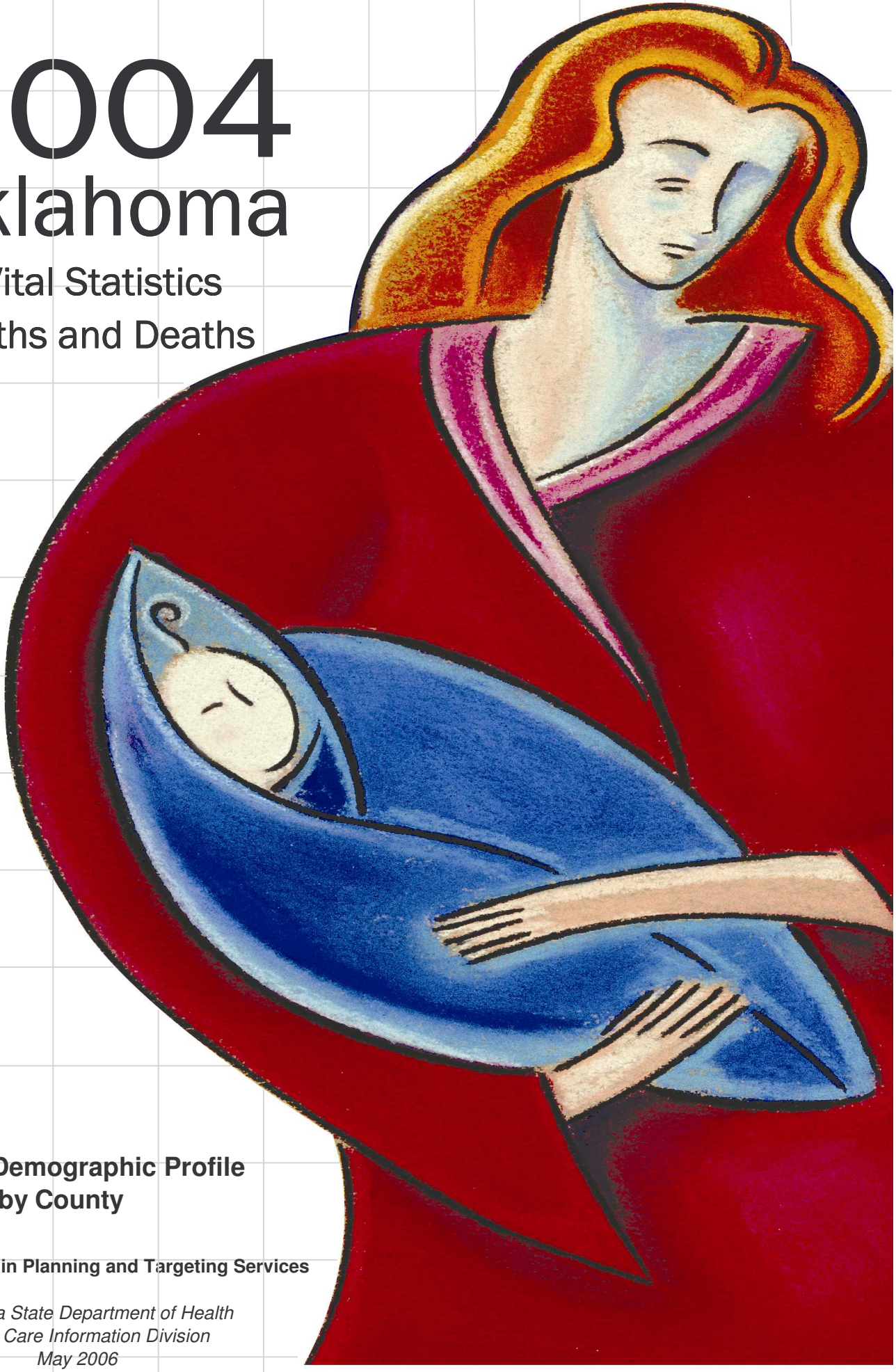
2004 Oklahoma

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
May 2006

Selected Demographic Information
Birth and Death Certificates
The State of Oklahoma, 2004

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

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http://www.health.ok.gov/program/phs/ohs/index.html

Web Query
http://www.health.state.ok.us/stats/vs/

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 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 2004 and deaths from 1980 through 2004.

Previous reports in this series have focused on maternal and child health issues. Beginning in 2002, this report has been 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 characteristic. To accomodate 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. In that vein, the web-site has been named **OK 2 SHARE** (**OK**lahoma **S**tatistics on **H**ealth **A**vailable fo**R** **E**veryone.
www.health.state.ok.us/stats/vs

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 demographic, including age, gender, county, etc. Birth data from 1975 and death data from 1980 is 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 (1991-1998; 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 educate medical staff on the filing process and to raise awareness related 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, expaned 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 comparisions 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 was 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, (405) 271-6225 of the Oklahoma State Department of Health.

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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 unlesss 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 29 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): Measure 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 1999-2001 on 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 else where 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

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2. Anderson RN: Deaths: Leading Causes for 2000. National Vital Statistic Reports: vol 50 no 16. Hyattsville, Maryland: National Center for Health Statistics. 2002. http://www.cdc.gov/nchs/data/nvsr/nvsr50/nvsr50_16.pdf

Formulas

Note: When calculating percentages for various maternal characteristics, the unknown values are always subtracted from the toal 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.

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

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

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

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:

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

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

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

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

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

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

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

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

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

Age Adjusted Mortalilty Rate (Death Rate):

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

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

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, 2004

(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)

		Race of mother						
County	*Total*	*White*	*Black*	*Am. Indian*	*Asian/ Pac Isl*	*Hispanic* [1]	*Crude birth rate*	*Total population estimate*
State	51,157	39,944	4,689	5,387	1,137	5,981	14.5	3,523,553
Adair	407	169	1	230	7	28	18.8	21,657
Alfalfa	51	50	-	1	-	2	8.8	5,810
Atoka	148	117	8	22	1	4	10.4	14,255
Beaver	81	81	-	-	-	16	14.8	5,474
Beckham	276	262	3	11	-	17	14.3	19,347
Blaine	143	112	5	26	-	14	12.7	11,290
Bryan	483	394	9	79	1	34	12.8	37,758
Caddo	428	276	10	142	-	61	14.2	30,167
Canadian	1,311	1,162	26	90	33	61	13.7	95,505
Carter	656	553	42	56	5	42	13.9	47,087
Cherokee	582	320	3	255	4	45	13.2	44,106
Choctaw	233	155	33	45	-	6	15.1	15,451
Cimarron	31	30	-	-	1	11	10.7	2,897
Cleveland	2,691	2,327	89	154	121	175	12.1	222,074
Coal	66	51	-	15	-	2	11.1	5,928
Comanche	1,928	1,291	393	166	78	253	17.4	110,514
Cotton	80	71	3	6	-	8	12.3	6,514
Craig	171	112	3	55	1	3	11.5	14,873
Creek	908	778	26	98	6	16	13.2	68,666
Custer	359	312	9	34	4	70	14.2	25,230
Delaware	449	288	3	153	5	14	11.5	39,088
Dewey	57	51	1	5	-	4	12.2	4,667
Ellis	49	47	-	2	-	1	12.5	3,932
Garfield	895	793	37	35	30	97	15.6	57,282
Garvin	349	293	16	39	1	14	12.8	27,229
Grady	639	573	20	41	5	29	13.3	48,176
Grant	41	39	-	1	1	3	8.5	4,824
Greer	67	64	1	2	-	6	11.5	5,849
Harmon	40	35	3	2	-	16	13.3	2,997
Harper	49	48	-	1	-	12	14.4	3,397
Haskell	153	135	3	14	1	10	12.7	12,088
Hughes	186	125	3	58	-	6	13.3	14,016
Jackson	439	377	43	7	12	120	16.2	27,182
Jefferson	93	91	-	2	-	5	14.4	6,460
Johnston	140	115	3	21	1	8	13.4	10,440
Kay	648	539	15	91	3	40	13.9	46,761
Kingfisher	165	161	-	4	-	29	11.6	14,176
Kiowa	133	119	5	9	-	14	13.5	9,879
Latimer	103	81	1	21	-	7	9.7	10,647
Leflore	728	597	10	114	7	83	14.8	49,161

[1]Hispanic 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, 2004

(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)

		Race of mother						
County	*Total*	*White*	*Black*	*Am. Indian*	*Asian/ Pac Isl*	*Hispanic* [1]	*Crude birth rate*	*Total population estimate*
State	51,157	39,944	4,689	5,387	1,137	5,981	14.5	3,523,553
Lincoln	418	384	7	27	-	7	12.9	32,386
Logan	445	387	38	16	4	23	12.3	36,301
Love	118	111	-	7	-	22	12.9	9,133
McClain	406	379	1	25	1	32	14.0	7,363
McCurtain	452	312	47	91	2	34	13.3	13,860
McIntosh	197	138	6	52	1	2	9.9	39,274
Major	90	88	-	2	-	11	12.2	29,070
Marshall	186	157	7	22	-	43	13.4	34,046
Mayes	528	381	2	144	1	13	13.4	19,939
Murray	152	127	3	22	-	9	12.0	12,682
Muskogee	998	647	120	222	9	69	14.1	70,626
Noble	134	117	1	16	-	3	11.9	11,233
Nowata	125	84	1	40	-	2	11.7	10,717
Okfuskee	145	91	11	43	-	2	12.5	11,637
Oklahoma	11,729	8,719	2,078	475	457	2,345	17.2	680,815
Okmulgee	563	406	50	106	1	14	14.1	39,890
Osage	453	331	21	101	-	9	10.0	45,181
Ottawa	420	288	4	110	18	20	12.8	32,737
Pawnee	189	163	3	23	-	4	11.2	16,834
Payne	879	759	23	55	42	30	12.6	69,675
Pittsburg	532	433	12	85	2	19	12.1	43,950
Pontotoc	478	342	15	116	5	21	13.7	35,007
Pottawatomie	867	677	26	160	4	37	12.9	67,111
Pushmataha	135	106	-	29	-	4	11.5	11,715
Roger Mills	46	43	-	3	-	-	14.1	3,259
Rogers	939	763	6	162	8	32	11.9	79,042
Seminole	356	237	20	98	1	9	14.4	24,679
Sequoyah	560	405	13	139	3	18	13.8	40,578
Stephens	572	533	11	26	2	40	13.4	42,826
Texas	410	405	1	1	3	225	20.2	20,296
Tillman	124	110	10	3	1	43	14.1	8,785
Tulsa	9,175	7,007	1,277	664	227	1,365	16.1	569,148
Wagoner	800	667	34	94	5	27	12.7	63,054
Washington	577	464	14	90	9	24	11.8	49,027
Washita	131	129	-	2	-	7	11.4	11,512
Woods	90	89	-	-	1	4	10.5	8,570
Woodward	278	268	-	8	2	26	14.8	18,741
Unknown	4	3	-	1	-	-	-	-

[1]Hispanic 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, 2004

County	Race of mother: White	Black	American Indian	Asian/ Pac Isl	Hispanic [1]	Total births	% of state
State	78.1	9.2	10.5	2.2	11.7	51,157	100.00
Adair	41.5	0.2	56.5	1.7	6.9	407	0.80
Alfalfa	98.0	-	2.0	-	4.0	51	0.10
Atoka	79.1	5.4	14.9	0.7	2.7	148	0.29
Beaver	100.0	-	-	-	20.0	81	0.16
Beckham	94.9	1.1	4.0	-	6.2	276	0.54
Blaine	78.3	3.5	18.2	-	9.8	143	0.28
Bryan	81.6	1.9	16.4	0.2	7.0	483	0.94
Caddo	64.5	2.3	33.2	-	14.3	428	0.84
Canadian	88.6	2.0	6.9	2.5	4.7	1,311	2.56
Carter	84.3	6.4	8.5	0.8	6.4	656	1.28
Cherokee	55.0	0.5	43.8	0.7	7.8	582	1.14
Choctaw	66.5	14.2	19.3	-	2.6	233	0.46
Cimarron	96.8	-	-	3.2	35.5	31	0.06
Cleveland	86.5	3.3	5.7	4.5	6.5	2,691	5.26
Coal	77.3	-	22.7	-	3.0	66	0.13
Comanche	67.0	20.4	8.6	4.0	13.2	1,928	3.77
Cotton	88.8	3.8	7.5	-	10.1	80	0.16
Craig	65.5	1.8	32.2	0.6	1.8	171	0.33
Creek	85.7	2.9	10.8	0.7	1.8	908	1.77
Custer	86.9	2.5	9.5	1.1	19.6	359	0.70
Delaware	64.1	0.7	34.1	1.1	3.1	449	0.88
Dewey	89.5	1.8	8.8	-	7.1	57	0.11
Ellis	95.9	-	4.1	-	2.0	49	0.10
Garfield	88.6	4.1	3.9	3.4	10.8	895	1.75
Garvin	84.0	4.6	11.2	0.3	4.0	349	0.68
Grady	89.7	3.1	6.4	0.8	4.6	639	1.25
Grant	95.1	-	2.4	2.4	7.3	41	0.08
Greer	95.5	1.5	3.0	-	9.0	67	0.13
Harmon	87.5	7.5	5.0	-	40.0	40	0.08
Harper	98.0	-	2.0	-	24.5	49	0.10
Haskell	88.2	2.0	9.2	0.7	6.5	153	0.30
Hughes	67.2	1.6	31.2	-	3.2	186	0.36
Jackson	85.9	9.8	1.6	2.7	27.3	439	0.86
Jefferson	97.8	-	2.2	-	5.4	93	0.18
Johnston	82.1	2.1	15.0	0.7	5.7	140	0.27
Kay	83.2	2.3	14.0	0.5	6.2	648	1.27
Kingfisher	97.6	-	2.4	-	17.8	165	0.32
Kiowa	89.5	3.8	6.8	-	10.5	133	0.26
Latimer	78.6	1.0	20.4	-	6.8	103	0.20
Leflore	82.0	1.4	15.7	1.0	11.5	728	1.42

[1]Hispanic 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, 2004

County	Race of mother: White	Black	American Indian	Asian/ Pac Isl	Hispanic [1]	Total births	% of state
State	78.1	9.2	10.5	2.2	11.7	51,157	100.00
Lincoln	91.9	1.7	6.5	-	1.7	418	0.82
Logan	87.0	8.5	3.6	0.9	5.2	445	0.87
Love	94.1	-	5.9	-	18.6	118	0.23
McClain	93.3	0.2	6.2	0.2	7.9	406	0.79
McCurtain	69.0	10.4	20.1	0.4	7.5	452	0.88
McIntosh	70.1	3.0	26.4	0.5	1.0	197	0.39
Major	97.8	-	2.2	-	12.2	90	0.18
Marshall	84.4	3.8	11.8	-	23.1	186	0.36
Mayes	72.2	0.4	27.3	0.2	2.5	528	1.03
Murray	83.6	2.0	14.5	-	5.9	152	0.30
Muskogee	64.8	12.0	22.2	0.9	6.9	998	1.95
Noble	87.3	0.7	11.9	-	2.2	134	0.26
Nowata	67.2	0.8	32.0	-	1.6	125	0.24
Okfuskee	62.8	7.6	29.7	-	1.4	145	0.28
Oklahoma	74.3	17.7	4.0	3.9	20.1	11,729	22.93
Okmulgee	72.1	8.9	18.8	0.2	2.5	563	1.10
Osage	73.1	4.6	22.3	-	2.0	453	0.89
Ottawa	68.6	1.0	26.2	4.3	4.8	420	0.82
Pawnee	86.2	1.6	12.2	-	2.1	189	0.37
Payne	86.3	2.6	6.3	4.8	3.4	879	1.72
Pittsburg	81.4	2.3	16.0	0.4	3.6	532	1.04
Pontotoc	71.5	3.1	24.3	1.0	4.4	478	0.93
Pottawatomie	78.1	3.0	18.5	0.5	4.3	867	1.69
Pushmataha	78.5	-	21.5	-	3.0	135	0.26
Roger Mills	93.5	-	6.5	-	-	46	0.09
Rogers	81.3	0.6	17.3	0.9	3.4	939	1.84
Seminole	66.6	5.6	27.5	0.3	2.5	356	0.70
Sequoyah	72.3	2.3	24.8	0.5	3.2	560	1.09
Stephens	93.2	1.9	4.5	0.3	7.0	572	1.12
Texas	98.8	0.2	0.2	0.7	55.0	410	0.80
Tillman	88.7	8.1	2.4	0.8	35.0	124	0.24
Tulsa	76.4	13.9	7.2	2.5	14.9	9,175	17.93
Wagoner	83.4	4.3	11.8	0.6	3.4	800	1.56
Washington	80.4	2.4	15.6	1.6	4.2	577	1.13
Washita	98.5	-	1.5	-	5.3	131	0.26
Woods	98.9	-	-	1.1	4.4	90	0.18
Woodward	96.4	-	2.9	0.7	9.4	278	0.54

[1]Hispanic births are of any race.
- Denotes no events in that category.

Table 3. Number of births by age of mother: Oklahoma and each County, 2004

		Age of mother									
County	*Total*	*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*	*Unk*
State	51,157	104	2,145	4,704	17,135	14,021	8,842	3,487	679	34	6
Adair	407	1	24	56	164	89	50	19	3	1	-
Alfalfa	51	-	2	3	21	17	5	2	1	-	-
Atoka	148	-	6	19	62	31	22	6	2	-	-
Beaver	81	2	4	7	35	23	8	2	.	-	-
Beckham	276	1	12	27	115	82	21	14	4	-	-
Blaine	143	1	8	10	58	37	17	9	3	-	-
Bryan	483	3	26	49	187	137	62	16	3	-	-
Caddo	428	-	27	51	160	101	69	14	6	-	-
Canadian	1,311	-	32	81	325	452	301	98	22	-	-
Carter	656	1	35	72	248	181	88	26	5	-	-
Cherokee	582	3	28	67	213	160	76	28	7	-	-
Choctaw	233	-	13	40	94	48	30	7	1	-	-
Cimarron	31	-	3	3	8	11	5	-	1	-	-
Cleveland	2,691	1	79	161	714	839	616	238	39	3	1
Coal	66	1	1	5	26	21	10	-	2	-	-
Comanche	1,928	1	81	216	762	483	260	109	14	2	-
Cotton	80	-	3	10	28	25	8	5	1	-	-
Craig	171	-	9	17	59	46	22	15	3	-	-
Creek	908	2	36	104	329	236	120	72	9	-	-
Custer	359	-	16	44	130	101	49	17	2	-	-
Delaware	449	-	24	53	185	100	63	23	1	-	-
Dewey	57	-	2	2	29	13	6	3	1	1	-
Ellis	49	-	2	3	18	14	10	2	-	-	-
Garfield	895	6	27	72	325	260	138	49	18	-	-
Garvin	349	-	16	34	141	85	52	15	6	-	-
Grady	639	2	20	54	246	164	103	43	6	-	1
Grant	41	-	2	3	14	12	7	3	-	-	-
Greer	67	-	6	10	31	10	9	1	-	-	-
Harmon	40	-	4	5	11	14	5	1	-	-	-
Harper	49	-	2	6	18	15	6	1	1	-	-
Haskell	153	1	10	27	61	33	15	3	3	-	-
Hughes	186	1	12	17	72	50	26	8	-	-	-
Jackson	439	3	23	44	160	103	65	38	3	-	-
Jefferson	93	-	6	8	33	29	11	6	-	-	-
Johnston	140	-	9	13	50	36	18	12	2	-	-
Kay	648	-	40	61	234	180	86	36	11	-	-
Kingfisher	165	1	5	9	55	49	28	17	1	-	-
Kiowa	133	2	6	15	52	33	18	6	1	-	-
Latimer	103	-	5	22	42	15	13	4	2	-	-
Leflore	728	1	45	90	283	195	79	27	7	-	1

- Denotes no events in that category.

Table 3. Number of births by age of mother: Oklahoma and each County, 2004

		Age of mother									
County	*Total*	*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*	*Unk*
State	51,157	104	2,145	4,704	17,135	14,021	8,842	3,487	679	34	6
Lincoln	418	1	15	37	163	94	79	27	2	-	-
Logan	445	-	14	25	160	132	76	28	10	-	-
Love	118	-	6	11	49	30	14	8	-	-	-
McClain	406	-	6	34	131	113	82	36	4	-	-
McCurtain	452	1	36	78	158	98	56	14	9	2	-
McIntosh	197	-	7	28	80	44	28	9	1	-	-
Major	90	-	2	6	35	22	20	5	-	-	-
Marshall	186	-	9	15	69	41	36	12	4	-	-
Mayes	528	-	27	51	196	150	73	28	3	-	-
Murray	152	-	5	16	64	33	25	7	2	-	-
Muskogee	998	3	40	116	374	244	151	56	14	-	-
Noble	134	-	3	9	51	45	16	8	2	-	-
Nowata	125	-	6	13	39	41	19	7	-	-	-
Okfuskee	145	1	9	14	52	40	20	7	1	1	-
Oklahoma	11,729	28	517	1,000	3,674	3,309	2,158	865	168	10	-
Okmulgee	563	2	18	74	217	142	72	29	8	1	-
Osage	453	-	19	44	155	121	66	37	11	-	-
Ottawa	420	1	20	43	164	111	64	14	3	-	-
Pawnee	189	-	8	22	64	45	34	15	1	-	-
Payne	879	-	23	68	273	263	175	60	15	1	1
Pittsburg	532	2	29	64	201	124	82	28	2	-	-
Pontotoc	478	1	16	49	180	133	71	23	5	-	-
Pottawatomie	867	-	47	89	319	209	136	59	6	2	-
Pushmataha	135	-	9	21	58	26	13	6	2	-	-
Roger Mills	46	-	1	3	24	9	8	-	1	-	-
Rogers	939	-	28	80	308	260	167	82	14	-	-
Seminole	356	-	19	45	141	91	42	14	4	-	-
Sequoyah	560	3	16	67	210	150	76	32	6	-	-
Stephens	572	1	18	52	227	162	73	30	9	-	-
Texas	410	1	22	31	147	117	63	26	3	-	-
Tillman	124	-	11	15	49	28	13	8	-	-	-
Tulsa	9,175	22	365	722	2,686	2,526	1,907	785	153	9	-
Wagoner	800	1	21	66	230	245	158	68	9	-	2
Washington	577	1	20	51	193	167	102	32	10	1	-
Washita	131	-	6	13	62	26	15	7	2	-	-
Woods	90	1	4	6	30	32	8	6	3	-	-
Woodward	278	-	11	35	104	66	47	14	1	-	-
Unknown	4	-	1	1	-	2	-	-	-	-	-

- Denotes no events in that category.

Table 4. Age-specific birth rates by age of mother: Oklahoma and each County, average 2002-2004

(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.)

County	*15-19 years*	*15-17 years*	*18-19 years*	*20-24 years*	*25-29 years*	*30-34 years*	*35-39 years*	*40-44 years*	*Fertility rate*
State	56.4	29.5	94.5	129.6	120.9	77.7	29.2	5.3	69.3
Adair	94.5	51.8	167.4	193.4	124.6	66.1	21.9	6.3	84.6
Alfalfa	35.0	20.4	57.0	116.8	172.1	47.3	20.9	++	54.8
Atoka	63.9	19.4	136.1	165.0	99.4	54.2	17.2	++	65.1
Beaver	48.0	33.8	68.3	177.7	214.0	91.3	19.6	++	72.4
Beckham	71.8	29.1	143.1	179.2	132.9	54.2	23.1	2.4	77.7
Blaine	52.5	29.3	91.7	144.8	148.4	59.9	21.1	5.2	68.3
Bryan	63.2	32.9	107.1	122.2	97.7	53.0	19.2	4.1	63.4
Caddo	64.0	33.4	118.7	161.4	138.1	77.7	22.7	5.4	74.1
Canadian	34.3	14.1	68.5	95.6	144.5	90.6	28.9	3.9	60.4
Carter	70.8	33.8	131.6	161.3	136.6	65.6	19.7	3.6	73.6
Cherokee	50.1	32.9	64.7	98.1	95.7	65.9	25.0	4.9	60.6
Choctaw	89.9	47.1	163.5	173.0	107.7	51.2	20.7	5.2	72.9
Cimarron	41.2	++	82.6	126.6	203.9	118.8	++	++	68.3
Cleveland	28.4	15.0	42.8	66.9	88.8	76.3	30.6	5.1	50.3
Coal	56.5	15.8	120.3	161.8	125.8	63.9	11.7	++	68.0
Comanche	74.6	31.2	140.7	182.5	133.9	67.2	25.9	3.6	81.2
Cotton	61.3	22.4	127.7	122.4	151.4	53.2	17.0	++	62.2
Craig	59.1	24.0	117.3	144.8	138.8	73.3	21.0	4.6	68.1
Creek	52.4	22.7	102.1	143.2	126.5	64.8	25.5	3.7	65.1
Custer	50.5	34.1	64.6	87.2	104.4	82.8	28.0	4.5	63.0
Delaware	59.9	24.9	119.0	134.0	107.6	57.5	21.9	1.5	61.9
Dewey	37.3	++	66.7	151.1	165.4	70.1	32.5	++	69.8
Ellis	38.3	++	85.3	206.5	196.3	104.1	++	++	80.2
Garfield	62.3	27.6	118.1	159.6	145.7	77.6	27.1	6.1	77.4
Garvin	53.1	22.5	101.6	147.4	116.9	61.3	20.1	4.9	65.2
Grady	45.5	22.7	78.9	120.5	113.9	71.8	25.4	2.6	61.5
Grant	31.0	30.2	32.1	101.0	134.1	69.3	15.4	++	47.3
Greer	79.5	48.5	131.3	174.0	128.2	72.0	19.8	-	76.4
Harmon	70.5	45.5	109.7	133.8	151.7	57.9	++	-	63.5
Harper	40.7	++	91.6	172.9	206.3	74.8	++	++	69.6
Haskell	80.7	35.0	152.2	166.5	104.3	46.9	14.4	5.8	71.4
Hughes	68.7	41.3	112.0	184.1	127.9	68.6	16.8	++	75.4
Jackson	70.9	40.2	121.1	169.7	145.4	80.5	30.7	3.8	79.2
Jefferson	69.5	37.1	120.2	125.2	158.4	69.4	18.2	-	68.3
Johnston	69.4	38.3	111.3	132.3	112.3	48.0	21.7	4.5	64.6
Kay	64.7	43.5	94.6	160.4	151.2	69.6	26.0	5.8	76.1
Kingfisher	37.7	19.5	64.1	126.4	141.0	98.1	30.3	5.7	66.3
Kiowa	67.2	34.4	116.9	169.2	142.2	61.3	17.2	++	71.6
Latimer	43.8	25.7	59.5	116.1	76.5	47.4	11.4	5.1	50.3
Leflore	76.9	39.8	130.5	174.1	127.9	56.5	19.3	4.1	76.1

- 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 2002-2004

(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.)

County	*15-19 years*	*15-17 years*	*18-19 years*	*20-24 years*	*25-29 years*	*30-34 years*	*35-39 years*	*40-44 years*	*Fertility rate*
State	56.4	29.5	94.5	129.6	120.9	77.7	29.2	5.3	69.3
Lincoln	49.5	20.4	97.2	131.4	118.0	71.3	24.3	3.9	61.9
Logan	27.0	14.5	39.0	81.5	122.9	76.5	25.1	6.4	53.7
Love	43.8	20.0	82.6	163.9	124.8	75.8	24.2	4.9	67.3
McClain	41.0	15.6	84.6	133.3	149.1	81.2	27.5	4.5	66.1
McCurtain	78.7	43.3	136.0	159.8	119.5	57.3	15.6	3.3	70.5
McIntosh	56.2	25.9	107.2	142.9	112.6	65.9	17.1	2.9	63.7
Major	29.3	++	61.2	115.4	153.7	85.7	19.5	++	58.9
Marshall	57.9	30.2	106.9	154.8	118.5	84.5	21.6	7.4	72.1
Mayes	55.9	27.1	107.7	155.6	118.6	57.9	21.2	4.2	67.7
Murray	69.9	35.8	115.3	131.2	103.9	60.3	21.0	4.3	63.8
Muskogee	64.9	27.1	120.1	148.9	112.6	60.9	19.8	4.7	68.5
Noble	40.5	18.6	78.5	161.2	144.3	73.9	24.0	4.5	68.4
Nowata	50.4	24.8	94.3	137.5	133.7	56.8	19.9	++	62.4
Okfuskee	56.6	35.2	94.6	132.9	132.7	58.6	25.4	++	66.1
Oklahoma	68.8	39.1	111.1	142.7	122.9	87.0	36.6	6.9	78.6
Okmulgee	64.3	27.4	123.2	143.8	120.2	65.6	22.9	5.3	69.6
Osage	42.4	21.1	79.4	109.4	111.9	54.3	20.1	5.4	52.5
Ottawa	57.0	33.3	87.3	133.3	120.2	65.6	14.7	5.1	64.6
Pawnee	51.3	24.2	96.5	138.9	124.7	66.5	26.7	3.3	63.4
Payne	28.8	26.1	29.9	50.0	66.4	83.6	38.0	7.8	46.8
Pittsburg	62.1	31.2	112.5	152.6	127.7	55.4	18.4	2.6	65.0
Pontotoc	59.3	27.3	111.9	119.1	110.5	69.8	23.6	4.5	66.7
Pottawatomie	55.8	31.2	89.3	115.5	101.9	67.7	22.9	2.6	61.4
Pushmataha	62.5	39.1	100.0	145.5	106.9	55.8	14.9	++	59.2
Roger Mills	63.2	++	118.5	231.1	179.3	113.9	19.6	++	87.0
Rogers	35.1	13.5	72.3	107.2	120.7	75.2	28.6	4.3	57.5
Seminole	79.1	39.7	144.5	155.7	133.9	76.0	25.9	5.6	79.0
Sequoyah	65.2	25.3	135.8	148.6	126.5	56.2	20.4	4.8	67.3
Stephens	51.9	19.5	107.7	143.7	142.5	69.8	21.7	3.8	67.7
Texas	82.4	53.3	119.2	179.8	155.6	83.5	35.9	5.3	93.8
Tillman	70.5	39.9	124.0	149.7	141.5	74.2	15.1	-	68.1
Tulsa	58.7	32.2	99.4	140.1	130.7	92.7	38.5	6.9	76.5
Wagoner	39.6	16.6	76.8	99.8	130.1	75.8	27.4	4.4	58.8
Washington	41.3	22.1	70.2	123.5	137.6	77.4	24.7	5.2	63.8
Washita	47.4	23.3	83.8	151.7	112.6	49.2	21.9	6.1	61.9
Woods	21.8	9.7	35.9	80.5	118.1	63.3	26.6	6.0	53.7
Woodward	69.6	19.1	145.5	169.8	136.9	88.8	20.4	3.5	77.3

- 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, 2004

County	*Race of mother*				*Total*	*% 1st*	*% Poor* [1]	*% Previous*	*% Not*
	White	*Black*	*American Indian*	*Asian/ Pac Isl*	*< 20 years*	*Trimester*	*Care*	*Births*	*Married*
State	4,972	901	1,030	50	6,953	66.8	9.1	20.7	77.3
Adair	34	-	45	2	81	56.8	4.9	31.2	74.1
Alfalfa	4	-	1	-	5	**	**	**	**
Atoka	18	1	6	-	25	72.0	8.0	20.0	68.0
Beaver	13	-	-	-	13	**	**	**	**
Beckham	35	3	2	-	40	52.5	12.5	22.5	77.5
Blaine	13	2	4	-	19	**	**	**	**
Bryan	62	1	14	1	78	67.9	5.1	19.2	84.6
Caddo	48	6	24	-	78	68.5	12.3	21.8	69.2
Canadian	93	3	17	-	113	78.4	6.9	17.7	81.4
Carter	85	11	11	1	108	83.3	3.7	26.9	69.4
Cherokee	39	1	58	-	98	65.6	9.4	16.3	69.4
Choctaw	37	10	6	-	53	60.4	5.7	22.6	77.4
Cimarron	6	-	-	-	6	**	**	**	**
Cleveland	206	12	22	1	241	79.2	6.5	13.3	76.8
Coal	6	-	1	-	7	**	**	**	**
Comanche	189	67	36	6	298	75.7	7.4	20.5	72.5
Cotton	10	1	2	-	13	**	**	**	**
Craig	16	-	10	-	26	61.5	11.5	23.1	61.5
Creek	117	6	19	-	142	64.5	8.0	18.3	71.1
Custer	55	5	-	-	60	76.7	3.3	20.7	73.3
Delaware	43	-	33	1	77	56.6	10.5	19.5	74.0
Dewey	4	-	-	-	4	**	**	**	**
Ellis	5	-	-	-	5	**	**	**	**
Garfield	91	6	7	1	105	66.3	8.6	21.9	78.1
Garvin	40	1	9	-	50	70.0	10.0	14.0	78.0
Grady	66	3	7	-	76	63.5	16.3	14.5	73.7
Grant	4	-	1	-	5	**	**	**	**
Greer	15	1	-	-	16	**	**	**	**
Harmon	9	-	-	-	9	**	**	**	**
Harper	8	-	-	-	8	**	**	**	**
Haskell	30	2	6	-	38	65.8	10.5	29.7	60.5
Hughes	15	-	15	-	30	53.3	23.3	16.7	83.3
Jackson	58	10	-	2	70	74.3	2.9	31.4	70.0
Jefferson	13	-	1	-	14	**	**	**	**
Johnston	17	1	4	-	22	81.8	4.5	13.6	86.4
Kay	72	3	25	1	101	60.2	12.2	26.7	78.2
Kingfisher	15	-	-	-	15	**	**	**	**
Kiowa	21	-	2	-	23	47.8	8.7	8.7	78.3
Latimer	25	-	2	-	27	59.3	14.8	22.2	63.0
Leflore	106	2	27	1	136	74.8	9.6	19.9	65.4

[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, 2004

County	*Race of mother* White	Black	American Indian	Asian/ Pac Isl	*Total < 20 years*	*% 1st Trimester*	*% Poor[1] Care*	*% Previous Births*	*% Not Married*
State	4,972	901	1,030	50	6,953	66.8	9.1	20.7	77.3
Lincoln	49	3	1	-	53	81.3	4.2	13.2	75.5
Logan	32	5	1	1	39	69.2	2.6	5.1	82.1
Love	17	-	-	-	17	**	**	**	**
McClain	36	-	4	-	40	67.5	12.5	17.5	75.0
McCurtain	69	18	27	1	115	77.0	4.5	16.5	69.6
McIntosh	23	2	10	-	35	68.6	17.2	28.6	68.6
Major	8	-	-	-	8	**	**	**	**
Marshall	20	-	4	-	24	70.8	16.7	16.7	58.3
Mayes	52	-	26	-	78	78.2	3.9	19.2	65.4
Murray	16	1	4	-	21	90.5	9.5	4.8	61.9
Muskogee	88	30	41	-	159	57.7	10.9	23.3	75.5
Noble	9	-	3	-	12	**	**	**	**
Nowata	14	-	5	-	19	**	**	**	**
Okfuskee	13	1	10	-	24	65.2	21.7	8.3	75.0
Oklahoma	1,050	387	94	14	1,545	65.7	8.5	22.3	84.1
Okmulgee	63	10	21	-	94	66.3	4.4	22.3	71.3
Osage	37	4	22	-	63	63.5	6.4	9.5	81.0
Ottawa	42	-	22	-	64	68.3	3.2	18.7	76.6
Pawnee	22	-	8	-	30	71.4	7.2	31.0	60.0
Payne	74	1	14	2	91	58.4	11.2	15.4	64.8
Pittsburg	72	1	22	-	95	73.4	8.5	13.7	70.5
Pontotoc	42	2	22	-	66	81.8	7.6	15.2	80.3
Pottawatomie	92	6	35	3	136	74.3	14.7	23.0	84.6
Pushmataha	24	-	6	-	30	76.7	10.0	13.3	60.0
Roger Mills	3	-	1	-	4	**	**	**	**
Rogers	80	-	27	1	108	78.5	3.7	17.6	65.7
Seminole	38	3	23	-	64	70.9	14.5	28.6	81.3
Sequoyah	69	1	16	-	86	71.8	13.0	27.9	66.3
Stephens	63	5	3	-	71	71.8	7.0	21.1	67.6
Texas	53	1	.	-	54	42.6	22.2	24.1	64.8
Tillman	20	4	2	-	26	73.1	7.6	26.9	84.6
Tulsa	742	253	106	8	1,109	56.1	13.2	22.7	83.5
Wagoner	62	3	22	1	88	67.1	6.1	22.7	71.6
Washington	60	2	10	-	72	88.9	2.8	15.3	79.2
Washita	19	-	-	-	19	**	**	**	**
Woods	11	-	-	-	11	**	**	**	**
Woodward	44	-	-	2	46	54.3	-	17.4	80.4
Unknown	1	-	1	-	2				

[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, 2004

	Low Birthweight				*Not Married*		*Education*		
	< 1500 grams		*< 2500 grams*				*< 12 grades*		*Total*
County	*Number*	*%*	*Number*	*%*	*Number*	*%*	*Number*	*%*	*Births*
State	649	1.3	4,097	8.0	19,678	38.5	11,636	22.8	51,157
Adair	9	2.2	37	9.1	192	47.2	138	33.9	407
Alfalfa	-	-	-	-	14	27.5	9	17.6	51
Atoka	-	-	10	6.8	46	31.1	24	16.3	148
Beaver	1.0	1.2	5	6.2	28	34.6	21	26.3	81
Beckham	3	1.1	32	11.6	111	40.2	41	14.9	276
Blaine	-	-	10	7.0	62	43.4	25	17.5	143
Bryan	8	1.7	31	6.4	227	47.0	126	26.1	483
Caddo	8	1.9	37	8.7	203	47.4	92	21.6	428
Canadian	14	1.1	106	8.1	339	25.9	150	11.5	1,311
Carter	5	0.8	52	7.9	273	41.6	179	27.3	656
Cherokee	9	1.5	45	7.7	236	40.5	153	26.4	582
Choctaw	6	2.6	19	8.2	110	47.2	64	27.7	233
Cimarron	-	-	-	-	11	35.5	9	29.0	31
Cleveland	16	0.6	171	6.4	688	25.6	312	11.6	2,691
Coal	-	-	3	4.5	20	30.3	16	25.0	66
Comanche	22	1.1	169	8.8	731	37.9	320	16.6	1,928
Cotton	-	-	5	6.3	33	41.3	14	17.5	80
Craig	2	1.2	11	6.4	55	32.2	27	15.8	171
Creek	19	2.1	78	8.6	339	37.3	193	21.3	908
Custer	1	0.3	19	5.3	142	39.6	74	20.6	359
Delaware	4	0.9	34	7.6	200	44.5	117	26.1	449
Dewey	1.0	1.8	4	7.0	19	33.3	11	19.3	57
Ellis	-	-	5	10.2	12	24.5	6	12.2	49
Garfield	14	1.6	84	9.4	364	40.7	180	20.1	895
Garvin	5	1.4	27	7.7	133	38.1	74	21.3	349
Grady	9	1.4	45	7.1	217	34.0	114	17.9	639
Grant	-	-	2.0	4.9	12	29.3	6	14.6	41
Greer	-	-	3	4.5	31	46.3	17	25.4	67
Harmon	1	2.5	2	5.0	22	55.0	15	37.5	40
Harper	-	-	2	4.1	13	26.5	12	24.5	49
Haskell	-	-	18	11.8	44	28.8	40	26.5	153
Hughes	2.0	1.1	18	9.7	89	47.8	46	24.9	186
Jackson	5	1.1	35	8.0	157	35.8	90	20.5	439
Jefferson	.	.	11	12.0	34	36.6	26	28.0	93
Johnston	1	0.7	8	5.7	53	37.9	36	26.1	140
Kay	13	2.0	64	9.9	298	46.0	169	26.2	648
Kingfisher	1	0.6	19	11.5	32	19.4	39	23.6	165
Kiowa	-	-	12	9.1	63	47.4	26	19.5	133
Latimer	4.0	3.9	7	6.8	35	34.0	25	24.3	103
Leflore	3	0.4	52	7.1	258	35.5	228	31.6	728

- 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, 2004

	Low Birthweight				*Not Married*		*Education*		
	< 1500 grams		*< 2500 grams*				*< 12 grades*		*Total*
County	*Number*	*%*	*Number*	*%*	*Number*	*%*	*Number*	*%*	*Births*
State	649	1.3	4,097	8.0	19,678	38.5	11,636	22.8	51,157
Lincoln	5	1.2	34	8.2	141	33.7	88	21.2	418
Logan	3	0.7	31	7.0	140	31.5	59	13.3	445
Love	1.0	0.9	6	5.1	45	38.1	34	28.8	118
McClain	7	1.7	31	7.6	95	23.4	61	15.1	406
McCurtain	3.0	0.7	35	7.7	205	45.4	116	25.7	452
McIntosh	7	3.6	17	8.6	86	43.7	39	19.9	197
Major	2.0	2.2	13	14.4	29	32.2	15	16.7	90
Marshall	2	1.1	13	7.0	64	34.4	51	27.4	186
Mayes	4	0.8	37	7.0	167	31.6	109	20.6	528
Murray	3	2.0	15	9.9	58	38.2	33	22.1	152
Muskogee	13	1.3	66	6.6	407	40.8	259	26.0	998
Noble	1	0.8	5	3.8	53	39.6	23	17.2	134
Nowata	2.0	1.6	5	4.0	42	33.6	26	20.8	125
Okfuskee	3	2.1	17	11.7	66	45.5	37	26.1	145
Oklahoma	185	1.6	1,027	8.8	5172	44.1	3221	27.7	11,729
Okmulgee	8	1.4	43	7.7	250	44.4	139	24.7	563
Osage	6	1.3	25	5.5	174	38.4	75	16.6	453
Ottawa	3	0.7	31	7.4	184	43.8	112	26.7	420
Pawnee	4	2.1	27	14.3	67	35.4	44	23.4	189
Payne	5	0.6	46	5.2	236	26.8	122	13.9	879
Pittsburg	4	0.8	35	6.6	226	42.6	142	26.7	532
Pontotoc	7	1.5	32	6.7	199	41.6	106	22.3	478
Pottawatomie	12	1.4	70	8.1	361	41.6	207	24.2	867
Pushmataha	2.0	1.5	7	5.2	57	42.2	29	21.5	135
Roger Mills	1.0	2.2	4	8.7	16	34.8	7	15.2	46
Rogers	15	1.6	69	7.3	257	27.4	148	15.8	939
Seminole	8	2.2	32	9.0	169	47.5	82	23.3	356
Sequoyah	4	0.7	44	7.9	206	36.8	149	26.8	560
Stephens	6	1.0	40	7.0	186	32.5	93	16.3	572
Texas	4.0	1.0	27	6.6	154	37.6	199	48.5	410
Tillman	1.0	0.8	10	8.1	63	50.8	36	29.0	124
Tulsa	114	1.2	773	8.4	3,521	38.4	2,173	23.8	9,175
Wagoner	9	1.1	53	6.6	242	30.3	125	15.7	800
Washington	7	1.2	41	7.1	208	36.0	104	18.1	577
Washita	-	-	12	9.2	49	37.4	29	22.3	131
Woods	-	-	6	6.7	24	26.7	14	15.6	90
Woodward	2	0.7	25	9.0	111	39.9	65	23.4	278
Unknown	-	-	1		2		1		

- Denotes no events in that category.

Table 7. Risk factors for Infants: Birth Interval and Parity Oklahoma and each County, 2004

Note: *Among women with at least one previous birth

	Live-birth Order					*< 20 years of age: 2 or more previous births**		*20 years or older: 4 or more previous births**		
County	*First*	*Second*	*Third or Higher*	*Unknown*	*Percent Repeat Births*	*Number*	*%*	*Number*	*%*	*Total Births*
State	19,913	16,044	15,106	94	61.0	226	15.7	2,106	7.1	51,157
Adair	146	124	136	1	64.0	3	12.0	19	8.1	407
Alfalfa	19	17	15	-	62.7	-	**	3	9.7	51
Atoka	54	60	34	-	63.5	1	**	4	4.5	148
Beaver	32	26	23	-	60.5	-	**	2	4.3	81
Beckham	108	92	76	-	60.9	2	**	11	6.9	276
Blaine	57	40	44	2	59.6	2	**	6	7.4	143
Bryan	187	178	117	1	61.2	3	**	12	4.3	483
Caddo	153	111	162	2	64.1	7	**	37	14.5	428
Canadian	524	430	354	3	59.9	6	30.0	40	5.2	1,311
Carter	233	216	206	1	64.4	5	17.2	32	8.1	656
Cherokee	228	180	173	1	60.8	2	**	23	6.8	582
Choctaw	94	79	60	-	59.7	-	**	7	5.5	233
Cimarron	12	10	9	-	61.3	-	-	1	5.3	31
Cleveland	1,145	901	639	6	57.4	2	6.3	60	4.0	2,691
Coal	17	18	29	2	73.4	-	**	6	13.0	66
Comanche	815	580	530	3	57.7	9	14.8	82	7.8	1,928
Cotton	34	25	21	-	57.5	-	**	2	4.5	80
Craig	58	54	58	1	65.9	1	**	5	4.7	171
Creek	370	279	259	-	59.3	4	15.4	28	5.5	908
Custer	136	119	101	3	61.8	3	**	6	2.9	359
Delaware	170	117	162	-	62.1	1	**	37	14.0	449
Dewey	21	14	22	-	63.2	-	-	4	11.1	57
Ellis	17	16	16	-	65.3	-	**	2	6.5	49
Garfield	324	275	292	4	63.6	5	21.7	45	8.3	895
Garvin	133	110	102	4	61.4	2	**	8	3.9	349
Grady	246	195	197	1	61.4	4	**	25	6.6	639
Grant	20	11	10	-	51.2	-	-	-	-	41
Greer	25	24	18	-	62.7	-	**	3	8.1	67
Harmon	17	11	12	-	57.5	1	**	2	10.0	40
Harper	21	16	12	-	57.1	-	-	3	10.7	49
Haskell	61	56	35	1	59.9	1	**	5	6.3	153
Hughes	70	56	60	-	62.4	2	**	10	9.0	186
Jackson	163	138	138	-	62.9	3	13.6	25	9.8	439
Jefferson	31	35	27	-	66.7	-	**	3	5.1	93
Johnston	60	40	40	-	57.1	-	**	4	5.2	140
Kay	234	191	223	-	63.9	2	7.4	39	10.1	648
Kingfisher	63	51	49	2	61.3	1	**	3	3.0	165
Kiowa	51	35	47	-	61.7	-	**	3	3.8	133
Latimer	43	30	29	1	57.8	-	**	-	-	103
Leflore	284	233	208	3	60.8	2	7.4	26	6.3	728

- 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, 2004

Note: *Among women with at least one previous birth

	Live-birth Order					*< 20 years of age: 2 or more previous births**		*20 years or older: 4 or more previous births**		
County	*First*	*Second*	*Third or Higher*	*Unknown*	*Percent Repeat Births*	*Number*	*%*	*Number*	*%*	*Total Births*
State	19,913	16,044	15,106	94	61.0	226	15.7	2,106	7.1	51,157
Lincoln	159	115	144	-	62.0	2	**	10	4.0	418
Logan	191	132	122	-	57.1	-	**	17	6.7	445
Love	42	36	40	-	64.4	1	**	2	2.7	118
McClain	150	129	126	1	63.0	2	**	15	6.0	406
McCurtain	187	151	114	-	58.6	3	**	12	4.9	452
McIntosh	71	63	63	-	64.0	2	**	7	6.0	197
Major	37	21	31	1	58.4	-	**	2	3.9	90
Marshall	68	56	62	-	63.4	-	**	10	8.8	186
Mayes	203	165	159	1	61.5	2	**	16	5.2	528
Murray	62	52	38	-	59.2	-	**	5	5.6	152
Muskogee	372	323	302	1	62.7	5	13.5	46	7.8	998
Noble	48	42	44	-	64.2	-	**	6	7.1	134
Nowata	32	38	55	-	74.4	3	**	7	7.8	125
Okfuskee	54	35	55	1	62.5	-	**	5	5.7	145
Oklahoma	4,644	3,612	3,462	11	60.4	63	18.3	527	7.8	11,729
Okmulgee	202	185	176	-	64.1	3	14.3	20	5.9	563
Osage	163	141	149	-	64.0	1	**	28	9.9	453
Ottawa	160	121	139	-	61.9	3	**	18	7.3	420
Pawnee	60	67	61	1	68.1	-	**	14	11.8	189
Payne	368	292	219	-	58.1	-	**	24	4.8	879
Pittsburg	205	157	170	-	61.5	3	**	15	4.8	532
Pontotoc	193	154	127	4	59.3	-	**	14	5.2	478
Pottawatomie	307	289	266	5	64.4	7	22.6	40	7.6	867
Pushmataha	63	35	37	-	53.3	-	**	2	2.9	135
Roger Mills	16	16	14	-	65.2	-	**	1	3.4	46
Rogers	364	295	280	-	61.2	1	**	34	6.1	939
Seminole	119	105	130	2	66.4	2	**	14	6.5	356
Sequoyah	203	186	169	2	63.6	1	4.2	22	6.6	560
Stephens	214	176	180	2	62.5	6	**	21	6.2	572
Texas	128	128	153	1	68.7	1	**	26	9.7	410
Tillman	44	36	44	-	64.5	2	**	4	5.5	124
Tulsa	3,598	2,889	2,670	18	60.7	35	13.9	417	7.9	9,175
Wagoner	292	258	249	1	63.5	2	10.0	32	6.6	800
Washington	222	191	164	-	61.5	1	**	26	7.6	577
Washita	45	37	49	-	65.6	-	**	3	3.8	131
Woods	48	23	19	-	46.7	-	**	3	7.3	90
Woodward	102	99	77	-	63.3	1	**	6	3.6	278
Unknown	1	1	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, 2004

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	38,758	78.1	31,237	62.9	629	1,671	668	6.0	49,623
Adair	288	70.9	221	54.4	8	15	6	7.1	406
Alfalfa	37	72.5	30	58.8	-	2	-	3.9	51
Atoka	117	79.6	76	51.7	1	4	2	4.8	147
Beaver	54	68.4	41	51.9	2	3	2	8.9	79
Beckham	163	59.3	118	42.9	8	22	1	11.3	275
Blaine	109	79.0	99	71.7	1	8	1	7.2	138
Bryan	378	78.3	244	50.5	3	18	4	5.2	483
Caddo	305	74.2	235	57.2	15	23	11	11.9	411
Canadian	1,112	90.3	992	80.5	13	19	4	2.9	1,232
Carter	567	86.8	495	75.8	4	16	3	3.5	653
Cherokee	402	69.6	267	46.2	17	25	11	9.2	578
Choctaw	179	77.5	105	45.5	1	8	4	5.6	231
Cimarron	17	54.8	14	45.2	-	2	1	9.7	31
Cleveland	2,370	89.8	2,124	80.5	9	48	9	2.5	2,639
Coal	56	84.8	44	66.7	-	2	-	3.0	66
Comanche	1,592	83.0	1,197	62.4	31	50	27	5.6	1,917
Cotton	68	85.0	60	75.0	3	2	-	6.3	80
Craig	121	72.9	82	49.4	3	8	3	8.4	166
Creek	614	71.6	489	57.1	15	34	13	7.2	857
Custer	299	83.5	228	63.7	4	9	6	5.3	358
Delaware	315	71.3	233	52.7	8	26	2	8.1	442
Dewey	30	52.6	27	47.4	1	3	8	21.1	57
Ellis	41	85.4	39	81.3	-	-	-	-	48
Garfield	664	74.7	538	60.5	6	31	9	5.2	889
Garvin	283	81.6	236	68.0	3	7	9	5.5	347
Grady	522	84.1	420	67.6	8	17	7	5.2	621
Grant	33	80.5	31	75.6	-	-	-	-	41
Greer	54	80.6	46	68.7	2	-	1	4.5	67
Harmon	29	72.5	23	57.5	1	-	1	5.0	40
Harper	37	75.5	32	65.3	.	3	-	6.1	49
Haskell	107	70.4	73	48.0	1	6	2	5.9	152
Hughes	131	74.0	107	60.5	5	10	2	9.6	177
Jackson	384	87.5	330	75.2	-	3	-	0.7	439
Jefferson	75	80.6	62	66.7	3	2	-	5.4	93
Johnston	120	85.7	88	62.9	3	4	-	5.0	140
Kay	436	69.5	366	58.4	5	43	13	9.7	627
Kingfisher	143	89.4	134	83.8	1	3	-	2.5	160
Kiowa	95	72.0	78	59.1	-	6	1	5.3	132
Latimer	80	79.2	61	60.4	-	5	-	5.0	101
Leflore	561	77.9	400	55.6	22	21	13	7.8	720

[1] 1-3 pnc visits begining 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, 2004

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	38,758	78.1	31,237	62.9	629	1,671	668	6.0	49,623
Lincoln	331	83.4	258	65.0	3	9	11	5.8	397
Logan	378	85.3	321	72.5	3	14	2	4.3	443
Love	99	83.9	90	76.3	-	1	1	1.7	118
McClain	329	83.3	290	73.4	5	13	5	5.8	395
McCurtain	384	86.5	311	70.0	2	6	2	2.3	444
McIntosh	138	70.1	93	47.2	3	16	4	11.7	197
Major	70	77.8	55	61.1	1	1	1	3.3	90
Marshall	149	80.1	109	58.6	5	8	1	7.5	186
Mayes	430	81.9	356	67.8	1	14	3	3.4	525
Murray	129	85.4	123	81.5	1	8	-	6.0	151
Muskogee	712	72.4	562	57.2	17	37	21	7.6	983
Noble	105	78.4	94	70.1	1	3	1	3.7	134
Nowata	95	77.2	73	59.3	-	3	2	4.1	123
Okfuskee	88	67.7	58	44.6	3	10	1	10.8	130
Oklahoma	8,959	78.8	7,395	65.0	148	360	123	5.5	11,374
Okmulgee	407	74.5	288	52.7	10	13	12	6.4	546
Osage	337	76.1	260	58.7	3	11	6	4.5	443
Ottawa	280	67.3	210	50.5	3	31	5	9.4	416
Pawnee	137	74.5	113	61.4	3	5	2	5.4	184
Payne	696	79.6	633	72.4	4	35	15	6.2	874
Pittsburg	396	74.9	323	61.1	9	28	1	7.2	529
Pontotoc	403	85.0	378	79.7	6	21	1	5.9	474
Pottawatomie	625	85.5	472	64.6	27	13	4	6.0	731
Pushmataha	102	75.6	67	49.6	1	9	-	7.4	135
Roger Mills	31	68.9	22	48.9	1	2	-	6.7	45
Rogers	761	82.4	636	68.8	8	14	10	3.5	924
Seminole	251	76.5	191	58.2	11	18	2	9.5	328
Sequoyah	405	73.0	338	60.9	8	17	19	7.9	555
Stephens	452	79.0	295	51.6	8	22	8	6.6	572
Texas	252	61.8	183	44.9	12	28	21	15.0	408
Tillman	103	83.7	87	70.7	1	3	2	4.9	123
Tulsa	6,264	72.4	4,919	56.9	94	351	182	7.3	8,647
Wagoner	609	77.9	479	61.3	10	19	14	5.5	782
Washington	509	88.5	387	67.3	4	9	2	2.6	575
Washita	84	64.1	59	45.0	2	5	3	7.6	131
Woods	74	82.2	59	65.6	1	2	-	3.3	90
Woodward	193	69.7	164	59.2	2	4	5	4.0	277
Unknown	3	-	1		1	-	-		4

[1] 1-3 pnc visits begining 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, 2000-2004

County	Low Birthweight < 2500 gms	Teen Births < 20 years	Beginning Prenatal Care 1st Trimester	Unmarried Births	Education < 12 grades	Previous births Age < 20 2+ births	Previous births Age > 19 4+ births	Infant deaths
State	19,643	36,839	186,228	91,526	58,467	1,167	9,183	1,989
Adair	170	428	1,321	847	665	14	79	18
Alfalfa	9	26	169	58	25	-	11	-
Atoka	59	137	610	260	159	3	21	9
Beaver	20	50	247	98	83	2	10	1
Beckham	117	239	864	536	251	7	37	8
Blaine	49	131	512	283	172	7	29	5
Bryan	165	438	1,959	995	639	21	61	18
Caddo	146	412	1,489	953	495	23	147	24
Canadian	415	602	4,800	1,530	787	30	189	46
Carter	246	548	2,785	1,261	911	25	144	17
Cherokee	211	532	2,031	1,246	856	11	115	22
Choctaw	85	252	828	498	280	6	39	12
Cimarron	7	24	109	49	53	3	13	2
Cleveland	863	1,206	10,585	3,209	1,529	17	285	77
Coal	23	69	281	125	105	3	23	8
Comanche	788	1,543	7,331	3,365	1,516	54	380	57
Cotton	30	60	321	131	66	-	9	2
Craig	81	162	679	343	214	8	26	6
Creek	374	725	2,960	1,524	1,039	25	163	32
Custer	138	290	1,395	655	394	6	51	8
Delaware	177	410	1,546	864	586	13	105	9
Dewey	17	32	179	81	42	-	20	3
Ellis	12	22	178	53	33	-	3	-
Garfield	344	606	3,301	1,606	890	19	173	43
Garvin	120	279	1,377	616	384	6	48	14
Grady	214	426	2,333	953	629	30	124	19
Grant	13	29	176	53	26	-	8	1
Greer	32	77	253	130	85	4	14	1
Harmon	14	48	145	93	69	5	6	3
Harper	12	24	142	59	38	-	8	2
Haskell	79	191	625	266	211	6	24	8
Hughes	66	151	612	363	218	3	34	10
Jackson	190	350	1,910	752	477	13	70	14
Jefferson	38	66	311	134	108	4	13	2
Johnston	46	134	507	240	155	3	11	-
Kay	268	578	2,365	1,438	932	10	142	25
Kingfisher	72	111	801	244	234	2	22	5
Kiowa	67	118	460	290	140	2	12	8
Latimer	48	124	424	221	164	3	17	8
Leflore	229	708	2,859	1,282	1,065	16	131	28

- Denotes no events in that category.

Table 9. Number of births by selected health indicators: Oklahoma and each County, 2000-2004

County	Low Birthweight < 2500 gms	Teen Births < 20 years	Beginning Prenatal Care 1st Trimester	Unmarried Births	Education < 12 grades	Previous births Age < 20 2+ births	Previous births Age > 19 4+ births	Infant deaths
State	19,643	36,839	186,228	91,526	58,467	1,167	9,183	1,989
Lincoln	139	330	1,430	635	419	9	58	16
Logan	158	227	1,601	626	307	4	69	15
Love	32	84	437	180	166	4	19	3
McClain	145	226	1,544	479	336	7	59	13
McCurtain	183	499	2,029	1,068	690	11	74	15
McIntosh	93	191	797	455	252	2	30	12
Major	41	37	312	89	66	1	11	7
Marshall	57	127	664	305	281	4	36	6
Mayes	215	445	2,039	838	629	15	83	16
Murray	79	140	619	259	188	5	21	6
Muskogee	368	824	3,500	1,993	1,368	24	184	30
Noble	45	88	562	226	137	1	21	3
Nowata	32	100	510	224	131	3	22	5
Okfuskee	42	136	470	299	198	1	37	4
Oklahoma	4,862	7,951	41,184	23,764	15,495	294	2,235	535
Okmulgee	207	483	2,012	1,138	649	15	101	31
Osage	176	376	1,747	837	448	9	86	15
Ottawa	154	378	1,409	861	524	18	92	15
Pawnee	85	153	719	304	241	5	46	4
Payne	251	482	2,999	1,122	591	4	108	25
Pittsburg	185	469	1,844	956	630	12	82	29
Pontotoc	203	385	1,953	897	532	10	66	21
Pottawatomie	359	756	3,484	1,808	1,055	28	159	43
Pushmataha	38	135	507	242	199	-	24	7
Roger Mills	23	28	132	82	30	-	4	2
Rogers	294	553	3,756	1,192	754	12	153	26
Seminole	153	393	1,365	934	507	16	109	18
Sequoyah	205	476	1,961	923	759	14	117	21
Stephens	191	392	2,081	817	534	20	70	17
Texas	138	315	1,188	675	864	9	85	14
Tillman	34	126	451	243	168	3	20	7
Tulsa	3,740	5,923	32,116	16,542	10,879	177	1,783	362
Wagoner	294	474	2,780	1,037	658	11	141	26
Washington	182	411	2,531	965	563	11	96	19
Washita	44	104	438	205	133	1	21	6
Woods	28	39	348	113	47	-	17	2
Woodward	113	223	926	487	313	3	25	11
Unknown	1	2	3	2	1	-	2	7

- Denotes no events in that category.

Table 10. Percent of births by selected health indicators: Oklahoma and each County, 2000-2004

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

County	Low Birthweight < 2500 gms	Teen Births < 20 years	Beginning Prenatal Care 1st Trimester	Unmarried Births	Education < 12 grades	Previous births Age < 20 2+ births	Previous births Age > 19 4+ births	Infant Mortality Rate
State	7.8	14.6	77.7	36.3	23.3	16.8	6.9	7.9
Adair	9.1	22.6	71.3	44.8	35.4	15.6	8.3	9.5
Alfalfa	4.2	12.3	81.3	27.4	11.8	**	8.3	-
Atoka	7.6	17.3	77.9	32.9	20.2	11.1	4.8	11.4
Beaver	6.1	15.0	76.5	29.4	25.0	**	5.2	++
Beckham	8.5	17.3	67.7	38.9	18.3	14.9	4.8	5.8
Blaine	7.5	19.9	80.8	43.0	26.2	24.1	8.0	7.6
Bryan	6.8	17.6	79.8	39.9	25.7	22.1	4.5	7.2
Caddo	6.9	19.4	74.0	44.9	23.4	22.8	12.3	11.3
Canadian	7.0	10.2	88.8	25.9	13.4	27.8	5.7	7.8
Carter	7.6	16.9	86.6	38.8	28.1	18.8	7.6	5.2
Cherokee	7.0	17.4	68.5	40.9	28.2	12.5	7.7	7.2
Choctaw	7.8	22.6	75.5	44.7	25.2	10.9	6.6	10.8
Cimarron	4.3	14.1	65.7	28.8	31.4	**	11.8	++
Cleveland	6.7	9.4	87.2	25.0	12.0	10.1	4.5	6.0
Coal	6.1	18.3	76.2	33.1	27.9	**	11.2	21.2
Comanche	8.3	16.2	84.9	35.4	16.0	16.9	7.4	6.0
Cotton	8.1	16.0	88.9	34.8	17.6	**	4.1	++
Craig	8.4	16.8	72.3	35.5	22.3	25.0	4.9	6.2
Creek	8.4	16.3	71.1	34.2	23.4	19.8	6.8	7.2
Custer	7.7	16.3	80.6	36.8	22.2	10.5	5.2	4.5
Delaware	8.0	18.5	72.3	39.0	26.8	18.3	8.5	4.1
Dewey	6.4	12.1	71.3	30.6	15.8	**	13.7	++
Ellis	5.4	9.8	80.9	23.7	14.7	**	2.1	-
Garfield	8.0	14.1	79.0	37.5	20.9	13.4	7.1	10.0
Garvin	6.7	15.5	80.6	34.2	21.4	14.3	5.0	7.8
Grady	7.1	14.1	80.3	31.5	20.9	37.0	7.5	6.3
Grant	5.9	13.1	81.1	24.0	11.8	**	6.6	++
Greer	10.1	24.2	81.9	40.9	26.7	**	7.8	++
Harmon	7.5	25.8	80.6	49.7	36.9	**	6.6	++
Harper	6.1	12.2	72.8	29.9	19.4	**	8.0	++
Haskell	9.6	23.2	76.5	32.4	25.8	12.2	5.5	9.7
Hughes	7.6	17.5	74.0	42.0	25.3	9.4	7.4	11.6
Jackson	8.4	15.4	88.1	33.1	21.1	16.3	5.6	6.2
Jefferson	9.8	16.7	79.9	33.9	27.3	**	5.5	++
Johnston	7.3	21.2	81.8	38.0	24.8	12.5	3.4	-
Kay	7.9	17.0	71.0	42.4	27.5	11.9	9.3	7.4
Kingfisher	7.8	12.0	90.4	26.3	25.3	**	4.3	5.4
Kiowa	10.7	18.8	75.2	46.1	22.4	**	3.4	12.7
Latimer	8.2	21.3	74.4	37.9	28.3	10.3	5.2	13.7
Leflore	6.2	19.1	78.8	34.6	28.9	11.5	6.3	7.5

++ 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, 2000-2004

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

County	Low Birthweight < 2500 gms	Teen Births < 20 years	Beginning Prenatal Care 1st Trimester	Unmarried Births	Education < 12 grades	Previous births Age < 20 2+ births	Previous births Age > 19 4+ births	Infant Mortality Rate
State	7.8	14.6	77.7	36.3	23.3	16.8	6.9	7.9
Lincoln	7.0	16.7	81.6	32.1	21.3	21.4	5.6	8.1
Logan	7.6	11.0	85.2	30.3	14.9	14.3	6.4	7.3
Love	6.1	15.7	82.1	33.7	31.1	**	5.8	++
McClain	7.5	11.7	85.4	24.8	17.5	20.0	5.6	6.7
McCurtain	7.5	20.2	83.7	43.3	28.0	10.8	5.3	6.1
McIntosh	8.3	17.2	72.6	40.8	22.6	5.4	4.8	10.8
Major	10.8	9.6	85.7	23.2	17.3	**	4.6	18.2
Marshall	6.7	14.7	78.2	35.5	32.8	17.4	7.1	7.0
Mayes	8.2	17.0	79.0	32.0	24.1	18.8	5.9	6.1
Murray	10.2	18.1	82.0	33.5	24.5	15.6	5.1	7.8
Muskogee	7.5	16.8	72.3	40.7	28.0	14.3	6.7	6.1
Noble	6.1	11.9	77.2	30.6	18.6	**	5.7	++
Nowata	5.1	15.8	82.4	35.4	20.7	**	5.8	7.9
Okfuskee	6.0	19.2	69.8	42.3	28.2	4.3	8.6	++
Oklahoma	8.6	14.0	78.6	41.8	27.5	19.6	7.9	9.4
Okmulgee	7.7	17.8	75.9	42.0	24.0	14.7	6.5	11.4
Osage	7.5	16.0	77.1	35.7	19.1	17.0	6.7	6.4
Ottawa	7.3	17.9	71.0	40.7	25.2	22.8	7.4	7.1
Pawnee	8.4	15.1	76.7	29.9	23.8	18.5	9.0	++
Payne	6.0	11.5	76.2	26.7	14.1	6.9	6.0	5.9
Pittsburg	7.2	18.3	72.9	37.4	24.7	14.6	5.7	11.3
Pontotoc	8.2	15.5	80.7	36.2	21.5	12.8	5.7	8.5
Pottawatomie	8.0	16.8	83.5	40.3	23.7	18.8	6.5	9.6
Pushmataha	5.8	20.4	77.3	36.6	30.1	-	6.4	10.6
Roger Mills	10.6	12.9	64.7	37.8	13.9	**	3.1	++
Rogers	6.3	11.8	81.5	25.5	16.1	15.2	5.9	5.6
Seminole	8.1	20.8	76.6	49.5	27.1	16.3	10.4	9.5
Sequoyah	7.6	17.5	73.9	34.0	28.1	15.6	7.5	7.7
Stephens	7.2	14.8	80.2	30.8	20.2	23.3	4.7	6.4
Texas	7.1	16.1	63.5	34.5	44.5	12.5	7.2	7.2
Tillman	6.2	22.7	84.3	43.8	30.5	10.3	6.5	12.6
Tulsa	8.1	12.8	71.9	35.6	23.5	16.1	7.2	7.8
Wagoner	7.8	12.6	75.9	27.6	17.5	11.5	6.4	6.9
Washington	6.2	14.0	87.5	32.8	19.1	15.7	5.6	6.5
Washita	6.8	16.0	70.8	31.5	20.5	**	5.4	9.2
Woods	6.5	9.0	82.9	26.1	10.9	**	7.7	++
Woodward	8.5	16.8	70.5	36.6	23.5	7.0	4.0	8.3

++ 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, 2000-2004

(Lowest rank indicates best value.)

County	Low Birthweight < 2500 gms	Teen Births < 20 years	Beginning Prenatal Care 1st Trimester	Unmarried Births	Education < 12 grades	Previous births Age < 20 2+ births	Previous births Age > 19 4+ births	Infant Mortality Rate
Adair	70	72	65	73	75	28	67	42
Alfalfa	1	14	23	11	2	**	67	++
Atoka	41	50	40	27	22	11	12	52
Beaver	9	26	46	14	47	**	18	++
Beckham	67	50	74	55	17	26	12	6
Blaine	35	66	26	69	54	51	65	30
Bryan	23	55	34	57	52	47	8	23
Caddo	25	65	55	74	36	48	76	50
Canadian	26	5	3	7	5	53	29	32
Carter	41	46	7	54	64	40	60	3
Cherokee	26	52	73	62	66	16	61	23
Choctaw	48	72	52	72	48	10	45	48
Cimarron	2	21	75	13	73	**	75	++
Cleveland	20	2	6	5	4	7	8	8
Coal	9	59	48	28	61	**	74	59
Comanche	61	37	11	39	11	35	55	8
Cotton	55	33	2	38	16	**	6	++
Craig	63	42	61	41	33	52	15	13
Creek	63	38	67	34	36	44	50	23
Custer	46	38	28	48	32	8	18	2
Delaware	52	61	61	56	56	38	69	1
Dewey	18	12	65	18	10	**	77	++
Ellis	4	4	25	2	8	**	1	++
Garfield	52	21	35	50	26	20	51	46
Garvin	20	29	28	34	30	21	16	32
Grady	29	21	31	21	26	54	58	15
Grant	6	18	24	3	2	**	45	++
Greer	73	76	19	62	55	**	63	++
Harmon	35	77	28	77	76	**	45	++
Harper	9	13	59	15	21	**	65	++
Haskell	71	75	46	25	53	15	23	45
Hughes	41	53	55	65	50	6	55	54
Jackson	63	28	4	28	28	33	25	13
Jefferson	72	40	33	32	58	**	23	++
Johnston	33	70	20	53	46	16	3	++
Kay	51	47	68	68	59	14	72	28
Kingfisher	48	11	1	9	50	**	7	4
Kiowa	76	62	53	75	34	**	3	56
Latimer	58	71	54	52	68	7	18	57
Leflore	14	63	37	37	69	12	38	29

++ 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, 2000-2004

(Lowest rank indicates best value.)

County	Low Birthweight < 2500 gms	Teen Births < 20 years	Beginning Prenatal Care 1st Trimester	Unmarried Births	Education < 12 grades	Previous births Age < 20 2+ births	Previous births Age > 19 4+ births	Infant Mortality Rate
Lincoln	26	40	21	24	29	46	25	37
Logan	41	6	10	17	9	21	39	27
Love	9	31	17	31	72	**	33	++
McClain	35	8	9	4	14	45	25	19
McCurtain	35	67	13	70	62	9	21	10
McIntosh	61	49	60	61	35	3	12	48
Major	77	3	8	1	13	**	10	58
Marshall	20	24	39	41	74	37	51	21
Mayes	58	47	35	23	43	40	35	10
Murray	74	58	18	30	44	28	17	32
Muskogee	35	42	61	59	62	21	48	10
Noble	9	10	42	18	18	**	29	++
Nowata	3	32	16	39	25	**	33	36
Okfuskee	7	64	72	67	66	2	70	++
Oklahoma	69	19	38	64	59	43	64	41
Okmulgee	46	56	50	65	42	25	42	52
Osage	35	33	43	44	19	36	48	16
Ottawa	33	57	68	59	48	48	55	22
Pawnee	63	27	44	15	41	39	71	++
Payne	7	7	48	10	7	4	37	7
Pittsburg	31	59	58	49	45	24	29	50
Pontotoc	58	29	27	45	31	19	29	39
Pottawatomie	52	42	14	58	40	40	42	44
Pushmataha	5	68	41	46	70	1	39	47
Roger Mills	75	17	76	51	6	**	2	++
Rogers	17	9	22	6	12	27	35	5
Seminole	55	69	45	76	57	33	73	42
Sequoyah	41	53	57	33	64	28	58	31
Stephens	31	25	32	20	22	50	11	16
Texas	29	36	77	36	77	16	53	23
Tillman	14	74	12	71	71	7	42	55
Tulsa	55	16	64	43	38	32	53	32
Wagoner	48	15	50	12	14	12	39	20
Washington	14	19	5	26	19	31	25	18
Washita	23	33	70	21	24	**	22	40
Woods	19	1	15	8	1	**	61	++
Woodward	67	42	71	46	38	5	5	38

++ 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, 2004

Resident city	Age of mother 10-14 years	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-54 years	Unk	Total
State	104	2,145	4,704	17,135	14,021	8,842	3,487	713	6	51,157
Ada	-	9	28	116	64	36	8	1	-	262
Altus	3	18	38	136	85	55	28	1	-	364
Alva	-	2	4	17	21	6	5	2	-	57
Anadarko	-	10	15	37	21	17	3	-	-	103
Antlers	-	6	12	21	6	-	1	1	-	47
Ardmore	-	31	47	159	117	55	21	3	-	433
Atoka	-	5	9	28	15	11	2	-	-	70
Bartlesville	1	10	36	154	126	73	28	9	-	437
Bethany	-	9	25	95	71	54	28	7	-	289
Bixby	-	3	4	49	77	74	25	11	-	243
Blackwell	-	5	11	54	23	14	6	-	-	113
Bristow	1	7	4	33	24	11	3	-	-	83
Broken Arrow	-	22	62	232	355	340	131	20	-	1,162
Broken Bow	-	8	17	30	17	14	1	1	-	88
Catoosa	-	4	5	21	18	5	3	2	-	58
Chandler	-	-	5	21	12	7	1	1	-	47
Checotah	-	-	9	21	9	3	1	-	-	43
Chickasha	2	11	28	117	62	29	10	-	-	259
Choctaw	-	6	16	48	58	34	18	4	-	184
Claremore	-	10	37	126	78	49	11	3	-	314
Cleveland	-	1	6	20	17	14	5	-	-	63
Clinton	-	13	24	59	41	17	8	2	-	164
Collinsville	-	-	10	39	47	39	17	5	-	157
Coweta	1	4	10	45	40	38	14	2	-	154
Cushing	-	7	17	39	28	21	2	1	-	115
Davis	-	1	6	16	10	4	1	-	-	38
Del City	-	14	48	141	91	39	14	2	-	349
Dewey	-	4	8	15	11	11	2	-	-	51
Drumright	-	1	5	23	8	2	-	-	-	39
Duncan	-	13	36	127	89	34	19	6	-	324
Durant	1	13	26	89	58	25	8	2	-	222
Edmond	-	11	30	209	450	426	176	26	-	1,328
El Reno	-	11	22	104	68	30	7	1	-	243
Elk City	-	11	23	70	51	14	9	4	-	182
Enid	6	24	68	299	238	116	42	14	-	807
Eufaula	-	2	4	13	3	3	-	-	-	25
Fairview	-	2	3	16	8	7	1	-	-	37
Fort Gibson	1	2	12	21	17	13	10	1	-	77
Frederick	-	8	10	30	14	9	4	-	-	75
Glenpool	-	4	6	40	39	31	22	2	-	144

- Denotes no events in that category.

Table 12. Number of births by age of mother: Oklahoma and selected cities, 2004

Resident city	Age of mother 10-14 years	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-54 years	Unk	Total
Grove	-	2	18	38	12	11	5	-	-	86
Guthrie	-	8	9	76	53	20	10	2	-	178
Guymon	1	20	21	100	67	44	15	2	-	270
Harrah	-	3	7	22	19	12	8	-	-	71
Healdton	-	-	5	20	8	9	-	-	-	42
Heavener	-	8	22	34	19	9	3	-	-	95
Henryetta	-	3	12	53	20	7	6	1	-	102
Hobart	-	-	6	18	15	7	2	-	-	48
Holdenville	-	5	11	32	25	11	3	-	-	87
Hollis	-	4	4	10	8	-	1	-	-	27
Hugo	-	10	18	47	18	14	2	1	-	110
Idabel	-	15	20	43	18	13	4	-	-	113
Jenks	-	3	3	18	76	72	28	7	-	207
Kingfisher	-	3	5	17	17	11	4	1	-	58
Lawton	1	64	187	618	379	192	77	13	-	1,531
Lindsay	-	3	4	16	11	7	-	-	-	41
Lone Grove	-	2	4	21	15	9	2	1	-	54
Madill	-	4	2	27	19	20	7	1	-	80
Mangum	-	3	9	18	6	4	1	-	-	41
Marlow	-	3	7	29	20	11	2	1	-	73
McAlester	2	11	35	95	54	42	16	2	-	257
Miami	1	7	20	89	44	22	5	-	-	188
Midwest City	1	28	71	316	248	108	47	6	-	825
Moore	1	17	41	236	244	141	46	8	-	734
Muldrow	1	1	9	27	12	6	3	1	-	60
Muskogee	2	27	63	229	154	91	30	7	-	603
Mustang	-	7	15	54	72	54	17	2	-	221
New Cordell	-	-	4	20	7	2	-	1	-	34
Newcastle	-	-	2	18	16	13	6	-	-	55
Nichols Hills	-	-	-	-	1	1	3	-	-	5
Noble	-	3	8	33	39	24	3	1	-	111
Norman	-	41	76	303	382	315	130	23	1	1,271
Nowata	-	4	9	17	12	4	3	-	-	49
Okemah	1	6	2	18	9	5	2	1	-	44
Oklahoma City	27	437	759	2,719	2,325	1,478	575	128	-	8,448
Okmulgee	1	8	38	73	53	23	6	4	-	206
Owasso	-	10	24	74	92	85	26	2	-	313
Pauls Valley	-	3	11	33	29	13	4	2	-	95
Pawhuska	-	2	8	17	22	2	2	2	-	55
Perry	-	2	5	32	19	6	4	-	-	68

- Denotes no events in that category.

Table 12. Number of births by age of mother: Oklahoma and selected cities, 2004

Resident city	Age of mother 10-14 years	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-54 years	Unk	Total
Piedmont	-	1	4	6	25	14	9	4	-	63
Pocola	-	-	3	16	15	5	3	-	-	42
Ponca City	-	27	37	129	111	55	19	6	-	384
Poteau	-	13	16	62	27	14	7	2	-	141
Pryor Creek	-	9	19	57	43	24	8	-	-	160
Purcell	-	2	8	36	26	20	4	2	-	98
Sallisaw	1	4	19	64	33	22	10	-	-	153
Sand Springs	1	8	17	107	73	36	17	4	-	263
Sapulpa	1	11	42	99	69	51	14	5	-	292
Sayre	1	-	1	19	12	1	2	-	-	36
Seminole	-	7	11	54	24	12	2	-	-	110
Shawnee	-	23	51	200	116	64	21	5	-	480
Skiatook	-	4	11	33	33	11	11	1	-	104
Spencer	-	4	10	24	25	10	3	-	-	76
Stigler	1	2	8	19	4	7	-	-	-	41
Stillwater	-	7	29	146	140	105	40	10	-	477
Stilwell	1	7	13	38	18	15	2	2	-	96
Stroud	-	2	1	16	6	5	1	-	-	31
Sulphur	-	3	8	34	13	12	3	1	-	74
Tahlequah	1	14	29	88	63	36	12	4	-	247
Tecumseh	-	7	7	33	16	13	9	-	-	85
The Village	-	-	1	3	8	4	1	-	-	17
Tishomingo	-	4	3	21	10	4	1	-	-	43
Tonkawa	-	2	2	11	11	3	2	2	-	33
Tulsa	20	307	590	2,058	1,695	1,182	492	109	-	6,453
Tuttle	-	1	4	25	21	14	9	-	-	74
Vinita	-	4	10	30	15	6	7	2	-	74
Wagoner	-	7	22	55	49	17	6	1	-	157
Walters	-	-	6	14	12	6	3	-	-	41
Warr Acres	-	1	5	21	15	12	5	3	-	62
Watonga	-	5	7	22	14	5	5	1	-	59
Weatherford	-	1	14	49	39	18	4	-	-	125
Wewoka	-	4	8	23	16	3	2	1	-	57
Wilburton	-	2	11	15	9	7	2	-	-	46
Woodward	-	8	31	78	47	33	9	1	-	207
Yukon	-	10	30	131	240	165	48	10	-	634
Other/Unk	22	535	1,256	4,709	3,682	2,133	891	183	5	13,416

- Denotes no events in that category.

Table 13. Number of births by race and Hispanic origin of mother: Oklahoma and selected cities, 2004

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

Resident city	Race of mother: White	Black	Am. Indian	Asian/ Pac Isl	Hispanic [1]	Total	2004 Population Estimate
State	39,944	4,689	5,387	1,137	5,981	51,157	3,523,553
Ada	184	14	60	4	17	262	15,840
Altus	306	42	5	11	109	364	20,393
Alva	56	-	-	1	1	57	4,934
Anadarko	37	6	60	-	15	103	6,563
Antlers	39	-	8	-	2	47	2,520
Ardmore	352	39	38	4	34	433	24,341
Atoka	50	7	12	1	3	70	3,024
Bartlesville	355	13	62	7	20	437	34,638
Bethany	250	25	8	6	44	289	19,871
Bixby	215	4	22	2	17	243	17,729
Blackwell	103	-	9	1	7	113	7,357
Bristow	59	9	12	3	-	83	4,324
Broken Arrow	988	56	62	56	62	1,162	84,399
Broken Bow	59	4	25	-	11	88	4,165
Catoosa	53	-	5	-	4	58	6,020
Chandler	43	4	-	-	-	47	2,858
Checotah	27	2	13	1	-	43	3,508
Chickasha	221	18	16	4	20	259	16,463
Choctaw	162	6	14	2	-	184	10,276
Claremore	238	2	68	6	14	314	16,994
Cleveland	56	2	5	-	2	63	3,242
Clinton	133	8	21	2	53	164	8,368
Collinsville	133	2	21	1	4	157	4,296
Coweta	130	6	18	-	6	154	8,135
Cushing	106	1	7	1	7	115	8,325
Davis	31	-	7	-	-	38	2,598
Del City	245	79	17	8	22	349	22,029
Dewey	40	1	10	-	2	51	3,289
Drumright	37	1	1	-	-	39	2,885
Duncan	295	10	18	1	34	324	22,207
Durant	183	2	36	1	26	222	14,780
Edmond	1,158	92	19	59	59	1,328	73,080
El Reno	183	13	46	1	27	243	15,952
Elk City	171	3	8	-	13	182	10,442
Enid	709	36	32	30	95	807	46,626
Eufaula	16	3	6	-	-	25	2,792
Fairview	37	-	-	-	3	37	2,634
Fort Gibson	56	1	20	-	3	77	4,238
Frederick	65	7	3	-	29	75	4,342
Glenpool	124	3	16	1	9	144	8,542

[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, 2004

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

Resident city	Race of mother: White	Black	Am. Indian	Asian/ Pac Isl	Hispanic [1]	Total	2004 Population Estimate
Grove	67	1	18	-	4	86	5,668
Guthrie	152	20	6	-	14	178	10,505
Guymon	265	1	2	2	167	270	10,730
Harrah	67	-	3	1	5	71	4,961
Healdton	37	-	5	-	3	42	2,787
Heavener	82	-	12	1	44	95	3,240
Henryetta	80	-	22	-	3	102	6,076
Hobart	43	3	2	-	7	48	3,823
Holdenville	56	3	28	-	4	87	5,619
Hollis	23	3	1	-	16	27	2,065
Hugo	70	25	15	-	2	110	5,568
Idabel	66	33	13	1	13	113	6,944
Jenks	179	10	11	7	10	207	12,079
Kingfisher	55	-	3	-	15	58	4,469
Lawton	979	362	121	69	215	1,531	88,214
Lindsay	33	1	7	-	2	41	2,881
Lone Grove	48	1	4	1	2	54	4,979
Madill	66	7	7	-	34	80	3,550
Mangum	40	1	-	-	5	41	2,732
Marlow	71	-	1	1	1	73	4,519
McAlester	211	12	33	1	14	257	17,783
Miami	121	3	48	16	4	188	13,464
Midwest City	581	187	24	33	63	825	54,822
Moore	645	24	40	25	55	734	46,208
Muldrow	49	-	11	-	5	60	3,150
Muskogee	375	95	126	7	57	603	38,846
Mustang	205	3	10	3	4	221	15,168
New Cordell	34	-	-	-	2	34	2,908
Newcastle	54	-	1	-	2	55	5,957
Nichols Hills	5	-	-	-	-	5	3,999
Noble	105	-	6	-	2	111	5,381
Norman	1,074	51	76	70	93	1,271	100,923
Nowata	30	-	19	-	-	49	3,982
Okemah	20	2	22	-	-	44	3,008
Oklahoma City	6,106	1,606	372	364	2,131	8,448	528,042
Okmulgee	130	36	40	-	5	206	12,854
Owasso	275	7	26	5	23	313	22,582
Pauls Valley	74	10	11	-	6	95	6,195
Pawhuska	32	1	22	-	1	55	3,557
Perry	64	1	3	-	1	68	5,125

[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, 2004

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

Resident city	Race of mother: White	Black	Am. Indian	Asian/ Pac Isl	Hispanic [1]	Total	2004 Population Estimate
Piedmont	62	-	1	-	1	63	4,358
Pocola	40	1	1	-	2	42	4,310
Ponca City	314	13	55	2	30	384	25,224
Poteau	119	3	18	1	19	141	8,024
Pryor Creek	123	2	35	-	5	160	9,173
Purcell	89	1	8	-	17	98	5,713
Sallisaw	111	2	38	2	7	153	8,536
Sand Springs	237	3	23	-	8	263	17,642
Sapulpa	236	11	43	2	7	292	19,803
Sayre	33	-	3	-	2	36	3,750
Seminole	73	7	29	1	6	110	6,895
Shawnee	357	20	102	1	22	480	29,746
Skiatook	81	-	23	-	1	104	6,087
Spencer	17	56	3	-	4	76	3,782
Stigler	38	1	2	-	2	41	2,792
Stillwater	391	21	25	40	17	477	40,731
Stilwell	36	-	55	5	13	96	3,416
Stroud	27	1	3	-	-	31	2,765
Sulphur	62	2	10	-	9	74	4,797
Tahlequah	135	1	107	4	31	247	15,710
Tecumseh	61	4	18	2	3	85	6,488
The Village	15	1	1	-	2	17	9,907
Tishomingo	34	3	5	1	3	43	3,158
Tonkawa	30	-	3	-	2	33	3,154
Tulsa	4,628	1,208	462	155	1,230	6,453	383,764
Tuttle	70	-	4	-	-	74	5,070
Vinita	47	3	23	1	2	74	5,949
Wagoner	114	13	30	-	4	157	7,866
Walters	37	-	4	-	3	41	2,583
Warr Acres	52	8	1	1	10	62	9,551
Watonga	43	4	12	-	8	59	4,033
Weatherford	117	-	6	2	11	125	9,736
Wewoka	20	12	25	-	-	57	3,432
Wilburton	38	1	7	-	2	46	2,940
Woodward	199	-	7	1	22	207	11,864
Yukon	572	8	27	27	23	634	21,596
Other/Unk	10,912	249	2,187	68	645	13,416	-

[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, 2004

Risk Factors	*Count*
Anemia (HCT < 30/HGB < 10)	750
Cardiac Disease	177
Lung Disease	244
Diabetes	1,561
Genital Herpes	301
Hydramnios/Oligohydramios	572
Hemoglobinopathy	9
Hypertension, Chronic	593
Hypertension, Preg. Assoc.	2,146
Eclampsia	221
Incompetent Cervix	107
Previous Infant > 4000 gms.	400
Previous Preterm Infant	668
Renal Disease	70
RH Sensitization	444
Uterine Bleeding	140
Other	10,405
Blank/Unknown	35,623
Risk Count	18,808
Patient Count	15,534

Complications	*Count*
Febrile (> 100 F)	361
Meconium, Moderate/Heavy	1,467
Pre. Ruptured Membrane	870
Abruptio Placenta	327
Placenta Previa	138
Other Excessive Bleeding	125
Seizures During Labor	23
Precipitious Labor < 3 hrs	697
Prolonged Labor > 20 hrs	250
Dysfunctional Labor	614
Breech/Malpresentation	1,689
Cephalopelvic Disproportion	1,015
Cord Prolapse	318
Anesthetic Complication	26
Fetal Distress	1,701
Other	6,962
Blank/Unknown	37,408
Complication Count	16,583
Patient Count	13,749

OB Procedures	*Count*
Amniocentesis	243
Electronic Fetal Monitor	46,136
Induction of Labor	13,181
Stimulation of Labor	5,074
Tocolysis	1,170
Ultrasound	32,073
Other	1,279
Blank/Unknown	2,152
Procedure Count	99,156
Patient Count	49,005

Delivery Method	*Count*
Vaginal	34,264
Vaginal after C-Section	377
Primary C-Section	9,000
Repeat C-Section	6,835
Forceps	822
Vacuum	1,952
Blank/Unknown	681
Type/Method Count	53,250
Deliveries Reported	50,476

Abnormal Conditions	*Count*
Anemia (HCT < 39/HGB < 13)	32
Birth Injury	56
Fetal Alcohol Syndrome	0
Hyline Membrane Disease/Rds.	667
Meconium Aspiration Syndrome	58
Assisted Ventilation (< 30 min.)	691
Assisted Ventilation (> 30 min.)	632
Seizures	11
Other	2,377
Blank/Unknown	47,706
Abnormal Count	4,524
Patient Count	3,451

Congenital Anomalies	*Count*
Anencephalus	3
Spina Bifida/Meningocele	5
Hydrocephalus	6
Microcephalus	1
Other Central Nervous System Anomalies	37
Heart Malformation	30
Other Circulatory/Respiratory	89
Rectal Atresia/Stenosis	5
Traceo-Esophageal Atresia	6
Omphalocele/Gastroschisis	23
Other Gastrointestinal Anomalies	43
Malformed Genitalia	24
Renal Agenesis	7
Other Urogenital Anomalies	72
Cleft Lip/Palate	39
Polydactyly/Syndactyly/Adactyly	26
Club Foot	29
Diaphragmatic Hernia	11
Other Musculoskeletal/Integumental Anomalies	77
Down's Syndrome	25
Other Chromosomal Anomalies	20
Other	274
Blank/Unknown	50,505
Anomaly Count	852
Patient Count	652
Total Births	51,157

Table 15. Number and percent of births by age of mother and selected characteristics: Oklahoma, 2004

Characteristic	Total	Age of mother 10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-54 years	Unk
Total	51,157	104	6,849	17,135	14,021	8,842	3,487	679	34	6
Race/ethnicity of mother										
White	39,944	66	4,906	13,008	11,262	7,198	2,906	566	26	6
Black	4,689	23	878	1,798	1,136	586	219	44	5	-
Am. Indian	5,387	15	1015	2111	1304	678	220	43	1	-
Asian/Pacific islander	1,137	-	50	218	319	380	142	26	2	-
Hispanic[1]	5,981	24	1,019	1,968	1,540	943	407	77	3	-
Marital status										
Married	31,469	5	1,573	8,867	10,266	7,275	2,909	545	27	2
Not married	19,678	99	5,276	8,264	3,751	1,565	578	134	7	4
Unknown	10	-	-	4	4	2	-	-	-	-
Percent Not Married	38.5	95.2	77.0	48.2	26.8	17.7	16.6	19.7	20.6	66.7
Education of mother										
0-8 years	2,408	83	531	697	528	360	175	33	1	-
9-11 years	9,228	20	3,373	3,507	1,499	595	191	40	3	-
12 years	19,045	-	2,556	8,263	4,822	2,269	930	191	10	4
13-15 years	10,359	-	344	3,633	3,426	2,039	771	141	5	-
16+ years	9,891	-	2	946	3,696	3551	1,407	272	15	2
Unknown	226	1	43	89	50	28	13	2	0	0
Percent less than 12 years education	22.8	100.0	57.4	24.7	14.5	10.8	10.5	10.8	11.8	0.0
Birthweight										
< 1500 grams	649	6	108	193	146	119	58	18	1	-
1500-2499 grams	3,448	6	516	1,120	883	587	263	68	5	-
2500-3999 grams	43,168	90	5,861	14,688	11,854	7,335	2,786	521	27	6
4000 and over	3,850	2	355	1,119	1,128	799	376	70	1	-
Unknown	42	-	9	15	10	2	4	2	-	-
Percent < 1500 grams	1.3	5.8	1.6	1.1	1.0	1.3	1.7	2.7	2.9	-
Percent < 2500 grams	8.0	11.5	9.1	7.7	7.3	8.0	9.2	12.7	17.6	-
Plurality										
Single birth	49,731	104	6,753	16,747	13,592	8,504	3,342	655	30	4
Multiple birth	1,400	-	93	378	421	333	145	24	4	2
Unknown	26	-	3	10	8	5	-	-	-	-
Live-birth order										
1st birth	19,913	104	5,401	7,537	4,259	1,900	590	112	9	1
2nd birth	16,044	-	1,211	5,927	4,729	2,929	1,066	176	5	1
3rd birth	9,223	-	194	2,624	3,122	2,268	854	154	6	1
4th birth	3,772	-	29	792	1,258	1,030	558	102	2	1
5th or more	2,111	-	3	229	624	696	412	133	12	2
Unknown	94	-	11	26	29	19	7	2	-	-
Trimester prenatal care began										
1st trimester	38,758	45	4,401	12,370	11,250	7,317	2,808	535	27	5
2nd trimester	8,526	30	1,694	3,290	1,921	1,027	468	91	4	1
3rd trimester	1,671	13	345	658	357	184	94	20	-	-
No care	668	6	122	252	143	93	37	14	1	-
Unknown	1,534	10	287	565	350	221	80	19	2	-
Percent 1st Trimester Care	78.1	47.9	67.1	74.7	82.3	84.9	82.4	81.1	84.4	83.3

[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, 2004

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	51,157	104	6,849	17,135	14,021	8,842	3,487	679	34	6
Number of prenatal care visits										
No visits	711	7	134	260	152	102	39	16	1	-
1-4 visits	2,082	14	409	829	425	258	127	20	-	-
5-9 visits	12,539	41	2,125	4,539	3,081	1,804	781	158	5	5
10-12 visits	21,304	26	2,581	6,878	6,093	3,906	1,519	283	17	1
13+ visits	13,368	8	1,387	4,197	4,002	2,614	961	190	9	-
Unknown	1,153	8	213	432	268	158	60	12	2	-
Percent with 10 or more visits	69.3	35.4	59.8	66.3	73.4	75.1	72.4	70.9	81.3	16.7
Adequacy of prenatal care										
1st trimester and 10 or more visits	31,237	24	3,313	9,760	9,304	6,079	2,295	437	24	1
Intermediate care	15,418	49	2665	5646	3757	2171	936	182	7	5
Little care	629	2	117	254	110	94	45	7	-	-
Late care	1,671	13	345	658	357	184	94	20	-	-
No care	668	6	122	252	143	93	37	14	1	-
Unknown	1,534	10	287	565	350	221	80	19	2	-
Percent 1st trimester and 10 or more visits	62.9	25.5	50.5	58.9	68.1	70.5	67.4	66.2	75.0	16.7
Percent late, little, or no care	6.0	22.3	8.9	7.0	4.5	4.3	5.2	6.2	3.1	-
Tobacco use during pregnancy										
No	42,486	93	5,477	13,449	11,938	7,837	3,078	584	27	3
Yes	8,206	5	1,289	3,487	1,987	951	389	89	6	3
Unknown	465	6	83	199	96	54	20	6	1	-
Percent with tobacco use	16.2	5.1	19.1	20.6	14.3	10.8	11.2	13.2	18.2	50.0
Alcohol use during pregnancy										
No	50,353	98	6,737	16,811	13,856	8,722	3,433	657	33	6
Yes	313	-	26	116	67	57	32	15	-	-
Unknown	491	6	86	208	98	63	22	7	1	-
Percent with alcohol use	0.6	0.0	0.4	0.7	0.5	0.6	0.9	2.2	0.0	0.0

[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, 2004

		Race of mother				
Characteristic	*Total*	*White*	*Black*	*Am. Indian*	*Asian Pac Isl*	*Hispanic* [1]
Total	51,157	39,944	4,689	5,387	1,137	5,981
Age of mother						
10-14 years	104	66	23	15	-	24
15-19 years	6,849	4,906	878	1,015	50	410
20-24 years	17,135	13,008	1,798	2,111	218	609
25-29 years	14,021	11,262	1,136	1,304	319	1,968
30-34 years	8,842	7,198	586	678	380	1,540
35-39 years	3,487	2,906	219	220	142	943
40-44 years	679	566	44	43	26	407
45-54 years	34	26	5	1	2	77
Unknown	6	6	-	-	-	3
Marital Status						
Married	31,469	26,595	1,329	2,590	955	3,221
Not married	19,678	13,340	3,360	2,797	181	2,758
Unknown	10	9	-	-	1	2
Percent not married	38.5	33.4	71.7	51.9	15.9	46.1
Education of mother						5,981
0-8 years	2,408	2,133	80	162	33	1,555
9-11 years	9,228	6,856	970	1,315	87	1,877
12 years	19,045	14,338	2,027	2,346	334	1,648
13-15 years	10,359	8,060	1,112	969	218	538
16+ years	9,891	8,401	476	553	461	317
Unknown	226	156	24	42	4	46
Percent less than 12 years education	22.8	22.6	22.5	27.6	10.6	57.8
Birthweight						5,981
< 1500 grams	649	460	120	60	9	57
1500-2499 grams	3,448	2,602	477	301	68	338
2500-3999 grams	43,168	33,768	3,905	4,489	1,006	5,083
4000 and over	3,850	3,083	181	533	53	492
Unknown	42	31	6	4	1	11
Percent < 1500 grams	1.3	1.2	2.6	1.1	0.8	1.0
Percent < 2500 grams	8.0	7.7	12.7	6.7	6.8	6.6
Plurality						
Single birth	49,731	38,811	4,552	5,253	1,115	5,859
Multiple birth	1,400	1,116	134	129	21	118
Unknown	26	17	3	5	1	4
Live-birth order	51,157					
1st birth	19,913	15,519	1,762	2,092	540	2,120
2nd birth	16,044	12,765	1,303	1,595	381	1,743
3rd birth	9,223	7,296	832	967	128	1,177
4th birth	3,772	2,819	448	447	58	551
5th birth	2,111	1,469	339	274	29	372
Unknown	94	76	5	12	1	18

[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, 2004

Characteristic	Total	Race of mother: White	Black	Am. Indian	Asian Pac Isl	Hispanic [1]
Total	51,157	39,944	4,689	5,387	1,137	5,981
Trimester prenatal care began						
1st trimester	38,758	30,920	3,233	3,697	908	3,733
2nd trimester	8,526	6,223	972	1,152	179	1,633
3rd trimester	1,671	1,162	192	291	26	288
No care	668	486	95	83	4	132
Unknown	1,534	1,153	197	164	20	195
Percent 1st trimester care	78.1	79.7	72.0	70.8	81.3	64.5
Number of prenatal care visits						
No visits	711	518	99	90	4	138
1-4 visits	2,082	1,380	267	390	45	354
5-9 visits	12,539	9,397	1,307	1,543	292	2,067
10-12 visits	21,304	16,972	1,814	2,007	511	2,259
13+ visits	13,368	10,808	1,039	1,251	270	1,008
Unknown	1,153	869	163	106	15	43
Percent with 10 or more visits	69.3	71.1	63.0	61.7	69.6	56.1
Adequacy of prenatal care						
1st trimester and 10 or more visits	31,237	25,181	2,504	2,835	717	2,740
Intermediate care	15,418	11,564	1,610	1,894	350	2,521
Little care	629	398	91	120	20	105
Late care	1,671	1,162	192	291	26	288
No care	668	486	95	83	4	132
Unknown	1,534	1153	197	164	20	195
Percent 1st trimester and 10 or more visits	62.9	64.9	55.7	54.3	64.2	47.4
Perent late, little, or no care	6.0	5.3	8.4	9.5	4.5	9.1
Tobacco use during pregnancy						
No	42,486	33,023	3,995	4,380	1,088	5,695
Yes	8,206	6,580	620	959	47	216
Unknown	465	341	74	48	2	70
Percent with tobacco use	16.2	16.6	13.4	18.0	4.1	3.7
Alcohol use during pregnancy						
No	50,353	39,347	4,576	5,299	1,131	5,892
Yes	313	237	37	36	3	17
Unknown	491	360	76	52	3	72
Percent with alcohol use	0.6	0.6	0.8	0.7	0.3	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, 2004

Characteristic	Total	Birthweight: < 1500 grams	1500-2499 grams	2500-3999 grams	4000 grams or more	Unk	Total: < 2500 grams Number	Percent
Total	51,157	649	3,448	43,168	3,850	42	4,097	8.0
Race/ethnicity of mother								
White	39,944	460	2,602	33,768	3083	31	3,062	7.7
Black	4,689	120	477	3,905	181	6	597	12.7
American Indian	5,387	60	301	4,489	533	4	361	6.7
Asian/Pacific Islander	1,237	9	68	1,106	53	1	77	6.2
Hispanic[1]	5,981	57	338	5,083	492	11	395	6.6
Age of mother								
10-14 years	104	6	6	90	2	-	12	11.5
15-19 years	6,849	108	516	5,861	355	9	624	9.1
20-24 years	17,135	193	1,120	14,688	1,119	15	1,313	7.7
25-29 years	14,021	146	883	11,854	1,128	10	1,029	7.3
30-34 years	8,842	119	587	7,335	799	2	706	8.0
35-39 years	3,487	58	263	2,786	376	4	321	9.2
40-44 years	679	18	68	521	70	2	86	12.7
45-54 years	34	1	5	27	1	-	6	17.6
Unknown	6	-	-	6	-	-	0	0.0
Marital Status								
Married	30,469	339	1,893	26,555	1,667	15	2,232	7.3
Not married	19,678	310	1,554	16,605	1,182	27	1,864	9.5
Unknown	10	-	1	8	1	-	-	0.0
Education of mother								
0-8 years	2,408	36	171	2,015	183	3	207	8.6
9-11 years	9,228	140	780	7,790	506	12	920	10.0
12 years	19,045	242	1,332	16,084	1,371	16	1,574	8.3
13-15 years	10,359	116	626	8,736	876	5	742	7.2
16+ years	9,891	109	520	8,356	901	5	629	6.4
Unknown	226	6	19	187	13	1	25	11.1
Plurality								
Single birth	432,931	519	2,752	425,778	3,843	39	3,271	0.8
Multiple birth	1,400	130	695	568	4	3	825	59.1
Unknown	26	-	1	22	3	-	-	0.0
Live-birth order								
1st birth	19,913	293	1,361	16,943	1,302	14	1,654	8.3
2nd birth	16,044	162	949	13,664	1,258	11	1,111	6.9
3rd birth	9,288	106	609	7,725	775	73	715	7.8
4th birth	3,777	60	296	3,111	302	8	356	9.4
5th birth	2,111	27	226	1,654	200	4	253	12.0
Unknown	94	1	7	71	13	2	8	8.7
Gestational age								
< 37 weeks	6,208	584	1,919	3,558	129	18	2,503	40.4
37-39 weeks	26,646	13	1,028	23,809	1,785	11	1,041	3.9
40 weeks or more	16,172	8	300	14,049	1,811	4	308	1.9
Unknown	2,131	44	201	1,752	125	9	245	11.5

[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, 2004

Characteristic	Total	Birthweight: < 1500 grams	1500-2499 grams	2500-3999 grams	4000 grams or more	Unk	Total: < 2500 grams Number	Percent
Total	51,157	649	3,448	43,168	3,850	42	4,097	8.0
Trimester prenatal care began								
1st trimester	38,758	471	2,437	32,779	3,052	19	2,908	7.5
2nd trimester	8,526	84	655	7,225	551	11	739	8.7
3rd trimester	1,671	10	102	1,444	112	3	112	6.7
No care	668	50	92	484	41	1	142	21.3
Unknown	1,534	34	162	1,236	94	8	196	12.8
Number of prenatal care visits								
No visits	711	55	99	514	42	1	154	21.7
1-4 visits	2082	137	215	1604	116	10	352	17.0
5-9 visits	12539	290	1162	10308	772	7	1,452	11.6
10-12 visits	21304	94	1167	18407	1627	9	1,261	5.9
13+ visits	13368	50	673	11415	1222	8	723	5.4
Unknown	1153	23	132	920	71	7	155	13.5
Adequacy of prenatal care								
1st trimester and 10 or more visits	31,237	130	1,653	26,846	2,595	13	1,783	5.7
Intermediate care	15,418	358	1,366	12,700	982	12	1,724	11.2
Little care	599	67	43	458	26	5	110	18.5
Late care	1,671	10	102	1,444	112	3	112	6.7
No care	668	50	92	484	41	1	142	21.3
Unknown	1,534	34	162	1,236	94	8	196	12.8
Percent 1st trimester and 10 or more visits	63.0	21.1	50.8	64.0	69.1	38.2	46.1	9.0
Perent late, little, or no care	5.9	20.7	7.3	5.7	4.8	26.5	9.4	73.4
Tobacco use during pregnancy								
No	42,486	534	2,555	35,831	3,533	33	3,089	7.3
Yes	8,206	108	846	6,957	288	7	954	11.6
Unknown	465	7	47	380	29	2	54	11.7
Alcohol use during pregnancy								
No	50,353	638	3367	42499	3810	39	4,005	8.0
Yes	313	4	32	267	10	0	36	11.5
Unknown	491	7	49	402	30	3	56	11.5

[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, 2004

Characteristic	*All births all ages*	*10-14 years*	*15-17 years*	*<18 years*	*18-19 years*	*15-19 years*	*<20 years*
Total	51,157	96	2,110	2,206	4,843	6,953	7,049
Race/ethnicity of mother							
White	39,944	66	1,468	1,534	3,438	4,906	4,972
Black	4,689	23	318	341	560	878	901
American Indian	5,387	15	339	354	676	1,015	1,030
Asian/Pacific Islander	1,137	-	20	20	30	50	50
Hispanic1	5,981	24	410	434	609	1,019	972
Education of mother							
0-8 years	2,408	83	296	379	235	531	614
9-11 years	9,228	20	1,570	1,590	1,803	3,373	3,393
12 years	19,045	0	254	254	2,302	2,556	2,556
13-15 years	10,359	0	9	9	335	344	344
16+ years	9,891	0	0	0	2	-	2
Unknown	226	1	16	17	20	36	37
Marital Status							
Married	31,469	5	290	295	1,283	1,737	1,578
Not married	19,678	99	1,855	1,954	3,421	5,276	5,375
Unknown	10	0	0	0	0	0	0
Percent Not Married	38.5	95.2	86.5	86.9	72.7	75.2	77.3
Trimester prenatal care began							
1st trimester	38,758	45	1,279	1,324	3,122	4,401	4,446
2nd trimester	8,526	30	606	636	1,088	1,694	1,724
3rd trimester	1,671	13	119	132	226	345	358
No care	668	6	57	63	65	122	128
Unknown	1,534	10	84	94	203	287	297
Percent 1st Trimester Care	78.1	47.9	62.1	61.4	69.4	67.1	66.8
Number of prenatal care visits							
No visits	711	7	59	66	75	134	141
1-4 visits	2,082	14	146	160	263	409	423
5-9 visits	12,539	41	691	732	1,434	2,125	2,166
10-12 visits	21,304	26	817	843	1,764	2,581	2,607
13+ visits	13,368	8	368	376	1,019	1,387	1,395
Unknown	1,153	8	64	72	149	213	221
Percent with 10 or more visits	69.3	35.4	56.9	56.0	61.1	59.8	59.4
Adequacy of prenatal care							
1st trimester and 10 or more visits	31,237	24	954	978	2,359	3,313	3,337
Intermediate care	15,418	49	886	935	1,779	2,665	2,714
Little care	629	2	45	47	72	117	119
Late care	1,671	13	119	132	226	345	358
No care	668	6	57	63	65	122	128
Unknown	1,534	10	84	94	203	287	297
Percent 1st trimester and 10 or more visits	62.9	25.5	46.3	45.4	52.4	50.5	50.1
Perent late, little, or no care	6.0	22.3	10.7	11.2	8.1	8.9	9.1

- Denotes no events in that category.

Table 18. Number and percent of births to teens by age group and selected characteristics: Oklahoma, 2004

Characteristic	*All births all ages*	*10-14 years*	*15-17 years*	*<18 years*	*18-19 years*	*15-19 years*	*<20 years*
Total	51,157	96	2,110	2,206	4,843	6,953	7,049
Birthweight							
< 1500 grams	649	6	40	46	68	108	114
1500-2499 grams	3,448	6	184	190	332	516	522
2500-3999 grams	43,168	90	1,817	1,907	4,044	5,861	5,951
4000 and over	3,850	2	102	104	253	355	357
Unknown	42	0	2	2	7	9	9
Percent < 1500 grams	1.3	5.8	1.9	2.0	1.4	1.6	1.6
Percent < 2500 grams	8.0	11.5	10.5	10.5	8.5	9.1	9.2

- Denotes no events in that category.

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, 1975-2004

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

	Short birth interval		*Previous births*				
Year	*< 18 months*	*< 24 months*	*Age < 20: 2+ births*	*Age > 19: 4+ births*	*Number of teen births*	*% of births to women < 20 years*	*Fertility rate ages 15-19*
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	59.4
2001	17.6	31.5	17.5	6.7	7,572	15.1	58.2
2002	17.9	32.2	16.9	6.9	7,415	14.7	57.6
2003	18.4	32.5	16.7	7.1	7,068	13.9	56.0
2004	17.4	31.4	15.7	7.1	6,953	13.6	55.5

Table 20. Number of teen births and age-specific birth rates by age and race of mother: Oklahoma, 1975-2004

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

	10-14 Years		*15-17 Years*		*18-19 Years*		*Race of mother: Ages 15-19*				
Year	*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	46.1	6,453	113.4	68.5	123.7	99.3		74.5
1981	134	1.2	3,414	42.8	6,662	114.4	70.3	109.4	92.2		73.0
1982	133	1.1	3,523	43.5	7,096	119.9	76.2	91.2	96.5		75.8
1983	148	1.3	3,302	41.1	6,564	111.6	71.6	96.6	89.7		70.9
1984	164	1.4	3,025	39.2	5,618	99.4	64.8	92.1	77.1		64.7
1985	150	1.3	2,997	40.6	5,263	97.2	64.2	97.2	72.9		64.6
1986	133	1.2	2,848	40.0	4,913	94.0	61.2	97.8	71.6		62.9
1987	145	1.3	2,772	40.2	4,731	93.3	59.7	100.7	72.0		62.7
1988	141	1.3	2,710	40.2	4,710	95.0	58.5	106.4	78.7		63.5
1989	120	1.1	2,596	39.3	5,020	103.1	60.6	114.8	81.0		66.4
1990	113	1.0	2,531	38.9	5,075	105.8	61.2	117.9	79.4		67.3
1991	166	1.5	2,708	41.3	5,273	109.1	62.4	128.8	89.9		70.1
1992	153	1.3	2,751	41.5	5,046	103.2	62.0	115.2	82.0		67.7
1993	143	1.2	2,744	41.1	4,993	101.3	60.5	112.2	86.0		66.6
1994	150	1.3	2,823	41.9	4,784	96.1	58.9	108.5	85.1		66.2
1995	158	1.3	2,763	41.2	4,785	97.6	58.6	103.2	83.2		65.2
1996	145	1.2	2,758	41.0	4,939	96.5	61.7	89.9	83.5		64.6
1997	139	1.1	2,819	38.0	5,146	104.1	57.6	96.7	90.0		65.6
1998	120	1.0	2,704	34.6	5,174	101.8	54.9	84.5	84.5		61.0
1999	131	1.1	2,514	32.5	5,169	96.9	54.5	81.4	67.5		58.8
							2000 NCHS pop est with bridged racial categories				
2000	120	1.0	2,492	32.3	5,219	98.7	54.4	83.8	75.2	25.8	59.4
2001	105	0.9	2,322	30.9	5,145	96.8	53.8	77.3	74.0	25.2	58.2
2002	113	0.9	2,216	29.7	5,086	97.3	54.8	72.7	67.0	20.0	57.6
2003	95	0.8	2,118	28.9	4,855	94.5	52.4	71.5	69.6	21.9	56.0
2004	104	0.9	2,145	29.7	4,704	91.7	52.6	67.4	67.4	24.2	55.5

[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, 1975-2004

	Race of mother				*Birthweight*		*Education*	*Not married*	
Year	*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

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.

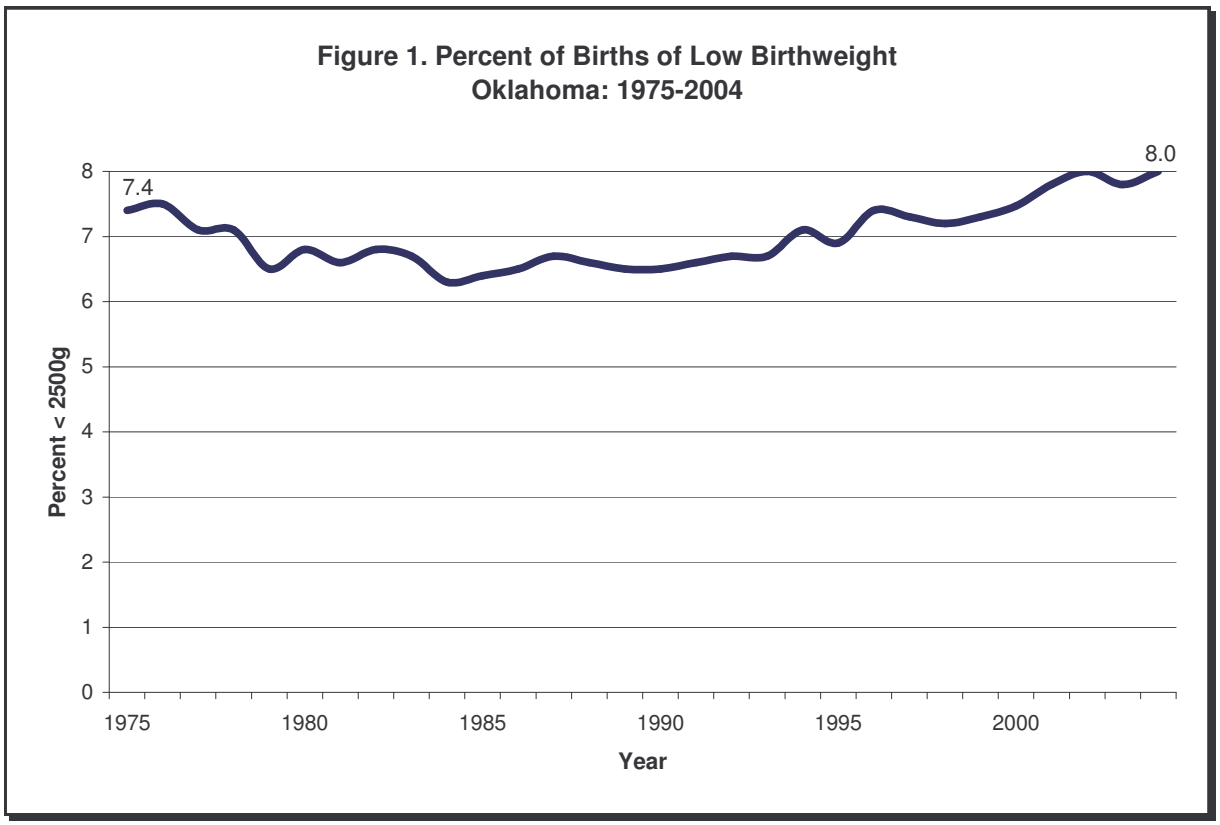


Figure 1. Percent of Births of Low Birthweight
Oklahoma: 1975-2004
Percent < 2500g
Year
7.4
8.0
0
1
2
3
4
5
6
7
8
1975
1980
1985
1990
1995
2000

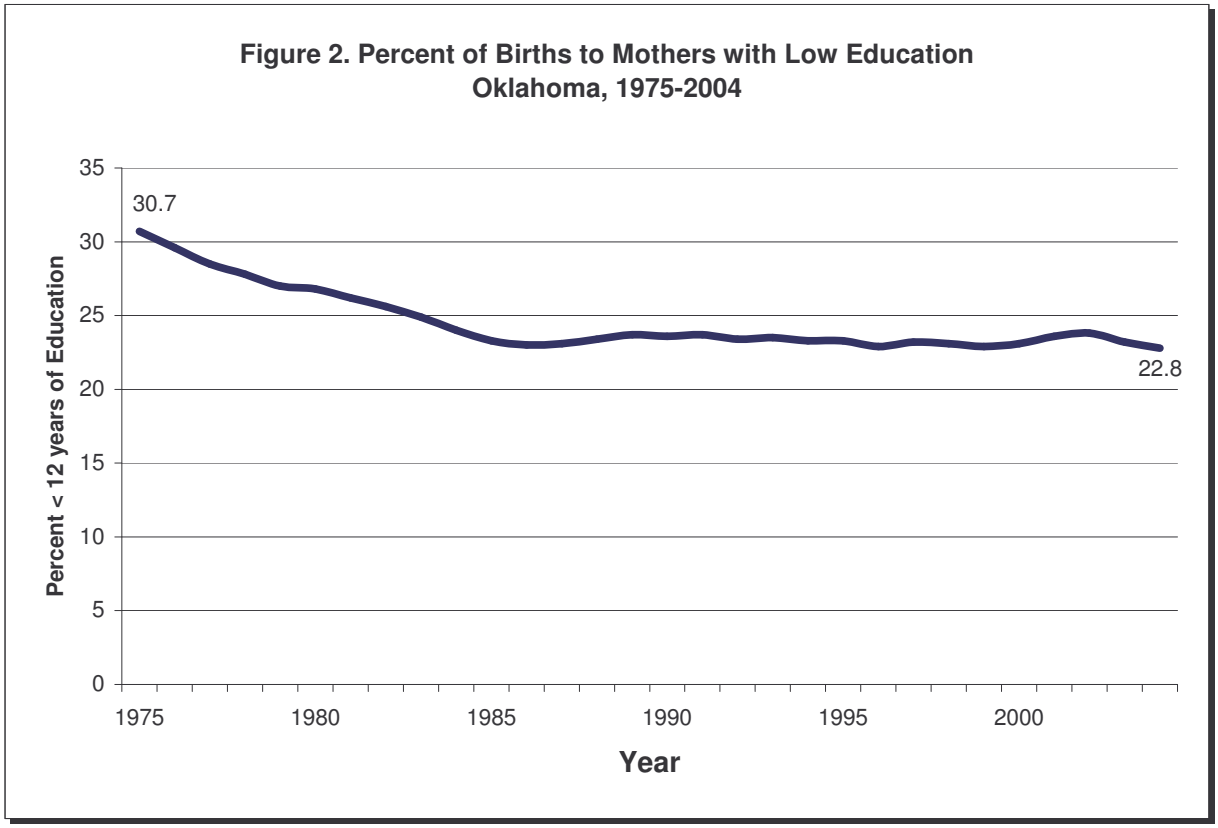


Figure 2. Percent of Births to Mothers with Low Education
Oklahoma, 1975-2004
Percent < 12 years of Education
Year
30.7
22.8
0
5
10
15
20
25
30
35
1975
1980
1985
1990
1995
2000

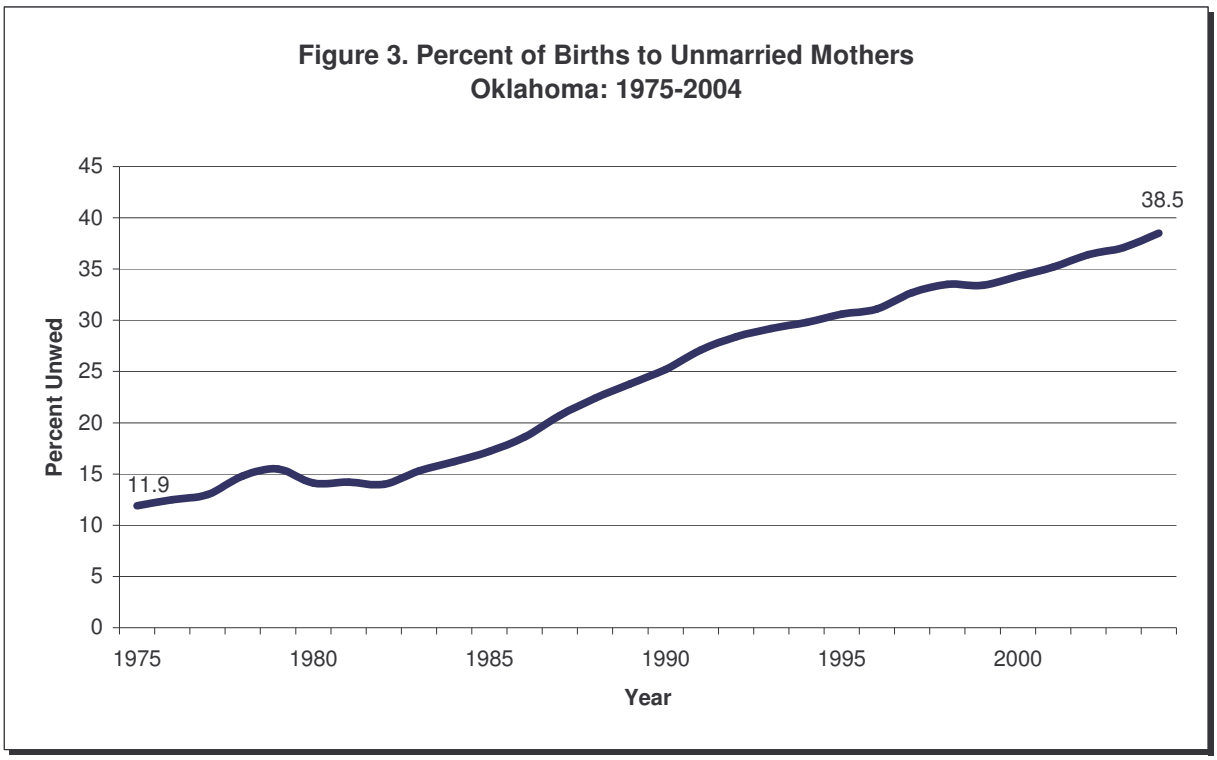


Figure 3. Percent of Births to Unmarried Mothers
Oklahoma: 1975-2004
Percent Unwed
45
40
35
30
25
20
15
10
5
0
38.5
11.9
1975
1980
1985
1990
1995
2000
Year

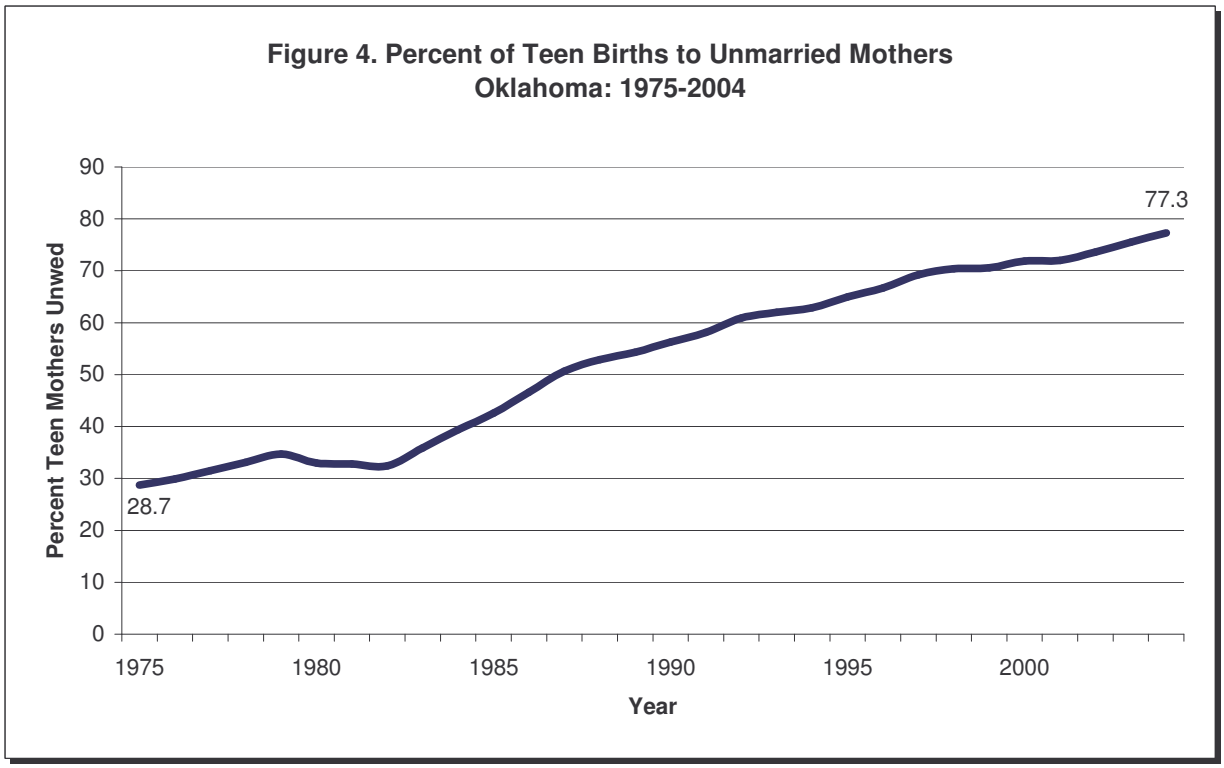


Figure 4. Percent of Teen Births to Unmarried Mothers
Oklahoma: 1975-2004
Percent Teen Mothers Unwed
90
80
70
60
50
40
30
20
10
0
77.3
28.7
1975
1980
1985
1990
1995
2000
Year

Table 22. Percent of births by first trimester and adequacy of prenatal care: Oklahoma, 1975-2004

Year	*1st trimester*	*1st trimester & 10 or more prenatal visits*	*Late[1] prenatal care*	*Little[2] prenatal care*	*No prenatal care*	*Total births*
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

[1]Prenatal care beginning in the third trimester of pregnancy.

[2]Prenatal care beginning in the first or second trimester and less than four prenatal care visits.

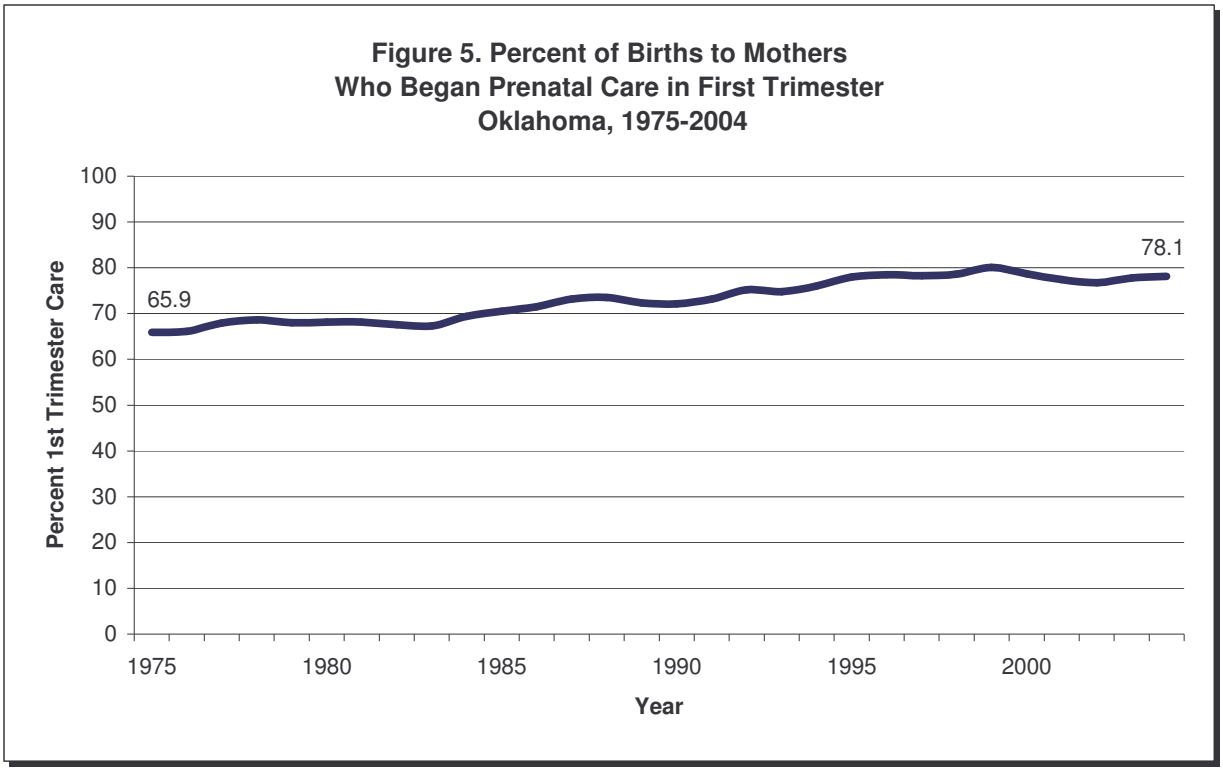


Figure 5. Percent of Births to Mothers
Who Began Prenatal Care in First Trimester
Oklahoma, 1975-2004
Percent 1st Trimester Care
100
90
80
70
60
50
40
30
20
10
0
65.9
78.1
1975
1980
1985
1990
1995
2000
Year

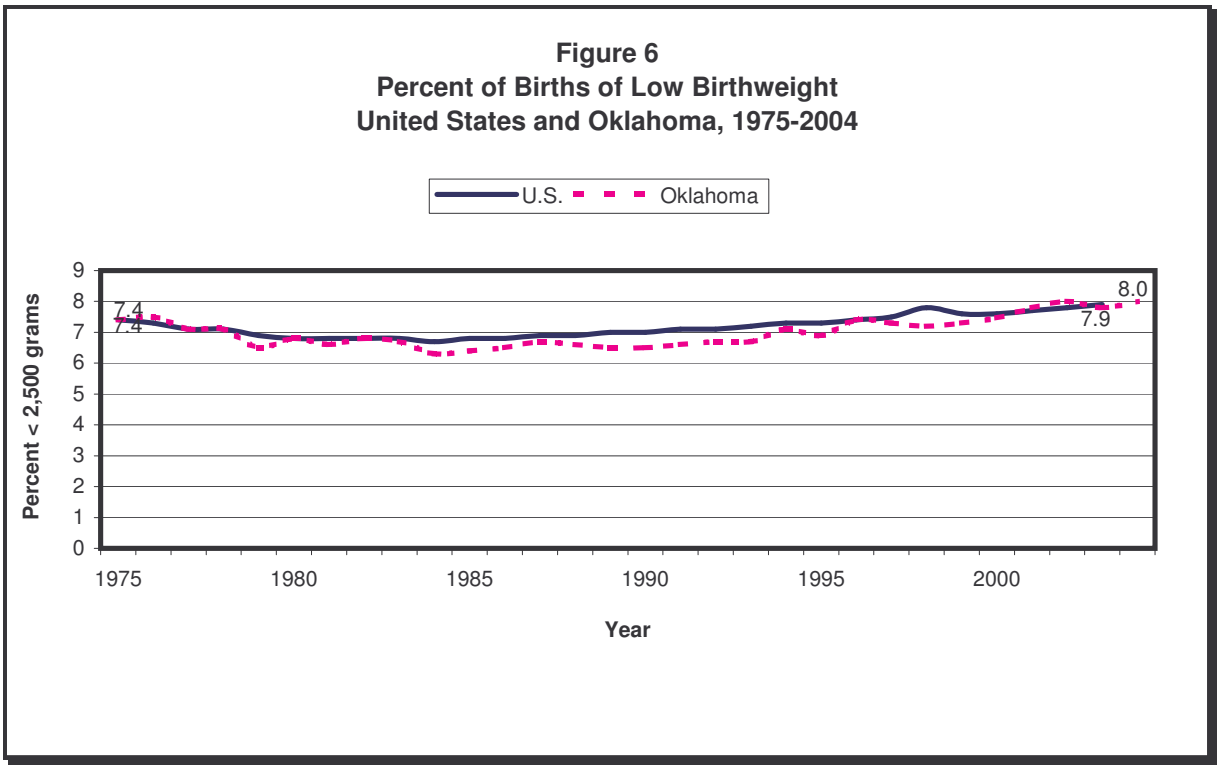


Figure 6
Percent of Births of Low Birthweight
United States and Oklahoma, 1975-2004
U.S.
Oklahoma
Percent < 2,500 grams
9
8
7
6
5
4
3
2
1
0
7.4
7.4
8.0
7.9
1975
1980
1985
1990
1995
2000
Year

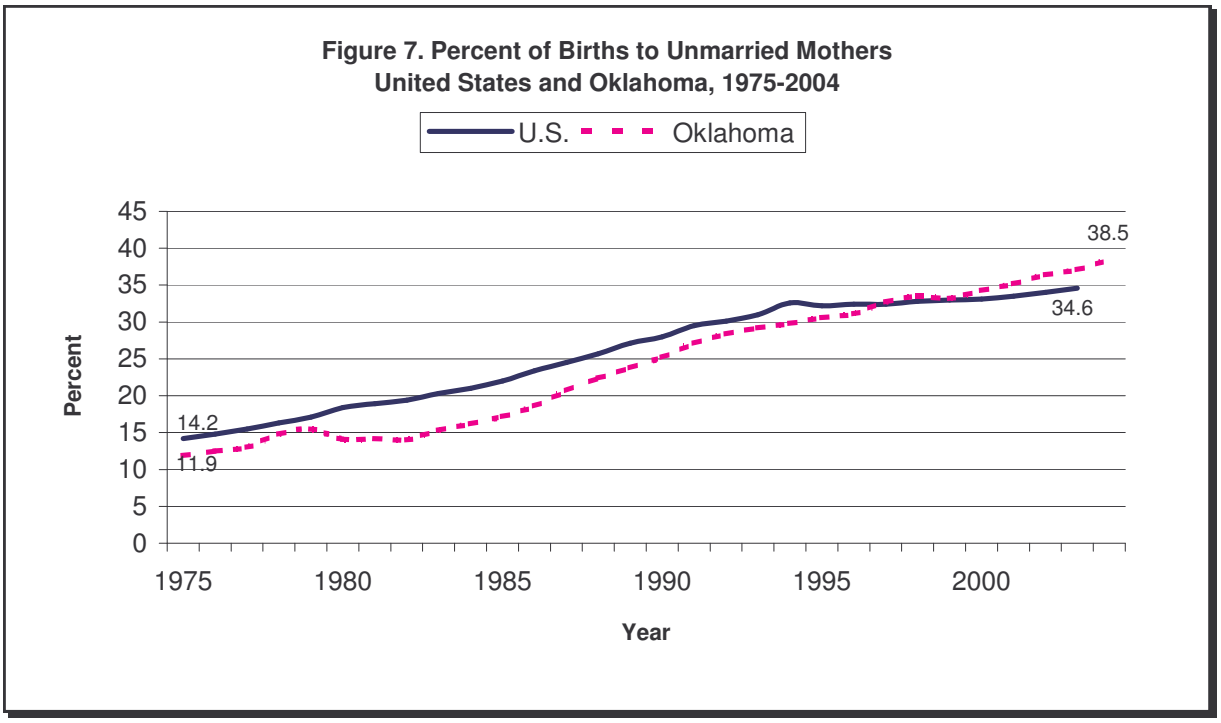


Figure 7. Percent of Births to Unmarried Mothers
United States and Oklahoma, 1975-2004
U.S.
Oklahoma
45
40
35
30
25
20
15
10
5
0
Percent
38.5
34.6
14.2
11.9
1975
1980
1985
1990
1995
2000
Year

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, 1975-2003

(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

- 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, 1975-2003

Year	1st trimester	Education < 12 grades	Not married	< 37 weeks gestation	Birth interval < 24 months	Infant mortality rate
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
2003	84.1	23.8	34.6	12.3	-	6.6

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

- Data are not available

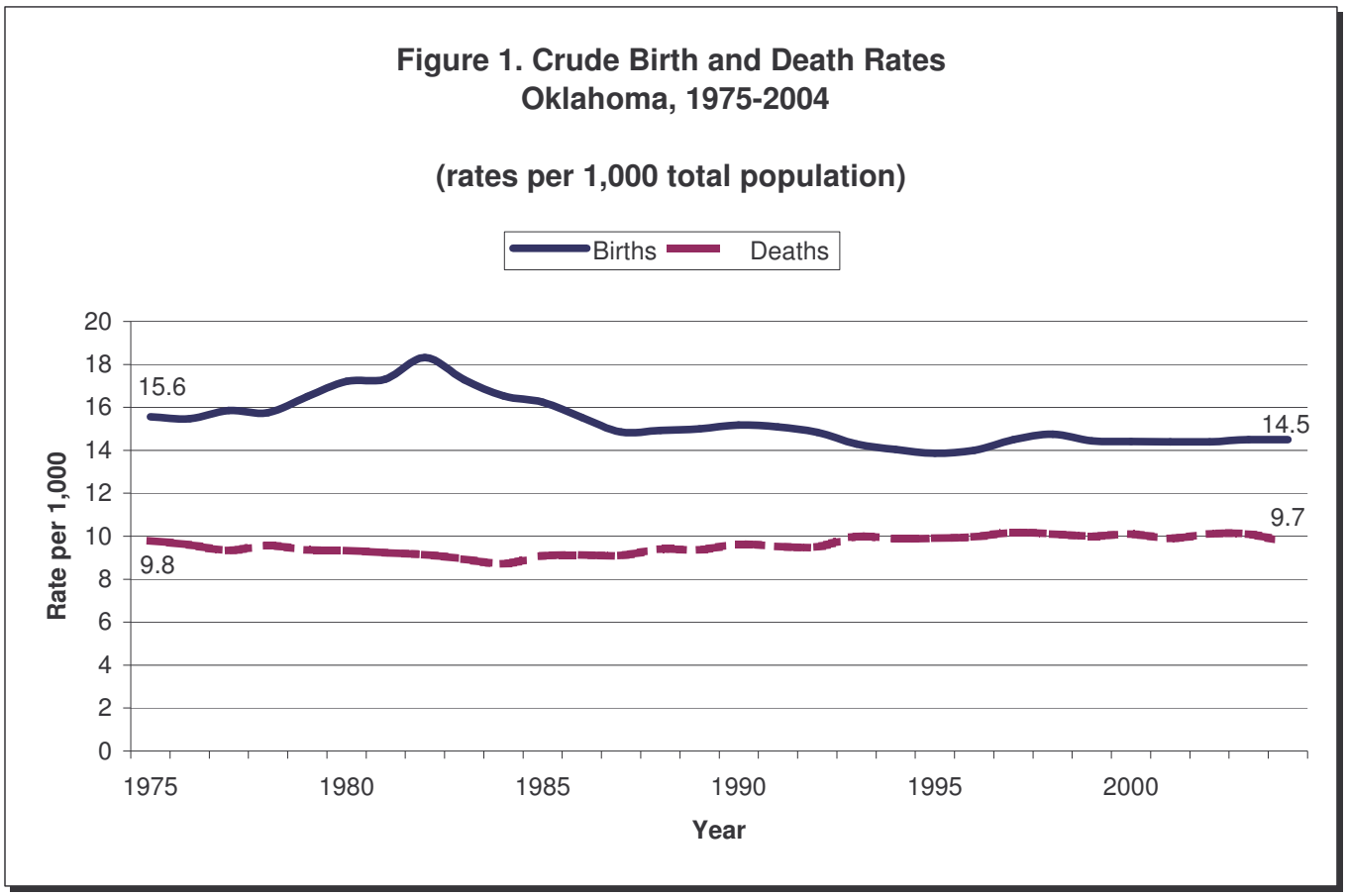


Figure 1. Crude Birth and Death Rates
Oklahoma, 1975-2004
(rates per 1,000 total population)
Births
Deaths
Rate per 1,000
20
18
16
14
12
10
8
6
4
2
0
15.6
14.5
9.7
9.8
1975
1980
1985
1990
1995
2000
Year

Table 25. Number and crude rate of births and deaths: Oklahoma, 1975-2004

	Births		*Deaths*	
Year	*Number*	*Rate*	*Number*	*Rate*
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

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

Table 26. 20 Leading Rankable Causes of Death: Oklahoma, 2004

(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-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	10,272	33.6	3,523,553	291.5	282.6	23,981
2	Malignant neoplasms (C00-C97)	7,234	23.7	3,523,553	205.3	195.2	24,701
3	Cerebrovascular diseases (I60-I69)	2,176	7.1	3,523,553	61.8	60.4	3,785
4	Chronic lower respiratory diseases (J40-J47)	1,977	6.5	3,523,553	56.1	53.7	3,116
5	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,925	6.3	3,523,553	54.6	54.2	40,611
6	Diabetes mellitus (E10-E14)	1,137	3.7	3,523,553	32.3	30.9	3,448
7	Alzheimer's disease (G30)	864	2.8	3,523,553	24.5	24.3	18
8	Influenza and pneumonia (J10-J18)	809	2.6	3,523,553	23.0	22.6	2130
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	565	1.8	3,523,553	16.0	15.6	1,261
10	Intentional self-harm (suicide) (X60-X84,Y87.0)	502	1.6	3,523,553	14.2	14.2	10,664
11	Septicemia (A40-A41)	414	1.4	3,523,553	11.7	11.3	2,026
12	Chronic liver disease and cirrhosis (K70,K73-K74)	383	1.3	3,523,553	10.9	10.3	3,062
13	Atherosclerosis (I70)	257	0.8	3,523,553	7.3	7.2	155
14	Pneumonitis due to solids and liquids (J69)	247	0.8	3,523,553	7.0	6.9	486
15	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	236	0.8	3,523,553	6.7	6.5	388
16	Assault (homicide) (X85-Y09,Y87.1)	219	0.7	3,523,553	6.2	6.2	6608
17	Parkinson's disease (G20-G21)	216	0.7	3,523,553	6.1	6.0	61
18	Aortic aneurysm and dissection (I71)	186	0.6	3,523,553	5.3	5.1	569
19	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	161	0.5	3,523,553	4.6	4.4	682
20	Certain conditions originating in the perinatal period (P00-P96)	159	0.5	3,523,553	4.5	4.4	10,274

Table 27. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65: Oklahoma, 2004

(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-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,925	6.3	3,523,553	54.6	54.2	40,611
2	Malignant neoplasms (C00-C97)	7,234	23.7	3,523,553	205.3	195.2	24,701
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	10,272	33.6	3,523,553	291.5	282.6	23,981
4	Intentional self-harm (suicide) (X60-X84,Y87.0)	502	1.6	3,523,553	14.2	14.2	10,664
5	Certain conditions originating in the perinatal period (P00-P96)	159	0.5	3,523,553	4.5	4.4	10,274
6	Assault (homicide) (X85-Y09,Y87.1)	219	0.7	3,523,553	6.2	6.2	6,608
7	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	140	0.5	3,523,553	4.0	3.9	6,549
8	Cerebrovascular diseases (I60-I69)	2,176	7.1	3,523,553	61.8	60.4	3,785
9	Diabetes mellitus (E10-E14)	1137	3.7	3,523,553	32.3	30.9	3,448
10	Chronic lower respiratory diseases (J40-J47)	1,977	6.5	3,523,553	56.1	53.7	3,116
11	Chronic liver disease and cirrhosis (K70,K73-K74)	383	1.3	3,523,553	10.9	10.3	3,062
12	Influenza and pneumonia (J10-J18)	809	2.6	3,523,553	23.0	22.6	2,130
13	Septicemia (A40-A41)	414	1.4	3,523,553	11.7	11.3	2,026
14	Human immunodeficiency virus (HIV) disease (B20-B24)	72	0.2	3,523,553	2.0	2.1	1,629
15	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	565	1.8	3,523,553	16.0	15.6	1,261
16	Viral hepatitis (B15-B19)	101	0.3	3,523,553	2.9	2.8	1,259
17	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	161	0.5	3,523,553	4.6	4.4	682
18	Aortic aneurysm and dissection (I71)	186	0.6	3,523,553	5.3	5.1	569
19	Pneumonitis due to solids and liquids (J69)	247	0.8	3,523,553	7.0	6.9	486
20	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	236	0.8	3,523,553	6.7	6.5	388

**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, 2004
(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*		*Crude Death Rate*	*Age Adjusted Death Rate*	*YPLL65*
All deaths	34,311		973.9	942.9	173,342
Salmonella infections (A01-A02)	1		0.0	0.0	0
Tuberculosis (A16-A19)	7		0.2	0.2	70
Respiratory tuberculosis (A16)		3	0.1	0.1	1
Other tuberculosis (A17-A19)		4	0.1	0.1	69
Meningococcal infection (A39)	2		0.1	0.1	69
Septicemia (A40-A41)	414		11.7	11.3	2,026
Viral hepatitis (B15-B19)	101		2.9	2.8	1,259
Human immunodeficiency virus (HIV) disease (B20-B24)	72		2.0	2.1	1,629
Malignant neoplasms (C00-C97)	7,234		205.3	195.2	24,701
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)		93	2.6	2.5	429
Malignant neoplasm of esophagus (C15)		147	4.2	3.9	497
Malignant neoplasm of stomach (C16)		112	3.2	3.0	298
Malignant neoplasms of colon, rectum and anus (C18-C21)		715	20.3	19.4	2,322
Malignant neoplasms of liver and intrahepatic bile ducts (C22)		164	4.7	4.4	769
Malignant neoplasm of pancreas (C25)		367	10.4	9.9	1,046
Malignant neoplasm of larynx (C32)		46	1.3	1.2	233
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		2,343	66.5	62.6	6,394
Malignant melanoma of skin (C43)		107	3.0	2.9	634
Malignant neoplasm of breast (C50)		460	13.1	12.5	2,276
Malignant neoplasm of cervix uteri (C53)		45	1.3	1.3	772
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)		87	2.5	2.4	152
Malignant neoplasm of ovary (C56)		176	5.0	4.8	625
Malignant neoplasm of prostate (C61)		340	9.6	9.3	131
Malignant neoplasms of kidney and renal pelvis (C64-C65)		197	5.6	5.2	689
Malignant neoplasm of bladder (C67)		151	4.3	4.1	190
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)		168	4.8	4.5	1,492
Hodgkin's disease (C81)		17	0.5	0.5	146
Non-Hodgkin's lymphoma (C82-C85)		262	7.4	7.2	871
Leukemia (C91-C95)		286	8.1	7.8	1,223
Multiple myeloma and immunoproliferative neoplasms (C88,C90)		124	3.5	3.3	182
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)		827	23.5	22.4	3,330
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-	161		4.6	4.4	682
Anemias (D50-D64)	55		1.6	1.5	262
Diabetes mellitus (E10-E14)	1,137		32.3	30.9	3,448
Nutritional deficiencies (E40-E64)	63		1.8	1.8	133
Malnutrition (E40-E46)		62	1.8	1.8	133
Other nutritional deficiencies (E50-E64)		1	0.0	0.0	.
Meningitis (G00,G03)	12		0.3	0.3	221
Parkinson's disease (G20-G21)	216		6.1	6.0	61
Alzheimer's disease (G30)	864		24.5	24.3	18
Diseases of heart (I00-I09,I11,I13,I20-I51)	10,272		291.5	282.6	23,981
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)		39	1.1	1.1	86
Hypertensive heart disease (I11)		234	6.6	6.5	513
Hypertensive heart and renal disease (I13)		24	0.7	0.7	4
Acute myocardial infarction (I21-I22)		1,926	54.7	52.7	4,120
Other acute ischemic heart diseases (I24)		448	12.7	12.4	984

++ 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, 2004
(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*		*Crude Death Rate*	*Age Adjusted Death Rate*	*YPLL65*
All deaths	34,311		973.9	942.9	173,342
Atherosclerotic cardiovascular disease, so described (I25.0)		1,342	38.1	36.6	4,277
All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)		3,871	109.9	106.4	7,507
Acute and subacute endocarditis (I33)		15	0.4	0.4	189
Diseases of pericardium and acute myocarditis (I30-I31,I40)		9	0.3	0.2	67
Heart failure (I50)		1,086	30.8	30.2	1,004
All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)		1,278	36.3	35.3	5,230
Essential (primary) hypertension and hypertensive renal disease (I10,I12)	236		6.7	6.5	388
Cerebrovascular diseases (I60-I69)	2,176		61.8	60.4	3,785
Atherosclerosis (I70)	257		7.3	7.2	155
Aortic aneurysm and dissection (I71)	186		5.3	5.1	569
Influenza and pneumonia (J10-J18)	809		23.0	22.6	2,130
Influenza (J10-J11)		3	0.1	0.1	.
Pneumonia (J12-J18)		806	22.9	22.5	2,130
Acute bronchitis and bronchiolitis (J20-J21)	6		0.2	0.2	311
Chronic lower respiratory diseases (J40-J47)	1,977		56.1	53.7	3,116
Bronchitis, chronic and unspecified (J40-J42)		9	0.3	0.3	108
Emphysema (J43)		184	5.2	5.0	110
Asthma (J45-J46)		46	1.3	1.3	554
Other chronic lower respiratory diseases (J44,J47)		1,738	49.3	47.2	2,344
Pneumoconioses and chemical effects (J60-J66,J68)	2		0.1	0.1	-
Pneumonitis due to solids and liquids (J69)	247		7.0	6.9	486
Peptic ulcer (K25-K28)	59		1.7	1.6	302
Diseases of appendix (K35-K38)	10		0.3	0.3	59
Hernia (K40-K46)	17		0.5	0.5	101
Chronic liver disease and cirrhosis (K70,K73-K74)	383		10.9	10.3	3,062
Alcoholic liver disease (K70)		198	5.6	5.4	2,112
Other chronic liver disease and cirrhosis (K73-K74)		185	5.3	4.9	950
Cholelithiasis and other disorders of gallbladder (K80-K82)	33		0.9	0.9	43
Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	565		16.0	15.6	1,261
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01,N04)		5	0.1	0.1	.
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic,and renal sclerosis unspecified (N02-N03,N05-N07,N26)		11	0.3	0.3	76
Renal failure (N17-N19)		547	15.5	15.0	1,160
Other disorders of kidney (N25,N27)		2	0.1	0.1	25
Infections of kidney (N10-N12,N13.6,N15.1)	9		0.3	0.3	92
Hyperplasia of prostate (N40)	3		0.1	0.1	-
Inflammatory diseases of female pelvic organs (N70-N76)	1		0.0	0.0	-
Pregnancy, childbirth and the puerperium (O00-O99)	9		0.3	0.2	360
Pregnancy with abortive outcome (O00-O07)		1	0.0	0.0	45
Other complications of pregnancy, childbirth and the puerperium (O10-O99)		8	0.2	0.2	315
Certain conditions originating in the perinatal period (P00-P96)	159		4.5	4.4	10,274
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	140		4.0	3.9	6,549
Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,925		54.6	54.2	40,611
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)		752	21.3	20.9	20,122

++ 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, 2004
(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*		*Crude Death Rate*	*Age Adjusted Death Rate*	*YPLL65*
All deaths	34,311		973.9	942.9	173,342
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)		12	0.3	0.3	293
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)		25	0.7	0.7	386
Falls (W00-W19)		210	6.0	5.8	1,059
Accidental discharge of firearms (W32-W34)		10	0.3	0.3	264
Accidental drowning and submersion (W65-W74)		62	1.8	1.8	2,253
Accidental exposure to smoke, fire and flames (X00-X09)		69	2.0	1.9	1,481
Accidental poisoning and exposure to noxious substances (X40-X49)		426	12.1	12.4	10,459
Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99,X10-X39,X50-X59,Y86)		359	10.2	10.1	4,294
Intentional self-harm (suicide) (X60-X84,Y87.0)	502		14.2	14.2	10,664
Intentional self-harm (suicide) by discharge of firearms (X72-X74)		310	8.8	8.7	5,711
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71,X75-X84,Y87.0)		192	5.4	5.6	4,953
Assault (homicide) (X85-Y09,Y87.1)	219		6.2	6.2	6,608
Assault (homicide) by discharge of firearms (X93-X95)		123	3.5	3.5	3,782
Assault (homicide) by other and unspecified means and their sequelae (X85-X92,X96-Y09,Y87.1)		96	2.7	2.7	2,826
Legal intervention (Y35,Y89.0)	12		0.3	0.3	358
Complications of medical and surgical care (Y40-Y84,Y88)	29		0.8	0.8	102
Non Rankable Causes	3,729		105.8	103.1	23,361
Missing		10	0.3	0.2	97
Certain other intestinal infections (A04,A07-A09)		51	1.4	1.4	128
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)		101	2.9	2.7	851
Other diseases of arteries, arterioles and capillaries (I72-I78)		121	3.4	3.3	241
Other disorders of circulatory system (I80-I99)		59	1.7	1.6	380
Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)		348	9.9	9.5	1,748
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)		288	8.2	8.1	5,981
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)		2,696	76.5	74.6	12,248
Discharge of firearms, undetermined intent (Y22-Y24)		2	0.1	0.1	24
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)		53	1.5	1.5	1,663

++ 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, 2004

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

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	5,074	1,740,265	291.6	342.5	15,774
2	Malignant neoplasms (C00-C97)	3,918	1,740,265	225.1	246.5	13,401
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,230	1,740,265	70.7	73.4	28,858
4	Chronic lower respiratory diseases (J40-J47)	967	1,740,265	55.6	64.7	1,456
5	Cerebrovascular diseases (I60-I69)	812	1,740,265	46.7	57.4	1,734
6	Diabetes mellitus (E10-E14)	523	1,740,265	30.1	34.0	1,960
7	Intentional self-harm (suicide) (X60-X84,Y87.0)	390	1,740,265	22.4	22.8	8,312
8	Influenza and pneumonia (J10-J18)	368	1,740,265	21.1	26.7	1,381
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	275	1,740,265	15.8	19.1	798
10	Alzheimer's disease (G30)	273	1,740,265	15.7	21.0	5
11	Chronic liver disease and cirrhosis (K70,K73-K74)	225	1,740,265	12.9	13.0	1968
12	Septicemia (A40-A41)	189	1,740,265	10.9	12.0	870
13	Assault (homicide) (X85-Y09,Y87.1)	157	1,740,265	9.0	8.9	4,657
14	Pneumonitis due to solids and liquids (J69)	128	1,740,265	7.4	9.7	268
15	Aortic aneurysm and dissection (I71)	122	1,740,265	7.0	7.8	441
16	Parkinson's disease (G20-G21)	116	1,740,265	6.7	8.1	25
17	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	97	1,740,265	5.6	6.8	149
18	Certain conditions originating in the perinatal period (P00-P96)	92	1,740,265	5.3	4.9	5,980
19	Atherosclerosis (I70)	89	1,740,265	5.1	6.9	132
20	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	76	1,740,265	4.4	5.2	331

Table 30. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Males: Oklahoma, 2004

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

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,230	1,740,265	70.7	73.4	28,858
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	5,074	1,740,265	291.6	342.5	15,774
3	Malignant neoplasms (C00-C97)	3,918	1,740,265	225.1	246.5	13,401
4	Intentional self-harm (suicide) (X60-X84,Y87.0)	390	1,740,265	22.4	22.8	8,312
5	Certain conditions originating in the perinatal period (P00-P96)	92	1,740,265	5.3	4.9	5,980
6	Assault (homicide) (X85-Y09,Y87.1)	157	1,740,265	9.0	8.9	4,657
7	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	67	1,740,265	3.8	3.7	3,447
8	Chronic liver disease and cirrhosis (K70,K73-K74)	225	1,740,265	12.9	13.0	1,968
9	Diabetes mellitus (E10-E14)	523	1,740,265	30.1	34.0	1,960
10	Cerebrovascular diseases (I60-I69)	812	1,740,265	46.7	57.4	1,734
11	Chronic lower respiratory diseases (J40-J47)	967	1,740,265	55.6	64.7	1,456
12	Human immunodeficiency virus (HIV) disease (B20-B24)	63	1,740,265	3.6	3.7	1,402
13	Influenza and pneumonia (J10-J18)	368	1,740,265	21.1	26.7	1,381
14	Septicemia (A40-A41)	189	1,740,265	10.9	12.0	870
15	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	275	1,740,265	15.8	19.1	798
16	Viral hepatitis (B15-B19)	63	1,740,265	3.6	3.6	763
17	Aortic aneurysm and dissection (I71)	122	1,740,265	7.0	7.8	441
18	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	76	1,740,265	4.4	5.2	331
19	Legal intervention (Y35,Y89.0)	10	1,740,265	0.6	0.6	291
20	Pneumonitis due to solids and liquids (J69)	128	1,740,265	7.4	9.7	268

Table 31. 20 Leading Rankable Causes of Death among Females: Oklahoma, 2004

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

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	5,198	1,783,288	291.5	235.1	8,207
2	Malignant neoplasms (C00-C97)	3,316	1,783,288	185.9	158.8	11,300
3	Cerebrovascular diseases (I60-I69)	1,364	1,783,288	76.5	61.8	2,051
4	Chronic lower respiratory diseases (J40-J47)	1,010	1,783,288	56.6	47.3	1,660
5	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	695	1,783,288	39	36.1	11,753
6	Diabetes mellitus (E10-E14)	614	1,783,288	34.4	28.8	1,488
7	Alzheimer's disease (G30)	591	1,783,288	33.1	25.8	13
8	Influenza and pneumonia (J10-J18)	441	1,783,288	24.7	19.7	749
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	290	1,783,288	16.3	13.2	463
10	Septicemia (A40-A41)	225	1,783,288	12.6	10.6	1,156
11	Atherosclerosis (I70)	168	1,783,288	9.4	7.3	23
12	Chronic liver disease and cirrhosis (K70,K73-K74)	158	1,783,288	8.9	7.9	1,094
13	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	139	1,783,288	7.8	6.3	239
14	Pneumonitis due to solids and liquids (J69)	119	1,783,288	6.7	5.4	218
15	Intentional self-harm (suicide) (X60-X84,Y87.0)	112	1,783,288	6.3	6.3	2,352
16	Parkinson's disease (G20-G21)	100	1,783,288	5.6	4.5	36
17	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	85	1,783,288	4.8	4.0	351
18	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	73	1,783,288	4.1	4.0	3,102
19	Certain conditions originating in the perinatal period (P00-P96)	67	1,783,288	3.8	3.8	4,294
20	Aortic aneurysm and dissection (I71)	64	1,783,288	3.6	3.0	128

Table 32. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Females: Oklahoma, 2004

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

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	695	1,783,288	39	36.1	11,753
2	Malignant neoplasms (C00-C97)	3,316	1,783,288	185.9	158.8	11,300
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	5,198	1,783,288	291.5	235.1	8,207
4	Certain conditions originating in the perinatal period (P00-P96)	67	1,783,288	3.8	3.8	4,294
5	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	73	1,783,288	4.1	4.0	3,102
6	Intentional self-harm (suicide) (X60-X84,Y87.0)	112	1,783,288	6.3	6.3	2,352
7	Cerebrovascular diseases (I60-I69)	1,364	1,783,288	76.5	61.8	2,051
8	Assault (homicide) (X85-Y09,Y87.1)	62	1,783,288	3.5	3.5	1,951
9	Chronic lower respiratory diseases (J40-J47)	1,010	1,783,288	56.6	47.3	1,660
10	Diabetes mellitus (E10-E14)	614	1,783,288	34.4	28.8	1,488
11	Septicemia (A40-A41)	225	1,783,288	12.6	10.6	1,156
12	Chronic liver disease and cirrhosis (K70,K73-K74)	158	1,783,288	8.9	7.9	1,094
13	Influenza and pneumonia (J10-J18)	441	1,783,288	24.7	19.7	749
14	Viral hepatitis (B15-B19)	38	1,783,288	2.1	2.1	496
15	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	290	1,783,288	16.3	13.2	463
16	Pregnancy, childbirth and the puerperium (O00-O99)	9	1,783,288	0.5	0.5	360
17	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	85	1,783,288	4.8	4.0	351
18	Anemias (D50-D64)	38	1,783,288	2.1	1.8	249
19	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	139	1,783,288	7.8	6.3	239
20	Human immunodeficiency virus (HIV) disease (B20-B24)	9	1,783,288	0.5	0.5	227

Table 33. Number and percent of deaths, crude and age-adjusted mortality rates by gender: Oklahoma and each County, 2004

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

	Male				*Female*			
County	*Deaths*	*% County Deaths*	*Death Rate*	*Age-Adjusted Death Rate*	*Deaths*	*% County Deaths*	*Death Rate*	*Age-Adjusted Death Rate*
State	16,981	49.5	975.8	1,152.0	17,330	50.5	971.8	837.7
Adair	99	48.1	922.8	1,148.3	107	51.9	979.0	980.4
Alfalfa	37	50.0	1,108.4	945.9	37	50.0	1,496.8	681.0
Atoka	76	52.1	985.3	1,104.8	70	47.9	1,070.0	844.3
Beaver	32	52.5	1,159.0	1,067.4	29	47.5	1,068.9	603.0
Beckham	105	45.7	1,051.9	1,123.4	125	54.3	1,334.8	974.3
Blaine	75	54.3	1,270.1	1,187.5	63	45.7	1,169.9	768.8
Bryan	217	46.0	1,172.6	1,267.1	255	54.0	1,324.5	1,003.9
Caddo	181	53.6	1,199.0	1,362.4	157	46.4	1,041.7	821.0
Canadian	322	47.6	676.3	989.1	354	52.4	739.2	810.1
Carter	325	51.4	1,426.3	1,458.8	307	48.6	1,263.3	937.1
Cherokee	228	53.3	1,047.8	1,306.7	200	46.7	895.0	917.9
Choctaw	116	50.7	1,565.7	1,466.4	113	49.3	1,405.1	1,026.9
Cimarron	19	59.4	1,331.5	1,096.7	13	40.6	884.4	522.4
Cleveland	722	51.0	644.9	1,095.5	695	49.0	631.1	788.9
Coal	41	50.0	1,389.8	1,231.6	41	50.0	1,376.8	962.1
Comanche	448	51.6	801.2	1,203.6	421	48.4	771.0	828.4
Cotton	49	50.0	1,510.0	1,492.7	49	50.0	1,498.9	976.4
Craig	96	47.1	1,285.5	1,324.6	108	52.9	1,458.5	988.7
Creek	352	52.4	1,044.0	1,167.3	320	47.6	915.6	818.3
Custer	128	49.2	1,047.4	1,213.8	132	50.8	1,014.7	828.6
Delaware	194	46.3	1,005.3	935.7	225	53.7	1,136.9	870.8
Dewey	40	47.1	1,759.0	1,409.3	45	52.9	1,880.5	1,025.2
Ellis	20	48.8	1,029.3	766.1	21	51.2	1,055.8	604.3
Garfield	335	49.0	1,203.2	1,246.5	349	51.0	1,185.5	836.3
Garvin	187	50.3	1,414.7	1,292.0	185	49.7	1,320.4	913.6
Grady	215	46.0	907.9	1,125.1	252	54.0	1,028.8	909.7
Grant	28	45.9	1,190.5	844.0	33	54.1	1,335.0	791.8
Greer	40	54.8	1,205.5	1,124.2	33	45.2	1,303.8	759.4
Harmon	23	51.1	1,582.9	1,343.5	22	48.9	1,424.9	724.5
Harper	21	43.8	1,275.8	1,083.3	27	56.3	1,542.0	890.0
Haskell	84	57.5	1,407.7	1,291.8	62	42.5	1,012.9	774.1
Hughes	88	45.8	1,211.5	1,343.7	104	54.2	1,540.3	967.1
Jackson	118	42.3	872.3	1,148.0	161	57.7	1,179.1	1,027.9
Jefferson	44	51.8	1,403.5	1,375.0	41	48.2	1,233.1	749.7
Johnston	72	51.1	1,400.0	1,419.5	69	48.9	1,302.6	987.8
Kay	276	46.5	1,213.3	1,121.1	318	53.5	1,324.2	890.1
Kingfisher	71	46.4	1,015.3	1,097.0	82	53.6	1,141.6	861.1
Kiowa	74	47.1	1,517.6	1,430.8	83	52.9	1,659.0	941.3
Latimer	63	54.8	1,199.5	1,184.3	52	45.2	963.9	844.3
Leflore	253	51.2	1,030.6	1,170.8	241	48.8	979.2	816.7

-Denote no events in that category

Table 33. Number and percent of deaths, crude and age-adjusted mortality rates by gender: Oklahoma and each County, 2004

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

	Male				*Female*			
County	*Deaths*	*% County Deaths*	*Death Rate*	*Age-Adjusted Death Rate*	*Deaths*	*% County Deaths*	*Death Rate*	*Age-Adjusted Death Rate*
State	16,981	49.5	975.8	1,152.0	17,330	50.5	971.8	837.7
Lincoln	174	49.9	1,083.6	1,232.5	175	50.1	1,071.8	937.9
Logan	153	52.4	847.3	1,107.2	139	47.6	761.9	720.9
Love	38	41.8	836.6	802.6	53	58.2	1,154.4	801.8
McClain	141	52.4	972.3	1,141.7	128	47.6	878.6	887.2
McCurtain	230	53.7	1,394.4	1,592.1	198	46.3	1,128.1	982.6
McIntosh	150	53.8	1,567.9	1,231.3	129	46.2	1,243.7	805.1
Major	54	52.9	1,501.3	1,280.0	48	47.1	1,274.6	730.9
Marshall	94	50.3	1,368.7	1,240.1	93	49.7	1,330.1	865.7
Mayes	209	50.0	1,069.5	1,160.4	209	50.0	1,059.1	838.7
Murray	91	53.2	1,446.1	1,304.5	80	46.8	1,252.2	865.5
Muskogee	419	50.5	1,222.5	1,287.4	410	49.5	1,127.8	835.3
Noble	53	49.1	942.9	957.7	55	50.9	980.0	767.4
Nowata	66	52.8	1,243.4	1,149.9	59	47.2	1,090.8	791.7
Okfuskee	97	52.2	1,608.6	1,743.1	89	47.8	1,587.3	1,111.7
Oklahoma	2,979	48.4	894.9	1,127.7	3,173	51.6	912.0	836.3
Okmulgee	236	48.7	1,213.9	1,317.0	249	51.3	1,217.7	927.5
Osage	173	48.2	754.0	828.2	186	51.8	836.4	725.5
Ottawa	215	51.9	1,342.9	1,314.5	199	48.1	1,189.7	885.8
Pawnee	99	55.3	1,179.4	1,176.8	80	44.7	947.9	760.7
Payne	242	45.7	676.3	977.4	288	54.3	849.7	797.7
Pittsburg	249	50.0	1,116.1	1,101.3	249	50.0	1,150.6	787.0
Pontotoc	178	45.5	1,042.9	1,181.2	213	54.5	1,187.4	924.5
Pottawatomie	350	48.6	1,063.7	1,205.6	370	51.4	1,081.6	948.1
Pushmataha	90	53.6	1,587.6	1,357.1	78	46.4	1,290.1	913.2
Roger Mills	22	62.9	1,327.7	1,076.5	13	37.1	811.5	447.6
Rogers	319	52.1	818.8	1,111.3	293	47.9	731.0	778.1
Seminole	158	49.5	1,323.9	1,269.8	161	50.5	1,263.2	892.1
Sequoyah	210	53.2	1,048.7	1,193.2	185	46.8	900.1	858.6
Stephens	264	47.5	1,262.3	1,209.7	292	52.5	1,332.6	935.0
Texas	77	57.5	732.1	1,000.0	57	42.5	582.9	674.6
Tillman	55	45.5	1,279.4	1,040.5	66	54.5	1,471.2	870.6
Tulsa	2,448	48.3	879.4	1,156.1	2,618	51.7	900.3	833.6
Wagoner	234	52.8	747.8	1,013.1	209	47.2	658.0	789.1
Washington	275	50.6	1,163.2	1,078.5	268	49.4	1,055.7	691.9
Washita	69	48.3	1,231.9	1,029.4	74	51.7	1,251.9	767.4
Woods	52	45.2	1,172.2	1,096.8	63	54.8	1,523.9	678.9
Woodward	97	57.4	1,022.2	1,071.9	72	42.6	778.2	631.6
Unknown	8	-	-	-	8	-	-	-

-Denote no events in that category

Table 34. 20 Leading Rankable Causes of Death among Whites: Oklahoma, 2000-2004

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

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	48,914	14,140,088	345.9	302.8	91,109
2	Malignant neoplasms (C00-C97)	32,550	14,140,088	230.2	202.1	104,478
3	Cerebrovascular diseases (I60-I69)	10,610	14,140,088	75	65.7	14,407
4	Chronic lower respiratory diseases (J40-J47)	9,273	14,140,088	65.6	57.0	11,532
5	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	7,050	14,140,088	49.9	47.9	137,672
6	Influenza and pneumonia (J10-J18)	4,087	14,140,088	28.9	25.4	7,490
7	Diabetes mellitus (E10-E14)	4,070	14,140,088	28.8	25.4	12,155
8	Alzheimer's disease (G30)	3,470	14,140,088	24.5	21.4	210
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	2,253	14,140,088	15.9	14.0	4,441
10	Intentional self-harm (suicide) (X60-X84,Y87.0)	2,170	14,140,088	15.3	15.1	46,470
11	Septicemia (A40-A41)	1,833	14,140,088	13	11.4	7,057
12	Atherosclerosis (I70)	1,586	14,140,088	11.2	9.8	603
13	Chronic liver disease and cirrhosis (K70,K73-K74)	1,484	14,140,088	10.5	9.5	11,979
14	Pneumonitis due to solids and liquids (J69)	1,158	14,140,088	8.2	7.2	1,353
15	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	970	14,140,088	6.9	6.0	1,507
16	Parkinson's disease (G20-G21)	964	14,140,088	6.8	5.9	96
17	Aortic aneurysm and dissection (I71)	895	14,140,088	6.3	5.5	1,705
18	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	818	14,140,088	5.8	5.1	3,499
19	Assault (homicide) (X85-Y09,Y87.1)	642	14,140,088	4.5	4.6	18,672
20	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	627	14,140,088	4.4	4.4	28,092

Table 35. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Whites: Oklahoma, 2000-2004

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

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	7,050	14,140,088	49.9	47.9	137,672
2	Malignant neoplasms (C00-C97)	32,550	14,140,088	230.2	202.1	104,478
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	48,914	14,140,088	345.9	302.8	91,109
4	Intentional self-harm (suicide) (X60-X84,Y87.0)	2,170	14,140,088	15.3	15.1	46,470
5	Certain conditions originating in the perinatal period (P00-P96)	497	14,140,088	3.5	3.6	31,813
6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	627	14,140,088	4.4	4.4	28,092
7	Assault (homicide) (X85-Y09,Y87.1)	642	14,140,088	4.5	4.6	18,672
8	Cerebrovascular diseases (I60-I69)	10,610	14,140,088	75	65.7	14,407
9	Diabetes mellitus (E10-E14)	4,070	14,140,088	28.8	25.4	12,155
10	Chronic liver disease and cirrhosis (K70,K73-K74)	1,484	14,140,088	10.5	9.5	11,979
11	Chronic lower respiratory diseases (J40-J47)	9,273	14,140,088	65.6	57.0	11,532
12	Influenza and pneumonia (J10-J18)	4,087	14,140,088	28.9	25.4	7,490
13	Septicemia (A40-A41)	1,833	14,140,088	13	11.4	7,057
14	Human immunodeficiency virus (HIV) disease (B20-B24)	312	14,140,088	2.2	2.3	7,004
15	Viral hepatitis (B15-B19)	390	14,140,088	2.8	2.6	4,723
16	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	2,253	14,140,088	15.9	14.0	4,441
17	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	818	14,140,088	5.8	5.1	3,499
18	Aortic aneurysm and dissection (I71)	895	14,140,088	6.3	5.5	1,705
19	Legal intervention (Y35,Y89.0)	63	14,140,088	0.4	0.5	1,628
20	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	970	14,140,088	6.9	6.0	1,507

Table 36. 20 Leading Rankable Causes of Death among African Americans: Oklahoma, 2000-2004

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

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	3,119	1,427,743	218.5	357.4	14,019
2	Malignant neoplasms (C00-C97)	2,216	1,427,743	155.2	249.2	10,094
3	Cerebrovascular diseases (I60-I69)	781	1,427,743	54.7	90.7	3,502
4	Diabetes mellitus (E10-E14)	535	1,427,743	37.5	61.6	2,073
5	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	480	1,427,743	33.6	39.5	12,088
6	Chronic lower respiratory diseases (J40-J47)	320	1,427,743	22.4	37.6	1,150
7	Assault (homicide) (X85-Y09,Y87.1)	265	1,427,743	18.6	18.0	8,962
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	263	1,427,743	18.4	30.6	1,285
9	Septicemia (A40-A41)	182	1,427,743	12.7	19.9	1,576
10	Influenza and pneumonia (J10-J18)	180	1,427,743	12.6	21.0	935
11	Certain conditions originating in the perinatal period (P00-P96)	170	1,427,743	11.9	8.8	11,048
12	Alzheimer's disease (G30)	158	1,427,743	11.1	20.5	2
13	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	142	1,427,743	9.9	16.4	691
14	Human immunodeficiency virus (HIV) disease (B20-B24)	108	1,427,743	7.6	8.8	2,323
15	Intentional self-harm (suicide) (X60-X84,Y87.0)	101	1,427,743	7.1	7.4	3,064
16	Chronic liver disease and cirrhosis (K70,K73-K74)	89	1,427,743	6.2	8.2	1,067
17	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	86	1,427,743	6	5.2	4,519
18	Atherosclerosis (I70)	84	1,427,743	5.9	10.7	27
19	Anemias (D50-D64)	45	1,427,743	3.2	4.3	728
20	Aortic aneurysm and dissection (I71)	44	1,427,743	3.1	4.8	292

Table 37. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among African Americans: Oklahoma, 2000-2004

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

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	3,119	1,427,743	218.5	357.4	14,019
2	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	480	1,427,743	33.6	39.5	12,088
3	Certain conditions originating in the perinatal period (P00-P96)	170	1,427,743	11.9	8.8	11,048
4	Malignant neoplasms (C00-C97)	2,216	1,427,743	155.2	249.2	10,094
5	Assault (homicide) (X85-Y09,Y87.1)	265	1,427,743	18.6	18.0	8,962
6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	86	1,427,743	6	5.2	4,519
7	Cerebrovascular diseases (I60-I69)	781	1,427,743	54.7	90.7	3,502
8	Intentional self-harm (suicide) (X60-X84,Y87.0)	101	1,427,743	7.1	7.4	3,064
9	Human immunodeficiency virus (HIV) disease (B20-B24)	108	1,427,743	7.6	8.8	2,323
10	Diabetes mellitus (E10-E14)	535	1,427,743	37.5	61.6	2,073
11	Septicemia (A40-A41)	182	1,427,743	12.7	19.9	1,576
12	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	263	1,427,743	18.4	30.6	1,285
13	Chronic lower respiratory diseases (J40-J47)	320	1,427,743	22.4	37.6	1,150
14	Chronic liver disease and cirrhosis (K70,K73-K74)	89	1,427,743	6.2	8.2	1,067
15	Influenza and pneumonia (J10-J18)	180	1,427,743	12.6	21.0	935
16	Anemias (D50-D64)	45	1,427,743	3.2	4.3	728
17	Legal intervention (Y35,Y89.0)	23	1,427,743	1.6	1.6	703
18	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	142	1,427,743	9.9	16.4	691
19	Pregnancy, childbirth and the puerperium (O00-O99)	8	1,427,743	0.6	0.5	332
20	Aortic aneurysm and dissection (I71)	44	1,427,743	3.1	4.8	292

Table 38. 20 Leading Rankable Causes of Death among American Indians: Oklahoma, 2000-2004
(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	2,086	1,579,549	132.1	218.2	8,692
2	Malignant neoplasms (C00-C97)	1,674	1,579,549	106	161.5	8,940
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	691	1,579,549	43.7	49.7	18,316
4	Diabetes mellitus (E10-E14)	643	1,579,549	40.7	62.9	2,823
5	Cerebrovascular diseases (I60-I69)	448	1,579,549	28.4	48.7	1,403
6	Chronic lower respiratory diseases (J40-J47)	322	1,579,549	20.4	33.9	786
7	Chronic liver disease and cirrhosis (K70,K73-K74)	262	1,579,549	16.6	21.6	2,945
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	187	1,579,549	11.8	18.8	900
9	Influenza and pneumonia (J10-J18)	181	1,579,549	11.5	19.7	1,296
10	Intentional self-harm (suicide) (X60-X84,Y87.0)	151	1,579,549	9.6	10.2	4,292
11	Septicemia (A40-A41)	136	1,579,549	8.6	13.5	1,075
12	Assault (homicide) (X85-Y09,Y87.1)	104	1,579,549	6.6	6.7	3,502
13	Alzheimer's disease (G30)	77	1,579,549	4.9	9.5	5
14	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	72	1,579,549	4.6	7.8	246
15	Certain conditions originating in the perinatal period (P00-P96)	69	1,579,549	4.4	3.6	4,462
16	Atherosclerosis (I70)	64	1,579,549	4.1	7.4	56
17	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	48	1,579,549	3	2.9	2,407
18	Pneumonitis due to solids and liquids (J69)	41	1,579,549	2.6	4.7	137
19	Human immunodeficiency virus (HIV) disease (B20-B24)	37	1,579,549	2.3	2.8	832
20	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	37	1,579,549	2.3	4.1	144

Table 39. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among American Indians: Oklahoma, 2000-2004
(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 U.S. population standard.)

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	691	1,579,549	43.7	49.7	18,316
2	Malignant neoplasms (C00-C97)	1,674	1,579,549	106	161.5	8,940
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	2,086	1,579,549	132.1	218.2	8,692
4	Certain conditions originating in the perinatal period (P00-P96)	69	1,579,549	4.4	3.6	4,462
5	Intentional self-harm (suicide) (X60-X84,Y87.0)	151	1,579,549	9.6	10.2	4,292
6	Assault (homicide) (X85-Y09,Y87.1)	104	1,579,549	6.6	6.7	3,502
7	Chronic liver disease and cirrhosis (K70,K73-K74)	262	1,579,549	16.6	21.6	2,945
8	Diabetes mellitus (E10-E14)	643	1,579,549	40.7	62.9	2,823
9	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	48	1,579,549	3	2.9	2,407
10	Cerebrovascular diseases (I60-I69)	448	1,579,549	28.4	48.7	1,403
11	Influenza and pneumonia (J10-J18)	181	1,579,549	11.5	19.7	1,296
12	Septicemia (A40-A41)	136	1,579,549	8.6	13.5	1,075
13	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	187	1,579,549	11.8	18.8	900
14	Human immunodeficiency virus (HIV) disease (B20-B24)	37	1,579,549	2.3	2.8	832
15	Chronic lower respiratory diseases (J40-J47)	322	1,579,549	20.4	33.9	786
16	Viral hepatitis (B15-B19)	35	1,579,549	2.2	2.7	600
17	Essential (primary) hypertension and hypertensive renal disease (I10,I12)	72	1,579,549	4.6	7.8	246
18	Legal intervention (Y35,Y89.0)	8	1,579,549	0.5	0.6	192
19	Acute bronchitis and bronchiolitis (J20-J21)		1,579,549			191
20	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	37	1,579,549	2.3	4.1	144

++ 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, 2000-2004

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

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Malignant neoplasms (C00-C97)	166	291,676	56.9	113.2	1,062
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	158	291,676	54.2	151.7	494
3	Cerebrovascular diseases (I60-I69)	52	291,676	17.8	44.5	236
4	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	51	291,676	17.5	24.2	1,302
5	Chronic lower respiratory diseases (J40-J47)	18	291,676	6.2	19.8	74
6	Diabetes mellitus (E10-E14)	17	291,676	5.8	15.8	64
7	Intentional self-harm (suicide) (X60-X84,Y87.0)	16	291,676	5.5	5.3	402
8	Septicemia (A40-A41)	11	291,676	3.8	8.7	115
9	Certain conditions originating in the perinatal period (P00-P96)	11	291,676	3.8	3.5	715
10	Assault (homicide) (X85-Y09,Y87.1)	10	291,676	3.4	3.6	223
11	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	9	291,676	3.1	8.4	1
12	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	8	291,676	2.7	2.6	440
13	Alzheimer's disease (G30)	7	291,676	2.4	9.3	-
14	Viral hepatitis (B15-B19)	5	291,676	1.7	2.5	23
15	Chronic liver disease and cirrhosis (K70,K73-K74)	5	291,676	1.7	3.1	20

Table 41. 20 Leading Rankable Causes of Years of Potential Life Lost (YPLL) before Age 65 among Asian/Pacific Islanders: Oklahoma, 2000-2004

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

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	51	291,676	17.5	24.2	1,302
2	Malignant neoplasms (C00-C97)	166	291,676	56.9	113.2	1,062
3	Certain conditions originating in the perinatal period (P00-P96)	11	291,676	3.8	3.5	715
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	158	291,676	54.2	151.7	494
5	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	8	291,676	2.7	2.6	440
6	Intentional self-harm (suicide) (X60-X84,Y87.0)	16	291,676	5.5	5.3	402
7	Cerebrovascular diseases (I60-I69)	52	291,676	17.8	44.5	236
8	Assault (homicide) (X85-Y09,Y87.1)	10	291,676	3.4	3.6	223
9	Septicemia (A40-A41)	11	291,676	3.8	8.7	115
10	Influenza and pneumonia (J10-J18)		291,676			104
11	Chronic lower respiratory diseases (J40-J47)	18	291,676			74
12	Acute bronchitis and bronchiolitis (J20-J21)		291,676			65
13	Diabetes mellitus (E10-E14)	17	291,676	5.8	15.8	64

++ 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, 2004

		Race of decedent					
County	*Total*	*White*	*Black*	*Indian*	*Asian/PI*	*Unknown*	*Hispanic*
State	34,311	29,924	2,156	1,999	152	80	520
Adair	206	127	-	78	1	-	3
Alfalfa	74	73	1	-	-	-	1
Atoka	146	132	6	7	1	-	4
Beaver	61	60	-	-	-	1	2
Beckham	230	223	4	3	-	-	4
Blaine	138	125	3	9	1	-	1
Bryan	472	418	7	33	-	14	2
Caddo	338	270	7	60	1	-	11
Canadian	676	633	8	30	4	1	10
Carter	632	541	47	40	2	2	7
Cherokee	428	310	4	114	-	-	2
Choctaw	229	171	30	21	-	7	1
Cimarron	32	31	-	-	-	1	-
Cleveland	1,418	1,322	27	51	15	3	20
Coal	82	74	-	8	-	-	-
Comanche	869	691	104	54	16	4	25
Cotton	98	91	-	4	-	3	2
Craig	204	180	9	15	-	.	1
Creek	672	620	19	32	-	1	7
Custer	260	245	6	9	-	-	6
Delaware	419	362	-	57	-	-	1
Dewey	85	81	-	4	-	-	
Ellis	41	41	-	-	-	-	1
Garfield	684	657	13	12	2	-	6
Garvin	372	350	7	15	-	-	2
Grady	467	442	12	13	-	-	5
Grant	61	60	-	-	1	-	-
Greer	73	71	1	1	-	-	-
Harmon	45	40	4	-	-	1	1
Harper	48	47	1	-	-	-	2
Haskell	146	140	-	6	-	-	-
Hughes	192	164	6	22	-	-	1
Jackson	279	256	18	3	1	1	22
Jefferson	85	82	2	1	-	-	-
Johnston	141	120	4	16	1	-	1
Kay	594	551	4	39	-	-	8
Kingfisher	153	147	4	2	-	-	4
Kiowa	157	141	10	6	-	-	1
Latimer	115	100	-	15	-	-	3
Leflore	494	461	8	23	1	1	3

-Denote no events in that category

Table 42. Number of deaths by the race of the decedent: Oklahoma and each County, 2004

		Race of decedent					
County	*Total*	*White*	*Black*	*Indian*	*Asian/PI*	*Unknown*	*Hispanic*
State	34,311	29,924	2,156	1,999	152	80	520
Lincoln	349	325	9	14	1	-	1
Logan	292	266	26	-	-	-	2
Love	91	87	1	1	1	1	3
McClain	269	255	2	12	-	-	6
McCurtain	428	341	32	38	1	16	6
McIntosh	279	240	9	30	-	-	4
Major	102	101	-	1	-	-	
Marshall	187	172	3	10	-	2	3
Mayes	418	362	-	56	-	-	1
Murray	171	158	2	11	-	-	2
Muskogee	829	646	96	87	-	-	6
Noble	108	97	2	9	-	-	-
Nowata	125	109	2	14	-	-	-
Okfuskee	186	135	30	21	-	-	-
Oklahoma	6,152	5,073	850	157	66	6	152
Okmulgee	485	372	57	56	-	-	4
Osage	359	299	19	41	-	-	2
Ottawa	414	353	1	56	4	-	2
Pawnee	179	164	1	14	-	-	-
Payne	529	503	11	11	3	1	2
Pittsburg	498	445	18	34	-	1	5
Pontotoc	391	346	9	36	-	-	3
Pottawatomie	720	653	10	54	2	1	5
Pushmataha	168	147	3	17	-	1	1
Roger Mills	35	35	-	-	-	-	1
Rogers	613	560	5	47	1	-	8
Seminole	319	258	19	38	3	1	
Sequoyah	395	342	11	41	-	1	5
Stephens	556	534	5	15	1	1	10
Texas	134	131	-	1	-	2	14
Tillman	121	108	9	3	-	1	10
Tulsa	5,064	4,333	502	203	21	5	78
Wagoner	443	387	20	36	-	-	6
Washington	543	498	16	29	-	-	3
Washita	143	141	-	2	-	-	1
Woods	115	115	-	-	-	-	-
Woodward	169	167	-	1	1	-	4
Unknown	16	16	-	-	-	-	-

-Denote no events in that category

Table 43. 10 Leading Rankable Causes of Death among Infants (< 1 year of age): Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Certain conditions originating in the perinatal period (P00-P96)	726	247,189	293.7	47,190
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	428	247,189	173.1	27,820
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	56	247,189	22.7	3,640
4	Septicemia (A40-A41)	48	247,189	19.4	3,120
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	36	247,189	14.6	2,340
6	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	27	247,189	10.9	1,755
7	Influenza and pneumonia (J10-J18)	24	247,189	9.7	1560
8	Cerebrovascular diseases (I60-I69)	23	247,189	9.3	1495
8	Assault (homicide) (X85-Y09,Y87.1)	23	247,189	9.3	1495

Table 44. 10 Leading Rankable Causes of Death among residents age 1-4: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	146	951,723	15.3	9,152
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	39	951,723	4.1	2,467
3	Assault (homicide) (X85-Y09,Y87.1)	28	951,723	2.9	1,765
4	Malignant neoplasms (C00-C97)	21	951,723	2.2	1,312
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	13	951,723	1.4	818
6	Septicemia (A40-A41)	10	951,723	1.1	628
7	Influenza and pneumonia (J10-J18)	9	951,723	0.9	571
8	Certain conditions originating in the perinatal period (P00-P96)	8	951,723	0.8	504

Table 453. 10 Leading Rankable Causes of Death among residents age 5-9: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	104	1,176,546	8.8	6,058
2	Malignant neoplasms (C00-C97)	27	1,176,546	2.3	1,570
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	11	1,176,546	0.9	635
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	7	1,176,546	0.6	407
5	Assault (homicide) (X85-Y09,Y87.1)	6	1,176,546	0.5	342
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	5	1,176,546	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, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	117	1,239,296	9.4	6,185
2	Intentional self-harm (suicide) (X60-X84,Y87.0)	29	1,239,296	2.3	1,507
3	Malignant neoplasms (C00-C97)	27	1,239,296	2.2	1,426
4	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	18	1,239,296	1.5	946
5	Assault (homicide) (X85-Y09,Y87.1)	13	1,239,296	1.0	680
6	Diseases of heart (I00-I09,I11,I13,I20-I51)	10	1,239,296	0.8	530
7	Chronic lower respiratory diseases (J40-J47)	7	1,239,296	0.6	372
8	Influenza and pneumonia (J10-J18)	5	1,239,296	0.4	268

Table 47. 10 Leading Rankable Causes of Residents among Children age 15-17: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	321	764,050	42.0	15,664
2	Intentional self-harm (suicide) (X60-X84,Y87.0)	59	764,050	7.7	2,884
3	Assault (homicide) (X85-Y09,Y87.1)	33	764,050	4.3	1,607
4	Malignant neoplasms (C00-C97)	22	764,050	2.9	1076
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	17	764,050	2.2	829

Table 48. 10 Leading Rankable Causes of Death among Residents age 18-19: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	296	541,279	54.7	13,766
2	Intentional self-harm (suicide) (X60-X84,Y87.0)	75	541,279	13.9	3,484
3	Assault (homicide) (X85-Y09,Y87.1)	45	541,279	8.3	2,090
4	Malignant neoplasms (C00-C97)	26	541,279	4.8	1,209
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	10	541,279	1.8	466
6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	6	541,279	1.1	279

++ 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, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	632	1,336,183	47.3	27,227
2	Intentional self-harm (suicide) (X60-X84,Y87.0)	215	1,336,183	16.1	9,266
3	Assault (homicide) (X85-Y09,Y87.1)	171	1,336,183	12.8	7,315
4	Malignant neoplasms (C00-C97)	52	1,336,183	3.9	2,225
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	42	1,336,183	3.1	1,809
6	Diabetes mellitus (E10-E14)	14	1,336,183	1.0	598
7	Cerebrovascular diseases (I60-I69)	12	1,336,183	0.9	518
8	Influenza and pneumonia (J10-J18)	11	1,336,183	0.8	477
9	Pregnancy, childbirth and the puerperium (O00-O99)	9	1,336,183	0.7	385
9	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	9	1,336,183	0.7	392

Table 50. 10 Leading Rankable Causes of Death among residents age 25-29: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	448	1,157,993	38.7	17,082
2	Intentional self-harm (suicide) (X60-X84,Y87.0)	202	1,157,993	17.4	7,656
3	Assault (homicide) (X85-Y09,Y87.1)	123	1,157,993	10.6	4,692
4	Malignant neoplasms (C00-C97)	99	1,157,993	8.5	3,754
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	58	1,157,993	5.0	2,177
6	Cerebrovascular diseases (I60-I69)	20	1,157,993	1.7	760
7	Human immunodeficiency virus (HIV) disease (B20-B24)	19	1,157,993	1.6	721
8	Diabetes mellitus (E10-E14)	18	1,157,993	1.6	672
9	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	13	1,157,993	1.1	494
10	Pregnancy, childbirth and the puerperium (O00-O99)	10	1,157,993	0.9	373

Table 51. 10 Leading Rankable Causes of Death among Residents age 30-34: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	482	1,133,312	42.5	15,880
2	Intentional self-harm (suicide) (X60-X84,Y87.0)	215	1,133,312	19.0	7,115
3	Malignant neoplasms (C00-C97)	166	1,133,312	14.6	5,447
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	122	1,133,312	10.8	4,005
5	Assault (homicide) (X85-Y09,Y87.1)	112	1,133,312	9.9	3,698
6	Human immunodeficiency virus (HIV) disease (B20-B24)	61	1,133,312	5.4	1,995
7	Cerebrovascular diseases (I60-I69)	32	1,133,312	2.8	1,044
8	Diabetes mellitus (E10-E14)	27	1,133,312	2.4	890
9	Influenza and pneumonia (J10-J18)	20	1,133,312	1.8	662
10	Chronic liver disease and cirrhosis (K70,K73-K74)	16	1,133,312	1.4	521

++ 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, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	604	1,196,399	50.5	16,799
2	Malignant neoplasms (C00-C97)	341	1,196,399	28.5	9,456
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	338	1,196,399	28.3	9,332
4	Intentional self-harm (suicide) (X60-X84,Y87.0)	252	1,196,399	21.1	7,006
5	Assault (homicide) (X85-Y09,Y87.1)	100	1,196,399	8.4	2,783
6	Human immunodeficiency virus (HIV) disease (B20-B24)	89	1,196,399	7.4	2,472
7	Diabetes mellitus (E10-E14)	65	1,196,399	5.4	1,788
8	Cerebrovascular diseases (I60-I69)	57	1,196,399	4.8	1,578
9	Chronic liver disease and cirrhosis (K70,K73-K74)	53	1,196,399	4.4	1,455
10	Influenza and pneumonia (J10-J18)	33	1,196,399	2.8	909

Table 53. 10 Leading Rankable Causes of Death among residents age 40-44: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	745	1,326,666	56.2	16,874
2	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	702	1,326,666	52.9	16,072
3	Malignant neoplasms (C00-C97)	676	1,326,666	51.0	15,397
4	Intentional self-harm (suicide) (X60-X84,Y87.0)	277	1,326,666	20.9	6,353
5	Cerebrovascular diseases (I60-I69)	147	1,326,666	11.1	3,345
6	Chronic liver disease and cirrhosis (K70,K73-K74)	132	1,326,666	9.9	3,006
7	Diabetes mellitus (E10-E14)	122	1,326,666	9.2	2,800
8	Assault (homicide) (X85-Y09,Y87.1)	104	1,326,666	7.8	2,416
9	Human immunodeficiency virus (HIV) disease (B20-B24)	101	1,326,666	7.6	2,334
10	Viral hepatitis (B15-B19)	60	1,326,666	4.5	1,340

Table 54. 10 Leading Rankable Causes of Death among Residents age 45-49: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Malignant neoplasms (C00-C97)	1,270	1,259,624	100.8	22,681
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	1,234	1,259,624	98.0	22,043
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	650	1,259,624	51.6	11,765
4	Intentional self-harm (suicide) (X60-X84,Y87.0)	266	1,259,624	21.1	4,792
5	Chronic liver disease and cirrhosis (K70,K73-K74)	238	1,259,624	18.9	4,266
6	Cerebrovascular diseases (I60-I69)	173	1,259,624	13.7	3,137
7	Diabetes mellitus (E10-E14)	168	1,259,624	13.3	2,972
8	Viral hepatitis (B15-B19)	106	1,259,624	8.4	1,916
9	Chronic lower respiratory diseases (J40-J47)	102	1,259,624	8.1	1,792
10	Human immunodeficiency virus (HIV) disease (B20-B24)	78	1,259,624	6.2	1,434

++ 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, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Malignant neoplasms (C00-C97)	1,979	1,120,433	176.6	25,366
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	1,828	1,120,433	163.2	23,414
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	469	1,120,433	41.9	6,153
4	Chronic liver disease and cirrhosis (K70,K73-K74)	308	1,120,433	27.5	4,019
5	Diabetes mellitus (E10-E14)	276	1,120,433	24.6	3,476
6	Cerebrovascular diseases (I60-I69)	257	1,120,433	22.9	3,285
7	Chronic lower respiratory diseases (J40-J47)	209	1,120,433	18.7	2,677
8	Intentional self-harm (suicide) (X60-X84,Y87.0)	204	1,120,433	18.2	2,688
9	Viral hepatitis (B15-B19)	93	1,120,433	8.3	1,192
10	Influenza and pneumonia (J10-J18)	80	1,120,433	7.1	1,039

Table 56. 10 Leading Rankable Causes of Death among residents age 55-59: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Malignant neoplasms (C00-C97)	2,860	933,152	306.5	22,519
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	2,510	933,152	269.0	19,881
3	Chronic lower respiratory diseases (J40-J47)	418	933,152	44.8	3,209
4	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	383	933,152	41.0	3,109
5	Cerebrovascular diseases (I60-I69)	310	933,152	33.2	2,445
6	Diabetes mellitus (E10-E14)	301	933,152	32.3	2,388
7	Chronic liver disease and cirrhosis (K70,K73-K74)	227	933,152	24.3	1,835
8	Intentional self-harm (suicide) (X60-X84,Y87.0)	153	933,152	16.4	1,224
9	Septicemia (A40-A41)	109	933,152	11.7	861
10	Influenza and pneumonia (J10-J18)	100	933,152	10.7	789

Table 57. 10 Leading Rankable Causes of Death among Residents age 60-64: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Malignant neoplasms (C00-C97)	3,694	756,147	488.5	10,724
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	3,234	756,147	427.7	9,493
3	Chronic lower respiratory diseases (J40-J47)	750	756,147	99.2	2,196
4	Diabetes mellitus (E10-E14)	435	756,147	57.5	1,289
5	Cerebrovascular diseases (I60-I69)	411	756,147	54.4	1,141
6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	293	756,147	38.7	930
7	Chronic liver disease and cirrhosis (K70,K73-K74)	205	756,147	27.1	637
8	Septicemia (A40-A41)	146	756,147	19.3	441
9	Influenza and pneumonia (J10-J18)	145	756,147	19.2	394
10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	112	756,147	14.8	313

++ 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, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Malignant neoplasms (C00-C97)	4,492	651,398	689.6	-
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	3,886	651,398	596.6	-
3	Chronic lower respiratory diseases (J40-J47)	1,158	651,398	177.8	-
4	Cerebrovascular diseases (I60-I69)	648	651,398	99.5	-
5	Diabetes mellitus (E10-E14)	519	651,398	79.7	-
6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	279	651,398	42.8	-
7	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	215	651,398	33.0	-
8	Chronic liver disease and cirrhosis (K70,K73-K74)	196	651,398	30.1	-
9	Septicemia (A40-A41)	186	651,398	28.6	-
10	Influenza and pneumonia (J10-J18)	175	651,398	26.9	-

Table 59. 10 Leading Rankable Causes of Death among residents age 70-74: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Malignant neoplasms (C00-C97)	5,499	572,411	960.7	-
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	5,256	572,411	918.2	-
3	Chronic lower respiratory diseases (J40-J47)	1,629	572,411	284.6	-
4	Cerebrovascular diseases (I60-I69)	1,046	572,411	182.7	-
5	Diabetes mellitus (E10-E14)	663	572,411	115.8	-
6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	410	572,411	71.6	-
7	Influenza and pneumonia (J10-J18)	292	572,411	51.0	-
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	255	572,411	44.5	-
9	Septicemia (A40-A41)	231	572,411	40.4	-
10	Alzheimer's disease (G30)	208	572,411	36.3	-

Table 60. 10 Leading Rankable Causes of Death among Residents age 75-79: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	7,209	472,119	1526.9	-
2	Malignant neoplasms (C00-C97)	5,792	472,119	1226.8	-
3	Non Rankable Causes	2,132	472,119	451.6	-
4	Chronic lower respiratory diseases (J40-J47)	1,951	472,119	413.2	-
5	Cerebrovascular diseases (I60-I69)	1,721	472,119	364.5	-
6	Diabetes mellitus (E10-E14)	822	472,119	174.1	-
7	Influenza and pneumonia (J10-J18)	529	472,119	112.0	-
8	Alzheimer's disease (G30)	471	472,119	99.8	-
9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	432	472,119	91.5	-
10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	416	472,119	88.1	-

++ 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, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	8,851	326,829	2708.1	-
2	Malignant neoplasms (C00-C97)	4,694	326,829	1436.2	-
3	Cerebrovascular diseases (I60-I69)	2,263	326,829	692.4	-
4	Chronic lower respiratory diseases (J40-J47)	1,717	326,829	525.4	-
5	Alzheimer's disease (G30)	861	326,829	263.4	-
6	Diabetes mellitus (E10-E14)	812	326,829	248.4	-
7	Influenza and pneumonia (J10-J18)	807	326,829	246.9	-
8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	471	326,829	144.1	-
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	470	326,829	143.8	-
10	Septicemia (A40-A41)	345	326,829	105.6	-

Table 62. 10 Leading Rankable Causes of Death among residents age 85+: Oklahoma, 2000-2004

	ICD-10 Rankable Causes of Death	*Deaths*	*Population*	*Death Rate*	*YPLL Before the Age of 65*
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	18,888	276,307	6835.9	-
2	Malignant neoplasms (C00-C97)	4,873	276,307	1763.6	-
3	Cerebrovascular diseases (I60-I69)	4,757	276,307	1721.6	-
4	Influenza and pneumonia (J10-J18)	2,090	276,307	756.4	-
5	Alzheimer's disease (G30)	2,058	276,307	744.8	-
6	Chronic lower respiratory diseases (J40-J47)	1,895	276,307	685.8	-
7	Diabetes mellitus (E10-E14)	1,020	276,307	369.2	-
8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	976	276,307	353.2	-
9	Atherosclerosis (I70)	971	276,307	351.4	-
10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	949	276,307	343.5	-

++ 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, 2004

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

		Age of decedent													
County	*Total*	*< 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*	*Unk*	*Crude Rate*	*Age-Adj Rate*
State	34,311	406	82	93	531	582	1,276	2,639	4,126	6,162	9,366	9,024	21	973.8	976.7
Adair	206	5	-	3	5	5	11	18	28	50	33	48	-	951.2	1,070.6
Alfalfa	74	-	1	-	.	-	1	2	9	5	27	29	-	1,273.7	809.5
Atoka	146	1	2	-	2	1	5	11	16	34	47	27	-	1,024.2	970.5
Beaver	61	1	-	-	1	-	3	1	2	14	12	27	-	1,114.4	808.6
Beckham	230	2	1	1	-	3	8	19	30	40	57	69	-	1,188.8	1,044.0
Blaine	138	-	-	1	1	4	2	11	14	26	36	43	-	1,222.3	948.7
Bryan	472	8	2	-	6	6	11	33	47	74	132	153	-	1,250.1	1,115.6
Caddo	338	3	-	1	5	3	18	21	35	71	81	100	-	1,120.4	1,047.2
Canadian	676	11	1	2	10	15	23	51	92	123	158	189	1	707.8	891.0
Carter	632	4	-	-	3	11	26	49	81	124	173	161	-	1,342.2	1,165.2
Cherokee	428	7	2	3	8	6	24	33	53	86	111	95	-	970.4	1,096.4
Choctaw	229	2	2	1	5	2	9	15	35	38	73	47	-	1,482.1	1,222.6
Cimarron	32	1	-	-	-	-	-	1	2	9	10	9	-	1,104.6	769.2
Cleveland	1,418	13	4	2	29	15	52	119	218	255	377	334	-	638.5	914.9
Coal	82	3	-	-	2	-	2	2	9	14	22	28	-	1,383.3	1,090.1
Comanche	869	9	4	3	15	11	41	82	99	168	227	210	-	786.3	989.8
Cotton	98	-	-	-	5	2	2	7	10	16	33	23	-	1,504.5	1,221.2
Craig	204	2	1	-	1	1	5	10	25	40	61	58	-	1,371.6	1,154.5
Creek	672	6	4	-	6	13	26	59	98	145	181	134	-	978.7	975.8
Custer	260	-	1	-	4	5	10	17	23	47	84	69	-	1,030.5	973.6
Delaware	419	-	1	-	6	5	16	31	48	74	119	119	-	1,071.9	915.8
Dewey	85	1	-	-	2	1	1	3	11	19	23	24	-	1,821.3	1,205.6
Ellis	41	-	-	-	-	-	2	1	5	8	12	13	-	1,042.7	657.3
Garfield	684	8	3	-	9	6	19	45	83	112	183	216	-	1,194.1	1,012.6
Garvin	372	4	-	2	5	9	16	30	37	72	91	106	-	1,366.2	1,077.8
Grady	467	4	-	2	6	5	17	40	60	70	128	135	-	969.4	1,014.4
Grant	61	-	-	-	2	-	1	4	4	12	10	28	-	1,264.5	813.1
Greer	73	-	-	-	-	1	7	6	4	18	17	20	-	1,248.1	917.2
Harmon	45	-	-	-	2	-	-	2	2	9	14	16	-	1,501.5	992.2
Harper	48	-	-	-	1	-	3	4	2	10	13	15	-	1,413.0	969.2
Haskell	146	-	-	1	3	1	7	7	19	38	30	40	-	1,207.8	1,010.1
Hughes	192	1	2	3	3	4	8	16	18	23	51	63	-	1,369.9	1,104.5
Jackson	279	3	-	3	1	6	7	18	25	47	73	96	-	1,026.4	1,090.8
Jefferson	85	1	-	1	-	-	3	3	14	16	27	20	-	1,315.8	973.6
Johnston	141	-	1	1	4	3	5	9	13	33	35	37	-	1,350.6	1,169.0
Kay	594	7	1	1	8	6	21	36	68	93	164	189	-	1,270.3	1,002.3
Kingfisher	153	1	-	-	3	5	6	6	12	36	43	41	-	1,079.3	963.6
Kiowa	157	1	1	-	-	3	5	11	19	24	40	53	-	1,589.2	1,122.8
Latimer	115	2	1	-	4	2	7	10	15	19	25	30	-	1,080.1	998.3
Leflore	494	7	-	1	7	7	10	45	61	93	118	145	-	1,004.9	981.9

-Denote no events in that category

Table 63. Number of deaths by the age of the decedent: Oklahoma and each County, 2004

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

		Age of decedent													
County	*Total*	*< 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*	*Unk*	*Crude Rate*	*Age-Adj Rate*
State	34,311	406	82	93	531	582	1,276	2,639	4,126	6,162	9,366	9,024	21	973.8	976.7
Lincoln	349	3	-	-	10	7	15	22	40	66	90	96	-	1,077.6	1,057.3
Logan	292	5	-	-	6	2	12	23	32	55	80	77	-	804.4	882.7
Love	91	-	-	-	2	2	1	3	17	11	25	30	-	996.4	803.6
McClain	269	5	2	1	6	4	9	20	33	51	77	61	-	925.4	1,023.9
McCurtain	428	-	1	4	10	5	21	38	64	77	102	106	-	1,257.1	1,239.2
McIntosh	279	3	-	1	3	2	10	19	39	54	84	64	-	1,399.3	1,015.3
Major	102	1	-	-	3	4	2	2	13	17	23	37	-	1,385.3	994.3
Marshall	187	1	1	-	3	1	5	10	16	41	61	48	-	1,349.2	1,032.6
Mayes	418	2	-	1	5	6	12	27	43	70	115	137	-	1,064.3	989.6
Murray	171	1	-	-	4	2	6	13	24	22	50	49	-	1,348.4	1,081.2
Muskogee	829	5	3	3	15	11	29	71	96	160	208	228	-	1,173.8	1,036.8
Noble	108	2	-	-	2	1	1	11	10	30	28	23	-	961.5	845.1
Nowata	125	2	-	-	1	1	4	9	12	29	43	24	-	1,166.4	955.7
Okfuskee	186	2	-	-	4	3	7	13	23	38	51	45	-	1,598.4	1,340.2
Oklahoma	6,152	119	17	11	78	120	264	560	768	1,044	1,692	1,476	3	903.6	962.8
Okmulgee	485	7	-	-	10	5	16	33	83	85	122	124	-	1,215.8	1,097.8
Osage	359	2	2	-	5	8	12	39	51	77	80	83	-	794.6	782.1
Ottawa	414	4	1	5	3	4	10	22	58	73	131	101	2	1,264.6	1,072.2
Pawnee	179	1	-	3	2	5	7	10	24	28	57	42	-	1,063.3	959.1
Payne	529	5	-	2	8	14	19	26	40	90	151	174	-	759.2	870.1
Pittsburg	498	7	-	2	8	11	20	33	53	104	121	139	-	1,133.1	934.0
Pontotoc	391	4	3	1	7	8	8	28	46	73	107	106	-	1,116.9	1,028.9
Pottawatomie	720	5	3	1	6	20	25	61	93	137	208	161	-	1,072.8	1,069.1
Pushmataha	168	-	-	-	4	-	5	15	17	47	43	37	-	1,434.1	1,137.8
Roger Mills	35	1	-	-	-	-	2	2	5	4	9	12	-	1,073.9	751.1
Rogers	613	8	1	2	12	8	20	37	73	129	174	149	-	775.5	919.4
Seminole	319	3	-	2	6	7	9	24	44	63	66	95	-	1,292.6	1,071.5
Sequoyah	395	3	1	1	7	8	13	28	52	77	114	91	-	973.4	1,020.3
Stephens	556	6	-	1	6	9	15	39	56	108	167	149	-	1,298.3	1,056.8
Texas	134	4	1	1	4	3	6	6	17	23	41	28	-	660.2	829.0
Tillman	121	1	2	-	-	-	6	7	7	19	34	45	-	1,377.3	935.1
Tulsa	5,064	61	7	17	102	112	198	400	570	810	1,487	1,298	2	889.8	969.8
Wagoner	443	5	-	1	9	8	16	33	73	88	106	104	-	702.6	896.8
Washington	543	4	2	-	5	7	18	30	53	80	153	191	-	1,107.6	850.2
Washita	143	1	-	-	-	1	1	12	15	25	43	45	-	1,242.2	881.4
Woods	115	-	-	-	-	1	1	3	8	15	38	49	-	1,341.9	841.7
Woodward	169	5	.	1	1	5	11	22	12	37	34	41	-	901.8	824.0
Unknown	16	-	-	-	1	1	2	2	3	2	-	3	2	-	-

-Denote no events in that category

Table 64. Number of infant deaths by cause of death: Oklahoma, 2004

Cause of death by ICD-10 Code	*Total*
All deaths	**406**
Certain Infectious & Parasitic Disease (A00-B99)	**11**
Certain intestinal infectious diseases (A00-A08)	1
Septicemia(A40-A41)	7
Other and unspecified viral diseases(A81-B00,B02-B04,B06-B19,B25,B27-B34)	1
Candidiasis(B37)	2
Neoplasms (C00-D48)	**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**
Anemias (D50-D64)	1
Endocrine, Nutritional, & Metabolic Diseases (E00-E88)	**3**
Short stature, not elsewhere classified (E34.3)	1
Nutritional deficiencies (E40-E64)	1
All other endocrine, nutritional and metabolic diseases(E00-E32,E34.0-E34.2,E34.4-E34.9,E65-E83,E85,E88)	1
Diseases of the Nervous System (G00-G98)	**5**
Meningitis (G00, G03)	2
Infantile cerebral palsy (G80)	1
Other diseases of nervous system(G04,G06-G11,G12.1-G12.9,G20-G72,G81-G92,G93.0,G93.2-G93.9,G95-G98)	2
Diseases of the Circulatory System (I00-I99)	**13**
Pulmonary heart disease and disease of pulmonary circulation (I26-I28)	3
Cardiomyopathy (I42)	3
Cardiac arrest(I46)	1
Cerebrovascular diseases(I60-I69)	3
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)	**25**
Pneumonia(J12-J18)	8
Acute bronchitis and acute bronchiolitis(J20-J21)	4
Bronchitis, chronic and unspecified(J40-J42)	1
Other and unspecified diseases of respiratory system(J22,J30-J39,J43-J44,J47-J68,J70-J98)	12
Diseases of the Digestive System (K00-K92)	**7**
Gastritis, duodenitis, and noninfective enteritis and colitis(K29,K50-K55)	5
Hernia of abdominal cavity and intestinal obstruction without hernia(K40-K46,K56)	1
All other and unspecified diseases of digestive system(K00-K28,K30-K38,K57-K92)	1
Disease of the Genitourinary System (N00-N98)	**5**
Renal failure and other disorders of kidney(N17-N19,N25,N27)	3
Other and unspecified diseases of genitourinary system (N00-N15, N20-N23, N26, N28-N95)	2
Certain Conditions Originating in the Perinatal Period (P00-P96)	**157**
Newborn affected by incompetent cervix(P01.0)	1
Newborn affected by premature rupture of membranes(P01.1)	6
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)	5
Newborn affected by complications involving cord (P02.0-P02.3)	1
Newborn affected by chorioamnionitis(P02.7)	4
Newborn affected by other complications of labor and delivery(P03)	1
Extremely low birth weight or extreme immaturity(P07.0,P07.2)	44
Other low birth weight or preterm(P07.1,P07.3)	7
Intrauterine hypoxia(P20)	1
Birth asphyxia(P21)	4

Table 64. Number of infant deaths by cause of death: Oklahoma, 2004

Cause of death by ICD-10 Code	*Total*
All deaths	**406**
Certain Conditions Originating in the Perinatal Period (P00-P96) Continued	
Respiratory distress of newborn(P22)	18
Congenital pneumonia(P23)	4
Neonatal aspiration syndromes (P24)	3
Interstitial emphysema and related conditions originating in the perinatal period(P25)	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)	2
Bacterial sepsis of newborn(P36)	14
All other infections specific to the perinatal period (p35, P37, P39)	1
Neonatal hemorrhage(P50-P52,P54)	5
Necrotizing enterocolitis of newborn(P77)	6
Other perinatal conditions(P29,P70.3-P70.9,P71-P76,P78-P81,P83.0-P83.1,P83.3-P83.9,P90-P96)	20
Congenital Malformations, Deformations, & Chromosomal Abnormalities (Q00-Q99)	**83**
Anencephaly and similar malformations(Q00)	7
Congenital hydrocephalus(Q03)	1
Other congenital malformations of nervous system(Q01-Q02,Q04,Q06-Q07)	5
Congenital malformations of heart(Q20-Q24)	21
Other congenital malformations of circulatory system(Q25-Q28)	3
Congenital malformations of respiratory system(Q30-Q34)	10
Congenital malformationof digestive system (Q35-Q45)	3
Congenital malformations of genitourinary system(Q50-Q64)	6
Congenital malformations and deformations of musculoskeletal system, limbs and integument(Q65-Q85)	9
Down s syndrome(Q90)	1
Edward s syndrome(Q91.0-Q91.3)	4
Patau s syndrome(Q91.4-Q91.7)	2
Other congenital malformations and deformations(Q10-Q18,Q86-Q89)	9
Other chromosomal abnormalities, not elsewhere classified (Q92-Q99)	2
Symptoms, Signs, & Abnormal Clinical & Laboratory Findings,	**63**
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R53,R55-R94,R96-R99)	21
Sudden infant death syndrome(R95)	41
All other diseases (Residual) (F01-F99, H00-H57, L00-M99)	1
External Causes of Morbidity & Mortality (V01-Y89)	**32**
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)	3
Accidental drowning and submersion(W65-W74)	3
Accidental suffocation and strangulation in bed(W75)	6
Other accidental suffocation and strangulation(W76-W77,W81-W84)	1
Other and unspecified accidents(W20-W31,W35-W64,W85-W99,X10-X39,X50-X59)	2
Neglect, abandonment and other maltreatment syndromes(Y06-Y07)	2
Assault (homicide) by other and unspecified means(X85-X90,X92,X96-Y05,Y08-Y09)	3
Other external causes(X60-X84,Y10-Y36)	12

Table 65. Infant, neonatal, post-neonatal, fetal, and perinatal mortality: Oklahoma and each County, 2000-2004

NOTE: See definitions for explanation of rates.

	Infant		*Neonatal*		*Post-Neonatal*		*Fetal*		*Perinatal*	
County	*Number*	*Rate*	*Number*	*Rate*	*Number*	*Rate*	*Number*	*Rate*	*Number*	*Rate*
State	1989	7.9	1178	4.7	808	3.2	1572	6.2	2750	10.9
Adair	18	9.5	15	7.9	3	1.6	5	2.6	20	10.6
Alfalfa				0.0		0.0	1	4.7	1	4.9
Atoka	9	11.4	5	6.3	4	5.1	2	2.5	7	8.8
Beaver	1	3.0	1	3.0	0	0.0	1	3.0	-	-
Beckham	8	5.8	5	3.6	3	2.2	10	7.2	15	10.9
Blaine	5	7.6	2	3.0	3	4.6	6	9.1	8	12.2
Bryan	18	7.2	10	4.0	8	3.2	6	2.4	16	6.4
Caddo	24	11.3	11	5.2	13	6.1	10	4.7	21	9.9
Canadian	46	7.8	28	4.7	18	3.0	25	4.2	53	9.0
Carter	17	5.2	11	3.4	6	1.8	15	4.6	26	8.0
Cherokee	22	7.2	12	3.9	10	3.3	17	5.6	29	9.5
Choctaw	12	10.8	6	5.4	6	5.4	2	1.8	8	7.2
Cimarron	2	11.8	1	5.9	1	5.9		0.0	-	-
Cleveland	77	6.0	45	3.5	32	2.5	45	3.5	90	7.0
Coal	8	21.2	3	7.9	5	13.2	3	7.9	6	15.9
Comanche	57	6.0	36	3.8	21	2.2	42	4.4	78	8.2
Cotton	2	5.3	2	5.3		0.0	3	8.0	5	13.3
Craig	6	6.2	3	3.1	3	3.1	7	7.2	10	10.4
Creek	32	7.2	21	4.7	11	2.5	20	4.5	41	9.2
Custer	8	4.5	5	2.8	3	1.7	7	3.9	12	6.7
Delaware	9	4.1	2	0.9	7	3.2	6	2.7	8	3.6
Dewey	3	11.3	2	7.5	1	3.8	2	7.5	4	15.1
Ellis				0.0		0.0	1	4.5	1	4.5
Garfield	43	10.0	31	7.2	12	2.8	28	6.5	59	13.8
Garvin	14	7.8	5	2.8	9	5.0	11	6.1	16	8.9
Grady	19	6.3	13	4.3	6	2.0	18	6.0	31	10.3
Grant	1	4.5		0.0	1	4.5	1	4.5	-	-
Greer	1	3.1		0.0	1	3.1	1	3.1	2	6.3
Harmon	3	16.0	2	10.7	1	5.3		0.0	2	10.7
Harper	2	10.2	1	5.1	1	5.1	1	5.1	2	10.2
Haskell	8	9.7	3	3.6	5	6.1	2	2.4	5	6.1
Hughes	10	11.6	5	5.8	5	5.8	5	5.8	10	11.6
Jackson	14	6.2	7	3.1	7	3.1	9	4.0	16	7.0
Jefferson	2	5.1		0.0	2	5.1	1	2.5	1	2.6
Johnston				0.0		0.0	4	6.3	4	6.3
Kay	25	7.4	15	4.4	10	2.9	24	7.1	39	11.5
Kingfisher	5	5.4	3	3.2	2	2.2	322	347.4	325	350.6
Kiowa	8	12.7	3	4.8	5	7.9	2	3.2	5	7.9
Latimer	8	13.7	6	10.3	2	3.4	1	1.7	7	12.0
Leflore	28	7.5	16	4.3	12	3.2	9	2.4	25	6.7

-Denote no events in that category

Table 65. Infant, neonatal, post-neonatal, fetal, and perinatal mortality: Oklahoma and each County, 2000-2004

NOTE: See definitions for explanation of rates.

	Infant		*Neonatal*		*Post-Neonatal*		*Fetal*		*Perinatal*	
County	*Number*	*Rate*	*Number*	*Rate*	*Number*	*Rate*	*Number*	*Rate*	*Number*	*Rate*
State	1989	7.9	1178	4.7	808	3.2	1572	6.2	2750	10.9
Lincoln	16	8.1	10	5.1	6	3.0	13	6.6	23	11.6
Logan	15	7.3	6	2.9	9	4.4	8	3.9	14	6.8
Love	3	5.6	1	1.9	2	3.7	4	7.5	5	9.4
McClain	13	6.7	10	5.2	3	1.6	8	4.1	18	9.3
McCurtain	15	6.1	8	3.2	7	2.8	14	5.7	22	8.9
McIntosh	12	10.8	7	6.3	5	4.5	4	3.6	11	9.9
Major	7	18.2	3	7.8	4	10.4	1	2.6	4	10.4
Marshall	6	7.0	3	3.5	3	3.5	6	7.0	9	10.4
Mayes	16	6.1	7	2.7	9	3.4	16	6.1	23	8.8
Murray	6	7.8	4	5.2	2	2.6	5	6.5	9	11.6
Muskogee	30	6.1	12	2.4	18	3.7	40	8.2	52	10.6
Noble	3	4.1	2	2.7	1	1.4	4	5.4	6	8.1
Nowata	5	7.9	4	6.3	1	1.6	8	12.6	12	19.0
Okfuskee	4	5.7	2	2.8	2	2.8	6	8.5	8	11.3
Oklahoma	535	9.4	330	5.8	205	3.6	292	5.1	622	10.9
Okmulgee	31	11.4	16	5.9	15	5.5	25	9.2	41	15.1
Osage	15	6.4	9	3.8	6	2.6	8	3.4	17	7.3
Ottawa	15	7.1	7	3.3	8	3.8	6	2.8	13	6.1
Pawnee	4	3.9	3	3.0	1	1.0	1	1.0	4	3.9
Payne	25	5.9	11	2.6	14	3.3	18	4.3	29	6.9
Pittsburg	29	11.3	17	6.6	12	4.7	13	5.1	30	11.7
Pontotoc	21	8.5	14	5.6	7	2.8	14	5.6	28	11.3
Pottawatomie	43	9.6	18	4.0	25	5.6	32	7.1	50	11.1
Pushmataha	7	10.6	3	4.5	4	6.0	3	4.5	6	9.1
Roger Mills	2	9.2	2	9.2		0.0		0.0	2	9.2
Rogers	26	5.6	14	3.0	12	2.6	14	3.0	28	6.0
Seminole	18	9.5	14	7.4	4	2.1	6	3.2	20	10.6
Sequoyah	21	7.7	12	4.4	9	3.3	4	1.5	16	5.9
Stephens	17	6.4	3	1.1	14	5.3	9	3.4	12	4.5
Texas	14	7.2	10	5.1	4	2.0	10	5.1	20	10.2
Tillman	7	12.6	5	9.0	2	3.6	3	5.4	8	14.4
Tulsa	362	7.8	239	5.1	123	2.6	176	3.8	415	8.9
Wagoner	26	6.9	15	4.0	11	2.9	13	3.5	28	7.4
Washington	19	6.5	10	3.4	9	3.1	8	2.7	18	6.1
Washita	6	9.2	3	4.6	3	4.6	4	6.1	7	10.8
Woods	2	4.6	1	2.3	1	2.3	3	6.9	4	9.2
Woodward	11	8.3	6	4.5	5	3.8	6	4.5	12	9.0
Unknown	7	-	4	-	3	-	92	-	96	-

-Denote no events in that category

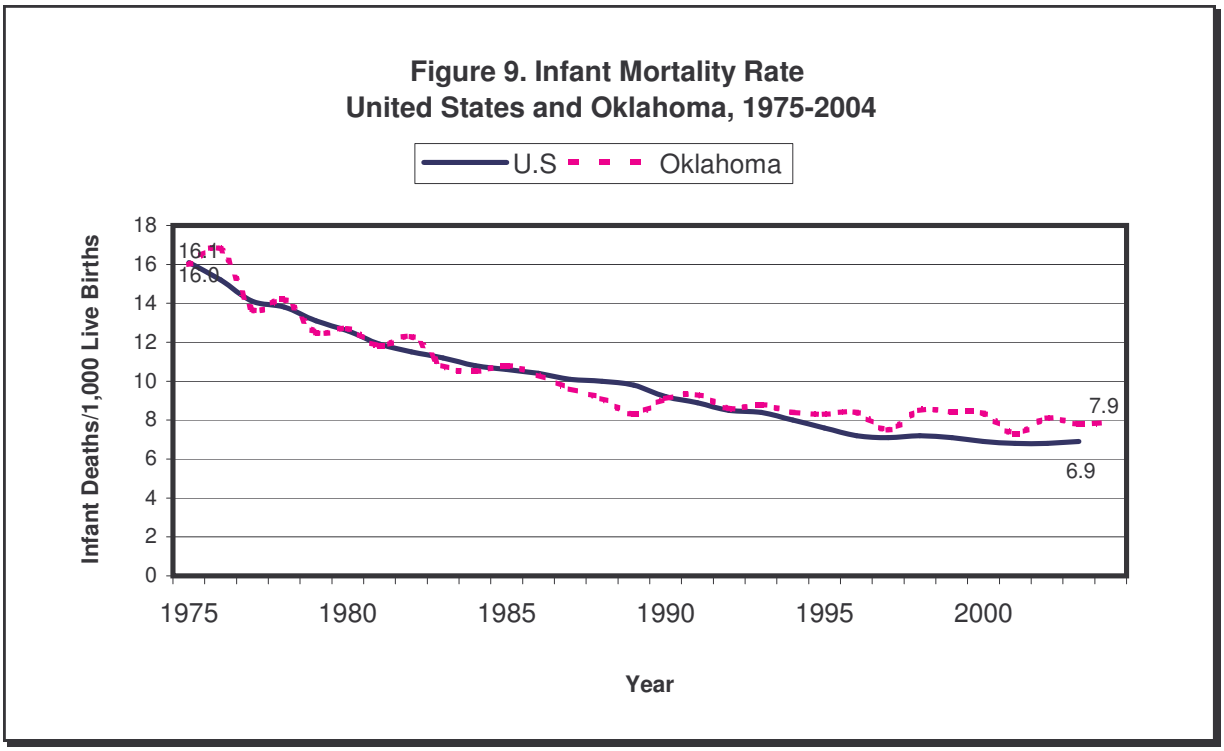


Figure 9. Infant Mortality Rate
United States and Oklahoma, 1975-2004
U.S
Oklahoma
Infant Deaths/1,000 Live Births
18
16
14
12
10
8
6
4
2
0
16.1
16.0
7.9
6.9
1975
1980
1985
1990
1995
2000
Year

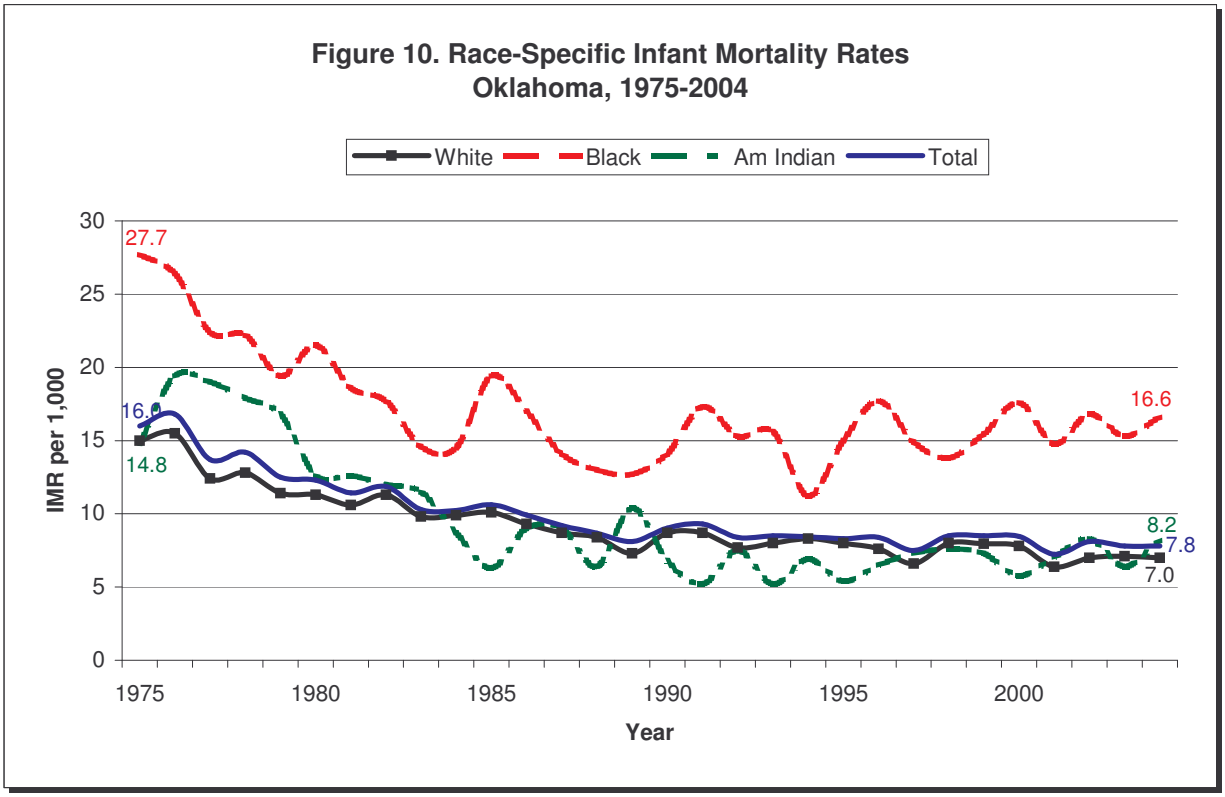


Figure 10. Race-Specific Infant Mortality Rates
Oklahoma, 1975-2004
White
Black
Am Indian
Total
IMR per 1,000
30
25
20
15
10
5
0
27.7
16.6
16.0
14.8
8.2
7.8
7.0
1975
1980
1985
1990
1995
2000
Year

Table 66. Race-specific infant deaths and infant mortality rates: Oklahoma, 1975-2004

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

	Number of infant deaths				*Infant mortality rate*			
Year	*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	84	30	420	7.8	17.6	5.8	8.4
2001	249	68	37	362	6.4	14.8	7.0	7.2
2002	274	79	43	406	7.0	16.8	8.3	8.1
2003	280	70	34	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

[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, 2004

Cause of death by ICD-10 Code	*1-4 years*	*5-9 years*	*10-14 years*	*15-17 years*	*18-19 years*	*Total*
All deaths	**82**	**50**	**43**	**112**	**109**	**396**
Certain Infectious & Parasitic Disease (A00-B99)	**2**	**2**	**0**	**2**	**0**	**6**
Septicemia (A40-A41)	2	1	-	1	-	4
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	-	1	-	2
Neoplasms (C00-D48)	**7**	**6**	**4**	**5**	**8**	**30**
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	-	-	-	-	1	1
Malignant neoplasm of ovary (C56)	-	-	-	-	1	1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1	1	1	1	2 9	6
Hodgkin's disease (C81)	-	-	-	-	1	1
Leukemia (C91-C95)	3	-	1	2	- 9	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)	2	1	2	-	2 5 2	7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	1	3	-	1	1	6
Anemias (D50-D64)	-	1	-	1	-	2
Diabetes Mellitus (E10-E14)	**0**	**0**	**0**	**0**	**1**	**1**
Diseases of the Circulatory System (I00-I99)	**4**	**2**	**1**	**1**	**2**	**10**
Other acue ischemic heart diseases (I24)	1	-	-	-	-	1
All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)	-	-	-	1	-	1
All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)	3	-	1	-	1	5
Cerebrovascular diseases (I60-I69)	-	2	-	-	-	2
Other diseases of arteries, arterioles and capillaries (I72-I78)	-	-	-	-	1	1
Diseases of the Respiratory System (J00-J98)	**5**	**2**	**2**	**1**	**3**	**13**
Pneumonia (J12-J18)	3	1	1	-	2	7
Other chronic lower respiratory diseases (J44,J47)	-	-	-	1	-	1
Asthma (J45-J46)	-	-	1	-	-	1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	1	-	-	1	4
Diseases of the Digestive System (K00-K92)	**1**	**0**	**0**	**0**	**0**	**1**
Peptic ulcer (K25-K28)	1	-	-	-	-	1
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	**0**	**0**	**0**	**0**	**2**	**2**
Certain Conditions Originating in the Perinatal Period (P00-P96)	**1**	**0**	**0**	**0**	**0**	**1**
Certain conditions originating in the perinatal period (P00-P96)	1	-	-	-	-	1
Congenital Malformations, Deformations, & Chromosomal Abnormalities (Q00-Q99)	**6**	**2**	**2**	**0**	**0**	**10**
Symptoms, Signs, & Abnormal Clinical & Laboratory Findings, Not Elsewhere Classified (R00-R99)	**13**	**8**	**8**	**7**	**5**	**41**
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	2	2	1	3	1	9
All other diseases (Residual) (D65-E07,E15-E34,E65-F99,G04-G12,G23-G25,G31-H93,K00-K22,K29-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)	11	6	7	4	4	32
External Causes of Morbidity & Mortality (V01-Y89)	**43**	**28**	**26**	**96**	**88**	**281**
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)	12	12	14	54	49	141
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)	1	1	-	-	1	3
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)	-	-	-	-	1	1

-Denote no events in that category

Table 67. Number of child deaths by cause of death and age of decedent: Oklahoma, 2004

Cause of death by ICD-10 Code	*1-4 years*	*5-9 years*	*10-14 years*	*15-17 years*	*18-19 years*	*Total*
All deaths	**82**	**50**	**43**	**112**	**109**	**396**
Falls (W00-W19)	-	1	-	1	1	3
Accidental discharge of firearms (W32-W34)	-	1	-	1	1	3
Accidental drowning and submersion (W65-W74)	10	3	3	7	1	24
Accidental exposure to smoke, fire and flames (X00-X09)	7	3	-	-	-	10
Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99, X10-X39,X50-X59,Y86)	5	3	2	4	3	17
Accidental poisoning and exposure to noxious substances (X40-X49)	-	1	1	8	10	20
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	-	-	1	4	8	13
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71,X75-X84,Y87.0)	-	-	2	7	8	17
Assault (homicide) by discharge of firearms (X93-X95)	1	1	2	7	2	13
Assault (homicide) by other and unspecified means and their sequelae (X85-X92,X96-Y09,Y87.1)	6	1	1	2	3	13
Legal intervention (Y35,Y89.0)	-	-	-	1	-	1
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)	1	1	-	-	-	2

-Denote no events in that category

Table 68. Number of child deaths by age of child and county of residence: Oklahoma, 2004

County	< 1 year	1-4 years	5-9 years	10-14 years	15-17 years	18-19 years	1-19 years
State	406	82	50	43	112	109	802
Adair	5	-	1	2	1	1	10
Alfalfa	-	1	-	-	-	-	1
Atoka	1	2	-	-	1	-	4
Beaver	1	.	-	-	1	-	2
Beckham	2	1	1	-	-	-	4
Blaine	-	-	1	-	-	-	1
Bryan	8	2	-	-	1	3	14
Caddo	3	-	1	-	-	1	5
Canadian	11	1	-	2	1	1	16
Carter	4	-	-	-	1	2	7
Cherokee	7	2	3	-	3	-	15
Choctaw	2	2	-	1	-	1	6
Cimarron	1	-	-	-	-	-	1
Cleveland	13	4	1	1	7	4	30
Coal	3	-	-	-	-	-	3
Comanche	9	4	2	1	2	1	19
Cotton	-	-	-	-	1	2	3
Craig	2	1	-	-	-	-	3
Creek	6	4	-	-	-	2	12
Custer	-	1	-	-	2	1	4
Delaware	-	1	-	-	1	1	3
Dewey	1	-	-	-	-	2	3
Ellis	-	-	-	-	-	-	0
Garfield	8	3	-	-	1	5	17
Garvin	4	-	1	1	3	1	10
Grady	4	-	-	2	-	-	6
Grant	-	-	-	-	-	1	1
Greer	-	-	-	-	-	-	0
Harmon	-	-	-	-	-	1	1
Harper	-	-	-	-	-	-	0
Haskell	-	-	1	-	2	1	4
Hughes	1	2	1	2	1	1	8
Jackson	3	-	-	3	1	-	7
Jefferson	1	-	-	1	-	-	2
Johnston	-	1	1	-	-	1	3
Kay	7	1	-	1	3	1	13
Kingfisher	1	-	-	-	1	1	3
Kiowa	1	1	-	-	-	-	2
Latimer	2	1	-	-	2	-	5
Leflore	7	-	-	1	2	3	13

- Denotes no events in that category.

Table 68. Number of child deaths by age of child and county of residence: Oklahoma, 2004

County	< 1 year	1-4 years	5-9 years	10-14 years	15-17 years	18-19 years	1-19 years
State	406	82	50	43	112	109	802
Lincoln	3	-	-	-	4	2	9
Logan	5	-	-	-	1	2	8
Love	-	-	-	-	1	-	1
McClain	5	2	1	-	-	3	11
McCurtain	-	1	1	3	-	2	7
McIntosh	3	-	1	-	1	-	5
Major	1	-	-	-	-	1	2
Marshall	1	1	-	-	1	1	4
Mayes	2	-	1	-	1	1	5
Murray	1	-	-	-	1	1	3
Muskogee	5	3	-	3	1	1	13
Noble	2	-	-	-	-	-	2
Nowata	2	-	-	-	-	-	2
Okfuskee	2	-	-	-	2	1	5
Oklahoma	119	17	6	5	19	17	183
Okmulgee	7	-	-	-	3	1	11
Osage	2	2	-	-	-	2	6
Ottawa	4	1	1	4	1	-	11
Pawnee	1	-	3	-	-	-	4
Payne	5	-	2	-	1	2	10
Pittsburg	7	-	2	-	2	-	11
Pontotoc	4	3	1	-	3	-	11
Pottawatomie	5	3	1	-	1	1	11
Pushmataha	-	-	-	-	1	1	2
Roger Mills	1	-	-	-	-	-	1
Rogers	8	1	1	1	4	2	17
Seminole	3	-	1	1	1	1	7
Sequoyah	3	1	1	-	4	2	11
Stephens	6	-	-	1	1	1	9
Texas	4	1	1	-	1	-	7
Tillman	1	2	-	-	-	-	3
Tulsa	61	7	10	7	15	26	126
Wagoner	5	-	1	-	3	-	9
Washington	4	2	-	-	1	-	7
Washita	1	-	-	-	-	-	1
Woods	-	-	-	-	-	-	0
Woodward	5	-	1	-	-	-	6

- Denotes no events in that category.

Table 69. Number of child deaths by age and sex of child and county of residence: Oklahoma, 2004

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

- Denotes no events in that category.

Table 69. Number of child deaths by age and sex of child and county of residence: Oklahoma, 2004

	Age of child											
	< 1 year		*1-4 years*		*5-9 years*		*10-14 years*		*15-17 years*		*18-19 years*	
County	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
State	2	3	-	-	1	-	1	1	-	1	1	-
	-	-	1	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-	1	-	-
Logan	4	1	-	-	1	-	-	-	-	-	1	2
Love	-	-	-	1	1	-	2	1	-	-	1	1
McClain												
McCurtain	2	1	-	-	1	-	-	-	-	1	-	-
	-	1	-	2	-	-	-	-	-	-	1	-
McIntosh	1	-	-	1	-	-	-	-	1	-	1	-
Major	2	-	-	-	-	1	-	-	-	1	-	1
Marshall	1	-	-	-	-	-	-	-	1	-	1	-
Mayes												
Murray	3	2	1	2	-	-	1	2	-	1	1	-
	1	1	-	-	-	-	-	-	-	-	-	-
Muskogee	2	-	-	-	-	-	-	-	-	-	-	-
Noble	2	-	-	-	-	-	-	-	-	2	1	-
Nowata	70	49	5	12	4	2	2	3	14	5	12	5
Okfuskee												
Oklahoma	4	3	-	-	-	-	-	-	2	1	1	-
	-	2	2	-	-	-	-	-	-	-	2	-
Okmulgee	2	2	1	-	-	1	3	1	1	-	-	-
Osage	1	-	-	-	1	2	-	-	-	-	-	-
Ottawa	5	-	-	-	1	1	-	-	-	1	-	2
Pawnee												
Payne	4	3	-	-	1	1	-	-	1	1	-	-
	3	1	2	1	1	-	-	-	2	1	-	-
Pittsburg	2	3	2	1	-	1	-	-	1	-	1	-
Pontotoc	-	-	-	-	-	-	-	-	1	-	1	-
Pottawatomie	-	1	-	-	-	-	-	-	-	-	-	-
Pushmataha												
Roger Mills	5	3	1	-	1	-	1	-	3	1	2	-
	1	2	-	-	1	-	1	-	1	-	-	1
Rogers	1	2	-	1	-	1	-	-	3	1	2	-
Seminole	1	5	-	-	-	-	1	-	-	1	1	-
Sequoyah	3	1	1	-	1	-	-	-	1	-	-	-
Stephens												
Texas	-	1	1	1	-	-	-	-	-	-	-	-
	29	32	5	2	5	5	2	5	7	8	18	8
Tillman	3	2	-	-	1	-	-	-	1	2	-	-
Tulsa	1	3	1	1	-	-	-	-	-	1	-	-
Wagoner	-	1	-	-	-	-	-	-	-	-	-	-
Washington												
Washita	-	-	-	-	-	-	-	-	-	-	-	-
	4	1	-	-	-	1	-	-	-	-	-	-
Woods	-	-	-	-	-	-	-	-	1	-		
Woodward	-	1	-	2	-	-	-	-	1	-		

- 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, 2004

County	*White*	*Black*	*American Indian*	*Asian/ Pacific Islander*	*Unk*	*Total*
State	586	119	88	7	2	802
Adair	5	-	5	-	-	10
Alfalfa	1	-	-	-	-	1
Atoka	2	1	1	-	-	4
Beaver	2	-	-	-	-	2
Beckham	4	-	-	-	-	4
Blaine	1	-	-	-	-	1
Bryan	13	-	1	-	-	14
Caddo	4	-	1	-	-	5
Canadian	13	1	2	-	-	16
Carter	5	-	2	-	-	7
Cherokee	6	-	9	-	-	15
Choctaw	2	4	-	-	-	6
Cimarron	1	-	-	-	-	1
Cleveland	27	2	-	1	-	30
Coal	2	-	1	-	-	3
Comanche	12	4	2	1	-	19
Cotton	2	-	-	-	1	3
Craig	3	-	-	-	-	3
Creek	10	1	1	-	-	12
Custer	4	-	-	-	-	4
Delaware	2	-	1	-	-	3
Dewey	3	-	-	-	-	3
Ellis	-	-	-	-	-	-
Garfield	16	-	1	-	-	17
Garvin	9	-	1	-	-	10
Grady	3	1	2	-	-	6
Grant	1	-	-	-	-	1
Greer	-	-	-	-	-	-
Harmon	1	-	-	-	-	1
Harper	-	-	-	-	-	-
Haskell	4	-	-	-	-	4
Hughes	5	-	3	-	-	8
Jackson	6	1	-	-	-	7
Jefferson	2	-	-	-	-	2
Johnston	3	-	-	-	-	3
Kay	10	-	3	-	-	13
Kingfisher	3	-	-	-	-	3
Kiowa	2	-	-	-	-	2
Latimer	5	-	-	-	-	5
Leflore	11	1	1	-	-	13

- 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, 2004

County	*White*	*Black*	*American Indian*	*Asian/ Pacific Islander*	*Unk*	*Total*
State	586	119	88	7	2	802
Lincoln	8	-	1	-	-	9
Logan	6	2	-	-	-	8
Love	1	-	-	-	-	1
McClain	10	1	-	-	-	11
McCurtain	6	1	-	-	-	7
McIntosh	2	-	3	-	-	5
Major	2	-	-	-	-	2
Marshall	2	-	2	-	-	4
Mayes	2	-	3	-	-	5
Murray	3	-	.	-	-	3
Muskogee	12	-	1	-	-	13
Noble	2	-	-	-	-	2
Nowata	2	-	-	-	-	2
Okfuskee	4	-	1	-	-	5
Oklahoma	108	65	8	2	-	183
Okmulgee	8	1	2	-	-	11
Osage	5	-	1	-	-	6
Ottawa	9	-	2	-	-	11
Pawnee	4	-	-	-	-	4
Payne	10	-	-	-	-	10
Pittsburg	9	1	1	-	-	11
Pontotoc	11	-	-	-	-	11
Pottawatomie	10	1	-	-	-	11
Pushmataha	2	-	-	-	-	2
Roger Mills	1	-	-	-	-	1
Rogers	14	-	3	-	-	17
Seminole	3	-	3	-	1	7
Sequoyah	8	-	3	-	-	11
Stephens	8	1	-	-	-	9
Texas	7	-	-	-	-	7
Tillman	3	-	-	-	-	3
Tulsa	80	29	14	3	-	126
Wagoner	6	1	2	-	-	9
Washington	6	-	1	-	-	7
Washita	1	-	-	-	-	1
Woods	-	-	-	-	-	-
Woodward	6	-	-	-	-	6

- Denotes no events in that category.

Table 71. Total and accidental deaths to children by age group: Oklahoma, 1975-2004

	Ages 1-4		*Ages 5-9*		*Ages 10-14*		*Ages 15-19*	
Year	*Total*	*Accident*	*Total*	*Accident*	*Total*	*Accident*	*Total*	*Accident*
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

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

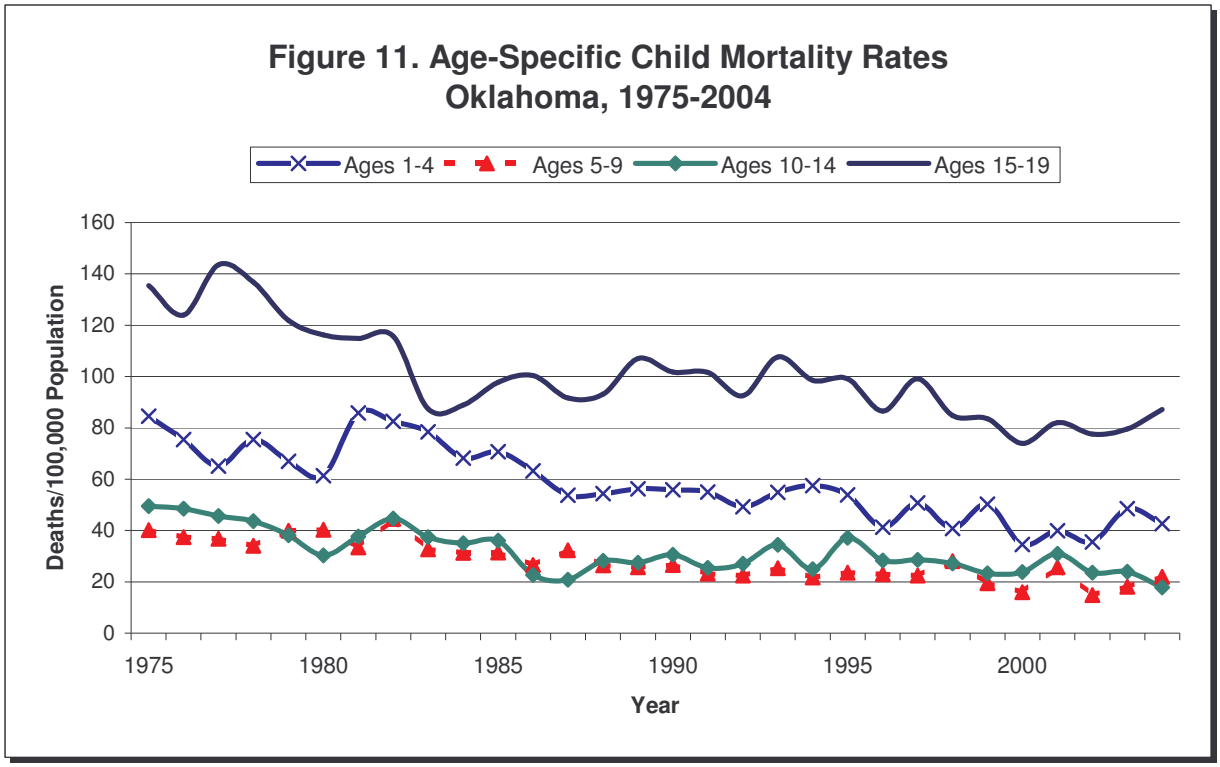


Figure 11. Age-Specific Child Mortality Rates
Oklahoma, 1975-2004
Ages 1-4
Ages 5-9
Ages 10-14
Ages 15-19
Deaths/100,000 Population
160
140
120
100
80
60
40
20
0
1975
1980
1985
1990
1995
2000
Year

Table 72. Child mortality rates by age group and number of suicides and homicides for children ages 15-19: Oklahoma, 1975-2004

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

	Age of decedent				*Ages 15-19*	
Year	*1-4 years*	*5-9 years*	*10-14 years*	*15-19 years*	*Number of Suicides*	*Number of Homicides*
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	21.9	17.8	87.2	27	14

Table 73. Heart Disease Death Trends: Oklahoma, 1980- 2004

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	3,454,300	323.2	310.8
2001	10,733	3,466,533	309.6	299.9
2002	11,095	3,488,201	318.1	308.7
2003	11,039	3,506,469	314.8	304.7
2004	10,272	3,523,533	291.5	282.6

Table 74. Heart Disease Deaths by Selected Demographics: Oklahoma, 2000-2004

	Deaths	*Population*	*Death Rate*	*Age-Adjusted Death Rate*
Male	26,316	8,594,413	306.2	366.1
Female	27,986	8,844,643	316.4	249.7
White	48,914	14,140,088	345.9	302.8
Black	3,119	1,427,743	218.5	357.4
Am Indian	2,086	1,579,549	132.1	218.2
Asian/Pac Is	158	291,676	54.2	151.7
Hispanic[1]	474	1,011,857	46.8	183.8
Under 1	36	247,189	14.6	-
1-4 years	13	951,723	1.4	-
5-14 years	17	2,415,842	0.7	-
15-24 years	69	2,641,512	2.6	-
25-34 years	180	2,291,305	7.9	-
35-44 years	1,083	2,523,065	42.9	-
45-54 years	3,062	2,380,057	128.7	-
55-64 years	5,744	1,689,299	340.0	-
65-74 years	9,142	1,223,809	747.0	-
75-84 years	16,060	798,948	2010.1	-
85+ years	18,888	276,307	6835.9	-

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

[1]Hispanic deaths are of any race

Figure 12. Age-Adjusted Heart Disease Death Rates by Select Demographic Groups, Oklahoma 2000-2004

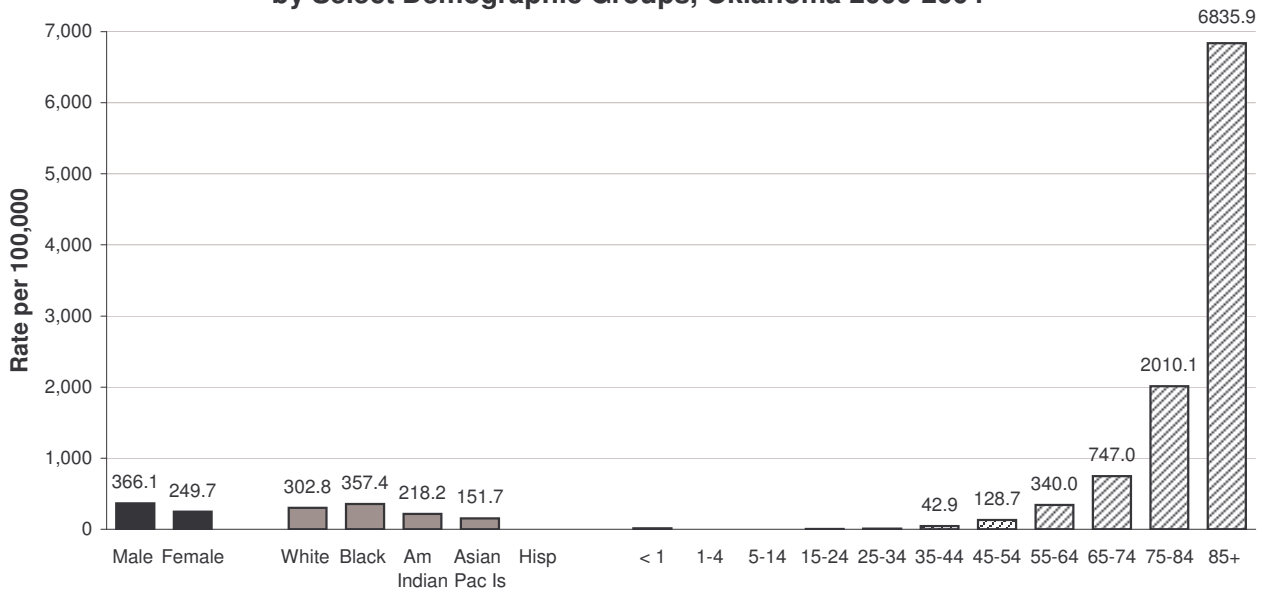


Table 75. Number of deaths, age-adjusted death rate and years of potential life lost due to Heart Disease Oklahoma and each County, 2000-2004

(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	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	54,302	17,439,056	311.4	314.1	114,418
Adair	315	106,902	294.7	342.0	914
Alfalfa	108	29,738	363.2	223.6	128
Atoka	242	70,165	344.9	327.3	409
Beaver	94	28,003	335.7	237.9	91
Beckham	393	98,259	400.0	334.5	744
Blaine	240	58,273	411.9	309.6	368
Bryan	673	185,197	363.4	313.5	1,204
Caddo	561	150,393	373.0	337.3	1,412
Canadian	1,042	457,403	227.8	306.8	2,294
Carter	1,033	230,974	447.2	376.8	1,972
Cherokee	542	216,909	249.9	292.0	1,426
Choctaw	369	76,724	480.9	369.6	789
Cimarron	49	15,100	324.5	210.1	5
Cleveland	2,066	1,076,550	191.9	297.4	5,157
Coal	201	29,957	671.0	516.6	481
Comanche	1,202	559,356	214.9	289.7	3,428
Cotton	158	32,720	482.9	341.1	230
Craig	316	74,263	425.5	348.7	381
Creek	1,128	341,848	330.0	347.0	2,692
Custer	456	127,218	358.4	331.2	678
Delaware	826	190,655	433.2	364.1	1,262
Dewey	106	23,210	456.7	267.2	143
Ellis	100	19,895	502.6	276.8	86
Garfield	988	286,629	344.7	281.3	1,835
Garvin	583	136,085	428.4	317.9	1,195
Grady	857	233,896	366.4	369.4	2,124
Grant	111	25,042	443.3	272.1	52
Greer	153	29,549	517.8	342.4	394
Harmon	74	15,644	473.0	281.6	86
Harper	93	17,221	540.0	334.5	130
Haskell	302	59,567	507.0	407.4	580
Hughes	395	70,057	563.8	393.0	483
Jackson	427	138,023	309.4	330.6	824
Jefferson	187	32,926	567.9	386.9	353
Johnston	216	52,313	412.9	353.2	543
Kay	946	237,122	399.0	308.1	1,665
Kingfisher	245	69,991	350.0	296.9	349
Kiowa	309	50,129	616.4	403.0	511
Latimer	207	53,016	390.4	345.6	521
Leflore	881	243,063	362.5	351.4	1,833

Table 75. Number of deaths, age-adjusted death rate and years of potential life lost due to Heart Disease Oklahoma and each County, 2000-2004

(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	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	54,302	17,439,056	311.4	314.1	114,418
Lincoln	548	161,200	340.0	327.8	1,253
Logan	467	175,353	266.3	283.9	1,049
Love	158	44,589	354.3	282.0	245
McClain	406	141,507	286.9	326.0	752
McCurtain	631	170,864	369.3	360.6	1,309
McIntosh	513	98,557	520.5	359.6	788
Major	211	37,404	564.1	365.6	238
Marshall	296	67,643	437.6	335.0	497
Mayes	615	193,985	317.0	296.7	1,192
Murray	307	63,343	484.7	359.8	529
Muskogee	1,251	350,197	357.2	309.1	2,829
Noble	218	56,586	385.3	334.8	400
Nowata	195	53,455	364.8	290.7	381
Okfuskee	289	58,475	494.2	403.3	513
Oklahoma	9,309	3,356,517	277.3	302.7	23,214
Okmulgee	790	198,796	397.4	352.7	1,577
Osage	548	225,213	243.3	245.1	1,421
Ottawa	658	164,864	399.1	339.8	1,000
Pawnee	296	84,120	351.9	314.9	542
Payne	833	345,804	240.9	276.2	1,240
Pittsburg	934	219,761	425.0	334.0	1,570
Pontotoc	623	174,815	356.4	320.1	1,323
Pottawatomie	1,167	332,774	350.7	349.3	2,578
Pushmataha	288	58,528	492.1	369.9	359
Roger Mills	83	16,443	504.8	328.9	102
Rogers	889	376,232	236.3	294.8	1,937
Seminole	556	123,409	450.5	364.6	1,253
Sequoyah	586	198,608	295.1	305.3	1,213
Stephens	1,014	213,834	474.2	364.8	1,354
Texas	228	100,586	226.7	297.9	452
Tillman	173	45,124	383.4	256.8	261
Tulsa	7,891	2,839,488	277.9	311.4	17,327
Wagoner	576	301,990	190.7	263.4	1,519
Washington	796	245,294	324.5	247.3	1,187
Washita	226	57,150	395.5	272.1	337
Woods	227	43,859	517.6	325.5	195
Woodward	297	92,704	320.4	288.3	607
Unknown	15	.	.	.	103

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, 2000-2004

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	26,316	306.2	380.8	78,853	27,986	316.4	261.0	35,565
Adair	178	336.7	467.5	732	137	253.5	250.0	182
Alfalfa	56	330.0	275.0	120	52	407.3	177.6	8
Atoka	117	308.3	388.4	266	125	388.1	279.5	143
Beaver	52	367.6	324.1	58	42	303.1	177.2	33
Beckham	187	365.8	402.7	505	206	437.0	278.9	239
Blaine	108	345.8	350.5	312	132	488.1	266.4	56
Bryan	325	358.5	377.8	873	348	368.0	254.0	331
Caddo	297	395.8	449.3	1,113	264	350.3	251.3	299
Canadian	488	214.0	352.1	1,402	554	241.6	270.4	892
Carter	491	440.5	456.1	1,405	542	453.5	308.5	567
Cherokee	266	249.2	339.2	972	276	250.5	250.2	454
Choctaw	176	481.4	446.4	588	193	480.5	302.1	201
Cimarron	26	349.4	277.3	1	23	300.3	153.3	4
Cleveland	1,044	192.8	356.4	3,568	1,022	191.0	251.9	1,589
Coal	94	635.8	584.7	245	107	705.2	448.5	236
Comanche	615	214.6	361.9	2,373	587	215.1	234.2	1,055
Cotton	73	448.5	437.9	174	85	516.9	271.7	56
Craig	138	369.4	402.3	218	178	482.3	310.4	163
Creek	552	329.2	413.6	1,813	576	330.7	294.5	879
Custer	227	367.2	427.8	434	229	350.2	262.2	244
Delaware	390	415.1	396.4	812	436	450.9	328.2	450
Dewey	49	431.2	332.9	124	57	481.2	209.6	19
Ellis	58	587.9	403.6	36	42	418.7	186.9	50
Garfield	472	339.4	351.0	1,334	516	349.7	227.5	501
Garvin	281	427.1	386.8	823	302	429.7	255.8	372
Grady	426	371.8	466.4	1,483	431	361.3	293.3	641
Grant	46	377.4	286.5	36	65	505.7	257.6	16
Greer	72	434.2	414.8	283	81	624.6	288.5	111
Harmon	32	423.8	343.3	64	42	518.9	233.7	22
Harper	49	584.4	440.4	87	44	498.0	253.3	43
Haskell	149	508.4	485.4	353	153	505.7	337.6	227
Hughes	182	503.1	506.6	362	213	628.7	307.2	121
Jackson	191	277.7	377.9	499	236	340.8	289.6	325
Jefferson	98	611.2	544.0	245	89	526.8	290.4	108
Johnston	113	439.3	443.2	341	103	387.3	279.1	202
Kay	451	391.9	372.9	1,292	495	405.6	248.1	373
Kingfisher	113	329.0	370.7	238	132	370.3	250.2	111
Kiowa	157	637.2	561.1	341	152	596.3	300.2	170
Latimer	105	401.4	376.9	337	102	379.8	304.8	184
Leflore	438	360.9	419.7	1,326	443	364.0	293.1	507

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, 2000-2004

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	26,316	306.2	380.8	78,853	27,986	316.4	261.0	35,565
Lincoln	268	336.3	384.9	929	280	343.5	280.5	324
Logan	232	266.8	352.2	762	235	265.8	226.5	287
Love	74	334.4	318.3	130	84	374.0	248.4	115
McClain	203	288.3	388.3	521	203	285.5	276.1	231
McCurtain	307	372.0	428.2	884	324	366.8	299.3	425
McIntosh	263	557.0	440.2	649	250	486.9	287.8	139
Major	98	537.0	440.4	199	113	590.0	305.2	39
Marshall	149	444.8	426.4	435	147	430.6	260.9	62
Mayes	324	336.2	371.5	874	291	298.2	234.5	318
Murray	144	460.2	396.1	350	163	508.5	317.9	179
Muskogee	633	373.5	402.0	2,187	618	342.0	234.2	642
Noble	103	365.9	393.8	243	115	404.4	287.6	157
Nowata	89	337.7	319.4	293	106	391.2	251.6	88
Okfuskee	141	466.4	509.9	378	148	524.0	329.0	135
Oklahoma	4,560	278.9	377.9	15,304	4,749	275.9	247.7	7,910
Okmulgee	379	390.7	425.0	1,100	411	403.8	293.1	477
Osage	291	255.0	302.1	1,063	257	231.4	197.5	358
Ottawa	321	399.2	410.2	701	337	399.0	283.8	299
Pawnee	139	333.2	340.2	422	157	370.2	283.4	120
Payne	368	208.3	315.1	808	465	274.9	243.5	432
Pittsburg	423	380.4	390.0	1,131	511	470.6	285.4	439
Pontotoc	276	325.5	375.1	879	347	385.4	275.0	444
Pottawatomie	551	340.4	407.0	1,791	616	360.4	297.6	787
Pushmataha	127	450.1	390.9	218	161	531.2	335.8	141
Roger Mills	43	518.1	425.7	69	40	491.2	244.5	33
Rogers	439	236.8	348.4	1,413	450	235.8	253.6	524
Seminole	278	466.1	456.5	872	278	436.0	287.8	381
Sequoyah	292	297.9	356.3	768	294	292.2	259.9	445
Stephens	476	457.9	429.9	977	538	489.6	309.9	377
Texas	103	198.1	296.0	309	125	257.2	290.8	143
Tillman	89	402.5	341.4	167	84	365.0	198.5	94
Tulsa	3,693	266.9	381.0	11,764	4,198	288.4	262.0	5,563
Wagoner	297	198.5	296.9	1,026	279	183.1	232.0	493
Washington	378	320.4	302.1	812	418	328.3	207.3	375
Washita	106	382.5	330.9	164	120	407.6	228.2	173
Woods	106	470.2	432.0	120	121	567.7	259.9	75
Woodward	161	345.3	386.5	472	136	295.2	215.2	135
Unknown	10	-	-	81	5	-	-	22

Table 77. Cancer Death Trends: Oklahoma 1980-2004

Year	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted 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	3,454,300	211.4	204.2
2001	7,344	3,466,533	211.9	204.6
2002	7,421	3,488,201	212.7	204.5
2003	7,319	3,506,469	208.7	199.2
2004	7,234	3,523,553	205.4	195.2

Table 78. Cancer Deaths Selected Demographics: Oklahoma, 2000-200

	Deaths	*Population*	*Death Rate*	*Age-Adjusted Death Rate*
Male	19,519	8,594,413	227.1	254.3
Female	17,103	8,844,643	193.4	165.8
White	32,550	14,140,088	230.2	202.1
Black	2,216	1,427,743	155.2	249.2
Am Indian	1,674	1,579,549	106.0	161.5
Asian/Pac Is	166	291,676	56.9	113.2
Hispanic[1]	351	1,011,857	34.7	114.7
Under 1	7	247,189	2.8	-
1-4 years	21	951,723	2.2	-
5-14 years	54	2,415,842	2.2	-
15-24 years	100	2,641,512	3.8	-
25-34 years	265	2,291,305	11.6	-
35-44 years	1,017	2,523,065	40.3	-
45-54 years	3,249	2,380,057	136.5	-
55-64 years	6,554	1,689,299	388.	-
65-74 years	9,991	1,223,809	816.4	-
75-84 years	10,486	798,948	1,312.5	-
85+ years	4,873	276,307	1,763.6	-

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

[1]Hispanic deaths are of any race

Figure 13. Age-Adjusted Cancer Death Rates by Select Demographic Groups, Oklahoma 2000-2004

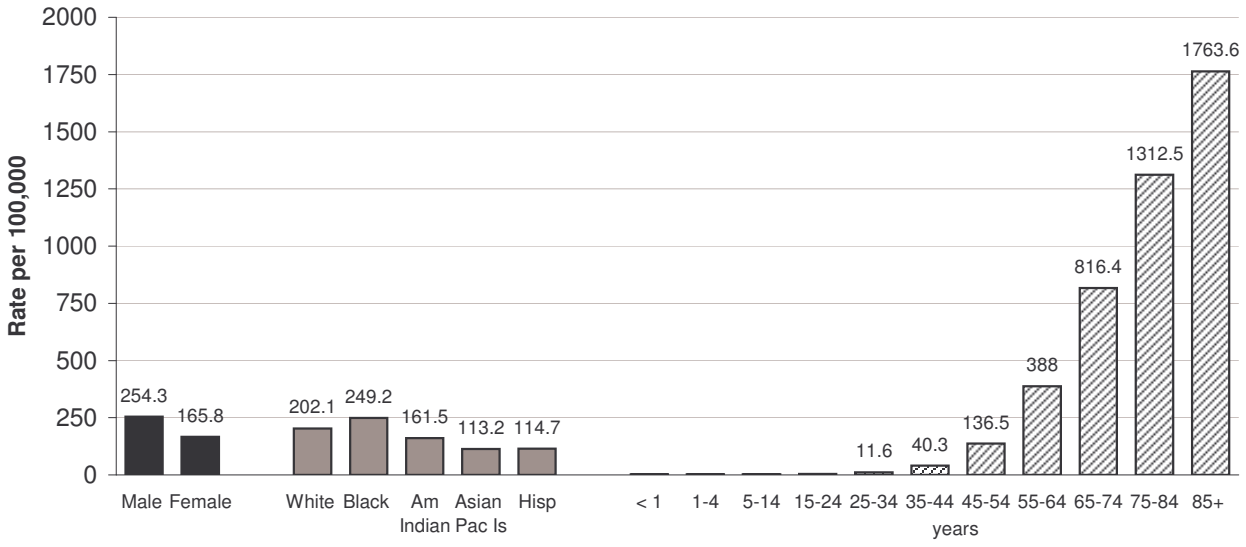


Table 79. Number of deaths, age-adjusted death rate and years of potential life lost due to Cancer Oklahoma and each County, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: C00-C97

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	36,622	17,439,056	210.0	208.6	124,617
Adair	233	106,902	218.0	235.6	907
Alfalfa	67	29,738	225.3	148.1	63
Atoka	147	70,165	209.5	190.5	363
Beaver	64	28,003	228.5	179.2	194
Beckham	234	98,259	238.1	215.4	706
Blaine	169	58,273	290.0	233.1	270
Bryan	423	185,197	228.4	202.3	1,025
Caddo	359	150,393	238.7	219.6	985
Canadian	690	457,403	150.9	183.2	2,672
Carter	616	230,974	266.7	230.0	2,002
Cherokee	419	216,909	193.2	212.0	1,561
Choctaw	225	76,724	293.3	236.3	707
Cimarron	37	15,100	245.0	185.3	127
Cleveland	1,413	1,076,550	131.3	177.0	6,759
Coal	87	29,957	290.4	239.3	343
Comanche	980	559,356	175.2	222.5	3,589
Cotton	77	32,720	235.3	184.0	156
Craig	199	74,263	268.0	224.1	715
Creek	783	341,848	229.0	222.8	2,795
Custer	281	127,218	220.9	215.1	974
Delaware	490	190,655	257.0	203.7	1,512
Dewey	77	23,210	331.8	209.3	109
Ellis	46	19,895	231.2	149.4	151
Garfield	675	286,629	235.5	202.0	2,281
Garvin	368	136,085	270.4	212.0	1,095
Grady	485	233,896	207.4	208.8	1,698
Grant	60	25,042	239.6	171.0	211
Greer	73	29,549	247.0	182.0	281
Harmon	59	15,644	377.1	253.7	170
Harper	61	17,221	354.2	240.0	175
Haskell	176	59,567	295.5	239.2	564
Hughes	198	70,057	282.6	224.7	817
Jackson	239	138,023	173.2	185.4	607
Jefferson	104	32,926	315.9	224.4	193
Johnston	122	52,313	233.2	202.6	612
Kay	641	237,122	270.3	219.7	1,673
Kingfisher	160	69,991	228.6	202.3	371
Kiowa	155	50,129	309.2	231.0	513
Latimer	138	53,016	260.3	224.8	500
Leflore	580	243,063	238.6	228.7	1,943

Table 79. Number of deaths, age-adjusted death rate and years of potential life lost due to Cancer Oklahoma and each County, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: C00-C97

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	36,622	17,439,056	210.0	208.6	124,617
Lincoln	395	161,200	245.0	230.5	1,415
Logan	354	175,353	201.9	215.4	1,132
Love	132	44,589	296.0	243.3	412
McClain	274	141,507	193.6	200.3	756
McCurtain	419	170,864	245.2	233.1	1,441
McIntosh	310	98,557	314.5	212.1	768
Major	91	37,404	243.3	175.1	326
Marshall	183	67,643	270.5	196.7	300
Mayes	472	193,985	243.3	220.9	1,616
Murray	183	63,343	288.9	223.2	550
Muskogee	902	350,197	257.6	228.6	2,451
Noble	139	56,586	245.6	213.0	300
Nowata	157	53,455	293.7	240.3	584
Okfuskee	148	58,475	253.1	209.4	412
Oklahoma	6,502	3,356,517	193.7	206.5	23,808
Okmulgee	489	198,796	246.0	221.7	1,689
Osage	463	225,213	205.6	196.8	1,573
Ottawa	470	164,864	285.1	237.3	1,138
Pawnee	227	84,120	269.9	238.3	636
Payne	566	345,804	163.7	196.4	1,877
Pittsburg	581	219,761	264.4	211.6	1,693
Pontotoc	424	174,815	242.5	222.3	1,482
Pottawatomie	704	332,774	211.6	206.5	2,457
Pushmataha	196	58,528	334.9	260.2	588
Roger Mills	31	16,443	188.5	138.5	96
Rogers	651	376,232	173.0	190.5	2,459
Seminole	332	123,409	269.0	224.9	928
Sequoyah	486	198,608	244.7	238.6	1,902
Stephens	590	213,834	275.9	215.1	1,595
Texas	138	100,586	137.2	173.6	467
Tillman	123	45,124	272.6	196.3	340
Tulsa	5,514	2,839,488	194.2	210.8	19,883
Wagoner	485	301,990	160.6	187.5	1,857
Washington	628	245,294	256.0	200.5	2,039
Washita	151	57,150	264.2	191.5	291
Woods	111	43,859	253.1	171.1	128
Woodward	187	92,704	201.7	185.5	790
Unknown	4	-	-	-	49

Table 80. Number of deaths, age-adjusted death rate and years of potential life lost due to Cancer by gender: Oklahoma and each County, 1999-2003

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	19,519	227.1	263.8	64,478	17,103	193.4	171.4	60,139
Adair	127	240.3	293.1	511	106	196.1	192.7	396
Alfalfa	37	218.0	183.8	29	30	235.0	123.6	34
Atoka	82	216.0	233.6	184	65	201.8	154.4	179
Beaver	36	254.5	226.4	119	28	202.1	138.8	75
Beckham	112	219.1	239.6	359	122	258.8	199.4	347
Blaine	91	291.4	298.2	147	78	288.4	188.0	123
Bryan	235	259.3	260.2	430	188	198.8	159.1	595
Caddo	198	263.9	286.7	505	161	213.6	175.4	480
Canadian	354	155.2	220.5	1,410	336	146.5	158.8	1,262
Carter	335	300.5	299.7	1,073	281	235.1	182.9	929
Cherokee	213	199.6	244.7	670	206	187.0	190.1	891
Choctaw	124	339.2	304.6	328	101	251.5	187.1	379
Cimarron	18	241.9	195.2	28	19	248.1	198.3	99
Cleveland	759	140.2	221.5	3,522	654	122.2	147.5	3,237
Coal	51	344.9	320.8	229	36	237.3	176.3	114
Comanche	515	179.7	280.4	1,900	465	170.4	184.8	1,689
Cotton	50	307.2	292.9	133	27	164.2	112.4	23
Craig	106	283.8	283.6	382	93	252.0	183.7	333
Creek	437	260.6	285.8	1,546	346	198.7	176.3	1,249
Custer	158	255.6	289.1	569	123	188.1	165.2	405
Delaware	278	295.9	257.5	749	212	219.2	165.1	763
Dewey	42	369.6	282.5	39	35	295.5	169.6	70
Ellis	26	263.6	192.7	107	20	199.4	110.3	44
Garfield	364	261.7	263.3	1,135	311	210.8	160.8	1,146
Garvin	191	290.3	259.9	481	177	251.8	179.4	614
Grady	258	225.2	262.5	998	227	190.3	171.4	700
Grant	35	287.2	223.9	137	25	194.5	123.8	74
Greer	39	235.2	222.2	188	34	262.2	157.0	93
Harmon	33	437.1	363.8	79	26	321.2	193.8	91
Harper	36	429.3	322.9	56	25	282.9	182.3	119
Haskell	110	375.3	345.5	319	66	218.1	163.8	245
Hughes	115	317.9	304.3	371	83	245.0	171.6	446
Jackson	122	177.4	236.2	354	117	168.9	157.8	253
Jefferson	62	386.7	317.8	119	42	248.6	158.1	74
Johnston	67	260.5	243.4	368	55	206.8	168.2	244
Kay	329	285.9	268.0	827	312	255.6	186.8	846
Kingfisher	83	241.7	249.2	149	77	216.0	172.7	222
Kiowa	89	361.2	316.0	352	66	258.9	167.7	161
Latimer	81	309.7	278.4	204	57	212.2	179.2	296
Leflore	310	255.4	281.8	1,124	270	221.9	189.9	819

Table 80. Number of deaths, age-adjusted death rate and years of potential life lost due to Cancer by gender: Oklahoma and each County, 1999-2003

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	19,519	227.1	263.8	64,478	17,103	193.4	171.4	60,139
Lincoln	237	297.4	311.6	793	158	193.9	169.5	622
Logan	195	224.3	282.8	612	159	179.8	170.1	520
Love	73	329.9	308.8	140	59	262.7	203.1	272
McClain	159	225.8	261.4	417	115	161.7	153.6	339
McCurtain	244	295.7	327.3	829	175	198.1	170.3	612
McIntosh	188	398.2	285.9	483	122	237.6	151.0	285
Major	48	263.0	211.5	221	43	224.5	144.6	105
Marshall	112	334.3	282.6	170	71	208.0	136.6	130
Mayes	259	268.7	275.2	778	213	218.2	181.3	838
Murray	108	345.1	281.3	278	75	234.0	175.1	272
Muskogee	469	276.7	286.9	1,280	433	239.6	187.0	1,171
Noble	75	266.5	271.1	141	64	225.0	174.7	159
Nowata	82	311.1	291.2	313	75	276.8	206.0	271
Okfuskee	88	291.1	290.4	261	60	212.4	150.5	151
Oklahoma	3,338	204.1	259.1	11,783	3,164	183.8	173.4	12,025
Okmulgee	271	279.4	291.7	997	218	214.2	172.0	692
Osage	252	220.8	242.9	781	211	190.0	164.2	792
Ottawa	249	309.7	298.2	382	221	261.7	199.8	756
Pawnee	129	309.2	300.6	405	98	231.1	190.6	231
Payne	324	183.4	270.7	964	242	143.1	147.8	913
Pittsburg	309	277.9	261.4	832	272	250.5	177.4	861
Pontotoc	208	245.3	266.0	738	216	239.9	197.4	744
Pottawatomie	380	234.8	263.5	1,405	324	189.6	167.2	1,052
Pushmataha	108	382.7	324.2	283	88	290.3	211.4	305
Roger Mills	19	228.9	186.2	90	12	147.3	98.2	6
Rogers	354	190.9	231.3	1,268	297	155.7	158.5	1,191
Seminole	187	313.5	298.4	469	145	227.4	174.7	459
Sequoyah	274	279.6	307.6	1,041	212	210.7	188.4	861
Stephens	327	314.6	278.9	784	263	239.3	169.7	811
Texas	78	150.0	212.9	299	60	123.5	140.0	168
Tillman	70	316.6	270.6	196	53	230.3	143.8	144
Tulsa	2,770	200.2	263.3	10,105	2,744	188.5	178.8	9,778
Wagoner	260	173.8	225.7	910	225	147.7	159.7	947
Washington	320	271.3	237.9	1,154	308	241.9	173.3	885
Washita	88	317.6	270.4	186	63	214.0	129.7	105
Woods	54	239.5	217.4	69	57	267.4	147.4	59
Woodward	103	220.9	238.9	347	84	182.3	153.5	443
Unknown	2	-	-	44	2	-	-	5

Table 81. Stroke Death Trends: Oklahoma 1980-2004

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	3,466,533	67.9	65.8
2002	2,417	3,488,201	69.3	67.5
2003	2,473	3,506,469	70.5	68.6
2004	2,176	3,523,553	61.8	60.4

Table 82. Stroke Deaths Selected Demographics: Oklahoma, 2000-2004

	Deaths	*Population*	*Death Rate*	*Age-Adjusted Death Rate*
Male	4,392	8,594,413	51.1	64.0
Female	7,504	8,844,643	84.8	66.9
White	10,610	14,140,088	75.0	65.7
Black	781	1,427,743	54.7	90.7
Am Indian	448	1,579,549	28.4	48.7
Asian/Pac Is	52	291,676	17.8	44.5
Hispanic[1]	124	1,011,857	12.3	46.5
Under 1	23	247,189	9.3	-
1-4 years	4	951,723	++	-
5-14 years	6	2,415,842	0.2	-
15-24 years	17	2,641,512	0.6	-
25-34 years	52	2,291,305	2.3	-
35-44 years	204	2,523,065	8.1	-
45-54 years	430	2,380,057	18.1	-
55-64 years	721	1,689,299	42.7	-
65-74 years	1,694	1,223,809	138.4	-
75-84 years	3,984	798,948	498.7	-
85+ years	4,757	276,307	1721.6	-

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

[1]Hispanic 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 unstability

Figure 14. Age-Adjusted Stroke Death Rates by Select Demographic Groups, Oklahoma 2000-2004

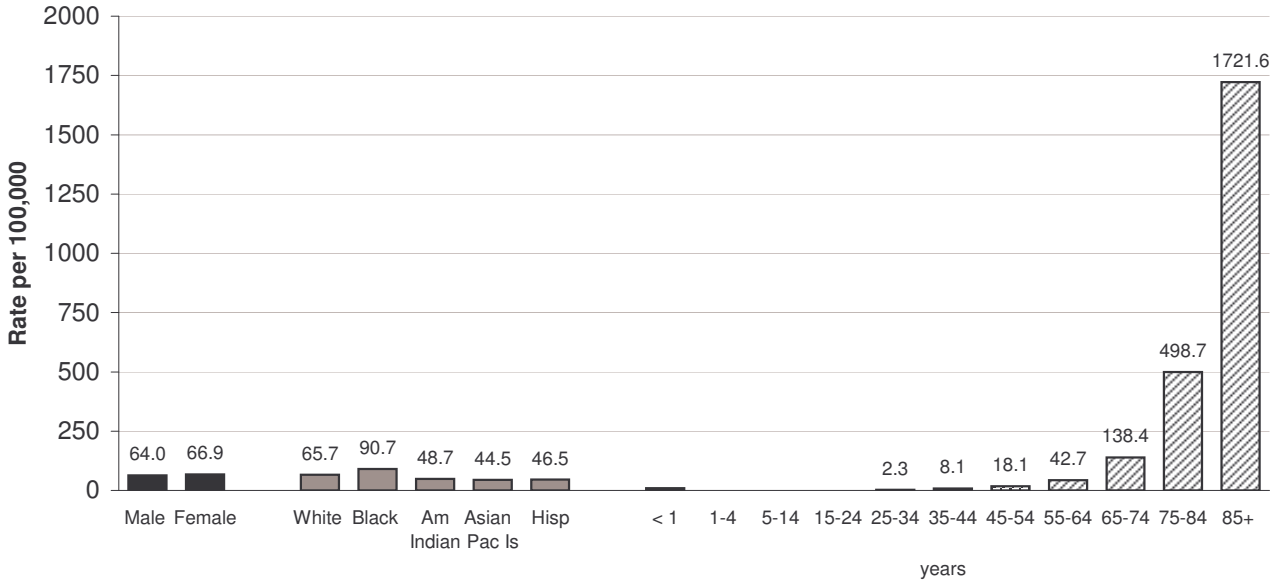


Table 83. Number of deaths, age-adjusted death rate and years of potential life lost due to Cerebrovascular Disease Oklahoma and each County, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: I60-I69

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	11,896	17,439,056	68.2	69.1	19,576
Adair	78	106,902	73.0	85.0	185
Alfalfa	30	29,738	100.9	61.5	23
Atoka	44	70,165	62.7	60.3	30
Beaver	17	28,003	60.7	47.4	96
Beckham	118	98,259	120.1	98.3	190
Blaine	48	58,273	82.4	59.4	19
Bryan	108	185,197	58.3	50.2	227
Caddo	119	150,393	79.1	71.8	355
Canadian	228	457,403	49.8	70.2	265
Carter	190	230,974	82.3	68.8	400
Cherokee	134	216,909	61.8	73.1	267
Choctaw	64	76,724	83.4	63.7	107
Cimarron	6	15,100	39.7	24.7	3
Cleveland	479	1,076,550	44.5	72.3	1,038
Coal	15	29,957	50.1	41.2	80
Comanche	327	559,356	58.5	81.0	567
Cotton	37	32,720	113.1	79.1	21
Craig	59	74,263	79.4	65.3	66
Creek	235	341,848	68.7	73.0	282
Custer	93	127,218	73.1	66.5	89
Delaware	107	190,655	56.1	46.2	147
Dewey	40	23,210	172.3	91.2	14
Ellis	29	19,895	145.8	80.0	27
Garfield	292	286,629	101.9	80.8	188
Garvin	107	136,085	78.6	55.9	108
Grady	153	233,896	65.4	66.8	125
Grant	19	25,042	75.9	44.4	21
Greer	37	29,549	125.2	72.9	28
Harmon	18	15,644	115.1	69.8	52
Harper	30	17,221	174.2	106.7	28
Haskell	47	59,567	78.9	65.2	110
Hughes	61	70,057	87.1	63.8	85
Jackson	138	138,023	100.0	107.0	216
Jefferson	47	32,926	142.7	94.7	76
Johnston	36	52,313	68.8	59.9	133
Kay	209	237,122	88.1	66.4	212
Kingfisher	52	69,991	74.3	63.3	40
Kiowa	83	50,129	165.6	99.4	56
Latimer	28	53,016	52.8	45.6	21
Leflore	177	243,063	72.8	71.3	124

Table 83. Number of deaths, age-adjusted death rate and years of potential life lost due to Cerebrovascular Disease Oklahoma and each County, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: I60-I69

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	11,896	17,439,056	68.2	69.1	19,576
Lincoln	123	161,200	76.3	74.5	129
Logan	160	175,353	91.2	100.8	198
Love	30	44,589	67.3	53.3	33
McClain	98	141,507	69.3	82.3	35
McCurtain	108	170,864	63.2	62.2	242
McIntosh	65	98,557	66.0	44.7	66
Major	35	37,404	93.6	57.0	.
Marshall	55	67,643	81.3	61.8	86
Mayes	128	193,985	66.0	61.5	158
Murray	53	63,343	83.7	60.7	28
Muskogee	230	350,197	65.7	55.9	447
Noble	35	56,586	61.9	53.6	32
Nowata	51	53,455	95.4	75.1	61
Okfuskee	44	58,475	75.2	60.7	47
Oklahoma	2,338	3,356,517	69.7	76.5	4,921
Okmulgee	136	198,796	68.4	60.3	171
Osage	130	225,213	57.7	61.1	190
Ottawa	144	164,864	87.3	74.0	170
Pawnee	69	84,120	82.0	74.1	112
Payne	173	345,804	50.0	55.8	338
Pittsburg	135	219,761	61.4	48.0	194
Pontotoc	208	174,815	119.0	104.7	122
Pottawatomie	258	332,774	77.5	77.8	385
Pushmataha	49	58,528	83.7	64.8	129
Roger Mills	18	16,443	109.5	72.1	26
Rogers	210	376,232	55.8	71.6	332
Seminole	112	123,409	90.8	72.1	151
Sequoyah	169	198,608	85.1	91.9	96
Stephens	206	213,834	96.3	74.4	304
Texas	36	100,586	35.8	47.3	111
Tillman	44	45,124	97.5	58.8	68
Tulsa	1,638	2,839,488	57.7	65.0	3,283
Wagoner	124	301,990	41.1	60.1	294
Washington	189	245,294	77.1	57.3	111
Washita	47	57,150	82.2	57.5	34
Woods	49	43,859	111.7	65.2	54
Woodward	54	92,704	58.2	53.4	244
Unknown	6	-	-	-	53

Table 84. Number of deaths, age-adjusted death rate and years of potential life lost due to Cerbrovascular Disease by gender: Oklahoma and each County, 2000-2004

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	4,392	51.1	66.7	9,667	7,504	84.8	69.8	9,909
Adair	31	58.6	82.5	123	47	87.0	85.7	62
Alfalfa	12	70.7	58.7	4	18	141.0	66.0	19
Atoka	12	31.6	40.8	14	32	99.3	69.4	16
Beaver	11	77.8	71.7	96	6	43.3	21.5	++
Beckham	41	80.2	88.2	97	77	163.3	103.1	93
Blaine	19	60.8	61.5	8	29	107.2	58.3	11
Bryan	43	47.4	52.1	122	65	68.7	48.5	105
Caddo	46	61.3	68.1	187	73	96.9	72.1	168
Canadian	90	39.5	72.5	98	138	60.2	68.3	167
Carter	73	65.5	69.7	260	117	97.9	65.8	140
Cherokee	51	47.8	68.6	114	83	75.3	76.0	153
Choctaw	22	60.2	57.3	++	42	104.6	71.9	107
Cimarron	1	13.4	11.9	++	5	65.3	33.3	3
Cleveland	175	32.3	67.8	609	304	56.8	75.3	429
Coal	6	40.6	39.7	66	9	59.3	41.4	14
Comanche	124	43.3	79.5	219	203	74.4	80.9	348
Cotton	12	73.7	71.1	17	25	152.0	80.5	4
Craig	20	53.5	60.6	13	39	105.7	68.1	53
Creek	86	51.3	68.7	145	149	85.6	76.2	137
Custer	30	48.5	57.7	35	63	96.3	72.0	54
Delaware	32	34.1	31.2	58	75	77.6	56.1	89
Dewey	10	88.0	66.1	3	30	253.3	102.4	11
Ellis	16	162.2	114.6	25	13	129.6	58.7	2
Garfield	105	75.5	83.1	76	187	126.7	80.4	112
Garvin	46	69.9	63.7	63	61	86.8	50.0	45
Grady	62	54.1	73.9	36	91	76.3	62.0	89
Grant	10	82.0	59.9	21	9	70.0	33.8	++
Greer	13	78.4	76.4	16	24	185.1	75.8	12
Harmon	6	79.5	70.7	52	12	148.3	60.8	++
Harper	11	131.2	100.7	28	19	215.0	107.9	++
Haskell	17	58.0	58.9	36	30	99.2	71.0	74
Hughes	23	63.6	63.6	4	38	112.2	69.2	81
Jackson	49	71.3	103.2	101	89	128.5	108.5	115
Jefferson	21	131.0	125.3	56	26	153.9	77.8	20
Johnston	16	62.2	66.4	74	20	75.2	54.5	59
Kay	81	70.4	67.6	103	128	104.9	63.4	109
Kingfisher	19	55.3	61.3	20	33	92.6	64.6	20
Kiowa	23	93.3	83.2	48	60	235.4	105.7	8
Latimer	11	42.1	34.7	14	17	63.3	48.8	7
Leflore	65	53.6	66.6	79	112	92.0	72.8	45

++ 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 Cerbrovascular Disease by gender: Oklahoma and each County, 2000-2004

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	4,392	51.1	66.7	9,667	7,504	84.8	69.8	9,909
Lincoln	46	57.7	67.0	30	77	94.5	77.0	99
Logan	59	67.9	97.9	146	101	114.2	100.2	52
Love	14	63.3	60.8	33	16	71.2	46.0	++
McClain	41	58.2	88.0	20	57	80.2	78.2	15
McCurtain	42	50.9	59.7	147	66	74.7	61.3	95
McIntosh	28	59.3	44.7	31	37	72.1	44.0	35
Major	17	93.1	76.5	++	18	94.0	45.9	++
Marshall	17	50.7	54.5	28	38	111.3	71.0	58
Mayes	62	64.3	73.9	62	66	67.6	53.1	96
Murray	27	86.3	74.7	24	26	81.1	48.9	4
Muskogee	99	58.4	64.3	310	131	72.5	48.7	137
Noble	12	42.6	45.4	18	23	80.9	56.2	14
Nowata	15	56.9	57.6	14	36	132.9	86.8	47
Okfuskee	18	59.5	68.9	4	26	92.1	58.9	43
Oklahoma	810	49.5	70.8	2,183	1,528	88.8	79.2	2,738
Okmulgee	48	49.5	58.4	75	88	86.5	62.4	96
Osage	53	46.4	67.0	54	77	69.3	59.1	136
Ottawa	55	68.4	68.9	85	89	105.4	74.8	85
Pawnee	31	74.3	80.9	69	38	89.6	67.9	43
Payne	56	31.7	48.7	145	117	69.2	58.7	193
Pittsburg	58	52.2	52.0	116	77	70.9	43.4	78
Pontotoc	69	81.4	102.2	53	139	154.4	104.7	69
Pottawatomie	88	54.4	70.4	167	170	99.5	82.0	218
Pushmataha	14	49.6	49.4	37	35	115.5	78.0	92
Roger Mills	6	72.3	60.2	26	12	147.3	80.9	++
Rogers	70	37.8	59.8	154	140	73.4	78.9	178
Seminole	39	65.4	65.1	75	73	114.5	75.3	76
Sequoyah	60	61.2	78.3	52	109	108.3	96.4	44
Stephens	73	70.2	68.0	256	133	121.0	74.6	48
Texas	18	34.6	56.4	79	18	37.0	41.9	32
Tillman	17	76.9	66.0	57	27	117.3	52.2	11
Tulsa	608	43.9	65.0	1,658	1,030	70.7	63.9	1,625
Wagoner	51	34.1	57.2	106	73	47.9	61.8	188
Washington	70	59.3	54.1	38	119	93.5	59.3	73
Washita	23	83.0	69.9	10	24	81.5	48.2	24
Woods	14	62.1	55.4	52	35	164.2	67.0	2
Woodward	22	47.2	53.1	113	32	69.5	53.7	131
Unknown	1	-	-	-	5	-	-	53

++ 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 1980-2004

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	3,466,533	47.7	47.2
2002	1,534	3,488,201	44.0	43.6
2003	1,738	3,506,469	49.6	49.4
2004	1,925	3,523,553	54.6	54.2

Table 86. Unint'l Inj Deaths by Selected Demographics: OK, 2000-2004

	Deaths	*Population*	*Death Rate*	*Age-Adjusted Death Rate*
Male	5,223	8,594,413	60.8	63.9
Female	3,052	8,844,643	34.5	31.6
White	7,050	14,140,088	49.9	47.9
Black	480	1,427,743	33.6	39.5
Am Indian	691	1,579,549	43.7	49.7
Asian/Pac Is	51	291,676	17.5	24.2
Hispanic[1]	331	1,011,857	32.7	40.1
Under 1	56	247,189	22.7	-
1-4 years	146	951,723	15.3	-
5-14 years	221	2,415,842	9.1	-
15-24 years	1,249	2,641,512	47.3	-
25-34 years	930	2,291,305	40.6	-
35-44 years	1,306	2,523,065	51.8	-
45-54 years	1,119	2,380,057	47.0	-
55-64 years	676	1,689,299	40.0	-
65-74 years	689	1,223,809	56.3	-
75-84 years	903	798,948	113.0	-
85+ years	976	276,307	353.2	-

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

[1]Hispanic deaths are of any race

Figure 15. Age-Adjusted Unintentional Injury Death Rates by Select Demographic Groups, Oklahoma 2000-2004

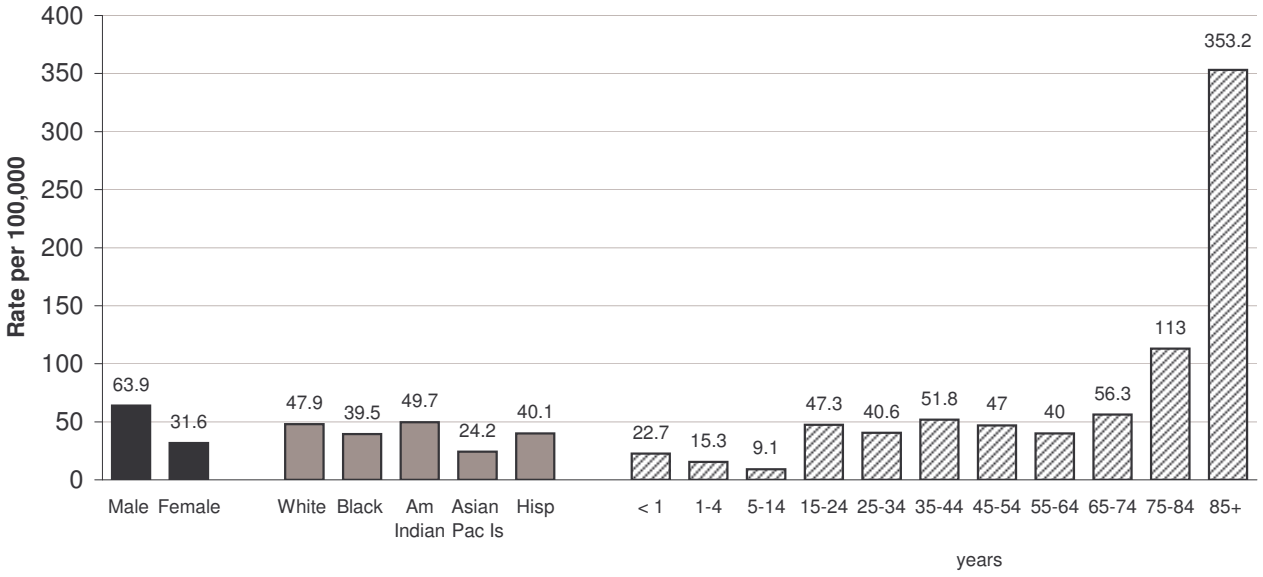


Table 87. Number of deaths, age-adjusted death rate and years of potential life lost due to Unintentional Injuries Oklahoma and each County, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: V01-X59, Y85-Y86

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	8,275	17,439,056	47.5	47.5	169,482
Adair	70	106,902	65.5	68.3	1,767
Alfalfa	14	29,738	47.1	41.4	245
Atoka	55	70,165	78.4	74.9	1,073
Beaver	23	28,003	82.1	81.2	489
Beckham	59	98,259	60.0	57.1	1,240
Blaine	43	58,273	73.8	68.5	795
Bryan	110	185,197	59.4	57.6	2,137
Caddo	98	150,393	65.2	64.0	1,867
Canadian	160	457,403	35.0	38.3	3,149
Carter	132	230,974	57.1	56.1	2,930
Cherokee	114	216,909	52.6	55.4	2,397
Choctaw	64	76,724	83.4	81.0	1,289
Cimarron	12	15,100	79.5	74.4	257
Cleveland	307	1,076,550	28.5	31.3	7,439
Coal	18	29,957	60.1	58.8	378
Comanche	172	559,356	30.7	34.2	4,033
Cotton	21	32,720	64.2	60.0	393
Craig	43	74,263	57.9	52.6	630
Creek	189	341,848	55.3	56.5	4,308
Custer	58	127,218	45.6	43.7	1,696
Delaware	99	190,655	51.9	51.0	1,868
Dewey	19	23,210	81.9	70.1	314
Ellis	12	19,895	60.3	54.1	157
Garfield	135	286,629	47.1	43.6	2,375
Garvin	95	136,085	69.8	64.3	1,762
Grady	123	233,896	52.6	53.0	2,839
Grant	19	25,042	75.9	60.7	256
Greer	18	29,549	60.9	51.6	324
Harmon	12	15,644	76.7	65.0	252
Harper	12	17,221	69.7	63.1	217
Haskell	47	59,567	78.9	78.8	1,212
Hughes	53	70,057	75.7	69.9	1,104
Jackson	50	138,023	36.2	37.8	1,155
Jefferson	16	32,926	48.6	41.3	161
Johnston	44	52,313	84.1	86.0	1,052
Kay	152	237,122	64.1	59.3	2,804
Kingfisher	48	69,991	68.6	67.5	1,081
Kiowa	30	50,129	59.8	53.6	536
Latimer	44	53,016	83.0	77.8	1,022
Leflore	165	243,063	67.9	67.7	3,499

++ 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, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: V01-X59, Y85-Y86

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	8,275	17,439,056	47.5	47.5	169,482
Lincoln	93	161,200	57.7	57.2	1,770
Logan	54	175,353	30.8	31.3	1,197
Love	22	44,589	49.3	50.7	537
McClain	78	141,507	55.1	57.0	1,565
McCurtain	122	170,864	71.4	72.7	3,067
McIntosh	55	98,557	55.8	49.6	883
Major	25	37,404	66.8	71.2	644
Marshall	45	67,643	66.5	64.7	921
Mayes	137	193,985	70.6	71.6	2,789
Murray	51	63,343	80.5	75.3	985
Muskogee	170	350,197	48.5	47.3	3,511
Noble	37	56,586	65.4	61.7	512
Nowata	32	53,455	59.9	57.9	718
Okfuskee	37	58,475	63.3	60.5	679
Oklahoma	1,332	3,356,517	39.7	40.8	26,112
Okmulgee	111	198,796	55.8	55.1	2,140
Osage	95	225,213	42.2	42.6	2,026
Ottawa	88	164,864	53.4	53.8	1,986
Pawnee	61	84,120	72.5	72.6	1,251
Payne	134	345,804	38.8	41.2	2,624
Pittsburg	148	219,761	67.3	64.5	2,901
Pontotoc	96	174,815	54.9	54.1	2,219
Pottawatomie	169	332,774	50.8	51.1	3,460
Pushmataha	39	58,528	66.6	64.9	746
Roger Mills	11	16,443	66.9	72.6	327
Rogers	169	376,232	44.9	48.2	3,673
Seminole	86	123,409	69.7	66.5	1,591
Sequoyah	94	198,608	47.3	48.6	2,038
Stephens	115	213,834	53.8	51.1	2,153
Texas	43	100,586	42.7	46.8	944
Tillman	37	45,124	82.0	74.9	620
Tulsa	1,214	2,839,488	42.8	44.4	24,092
Wagoner	112	301,990	37.1	41.7	2,490
Washington	105	245,294	42.8	40.2	2,004
Washita	25	57,150	43.7	40.7	525
Woods	25	43,859	57.0	48.5	296
Woodward	38	92,704	41.0	40.5	751
Unknown	15	-	-	-	233

++ 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, 2000-2004

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	5,223	60.8	64.5	119,207	3,052	34.5	32.0	50,275
Adair	47	88.9	92.7	1,246	23	42.6	42.4	521
Alfalfa	8	47.1	43.8	126	6	47.0	38.7	119
Atoka	37	97.5	100.5	751	18	55.9	49.8	322
Beaver	17	120.2	124.1	403	6	43.3	37.8	86
Beckham	34	66.5	67.9	757	25	53.0	46.4	483
Blaine	28	89.7	88.7	640	15	55.5	42.4	155
Bryan	62	68.4	70.4	1,432	48	50.8	45.8	705
Caddo	60	80.0	83.8	1,186	38	50.4	46.4	681
Canadian	107	46.9	52.9	2,296	53	23.1	24.2	853
Carter	81	72.7	74.3	1,851	51	42.7	39.9	1,079
Cherokee	77	72.2	80.9	1,702	37	33.6	33.6	695
Choctaw	45	123.1	125.3	1,033	19	47.3	39.6	256
Cimarron	8	107.5	109.9	220	4	52.2	37.1	37
Cleveland	194	35.8	38.8	5,387	113	21.1	23.7	2,052
Coal	13	87.9	89.6	341	5	33.0	26.5	37
Comanche	109	38.0	43.4	3,016	63	23.1	24.3	1,017
Cotton	14	86.0	85.9	248	7	42.6	38.2	145
Craig	26	69.6	73.1	460	17	46.1	37.1	170
Creek	113	67.4	69.0	2,840	76	43.6	42.6	1,468
Custer	42	67.9	67.3	1,190	16	24.5	22.9	506
Delaware	62	66.0	67.3	1,203	37	38.3	36.3	665
Dewey	10	88.0	83.9	179	9	76.0	57.1	135
Ellis	8	81.1	79.8	143	4	39.9	26.6	14
Garfield	82	59.0	60.6	1,816	53	35.9	27.6	559
Garvin	62	94.2	94.0	1,426	33	47.0	36.1	336
Grady	80	69.8	73.9	1,977	43	36.0	34.0	862
Grant	12	98.5	86.4	233	7	54.5	34.5	23
Greer	11	66.3	60.2	184	7	54.0	42.8	140
Harmon	4	53.0	57.9	139	8	98.8	65.9	113
Harper	9	107.3	100.5	175	3	34.0	25.1	42
Haskell	30	102.4	108.6	899	17	56.2	48.3	313
Hughes	35	96.7	96.5	757	18	53.1	44.4	347
Jackson	30	43.6	47.6	776	20	28.9	28.5	379
Jefferson	13	81.1	72.7	158	3	17.8	11.9	3
Johnston	29	112.7	116.4	724	15	56.4	57.1	328
Kay	90	78.2	78.8	1,973	62	50.8	40.9	831
Kingfisher	26	75.7	78.1	736	22	61.7	54.8	345
Kiowa	25	101.5	99.3	493	5	19.6	13.7	43
Latimer	24	91.8	88.2	532	20	74.5	65.3	490
Leflore	105	86.5	88.7	2,552	60	49.3	46.3	947

++ 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, 2000-2004

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	5,223	60.8	64.5	119,207	3,052	34.5	32.0	50,275
Lincoln	59	74.0	77.4	1,233	34	41.7	40.0	537
Logan	28	32.2	34.4	693	26	29.4	28.2	504
Love	14	63.3	67.4	397	8	35.6	33.3	140
McClain	51	72.4	78.3	1,190	27	38.0	37.5	375
McCurtain	89	107.8	114.6	2,413	33	37.4	35.6	654
McIntosh	39	82.6	74.2	653	16	31.2	27.1	230
Major	19	104.1	117.4	557	6	31.3	24.4	87
Marshall	29	86.6	88.1	571	16	46.9	43.1	350
Mayes	92	95.5	103.2	1,979	45	46.1	42.8	810
Murray	32	102.3	102.3	686	19	59.3	52.1	299
Muskogee	95	56.0	58.0	2,215	75	41.5	37.7	1,296
Noble	23	81.7	84.8	344	14	49.2	41.6	168
Nowata	21	79.7	81.8	490	11	40.6	35.1	228
Okfuskee	20	66.2	63.2	383	17	60.2	52.6	296
Oklahoma	813	49.7	54.3	18,431	519	30.2	28.4	7,681
Okmulgee	78	80.4	86.7	1,492	33	32.4	30.2	648
Osage	68	59.6	64.2	1,515	27	24.3	23.8	511
Ottawa	55	68.4	71.9	1,449	33	39.1	35.9	537
Pawnee	38	91.1	95.3	801	23	54.2	53.1	450
Payne	83	47.0	56.4	1,751	51	30.2	28.7	873
Pittsburg	104	93.5	92.5	2,224	44	40.5	35.6	677
Pontotoc	59	69.6	71.4	1,405	37	41.1	39.1	814
Pottawatomie	109	67.3	73.4	2,379	60	35.1	32.8	1,081
Pushmataha	24	85.1	83.5	441	15	49.5	49.5	305
Roger Mills	7	84.3	100.2	286	4	49.1	36.5	41
Rogers	112	60.4	70.6	2,433	57	29.9	30.6	1,240
Seminole	63	105.6	107.0	1,288	23	36.1	31.9	303
Sequoyah	69	70.4	76.1	1,567	25	24.9	24.5	471
Stephens	76	73.1	75.3	1,533	39	35.5	31.4	620
Texas	28	53.9	58.7	749	15	30.9	33.2	195
Tillman	24	108.5	105.5	410	13	56.5	46.0	210
Tulsa	727	52.5	58.5	16,740	487	33.5	32.1	7,352
Wagoner	73	48.8	57.1	1,733	39	25.6	28.2	757
Washington	64	54.3	53.0	1,239	41	32.2	28.5	765
Washita	19	68.6	66.3	398	6	20.4	16.3	127
Woods	15	66.5	68.2	229	10	46.9	32.0	67
Woodward	26	55.8	57.3	532	12	26.0	24.7	219
Unknown	9	-	-	178	6	-	-	55

++ 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 1980-2004

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	3,466,533	30.1	29.1
2002	1,042	3,488,201	29.9	28.9
2003	1,088	3,506,469	31.0	30.0
2004	1,137	3,523,553	32.3	30.9

Table 90. Diabetes Deaths by Selected Demographics: Oklahoma, 2000-2

	Deaths	*Population*	*Death Rate*	*Age-Adjusted Death Rate*
Male	2,316	8,594,413	26.9	30.8
Female	2,952	8,844,643	33.4	28.0
White	4,070	14,140,088	28.8	25.4
Black	535	1,427,743	37.5	61.6
Am Indian	643	1,579,549	40.7	62.9
Asian/Pac Is	17	291,676	5.8	15.8
Hispanic[1]	108	1,011,857	10.7	38.0
Under 1	-	247,189	-	-
1-4 years	-	951,723	-	-
5-14 years	1	2,415,842	++	-
15-24 years	18	2,641,512	1.9	-
25-34 years	45	2,291,305	1.9	-
35-44 years	187	2,523,065	7.1	-
45-54 years	444	2,380,057	19.4	-
55-64 years	736	1,689,299	29.2	-
65-74 years	1,182	1,223,809	47.9	-
75-84 years	1,634	798,948	96.7	-
85+ years	1,020	276,307	83.3	-

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

[1]Hispanic deaths are of any race

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

Figure 16. Age-Adjusted Diabetes Death Rates by Select Demographic Groups, Oklahoma 2000-2004

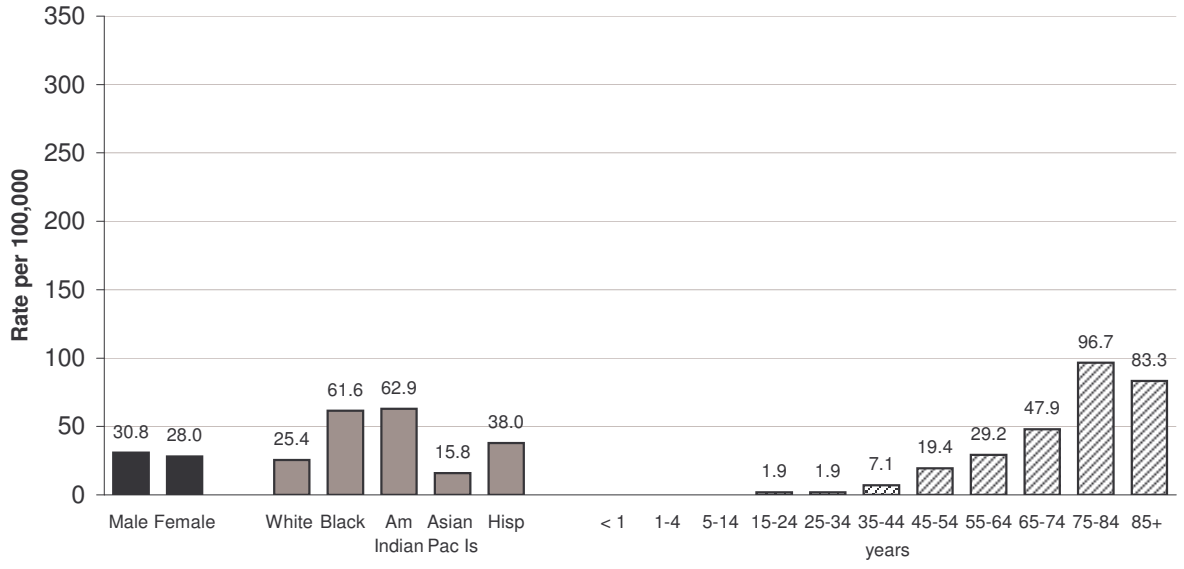


Table 91. Number of deaths, age-adjusted death rate and years of potential life lost due to Diabetes Oklahoma and each County, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: E10-E14

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	5,268	17,439,056	30.2	30.2	17,115
Adair	67	106,902	62.7	68.6	198
Alfalfa	11	29,738	37.0	24.7	20
Atoka	28	70,165	39.9	37.2	15
Beaver	7	28,003	25.0	18.5	14
Beckham	34	98,259	34.6	30.0	38
Blaine	27	58,273	46.3	38.0	75
Bryan	76	185,197	41.0	35.9	167
Caddo	94	150,393	62.5	57.3	241
Canadian	82	457,403	17.9	23.6	165
Carter	81	230,974	35.1	30.3	297
Cherokee	93	216,909	42.9	46.7	424
Choctaw	29	76,724	37.8	30.8	102
Cimarron	5	15,100	33.1	26.7	28
Cleveland	213	1,076,550	19.8	27.9	805
Coal	8	29,957	26.7	22.8	28
Comanche	146	559,356	26.1	33.4	593
Cotton	10	32,720	30.6	25.4	83
Craig	19	74,263	25.6	20.7	11
Creek	108	341,848	31.6	31.6	413
Custer	59	127,218	46.4	44.7	267
Delaware	65	190,655	34.1	28.3	277
Dewey	16	23,210	68.9	42.2	10
Ellis	16	19,895	80.4	51.7	58
Garfield	119	286,629	41.5	34.6	327
Garvin	57	136,085	41.9	32.4	180
Grady	68	233,896	29.1	29.4	207
Grant	16	25,042	63.9	42.7	36
Greer	9	29,549	30.5	21.3	12
Harmon	31	15,644	198.2	121.9	77
Harper	2	17,221	11.6	7.5	.
Haskell	29	59,567	48.7	38.0	4
Hughes	40	70,057	57.1	44.9	137
Jackson	37	138,023	26.8	28.6	225
Jefferson	23	32,926	69.9	46.7	23
Johnston	24	52,313	45.9	40.1	81
Kay	106	237,122	44.7	36.3	354
Kingfisher	25	69,991	35.7	30.4	13
Kiowa	24	50,129	47.9	31.8	41
Latimer	22	53,016	41.5	36.8	62
Leflore	75	243,063	30.9	29.5	243

++ 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, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: E10-E14

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	5,268	17,439,056	30.2	30.2	17,115
Lincoln	37	161,200	23.0	21.2	174
Logan	42	175,353	24.0	25.7	168
Love	17	44,589	38.1	30.0	13
McClain	35	141,507	24.7	25.2	118
McCurtain	88	170,864	51.5	49.7	219
McIntosh	31	98,557	31.5	22.0	74
Major	10	37,404	26.7	17.8	15
Marshall	32	67,643	47.3	34.1	27
Mayes	50	193,985	25.8	23.6	94
Murray	40	63,343	63.1	47.0	64
Muskogee	115	350,197	32.8	29.3	493
Noble	19	56,586	33.6	29.3	43
Nowata	6	53,455	11.2	8.8	5
Okfuskee	34	58,475	58.1	49.4	158
Oklahoma	898	3,356,517	26.8	28.7	3,058
Okmulgee	111	198,796	55.8	50.3	344
Osage	61	225,213	27.1	26.7	263
Ottawa	56	164,864	34.0	28.3	165
Pawnee	29	84,120	34.5	30.4	64
Payne	51	345,804	14.7	17.5	86
Pittsburg	43	219,761	19.6	16.0	184
Pontotoc	69	174,815	39.5	35.5	143
Pottawatomie	103	332,774	31.0	30.4	318
Pushmataha	20	58,528	34.2	25.8	30
Roger Mills	4	16,443	24.3	17.9	11
Rogers	98	376,232	26.0	30.5	324
Seminole	56	123,409	45.4	37.8	164
Sequoyah	57	198,608	28.7	28.5	241
Stephens	103	213,834	48.2	37.1	212
Texas	15	100,586	14.9	18.5	44
Tillman	36	45,124	79.8	57.4	97
Tulsa	697	2,839,488	24.5	26.7	2,721
Wagoner	72	301,990	23.8	31.5	266
Washington	75	245,294	30.6	23.1	130
Washita	23	57,150	40.2	26.7	9
Woods	8	43,859	18.2	13.6	42
Woodward	26	92,704	28.0	26.3	183

++ 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, 2000-2004

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	2,316	26.9	31.8	9,358	2,952	33.4	29.0	7,757
Adair	30	56.8	72.3	67	37	68.5	67.6	131
Alfalfa	8	47.1	39.6	20	3	++	++	++
Atoka	11	29.0	35.4	-	17	52.8	38.8	15
Beaver	5	35.3	31.0	2	2	++	++	++
Beckham	8	15.7	17.3	6	26	55.2	38.9	32
Blaine	11	35.2	35.8	20	16	59.2	41.9	55
Bryan	33	36.4	39.1	131	43	45.5	33.1	36
Caddo	45	60.0	65.1	171	49	65.0	50.6	70
Canadian	36	15.8	25.3	80	46	20.1	22.5	85
Carter	43	38.6	40.3	195	38	31.8	23.7	102
Cherokee	39	36.5	43.8	165	54	49.0	50.1	259
Choctaw	8	21.9	20.1	80	21	52.3	37.4	22
Cimarron	4	++	++	++	1	++	++	++
Cleveland	106	19.6	31.7	469	107	20.0	25.1	336
Coal	2	++	++	++	6	39.5	30.3	15
Comanche	68	23.7	38.0	267	78	28.6	31.0	326
Cotton	3	++	++	++	7	42.6	32.7	62
Craig	11	29.4	30.5	11	8	21.7	14.2	-
Creek	56	33.4	39.8	253	52	29.9	26.5	160
Custer	22	35.6	40.7	156	37	56.6	47.3	111
Delaware	36	38.3	35.6	183	29	30.0	22.9	94
Dewey	9	79.2	60.3	10	7	59.1	29.2	-
Ellis	7	71.0	52.0	27	9	89.7	48.7	31
Garfield	50	35.9	36.6	107	69	46.8	34.1	220
Garvin	28	42.6	39.2	129	29	41.3	27.5	51
Grady	26	22.7	29.0	45	42	35.2	31.4	162
Grant	11	90.3	73.7	36	5	38.9	17.6	-
Greer	4	++	++	++	5	38.6	19.5	4
Harmon	13	172.2	152.3	58	18	222.4	95.1	19
Harper	-	-	-	-	2	++	++	++
Haskell	7	23.9	21.4	4	22	72.7	46.8	-
Hughes	19	52.5	51.5	99	21	62.0	40.7	38
Jackson	15	21.8	28.5	110	22	31.8	29.6	115
Jefferson	7	43.7	36.7	11	16	94.7	55.8	12
Johnston	11	42.8	43.9	35	13	48.9	38.1	46
Kay	47	40.8	39.0	185	59	48.3	34.3	169
Kingfisher	10	29.1	33.9	13	15	42.1	29.7	-
Kiowa	5	20.3	17.8	-	19	74.5	43.5	41
Latimer	9	34.4	37.5	42	13	48.4	39.0	20
Leflore	33	27.2	28.6	157	42	34.5	28.7	86

++ 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, 2000-2004

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	2,316	26.9	31.8	9,358	2,952	33.4	29.0	7,757
Lincoln	16	20.1	20.9	111	21	25.8	21.6	63
Logan	15	17.3	19.8	138	27	30.5	28.9	30
Love	8	36.2	33.9	6	9	40.1	25.3	7
McClain	18	25.6	25.7	87	17	23.9	22.5	31
McCurtain	41	49.7	56.1	103	47	53.2	44.9	116
McIntosh	17	36.0	27.7	26	14	27.3	18.6	48
Major	3	++	++	++	7	36.5	21.5	5
Marshall	14	41.8	35.2	16	18	52.7	32.8	11
Mayes	22	22.8	24.8	61	28	28.7	22.8	33
Murray	19	60.7	51.8	51	21	65.5	43.7	13
Muskogee	45	26.5	27.5	260	70	38.7	30.0	233
Noble	7	24.9	24.8	1	12	42.2	32.5	42
Nowata	1	++	++	++	5	18.5	12.5	-
Okfuskee	17	56.2	64.4	94	17	60.2	46.3	64
Oklahoma	383	23.4	30.2	1,699	515	29.9	27.8	1,359
Okmulgee	49	50.5	52.4	214	62	60.9	46.9	130
Osage	29	25.4	28.4	194	32	28.8	24.5	69
Ottawa	23	28.6	26.9	47	33	39.1	29.0	118
Pawnee	12	28.8	30.0	38	17	40.1	31.5	26
Payne	20	11.3	17.0	64	31	18.3	17.8	22
Pittsburg	18	16.2	14.8	139	25	23.0	15.5	45
Pontotoc	34	40.1	44.1	72	35	38.9	29.9	71
Pottawatomie	42	25.9	29.3	142	61	35.7	31.0	176
Pushmataha	5	17.7	15.7	3	15	49.5	32.2	27
Roger Mills	2	++	++	++	2	++	++	++
Rogers	43	23.2	32.6	156	55	28.8	30.4	168
Seminole	21	35.2	34.1	104	35	54.9	40.4	60
Sequoyah	27	27.5	28.7	141	30	29.8	27.0	100
Stephens	41	39.4	37.2	100	62	56.4	37.9	112
Texas	4	++	++	++	11	22.6	25.8	30
Tillman	17	76.9	65.8	37	19	82.6	52.3	60
Tulsa	306	22.1	28.9	1,492	391	26.9	25.3	1,229
Wagoner	39	26.1	35.1	154	33	21.7	27.2	112
Washington	39	33.1	28.4	82	36	28.3	18.8	48
Washita	7	25.3	20.9	-	16	54.4	27.8	9
Woods	3	++	++	++	5	23.5	13.7	29
Woodward	13	27.9	29.2	66	13	28.2	24.3	117

++ 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 1980-2004

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	3,466,533	26.2	25.5
2002*	910	3,488,201	26.1	25.5
2003*	946	3,506,469	27.0	26.3
2004*	809	3,523,553	23.0	22.6

*Note: Trends through 1998 are not compareable 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.

Table 94. Flu and Pneu Deaths by Selected Demographics: OK, 2000-20

	Deaths	*Population*	*Death Rate*	*Age-Adjusted Death Rate*
Male	1,924	8,594,413	22.4	29.2
Female	2,530	8,844,643	28.6	22.3
White	4,087	14,140,088	28.9	25.4
Black	180	1,427,743	12.6	21.0
Am Indian	181	1,579,549	11.5	19.7
Asian/Pac Is	4	291,676	1.4	2.2
Hispanic[1]	45	1,011,857	4.4	16.3
Under 1	24	247,189	9.7	-
1-4 years	9	951,723	0.9	-
5-14 years	8	2,415,842	0.3	-
15-24 years	18	2,641,512	0.7	-
25-34 years	29	2,291,305	1.3	-
35-44 years	88	2,523,065	3.5	-
45-54 years	139	2,380,057	5.8	-
55-64 years	245	1,689,299	14.5	-
65-74 years	467	1,223,809	38.2	-
75-84 years	1,336	798,948	167.2	-
85+ years	2,090	276,307	756.4	-

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

[1]Hispanic deaths are of any race

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

Figure 17. Age-Adjusted Influenza and Pneumonia Death Rates by Select Demographic Groups, Oklahoma 2000-2004

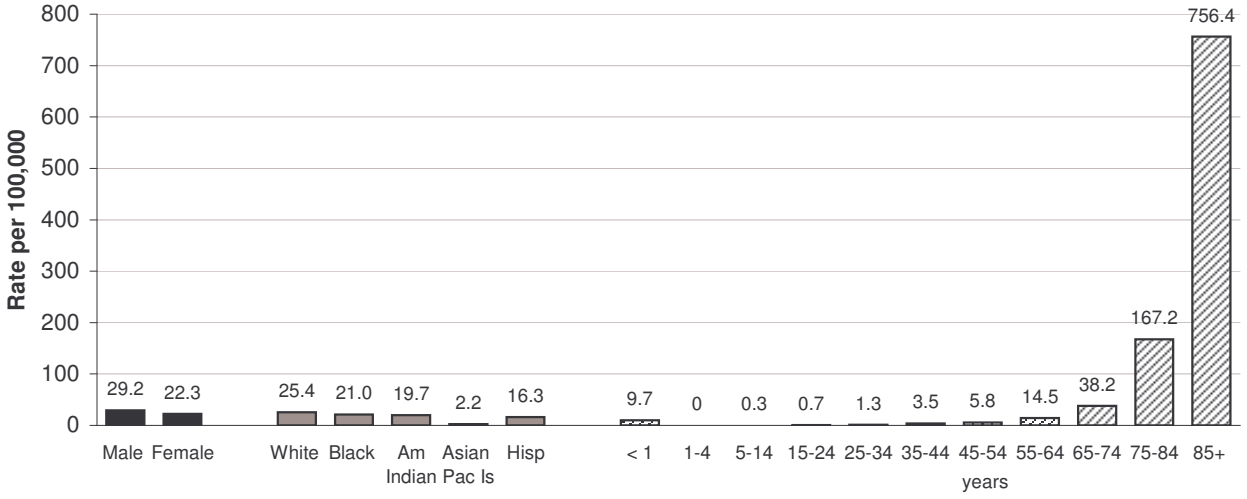


Table 95. Number of deaths, age-adjusted death rate and years of potential life lost due to Influenza and Pneumonia Oklahoma and each County, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: J10-J18

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	4,454	17,439,056	25.5	26.0	9,825
Adair	25	106,902	23.4	28.3	105
Alfalfa	37	29,738	124.4	64.9	22
Atoka	26	70,165	37.1	36.5	.
Beaver	13	28,003	46.4	32.0	10
Beckham	30	98,259	30.5	25.4	88
Blaine	29	58,273	49.8	36.8	40
Bryan	63	185,197	34.0	29.1	123
Caddo	59	150,393	39.2	35.4	243
Canadian	79	457,403	17.3	24.0	340
Carter	89	230,974	38.5	32.5	189
Cherokee	53	216,909	24.4	29.5	150
Choctaw	37	76,724	48.2	35.5	59
Cimarron	6	15,100	39.7	26.3	13
Cleveland	160	1,076,550	14.9	24.5	480
Coal	6	29,957	20.0	14.4	.
Comanche	126	559,356	22.5	31.9	344
Cotton	8	32,720	24.4	16.2	6
Craig	31	74,263	41.7	34.5	62
Creek	73	341,848	21.4	22.9	171
Custer	61	127,218	47.9	43.6	132
Delaware	41	190,655	21.5	18.3	38
Dewey	16	23,210	68.9	36.1	.
Ellis	13	19,895	65.3	33.1	1
Garfield	135	286,629	47.1	36.8	131
Garvin	43	136,085	31.6	22.5	96
Grady	51	233,896	21.8	22.1	40
Grant	8	25,042	31.9	17.4	.
Greer	16	29,549	54.1	29.7	.
Harmon	12	15,644	76.7	37.7	6
Harper	5	17,221	29	14.6	.
Haskell	30	59,567	50.4	41.4	60
Hughes	23	70,057	32.8	22.0	9
Jackson	50	138,023	36.2	38.8	43
Jefferson	15	32,926	45.6	29.7	11
Johnston	33	52,313	63.1	53.8	22
Kay	84	237,122	35.4	26.5	188
Kingfisher	29	69,991	41.4	34.7	33
Kiowa	25	50,129	49.9	28.7	21
Latimer	17	53,016	32.1	26.6	9
Leflore	87	243,063	35.8	35.4	130

++ 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, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: J10-J18

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	4,454	17,439,056	25.5	26.0	9,825
Lincoln	53	161,200	32.9	32.1	29
Logan	28	175,353	16.0	18.1	34
Love	17	44,589	38.1	29.9	.
McClain	42	141,507	29.7	35.5	94
McCurtain	45	170,864	26.3	26.3	181
McIntosh	41	98,557	41.6	29.9	128
Major	10	37,404	26.7	16.2	.
Marshall	23	67,643	34.0	25.2	20
Mayes	36	193,985	18.6	18.1	147
Murray	35	63,343	55.3	41.1	56
Muskogee	97	350,197	27.7	23.4	202
Noble	28	56,586	49.5	42.8	21
Nowata	25	53,455	46.8	36.3	24
Okfuskee	15	58,475	25.7	20.8	25
Oklahoma	640	3,356,517	19.1	20.9	2,104
Okmulgee	54	198,796	27.2	23.8	83
Osage	30	225,213	13.3	14.2	95
Ottawa	51	164,864	30.9	26.4	61
Pawnee	17	84,120	20.2	18.6	57
Payne	74	345,804	21.4	23.8	181
Pittsburg	87	219,761	39.6	30.8	102
Pontotoc	92	174,815	52.6	46.2	90
Pottawatomie	113	332,774	34.0	34.1	250
Pushmataha	23	58,528	39.3	28.9	4
Roger Mills	5	16,443	30.4	20.4	.
Rogers	64	376,232	17.0	21.8	74
Seminole	37	123,409	30.0	24.5	133
Sequoyah	43	198,608	21.7	23.3	44
Stephens	48	213,834	22.4	17.3	72
Texas	22	100,586	21.9	29.3	93
Tillman	19	45,124	42.1	24.7	15
Tulsa	541	2,839,488	19.1	21.7	1,396
Wagoner	49	301,990	16.2	22.9	98
Washington	86	245,294	35.1	27.1	243
Washita	23	57,150	40.2	26.5	78
Woods	69	43,859	157.3	84.4	52
Woodward	27	92,704	29.1	26.2	124
Unknown	1	-	-	-	-

++ 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, 2000-2004

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	1,924	22.4	30.5	5,552	2,530	28.6	23.3	4,273
Adair	9	17.0	25.5	57	16	29.6	29.6	48
Alfalfa	13	76.6	64.4	22	24	188.0	64.5	-
Atoka	14	36.9	56.2	-	12	37.3	25.3	-
Beaver	5	35.3	32.2	-	8	57.7	34.3	10
Beckham	10	19.6	21.3	31	20	42.4	27.3	57
Blaine	13	41.6	41.9	26	16	59.2	32.6	14
Bryan	25	27.6	31.2	51	38	40.2	28.3	72
Caddo	34	45.3	54.5	226	25	33.2	23.0	17
Canadian	29	12.7	23.7	265	50	21.8	24.5	75
Carter	39	35.0	38.7	109	50	41.8	28.5	80
Cherokee	24	22.5	30.4	150	29	26.3	26.1	-
Choctaw	10	27.4	24.9	11	27	67.2	40.5	48
Cimarron	3	++	++	13	3	++	++	-
Cleveland	72	13.3	29.0	198	88	16.4	21.7	282
Coal	3	++	++	-	3	++	++	-
Comanche	53	18.5	35.1	165	73	26.8	29.0	179
Cotton	3	++	++	-	5	30.4	16.2	6.0
Craig	13	34.8	37.7	54	18	48.8	30.5	8
Creek	34	20.3	26.0	155	39	22.4	19.9	16
Custer	24	38.8	45.1	110	37	56.6	41.6	22
Delaware	12	12.8	12.3	5	29	30.0	22.0	33
Dewey	5	44.0	32.0	-	11	92.9	42.6	-
Ellis	5	50.7	34.9	1	8	79.8	28.2	-
Garfield	62	44.6	48.7	105	73	49.5	29.4	26
Garvin	21	31.9	29.7	60	22	31.3	18.2	36
Grady	12	10.5	14.2	14	39	32.7	26.1	26
Grant	5	41.0	23.1	-	3	++	++	-
Greer	6	36.2	33.5	-	10	77.1	24.0	-
Harmon	2.0	26.5	23.5	6.0	10	123.5	41.7	-
Harper	2	++	++	-	3	++	++	-
Haskell	15	51.2	59.7	34	15	49.6	32.3	26
Hughes	13	35.9	38.0	-	10	29.5	14.7	9
Jackson	19	27.6	41.4	9	31	44.8	39.3	34
Jefferson	9	56.1	49.9	8	6	35.5	17.9	3
Johnston	16	62.2	68.9	5	17	63.9	44.8	17
Kay	40	34.8	34.6	178	44	36.1	21.1	10
Kingfisher	10	29.1	33.7	18	19	53.3	34.5	15
Kiowa	11	44.6	40.0	-	14	54.9	25.4	21
Latimer	12	45.9	39.0	9	5	18.6	14.8	-
Leflore	31	25.5	33.6	45	56	46.0	35.9	85

++ 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, 2000-2004

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	1,924	22.4	30.5	5,552	2,530	28.6	23.3	4,273
Lincoln	15	18.8	22.2	16	38	46.6	38.2	13
Logan	17	19.6	30.8	-	11	12.4	12.4	34
Love	6	27.1	29.5	-	11	49.0	31.2	-
McClain	21	29.8	47.0	23	21	29.5	28.8	71
McCurtain	16	19.4	24.3	98	29	32.8	26.8	83
McIntosh	19	40.2	36.3	128	22	42.8	24.7	-
Major	5	27.4	22.4	-	5	26.1	11.6	-
Marshall	14	41.8	39.1	-	9	26.4	17.4	20
Mayes	16	16.6	19.8	137	20	20.5	15.7	10
Murray	18	57.5	51.9	47	17	53.0	32.0	9
Muskogee	43	25.4	29.1	42	54	29.9	20.5	160
Noble	11	39.1	50.7	4	17	59.8	42.8	17
Nowata	15	56.9	57.1	24	10	36.9	20.3	-
Okfuskee	5	16.5	22.7	-	10	35.4	23.0	25
Oklahoma	301	18.4	26.5	1,201	339	19.7	17.6	903
Okmulgee	24	24.7	28.1	53	30	29.5	21.2	30
Osage	14	12.3	18.8	65	16	14.4	12.2	30
Ottawa	25	31.1	37.9	2	26	30.8	21.6	59
Pawnee	8	19.2	21.7	56	9	21.2	16.0	1
Payne	34	19.2	29.1	98	40	23.7	20.1	83
Pittsburg	29	26.1	31.0	24	58	53.4	32.5	78
Pontotoc	30	35.4	46.4	9	62	68.9	47.0	81
Pottawatomie	55	34.0	46.6	121	58	33.9	27.9	129
Pushmataha	10	35.4	33.7	4	13	42.9	24.8	-
Roger Mills	3	++	++	-	2	++	++	-
Rogers	25	13.5	21.3	38	39	20.4	22.1	36
Seminole	19	31.9	31.3	77	18	28.2	20.3	56
Sequoyah	15	15.3	18.4	27	28	27.8	24.8	17
Stephens	19	18.3	19.2	63	29	26.4	16.3	9
Texas	10	19.2	34.9	-	12	24.7	26.9	93
Tillman	9	40.7	32.9	-	10	43.5	21.4	15
Tulsa	223	16.1	25.4	756	318	21.8	19.7	640
Wagoner	20	13.4	21.5	53	29	19.0	23.8	45
Washington	41	34.8	35.3	103	45	35.3	23.1	140
Washita	10	36.1	31.9	65	13	44.2	22.9	13
Woods	28	124.2	113.3	52	41	192.4	67.6	-
Woodward	13	27.9	33.7	26	14	30.4	23.1	98
Unknown	-	-	-	-	1	-	-	-

++ 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 1980-2004

Year	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*
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	3,466,533	6.0	6.0
2002	181	3,488,201	5.2	5.2
2003	222	3,506,469	6.3	6.3
2004	219	3,523,553	6.2	6.2

Table 98. Homicide Deaths by Selected Demographics: Oklahoma, 2000-

	Deaths	*Population*	*Death Rate*	*Age-Adjusted Death Rate*
Male	742	8,594,413	8.6	8.5
Female	278	8,844,643	3.2	3.2
White	642	14,140,088	4.5	4.6
Black	265	1,427,743	18.6	18.0
Am Indian	104	1,579,549	6.6	6.7
Asian/Pac Is	10	291,676	3.4	3.6
Hispanic[1]	91	1,011,857	9.0	7.9
Under 1	23	247,189	9.3	-
1-4 years	28	951,723	2.9	-
5-14 years	19	2,415,842	0.8	-
15-24 years	249	2,641,512	9.4	-
25-34 years	235	2,291,305	10.3	-
35-44 years	204	2,523,065	8.1	-
45-54 years	130	2,380,057	5.5	-
55-64 years	71	1,689,299	4.2	-
65-74 years	33	1,223,809	2.7	-
75-84 years	22	798,948	2.8	-
85+ years	8	276,307	2.9	-

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

[1]Hispanic deaths are of any race

Figure 18. Age-Adjusted Homicide Death Rates by Select Demographic Groups, Oklahoma 2000-2004

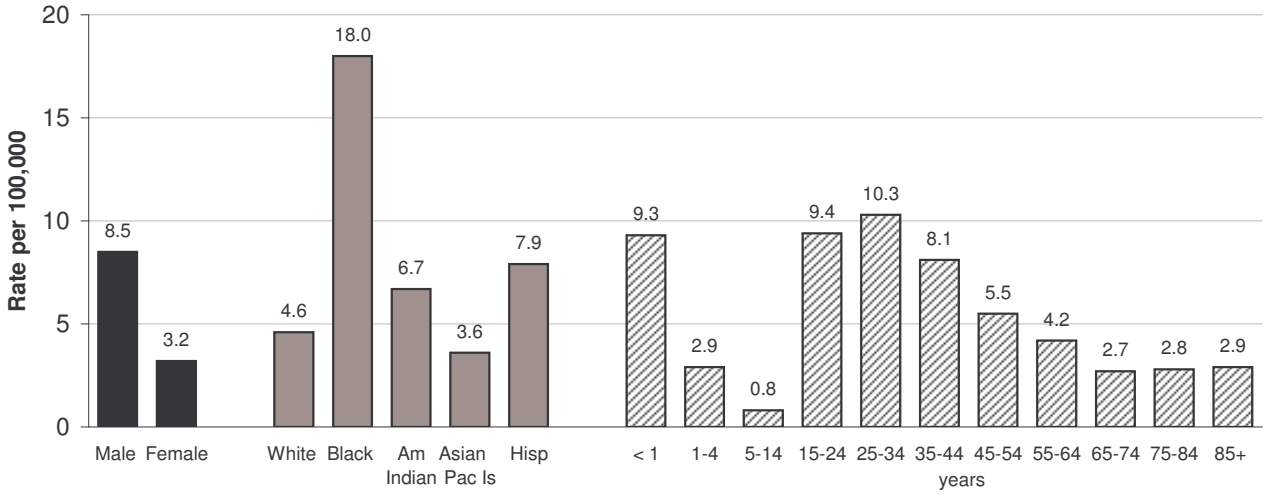


Table 99. Number of deaths, age-adjusted death rate and years of potential life lost due to Homicide Oklahoma and each County, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: X85-Y09, Y87.1

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	1,023	17,439,056	5.9	5.9	31,412
Adair	13	106,902	12.2	12.7	423
Alfalfa	-	-	-	-	-
Atoka	-	-	-	-	-
Beaver	-	-	-	-	-
Beckham	6	98,259	6.1	6.1	158
Blaine	3	58,273	++	++	118
Bryan	10	185,197	5.4	5.5	307
Caddo	7	150,393	4.7	4.9	207
Canadian	12	457,403	2.6	2.6	462
Carter	11	230,974	4.8	5.0	321
Cherokee	9	216,909	4.1	4.3	298
Choctaw	9	76,724	11.7	12.5	321
Cimarron	-	-	-	-	-
Cleveland	13	1,076,550	1.2	1.3	403
Coal	4	29,957	++	++	126
Comanche	36	559,356	6.4	6.3	1,174
Cotton	1	32,720	++	++	30
Craig	2	74,263	++	++	62
Creek	20	341,848	5.9	6.0	559
Custer	3	127,218	++	++	107
Delaware	8	190,655	4.2	4.6	201
Dewey	1	23,210	++	++	31
Ellis	-	-	-	-	-
Garfield	7	286,629	2.4	2.5	270
Garvin	7	136,085	5.1	5.8	238
Grady	15	233,896	6.4	6.5	452
Grant	1	25,042	++	++	-
Greer	2	29,549	++	++	78
Harmon	-	-	-	-	-
Harper	-	-	-	-	-
Haskell	4	59,567	++	++	67
Hughes	4	70,057	++	++	140
Jackson	10	138,023	7.2	7.5	263
Jefferson	1	32,926	++	++	15
Johnston	2	52,313	++	++	62
Kay	10	237,122	4.2	4.2	289
Kingfisher	1	69,991	++	++	-
Kiowa	2	50,129	++	++	39
Latimer	2	53,016	++	++	84
Leflore	17	243,063	7.0	7.1	298

++ 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, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: X85-Y09, Y87.1

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	1,023	17,439,056	5.9	5.9	31,412
Lincoln	7	161,200	4.3	4.0	160
Logan	5	175,353	2.9	3.0	46
Love	2	44,589	++	++	53
McClain	6	141,507	4.2	4.2	172
McCurtain	20	170,864	11.7	11.7	363
McIntosh	7	98,557	7.1	6.2	82
Major	-	-	-	-	-
Marshall	2	67,643	++	++	32
Mayes	12	193,985	6.2	6.4	293
Murray	2	63,343	++	++	79
Muskogee	37	350,197	10.6	10.9	1,119
Noble	-	-	-	-	-
Nowata	1	53,455	++	++	9
Okfuskee	4	58,475	++	++	120
Oklahoma	264	3,356,517	7.9	7.7	8,679
Okmulgee	15	198,796	7.5	8.1	485
Osage	8	225,213	3.6	3.4	180
Ottawa	5	164,864	3.0	3.4	165
Pawnee	3	84,120	++	++	94
Payne	5	345,804	1.4	1.5	143
Pittsburg	14	219,761	6.4	6.6	419
Pontotoc	22	174,815	12.6	12.5	557
Pottawatomie	11	332,774	3.3	3.0	346
Pushmataha	3	58,528	++	++	78
Roger Mills	1	16,443	++	++	-
Rogers	11	376,232	2.9	3.2	320
Seminole	14	123,409	11.3	11.7	410
Sequoyah	10	198,608	5.0	5.0	247
Stephens	6	213,834	2.8	3.3	207
Texas	1	100,586	++	++	-
Tillman	2	45,124	++	++	83
Tulsa	237	2,839,488	8.3	8.3	7,883
Wagoner	16	301,990	5.3	5.4	467
Washington	5	245,294	2.0	2.2	171
Washita	1	57,150	++	++	22
Woods	1	43,859	++	++	48
Woodward	4	92,704	++	++	104
Unknown	6	-	-	-	173

++ 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, 1999-2003

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	742	8.6	8.5	22,921	281	3.2	3.2	8,491
Adair	13	24.6	26.6	423	-	-	-	-
Alfalfa	-	-	-	-	-	-	-	-
Atoka	-	-	-	-	-	-	-	-
Beaver	-	-	-	-	-	-	-	-
Beckham	5	9.8	10.1	96	1	++	++	62
Blaine	3	++	++	118	-	-	-	-
Bryan	7	7.7	7.8	194	3	++	++	113
Caddo	7	9.3	9.6	207	-	-	-	-
Canadian	5	2.2	2.1	160	7	3.1	3.2	302
Carter	10	9.0	9.2	271	1	++	++	50
Cherokee	4	3.7	3.8	128	5	4.5	4.8	170
Choctaw	7	19.1	19.7	227	2	++	++	94
Cimarron	-	-	-	-	-	-	-	-
Cleveland	9	1.7	1.6	337	4	++	++	66
Coal	3	++	++	109	1	++	++	17
Comanche	24	8.4	7.9	801	12	4.4	4.4	373
Cotton	1	++	++	30	-	-	-	-
Craig	-	-	-	-	2	++	++	62
Creek	12	7.2	7.5	330	8	4.6	4.7	229
Custer	1	++	++	32	2	++	++	75
Delaware	4	++	++	117	4	++	++	84
Dewey	1	++	++	31	-	-	-	-
Ellis	-	-	-	-	-	-	-	-
Garfield	3	++	++	148	4	++	++	122
Garvin	5	7.6	8.3	163	2	++	++	75
Grady	13	11.3	11.5	380	2	++	++	72
Grant	1	++	++	.	-	-	-	-
Greer	1	++	++	37	1	++	++	41
Harmon	-	-	-	-	-	-	-	-
Harper	-	-	-	-	-	-	-	-
Haskell	3	++	++	67	1	++	++	.
Hughes	1	++	++	21	3	++	++	119
Jackson	8	11.6	12.0	205	2	++	++	58
Jefferson	-	-	-	-	1	++	++	15
Johnston	1	++	++	36	1	++	++	26
Kay	7	6.1	6.1	207	3	++	++	82
Kingfisher	-	-	-	-	1	++	++	.
Kiowa	2	++	++	39	-	-	-	-
Latimer	-	-	-	-	2	++	++	84
Leflore	11	9.1	9.4	224	6	4.9	4.8	74

++ 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, 1999-2003

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	742	8.6	8.5	22,921	281	3.2	3.2	8,491
Lincoln	4	++	++	55	3	++	++	105
Logan	3	++	++	46	2	++	++	.
Love	1	++	++	27	1	++	++	26
McClain	5	7.1	7.1	127	1	++	++	45
McCurtain	14	17.0	17.0	240	6	6.8	6.8	123
McIntosh	6	12.7	11.6	80	1	++	++	2
Major	-	-	-	-	-	-	-	-
Marshall	2	++	++	32	-	-	-	-
Mayes	9	9.3	9.9	222	3	++	++	71
Murray	2	++	++	79	-	-	-	-
Muskogee	24	14.2	14.4	822	13	7.2	7.3	297
Noble	-	-	-	-	-	-	-	-
Nowata	-	-	-	-	1	++	++	9
Okfuskee	3	++	++	76	1	++	++	44
Oklahoma	195	11.9	11.6	6,389	69	4.0	4.0	2,290
Okmulgee	13	13.4	13.9	413	2	++	++	72
Osage	6	5.3	4.9	124	2	++	++	56
Ottawa	2	++	++	79	3	++	++	86
Pawnee	2	++	++	38	1	++	++	56
Payne	3	++	++	80	2	++	++	63
Pittsburg	11	9.9	9.6	303	3	++	++	116
Pontotoc	15	17.7	17.4	377	7	7.8	7.8	180
Pottawatomie	6	3.7	3.8	250	5	2.9	2.3	96
Pushmataha	3	++	++	78	-	-	-	-
Roger Mills	-	-	-	-	1	++	++	.
Rogers	6	3.2	4.1	124	5	2.6	2.8	196
Seminole	9	15.1	16.2	235	5	7.8	7.4	175
Sequoyah	6	6.1	6.4	146	4	++	++	101
Stephens	4	++	++	122	2	++	++	85
Texas	1	++	++	.	-	-	-	-
Tillman	1	++	++	20	1	++	++	63
Tulsa	188	13.6	13.2	6,411	49	3.4	3.4	1,472
Wagoner	13	8.7	8.8	420	3	++	++	47
Washington	4	++	++	143	1	++	++	28
Washita	1	++	++	22	-	-	-	-
Woods	1	++	++	48	-	-	-	-
Woodward	3	++	++	40	1	++	++	64
Unknown	4	-	-	115	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 1980-2004

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	3,466,533	14.6	14.6
2002	491	3,488,201	14.1	14.1
2003	476	3,506,469	13.6	13.6
2004	502	3,523,553	14.2	14.2

Table 102. Suicide Deaths by Selected Demographics: OK, 2000-2004

	Deaths	*Population*	*Death Rate*	*Age-Adjusted Death Rate*
Male	1,968	8,594,413	22.9	23.4
Female	473	844,643	5.3	5.4
White	2,170	14,140,088	15.3	15.1
Black	101	1,427,743	7.1	7.4
Am Indian	151	1,579,549	9.6	10.2
Asian/Pac Is	16	291,676	5.5	5.3
Hispanic[1]	57	1,011,857	5.6	7.5
Under 1	-	247,189	-	-
1-4 years	-	951,723	-	-
5-14 years	29	2,415,842	11.7	-
15-24 years	349	2,641,512	36.7	-
25-34 years	417	2,291,305	17.3	-
35-44 years	529	2,523,065	20.0	-
45-54 years	470	2,380,057	20.5	-
55-64 years	256	1,689,299	10.1	-
65-74 years	177	1,223,809	7.4	-
75-84 years	168	798,948	9.9	-
85+ years	45	276,307	3.7	-

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

[1]Hispanic deaths are of any race

Figure 19. Age-Adjusted Suicide Death Rates by Select Demographic Groups, Oklahoma 2000-2004

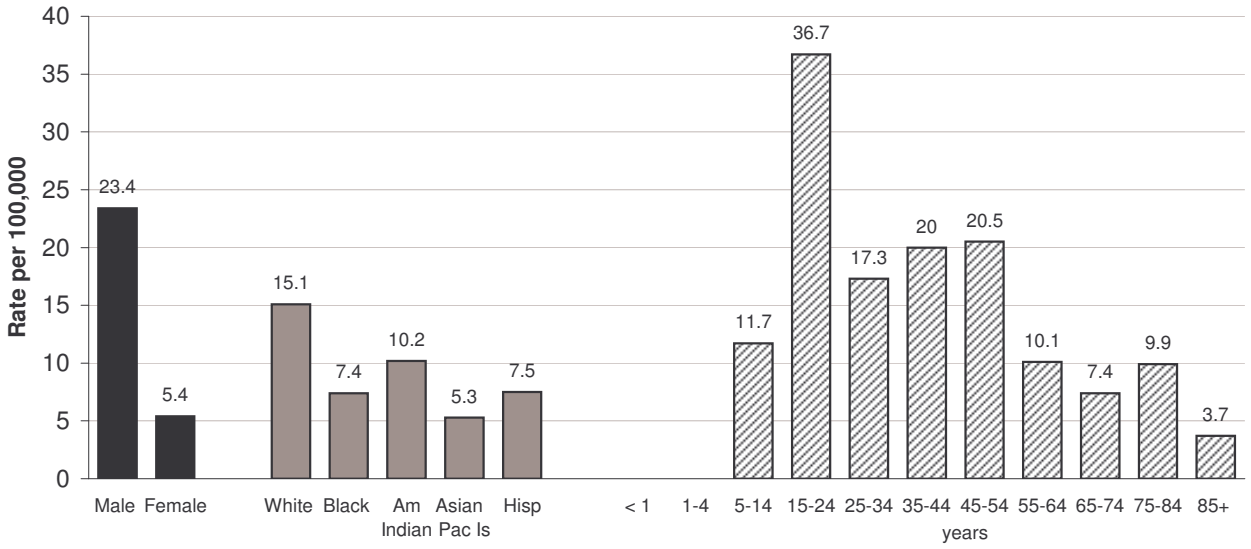


Table 103. Number of deaths, age-adjusted death rate and years of potential life lost due to Suicide Oklahoma and each County, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: X85-Y09, Y87.1

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	2,441	17,439,056	14.0	13.9	54,306
Adair	13	106,902	12.2	12.4	330
Alfalfa	2	29,738	++	++	65
Atoka	10	70,165	14.3	13.8	222
Beaver	4	28,003	++	++	103
Beckham	18	98,259	18.3	18.0	362
Blaine	8	58,273	13.7	13.3	200
Bryan	30	185,197	16.2	16.0	592
Caddo	22	150,393	14.6	14.6	478
Canadian	55	457,403	12.0	12.4	1,292
Carter	39	230,974	16.9	16.8	874
Cherokee	33	216,909	15.2	15.2	689
Choctaw	13	76,724	16.9	18.0	328
Cimarron	3	15,100	++	++	91
Cleveland	112	1,076,550	10.4	10.5	2,778
Coal	1	29,957	++	++	37
Comanche	77	559,356	13.8	14.3	1,888
Cotton	8	32,720	24.4	24.7	168
Craig	11	74,263	14.8	15.2	281
Creek	61	341,848	17.8	18.0	1,450
Custer	14	127,218	11.0	11.8	215
Delaware	20	190,655	10.5	9.9	332
Dewey	6	23,210	25.9	22.9	59
Ellis	-	-	-	-	-
Garfield	29	286,629	10.1	9.8	519
Garvin	29	136,085	21.3	22.3	758
Grady	38	233,896	16.2	16.0	765
Grant	7	25,042	28.0	21.9	45
Greer	4	29,549	13.5	11.5	52
Harmon	1	15,644	++	++	17
Harper	-	-	-	-	-
Haskell	5	59,567	8.4	8.3	80
Hughes	6	70,057	8.6	9.0	217
Jackson	17	138,023	12.3	12.7	389
Jefferson	7	32,926	21.3	22.4	158
Johnston	5	52,313	9.6	9.6	81
Kay	28	237,122	11.8	12.3	652
Kingfisher	9	69,991	12.9	13.0	155
Kiowa	6	50,129	12.0	14.7	198
Latimer	11	53,016	20.7	22.7	317
Leflore	20	243,063	8.2	8.0	276

++ 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, 2000-2004

(All rates are deaths per 100,000 population. Age-adjusted rates based on 2000 Oklahoma population standard.)
ICD-10: X85-Y09, Y87.1

County	*Deaths*	*Population*	*Death Rate*	*Age-Adjusted Death Rate*	*YPLL Before the Age of 65*
State	2,441	17,439,056	14.0	13.9	54,306
Lincoln	31	161,200	19.2	19.6	705
Logan	15	175,353	8.6	8.4	309
Love	6	44,589	13.5	14.6	173
McClain	19	141,507	13.4	13.5	369
McCurtain	32	170,864	18.7	19.2	613
McIntosh	24	98,557	24.4	25.2	457
Major	3	37,404	++	++	29
Marshall	10	67,643	14.8	14.9	223
Mayes	31	193,985	16.0	16.0	696
Murray	12	63,343	18.9	18.9	259
Muskogee	48	350,197	13.7	13.8	1,083
Noble	5	56,586	8.8	8.8	100
Nowata	5	53,455	9.4	7.8	27
Okfuskee	7	58,475	12.0	12.2	175
Oklahoma	474	3,356,517	14.1	14.0	11,078
Okmulgee	29	198,796	14.6	14.9	771
Osage	32	225,213	14.2	14.1	635
Ottawa	36	164,864	21.8	21.3	683
Pawnee	9	84,120	10.7	10.2	138
Payne	32	345,804	9.3	10.5	676
Pittsburg	41	219,761	18.7	18.7	959
Pontotoc	32	174,815	18.3	18.7	674
Pottawatomie	50	332,774	15.0	15.2	922
Pushmataha	12	58,528	20.5	21.0	292
Roger Mills	3	16,443	++	++	65
Rogers	36	376,232	9.6	9.4	882
Seminole	22	123,409	17.8	18.0	481
Sequoyah	29	198,608	14.6	15.0	712
Stephens	35	213,834	16.4	16.0	697
Texas	11	100,586	10.9	11.6	263
Tillman	11	45,124	24.4	25.0	268
Tulsa	430	2,839,488	15.1	15.2	9,624
Wagoner	26	301,990	8.6	8.9	550
Washington	38	245,294	15.5	15.6	737
Washita	4	57,150	++	++	76
Woods	2	43,859	++	++	68
Woodward	12	92,704	12.9	12.4	160
Unknown	5	-	-	-	164

++ 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, 2000-2004

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	1,968	22.9	23.3	44,253	473	5.3	5.3	10,053
Adair	12	22.7	22.8	311	1	++	++	19
Alfalfa	2	++	++	65	-	-	-	-
Atoka	8	21.1	20.3	178	2	++	++	44
Beaver	4	++	++	103	-	-	-	-
Beckham	14	27.4	27.2	307	4	++	++	55
Blaine	8	25.6	24.3	200	-	-	-	-
Bryan	22	24.3	24.0	396	8	8.5	8.8	196
Caddo	20	26.7	27.6	391	2	++	++	87
Canadian	48	21.0	22.6	1,133	7	3.1	3.0	159
Carter	32	28.7	29.1	716	7	5.9	5.9	158
Cherokee	24	22.5	22.0	525	9	8.2	8.7	164
Choctaw	10	27.4	28.7	273	3	++	++	55
Cimarron	3	++	++	91	-	-	-	-
Cleveland	89	16.4	17.7	2,074	23	4.3	4.0	704
Coal	1	++	++	37	-	-	-	-
Comanche	62	21.6	23.8	1,527	15	5.5	5.6	361
Cotton	6	36.9	36.5	131	2	++	++	37
Craig	10	26.8	26.0	255	1	++	++	26
Creek	55	32.8	33.3	1,198	6	3.4	3.9	252
Custer	10	16.2	17.7	176	4	++	++	39
Delaware	16	17.0	16.8	303	4	++	++	29
Dewey	6	52.8	49.7	59	-	-	-	-
Ellis	28	20.1	19.7	500	1	++	++	19
Garfield	20	30.4	31.6	536	9	12.8	13.2	222
Garvin	28	24.4	25.0	581	10	8.4	7.9	184
Grady	6	49.2	39.7	32	1	++	++	13
Grant	2	++	++	25	2	++	++	27
Greer	-	-	-	-	-	-	-	-
Harmon	1	++	++	17	-	-	-	-
Harper	-	-	-	-	-	-	-	-
Haskell	5	17.1	16.8	80	-	-	-	-
Hughes	5	13.8	12.9	177	1	++	++	40
Jackson	14	20.4	21.8	327	3	++	++	62
Jefferson	7	43.7	44.4	158	-	-	-	-
Johnston	2	++	++	13	3	++	++	68
Kay	20	17.4	17.4	417	8	6.6	7.9	235
Kingfisher	6	17.5	19.0	82	3	++	++	73
Kiowa	6	24.4	28.0	198	-	-	-	-
Latimer	9	34.4	39.6	234	2	++	++	83
Leflore	17	14.0	14.6	220	3	++	++	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 104. Number of deaths, age-adjusted death rate and years of potential life lost due to Suicide by gender: Oklahoma and each County, 2000-2004

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	1,968	22.9	23.3	44,253	473	5.3	5.3	10,053
Lincoln	28	35.1	36.2	643	3	++	++	62
Logan	9	10.4	10.0	158	6	6.8	6.7	151
Love	6	27.1	28.8	173	-	-	-	-
McClain	15	21.3	23.3	274	4	++	++	95
McCurtain	24	29.1	30.9	482	8	9.1	8.9	131
McIntosh	22	46.6	51.0	434	2	++	++	23
Major	3	++	++	29	-	-	-	-
Marshall	8	23.9	24.1	179	2	++	++	44
Mayes	28	29.1	29.8	653	3	++	++	43
Murray	11	35.2	35.5	248	1	++	++	11
Muskogee	40	23.6	24.5	894	8	4.4	4.7	189
Noble	5	17.8	17.9	100	-	-	-	-
Nowata	5	19.0	18.7	27	-	-	-	-
Okfuskee	5	16.5	15.9	109	2	++	++	66
Oklahoma	367	22.4	22.8	8,951	107	6.2	6.1	2,127
Okmulgee	22	22.7	22.7	618	7	6.9	7.3	153
Osage	26	22.8	22.2	482	6	5.4	6.2	153
Ottawa	31	38.6	38.4	563	5	5.9	5.9	120
Pawnee	7	16.8	16.6	138	2	++	++	.
Payne	26	14.7	17.4	533	6	3.5	3.7	143
Pittsburg	33	29.7	28.9	762	8	7.4	7.8	197
Pontotoc	24	28.3	30.3	533	8	8.9	8.7	141
Pottawatomie	37	22.9	24.7	662	13	7.6	7.6	260
Pushmataha	11	39.0	39.6	275	1	++	++	17
Roger Mills	3	++	++	65	-	-	-	-
Rogers	27	14.6	14.3	688	9	4.7	4.7	194
Seminole	18	30.2	30.2	355	4	++	++	126
Sequoyah	22	22.4	23.4	560	7	7.0	7.0	152
Stephens	33	31.7	31.4	665	2	++	++	32
Texas	8	15.4	15.9	241	3	++	++	22
Tillman	9	40.7	40.8	220	2	++	++	48
Tulsa	348	25.2	26.0	8,128	82	5.6	5.5	1,496
Wagoner	20	13.4	13.6	432	6	3.9	4.2	118
Washington	30	25.4	26.0	580	8	6.3	6.2	157
Washita	3	++	++	31	1	++	++	45
Woods	1	++	++	44	1	++	++	24
Woodward	11	23.6	23.4	141	1	++	++	19
Unknown	4	-	-	137	1	-	-	27

++ 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, 2004

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

County	*< 1 year*	*1-4 years*	*5-9 years*	*10-14 years*	*15-19 years*	*1-19 years*
State	50,398	191,842	228,824	241,321	253,465	915,452
Adair	351	1,378	1,583	1,825	1,733	6,519
Alfalfa	28	152	262	288	345	1,047
Atoka	152	637	813	922	940	3,312
Beaver	65	237	317	437	400	1,391
Beckham	244	1,015	1,177	1,206	1,312	4,710
Blaine	120	487	647	767	842	2,743
Bryan	489	1,955	2,311	2,498	2,693	9,457
Caddo	479	1,644	1,941	2,307	2,550	8,442
Canadian	1,137	4,565	6,212	6,929	7,373	25,079
Carter	677	2,550	3,024	3,288	3,280	12,142
Cherokee	645	2,408	2,866	2,972	3,846	12,092
Choctaw	225	879	946	1100	1106	4,031
Cimarron	44	145	202	210	231	788
Cleveland	2,600	10,190	13,247	14,093	17,450	54,980
Coal	88	312	391	444	429	1,576
Comanche	1,930	7,361	8,561	8,509	8,680	33,111
Cotton	68	292	423	472	430	1,617
Craig	150	761	848	953	1011	3,573
Creek	841	3,436	4,428	5,089	5,067	18,020
Custer	399	1,315	1,395	1,490	2,098	6,298
Delaware	422	1,812	2,352	2,651	2,689	9,504
Dewey	65	209	232	277	319	1,037
Ellis	40	164	205	231	240	840
Garfield	891	3091	3690	3796	3786	14,363
Garvin	382	1,414	1,694	1,738	1,785	6,631
Grady	591	2,412	3,182	3,383	3,567	12,544
Grant	58	188	239	345	386	1,158
Greer	76	245	250	289	361	1,145
Harmon	34	147	169	197	249	762
Harper	47	151	162	189	251	753
Haskell	160	676	776	844	799	3,095
Hughes	169	629	843	876	886	3,234
Jackson	458	1,699	2,173	2,137	2,085	8,094
Jefferson	68	291	374	440	409	1,514
Johnston	109	471	673	722	749	2,615
Kay	675	2533	3056	3347	3451	12,387
Kingfisher	205	748	840	994	1,061	3,643
Kiowa	139	508	531	645	706	2,390
Latimer	123	493	672	730	924	2,819
Leflore	719	2,809	3,145	3,456	3,568	12,978

Table 105. Population estimates of children by age group: Oklahoma and each County, 2004

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

County	*< 1 year*	*1-4 years*	*5-9 years*	*10-14 years*	*15-19 years*	*1-19 years*
State	50,398	191,842	228,824	241,321	253,465	915,452
Lincoln	368	1,522	2,073	2,424	2,459	8,478
Logan	396	1635	2113	2415	3323	9,486
Love	109	435	516	650	649	2,250
McClain	369	1,423	1,955	1,918	2,116	7,412
McCurtain	513	1,933	2,367	2,639	2,536	9,475
McIntosh	224	872	1,076	1,247	1,293	4,488
Major	61	282	414	462	540	1,698
Marshall	161	660	814	885	894	3,253
Mayes	499	2,022	2,605	2,744	2,887	10,258
Murray	147	637	784	797	792	3,010
Muskogee	1,003	3,723	4,771	4,828	4,888	18,210
Noble	138	553	685	764	784	2,786
Nowata	151	486	697	772	758	2,713
Okfuskee	118	528	687	730	794	2,739
Oklahoma	11,539	42,454	45,795	45,028	45,007	178,284
Okmulgee	540	2,049	2,663	2,933	3,089	10,734
Osage	470	1,918	2,745	3,219	3,449	11,331
Ottawa	371	1619	2117	2343	2604	8,683
Pawnee	217	770	1,035	1,248	1,255	4,308
Payne	777	3027	3267	3296	6432	16,022
Pittsburg	449	1,871	2,450	2,846	2,915	10,082
Pontotoc	464	1,845	2,119	2,307	2,478	8,749
Pottawatomie	911	3,539	4,389	4,585	5,220	17,733
Pushmataha	117	515	722	825	869	2,931
Roger Mills	40	169	160	196	200	725
Rogers	929	3715	5387	6089	6174	21,365
Seminole	381	1,338	1,595	1,732	1,809	6,474
Sequoyah	547	2,118	2,862	3,009	2,995	10,984
Stephens	541	1,995	2,659	2,793	2,885	10,332
Texas	412	1,465	1,535	1,462	1,532	5,994
Tillman	109	426	538	604	751	2,319
Tulsa	9307	34775	39010	39886	37928	151,599
Wagoner	749	3,087	4,360	4,755	4,631	16,833
Washington	566	2,223	2,850	3,400	3,563	12,036
Washita	160	493	673	787	866	2,819
Woods	99	332	355	419	638	1,744
Woodward	283	979	1,129	1,198	1,375	4,681

Table 106. Female population estimates by age: Oklahoma and each County, 2004

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

County	*15-17 years*	*18-19 years*	*20-24 years*	*25-29 years*	*30-34 years*	*35-39 years*	*40-44 years*
State	72,143	51,273	133,855	116,661	112,132	111,291	132,655
Adair	528	332	799	626	716	718	745
Alfalfa	107	79	156	91	82	136	175
Atoka	266	176	446	350	397	400	444
Beaver	111	76	175	87	131	160	248
Beckham	418	208	708	558	530	508	686
Blaine	236	154	374	248	267	273	367
Bryan	761	533	1,610	1,341	1,183	1,159	1,235
Caddo	786	431	1,138	716	767	917	1,121
Canadian	2,202	1,408	3,779	2,829	3,042	3,246	4,207
Carter	977	603	1,607	1,388	1,440	1,360	1,765
Cherokee	870	1,027	2,177	1,865	1,313	1,251	1,507
Choctaw	320	207	541	428	488	461	586
Cimarron	76	35	86	50	61	81	100
Cleveland	4,293	4,019	10,187	10,111	7,837	7,434	8,704
Coal	131	78	184	164	188	162	199
Comanche	2,440	1,549	4,102	3,531	3,762	3,718	4,133
Cotton	129	71	209	163	189	208	251
Craig	311	180	512	364	383	432	579
Creek	1,564	923	2,407	1,813	2,018	2,256	2,632
Custer	481	616	1,468	1,128	637	632	888
Delaware	796	498	1,309	1,089	1,079	1,117	1,361
Dewey	91	52	195	95	88	101	177
Ellis	69	42	105	73	84	102	129
Garfield	1,134	704	2,057	1,689	1,648	1,751	2,162
Garvin	557	335	984	719	825	820	1,003
Grady	1,043	678	2,042	1,521	1,477	1,600	1,961
Grant	121	77	151	70	100	139	194
Greer	115	58	167	110	109	132	159
Harmon	71	57	112	54	60	91	115
Harper	87	42	116	55	69	80	134
Haskell	274	132	455	341	361	333	416
Hughes	241	170	426	351	358	360	453
Jackson	603	358	959	747	845	978	1,068
Jefferson	134	76	217	151	181	188	223
Johnston	201	162	399	274	289	292	361
Kay	972	724	1,677	1,154	1,156	1,379	1,712
Kingfisher	310	214	562	356	359	408	581
Kiowa	186	129	334	215	221	266	370
Latimer	220	258	456	275	277	335	403
Leflore	1,024	729	1,758	1,437	1,442	1,505	1,691

Table 106. Female population estimates by age: Oklahoma and each County, 2004

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

County	*15-17 years*	*18-19 years*	*20-24 years*	*25-29 years*	*30-34 years*	*35-39 years*	*40-44 years*
State	72,143	51,273	133,855	116,661	112,132	111,291	132,655
Lincoln	750	450	1,179	861	883	1,019	1,281
Logan	771	791	1,953	1,062	1,066	1,019	1,470
Love	189	103	294	217	268	263	339
McClain	652	402	1,022	825	885	956	1,256
McCurtain	776	448	1,188	976	1,023	1,094	1,225
McIntosh	397	252	671	482	520	540	699
Major	147	91	232	159	187	203	281
Marshall	260	158	456	370	389	350	520
Mayes	917	503	1,372	1,171	1,158	1,143	1,430
Murray	202	151	497	355	382	396	483
Muskogee	1,418	949	2,660	2,240	2,159	2,234	2,605
Noble	241	156	356	290	327	337	428
Nowata	232	140	340	284	280	339	380
Okfuskee	264	148	394	312	290	309	397
Oklahoma	12,989	9,258	25,298	26,331	24,575	22,218	25,553
Okmulgee	894	547	1,533	1,139	1,090	1,125	1,499
Osage	1023	605	1545	1118	1094	1404	1730
Ottawa	718	511	1,176	869	914	1,018	1,121
Pawnee	364	253	551	380	516	530	585
Payne	960	2,426	4,579	4,493	1,946	1,636	2,066
Pittsburg	854	528	1,384	993	1,193	1,267	1,556
Pontotoc	730	461	1,438	1,321	1,019	1,065	1,255
Pottawatomie	1,399	1,038	2,728	2,306	2,066	2,118	2,542
Pushmataha	263	164	413	241	313	419	424
Roger Mills	44	35	110	53	65	82	124
Rogers	1,929	1,120	3,145	2,284	2,480	2,718	3,264
Seminole	575	334	973	684	638	715	860
Sequoyah	920	516	1,404	1,203	1,347	1,299	1,579
Stephens	908	511	1,529	1,105	1,119	1,213	1,670
Texas	406	333	824	678	688	583	698
Tillman	212	133	269	166	230	256	318
Tulsa	11,273	7,438	19,507	18,891	20,289	19,428	21,947
Wagoner	1,356	876	2,481	1,890	2,011	2,106	2,598
Washington	1,039	683	1,716	1,220	1,312	1,378	1,769
Washita	250	174	429	274	308	332	432
Woods	163	151	383	289	166	171	278
Woodward	402	236	680	502	477	519	748

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

113 Selected Causes	*ICD-10*
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

113 Selected Causes	*ICD-10*
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

113 Selected Causes	*ICD-10*
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

50 Rankable Causes	*ICD-10*
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

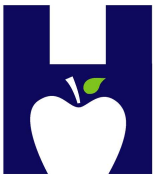
Appendix 3. 39 Selected Causes of Death and associated ICD-10 codes

39 Selected Causes	*ICD-10*
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

39 Selected Causes	*ICD-10*
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

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