

Water Poll. & Water Supply Section

PUBLIC HEALTH STATISTICS

STATE OF

OKLAHOMA

1959



PART II

BIRTHS AND DEATHS

PUBLIC HEALTH STATISTICS

STATE OF

OKLAHOMA

1959



PART II

BIRTHS AND DEATHS

Oklahoma State Department of Health
Oklahoma City, Oklahoma
KIRK T. NOSLEY, M. D., Commissioner

TABLE OF CONTENTS

Discussion.....	1-22
Population.....	1
Residence Allocation.....	1
Cause of Death Classification.....	3
Live Births.....	4
Immature Births.....	5
Stillbirths.....	6
Total Deaths.....	8
Leading Causes of Death.....	8
Heart Disease.....	10
Malignant Neoplasms.....	10
Vascular Lesions of the Central Nervous System.....	12
Accidents.....	12
Certain Diseases of Early Infancy.....	12
Influenza and Pneumonia.....	12
Diseases of Arteries.....	13
Diabetes Mellitus.....	13
Nephritis and Nephrosis.....	13
Congenital Malformations.....	13
Other Important Causes of Death.....	14
Communicable Diseases.....	14
Maternal Deaths.....	15
Infant Deaths.....	16
Deaths of Infants Under One Month of Age.....	18
Deaths of Infants One through Eleven Months of Age.....	20
Perinatal Mortality.....	21

APPENDIX

Table A. Births, Deaths, and Deaths by Important Causes, Number and Rate, Oklahoma, 1940-1959.....	25
Table B. Historical Summary of Certain Causes of Death, Adjusted by Comparability Ratio, Number and Rate, Oklahoma, 1940-1949.....	30
Table C. Recorded Births, Stillbirths, Deaths, Infant and Neonatal Deaths, Number and Rate, by County, Oklahoma, 1959.....	31
Table I. Resident Deaths by International Intermediate List of 150 Causes, Number and Rate, by Race, Oklahoma 1959.....	32
Table II. Resident Births, Deaths, and Deaths by International Abbreviated List of 50 Causes, Number and Rate, by Race, Oklahoma, 1959.....	35
Table III. Resident Deaths by International Abbreviated List of 50 Causes, by Race, Sex, and Age, Oklahoma, 1959.....	36
Table IV. Leading Causes of Death, Number and Per Cent, by Age Group, Oklahoma, 1959.....	43
Table V. Resident Births, Deaths, and Deaths by Important Causes, Number and Rate by County, and Number by County and Race, Oklahoma, 1959.....	44
Table VI. Resident Births, Deaths, and Deaths by Important Causes, Number and Rate, by Race, Oklahoma City and Tulsa, 1959.....	70

PUBLIC HEALTH STATISTICS OF OKLAHOMA
BIRTHS AND DEATHS

1959

This bulletin, Public Health Statistics of Oklahoma, Part II, contains a summary of births, stillbirths, and deaths which occurred to residents of Oklahoma during the year 1959. Since the series had its beginning in 1943, this is the seventeenth consecutive year for which it has been published. In the pages immediately following is a narrative summary of the more important aspects of the States mortality and natality experience during the year with illustrations of points of particular interest by means of tables and charts. There is also an Appendix which shows detailed summary statistics for the State as a whole and vital statistics pertaining to the individual counties, Oklahoma City and Tulsa.

Data in this bulletin are made available to public health workers and to all others working to promote the health and welfare of the State's inhabitants. A study of vital statistics leads to an awareness, on the part of responsible officials, of the health needs of the people and aids in the development of health programs designed to meet these needs. Further study permits an evaluation of results to determine whether specific health programs have produced the desired results.

The Division of Statistics of the State Department of Health maintains files of tabulations in greater detail than those appearing in this publication. These data are available for reference by interested individuals.

POPULATION

The total population estimate of 2,276,000 has been used for computing rates for the State. This all-state estimate, prepared by the Oklahoma Committee for Population Estimates, is the sum total of unrounded county estimates. The estimates for the racial groups were: white, 2,064,290; Negro, 157,941; and Indian, 53,769. Estimates for counties, Oklahoma City and Tulsa have been included in Tables V and VI in the Appendix.

RESIDENCE ALLOCATION

One table in the Appendix, Table C, shows the number of births, deaths, stillbirths, infant and neonatal deaths that occurred in each county during the year. These counts are based only on the birth and death certificates filed in Oklahoma. Since information according to place of residence, however, is generally more useful, all other detailed tables contain information relating to the resident population of the area specified.

The reallocation of births and deaths to place of residence is made possible by the voluntary exchange of photostatic copies of non-resident certificates for statistical use among the states, U. S. territories, and Canada. Births and

deaths occurring in Oklahoma to non-residents are excluded from the resident tabulations, and those events to residents of Oklahoma occurring in other states are included. The reallocation to place of residence is made on a county and city basis, as well as a statewide basis.

Tables 1 and 2, below, show the number of non-resident births and deaths excluded from the tabulations and the number of certificates for residents of the State which were received from other states that have been included.

Table 1

Residence Allocation, Oklahoma, 1959	Number	
	Non-Resident Certificates Excluded	Resident Transcripts Included
Births	865	1,579
Deaths	574	977

Table 2

Births and Deaths of Oklahoma Residents Occurring Outside Oklahoma, by State in which the Events Occurred, 1959

State	Number	
	Births	Deaths
Total	1,579	977
Alaska	20	3
Arizona	11	14
Arkansas	528	179
California	8	32
Colorado	77	32
Illinois	16	7
Kansas	302	180
Kentucky	19	3
Louisiana	35	14
Missouri	91	74
New Mexico	20	35
Texas	382	300
All Others	70	104

In 1959, the number of resident transcripts of births received from outside the State exceeded the number of certificates filed in Oklahoma for non-resident births as may be seen in Table 1, page 2. Resident deaths occurring outside the State continued to be almost twice as great in number as non-resident deaths occurring in the State. The net result of residence allocation for the State was a gain in numbers of births and deaths.

CAUSE OF DEATH CLASSIFICATION

The cause of death selected for statistical purposes from multiple causes reported on a death certificate during 1958 and 1959 was in accordance with the procedures established in connection with the Seventh Revision of the International Statistical Classification of Diseases, Injuries, and Causes of Death. During the years 1949-1957, selection of the cause of death was in accordance with the Sixth Revision. Due to several minor changes, comparability ratios have been established for the two revisions and should be utilized when comparing their rates or numbers. Table 3, below, contains those ratios which represent 2 per cent or more change from the Sixth to the Seventh Revision.

Table 3
Comparability Ratios for Cause of Death Categories Showing 2 Per Cent or More Change, Oklahoma, Fourth Quarter, 1957

Cause of Death	Comparability Ratio*
Diabetes mellitus	1.02
Hypertension with heart disease	1.08
Hypertension without heart disease	1.20
Bronchitis	1.14
Nephritis and nephrosis	0.98

* Ratio of deaths classified by Seventh Revision to Sixth Revision of International List, Fourth Quarter, 1957.

Prior to 1949, the cause of death was classified according to the procedures established in the Fifth Revision. The Sixth Revision of the Classification of Cause of Death represented changes of such magnitude from those in effect before 1949 that some of the statistics prior to that year may not be comparable with data for later years without adjusting. Comparability ratios have been established, as shown in Table B in the Appendix, and numbers and rates for certain categories in the years 1940-1948 have been adjusted to comparability with 1949 and succeeding years. Table A, also in the Appendix, contains data as originally classified by the coding rules in effect during the year concerned, but these, too, can be adjusted for comparisons by use of the comparability ratios shown in Table B when necessary.

LIVE BIRTHS

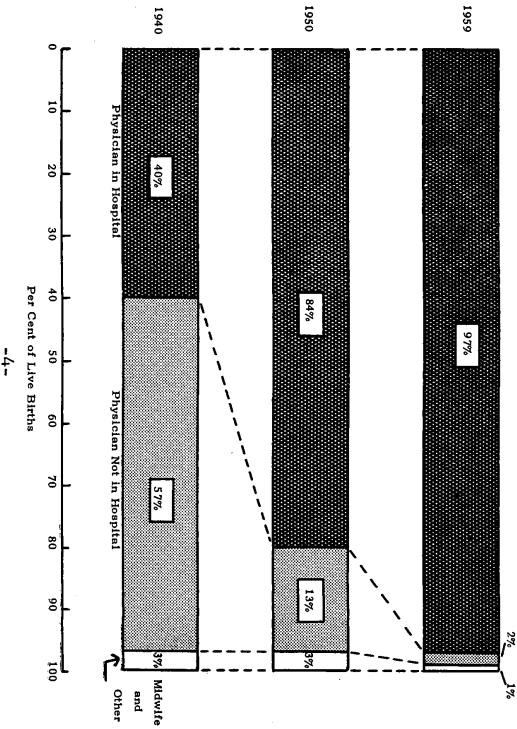
During 1959, a total of 51,141 live infants were born to residents of Oklahoma, for a rate of 22.5, an increase from the number of 50,552 and rate of 22.0 in 1958. Each race group showed increases in both number and rate over the previous year. The white race group increased from a number of 43,760 and a rate of 21.0 to 44,105 and 21.4; the Negro from 4,581 and 28.9 to 4,774 and 30.2; and the Indian from 2,211 and 41.1 to 2,262 and 42.1. The sex ratio was slightly more than 105 males per 100 females, the same as in the previous year.

Table 4
Live Birth Attendance by Race, Oklahoma, 1959

Attendance	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total live births	51,141	100.0	44,105	100.0	4,774	100.0	2,262	100.0
Physician in hospital	49,311	96.4	42,989	97.5	4,143	86.8	2,179	96.3
Physician not in hospital	1,262	2.5	977	2.2	229	4.8	56	2.5
Midwife and other	568	1.1	139	0.3	402	8.4	27	1.2

Chart 1

Proportion of Live Births, by Attendant, by Whether or Not Birth Occurred in Hospital, Oklahoma, 1940, 1950, and 1959



-4-

The proportion of deliveries occurring in hospitals continued to increase during 1959, with 49,311 or 96.4 per cent of the total live births occurring in hospitals, as compared to 95.9 per cent in the previous year. The number of deliveries occurring outside hospitals represented only 3.6 per cent of the total live births in 1959. Almost one-third, 31.0 per cent, of those occurring outside hospitals were delivered by attendants other than physicians.

The place of birth has undergone a transition from home to hospital during the 20 year period, 1940-1959. This can be observed in Chart 1, page 4. In 1940, only 2 out of every 5 births occurred in any type of hospital. Only ten years later in 1950, more than 8 out of 10, 84 per cent, occurred in hospitals. In 1959, 96.4 per cent of all the deliveries occurred in hospitals.

Immature Births

During 1959, 7.0 per cent of the infants born to Oklahoma residents were classified as immature, when a birth weight of five and a half pounds or less was used as the criterion for immaturity. During the 10 year period, 1950-1959, the proportion of immature births varied no more than from 6.4 to 7.0. The 7.0 per cent noted for 1959 was the same as in 1957 and 1958. Variations among the racial groups have been observed, with the proportion of Negro infants classified as immature considerably higher than the proportion of white or Indian infants. This difference in immaturity among the races is emphasized in Chart 2, page 6.

Table 5, below, shows the proportion of immature infants for each race group according to age of the mother. The highest percentage of immature births were to mothers under 15 years of age.

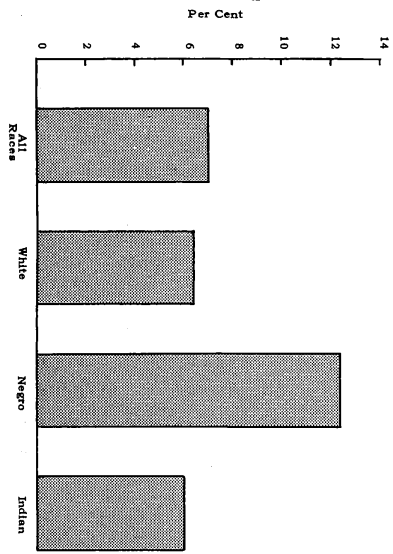
Table 5
Number of Live Births and Number and Percentage Immature by Race, by Age of Mother, Oklahoma, 1959

Race	Total	Age of Mother						
		-15	15-19	20-24	25-29	30-34	35-39	40-45+
Total:	50,710	112	9,720	18,637	11,619	6,431	3,234	893
Immature**	3,526	20	746	1,230	751	464	251	62
Per cent immature	7.0	17.9	7.7	6.6	6.5	7.2	7.8	6.9
White:	43,770	62	8,309	16,425	10,079	5,463	2,660	715
Immature**	2,807	11	573	1,018	598	363	194	49
Per cent immature	6.4	17.7	6.9	6.2	5.9	6.6	7.3	6.9
Negro:	4,693	44	1,025	1,487	1,015	638	368	112
Immature**	584	9	148	166	128	80	44	9
Per cent immature	12.4	20.5	11.2	12.6	12.5	12.0	12.0	8.0
Indian:	2,247	6	386	725	525	330	206	66
Immature**	135	-	25	46	25	21	13	4
Per cent immature	6.0	-	6.5	6.3	4.8	6.4	6.3	6.1

* Number with age and weight specified; 431 excluded from total because weight and/or age unspecified.
** Number with age specified; 3 excluded from total because age unspecified.

-5-

Chart 2
Percentage of Live Births Classified as Immature,
by Race, Oklahoma, 1959



STILLBIRTHS

The 1959 stillbirth rate of 13.4 per 1,000 live births, based on 684 stillbirths, represented a slight increase from the rate of 13.3 based on 671 stillbirths in the previous year. The stillbirth figures represent fetal deaths which occurred after the twentieth week of gestation. The fetal (stillbirth) death rate for white infants was 12.4, compared to the Negro rate of 20.7 and the Indian rate of 17.7. Only 91.8 per cent of the stillbirths were delivered in hospitals as compared to 96.4 per cent of the live births.

In general, each stillbirth was attributed to the underlying cause as shown in the medical certification of the stillbirth certificate. If the underlying cause could not be determined from the certification, however, when more than one cause was reported, a table of precedence was used. In this table, congenital malformations took the highest priority, followed by placental and cord conditions, birth injuries, and other fetal conditions, then ectopic gestation, difficult labor, hemorrhage, toxemias of pregnancy, and other conditions in the mother, with all these specific conditions taking precedence over ill-defined causes.

A large proportion of the stillbirths with cause specified, 78.3 per cent, was attributed to causes determined in the fetus, placenta or cord. Placenta and cord conditions accounted for 57.2 per cent of stillbirths with defined causes. The stillbirths by cause, classified according to the "Y" Code as published in the International Statistical Classification of Diseases, Injuries, and Causes of Death, are shown in Table 7.

Table 6
Stillbirth Attendance by Race, Number and Per Cent,
Oklahoma, 1959

Attendance at Birth	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total	684	100.0	545	100.0	99	100.0	40	100.0
Physician in hospital	628	91.8	514	94.3	77	77.8	37	92.5
Physician not in hosp.	42	6.1	29	5.3	10	10.1	3	7.5
Midwife	9	1.3	1	0.2	8	8.1	-	-
Other & unknown	5	0.7	1	0.2	4	4.0	-	-

Table 7
Resident Stillbirths, by Cause of Stillbirth,
Oklahoma, 1959

Cause of Stillbirth	Number	Per Cent
Total	684	100.0
Causes Determined in the Mother, or Related to Pregnancy:		
Diabetes mellitus (Y30.2)	7	1.0
Chronic disease of genito-urinary system (Y30.4)	1	0.1
Other chronic diseases (Y30.0, .1, .3, .5)	5	0.7
Acute disease in mother (Y31)	8	1.2
Toxemias of pregnancy (Y32.3, .4)	32	4.7
Infection (ante- and intra-partum) (Y32.5)	32	4.7
Difficulties in labor (Y34)	-	-
Self-induced abortion (Y32.0)	-	-
Accident or violence (Y35.0, .1)	5	0.7
Other and ill-defined causes in mother (Y32.1, .2, Y33, Y35.2, .3)	5	0.7
Causes Determined in the Fetus, Placenta or Cord:		
Placenta and cord conditions (Y36)	250	36.5
Birth injury (Y37)	1	0.1
Congenital malformations of fetus (Y38)	55	8.0
Erythroblastosis (Y39.2)	33	4.8
Other causes determined in the fetus (Y39.0, .1, .3)	3	0.4
Ill-defined causes (Y39.4, .5)	63	9.2
Cause unspecified (Y39.6)	184	26.9

Figures in parentheses refer to the classification of causes of stillbirth according to the Seventh Revision of the International List.

Table 8 gives information as to whether fetal death occurred before or during labor. For about a fourth, 24.3 per cent, of the stillbirths, the information concerning time of death was either stated to be unknown or the item was not checked on the certificate. Of the 518 certificates that stated whether death occurred before or during labor, 382 or approximately three-fourths occurred before labor or delivery.

Table 8
Resident Stillbirths, According to Whether Death Occurred Before or During Labor, by Race, Number and Per Cent, Oklahoma, 1959

Time of Death	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total stillbirths	684	100.0	545	100.0	99	100.0	40	100.0
Before labor	382	55.8	311	57.1	48	48.5	23	57.5
During labor	136	19.9	105	19.2	22	22.2	9	22.5
Not stated	166	24.3	129	23.7	29	29.3	8	20.0

Stillbirths occurred more frequently among male fetuses than among female during 1959. Although the live birth ratio was only 105 male to every 100 female, the stillbirth ratio of male to female was 130 to 100. During the 3 year period, 1957-1959, the average stillbirths per year among males outnumbered the females 124 to 100.

TOTAL DEATHS

The resident crude death rate for Oklahoma was 9.7 per 1,000 estimated population, representing a small increase from the 9.5 in 1958 and the 9.4 in 1957. The white rate was 9.5, compared to 9.3 in 1958; the Negro was the same for the two years, 11.1; and the Indian was 10.5, compared to 11.0. These rates and the figures on which they are based may be observed in Tables I and II in the Appendix, together with data for important causes of death. Age-specific death rates cannot be computed for 1959 since reliable population estimates by age groups are not available. During the year, male deaths exceeded female by 12,968 to 9,028, for a ratio of 144 male deaths to every 100 female.

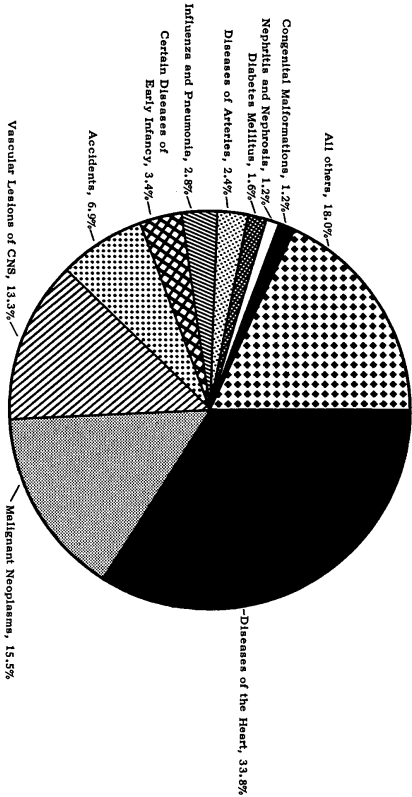
LEADING CAUSES OF DEATH

The leading causes of death for Oklahomans in 1959 are shown in Chart 3, page 9, together with the percentages of the total number of deaths assigned to each of these causes.

The designation of leading causes of death depends in part on the way in which the various small categories of the classification scheme are combined to produce the groups of causes to be ranked. Each leading cause as used in Oklahoma is a combination of categories from the International List. The method of combination and selection follows in general the procedure recommended by the

Mortality Working Group of the Public Health Conference on Records and Statistics, with two exceptions: "Nephritis and Nephrosis," including International List numbers 590-594, is considered as one group instead of being broken into the two categories 590-591 and 592-594. "Diseases of the Arteries," comprising list numbers 450-456, is included, instead of the single title 450 (arteriosclerosis). These changes were made to keep within the framework of the International Intermediate List of 150 Causes.

Chart 3
Leading Causes of Death, Oklahoma, 1959



Heart disease again led the list as the number one cause of death in Oklahoma, with 7,428 deaths of residents attributed to some form of heart disease. This large number constituted over a third of the total deaths occurring during the year. The next three numerically most important causes in rank order--malignant neoplasms, vascular lesions of the central nervous system, and accidents--claimed the lives of 7,856 additional Oklahomans. Almost 70 per cent of the deaths from all causes were due to the four leading causes. These same causes were the top four numerically most important for the white and Negro race groups. The Indian group was similar, although the number of accidents resulting in death exceeded the number of those due to vascular lesions of the central nervous system.

All of the ten leading causes of death remained in the same rank order as was observed in the previous year. Most of the leading causes were responsible for approximately the same proportion of the total deaths as in 1958.

Heart disease, while the leading cause of death in the total group, was not the first cause of death for any age group under age 45. Accidents was the leading cause of death for all age groups between 5 and 34; but was only fourth on the list for the total population. Suicide was listed among the eight leading causes of death for groups between 15 and 64, but the total number of deaths for these age groups was small in comparison to the total number for all ages. Similarly, homicide was one of the leading causes in the age groups 15-44; yet, was not a leading cause in the total group. Maternal deaths were sufficient enough in number in the 25-34 age group to be one of the eight leading causes. Other interesting facts relating to the leading causes of death for racial and age groups may be found in Table IV in the Appendix.

Heart Disease

The 7,428 deaths attributed to heart disease during 1959 gave a rate from this cause of 326.4 deaths per 100,000 estimated population. This was a higher rate than that for any previous year. As in the past, arteriosclerotic and degenerative heart diseases were reported responsible for the largest proportion of deaths attributed to heart disease, 81.4 per cent. Another 9.3 per cent were due to hypertensive heart disease, while 2.2 per cent were due to chronic rheumatic heart disease, and 7.1 per cent were due to other heart diseases.

Heart disease death rates for the white, Negro, and Indian population groups were 333.3, 264.7, and 241.8, respectively. Approximately three-fourths of the deaths attributed to heart disease were in persons 65 years of age and over. Of the 5,534 heart disease deaths in persons age 65 or over, 57.0 per cent were among the male population. In persons under 65 years of age, heart disease deaths among males outnumbered the female 3 to one.

Not included in the heart disease category were 124 deaths due to congenital malformations of the heart, the majority of which were in infants under one year of age. Also, there were 9 deaths attributed to active rheumatic fever, all of which specified some heart involvement.

Malignant Neoplasms

Malignant neoplasms, including the leukemias and neoplasms of the lymphatic and hematopoietic system, ranked second in numerical importance as a cause of death during 1959 and accounted for 15.5 per cent of deaths from all causes. The death rate yielded by this cause group, based on 3,418 deaths, was 150.2 per 100,000 estimated population, the highest rate yet recorded for any one year. For the white population group alone, the cancer mortality rate was 151.4, while those for the Negro and Indian population groups were 139.9 and 132.0, respectively.

The distribution of cancer deaths by the Intermediate List of 150 Causes is given in Table 9, page 11, which also shows the number in each sex. From this table it may be seen that 1,859, or 54.4 per cent, of the deaths were in males. Male deaths predominated in each of the categories common to both sexes with the exception of "intestine," and in this group the female exceeded the male by almost 18 per cent. Cancer of the breast, although more common among females, caused one death in a male during the year.

Table 9
Resident Deaths from Malignant Neoplasms, by Primary Site,
by Sex, Oklahoma, 1959

Site	Male	Female
Total, all sites	1,859	1,559
Malignant neoplasms of:		
Buccal cavity and pharynx	55	12
Esophagus	35	15
Stomach	169	93
Intestine, except rectum	157	184
Rectum	54	34
Larynx	14	3
Trachea, bronchus, and lung		
not secondary	394	79
Breast	1	256
Cervix uteri	-	117
Other and unspecified parts of uterus	-	92
Prostate	228	-
Skin	65	28
Bone and connective tissue	36	23
Other and unspecified sites	461	483
Leukemia and leukemia	99	78
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic tissues	91	62

For both sexes combined the greatest numbers of malignancies were primary in the respiratory system (trachea, bronchus, or lung), representing 13.8 per cent of the cancer deaths. This was the most frequently reported primary site among the male population; in fact, for 21.2 per cent of the males dying from cancer, the primary lesion was in the trachea, bronchus, or lung. The breast, however, was the most frequently reported primary site of cancer causing death among females, with 256 of the cancer deaths among females specifying this to be the primary site.

The uterus was the second most frequently reported primary site among females. This site was specified as primary in 209 of the female cancer deaths, with 117 of these described as cancer of the cervix uteri. Cancer of the breast and uterus together accounted for 29.8 per cent of the cancer deaths among females. For the male population, the prostate was second to the respiratory system, as a site of primary cancer causing death, accounting for 228, or 12.3 per cent of the male cancer deaths.

Vascular Lesions of the Central Nervous System

The third leading cause of death, comprising mostly hemorrhages, thromboses, and embolisms of the brain, accounted for 2,926 deaths in 1959, representing an increase from the 2,843 reported in 1958. This number, in fact, was higher than any previous annual number.

This category was third in rank for the white and Negro racial groups, but was fourth in importance among the Indians. Similar to heart disease and cancer, the category was principally observed in the older age groups; only 36 of the 2,926 deaths occurred to persons less than 35 years of age, while more than 85 per cent occurred to persons at ages 65 and above.

Accidents

Accidents again held its position as the fourth leading cause of death among the general population and continued to be the leading cause of death for persons between one and 34 years of age during 1959. A total of 1,512 residents of the State died from injuries sustained in some type of accident. Almost 43 per cent of the fatalities were due to motor-vehicle accidents. Falls, the next type of accident causing the most deaths, accounted for 275. Fires and explosion of combustible materials caused 166 of the accidental deaths.

Proportionately more Indians, 98.6 per 100,000 population, died as the result of injuries than did Negroes, 89.3, or white persons, 63.8. Motor-vehicle accidents was the chief cause of accidental death for each race group and falls was second for the white race group. Fire and explosion of combustible materials, however, caused more deaths among Negroes and Indians than did falls. Table I in the Appendix gives the number and rate of death from the more important types of accidents.

Because of the growing public interest in accident prevention and the need for specific data as to how, when, and where accidents most frequently occur, special study of the deaths resulting from accidents that occurred in Oklahoma has been made in Public Health Statistics, Part III, Accidental Deaths.

Certain Diseases of Early Infancy

Certain diseases of early infancy caused 747 deaths, 3.4 per cent of the total deaths, during 1959, placing this category in fifth place as a leading cause of death. This category includes birth injuries, postnatal asphyxia and atelectasis, infections of the newborn, disorders arising from maternal toxemia, immaturity, and certain other conditions peculiar to the newborn infant, but does not include congenital malformations. Since these diseases are in general peculiar to the first year of life, discussion of the statistics for these diseases has been included in the section on infant deaths in this bulletin.

Influenza and Pneumonia

Influenza and pneumonia together were responsible for 625 deaths, placing this group of diseases in sixth place as a leading cause of death. The combined rate for these causes was 27.5 per 100,000 population for the general population, while rates for white, Negro, and Indian groups were 26.1, 35.5, and 55.8, respectively.

Half, 24 out of 48, of the deaths assigned to influenza were complicated by pneumonia, and another 21 either had other respiratory manifestations or no manifestations specified. Only 2 had digestive symptoms and one had nervous manifestations. The pneumonia deaths were described as: lobar, 79; broncho, 267; primary atypical, 51; and other or unspecified, 180.

Diseases of the Arteries

Diseases of the arteries, principally arteriosclerosis, was the seventh leading cause of death for the general population, with 533 deaths. Deaths for this group of diseases yielded a higher rate among the white and Negro race groups, 23.7 and 22.8, respectively, than among the Indian, 13.0; however, the Indian rate was based on only 7 deaths. The rate for all races was 23.4.

Deaths from diseases of the arteries occurred more frequently among elderly persons, with 483, or 90.6 per cent, of the 533 deaths in persons 65 years of age or older. The deaths were almost evenly divided among the male and female with slightly over half, 52.5 per cent, occurring among males.

Diabetes Mellitus

The number of deaths from diabetes mellitus in 1959, 344, was considerably higher than the 277 for the previous year. Only 22 of the deaths from this cause occurred at ages less than 45. In contrast to heart disease and vascular lesions of the central nervous system, however, the number fell off sharply after age 84, with only 28 of the deaths occurring in persons ages 85 and over.

The total death rate for this disease was 15.1 per 100,000 estimated population. The death rates from this cause by race were white, 14.4; Negro, 16.5; and Indian, 37.2. Despite the large Indian rate, diabetes mellitus only ranked eighth as a leading cause among the Indian race group.

As in previous years, the female outnumbered the male in number of deaths due to diabetes, with 58.1 per cent occurring among the female population. The proportions varied slightly among the racial groups, with the white showing 58.4 per cent female; the Negro, 53.8 per cent; and the Indian, 60.0 per cent.

Nephritis and Nephrosis

Nephritis and nephrosis appeared in ninth place among leading causes in 1959. The 257 deaths attributed to these causes represented a rate of 11.3 per 100,000 population showing a slight decrease from the rates of 13.6 and 11.7 for the years 1957 and 1958, respectively. As in recent years, it was found that the mortality rate among Negroes, 30.4, was considerably higher than the rates among the white and Indian groups, which were 10.0 and 5.6.

Congenital Malformations

The Intermediate List of 150 Causes provides three categories for congenital malformations, as may be seen in Table I. For the first of these groups, spina bifida and meningocele, all but 2 occurred within the first year of life. The second category, congenital malformations of the circulatory system, included 141, with 97 at under one year. For the third category, all other congenital

malformations, 65 of the 101 deaths were in persons under one year. The remainder of the deaths from these causes were rather widely distributed through the age groups. Only one death occurred among those persons ages 75 and over.

Other Important Causes of Death

Tuberculosis was responsible for enough deaths among the Indian race group to be one of the ten leading causes within that group, although it was not one of the ten leading causes in the general population. The tuberculosis death rates shown approximately an 88 per cent decrease in rate over the past thirty-year period, from the comparable rate of 52.6 in 1929 to 6.0 in 1959. Approximately 92 per cent of all deaths due to tuberculosis occurred in persons 35 years of age and over. Four deaths were reported in children under 5 years of age.

Homicide was an important cause of death among Negroes, falling in seventh position as a leading cause for this racial group. The white and Indian homicide rates, 3.2 and 7.4 respectively, were low in comparison to the 30.4 for the Negro group. The rate for the general population was 5.2.

Suicide was an important cause of death among the general population accounting for 211 deaths in 1959, thus falling in eleventh position as a leading cause of death. The white suicide rate of 9.7 per 100,000 estimated population was high in comparison to the 3.8 for the Negro and 7.4 for the Indian.

Hypertension without mention of heart was responsible for 194 deaths in 1959 yielding a rate of 8.5. The rates by racial group differed considerably, being 7.3 for the white, 26.0 for the Negro, and 3.7 for the Indian. Only 16 of the 194 deaths in this category were in persons under 45 years of age.

COMMUNICABLE DISEASES

Mortality rates yielded by most of the acute communicable diseases have continued to be relatively low in numbers during the past several years. Typhoid fever was responsible for one death during 1959 and paratyphoid for none. Dysentery, all forms, accounted for 5 deaths. Only one of the deaths due to dysentery was in a person less than 55 years of age; this death occurred in an infant less than one year of age. One death occurred in the age group, 55-64. The remaining dysentery deaths all occurred to persons 75 years of age and over.

Table 10
Deaths from Certain Communicable Diseases, by Age,
Oklahoma, 1959

Disease	Total	Age at Death					
		-1	1	2-4	5-9	10-14	15+
Respiratory strep. infections	2	-	-	-	-	-	2
Diphtheria	4	-	-	-	-	-	2
Whooping cough	3	2	-	-	-	-	-
Meningococcal infections	8	1	-	4	1	1	1
Acute poliomyelitis	6	-	-	-	1	1	4
Acute encephalitis	10	1	-	-	1	-	8
Measles	5	2	-	1	1	1	-

Syphilis and its sequelae were responsible for 48 deaths. Of this number, 46 were among persons 45 years of age or more. Of the 48 deaths due to this cause, 36 were males. No deaths were attributed to gonococcal infection during the year.

Acute poliomyelitis was responsible for 6 deaths in 1959. In the previous year no deaths were assigned to the cause. The figure compares with 6 in 1957, 3 in 1956, 6 in 1955, and 23 in 1954. Two of the deaths were among children, ages 5-14. The other 4 deaths occurred to persons in the age groups, 20-44. Of the 6 deaths during 1959, 4 were among males.

Deaths from infectious hepatitis and infectious encephalitis numbered 13 and 10, respectively. The hepatitis figure was somewhat more than the 8 recorded for the previous year. The encephalitis figure, however, was one less than the 11 noted for the previous year. In contrast to most of the communicable disease deaths, persons dying from infectious hepatitis and infectious encephalitis did not occur predominantly among the younger age groups. Only 3 of the infectious hepatitis deaths occurred to persons under 45 years of age. Infectious encephalitis deaths only numbered 2 among persons under 35 years of age.

MATERNAL DEATHS

In 1959, 22 deaths were attributed to maternal conditions, compared with 18 in 1958. The 1958 figure, however, was the lowest previous annual number ever recorded for this cause of death. The rate of 4.3 per 10,000 live births was also an increase from the previous year rate of 3.6. The rate for the white racial group, 3.9 per 10,000 live births, was considerably lower than that for the Negro group, 10.5. No maternal deaths were counted among the Indian population.

Table 11
Maternal Deaths, by Cause, by Age,
Oklahoma, 1959

Cause of Death	Total	Age						
		-15	15-19	20-24	25-29	30-34	35-44	45+
All maternal causes	22	-	-	4	6	4	8	-
Sepsis of pregnancy, child-birth and the puerperium	1	-	-	1	-	-	-	-
Toxemias of pregnancy and the puerperium	5	-	-	3	1	-	1	-
Hemorrhage of pregnancy and childbirth	6	-	-	-	1	1	4	-
Abortion without mention of sepsis or toxemia	1	-	-	-	-	-	1	-
Abortion with sepsis	-	-	-	-	-	-	-	-
Other complications of pregnancy, childbirth, and puerperium	9	-	-	-	4	3	2	-

Table 12
Maternal Deaths by Cause, by Race, Number and Rate*,
Oklahoma, 1959

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All maternal causes	22	4.3	17	3.9	5	10.5	-	-
Sepsis of pregnancy (640, 641)	-	-	-	-	-	-	-	-
Toxemias of pregnancy (642)	2	0.4	2	0.5	-	-	-	-
Hemorrhage of pregnancy (643, 644)	-	-	-	-	-	-	-	-
Ectopic pregnancy without mention of sepsis (645.0)	1	0.2	1	0.2	-	-	-	-
Ectopic pregnancy with mention of sepsis (645.1)	-	-	-	-	-	-	-	-
Other complications of pregnancy (640-649)	2	0.4	2	0.5	-	-	-	-
Abortion without mention of sepsis or toxemia (650)	1	0.2	1	0.2	-	-	-	-
Abortion with mention of sepsis (651)	-	-	-	-	-	-	-	-
Abortion with toxemia, without mention of sepsis (652)	1	0.2	1	0.2	-	-	-	-
Delivery without specified complications (660)	1	0.2	-	-	1	2.1	-	-
Hemorrhage of childbirth (670-672)	6	1.2	4	0.9	2	4.2	-	-
Sepsis of childbirth and the puerperium (681, 682, 684)	1	0.2	1	0.2	-	-	-	-
Toxemias of the puerperium (685, 686)	2	0.4	2	0.5	-	-	-	-
Other complications of childbirth and the puerperium (673-680, 683, 687-689)	5	1.0	3	0.7	2	4.2	-	-

* Number per 10,000 live births

No maternal deaths during 1959 occurred to women under 20 years of age. A breakdown of the maternal deaths by age, by cause of death, is given in Table 11, page 15.

The 22 deaths were due to various reported causes during the year. The hemorrhage of childbirth category was responsible for 6 of the deaths, thus being numerically the most important cause. This cause group, along with the other causes of maternal death, is shown in Table 12, above, with number and rate for each race.

INFANT DEATHS

The number of deaths of resident infants in 1959 was 1,235, the lowest annual number of deaths at less than a year of age yet observed for the State. The infant death rate--number of infant deaths per 1,000 live births--decreased from 27.2 in 1958 to 24.1 in 1959. The white rate of 21.6 was lower than the rates for the other racial groups of 43.6 for the Negro and 33.6 for the Indian.

Infant deaths in the total population and in each race are distributed by cause group in Table 13, below. Under the classification utilized in this table, the largest number of deaths, 227, was assigned to immaturity, in accordance with the rules for the use of the International List. The 227 deaths do not include by any means all those for which immaturity was mentioned, since if immaturity is listed on the death certificate with certain other conditions, the other condition is coded, with a change in the fourth digit of the code to indicate the presence of immaturity, while in certain other cases, for example when a congenital malformation is specified as the direct cause of death and immaturity is listed as "other significant condition," the immaturity does not affect the code assignment. Thus, there is no way of determining how many of the death certificates included mention of immaturity.

Following immaturity in importance was the postnatal asphyxia and atelectasis accounting for 201 deaths. Of these, 134 were with mention of immaturity.

Table 13
Deaths Under One Year, by Cause, by Race,
Number and Rate*, Oklahoma, 1959

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Infant deaths, all causes	1235	24.1	951	21.6	208	43.6	76	33.6
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-
Whooping cough (056)	2	0.0	1	0.0	1	0.2	-	-
Other infective and parasitic diseases (001-019, 030-055, 057-136)	26	0.5	18	0.4	4	0.8	4	1.8
Pneumonia (490-493, 763)	107	2.1	66	1.5	30	6.3	11	4.9
Other diseases of the respiratory system (470-475, 480-483, 500-527)	25	0.5	18	0.4	4	0.8	3	1.3
Gastro-enteritis and colitis (571, 572, 764)	53	1.0	24	0.5	17	3.6	12	5.3
Other diseases of the digestive system (530-570, 573-587)	13	0.3	11	0.2	2	0.4	-	-
Congenital malformations (750-759)	174	3.4	158	3.6	9	1.9	7	3.1
Injury at birth (760-761)	115	2.2	90	2.0	19	4.0	6	2.7
Postnatal asphyxia and atelectasis (762)	201	3.9	173	3.9	22	4.6	6	2.7
Hemolytic disease of newborn (erythroblastosis) (770)	24	0.5	22	0.5	2	0.4	-	-
Immaturity (774, 776)	227	4.4	174	3.9	42	8.8	11	4.9
Other certain diseases of early infancy (765-769, 771-773)	140	2.7	113	2.6	20	4.2	7	3.1
Accidents (E800-E962)	51	1.0	34	0.8	16	3.4	1	0.4
Other defined causes	34	0.7	28	0.6	4	0.8	2	0.9
Symptoms and ill-defined conditions (780-793, 795)	43	0.8	21	0.5	16	3.4	6	2.7

* Number per 1,000 live births

The third leading cause of death among those persons under one year of age, was the congenital malformations category. This cause group was responsible for 174 deaths during the year.

Injury at birth caused 115 of the infant deaths during the year. Of these, 39 were specified as intracranial and spinal injury at birth. The remaining 76 were classified as other birth injury. Of the 115 deaths from this cause group, 62 were with mention of immaturity on the death certificate.

Deaths of Infants Under One Month of Age

Neonatal deaths made up the greater proportion of infant deaths, 71.8 per cent. This proportion was higher among white infant deaths, 75.1 per cent, than among Negro and Indian infant deaths, where 63.9 and 52.6 per cents, respectively, were classified as neonatal. The proportion of infant deaths which were neonatal and post-neonatal are shown for each race in Chart 4, below. The neonatal group is shown by cause of death by race in Table 14, page 19.

Chart 4
Percentage of Infant Deaths Classified as Neonatal and Post-neonatal, Each Race, Oklahoma, 1959

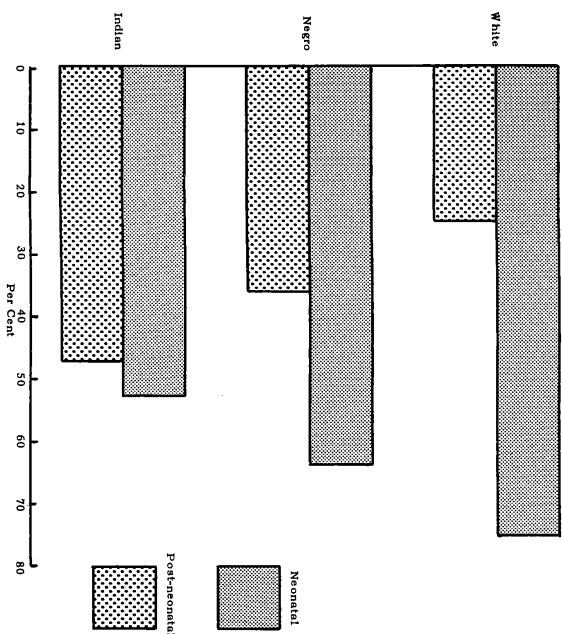


Table 14
Deaths Under One Month by Cause, by Race, Number and Rate*, Oklahoma, 1959

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Neonatal deaths, all causes	887	17.3	714	16.2	133	27.9	40	17.7
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (001-019, 030-055, 057-138)	4	0.1	2	0.0	2	0.4	-	-
Pneumonia (490-493, 763)	30	0.6	19	0.4	9	1.9	2	0.9
Other diseases of the respiratory system (470-475, 480-483, 500-527)	6	0.1	4	0.1	1	0.2	1	0.4
Gastro-enteritis and colitis (571, 572, 764)	8	0.2	5	0.1	1	0.2	2	0.9
Other diseases of the digestive system (530-570, 573-587)	9	0.2	7	0.2	2	0.4	-	-
Congenital malformations (750-759). Injury at birth (760-761)	113	2.2	101	2.3	6	1.3	6	2.7
Postnatal asphyxia and atelectasis (762)	114	2.2	89	2.0	19	4.0	6	2.7
Hemolytic disease of newborn (erythroblastosis) (770)	192	3.8	164	3.7	22	4.6	6	2.7
Immaturity (774, 776)	24	0.5	22	0.5	2	0.4	-	-
Other certain diseases of early infancy (765-769, 771-773)	222	4.3	169	3.8	42	8.8	11	4.9
Accidents (E800-E962)	135	2.6	110	2.5	20	4.2	5	2.2
Other defined causes	6	0.1	5	0.1	1	0.2	-	-
Symptoms and ill-defined conditions (780-793, 795)	10	0.2	8	0.1	2	0.4	-	-
	14	0.3	9	0.2	4	0.8	1	0.4

* Number per 1,000 live births

The age at which these neonatal deaths occurred is shown in Table 15. During the first week of life, 77.6, or 87.5 per cent, of the neonatal deaths occurred. This number amounted to 62.8 per cent of all infant deaths. During the first day of life 457 deaths occurred, comprising 51.5 per cent of the neonatal deaths, and 37.0 per cent of all infant deaths. The number of deaths per day generally decreased as the age of the infant increased.

The distribution by age varied decidedly among the causes, mortality from congenital malformations and pneumonia, for instance, declining much more slowly as age increased than that from immaturity and injury at birth.

Table 15
Deaths Under One Month, by Cause, by Age,
Oklahoma, 1959

Cause of Death	Age in Days										
	Under 1	1	2	3	4	5	6	7-13	14-20	21-27	
Neonatal deaths, all causes . . .	457	141	72	46	26	18	16	50	37	24	
Syphilis and its sequelae . . .	-	-	-	-	-	-	-	-	-	-	
Whooping cough	-	-	-	-	-	-	-	-	-	-	
Other infective and parasitic diseases	-	-	-	-	-	-	-	-	-	-	
Pneumonia	4	3	1	1	2	3	-	7	5	4	
Other diseases of the respiratory system	2	-	-	-	-	-	-	1	1	2	
Gastro-enteritis and colitis	-	-	-	-	-	-	-	1	1	2	
Other diseases of the digestive system	1	2	1	1	-	-	-	2	-	2	
Congenital malformations	36	16	11	5	7	2	4	16	10	6	
Injury at birth	69	21	9	6	2	-	2	4	-	1	
Postnatal asphyxia and atelectasis	117	37	15	9	3	2	2	2	4	1	
Hemolytic disease of newborn (erythroblastosis)	15	3	1	2	-	1	1	1	-	-	
Immaturity	142	33	16	11	5	2	4	7	2	-	
Other certain diseases of early infancy	63	25	16	9	4	5	3	6	3	1	
Accidents	2	-	-	1	-	-	-	-	-	3	
Other defined causes	2	-	-	-	1	1	-	1	3	2	
Symptoms and ill-defined conditions	4	1	2	1	1	1	-	2	-	2	

Deaths of Infants One through Eleven Months of Age

Deaths of infants in the one through eleven months age group present an entirely different problem from neonatal deaths. Immaturity, postnatal asphyxia and atelectasis, and injury at birth caused approximately 60 per cent of the neonatal deaths; the same conditions were reported as causing only 4.3 per cent of the deaths of infants one through eleven months of age.

Pneumonia was the leading cause of death in the post-neonatal group. This cause was responsible for 77, 22.1 per cent, of the deaths. Next in importance was the congenital malformations category with 61 deaths. The accidents category numbered 45 deaths in the age group during the year. Also, causing 45 deaths was the gastro-enteritis and colitis category.

Table 16
Deaths at One through Eleven Months of Age,
by Cause, by Age, Oklahoma, 1959

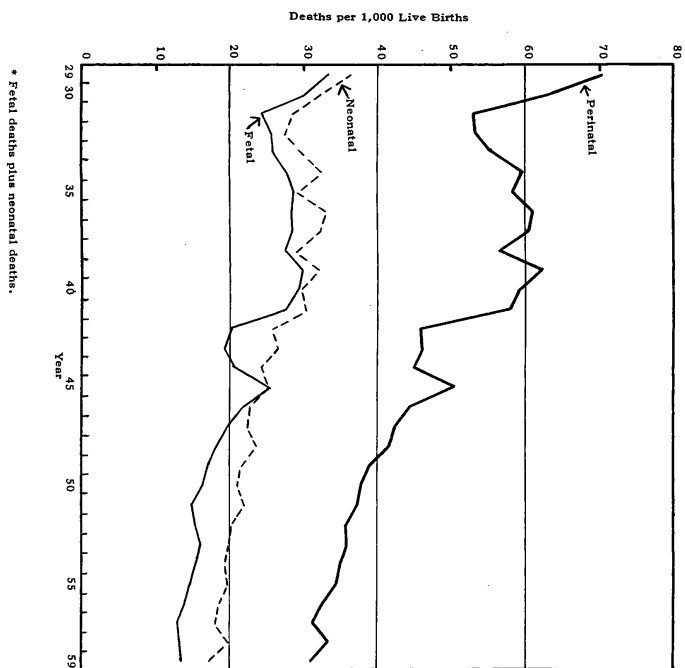
Cause of Death	Age in Months									
	1-11	1	2	3	4	5	6	7	8-9	10-11
Post-neonatal infant deaths, all causes	348	84	49	49	46	32	12	20	33	23
Syphilis and its sequelae	-	-	-	-	-	-	-	-	-	-
Whooping cough	2	-	-	-	2	-	-	-	-	-
Other infective and parasitic diseases	22	3	4	1	3	4	1	5	1	-
Pneumonia	77	23	13	9	12	4	4	2	8	2
Other diseases of the respiratory system	19	2	3	2	5	2	-	3	1	1
Gastro-enteritis and colitis	45	5	7	10	1	8	1	3	7	3
Other diseases of the digestive system	4	-	-	-	1	-	1	-	1	1
Congenital malformations	61	21	6	8	5	5	3	3	5	5
Injury at birth	1	1	-	-	-	-	-	-	-	-
Postnatal asphyxia and atelectasis	9	3	2	-	1	1	1	-	1	-
Hemolytic disease of newborn (erythroblastosis)	-	-	-	-	-	-	-	-	-	-
Immaturity	5	2	1	-	2	-	-	-	-	-
Other certain diseases of early infancy	5	1	1	1	1	-	-	-	1	-
Accidents	45	11	4	12	3	1	-	1	5	8
Other defined causes	24	3	2	4	4	4	-	2	2	3
Symptoms and ill-defined conditions	29	9	6	2	6	3	1	1	1	-

PERINATAL MORTALITY

During 1959, 887 infants died during the first month of life and another 684 babies died either before or during birth. These perinatal deaths represented a ratio of 30.7 deaths per every 1,000 live births, thus, showing a decrease from the ratio of 33.2 per 1,000 live births in 1958. Fetal and neonatal mortality rates varied for the racial groups. The number and rate for each group are shown in Table II of the Appendix.

Since both fetal and neonatal death rates have decreased over the past 30 years, it is obvious that the perinatal rate has also decreased because the perinatal rate is based on the sum of the fetal and neonatal deaths. Chart 5 shows this decrease for fetal, neonatal, and perinatal mortality for the years from 1929-1959.

Chart 5
Fetal, Neonatal, and Perinatal* Mortality Rates,
Oklahoma, 1929-1959



Symbols Used in Tables

- Number or rate is zero
- ... Item not applicable
- 0.0 Rate is more than 0 but less than 0.05
- Data not available

TABLE A. DEATHS, DEATHS BY EMPLOYMENT STATUS, NUMBER AND RATE, OCKLAHOMA, 1940-1959
 Figures in Parentheses Refer to Sixth and Seventh Revisions of International Lists of Causes of Death

Estimated population, July 1	1953		1954		1955		1956	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live births*	51,275	22.9	51,457	23.0	50,656	22.4	51,896	22.0
Physician in hospital	46,633	...	47,289	...	46,299	...	46,299	...
Physician not in hospital	3,567	...	3,268	...	2,596	...	2,596	...
Midwife, other, or unknown	1,075	...	909	...	760	...	692	...
Stillbirths	817	15.9	787	15.3	732	14.5	720	13.9
Physician in hospital	115	...	696	...	660	...	659	...
Physician not in hospital	115	...	77	...	112	...	48	...
Midwife, other, or unknown	22	...	20	...	17	...	14	...
Deaths under 1 year*	19,820	8.9	20,121	9.0	19,705	8.7	20,954	8.9
Physician in hospital	1,466	28.6	1,394	27.1	1,338	26.4	1,376	26.5
Physician not in hospital	1,273	10.9	1,011	19.6	1,006	19.9	971	18.7
Midwife, other, or unknown	23	0.4	16	0.3	15	0.3	10	0.2
Deaths under 1 month	16	0.7	12	0.5	12	0.7	11	0.7
Respiratory system (001-008)	83	3.7	80	3.6	41	1.8	44	1.9
Heart and circulatory system (009-019)	20	0.9	12	0.5	12	0.5	5	0.2
Diabetes (020-029)	6	0.3	6	0.3	4	0.2	2	0.1
Neoplasms (030-039)	9	0.4	6	0.3	11	0.5	6	0.3
Acute poliomyelitis (040)	16	0.7	2	0.1	6	0.3	3	0.1
Smallpox (044)	6	0.3	2	0.1	3	0.1	3	0.1
Measles (085)	16	0.7	5	0.2	4	0.2	16	0.7
Typhus and other rickettsial diseases (100-109)	1	0.0	1	0.0	1	0.0	2	0.1
Malaria (110-117)	1	0.0	1	0.0	1	0.0	1	0.0
All other diseases classified as infectious and parasitic (120-139)	68	3.0	84	3.8	81	3.6	87	3.7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	2,939	131.4	3,043	136.0	3,122	138.1	3,222	136.9
Breast and unspecified neoplasms (200-239)	52	2.3	63	2.8	71	3.1	54	2.3
Benign and unspecified neoplasms (240-259)	340	15.2	316	14.1	315	13.9	283	12.0
Amenias (260-269)	4	0.2	2	0.1	5	0.2	4	0.2
Vascular lesions affecting central nervous system (330-334)	2,465	110.2	2,607	116.5	2,996	106.0	2,771	117.4
Nonmeningeal meningitis (340)	11	0.5	13	0.6	19	0.8	22	0.9
Rheumatic fever (400-402)	8	0.4	9	0.4	8	0.4	3	0.1
Chronic rheumatic heart disease (410-416)	157	7.0	188	8.3	184	8.1	171	7.2
Arteriosclerotic and degenerative heart disease (420-422)	4,745	212.0	4,921	219.9	5,202	230.2	5,612	237.7
Other diseases of heart (430-434)	575	25.7	575	25.7	540	23.9	549	23.3
Hypertension without mention of heart disease (440-443)	782	35.0	854	38.2	748	33.1	770	33.6
(444-447)	202	9.0	182	8.1	157	6.9	186	7.9
Influenza (480-483)	267	11.9	267	11.9	267	11.9	267	11.9
Pneumonia (490-493)	397	18.2	397	18.2	397	18.2	397	18.2
Bronchitis (500-502)	29	1.3	29	1.3	15	0.7	44	1.9
Ulcer of stomach and duodenum (540, 541)	42	1.9	42	1.9	42	1.9	35	1.3
Appendicitis (550-553)	361	16.6	361	16.6	361	16.6	361	16.6
Intestinal obstruction and hernia (560, 561, 570)	124	5.5	134	6.9	122	5.4	145	6.1
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	88	3.9	107	4.8	75	3.3	105	4.6
Cirrhosis and nephrosis (580-596)	120	5.4	151	6.7	129	5.7	138	5.8
Nephritis and nephrosis (590-596)	373	16.7	369	16.5	268	11.9	312	13.2
Hyphema of prostate (610)	112	5.0	107	4.8	111	4.9	99	4.2
Complications of pregnancy, childbirth and the puerperium (640-689)	245	11.0	239	10.7	250	11.1	272	11.5
Congenital malformations (730-759)	421	18.8	38	7.4	311	14.6	301	12.8
Birth injuries, prenatal asphyxia and other diseases peculiar to early infancy and immature unqualified (760-776)	410	18.1	46	2.1	59	2.6	24	1.0
Self-inflicted gunshot wounds, self-inflicted stab wounds, self-inflicted injuries, self-inflicted injuries by other means (780-795)	62	2.6	62	2.6	62	2.6	62	2.6
All other diseases (800-835)	627	28.0	630	29.0	599	25.2	704	28.8
Motor-vehicle accidents (880-885)	1,574	72.5	1,608	77.1	1,422	63.2	1,721	78.5
Motor-vehicle accidents (880-885)	607	27.1	607	27.1	796	35.2	799	33.8
Suicide and self-inflicted injury (890-892, 8970-8979)	195	8.7	166	7.4	214	9.5	171	7.2
Homicide and operations of war (894, 895, 8980-8999)	121	5.4	100	4.6	102	4.5	104	4.4

TABLE A. DEATHS, DEATHS BY EMPLOYMENT STATUS, NUMBER AND RATE, OCKLAHOMA, 1940-1959
 Figures in Parentheses Refer to Sixth and Seventh Revisions of International Lists of Causes of Death

Estimated population, July 1	1957		1958		1959	
	Number	Rate	Number	Rate	Number	Rate
Live births*	51,349	22.5	50,552	22.0	51,141	22.5
Physician in hospital	48,929	...	48,472	...	49,311	...
Physician not in hospital	1,765	...	1,468	...	1,262	...
Midwife, other, or unknown	1,075	...	671	...	606	...
Stillbirths	614	13.0	605	11.5	606	11.5
Physician in hospital	614	...	627	...	628	...
Physician not in hospital	36	...	35	...	42	...
Midwife, other, or unknown	15	...	14	...	14	...
Deaths under 1 year*	21,548	9.4	21,548	9.4	21,548	9.4
Physician in hospital	1,307	25.5	1,307	27.2	1,307	27.2
Physician not in hospital	934	18.2	934	19.9	887	17.3
Midwife, other, or unknown	57	0.3	57	0.4	57	0.4
Deaths under 1 month	11	0.5	11	0.5	11	0.5
Respiratory system (001-008)	7	0.3	5	0.2	3	0.1
Heart and circulatory system (009-019)	7	0.3	7	0.3	7	0.3
Diabetes (020-029)	7	0.3	7	0.3	7	0.3
Neoplasms (030-039)	12	0.5	10	0.4	6	0.3
Acute poliomyelitis (040)	6	0.3	6	0.3	6	0.3
Smallpox (044)	3	0.1	3	0.1	3	0.1
Measles (085)	3	0.1	3	0.1	3	0.1
Typhus and other rickettsial diseases (100-109)	1	0.0	2	0.1	1	0.0
Malaria (110-117)	1	0.0	2	0.1	1	0.0
All other diseases classified as infectious and parasitic (120-139)	98	4.3	85	3.7	96	4.2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	3,307	144.8	3,223	140.2	3,418	150.2
Breast and unspecified neoplasms (200-239)	39	2.6	46	2.6	61	2.7
Benign and unspecified neoplasms (240-259)	316	13.8	277	12.0	344	14.5
Amenias (260-269)	44	1.9	38	2.5	45	2.0
Vascular lesions affecting central nervous system (330-334)	2,795	122.4	2,843	123.6	2,926	128.6
Nonmeningeal meningitis (340)	16	0.7	32	1.4	17	0.7
Rheumatic fever (400-402)	6	0.3	9	0.4	6	0.4
Chronic rheumatic heart disease (410-416)	169	7.4	171	7.4	162	7.1
Arteriosclerotic and degenerative heart disease (420-422)	5,827	255.2	5,980	260.0	6,060	265.8
Other diseases of heart (430-434)	528	23.1	528	23.1	529	23.2
Hypertension without mention of heart disease (440-443)	757	33.2	717	31.2	688	30.2
(444-447)	173	7.6	168	8.6	194	30.2
Influenza (480-483)	173	7.6	173	7.6	173	7.6
Pneumonia (490-493)	668	28.4	655	28.5	577	22.4
Bronchitis (500-502)	34	1.5	39	1.7	37	1.6
Ulcer of stomach and duodenum (540, 541)	32	1.4	32	1.4	27	1.2
Appendicitis (550-553)	134	5.9	155	6.7	169	7.4
Intestinal obstruction and hernia (560, 561, 570)	113	4.9	83	3.6	103	4.5
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	120	5.4	120	5.4	120	5.4
Cirrhosis and nephrosis (580-596)	110	4.8	110	4.8	110	4.8
Nephritis and nephrosis (590-596)	110	4.8	110	4.8	110	4.8
Hyphema of prostate (610)	86	3.8	86	3.8	86	3.8
Complications of pregnancy, childbirth and the puerperium (640-689)	25	4.9	18	3.6	22	4.3
Congenital malformations (730-759)	25	4.9	25	4.9	25	4.9
Birth injuries, prenatal asphyxia and other diseases peculiar to early infancy and immature unqualified (760-776)	343	15.0	319	13.9	317	13.5
Self-inflicted gunshot wounds, self-inflicted stab wounds, self-inflicted injuries, self-inflicted injuries by other means (780-795)	62	2.6	62	2.6	62	2.6
All other diseases (800-835)	810	35.5	861	37.4	917	40.3
Motor-vehicle accidents (880-885)	1,736	76.0	1,831	79.6	1,878	82.5
Motor-vehicle accidents (880-885)	723	31.7	696	30.3	648	28.5
Suicide and self-inflicted injury (890-892, 8970-8979)	184	8.1	205	8.9	211	9.3
Homicide and operations of war (894, 895, 8980-8999)	101	4.4	118	5.1	119	5.2

TABLE 1. RESIDENT DEATHS BY INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, NUMBER AND RATE, BY RACE, OKLAHOMA, 1959

Estimated population, July 1, 1959	Total						White		Negro	Indian	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Total deaths all causes	21,996	9.7	19,672	9.5	1,760	11.1	564	10.5	33,769		
Tuberculosis of respiratory system (001-008)	121	5.3	89	4.3	13	8.2	19	35.3			
Tuberculosis of meninges (009)	7	0.3	2	0.1	-	-	5	9.3			
Neurosis of intestines, peritoneum and mesenteric glands (011)	2	0.1	-	-	-	-	2	1.9			
Tuberculosis of other forms (012-013)	7	0.3	4	0.2	1	0.6	2	3.7			
Congenital syphilis (020)	-	-	-	-	-	-	-	-			
Early syphilis (021)	3	0.1	2	0.1	-	-	1	1.9			
Late syphilis (022)	3	0.1	2	0.1	-	-	1	1.9			
Chancroid (023)	45	2.0	38	1.8	7	4.6	-	-			
All other syphilis (023-026-029)	-	-	-	-	-	-	-	-			
Conoccal infection (030-035)	1	0.0	1	0.0	-	-	-	-			
Typhoid fever (040)	-	-	-	-	-	-	-	-			
Paratyphoid fever and other salmonella infections (041, 042)	-	-	-	-	-	-	-	-			
Breast infection (043)	-	-	-	-	-	-	-	-			
Breast infection (044)	-	-	-	-	-	-	-	-			
Dysentery, all forms (045-048)	5	0.2	4	0.2	1	0.6	-	-			
Scarlet fever (050)	2	0.1	1	0.0	-	-	-	-			
Erysipelas (052)	2	0.1	1	0.0	-	-	-	-			
Septicemia and sepsia (053)	34	1.5	30	1.5	2	1.3	2	3.7			
Diphtheria (055)	4	0.2	3	0.1	2	1.3	-	-			
Whooping cough (056)	3	0.1	3	0.1	2	1.3	-	-			
Other diphtheria (057)	8	0.4	8	0.4	-	-	-	-			
Other diphtheria (058)	-	-	-	-	-	-	-	-			
Leptospira (060)	-	-	-	-	-	-	-	-			
Leptospirosis (061)	-	-	-	-	-	-	-	-			
Tetanus (062)	6	0.3	7	0.3	-	-	-	-			
Other tetanus (063)	6	0.3	7	0.3	-	-	-	-			
Acute infectious encephalitis (065)	10	0.4	8	0.4	1	0.6	1	1.9			
Other effects of acute poliomyelitis and acute infectious encephalitis (067)	4	0.2	4	0.2	-	-	-	-			
Smallpox (068)	5	0.2	2	0.1	1	0.6	2	3.7			
Yellow fever (069)	2	0.1	2	0.1	1	0.6	1	1.9			
Infectious hepatitis (092)	13	0.6	12	0.6	-	-	-	-			
Babesiosis (094)	-	-	-	-	-	-	-	-			
Typhus and other rickettsial diseases (100-101)	2	0.1	1	0.0	-	-	1	1.9			
Malaria (110-117)	-	-	-	-	-	-	-	-			
Schistosomiasis (123)	-	-	-	-	-	-	-	-			
Hydatid disease (125)	-	-	-	-	-	-	-	-			
Other diseases due to helminths (126, 128, 130)	-	-	-	-	-	-	-	-			
All other diseases classified as infective and parasitic (028-039, 049, 054, 059, 111-128)	35	1.5	28	1.4	4	2.5	3	5.6			
Malignant neoplasm of buccal cavity and pharynx (140-148)	67	2.9	61	3.0	5	3.2	1	1.9			
Malignant neoplasm of esophagus (150)	50	2.2	39	1.9	11	7.0	3	5.6			
Malignant neoplasm of larynx (151)	282	11.5	232	11.2	27	17.1	3	5.6			
Malignant neoplasm of rectum (154)	341	15.0	314	15.2	16	10.1	11	20.5			
Malignant neoplasm of larynx (161)	17	0.7	16	0.8	-	-	-	-			
Malignant neoplasm of bronchus and lung not specified as secondary (162, 163)	473	20.8	445	21.6	25	15.8	3	5.6			
Malignant neoplasm of cervix uteri (171)	237	11.3	237	11.5	18	11.4	12	22.3			
Malignant neoplasm of unspecified parts of uterus (172-176)	92	4.0	84	4.1	8	5.1	2	3.7			
Malignant neoplasm of prostate (177)	228	10.0	207	10.0	19	12.0	4	7.6			
Malignant neoplasm of skin (190, 191)	228	10.0	87	4.2	2	1.3	2	3.7			
Malignant neoplasm of bone and connective tissue (198, 199)	59	2.6	55	2.7	4	2.5	-	-			

Rates from specific causes represent number per 100,000 estimated population.

TABLE 1. RESIDENT DEATHS BY INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, NUMBER AND RATE, BY RACE, OKLAHOMA, 1959 (Continued)

	Total		White		Negro	Indian		
	Number	Rate	Number	Rate	Number	Rate	Rate	
Malignant neoplasm of all other and unspecified sites (155-160, 164, 165, 175, 176, 178-181, 192-195, 198, 199)	944	41.5	870	42.1	47	29.8	27	50.2
Malignant neoplasm of stomach (155)	177	7.8	161	7.8	13	8.2	3	5.6
Malignant neoplasm of pancreas (156)	133	6.7	141	6.8	9	5.7	3	5.6
Malignant neoplasm and neoplasms of unspecified nature (210-229)	61	2.7	49	2.4	10	6.3	2	3.7
Noncancerous neoplasms (230-231)	9	0.4	8	0.4	1	0.6	-	-
Diabetes mellitus with or without ketosis (252)	344	15.1	298	14.4	28	16.5	20	37.2
Diabetes mellitus and other deficiency states (280-286)	34	1.5	31	1.5	3	1.9	-	-
Allergic disorders all other endocrine, metabolic and blood diseases (240-245, 253, 254, 270-277, 287-289, 294-299)	45	2.0	37	1.8	6	3.8	2	3.7
Psychoses (300-309)	133	6.7	148	7.2	3	1.9	2	3.7
Neurosis and disorders of personality (310-324, 326)	28	1.2	23	1.1	4	2.5	1	1.9
Mental deficiency (325)	31	1.4	22	1.1	6	3.8	3	5.6
Vascular lesions affecting central nervous system (330-334)	2,996	138.6	2,663	129.0	218	138.0	45	83.7
Multiple sclerosis (345)	17	0.7	15	0.7	2	1.3	-	-
Epilepsy (353)	19	0.8	18	0.9	5	3.2	-	-
Inflammatory diseases of eye (370-379)	16	0.7	11	0.5	5	3.2	-	-
Cataract (385)	-	-	-	-	-	-	-	-
Other diseases of the eye (390-399)	-	-	-	-	-	-	-	-
Optic neuritis and mastoiditis (391-393)	5	0.2	2	0.1	1	0.6	2	3.7
All other diseases of the nervous system and sense organs (341-344, 350-353, 354-359, 360-364, 368, 369-370, 394-398)	129	5.7	116	5.6	9	5.7	4	7.4
Chronic rheumatic heart disease (410-416)	182	7.1	146	7.1	9	5.7	7	13.0
Arteriosclerotic and degenerative heart disease (420-422)	6,049	285.8	5,692	275.7	260	164.6	97	180.4
Other diseases of heart (430-439)	48	2.1	40	1.9	7	4.4	1	1.9
Other diseases of heart (440-449)	88	3.9	76	3.7	9	5.7	18	31.5
Heart arrest without mention of heart (444-447)	194	8.5	151	7.3	41	26.0	2	3.7
Diseases of arteries (450-456)	533	23.4	490	22.8	36	22.8	7	13.0
Other diseases of circulatory system (470-475)	99	4.3	84	4.1	10	6.3	5	9.3
Acute upper respiratory infections (480-483)	16	0.7	14	0.7	2	1.3	-	-
Influenza (480-483)	48	2.1	40	1.9	7	4.4	1	1.9
Other pneumonia (480)	267	11.7	236	11.4	20	12.7	11	20.5
Primary atypical, other and unspecified pneumonia (492, 493)	231	10.1	194	9.4	23	14.6	14	26.0
Acute bronchitis (500)	10	0.4	6	0.3	1	0.6	3	5.6
Bronchitis, chronic and unspecified (501, 502)	27	1.2	25	1.2	1	0.6	1	1.9
Hypertrophy of tonsils and adenoids (510)	5	0.2	4	0.2	1	0.6	-	-
Emphysema and abscess of lung (518, 521)	1	0.0	1	0.0	-	-	-	-
Platyrrhynx (519)	291	12.8	276	13.4	14	8.9	1	1.9
All other respiratory diseases (511-517)	2	0.1	2	0.1	-	-	-	-
Diseases of teeth and supporting structures (530-535)	64	2.8	57	2.8	6	3.8	1	1.9
Ulcer of stomach (540)	5	0.2	4	0.2	1	0.6	-	-
Ulcer of duodenum (541)	4	0.2	3	0.1	1	0.6	-	-
Appendicitis (550-553)	27	1.2	23	1.1	3	1.9	1	1.9
Intestinal obstruction and hernia (560, 561, 570)	169	7.4	151	7.3	13	8.2	5	9.3
Gastro-enteritis and colitis, except chronic (571, 572)	99	4.3	67	3.2	21	13.3	11	20.5
Cholera of liver (581)	143	6.3	127	6.2	9	5.7	7	13.0
Cholera of small intestine (584, 585)	75	3.3	65	3.1	3	1.9	7	13.0

TABLE I. RESIDENT DEATHS BY INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, NUMBER AND RATE, BY RACE, OKLAHOMA, 1959 (Continued)

	Total		White		Negro		Indian	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Other diseases of digestive system (535-539, 542, 544, 545, 573-580, 582, 583, 586, 587, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000)	162	7.1	134	7.5	6	3.8	2	3.7
Chronic, other and unspecified nephritis (591-594)	10	0.7	13	0.6	3	1.9	-	-
Infections of kidney (600)	241	10.6	199	9.3	45	28.5	3	5.6
Salivary gland infections (602, 604)	121	5.3	106	5.1	9	5.7	6	11.2
Infections of breast (620, 621)	8	0.4	8	0.4	-	-	-	-
Other diseases of genito-urinary system (601, 603, 605-609, 611-617, 622-637)	94	4.1	85	4.1	7	4.4	2	3.7
Septicemia, chills and the toxicemia of pregnancy and the puerperium (642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000)	50	2.2	41	2.0	6	3.8	3	5.6
Abortion with sepsis (631)	1	0.0	1	0.0	-	-	-	-
Birth and the puerperium (642-649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000)	6	0.3	4	0.2	2	1.3	-	-
Abortion with sepsis (631)	1	0.0	1	0.0	-	-	-	-
Birth and the puerperium (642-649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000)	9	0.4	6	0.3	3	1.9	-	-
Infections of skin and subcutaneous tissue (690-698)	7	0.3	5	0.2	2	1.3	1	1.9
Infections of skin and subcutaneous tissue (690-698)	35	1.5	33	1.6	1	0.6	1	1.9
Arthritis and spondylitis (720-725)	1	0.0	1	0.0	-	-	-	-
Rheumatoid arthritis and rheumatism, humeral rheumatism and rheumatism, osteoarthritis and osteoarthritis (730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000)	2	0.1	1	0.0	1	0.6	1	1.9
All other diseases of skin and mucous membrane (726-749)	5	0.2	5	0.2	-	-	-	-
Spina bifida and meningocele (731)	35	1.5	32	1.6	3	1.9	-	-
Congenital malformations of circulatory system (750)	14	0.6	14	0.7	-	-	-	-
Birth injuries (760, 761)	101	4.4	88	4.3	4	5.1	5	9.3
Postnatal asphyxia and asphyxia (762)	116	5.1	91	4.4	19	12.0	6	11.2
Infections of the newborn (763-768)	201	8.8	173	8.4	22	13.9	6	11.2
All other defined diseases of early infancy (769-771, 772)	24	1.1	22	1.1	2	1.3	-	-
11-defined diseases peculiar to early infancy and immature unqualified (772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000)	23	1.0	19	0.9	2	1.3	2	3.7
Sanitily without mention of psychosis (794)	334	14.7	261	12.6	59	37.4	14	26.0
11-defined and unknown causes of mortality (794-795, 79								

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES BY RACE, SEX, AND AGE, OKLAHOMA, 1959 (continued)

Cause of Death	10-14 Years						15-19 Years					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes	71	34	12	5	3	2	126	47	7	12	6	1
Tuberculosis of respiratory system (001-008)	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (057)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (085)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (086)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-109)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-209)	10	7	1	1	-	-	5	5	2	3	1	1
Benign and unspecified neoplasms (210-239)	1	1	1	-	-	-	1	2	-	-	-	-
Diabetes mellitus (240)	-	-	-	-	-	-	-	-	-	-	-	-
Amnesia (290-293)	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	-	-	-	-	-	-	-	-	-	-	-	-
Nontraumatic meningitis (340)	1	-	-	-	-	-	3	1	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	-	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of heart (430-434)	1	-	-	-	-	-	1	-	1	-	-	-
Hypertension with heart disease (440-443)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (480-483)	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia (490-493)	2	-	-	-	-	-	3	1	-	-	-	-
Bronchitis (500-502)	1	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (530-553)	2	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	1	-	-	-	-	-	1	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (565, 571, 572)	1	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertonia of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-689)	5	3	-	-	-	-	2	4	-	-	-	-
Congenital malformations (750-759)	-	-	-	-	-	-	-	-	-	-	-	-
Birth injuries, postnatal asphyxia and eclampsia (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturely unqualified (769-776)	-	-	-	-	-	-	-	-	-	-	-	-
Sexually transmitted diseases (780-795)	1	-	-	-	-	-	-	-	-	-	-	-
Sexually transmitted diseases, ill-defined and unknown causes (780-795)	3	5	1	2	-	-	12	3	1	-	-	-
All other diseases (Residual)	17	7	6	2	2	1	56	17	4	1	4	-
Motor-vehicle accidents (8810-8835)	-	-	-	-	-	-	-	-	-	-	-	-
All other accidents (8800-8802, 8840-8862)	20	7	6	2	2	1	31	4	1	1	1	-
Suicide and self-inflicted injury (8963)	-	-	-	-	-	-	-	-	-	-	-	-
War (8970-8979)	-	-	-	-	-	-	-	-	-	-	-	-
Homeicide and operations of war (8984, 8985, 8980-8999)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES, BY RACE, SEX, AND AGE, OKLAHOMA, 1959 (continued)

Cause of Death	20-24 Years						25-34 Years					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes	125	42	13	6	5	2	214	142	39	29	12	16
Tuberculosis of respiratory system (001-008)	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (057)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (085)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (086)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-109)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	1	-	-	-	-	1	1	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-209)	7	2	-	-	-	-	25	31	4	6	2	2
Benign and unspecified neoplasms (210-239)	1	-	-	-	-	-	2	3	-	-	-	-
Diabetes mellitus (240)	-	-	-	-	-	-	-	-	-	-	-	-
Amnesia (290-293)	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	2	7	-	-	-	-	5	7	1	1	-	-
Nontraumatic meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	-	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	1	2	1	-	-	-	3	3	-	-	-	-
Other diseases of heart (430-434)	1	-	-	-	-	-	1	-	-	-	-	-
Hypertension with heart disease (440-443)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (480-483)	1	-	-	-	-	-	1	2	2	3	-	-
Pneumonia (490-493)	1	-	-	-	-	-	4	1	3	-	-	-
Bronchitis (500-502)	1	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	1	-	-	-	-	-	2	2	1	-	-	-
Appendicitis (530-553)	4	-	-	-	-	-	5	1	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	1	-	-	-	-	-	1	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (565, 571, 572)	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	4	-	-	-	-	-	6	3	-	-	-	-
Hypertonia of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-689)	4	3	-	-	-	-	5	1	1	-	-	-
Congenital malformations (750-759)	-	-	-	-	-	-	-	-	-	-	-	-
Birth injuries, postnatal asphyxia and eclampsia (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturely unqualified (769-776)	-	-	-	-	-	-	-	-	-	-	-	-
Sexually transmitted diseases (780-795)	3	6	-	-	-	-	10	14	1	1	-	-
Sexually transmitted diseases, ill-defined and unknown causes (780-795)	57	10	2	1	4	-	51	19	7	2	2	3
All other diseases (Residual)	24	4	1	1	-	-	16	9	2	-	-	-
Motor-vehicle accidents (8810-8835)	-	-	-	-	-	-	-	-	-	-	-	-
All other accidents (8800-8802, 8840-8862)	3	-	-	-	-	-	3	4	2	-	-	-
Suicide and self-inflicted injury (8963)	-	-	-	-	-	-	-	-	-	-	-	-
War (8970-8979)	-	-	-	-	-	-	-	-	-	-	-	-
Homeicide and operations of war (8984, 8985, 8980-8999)	4	-	7	1	-	-	7	4	6	4	-	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL, ABBREVIATED LIST OF 50 CAUSES BY RACE, SEX, AND AGE, OKLAHOMA, 1959 (Continued)

Cause of Death	35-44 Years						45-54 Years					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes	441	235	46	45	17	14	1,052	496	88	87	42	19
Tuberculosis of respiratory system (001-008)	2	3	1	2	-	-	19	1	3	-	2	2
Tuberculosis, other forms (002-025)	1	1	-	-	-	-	4	1	1	1	1	1
Phthisis and its sequelae (020-029)	1	1	-	-	-	-	4	1	1	1	1	1
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Septic fever and streptococcal sore throat (050-051)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	1	1	-	-	1	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	1	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (086)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infectious and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	2	2	-	-	1	-	2	3	1	1	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	68	90	3	9	-	-	162	206	13	18	3	5
Benign and unspecified neoplasms (210-239)	1	4	-	-	-	-	6	4	2	2	2	2
Diabetes mellitus (260)	1	1	-	-	-	-	10	10	2	2	2	1
Amenorrhea (290-293)	-	-	-	-	-	-	4	1	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	17	14	-	3	-	-	39	33	4	13	5	1
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	2	-	-	-	-	-	22	16	-	3	2	1
Chronic rheumatic heart disease (410-416)	10	9	-	-	-	-	22	16	-	3	2	1
Arteriosclerotic and degenerative heart disease (420-422)	93	20	4	2	2	2	358	49	7	10	8	4
Other diseases of heart disease (440-443)	2	1	2	1	1	-	6	13	2	4	-	-
Hypertension without mention of heart disease (444-447)	1	3	2	1	1	-	4	2	6	5	-	-
Influenza (480-483)	10	2	-	-	-	-	7	9	-	-	1	-
Pneumonia (490-493)	2	-	-	-	-	-	2	-	-	-	-	-
Bronchitis (500-502)	5	-	-	-	-	-	6	7	1	2	-	-
Ulcer of stomach and duodenum (540, 541)	1	1	1	1	-	-	2	4	-	1	1	-
Appendicitis (550-553)	1	1	1	1	-	-	1	2	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	2	1	1	1	-	-	1	2	1	1	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (570-579)	2	1	1	1	-	-	1	2	1	1	-	-
Cirrhosis of liver (580-583)	6	3	-	-	-	-	10	8	2	4	2	-
Nephritis and nephrosis (590-594)	6	3	-	-	-	-	2	-	-	-	-	-
Hypertrophy of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-689)	1	6	-	2	-	-	3	2	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	1	2	-	-	-	-	3	2	-	-	-	-
Infections of the newborn (783-788)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturely acquired (769-776)	26	7	5	1	1	2	57	19	15	6	2	1
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	27	30	6	6	2	2	71	48	9	5	1	3
All other diseases (Residual)	26	7	5	1	1	2	19	19	5	6	2	1
Motor-vehicle accidents (E810-E835)	46	28	5	5	2	2	60	18	4	3	3	4
All other accidents (E840-E862, E860-E862)	54	7	3	4	4	4	73	9	5	3	4	-
Self-inflicted injury (E890)	34	9	-	-	-	-	39	10	1	-	1	-
War (E940, E960, E980-E999)	10	1	9	3	1	-	15	4	8	-	1	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL, ABBREVIATED LIST OF 50 CAUSES BY RACE, SEX, AND AGE, OKLAHOMA, 1959 (Continued)

Cause of Death	55-64 Years						65-74 Years					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes	1,842	897	140	115	48	39	2,866	1,645	201	158	40	54
Tuberculosis of respiratory system (001-008)	20	5	3	-	1	1	16	5	2	-	1	1
Tuberculosis, other forms (010-019)	1	1	-	-	-	-	2	1	-	-	-	-
Phthisis and its sequelae (020-029)	10	-	1	2	-	-	11	1	2	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Septic fever and streptococcal sore throat (050-051)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (086)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infectious and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	13	3	-	-	-	-	9	3	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	381	283	26	21	5	8	540	345	37	22	8	18
Benign and unspecified neoplasms (210-239)	19	11	-	-	-	-	16	14	-	2	-	-
Diabetes mellitus (260)	27	33	3	8	2	5	27	42	2	1	2	4
Amenorrhea (290-293)	2	1	1	-	-	-	5	5	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	134	89	16	17	4	5	369	235	25	36	3	4
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	1	1	-	-	-	-	1	1	-	-	-	-
Chronic rheumatic heart disease (410-416)	19	11	-	-	-	-	16	14	-	2	-	-
Arteriosclerotic and degenerative heart disease (420-422)	674	205	25	26	21	4	1,065	540	35	32	13	7
Other diseases of heart disease (440-443)	50	20	7	8	2	2	71	78	7	15	1	3
Hypertension without mention of heart disease (444-447)	27	12	4	6	2	2	27	28	1	2	-	-
Influenza (480-483)	4	8	5	2	1	1	20	22	3	3	-	-
Pneumonia (490-493)	2	2	2	1	1	2	58	28	1	1	-	-
Bronchitis (500-502)	18	2	2	1	-	-	23	4	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	1	1	1	1	-	-	6	1	-	-	-	-
Appendicitis (550-553)	8	17	1	1	-	-	18	16	3	2	-	-
Intestinal obstruction and hernia (560, 561, 570)	3	1	1	1	-	-	5	6	1	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (570-579)	23	8	2	2	1	1	25	8	1	-	-	-
Cirrhosis of liver (580-583)	12	7	4	3	-	-	22	17	-	-	-	-
Nephritis and nephrosis (590-594)	3	3	-	-	-	-	15	2	-	-	-	-
Hypertrophy of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-689)	2	3	-	-	-	-	3	-	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (783-788)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturely acquired (769-776)	95	37	8	7	1	1	95	37	30	9	4	2
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	146	84	11	11	2	2	245	125	22	9	2	11
All other diseases (Residual)	41	29	6	7	2	5	38	25	5	2	2	1
Motor-vehicle accidents (E810-E835)	45	9	7	6	2	1	47	11	2	2	1	1
All other accidents (E840-E862, E860-E862)	34	4	-	-	-	-	21	4	-	-	-	-
Self-inflicted injury (E890)	8	3	-	-	-	-	4	1	1	-	-	-
War (E940, E960, E980-E999)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL, ABBREVIATED LIST OF 50 CAUSES, BY RACE, SEX, AND AGE, OKLAHOMA, 1959

Cause of Death	75-84 Years						85 Years and Over					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes	2,987	2,444	175	144	53	35	1,346	1,460	90	85	23	28
Tuberculosis of respiratory system (001-008)	10	5	-	-	2	4	2	1	1	-	1	2
Tuberculosis of other systems (020-029)	5	6	1	-	-	-	1	1	-	-	-	-
Typhoid fever (040)	1	1	-	-	-	-	1	1	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051-055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (065)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (088)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (091)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (092)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (093)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (094)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (095)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (096)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (097)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (098)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (099)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (100)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (101)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (102)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (103)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (104)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (105)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (106)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (107)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (108)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (109)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (110)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (111)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (112)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (113)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (114)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (115)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (116)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (117)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (118)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (119)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (120)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (121)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (122)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (123)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (124)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (125)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (126)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (127)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (128)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (129)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (130)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (131)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (132)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (133)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (134)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (135)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (136)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (137)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (138)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (139)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (140)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (141)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (142)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (143)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (144)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (145)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (146)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (147)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (148)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (149)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (150)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (151)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (152)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (153)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (154)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (155)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (156)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (157)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (158)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (159)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (160)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (161)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (162)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (163)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (164)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (165)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (166)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (167)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (168)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (169)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (170)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (171)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (172)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (173)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (174)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (175)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (176)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (177)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (178)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (179)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (180)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (181)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (182)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (183)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (184)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (185)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (186)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (187)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (188)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (189)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (190)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (191)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (192)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (193)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (194)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (195)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (196)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (197)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (198)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (199)	-	-	-	-	-	-	-	-	-	-	-	-
Neisseria meningitidis (200)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE IV. LEADING CAUSES OF DEATH, NUMBER AND PER CENT, BY RACE, BY AGE GROUP, OKLAHOMA, 1959

Cause of Death	All Races			White			Negro			Indian		
	Number of Deaths	Per Cent of Total	Per Cent of Total	Number of Deaths	Per Cent of Total	Per Cent of Total	Number of Deaths	Per Cent of Total	Per Cent of Total	Number of Deaths	Per Cent of Total	
All Ages	21,996	100.0	19,672	100.0	1,760	100.0	564	100.0	1,760	100.0		
Disease of the heart (410-443)	7,428	33.8	5,880	35.0	418	23.8	130	23.0	1,760	100.0		
Malignant neoplasms (140-203)	2,926	13.3	2,669	13.5	218	12.4	45	8.0	1,760	100.0		
Acc												

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMMIGRANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OREGON, 1959

Estimated population, July 1, 1959	ADMR			ADMR			ADMR			ADMR		
	Total	Race		Total	Race		Total	Race		Total	Race	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Live births*	13,700	23.9	182	1.42	152	16.5	122	178	17.8	152	14	12
Physician in hospital	314	2.3	17	0.05	119	8.7	21	21	2.1	21	2	1
Physician not in hospital	3	0.02	3	0.02	3	0.02	3	3	0.03	3	3	3
Mildfe, others, or unknown	3	0.02	3	0.02	3	0.02	3	3	0.03	3	3	3
Stillbirths*	9.2	0.07	3	0.02	1	0.01	1	1	0.01	1	1	1
Physician in hospital	3	0.02	3	0.02	3	0.02	3	3	0.03	3	3	3
Physician not in hospital	3	0.02	3	0.02	3	0.02	3	3	0.03	3	3	3
Mildfe, others, or unknown	3	0.02	3	0.02	3	0.02	3	3	0.03	3	3	3
Total deaths, all causes*	158	1.15	107	0.78	88	0.64	111	111	0.81	111	5	4
Deaths under 1 year	208	1.52	12	0.09	5	0.04	5	5	0.04	5	4	3
Deaths under 1 month	61.2	0.45	12	0.09	1	0.01	1	1	0.01	1	1	1
Deaths under 1 week	21.9	0.16	1	0.01	1	0.01	1	1	0.01	1	1	1
Tuberculosis, other forms (010-019)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Tuberculosis, other forms (010-019)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Typhoid fever (040)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Diphtheria (055)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Whooping cough (057)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Measles (060)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Acute poliomyelitis (080)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Smallpox (084)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Measles (085)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Typhus and other rickettsial diseases (100-108)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Malaria (110-117)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	28	0.21	18	0.13	11	0.08	19	19	0.14	19	2	1
Benign and unspecified neoplasms (210-239)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Brain and unspecified (240-249)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Benign and unspecified (250-259)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Amelasma (260-269)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Vascular lesions affecting central nervous system (330-334)	18	0.13	15	0.11	14	0.10	14	14	0.10	13	13	13
Rheumatic fever (400-402)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Chronic rheumatic heart disease (410-416)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Acute rheumatic heart disease (410-416)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Arteriosclerotic and degenerative heart disease (420-423)	33	0.24	27	0.20	28	0.21	30	30	0.22	30	1	2
Hypertension with heart disease (440-443)	3	0.02	2	0.01	2	0.01	2	2	0.02	2	2	2
Hypertension without mention of heart disease (444-447)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Influenza (480-483)	6	0.04	5	0.04	5	0.04	5	5	0.04	5	5	5
Pneumonia (490-493)	58	0.43	5	0.04	1	0.01	4	4	0.03	4	4	4
Bronchitis (500-502)	6	0.04	5	0.04	5	0.04	5	5	0.04	5	5	5
Ulcer of stomach and duodenum (540, 541)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Appendicitis (550-553)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Intestinal obstruction and hernia (560-561, 570)	2	0.01	1	0.01	1	0.01	2	2	0.02	2	2	2
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (580, 511, 572)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Cirrhosis of liver (581)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Nephritis and nephrosis (590-594)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Hypertrophia of prostate (610)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Complications of pregnancy, childbirth and the puerperium (640-689)	4	0.03	2	0.01	1	0.01	3	3	0.02	3	3	3
Congenital malformations (750-759)	29	0.21	2	0.01	1	0.01	3	3	0.02	3	3	3
Accidents (760-782)	14	0.10	2	0.01	1	0.01	1	1	0.01	1	1	1
Infections of the newborn (783-788)	9	0.07	7	0.05	7	0.05	7	7	0.05	7	7	7
Birth injuries, postnatal asphyxia and acetabular (760-782)	14	0.10	2	0.01	1	0.01	3	3	0.02	3	3	3
Other diseases peculiar to early infancy and maternity unclassified (769-776)	9	0.07	7	0.05	7	0.05	7	7	0.05	7	7	7
Deaths under 1 year	21.9	0.16	1	0.01	1	0.01	1	1	0.01	1	1	1
All other causes (Residual)	7	0.05	5	0.04	9	0.07	9	9	0.07	9	9	9
All other accidents (880-882, 890-892)	3	0.02	3	0.02	3	0.02	3	3	0.02	3	3	3
Self-inflicted injury (893)	7	0.05	5	0.04	7	0.05	7	7	0.05	7	7	7
Self-inflicted injury (893)	7	0.05	5	0.04	7	0.05	7	7	0.05	7	7	7
Deaths under 1 year	14.6	0.11	1	0.01	1	0.01	1	1	0.01	1	1	1
Deaths under 1 month	6.2	0.05	1	0.01	1	0.01	1	1	0.01	1	1	1
Deaths under 1 week	2.1	0.02	1	0.01	1	0.01	1	1	0.01	1	1	1
Tuberculosis, other forms (010-019)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Tuberculosis, other forms (010-019)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Typhoid fever (040)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Diphtheria (055)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Whooping cough (057)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Measles (060)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Acute poliomyelitis (080)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Smallpox (084)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Measles (085)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Typhus and other rickettsial diseases (100-108)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Malaria (110-117)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	28	0.21	18	0.13	11	0.08	19	19	0.14	19	2	1
Benign and unspecified neoplasms (210-239)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Brain and unspecified (240-249)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Benign and unspecified (250-259)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Amelasma (260-269)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Vascular lesions affecting central nervous system (330-334)	18	0.13	15	0.11	14	0.10	14	14	0.10	13	13	13
Rheumatic fever (400-402)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Chronic rheumatic heart disease (410-416)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Acute rheumatic heart disease (410-416)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Arteriosclerotic and degenerative heart disease (420-423)	33	0.24	27	0.20	28	0.21	30	30	0.22	30	1	2
Hypertension with heart disease (440-443)	3	0.02	2	0.01	2	0.01	2	2	0.02	2	2	2
Hypertension without mention of heart disease (444-447)	2	0.01	2	0.01	2	0.01	2	2	0.02	2	2	2
Influenza (480-483)	6	0.04	5	0.04	5	0.04	5	5	0.04	5	5	5
Pneumonia (490-493)	58	0.43	5	0.04	1	0.01	4	4	0.03	4	4	4
Bronchitis (500-502)	6	0.04	5	0.04	5	0.04	5	5	0.04	5	5	5
Ulcer of stomach and duodenum (540, 541)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Appendicitis (550-553)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Intestinal obstruction and hernia (560-561, 570)	2	0.01	1	0.01	1	0.01	2	2	0.02	2	2	2
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (580, 511, 572)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Cirrhosis of liver (581)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Nephritis and nephrosis (590-594)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Hypertrophia of prostate (610)	1	0.01	1	0.01	1	0.01	1	1	0.01	1	1	1
Complications of pregnancy, childbirth and the puerperium (640-689)	4	0.03	2	0.01	1	0.01	3	3	0.02	3	3	3
Congenital malformations (750-759)	29	0.21	2	0.0								

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND RACE, OKLAHOMA, 1959 (Continued)

Estimated population, July 1, 1959	CHIEF						CIPHER						DEATHS						
	Total		Race		Ind.		Total		Race		Ind.		Total		Race		Ind.		
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	
Live births	778	19.7	675	65	38	506	24.8	445	33	28	202	16.9	136	66	136	66	136	66	
Physician in hospital	716	18.1	644	35	37	500	44.2	442	33	25	142	11.7	87	55	87	55	87	55	
Physician not in hospital	37	0.9	26	10	1	4	0.1	2	2	2	56	0.4	48	3	48	3	48	3	
Mild fever, other, or unknown	25	0.6	20	8	1	4	0.1	1	1	4	0.3	1	1	1	1	1	1	1	
Mild fever, other, or unknown	12	0.3	10	4	1	2	0.05	1	1	1	0.1	1	1	1	1	1	1	1	
Physician in hospital	9	0.2	7	3	1	10	0.8	10	1	1	2	0.2	1	1	1	1	1	1	
Physician not in hospital	1	0.03	1	0	0	1	0.03	1	0	0	0	0	0	0	0	0	0	0	
Mild fever, other, or unknown	515	13.1	454	49	12	224	11.0	206	10	8	154	11.3	135	19	135	19	135	19	
Total deaths, all causes	15	0.4	12	5	2	12	0.9	7	4	1	2	0.2	2	2	2	2	2	2	
Deaths under 1 year	15	0.4	12	5	2	12	0.9	7	4	1	2	0.2	2	2	2	2	2	2	2
Respiratory system (001-008)	4	0.1	3	1	1	3	0.2	2	1	1	0.1	1	1	1	1	1	1	1	
Tuberculosis, other forms (010-019)	4	0.1	3	1	1	3	0.2	2	1	1	0.1	1	1	1	1	1	1	1	
Syphilis and its sequelae (020-029)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
Typhoid fever (040)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
Scarlet fever and streptococcal sore throat (050, 051)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
Diphtheria (055)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
Whooping cough (056)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
Measles (065)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
Acute poliomyelitis (080)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
Smallpox (084)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
Measles (085)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
Typhus and other rickettsial diseases (100-109)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
Malaria (110-117)	1	0.03	1	0	0	1	0.03	1	0	0	1	0.03	1	1	1	1	1	1	
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-130)	4	0.1	3	1	1	2	0.1	2	1	1	2	0.1	2	2	2	2	2	2	
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-209)	80	20.0	71	6	3	25	12.5	24	1	1	23	18.9	18	5	18	5	18	5	
Benign and unspecified neoplasms (210-239)	10	2.5	9	1	1	9	0.7	9	1	1	4	2.9	3	1	4	2.9	3	1	
Amelias (290-293)	56	14.2	46	8	2	24	11.6	21	2	1	19	13.9	19	1	19	13.9	19	1	
Vascular lesions affecting central nervous system (330-334)	145	36.9	145	8	3	77	37.5	76	1	1	40	29.4	36	4	36	27.7	36	4	
Benign intracranial meningitis (340)	145	36.9	145	8	3	77	37.5	76	1	1	40	29.4	36	4	36	27.7	36	4	
Chronic rheumatic heart disease (410-416)	16	4.0	16	1	1	10	0.8	10	1	1	3	2.2	3	1	3	2.2	3	1	
Acute rheumatic heart disease (410-416)	16	4.0	16	1	1	10	0.8	10	1	1	3	2.2	3	1	3	2.2	3	1	
Atenocardiac and degenerative heart disease (420-422)	16	4.0	16	1	1	10	0.8	10	1	1	3	2.2	3	1	3	2.2	3	1	
Myocardial infarction (430-434)	16	4.0	16	1	1	10	0.8	10	1	1	3	2.2	3	1	3	2.2	3	1	
Hypertension with heart disease (440-443)	16	4.0	16	1	1	10	0.8	10	1	1	3	2.2	3	1	3	2.2	3	1	
Hypertension without mention of heart disease (444-447)	16	4.0	16	1	1	10	0.8	10	1	1	3	2.2	3	1	3	2.2	3	1	
Infarction (480-483)	11	2.8	11	1	1	7	0.6	7	1	1	3	2.2	3	1	3	2.2	3	1	
Brain aneurysm (500-502)	11	2.8	11	1	1	7	0.6	7	1	1	3	2.2	3	1	3	2.2	3	1	
Bronchitis (500-502)	11	2.8	11	1	1	7	0.6	7	1	1	3	2.2	3	1	3	2.2	3	1	
Ulcer of stomach and duodenum (540, 541)	3	0.7	3	0	0	3	0.2	3	0	0	1	0.7	1	1	1	1	1	1	
Appendicitis (550-553)	3	0.7	3	0	0	3	0.2	3	0	0	1	0.7	1	1	1	1	1	1	
Intestinal obstruction and hernia (560, 561, 570)	4	1.0	4	0	0	4	0.3	4	0	0	3	2.2	2	1	3	2.2	2	1	
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	5	1.2	5	0	0	1	0.08	1	0	0	1	0.7	1	1	1	1	1	1	
Cirrhosis of liver (581)	4	1.0	4	0	0	2	0.1	2	0	0	1	0.7	1	1	1	1	1	1	
Chronic hepatitis (581)	4	1.0	4	0	0	2	0.1	2	0	0	1	0.7	1	1	1	1	1	1	
Hypertensive nephropathy (590-594)	13	3.2	13	1	1	7	0.6	7	1	1	2	1.4	2	2	2	2	2	2	
Hypertensive nephropathy (610)	13	3.2	13	1	1	7	0.6	7	1	1	2	1.4	2	2	2	2	2	2	
Complications of pregnancy, childbirth and the puerperium (640-689)	3	0.7	3	0	0	4	0.3	4	0	0	2	1.4	2	2	2	2	2	2	
Gonorrhea (640-689)	3	0.7	3	0	0	4	0.3	4	0	0	2	1.4	2	2	2	2	2	2	
Bacterial meningitis (730-739)	2	0.5	2	0	0	2	0.1	2	0	0	1	0.7	1	1	1	1	1	1	
Brain abscess (730-739)	2	0.5	2	0	0	2	0.1	2	0	0	1	0.7	1	1	1	1	1	1	
Infections of the newborn (763-768)	2	0.5	2	0	0	2	0.1	2	0	0	1	0.7	1	1	1	1	1	1	
Other diseases peculiar to early infancy	8	2.0	7	1	1	6	0.5	6	0	0	4	2.9	4	2	4	2.9	4	2	
Smallpox (084)	21	5.3	19	2	1	23	11.2	20	2	1	14	10.2	14	2	14	10.2	14	2	
All other diseases (8810-8835)	13	3.0	12	1	1	9	0.7	9	0	0	7	5.1	7	3	7	5.1	7	3	
Motor-vehicle accident (8810-8835)	17	4.3	14	3	1	9	0.7	9	0	0	7	5.1	7	3	7	5.1	7	3	
All other accidents (8800-8802, 8800-8802)	2	0.5	2	0	0	2	0.1	2	0	0	2	1.4	2	2	2	1.4	2	2	
Self-inflicted injury (8900-8929)	2	0.5	2	0	0	2	0.1	2	0	0	2	1.4	2	2	2	1.4	2	2	
Hostile and operations of war (8964, 8965, 8980-8999)	2	0.5	2	0	0	2	0.1	2	0	0	2	1.4	2	2	2	1.4	2	2	

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND RACE, OKLAHOMA, 1959 (Continued)

Estimated population, July 1, 1959	BIRTHS						ILLIS						CARETOLD					
	Total		Race		Ind.		Total		Race		Ind.		Total		Race		Ind.	
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate
Live births	103	15.6	94	9	9	87	15.5	86	1	1,279	25.3	1,192	70	17	1,279	25.3	1,192	70
Physician in hospital	94	14.0	85	7	7	84	13.0	83	1	1,264	25.1	1,177	70	17	1,264	25.1	1,177	70
Physician not in hospital	7	1.0	6	2	2	6	0.9	6	0	15	0.3	15	0	0	15	0.3	15	0
Mild fever, other, or unknown	2	0.3	2	1	1	2	0.3	2	0	11	0.2	11	0	0	11	0.2	11	0
Mild fever, other, or unknown	2	0.3	2	1	1	2	0.3	2	0	10	0.2	10	0	0	10	0.2	10	0
Physician in hospital	2	0.3	2	1	1	2	0.3	2	0	10	0.2	10	0	0	10	0.2	10	0
Physician not in hospital	0	0.0	0	0	0	0	0.0	0	0	0	0.0	0	0	0	0	0.0	0	0
Mild fever, other, or unknown	75	11.4	73	2	2	64	11.4	64	0	499	9.9	479	20	5	499	9.9	479	20
Total deaths, all causes	3	0.4	3	0	0	3	0.4	3	0	12	0.2	12	0	0	12	0.2	12	0
Deaths under 1 year	3	0.4	3	0	0	3	0.4	3	0	12	0.2	12	0	0	12	0.2	12	0
Respiratory system (001-008)	2	0.3	2	0	0	2	0.3	2	0	3	0.05	3	0	0	3	0.05	3	0
Tuberculosis, other forms (010-019)	2	0.3	2	0	0	2	0.3	2	0	3	0.05	3	0	0	3	0.05	3	0
Syphilis and its sequelae (020-029)	1	0.1	1	0	0	1	0.1	1	0	1	0.02							

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER AND RACE, OKLAHOMA, 1959 (Continued)

Estimated population, July 1, 1959	LOVE				MELANCHOLIA				MELANCHOLIA					
	Total		Race		Total		Race		Total		Race			
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate		
Live births*	97	15.9	89	13.0	234	17.5	229	6	5	481	18.9	321	90	70
Physician in hospital	70	11.4	59	8.8	175	13.3	171	4	3	141	11.1	137	49	37
Physician not in hospital	25	3.5	21	3.1	59	4.5	58	1	1	140	11.0	184	51	39
Mild, other, or unknown	2	0.3	2	0.3	3	0.2	3	0	0	15	1.2	15	3	2
Stillbirths	1	0.1	1	0.1	4	0.3	4	0	0	12	0.9	12	4	3
Physician in hospital	1	0.1	1	0.1	4	0.3	4	0	0	12	0.9	12	4	3
Physician not in hospital	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Mild, other, or unknown	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Total deaths, all causes*	64	10.5	57	8.4	140	10.4	131	9	7	296	11.7	222	51	23
Deaths under 1 year	2	0.3	2	0.3	5	0.4	5	0	0	16	1.2	16	3	2
Deaths under 1 month	1	0.1	1	0.1	2	0.2	2	0	0	5	0.4	5	1	1
Respiratory system (001-008)	3	0.4	2	0.3	21	1.6	21	0	0	24	1.8	24	6	4
Tuberculosis, other forms (010-019)	1	0.1	1	0.1	1	0.1	1	0	0	4	0.3	4	1	1
Syphilis and its sequelae (020-029)	1	0.1	1	0.1	1	0.1	1	0	0	2	0.2	2	1	1
Septic fever (040)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Dysentery, all forms (045-048)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Scarlet fever and streptococcal sore throat (050, 051)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Diphtheria (052)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Whooping cough (058)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Measles (060)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Acute poliomyelitis (080)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Smallpox (084)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Measles (085)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Typhus and other rickettsial diseases (100-109)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Malaria (110-117)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
All other diseases classified as infectious and parasitic (030-039, 041, 042, 044, 045, 035-039, 039-044, 081-083, 086-089, 120-138)	1	0.1	1	0.1	1	0.1	1	0	0	1	0.1	1	0	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	15	245.9	14	21.0	17	126.9	17	1	3	36	141.7	32	1	3
Brain and unspecified neoplasms (210-239)	1	1.6	1	1.6	2	1.6	2	0	0	1	3.9	1	0	0
Neuroblastoma (240)	1	1.6	1	1.6	1	0.8	1	0	0	1	3.9	1	0	0
Amenia (290-293)	1	1.6	1	1.6	1	0.8	1	0	0	1	3.9	1	0	0
Vascular lesions affecting central nervous system (330-334)	12	196.7	12	17.6	17	136.7	17	4	25	29	133.5	25	12	2
Rheumatic fever (400-402)	1	1.6	1	1.6	3	22.4	3	0	0	1	3.9	1	0	0
Chronic rheumatic heart disease (410-416)	1	1.6	1	1.6	3	22.4	3	0	0	14	55.1	7	6	1
Atherosclerotic and degenerative heart disease (420-422)	16	262.3	15	21.9	41	306.0	41	1	2	82	322.8	71	9	2
Myocardial infarction (430-434)	1	1.6	1	1.6	2	14.9	2	0	0	10	39.4	6	3	1
Hypertension with heart disease (440-443)	1	1.6	1	1.6	7	52.2	7	0	0	9	35.4	7	2	0
Hypertension without mention of heart disease (444-447)	1	1.6	1	1.6	1	7.5	1	0	0	3	11.6	2	1	0
Infarction (480-483)	1	1.6	1	1.6	1	7.5	1	0	0	4	15.7	2	1	0
Brain tumor (490-493)	1	1.6	1	1.6	3	22.4	3	0	0	14	55.1	7	6	1
Bronchitis (500-502)	1	1.6	1	1.6	3	22.4	3	0	0	14	55.1	7	6	1
Ulcer of stomach and duodenum (540, 541)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Appendicitis (550-553)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Intestinal obstruction and hernia (560-569)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	1.6	1	1.6	1	7.5	1	0	0	6	23.6	3	1	2
Cirrhosis of liver (581)	1	1.6	1	1.6	2	14.9	2	0	0	3	11.6	3	1	2
Nephritis (590-594)	1	1.6	1	1.6	1	7.5	1	0	0	4	15.7	2	2	0
Hyphema of prostate (610)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Complications of pregnancy, childbirth and the puerperium (640-689)**	2	32.8	2	2.9	1	7.5	1	0	0	2	7.9	2	0	0
Gonorrhea (690-693)	1	1.6	1	1.6	1	7.5	1	0	0	2	7.9	2	0	0
Genital malformations (730-739)	1	1.6	1	1.6	1	7.5	1	0	0	2	7.9	2	0	0
Blindness (740-742)	1	1.6	1	1.6	1	7.5	1	0	0	2	7.9	2	0	0
Deafness (750-762)	1	1.6	1	1.6	1	7.5	1	0	0	2	7.9	2	0	0
Infections of the newborn (763-768)	1	1.6	1	1.6	1	7.5	1	0	0	2	7.9	2	0	0
Other diseases peculiar to early infancy and childhood (769-776)	1	1.6	1	1.6	1	7.5	1	0	0	2	7.9	2	0	0
Smallpox (084)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Scarlet fever and streptococcal sore throat (050, 051)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Diphtheria (052)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Whooping cough (058)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Measles (060)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Acute poliomyelitis (080)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Smallpox (084)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Measles (085)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Typhus and other rickettsial diseases (100-109)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Malaria (110-117)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
All other diseases classified as infectious and parasitic (030-039, 041, 042, 044, 045, 035-039, 039-044, 081-083, 086-089, 120-138)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	15	245.9	14	21.0	17	126.9	17	1	3	36	141.7	32	1	3
Brain and unspecified neoplasms (210-239)	1	1.6	1	1.6	2	14.9	2	0	0	1	3.9	1	0	0
Neuroblastoma (240)	1	1.6	1	1.6	1	0.8	1	0	0	1	3.9	1	0	0
Amenia (290-293)	1	1.6	1	1.6	1	0.8	1	0	0	1	3.9	1	0	0
Vascular lesions affecting central nervous system (330-334)	12	196.7	12	17.6	17	136.7	17	4	25	29	133.5	25	12	2
Rheumatic fever (400-402)	1	1.6	1	1.6	3	22.4	3	0	0	1	3.9	1	0	0
Chronic rheumatic heart disease (410-416)	1	1.6	1	1.6	3	22.4	3	0	0	14	55.1	7	6	1
Atherosclerotic and degenerative heart disease (420-422)	16	262.3	15	21.9	41	306.0	41	1	2	82	322.8	71	9	2
Myocardial infarction (430-434)	1	1.6	1	1.6	2	14.9	2	0	0	10	39.4	6	3	1
Hypertension with heart disease (440-443)	1	1.6	1	1.6	7	52.2	7	0	0	9	35.4	7	2	0
Hypertension without mention of heart disease (444-447)	1	1.6	1	1.6	1	7.5	1	0	0	3	11.6	2	1	0
Infarction (480-483)	1	1.6	1	1.6	1	7.5	1	0	0	4	15.7	2	1	0
Brain tumor (490-493)	1	1.6	1	1.6	3	22.4	3	0	0	14	55.1	7	6	1
Bronchitis (500-502)	1	1.6	1	1.6	3	22.4	3	0	0	14	55.1	7	6	1
Ulcer of stomach and duodenum (540, 541)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Appendicitis (550-553)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Intestinal obstruction and hernia (560-569)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	1.6	1	1.6	1	7.5	1	0	0	6	23.6	3	1	2
Cirrhosis of liver (581)	1	1.6	1	1.6	2	14.9	2	0	0	3	11.6	3	1	2
Nephritis (590-594)	1	1.6	1	1.6	1	7.5	1	0	0	4	15.7	2	2	0
Hyphema of prostate (610)	1	1.6	1	1.6	1	7.5	1	0	0	1	3.9	1	0	0
Complications of pregnancy, childbirth and the puerperium (640-689)**	2	32.8	2	2.9	1	7.5	1	0	0	2	7.9	2	0	0
Gonorrhea (690-693)	1	1.6	1	1.6	1	7.5	1	0	0	2	7.9	2	0	0
Genital malformations (730-739)	1	1.6	1	1.6	1	7.5	1	0	0	2	7.9	2	0	0
Blindness (740-742)	1	1.6	1	1.6										

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1959 (Continued)

Estimated population, July 1, 1959	MAYES				MURRAY				MUSKOGEE				
	Total		Race		Total		Race		Total		Race		
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	
Live births*	398	18.8	348	2	188	16.3	172	9	7	1,311	23.5	1,017	254
Physician in hospital	382	...	332	48	178	16.5	165	8	7	1,187	22.5	998	150
Physician not in hospital	15	...	15	...	10	...	9	1	43	...	16	...	26
Midwife, other, or unknown	6	...	1	...	4	...	2	...	24	...	13	...	7
Stillbirths†	6	...	5	...	4	...	1	...	26	...	15	...	7
Physician in hospital	3	...	3	...	2	...	1	...	1	...	1	...	1
Physician not in hospital	3	...	2	...	2	...	1	...	1	...	1	...	1
Midwife, other, or unknown	200	...	189	11	152	13.2	148	3	1	694	11.4	496	188
Total deaths all causes	154	...	135	...	100	...	98	...	30	...	50	...	27
Deaths under 1 year	5	...	5	...	3	...	3	...	40	...	30	...	13
Deaths under 1 year - in hospital	5	...	5	...	3	...	3	...	30	...	27	...	13
Deaths under 1 year - not in hospital	2	...	2	...	1	...	1	...	5	...	3	...	2
Tuberculosis, other forms (010-019)	2	...	2	...	1	...	1	...	8	...	8	...	2
Respiratory system (001-008)	2	...	2	...	1	...	1	...	3	...	3	...	1
Syphilis and its sequelae (020-029)	2	...	2	...	1	...	1	...	3	...	3	...	1
Syphilis fever (040) (045-048)	2	...	2	...	1	...	1	...	3	...	3	...	1
Scarlet fever and streptococcal sore throat (050, 051)	2	...	2	...	1	...	1	...	3	...	3	...	1
Diphtheria (055)	2	...	2	...	1	...	1	...	3	...	3	...	1
Whooping cough (065) (067)	2	...	2	...	1	...	1	...	3	...	3	...	1
Acute poliomyelitis (080)	2	...	2	...	1	...	1	...	3	...	3	...	1
Smallpox (085)	2	...	2	...	1	...	1	...	3	...	3	...	1
Measles (085)	2	...	2	...	1	...	1	...	3	...	3	...	1
Dysma and other rheumatic diseases (100-110)	2	...	2	...	1	...	1	...	3	...	3	...	1
Malaria (110-117)	2	...	2	...	1	...	1	...	3	...	3	...	1
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 099)	2	...	2	...	1	...	1	...	3	...	3	...	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	2	...	2	...	1	...	1	...	3	...	3	...	1
Belgian and unspecified meningitis (210-229)	35	...	35	...	28	...	27	...	117	...	77	...	38
Amnesia (230-233)	3	...	3	...	3	...	3	...	6	...	6	...	2
Vascular lesions affecting central nervous system (330-334)	30	...	30	...	27	...	26	...	85	...	64	...	20
Chronic fever (400-402)	4	...	4	...	4	...	4	...	1	...	1	...	1
Rheumatic fever (400-402)	4	...	4	...	4	...	4	...	1	...	1	...	1
Chronic rheumatic heart disease (410-416)	4	...	4	...	4	...	4	...	1	...	1	...	1
Arteriosclerotic and degenerative heart disease (420-422)	40	...	38	...	47	...	46	...	205	...	165	...	39
Hyperostosis with heart disease (440-443)	7	...	7	...	6	...	6	...	22	...	22	...	10
Hyperostosis without mention of heart (444-447)	2	...	2	...	2	...	2	...	11	...	11	...	1
Influenza (480-483)	14	...	14	...	1	...	1	...	8	...	4	...	4
Neuronia (490-493)	2	...	2	...	2	...	2	...	12	...	12	...	1
Brucellosis (500-502)	3	...	3	...	3	...	3	...	2	...	2	...	1
Ulcer of esophagus and duodenum (540, 541)	3	...	3	...	2	...	2	...	4	...	3	...	1
Appendicitis (530-535)	1	...	1	...	2	...	2	...	3	...	3	...	1
Intestinal obstruction and hernia (560, 561, 570)	3	...	3	...	3	...	3	...	4	...	4	...	1
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (583, 571, 572)	4	...	4	...	4	...	4	...	2	...	2	...	2
Cirrhosis of liver (581)	1	...	1	...	4	...	3	...	7	...	5	...	4
Cholelithiasis and cholecystitis (590-594)	1	...	1	...	4	...	3	...	11	...	3	...	1
Nephritis and nephrosis (590-594)	1	...	1	...	4	...	3	...	4	...	3	...	1
Complications of pregnancy, childbirth and the puerperium (640-689)**	2	...	2	...	2	...	2	...	3	...	3	...	1
Congenital malformations (750-759)	2	...	2	...	2	...	2	...	3	...	3	...	1
Birth injuries, postnatal asphyxia and other diseases peculiar to early infancy and immaturity (760-769)	2	...	2	...	2	...	2	...	10	...	6	...	4
Infections of the newborn (760-769)	1	...	1	...	2	...	2	...	13	...	8	...	5
Other diseases peculiar to early infancy and immaturity (760-769)	1	...	1	...	2	...	2	...	10	...	6	...	4
Physician without mention of psychoses, 11-15	6	...	6	...	10	...	10	...	35	...	22	...	13
All other diseases (800-899)	15	...	15	...	10	...	10	...	54	...	35	...	19
All other diseases (800-899)	10	...	10	...	10	...	10	...	54	...	35	...	19
All other accidents (8810-8835)	4	...	4	...	5	...	5	...	24	...	16	...	6
All other accidents (8800-8802, 8840-8865)	4	...	4	...	5	...	5	...	24	...	16	...	6
Self-inflicted injury (8963)	1	...	1	...	2	...	2	...	6	...	5	...	1
Homicide and operations of war (8964, 8965, 8980-8999)	2	...	2	...	2	...	2	...	6	...	4	...	1

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1959 (Continued)

Estimated population, July 1, 1959	NOBLE				NOWATA				OKFUSKEE			
	Total		Race		Total		Race		Total		Race	
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.
Live births*	132	15.4	157	7	19	161.0	19	...	2	17.1	2	...
Physician in hospital	132	...	132	...	19	...	19	...	2	...	2	...
Physician not in hospital	19	...	17	...	1	...	1	...	1	...	1	...
Midwife, other, or unknown	4	...	3	...	1	...	1	...	1	...	1	...
Stillbirths†	4	...	3	...	1	...	1	...	1	...	1	...
Physician in hospital	4	...	3	...	1	...	1	...	1	...	1	...
Physician not in hospital	1	...	1	...	1	...	1	...	1	...	1	...
Midwife, other, or unknown	135	...	124	...	6	...	5	...	149	...	136	...
Total deaths all causes	135	...	124	...	6	...	5	...	149	...	136	...
Deaths under 1 year	3	...	3	...	1	...	1	...	6	...	6	...
Deaths under 1 year - in hospital	3	...	3	...	1	...	1	...	6	...	6	...
Deaths under 1 year - not in hospital	1	...	1	...	1	...	1	...	4	...	4	...
Tuberculosis, other forms (010-019)	1	...	1	...	1	...	1	...	2	...	2	...
Respiratory system (001-008)	1	...	1	...	1	...	1	...	2	...	2	...
Syphilis and its sequelae (020-029)	1	...	1	...	1	...	1	...	2	...	2	...
Syphilis fever (040) (045-048)	1	...	1	...	1	...	1	...	2	...	2	...
Scarlet fever and streptococcal sore throat (050, 051)	1	...	1	...	1	...	1	...	2	...	2	...
Diphtheria (055)	1	...	1	...	1	...	1	...	2	...	2	...
Whooping cough (065) (067)	1	...	1	...	1	...	1	...	2	...	2	...
Acute poliomyelitis (080)	1	...	1	...	1	...	1	...	2	...	2	...
Smallpox (085)	1	...	1	...	1	...	1	...	2	...	2	...
Measles (085)	1	...	1	...	1	...	1	...	2	...	2	...
Dysma and other rheumatic diseases (100-110)	1	...	1	...	1	...	1	...	2	...	2	...
Malaria (110-117)	1	...	1	...	1	...	1	...	2	...	2	...
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 099)	1	...	1	...	1	...	1	...	2	...	2	...
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	19	...	19	...	18	...	15	...	20	...	17	...
Belgian and unspecified meningitis (210-229)	3	...	3	...	3	...	3	...	3	...	3	...
Amnesia (230-233)	1	...	1	...	1	...	1	...	1	...	1	...
Vascular lesions affecting central nervous system (330-334)	18	...	18	...	26	...	25	...	26	...	21	...
Chronic fever (400-402)	2	...	2	...	2	...	2	...	2	...	2	...
Rheumatic fever (400-402)	2	...	2	...	2	...	2	...	2	...	2	...
Chronic rheumatic heart disease (410-416)	2	...	2	...	2	...	2	...	2	...	2	...
Arteriosclerotic and degenerative heart disease (420-422)	46	...	45	...	40	...	36	...	46	...	39	...
Hyperostosis with heart disease (440-443)	5	...	4	...	3	...	3	...	9	...	7	...
Hyperostosis without mention of heart (444-447)	2	...	2	...	1	...	1	...	2	...	2	...
Influenza (480-483)	2	...	2	...	1	...	1	...	1	...	1	...
Neuronia (490-493)	2	...	2	...	1	...	1	...	1	...	1	...
Brucellosis (500-502)	2	...	2	...	1	...	1	...	1	...	1	...
Ulcer of esophagus and duodenum (540, 541)	1	...	1	...	1	...	1	...	1	...	1	...
Appendicitis (530-535)	1	...	1	...	1	...	1	...	1	...	1	...
Intestinal obstruction and hernia (560, 561, 570)	2	...	2	...	2	...	2	...	2	...	2	...
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (583, 571, 572)	3	...	3	...	3	...	2	...	3	...	2	...
Cirrhosis of liver (581)	2	...	2	...	2	...	2	...	2	...	2	...
Cholelithiasis and cholecystitis (590-594)	3	...	3	...	3	...	3	...	3	...	3	...
Nephritis and nephrosis (590-594)	3	...	3	...	3	...	3	...	3	...	3	...
Complications of pregnancy, childbirth and the puerperium (640-689)**	2	...	2	...	2	...	2	...	2	...	2	...
Congenital malformations (750-759)	2	...	2	...	2	...	2	...	2	...	2	...
Birth injuries, postnatal asphyxia and other diseases peculiar to early infancy and immaturity (760-769)	1	...	1	...	1	...	1	...	1	...	1	...

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER (Continued)

Estimated population, July 1, 1959	OKLAHOMA						OKMUTZIE						OSAGE					
	Total		Rate		Rate		Total		Rate		Rate		Total		Rate		Rate	
	No.	Rate	No.	No.	No.	No.	No.	Rate	No.	No.	No.	Rate	No.	Rate	No.	No.	No.	Rate
Live births*	11,020	27.2	282	1,520	137	629	19.8	426	129	69	16.4	438	23	65	510	148	23	65
Physician in hospital	11,020	27.2	282	1,520	137	629	19.8	426	129	69	16.4	438	23	65	510	148	23	65
Physician not in hospital	40	0.9	28	11	1	80	2.3	37	11	6	1.8	5	1	1	6	1	1	1
Midwife, nurse, or unlicensed	27	0.6	27	5	1	39	1.1	37	11	6	1.8	5	1	1	6	1	1	1
Stillbirths	141	3.2	109	28	4	9	12.9	6	3	11	20.9	8	2	1	10	2.9	8	2
Physician in hospital	133	3.0	109	27	4	2	2	2	3	3	6.2	1	1	2	1	2	1	1
Physician not in hospital	8	0.2	2	1	1	7	0.2	4	1	8	19.0	7	2	1	9	2.5	1	1
Midwife, nurse, or unlicensed	3,774	83.3	2,984	364	26	469	13.3	385	76	8	28.7	9.9	262	10	15	4.2	15	4.2
Total deaths, all causes*	283	25.7	219	58	8	27	38.6	14	11	2	4	9.5	3	1	1	1	1	1
Deaths under 1 year	228	20.6	181	44	6	20	28.0	13	11	2	4	7.6	3	1	1	1	1	1
Deaths under 1 month	28	2.6	18	4	1	5	7.1	3	3	1	2	4.5	1	1	1	1	1	1
Respiratory system (001-008)	2	0.2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tuberculosis, other forms (00-019)	6	0.5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Syphilis and its sequelae (020-029)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Typhoid fever (040)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dysentery, all forms (045-049)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Diphtheria (055)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Whooping cough (056)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Measles (085)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat (050, 051)	1	0.02	1	1	1													

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY RACE, OKLAHOMA, 1959 (Continued)

Estimated population, July 1, 1959	PITTSBURGH						FORTCOCK						KOTAWAH					
	Total		Race		Total		Race		Total		Race		Total		Race			
	No.	Rate	No.	Ind.	No.	Ind.	No.	Ind.	No.	Rate	No.	Ind.	No.	Rate	No.	Ind.		
Live births	397	18.0	521	57	19	572	21.0	510	31	839	19.9	751	31	57	1.1	57		
Physician in hospital	352	...	491	42	19	557	...	509	29	834	...	747	30	57	...	57		
Physician not in hospital	12	...	5	7	3	5	...	1	2	5	...	4	1	1	...	1		
Midwife, other, or unknown	11	...	4	2	3	5.2	...	3	3	10	11.9	6	1	2	...	2		
Stillbirths	9	...	8	2	3	3	...	3	10	...	8	6	1	2	...	2		
Physician in hospital	2	...	1	1	1	3	...	1	1	...	1	1	1	1	...	1		
Physician not in hospital	2	...	1	1	1	3	...	1	1	...	1	1	1	1	...	1		
Midwife, other, or unknown	2	...	1	1	1	3	...	1	1	...	1	1	1	1	...	1		
Total deaths, all causes	395	11.9	545	41	9	310	11.4	286	13	438	10.9	432	12	14	...	14		
Deaths under 1 year	15	...	13	1	11	13	...	9	5	23	27.4	17	3	2	...	2		
Deaths under 1 month	10	...	10	1	6	10.5	...	5	1	17	20.3	12	3	2	...	2		
Neonatal deaths, other forms (001-008)	2	...	2	2	2	7.3	...	2	1	3	7.1	1	1	1	...	1		
Pneumonia, other forms (010-019)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Scarlet fever (040)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Dysentery, all forms (045-048)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Syphilis, all forms (045-048)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Diphtheria (055)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Whooping cough (056)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Neurotoxic infections (057)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Acute poliomyelitis (080)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Measles (085)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Typhus and other rickettsial diseases (100-108)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Malaria (110-117)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
All other diseases classified as infectious and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	52	157.1	49	3	48	155.8	...	45	1	64	151.7	62	2	1	...	1		
Benign and unspecified neoplasms (210-239)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Diphtheria (260)	3	...	2	1	4	14.7	...	4	1	10	23.7	10	1	1	...	1		
Amnesia (280-285)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Respiratory infections affecting central nervous system (330-334)	64	203.4	56	8	67	245.4	...	65	2	68	261.1	67	1	1	...	1		
Neurotoxic meningitis (340)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Neuritis (350-352)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Neurasthenic and degenerative heart disease (420-422)	113	341.4	102	10	75	274.7	...	73	4	147	346.3	140	1	6	...	6		
Other diseases of heart (430-434)	9	...	8	1	4	14.7	...	4	1	5	11.8	5	1	1	...	1		
Hypertension with heart disease (440-443)	5	...	4	1	10	36.6	...	7	1	9	21.3	9	1	1	...	1		
Myocardial infarction (444-447)	4	...	4	4	2	7.3	...	2	1	4	9.5	3	1	1	...	1		
Influenza (480-483)	12	...	9	2	17	25.6	...	16	1	8	19.0	8	1	1	...	1		
Pneumonia (490-493)	15	...	12	3	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Whooping cough (500-502)	5	...	5	5	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Scarlet fever (500-502)	15	...	15	15	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Dysentery, all forms (540, 541)	2	...	2	2	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Appendicitis (550-553)	3	...	3	3	4	14.7	...	4	1	5	11.8	5	1	1	...	1		
Intestinal obstruction and hernia (560, 561, 570)	3	...	2	1	4	14.7	...	4	1	5	11.8	5	1	1	...	1		
Gonorrhea, gonococci, urethritis and colitis (571, 572)	2	...	2	2	1	3.7	...	1	1	2	4.7	2	1	1	...	1		
Cirrhosis of liver (581)	6	...	5	1	1	3.7	...	1	1	2	4.7	2	1	1	...	1		
Nephritis and nephrosis (590-594)	4	...	4	4	4	14.7	...	4	1	6	14.2	6	1	1	...	1		
Hypertonia of prostate (610)	1	...	1	1	1	3.7	...	1	1	2	4.7	2	1	1	...	1		
Colitis (620-629)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Conjunctival malformations (750-759)	6	...	5	1	4	14.7	...	4	1	5	11.8	5	1	1	...	1		
the paranasal (640-689)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Congenital malformations (750-759)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Birth injuries, postnatal asphyxia and infection of the newborn (840)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Birth injuries, postnatal asphyxia and infection of the newborn (840)	1	...	1	1	1	3.7	...	1	1	1	2.4	1	1	1	...	1		
Other diseases peculiar to early infancy and immaturely unqualified (760-776)	7	...	7	7	2	7.3	...	2	1	9	21.3	9	1	2	...	2		
Senility without mention of psychosis (811-819)	14	...	11	3	7	25.6	...	6	1	8	19.0	6	1	1	...	1		
All other diseases of the nervous system (820-839)	13	...	12	1	3	11.0	...	2	1	4	9.5	3	1	1	...	1		
Motor-vehicle accidents (880-882)	20	...	19	1	16	58.6	...	13	1	18	42.7	18	1	1	...	1		
All other accidents (880-882, 884-896)	2	...	2	2	2	7.3	...	1	1	3	7.1	2	1	1	...	1		
Suicide and self-inflicted injury (896)	2	...	2	2	2	7.3	...	1	1	3	7.1	2	1	1	...	1		
Homicide and other violence (896, 899)	2	...	2	2	2	7.3	...	1	1	3	7.1	2	1	1	...	1		
operation of war (896, 899)	2	...	2	2	2	7.3	...	1	1	3	7.1	2	1	1	...	1		

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY RACE, OKLAHOMA, 1959 (Continued)

Estimated population, July 1, 1959	MUSKOGEE						ROGER HILLS						ROGERS					
	Total		Race		Total		Race		Total		Race		Total		Race			
	No.	Rate	No.	Ind.	No.	Ind.	No.	Rate	No.	Rate	No.	Ind.	No.	Rate	No.	Ind.		
Live births	154	16.0	127	2	25	97	22.6	84	13	401	19.1	376	10	15	...	15		
Physician in hospital	140	...	114	2	24	95	...	83	12	394	...	370	9	13	...	13		
Physician not in hospital	4	...	1	1	1	1	...	1	1	1	...	1	1	1	...	1		
Midwife, other, or unknown	6	...	6	6	6	10.3	...	1	1	5	12.5	5	4	...	4			
Stillbirths	6	...	6	6	1	10.3	...	1	1	4	...	4	5	...	5			
Physician in hospital	1	...	1	1	1	10.3	...	1	1	1	...	1	1	...	1			
Physician not in hospital	1	...	1	1	1	10.3	...	1	1	1	...	1	1	...	1			
Midwife, other, or unknown	1	...	1	1	1	10.3	...	1	1	1	...	1	1	...	1			
Total deaths, all causes	106	11.0	103	3	59	13.7	...	57	2	196	9.5	186	5	5	...	5		
Deaths under 1 year	3	...	3	3	3	30.9	...	3	3	8	20.0	8	8	...	8			
Deaths under 1 month	1	...	1	1	1	30.9	...	1	1	5	12.5	5	5	...	5			
Neonatal deaths, other forms (001-008)	2	...	2	2	2	30.9	...	2	2	3	14.3	3	2	...	2			
Pneumonia, other forms (010-019)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
Scarlet fever (040)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
Dysentery, all forms (045-048)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
Syphilis, all forms (045-048)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
Diphtheria (055)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
Whooping cough (056)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
Neurotoxic infections (057)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
Acute poliomyelitis (080)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
Measles (085)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
Typhus and other rickettsial diseases (100-108)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
Malaria (110-117)	1	...	1	1	1	30.9	...	1	1	1	...	1	1	...	1			
All other diseases classified as infectious and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	...	1															

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1959 (Continued)

Estimated population, July 1, 1959	SENIOLE						SERVOVAH						STEREENS						
	Total		Race		Rate		Total		Race		Rate		Total		Race		Rate		
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
Live births*	556	18.4	438	72	66	384	21.7	311	26	47	745	20	710	18	17	18	15	15	
Physician in hospital	538	17.8	417	56	65	369	21.7	303	2	49	709	18	705	18	15	15	15	15	
Physician not in hospital	18	0.6	12	1	1	15	0.5	8	3	2	9	0.2	5	0.1	2	2	2	2	
Malaria	16	0.5	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Malaria (110-117)	16	0.5	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
All other diseases classified as infectious and parasitic (000-099, 001, 042, 044, 049, 052-054, 059-074, 081-083, 086-095, 120-138)	1	0.03	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-207)	50	16.5	44	2	4	27	152.5	22	3	2	42	113.5	41	1	1	1	1	1	
Breast (562-569)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Diabetes mellitus (260)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Amenorrhea (290-293)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Vascular lesions affecting central nervous system (330-334)	42	139.1	30	8	4	22	124.3	22	2	1	37	100.0	36	1	1	1	1	1	
Rheumatic fever (400-402)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Chronic rheumatic heart disease (410-416)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Arteriosclerosis and degenerative heart disease (420-422)	67	221.9	62	3	2	49	276.8	45	2	2	106	286.5	105	1	1	1	1	1	
Other diseases of heart (430-434)	8	26.5	7	1	1	5	28.2	4	1	1	14	37.8	13	1	1	1	1	1	
Hypertension without mention of heart disease (440-443)	13	43.0	12	1	1	9	50.8	7	1	1	7	18.9	7	1	1	1	1	1	
Other diseases of heart (444-447)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Tracheitis (480-483)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Bronchitis (500-502)	6	19.3	6	1	1	7	39.5	7	1	1	5	13.5	5	1	1	1	1	1	
Ulcer of stomach and duodenum (540, 541)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Appendicitis (530-533)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Other diseases of the digestive tract (561, 570)	5	16.6	3	1	1	2	5.4	2	2	2	5.4	2	2	2	2	2	2	2	
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	2	6.6	2	0.03	2	3	16.9	1	1	2	3	8.1	3	1	1	1	1	1	1
Cirrhosis of liver (581)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Nephritis and nephrosis (590-594)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Hypertension of prostate (610)	3	9.9	3	0.03	3	16.9	2	2	2	3	13.5	3	1	1	1	1	1	1	1
Complications of pregnancy, childbirth and the puerperium (640-689)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Other diseases of the circulatory system (730-739)	4	13.2	4	0.03	4	5.6	1	1	1	3	40.3	3	2	2	2	2	2	2	2
Other diseases of the circulatory system (740-749)	9	29.8	9	0.03	9	29.8	1	1	1	3	8.1	3	2	2	2	2	2	2	2
Other diseases of the circulatory system (750-759)	4	13.2	4	0.03	4	5.6	1	1	1	3	8.1	3	2	2	2	2	2	2	2
Other diseases of the circulatory system (760-769)	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Other diseases of the circulatory system (770-779)	4	13.2	4	0.03	4	5.6	1	1	1	3	8.1	3	2	2	2	2	2	2	2
Other diseases of the circulatory system (780-789)	11	36.4	8	1	2	10	56.5	7	1	2	12	32.4	12	1	1	1	1	1	1
All other diseases (Residual)	27	89.4	21	3	3	9	50.8	7	1	2	38	102.7	37	1	1	1	1	1	1
Motor-vehicle accidents (880-882, 884-886)	4	13.2	4	0.03	4	13.2	2	2	2	2	11.3	2	2	2	2	2	2	2	2
All other accidents (880-882, 884-886)	21	69.5	16	3	3	9	50.8	7	1	2	11	29.7	10	1	1	1	1	1	1
Suicide (890-892)	3	9.9	3	0.03	3	9.9	1	1	1	5	13.5	5	1	1	1	1	1	1	1
Other operations of war (894, 895, 898-899)	2	6.6	1	1	1	5.6	1	1	1	2	5.4	1	1	1	1	1	1	1	1

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1959 (Continued)

Estimated population, July 1, 1959	TASAS						TITLHAM						TULSA						
	Total		Race		Rate		Total		Race		Rate		Total		Race		Rate		
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
Live births*	342	25.0	346	2	2	324	21.2	242	78	4	8,015	23.8	7,070	807	142	142	142	142	
Physician in hospital	341	24.9	339	1	1	296	21.2	233	59	4	7,892	23.7	7,008	764	142	142	142	142	
Physician not in hospital	1	0.3	1	0.03	1	0.03	0.1	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03	1	0.03
Malaria	6	1.8	3	0.9	3	0.9	0.9	3	0.9	3	0.9	3	0.9	3	0.9	3	0.9	3	0.9
Malaria (110-117)	6	1.8	3	0.9	3	0.9	0.9	3	0.9	3	0.9	3	0.9	3	0.9	3	0.9	3	0.9
All other diseases classified as infectious and parasitic (000-099, 001, 042, 044, 049, 052-054, 059-074, 081-083, 086-095, 120-138)	3	0.9	3	0.9	3	0.9	0.9	3	0.9	3	0.9	3	0.9	3	0.9	3	0.9	3	0.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-207)	16	46.8	16	0.03	16	46.8	13	36	4	4	431	128.7	399	30	2	2	2	2	
Breast (562-569)	2	5.6	2	0.03	2	5.6	2	6	1	1	3	8.6	2	2	2	2	2	2	2
Diabetes mellitus (260)	1	2.8	1	0.03	1	2.8	1	1	1	1	3	8.6	2	2	2	2	2	2	2
Amenorrhea (290-293)	1	2.8	1	0.03	1	2.8	1	1	1	1	3	8.6	2	2	2	2	2	2	2
Vascular lesions affecting central nervous system (330-334)	13	36.9	13	0.03	13	36.9	21	2	2	305	91.0	273	30	2	2	2	2	2	2
Rheumatic fever (400-402)	1	2.8	1	0.03	1	2.8	1	1	1	1	3	8.6	2	2	2	2	2	2	2
Chronic rheumatic heart disease (410-416)	1	2.8	1	0.03	1	2.8	1	1	1	1	3	8.6	2	2	2	2	2	2	2
Arteriosclerosis and degenerative heart disease (420-422)	25	69.5	25	0.03	25	69.5	4	4	4	691	206.3	640	47	4	4	4	4	4	4
Other diseases of heart (430-434)	4	11.1	4	0.03	4	11.1	2	2	2	61	18.8	57	16	2	2	2	2	2	2
Hypertension without mention of heart disease (440-443)	3	8.2	3	0.03	3	8.2	2	2	2	21	6.2	18	2	2	2	2	2	2	2
Other diseases of heart (444-447)	1	2.8	1	0.03	1	2.8	1	1	1	1	3	8.6	2	2	2	2	2	2	2
Tracheitis (480-483)	3	8.2	3	0.03	3	8.2	2	2	2	2	6	17.2	2	2	2	2	2	2	2
Bronchitis (500-502)	3	8.2	3	0.03	3	8.2	2	2	2	2	6	17.2	2	2	2	2	2	2	2
Ulcer of stomach and duodenum (540, 541)	2	5.6	2	0.03	2	5.6	1	1	1	4	11.1	4	4	4	4	4	4	4	4
Appendicitis (530-533)	2	5.6	2	0.03	2	5.6	1	1	1	4	11.1	4	4	4	4	4	4	4	4
Other diseases of the digestive tract (561, 570)	3	8.2	3	0.03	3	8.2	2	2	2	2	6	17.2	2	2	2	2	2	2	2
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	3	8.2	3	0.03	3	8.2	2	2	2	2	6	17.2	2	2	2	2	2	2	2
Cirrhosis of liver (581)	1	2.8	1	0.03	1	2.8	1	1	1	1	3	8.6	2	2	2	2	2	2	2
Nephritis and nephrosis (590-594)	1	2.8	1	0.03	1	2.8	1	1	1	1	3	8.6	2	2	2	2	2	2	2
Hypertension of prostate (610)	1	2.8	1	0.03	1	2.8	1	1	1	1	3	8.6	2	2	2	2	2	2	2
Complications of pregnancy, childbirth and the puerperium (640-689)	1	2.8	1	0.03	1	2.8	1	1	1	1	3	8.6	2	2	2	2	2		

TABLE VI. RESIDENT BIRTHS, DEATHS, AND DEATHS BY INTERCAUSE, NUMBER AND RATE, BY RACE, OKLAHOMA CITY AND TULSA, 1959

Estimated population, July 1, 1959	OKLAHOMA CITY					TULSA				
	Total No.	Rate	Wh. No.	Neg. No.	Ind. No.	Total No.	Rate	Wh. No.	Neg. No.	Ind. No.
Live births	8,351	26.2	6,795	1,400	156	5,881	23.0	5,056	720	105
Physician in hospital	8,299	25.2	6,733	1,390	156	5,785	22.8	5,012	670	103
Physician not in hospital	31	0.1	23	8	0	49	0.2	38	9	2
Midwife, doctor, or unknown	103	3.1	77	26	0	67	2.7	56	41	5
Physician in hospital	103	3.1	76	24	3	63	2.5	51	11	1
Physician not in hospital	1	0.0	1	0	0	3	0.0	3	0	0
Midwife, doctor, or unknown	2,819	85.3	2,508	293	18	2,097	82.2	1,852	36	11
Deaths under 1 month	177	5.3	135	36	6	107	4.2	100	17	2
Deaths under 1 year	177	5.3	135	36	6	107	4.2	100	17	2
Tuberculosis, other forms (010-019)	7	0.2	7	0	0	5	0.2	4	1	0
Tuberculosis of respiratory system (001-008)	5	0.1	5	0	0	2	0.1	2	0	0
Respiratory system (030-039)	1	0.0	1	0	0	1	0.0	1	0	0
Dysentery, all forms (045-048)	1	0.0	1	0	0	1	0.0	1	0	0
Scarlet fever and streptococcal sore throat (050, 051)	1	0.0	1	0	0	1	0.0	1	0	0
Diphtheria (052)	1	0.0	1	0	0	1	0.0	1	0	0
Whooping cough (056)	2	0.0	2	0	0	1	0.0	1	0	0
Meningococcal infections (057)	2	0.0	2	0	0	1	0.0	1	0	0
Acute poliomyelitis (080)	1	0.0	1	0	0	1	0.0	1	0	0
Smallpox (084)	1	0.0	1	0	0	1	0.0	1	0	0
Scarlet fever (089)	1	0.0	1	0	0	1	0.0	1	0	0
Psoriasis (089)	1	0.0	1	0	0	1	0.0	1	0	0
Pharyngitis and other rickettsial diseases (100-109)	1	0.0	1	0	0	1	0.0	1	0	0
Malaria (110-117)	1	0.0	1	0	0	1	0.0	1	0	0
All other diseases classified as infectious and parasitic (010-139)	15	0.4	14	1	0	7	0.3	7	0	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	452	142.0	411	40	1	356	139.2	330	25	1
Brain and unspecified neoplasms (200-239)	37	11.6	32	5	0	21	8.2	18	3	0
Diabetes mellitus (260)	2	0.6	2	0	0	4	1.6	2	2	0
Ascites (290-293)	559	112.8	340	18	1	235	99.7	227	27	1
Vascular lesions affecting central nervous system (300-359)	3	0.9	3	0	0	1	0.4	1	0	0
Neuroinfectious meningitis (340)	3	0.9	3	0	0	1	0.4	1	0	0
Rheumatic fever (400-402)	19	6.0	19	0	0	16	6.3	13	2	1
Chronic rheumatic heart disease (410-416)	659	202.1	637	20	2	567	221.7	551	45	3
Arteriosclerotic and degenerative heart disease (420-434)	79	24.8	59	20	1	44	17.2	28	16	0
Hypertension with heart disease (440-443)	26	8.2	22	4	0	12	4.7	11	1	0
Hypertension without mention of heart disease (444-447)	26	8.2	18	8	0	10	3.9	8	2	0
Ischemic heart disease (410-413)	7	2.2	3	3	1	7	2.7	6	1	0
Pneumonia (490-493)	7	2.2	3	3	1	7	2.7	6	1	0
Bronchitis (500-502)	28	9.1	22	7	0	19	7.4	16	3	0
Ulcer of stomach and duodenum (540, 541)	15	4.7	12	3	0	5	2.0	5	0	0
Appendicitis (580-593)	26	8.2	22	4	0	12	4.7	11	1	0
Intestinal obstruction and hernia (580-589)	26	8.2	22	4	0	12	4.7	11	1	0
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	7	2.2	3	3	1	7	2.7	6	1	0
Cholera (576)	1	0.3	1	0	0	1	0.4	1	0	0
Nephritis and nephrosis (590-596)	5	1.6	5	0	0	5	2.0	5	0	0
Hypertrophia of prostate (610)	5	1.6	5	0	0	5	2.0	5	0	0
Complications of pregnancy, childbirth and the puerperium (640-689)	5	6.0	4	1	0	2	3.4	2	1	0
Birth injuries, postnatal asphyxia and atelectasis (760-765)	41	12.9	37	4	0	26	10.2	22	1	3
Infections of the newborn (769-769)	73	22.9	60	8	2	43	16.8	35	8	0
Other diseases peculiar to early infancy (770-779)	73	22.9	60	8	2	43	16.8	35	8	0
Sentility without mention of psychosis (810-819)	283	88.9	225	55	3	89	34.8	79	8	2
All other diseases (Residual)	203	63.8	184	16	3	211	82.5	183	28	8
Motor-vehicle accidents (8810-8839)	72	22.6	62	10	0	50	19.5	42	8	0
Accidents and self-inflicted injury (890-899)	36	11.3	32	4	0	30	11.7	30	0	0
Home and operations of war (8984, 8985, 8990-8997)	19	6.0	8	11	0	18	7.0	9	9	0

