

*File Copy King*

# PUBLIC HEALTH STATISTICS

STATE OF

## OKLAHOMA

1958



PART II

## BIRTHS AND DEATHS

Oklahoma State Department of Health

Oklahoma City, Oklahoma

KIRK T. MOSLEY, M. D., *Commissioner*

**PUBLIC HEALTH STATISTICS**

**STATE OF**

**OKLAHOMA**

**1958**



**PART II**

**BIRTHS AND DEATHS**

Oklahoma State Department of Health

Oklahoma City, Oklahoma

KIRK T. NOSLEY, M. D., *Commissioner*

TABLE OF CONTENTS

	Page
Discussion . . . . .	1-23
Population . . . . .	1
Residence Allocation . . . . .	1
Cause of Death Classification . . . . .	3
Live Births . . . . .	3
Immature Births . . . . .	5
Stillbirths . . . . .	5
Total Deaths . . . . .	6
Leading Causes of Death . . . . .	8
Heart Disease . . . . .	8
Malignant Neoplasms . . . . .	10
Vascular Lesions of the Central Nervous System . . . . .	11
Accidents . . . . .	12
Certain Diseases of Early Infancy . . . . .	13
Influenza and Pneumonia . . . . .	13
Diseases of Arteries . . . . .	13
Diabetes Mellitus . . . . .	13
Nephritis and Nephrosis . . . . .	14
Congenital Malformations . . . . .	14
Other Important Causes of Death . . . . .	14
Communicable Diseases . . . . .	14
Maternal Deaths . . . . .	16
Infant Deaths . . . . .	17
Deaths of Infants Under One Month of Age . . . . .	18
Deaths of Infants One through Eleven Months of Age . . . . .	21
Perinatal Mortality . . . . .	22

APPENDIX

Table A. Births, Deaths, and Deaths by Important Causes, Number and Rate, Oklahoma, 1935-1958 . . . . .	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, 1958 . . . . .	31
Table I. Resident Deaths by International Intermediate List of 150 Causes, Number and Rate, by Race, Oklahoma 1958 . . . . .	32
Table II. Resident Births, Deaths, and Deaths by International Abbreviated List of 50 Causes, Number and Rate, by Race, Oklahoma, 1958 . . . . .	35
Table III. Resident Deaths by International Abbreviated List of 50 Causes, by Race, Sex, and Age, Oklahoma, 1958 . . . . .	36
Table IV. Leading Causes of Death, Number and Per Cent, by Race, by Age Group, Oklahoma, 1958 . . . . .	43
Table V. Resident Births, Deaths, and Deaths by Important Causes, Number and Rate by County, and Number by County and Race, Oklahoma, 1958 . . . . .	44
Table VI. Resident Births, Deaths, and Deaths by Important Causes, Number and Rate, by Race, Oklahoma City and Tulsa, 1958 . . . . .	70

## PUBLIC HEALTH STATISTICS OF OKLAHOMA

### BIRTHS AND DEATHS

1958

Vital statistics relating to the births and deaths that occurred in Oklahoma or to residents of Oklahoma during the calendar year 1958 are published in this sixteenth annual edition of Public Health Statistics of Oklahoma, Part II. Information in this publication is based on data obtained from the standard certificates of live births, stillbirths, and deaths filed in the Oklahoma State Department of Health. Analysis of specific data is somewhat limited in scope, but some of the observations of particular interest to the public health workers of today have been expanded for more detailed discussion.

The narrative portion of the publication is followed by detailed tables giving vital statistics data for each county, Oklahoma City, and Tulsa City. Other tables for the State show deaths from selected causes by age at death, sex, and race; principal causes of death for each age group and race; live births and stillbirths by attendant and place of delivery; and a historical summary of births, deaths, and important causes of death for each year since 1935. Tabulations of data beyond those given in this bulletin are furnished upon request whenever possible by the State Department of Health.

### POPULATION

Each year the Oklahoma State Committee for Population Estimates computes and publishes county population estimates based on averages of estimates made by two independent methods: (1) the Census Bureau Method II (revised) as illustrated in Current Population Reports, Series P-25, No. 133 and (2) the Vital Rates Method as described in Current Population Reports, Series P-25, No. 97. The estimates released by this committee are used in this bulletin for those years in which U. S. census counts are not made. The July 1, 1958 estimate made by the committee for the State as a whole is 2,299,590; for the white racial group the estimate is 2,087,058, for the Negro, 158,763, and for the Indian, 53,769.

### RESIDENCE ALLOCATION

Table C in the appendix shows the number of births, deaths, stillbirths, infant and neonatal deaths that occurred in each county during the year. These figures 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.

Table 2 shows the states in which the largest number of births and deaths to Oklahoma residents occurred. Large numbers of births and deaths to residents of the State occurred in the bordering states, Texas, Arkansas, and Kansas, as

might be expected, because of the hospital facilities in some of the cities just across the borders.

Table 1

Residence Allocation, Oklahoma, 1958		
	Non-resident Certificates Excluded	Resident Transcripts Included
Births	989	1,531
Deaths	550	972

Births and Deaths of Oklahoma Residents Occurring Outside Oklahoma, by State in which the Events Occurred, 1958

Table 2

State	Number	
	Births	Deaths
Total	1,531	972
Alaska	16	1
Arizona	13	28
Arkansas	521	186
California	8	29
Colorado	37	21
Illinois	22	7
Kansas	338	183
Kentucky	15	5
Louisiana	47	17
Maryland	17	4
Missouri	83	73
New Mexico	17	32
Texas	324	290
All Others	73	96

CAUSE OF DEATH CLASSIFICATION

The cause of death selected for statistical purposes from multiple causes reported on a death certificate during 1958 was selected according to 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 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

\* Ratios 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. This 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

The total number of live births to residents of Oklahoma in 1958 was 50,552, for a rate of 22.0, a decrease from the number of 51,349 and rate of 22.5 in 1957.

Rates by race were 21.0 for the white racial group, 28.9 for the Negro, and 41.1 for the Indian. The white rate showed a slight decrease from 1957, whereas the Negro rate remained the same, and the Indian rate showed an increase. The sex ratio was approximately 105 males per 100 females as compared with 104 males to 100 females the previous year.

Although the number of deliveries in hospitals composes the greater proportion of live births, a number of births are still being attended by persons other than physicians. During 1958, 0.3 per cent of the white deliveries were in this category, 1.1 per cent of the Indian were attended by same; but among the Negro population 9.6 per cent of the deliveries were attended by persons other than physicians.

Table 4  
Live Birth Attendance by Race, Oklahoma, 1958

Attendance	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total live births	50,552	100.0	43,760	100.0	4,581	100.0	2,211	100.0
Physician in hospital	48,472	95.9	42,488	97.1	3,855	84.2	2,129	96.3
Physician not in hospital	1,468	2.9	1,125	2.6	285	6.2	58	2.6
Midwife and other	612	1.2	147	0.3	441	9.6	24	1.1

Table 4 above shows the type of institution or place where the births occurred, and the type of attendant. Hospital deliveries accounted for 97.1 per cent of the total number in the white racial group, 84.2 per cent among Negroes, and 96.3 among Indian.

Chart 1  
Hospital Deliveries by Race, Oklahoma, 1946-1958

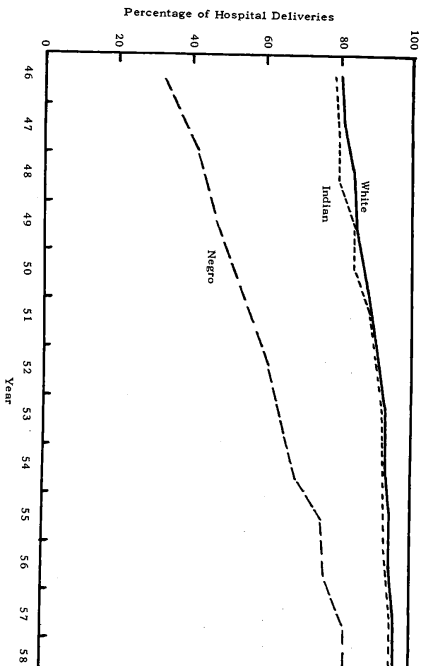


Chart 1, page 4, contains the percentage of hospital deliveries for each race during the years, 1946-1958. The white and Indian percentages of hospital deliveries ran close together for the 13 year period. The Negro percentage has been considerably lower than the other races during the period. It can be noted, however, that the percentage of Negro births in hospitals is on the increase and is rapidly approaching the white and Indian race percentages.

The median age of mothers in 1958 was about 24.3 years. The median age in the white racial group was also 24.3; in the Negro group, 24.2; and in the Indian group, 25.3. The median birth weight was roughly 7 pounds.

Immature Births

During 1958, 7.0 per cent of the 50,127 births reporting birth weight, specified weights of five and a half pounds or less. The proportions of the live births that were immature, based on birth weight alone as the criterion of immaturity, for each racial group, are shown in Table 4. Variations among the racial groups have been observed, with the proportion of Negro babies classified as immature remaining consistently higher than the proportion of white or Indian babies. The proportion of Negro babies classified as immature was 13.9 as compared to 4.7 for the Indian and 6.4 for the white.

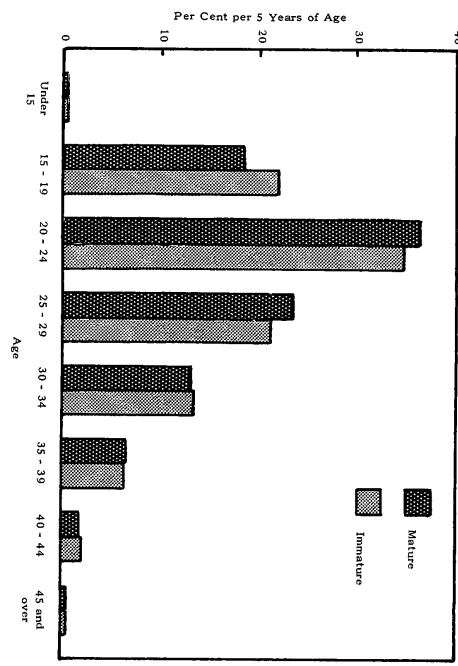
Chart 2, page 6, shows the percentage age distribution of the mothers of immature infants compared with that of mothers of mature infants. The proportions of mothers of immature infants in the age groups under 20 and over 40 were slightly greater than those of mothers of mature infants in the same age groups.

Table 5  
Number of Live Births and Percentage Immature by Race, by Age of Mother, Oklahoma, 1958

Race	Total	Age of Mother								
		-15	15-19	20-24	25-29	30-34	35-39	40-44	45+	
<b>Total:</b>	50,087	91	9,344	18,188	11,688	6,541	3,296	883	51	
Immature**	3,507	11	771	1,220	745	462	224	69	5	
Per cent immature	7.0	12.1	8.3	6.4	7.1	6.8	7.8	9.8		
<b>White:</b>	43,387	43	7,937	16,088	10,224	5,588	2,752	714	41	
Immature**	2,778	6	565	1,005	603	377	168	51	3	
Per cent immature	6.4	14.0	7.1	6.2	5.9	6.7	6.1	7.1	7.3	
<b>Negro:</b>	4,509	42	1,040	1,407	975	595	330	114	6	
Immature**	625	4	191	178	122	68	45	16	1	
Per cent immature	13.9	9.5	18.4	12.7	12.5	11.4	13.6	14.0	16.7	
<b>Indian:</b>	2,191	6	367	693	489	358	214	60	4	
Immature**	104	1	15	37	20	17	11	2	1	
Per cent immature	4.7	16.7	4.1	5.3	4.1	4.7	5.1	3.3	25.0	

\* Number with age and weight specified; 465 excluded from total because weight and/or age unspecified.  
\*\* Number with age specified; 4 excluded from total because age unspecified.

Chart 2  
Percentage Age Distribution of Mothers of Mature and Immature Infants, Oklahoma, 1958



STILLBIRTHS

Stillbirth certificates are filed for births which show no signs of life and which have developed to the twentieth week or more of gestation at the time of birth. Stillbirth rates have declined from an average ratio of 28.0 stillbirths per 1,000 live births in 1936-1938 to a ratio of 13.4 in 1956-1958. The ratio of 13.3 was recorded for 1958; the ratio for the white population was 11.6 as compared to 24.4 for the Negro and 22.6 for the Indian.

The underlying causes of the stillbirths reported in 1958 are shown in Table 7. The selection of the underlying cause was based on the sequence of events that led to the stillbirths as reported on the medical certifications on the stillbirth certificates. In instances where no logical sequence could be established, however, if more than one cause was reported, precedence was given to causes determined in the fetus, placenta or cord over causes and conditions in the mother, when they were reported together on certificates.

Little over half, 54.1 percent, of the stillbirths were attributed to causes determined in the fetus, placenta and cord: 39.5 per cent were attributed to placenta and cord conditions and congenital malformations accounted for 10.8 per cent of the stillbirths. Almost 13 per cent were attributed to causes determined in the mother or related to pregnancy: toxemia of pregnancy and difficulties in labor were the leading causes in this group, accounting for 4.0 and 3.9 per cent, respectively, of the stillbirths. For 133 of the stillbirths, no cause was specified and for 88, the cause given was classified as ill-defined, making a total

Table 6  
Stillbirth Attendance by Race, Number and Per Cent, Oklahoma, 1958

Attendance at Birth	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total	671	100.0	509	100.0	112	100.0	50	100.0
Physician in hospital	627	93.5	434	95.1	93	83.0	50	100.0
Physician not in hosp	35	5.2	23	4.5	12	10.7	-	-
Midwife	6	0.9	1	0.2	5	4.5	-	-
Other & unknown	3	0.4	1	0.2	2	1.8	-	-

Table 7  
Resident Stillbirths, by Cause of Stillbirth, Oklahoma, 1958

Cause of Stillbirth	Number	Per Cent
Total	671	100.0
Causes Determined in the Mother, or Related to Pregnancy:		
Diabetes mellitus (Y30.2)	10	1.5
Chronic disease of genito-urinary system (Y30.4)	8	1.2
Other chronic diseases (Y30.0, .1, .3, .5)	4	0.6
Acute disease in mother (Y31)	27	4.0
Toxemias of pregnancy (Y32.3, .4)	6	0.9
Infection (ante- and intra-partum) (Y32.5)	26	3.9
Difficulties in labor (Y34)	3	0.4
Self-induced abortion (Y32.0)	3	0.4
Accident or violence (Y35.0, .1)	3	0.4
Other and ill-defined causes in mother (Y32.1, .2, Y33, Y35.2, .3)	3	0.4
Causes Determined in the Fetus, Placenta or Cord:		
Placenta and cord conditions (Y36)	265	39.5
Birth injury (Y37)	-	-
Congenital malformations of fetus (Y38)	72	10.8
Erythroblastosis (Y39.2)	24	3.6
Other causes determined in the fetus (Y39.0, .1, .3)	2	0.3
Ill-defined causes (Y39.4, .5)	88	13.1
Cause unspecified (Y39.6)	133	19.8

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

of 32.9 percent of the stillbirths for which the cause of stillbirth was actually undetermined.

Table 8 shows information as to whether the stillbirths occurred before or during labor. For those stillbirths that stated whether or not death occurred before or during labor, 70.8 per cent had occurred before labor.

Table 8  
Resident Stillbirths, According to Whether Death Occurred Before or During Labor, by Race, Number and Per Cent, Oklahoma, 1958

Time of Death	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total stillbirths	671	100.0	509	100.0	112	100.0	50	100.0
Before labor	366	54.5	282	55.4	59	52.7	25	50.0
During labor	151	22.5	110	21.6	25	22.3	16	32.0
Not stated	154	23.0	117	23.0	28	25.0	9	18.0

TOTAL DEATHS

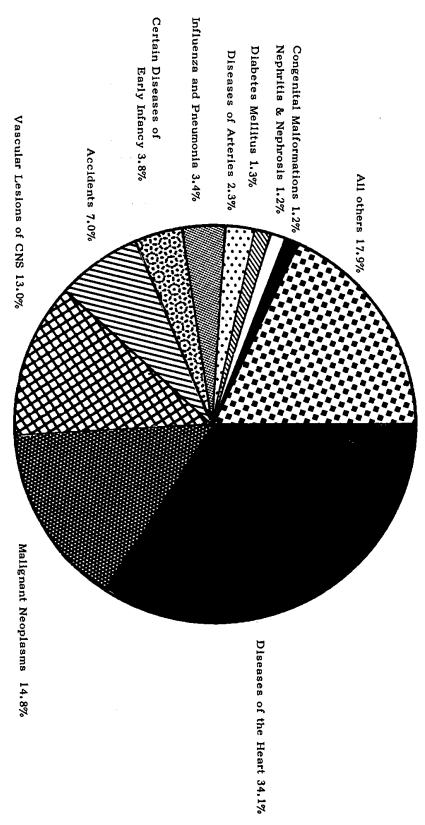
The resident crude death rate for Oklahoma was 9.5 per 1,000 estimated population, representing a small increase from the rate of 9.4 in 1957. The white rate was 9.3, the same as in 1957, and the rates for the other racial groups varied slightly -- the Negro rate down from 11.3 to 11.1, and the Indian rate up from 10.9 to 11.0. These rates and the figures on which they are based may be found in Tables I and II in the Appendix, together with data for important causes of death.

LEADING CAUSES OF DEATH

The leading causes of death for Oklahomans in 1958 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, 1958

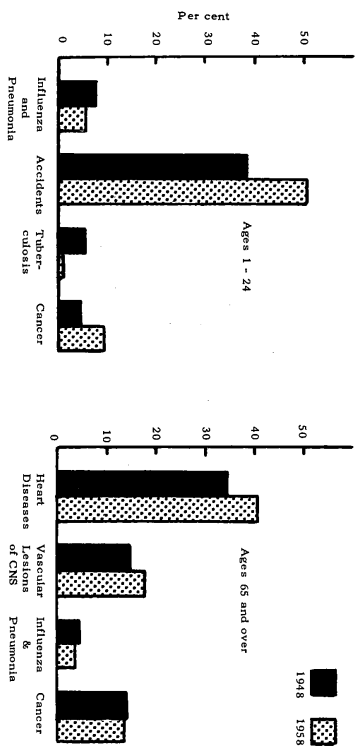


More than a third of the total deaths occurring during 1958 were attributed to some type of heart disease, making it to rank number one as a leading cause of death. As in past years, malignant neoplasms, vascular lesions of the central nervous system, and accidents, in that order, were the next three numerically most important causes and combined they represented about 35 per cent of the total deaths from all causes. These along with the other leading causes for the general population are shown above in Chart 3.

Since age and cause of death are closely related, study of the leading causes of death for each age group is an important factor in determining health problems and needs. Table IV in the Appendix lists the numerically most important causes of death for each of seven broad age groups for the year 1958. Comparisons of the leading causes of death for the year 1948 in the population under 25 and the population 65 and over with the same causes in 1958 are shown in graphic form on Chart 4 -- since the deaths that occur during the first year of life constitute such a large proportion of the deaths under 25 years of age and since the problems of this age group are in general peculiar to that age group alone, deaths under one year of age have been excluded from the figures used for this chart. Vital statistics relating to the population under one year of age will be discussed separately in this bulletin.



Chart 4  
Important Causes of Death, Ages 1-24 and 65 and Over  
Oklahoma, 1948 and 1958



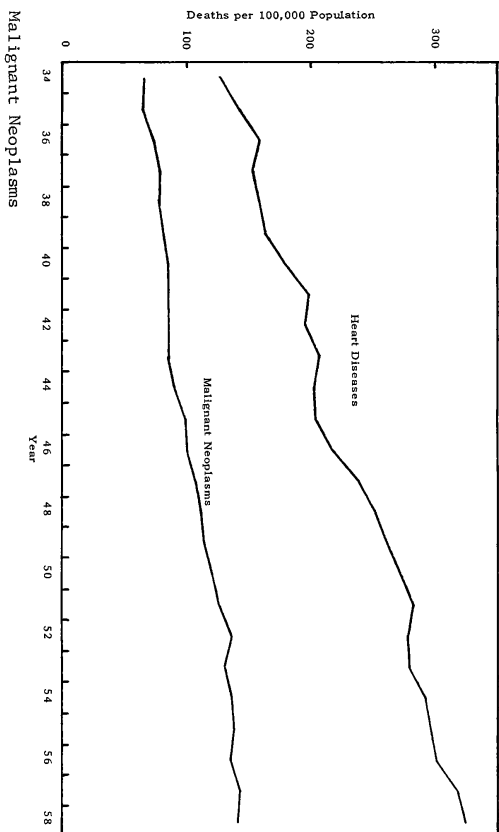
Heart Disease

Heart diseases, the leading cause of death for the three major racial groups and all age groups above 45, accounted for 7,445 deaths during 1958. The rate of 323.8 deaths per 100,000 estimated population was the highest on record and was better than three times what it was in 1930 -- the adjusted number and rate for that year were 2,424 and 101.2. Chart 5 shows the rapidly increasing death rates over the past twenty-five years. The rate for heart disease deaths among the white racial group, 328.6, exceeded both the Negro and Indian rates, 287.9 and 241.8, respectively. Age was an important factor in heart disease; 45.1 per cent of the heart disease deaths during 1958 were in persons 75 and over and another 28.3 per cent were in persons ages 65-74. The 5,467 heart disease deaths of persons 65 years of age and over represented 40.4 per cent of the total deaths in that age group. Men were more frequently victims of heart disease than women as evidenced by the 4,578 male victims compared to 2,867 female.

A larger number of heart disease deaths were attributed to arteriosclerotic and degenerative heart disease, 80.3 per cent of the total number. Hypertension with heart disease and chronic rheumatic heart disease accounted for 9.6 and 2.3 per cent of the deaths, respectively. Other diseases of the heart were responsible for 7.8 per cent.

This category does not include congenital heart conditions, which accounted for 108 deaths in 1958. These deaths were included among the congenital malformations. Furthermore, it does not include acute rheumatic fever, to which 9 deaths were attributed in 1958, 6 of them with mention of heart involvement.

Chart 5  
Death Rates from Heart Diseases and Malignant Neoplasms  
Oklahoma, 1934-1958



The death rate from malignant neoplasms has continued to fall below the heart disease death rate and has increased at a slower rate. Deaths from this disease numbered 3,223 in 1958 and accounted for 14.8 per cent of the total deaths. Chart 5, above, compares the increase in death rates from cancer with those from heart diseases for the last twenty-five years.

The respiratory system (trachea, bronchus, or lung) was specified as the primary site of malignancy in 13.0 per cent of the cancer deaths. This was the most frequently reported primary site for the total population and among the male population; in fact, for 21.0 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 234 of the cancer deaths among females specifying this to be the primary site. The breast was reported as the primary lesion in one male death, also. The next most frequently reported primary site for cancer causing death among the total population was the intestines, as specified on 296, or 9.2 per cent of the cancer deaths. The female outnumbered the male, 171 to 125.

Cancer of the uterus was specified as primary in 203 of the female cancer deaths, with 105 of these described as cancer of the cervix uteri. The uterus was the second most frequently reported primary site among females. Cancer of the breast and uterus together accounted for 28.8 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 218, or

12.8 per cent of the male cancer deaths. Table 9, below, gives a breakdown of the cancer deaths according to primary site for each sex.

The death rate for all malignant neoplasms was higher among the white population, 142.1 per 100,000 population, than among the Negro or Indian population, 121.6 and 120.9, respectively. This relationship varied, however, for the death rates for malignant neoplasms of specific sites. Reference is made to Table I in the Appendix.

Table 9  
Resident Deaths from Malignant Neoplasms, by Primary Site,  
by Sex, Oklahoma, 1958

Site	Male	Female
Total, all sites	1,707	1,516
Malignant neoplasms of:		
Buccal cavity and pharynx	45	17
Esophagus	19	3
Stomach	173	94
Intestine, except rectum	125	171
Rectum	55	46
Larynx	22	4
Trachea, bronchus, and lung not secondary	358	62
Breast	1	234
Cervix uteri	-	105
Other and unspecified parts of uterus	218	98
Prostate	39	-
Skin	23	32
Bone and connective tissue	447	31
Other and unspecified sites	109	480
Leukemia and aleukemia		75
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic tissues	73	64

#### Vascular Lesions of the Central Nervous System

The third leading cause of death in Oklahoma was vascular lesions of the central nervous system, accounting for 13.0 per cent of the deaths during 1958. Somewhat like cancer and heart disease, vascular lesions of the central nervous system as a cause of death has been on the increase through the rate of increase has been a little less rapid. In 1938, the adjusted death rate for this cause was 76.7 per 100,000 estimated population. In 1948, it had increased to 93.6, and the 1958 rate was 123.6. The rate for this cause of death among the Negro

population in 1958 was 144.2 as compared to 122.9 for the white population and 93.0 for the Indian.

#### Accidents

Accidents 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 1958. A total of 1,515 residents of the State died from injuries sustained in some type of accident. Almost half of these fatalities, 45.9 per cent, were due to motor-vehicle accidents. Falls was the next type of accident causing the most deaths, accounting for 225. Fires and explosions of combustible materials caused the death of 155 persons.

Since the prevention of accidents is a major problem in itself and requires specific data as to when, where, how, and to whom accidents occur, more detailed information pertaining to the deaths that resulted from accidents occurring in Oklahoma will be published in Part III of Public Health Statistics.

#### Certain Diseases of Early Infancy

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. All of the 837 victims of these conditions died at less than one year of age. Further discussion of these deaths is deferred to the section on Infant Deaths.

#### Influenza and Pneumonia

The combined death rate for influenza and pneumonia has dropped considerably from the rate of 135.1 deaths per 100,000 population in 1928 (the first year for which figures are available) to the rate of 32.4 in 1958. As a group, the two diseases ranked sixth as a leading cause of death, accounting for a total of 746 deaths in 1958.

The influenza-pneumonia death rates for the racial groups varied. In fact, for the Indian population, the death rate was almost three times that for the white population, the rates being 80.0 and 30.1, respectively. The Negro rate was 47.2 per 100,000 population.

#### Diseases of the Arteries

Another group of diseases particularly common in older people is diseases of the arteries. It ranked seventh as a leading cause of death in 1958 for the total population, but was not a leading cause in any age group under 65. This group of diseases caused 461 deaths in persons 65 and over, 3.4 per cent of the total deaths in that age group. Rates for the white and Negro populations of all ages were higher than for the Indian, 22.8, 19.5, and 1.9, respectively.

#### Diabetes Mellitus

The death rate from diabetes mellitus for 1958 was 12.0 per 100,000 population, a decrease from the 1957 rate of 13.8. This rate for 1958, which was the same as 1956, was the lowest recorded since 1948 when a rate of 11.7 was observed. Rates for the Negro and Indian groups have been consistently higher than the white

rates, and the 1958 rates also showed this fact with rates of 11.5 for the white population, 14.5 for the Negro and 24.2 for the Indian.

**Nephritis and Nephrosis**

Next in rank as a cause of death was nephritis and nephrosis, occurring at a rate of 11.7 per 100,000 population. The Negro rate of 34.0 was considerably higher than either the white rate of 9.9 or the Indian rate of 18.6 making it the seventh leading cause of death for the Negro population. Male deaths, 142, exceeded the female, 128. A larger number of these deaths were among older people; 43.7 per cent were 75 and over and 20.0 per cent were between the ages 65-74.

**Congenital Malformations**

The Intermediate List of 150 Causes provides three categories for congenital malformations, as may be seen in Table I in the Appendix. For the first of these groups, spina bifida and meningocele, 17 of the 20 assigned deaths occurred at less than one year of age. The second category, congenital malformations of the circulatory system, included 116 deaths, with 92 at under one year. For the third category, all other congenital malformations, 88 of the 117 deaths occurred during the first year of life. Further discussion will be included in the section on Infant Deaths.

**Other Important Causes of Death**

The tuberculosis death rate has shown an 86 per cent decrease over the past 20 year period, from an average rate of 51.8 in 1936-1938 to 7.4 in 1956-1958. It was in fourteenth position as a leading cause of death in 1958 for the general population but was in seventh position for the Indian population, accounting for 27 deaths, a rate of 50.2 per 100,000 population. Males accounted for 114 of the 164 total deaths for the general population, however, among the Indians the female deaths outnumbered the male, 17 to 10.

Suicide was an important cause of death among the general population accounting for 205 deaths in 1958, thus falling in eleventh position among the leading causes. The white suicide rate, 9.4, was high in comparison to the 2.5 for the Negroes and 7.4 for Indians.

Hypertension without mention of heart was designated as being responsible for 198 deaths representing a rate of 8.6. The rates among the racial groups differed somewhat, being 7.8 for the white, 18.9 for the Negro, and 9.3 for the Indian. All but 10 of the 198 deaths in the category were at ages 45 and over.

**COMMUNICABLE DISEASES**

The mortality rates from acute communicable diseases have followed a downward trend for the past several years. Although the numbers of these deaths are now relatively small, they constantly represent a potential threat to the public health which demands the attention of those concerned with both preventive and curative medicine.

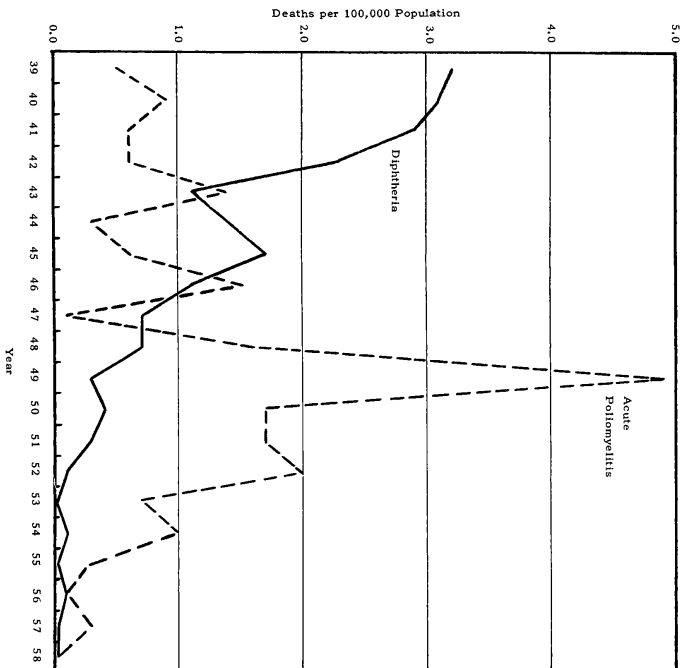
Typhoid fever was reported responsible for one death during 1958 and paratyphoid for none. Dysentery, all forms, accounted for 3 deaths of which 2 were attributed to bacillary form of the disease and one to amebic dysentery.

Whooping cough accounted for 3 deaths during the year. The number for whooping cough was the lowest that has been recorded for any previous year. Diphtheria was responsible for no deaths in 1958 as compared with one death for 1957. This was the first time since 1953 that no deaths were attributed to the disease.

Acute poliomyelitis caused no deaths in 1958, thus being the first year on record that this disease had caused no deaths in the State. The previous year, 1957, 6 deaths were reported.

Infectious hepatitis and infectious encephalitis deaths remained at about the same levels for recent years. Deaths from the first mentioned disease numbered 8 in 1958, compared with 15, 13, 10, 9, 13, and 6 for the years 1957 back to 1952. The latter condition caused 11 deaths, compared with 5, 2, 6, 10, 4, and 3. Also included in deaths from communicable diseases are: late effects of poliomyelitis, 3; tetanus, 5; septicemia and pyemia, 21; malaria, 2; measles, 6. The numbers of deaths from other communicable diseases may be found in Table I in the Appendix.

Chart 6  
Death Rates from Acute Poliomyelitis and Diphtheria  
Oklahoma, 1939-1958



MATERNAL DEATHS

The maternal death rate dropped to an all-time low of 3.6 per 10,000 live births in 1958, compared to 4.9 in the previous year and 3.7 in 1956. The rate for the white racial group was considerably lower than that for the Negro and Indian. The death rates were 3.0 for the white group, 6.5 for the Negro, and 9.0 for the Indian as compared to corresponding rates of 3.6, 15.3, and 9.3 in 1957.

More maternal deaths occurred in the older age groups than among the younger mothers. During 1958, only 21.6 per cent of the births to residents of Oklahoma were to mothers who were 30 or more years of age; yet, two-thirds of the maternal

Table 10  
Maternal Deaths by Cause, by Race, Number and Rate\*,  
Oklahoma, 1958

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All maternal causes . . . . .	18	3.6	13	3.0	3	6.5	2	9.0
Sepsis of pregnancy (640, 641) . . . . .	-	-	-	-	-	-	-	-
Toxemias of pregnancy (642) . . . . .	3	0.6	1	0.2	2	4.4	-	-
Hemorrhage of pregnancy (643, 644) . . . . .	-	-	-	-	-	-	-	-
Ecopic pregnancy without mention of sepsis (645.0) . . . . .	1	0.2	1	0.2	-	-	-	-
Ecopic pregnancy with mention of sepsis (645.1) . . . . .	-	-	-	-	-	-	-	-
Other complications of pregnancy (646-649) . . . . .	1	0.2	-	-	1	2.2	-	-
Abortion without mention of sepsis or toxemia (650) . . . . .	-	-	-	-	-	-	-	-
Abortion with mention of sepsis (651) . . . . .	2	0.4	2	0.5	-	-	-	-
Abortion with toxemia, without mention of sepsis (652) . . . . .	2	0.4	2	0.5	-	-	-	-
Delivery without specified complications (660) . . . . .	-	-	-	-	-	-	-	-
Hemorrhage of childbirth and the puerperium (681, 682, 684) . . . . .	1	0.2	1	0.2	-	-	-	-
Toxemias of the puerperium (685, 686) . . . . .	1	0.2	1	0.2	-	-	-	-
Other complications of childbirth and the puerperium (673-680, 683, 687-689) . . . . .	5	1.0	4	0.9	-	-	1	4.5

\* Number per 10,000 live births.

deaths were among women 30 or over. The 1958 maternal deaths are distributed by cause and age in Table 11.

Table 11  
Maternal Deaths, by Cause, by Age,  
Oklahoma, 1958

Cause of Death	Total	Age						
		15-19	20-24	25-29	30-34	35-44	45+	
All maternal causes . . . . .	18	-	1	2	3	6	5	1
Sepsis of pregnancy, childbirth and the puerperium . . . . .	1	-	-	-	1	-	-	-
Toxemias of pregnancy and the puerperium . . . . .	6	-	-	-	1	1	3	1
Hemorrhage of pregnancy and childbirth . . . . .	2	-	-	2	-	-	-	-
Abortion without mention of sepsis or toxemia . . . . .	-	-	-	-	-	-	-	-
Abortion with sepsis . . . . .	2	-	-	-	-	2	-	-
Other complications of pregnancy, childbirth, and puerperium . . . . .	7	-	1	-	1	3	2	-

INFANT DEATHS

Although the infant death rate in 1958, 27.2, was less than half what it was twenty-five years ago, 56.4 in 1933, the deaths of babies under one year of age accounted for 6.3 per cent of the total deaths during the year 1958. The white infant death rate was low in comparison to the rates of 50.0 and 40.3 for the Negro and Indian racial groups.

Table 12 on the following page shows the infant death rates for each racial group according to cause. Immaturity when selected as the underlying cause of death, was the leading cause of death for the infants under one year of age, accounting for 288, or 21.0 per cent, of the infant deaths. Immaturity was also the leading cause among the white and Negro racial groups; whereas, pneumonia was the leading cause among the Indian population.

Following immaturity in importance was the cause postnatal asphyxia and atelectasis with 209 deaths. These included 176 white, 26 Negro, and 7 Indian. Congenital malformations was responsible for 197 deaths of all races, thus being third as a leading cause of death among those persons under one year of age.

Although it is not the usual procedure to include residual groups in the leading causes, the other certain diseases of early infancy group did show an increase over previous years. This is partly due to a change in coding procedure which became effective January 1, 1958.

Accidental deaths among infants yielded a rate of 1.3 per 1,000 live births representing an increase from the 1.0 recorded for 1957. The rates among the race groups varied showing rates of 1.2 for the white, 2.0 for the Negro, and 2.3 for the Indian.

Table 12  
Deaths Under One Year, by Cause, by Race,  
Number and Rate\*, Oklahoma, 1958

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Infant deaths, all causes . . . . .	1373	27.2	1055	24.1	229	50.0	89	40.3
Syphilis and its sequelae (020-029)	1	0.0	-	-	1	0.2	-	-
Whooping cough (056) . . . . .	3	0.1	1	0.0	2	0.4	-	-
Other infective and parasitic diseases (001-019, 030-055, 057-138)	16	0.3	10	0.2	5	1.1	1	0.5
Pneumonia (490-493, 763) . . . . .	133	2.6	74	1.7	38	8.3	21	9.5
Other diseases of the respiratory system (470-475, 480-483, 500-527)	30	0.6	20	0.5	7	1.5	3	1.4
Gastro-enteritis and colitis (571, 572, 764) . . . . .	35	0.7	22	0.5	9	2.0	4	1.8
Other diseases of the digestive system (530-570, 573-587) . . . . .	21	0.4	21	0.5	-	-	-	-
Congenital malformations (750-759) . . . . .	197	3.9	173	4.0	13	2.8	11	5.0
Injury at birth (760-761) . . . . .	110	2.2	93	2.1	13	2.8	4	1.8
Postnatal asphyxia and atelectasis (762) . . . . .	209	4.1	176	4.0	26	5.7	7	3.2
Hemolytic disease of newborn (erythroblastosis) (770) . . . . .	26	0.5	23	0.5	1	0.2	2	0.9
Immaturity (774, 776) . . . . .	288	5.7	229	5.2	46	10.0	13	5.9
Other certain diseases of early infancy (765-769, 771-773) . . . . .	152	3.0	108	2.5	35	7.6	9	4.1
Accidents (E800-E962) . . . . .	65	1.3	51	1.2	9	2.0	5	2.3
Other defined causes . . . . .	37	0.7	25	0.6	8	1.7	4	1.8
Symptoms and ill-defined conditions (780-793, 795) . . . . .	50	1.0	29	0.7	16	3.5	5	2.3

\* Number per 1,000 live births

Deaths of Infants Under One Month of Age

The neonatal death rate has not decreased as rapidly as the total infant death rate during the past twenty-five years. The rate for 1958, 19.9, was a little more than two-thirds what it was in 1933, 29.5.

Almost three-fourths, 73.4 per cent, of the infant deaths were of babies less than 28 days of age. The Negro neonatal death rate, 33.6 per 1,000 live births, was again higher than the comparable rates for the white and Indian groups, 18.4 and 21.3, respectively.

Because neonatal deaths form such a large part of infant deaths, causes of neonatal deaths are given in Table 13 for the same categories used in Table 12. Numbers and rates by race are included. The causes accounting for the most deaths were immaturity, with 284 deaths, and postnatal asphyxia and atelectasis with 202 deaths.

Table 13  
Deaths Under One Month by Cause, by Race, Number and Rate\*,  
Oklahoma, 1958

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Neonatal deaths, all causes . . . . .	1008	19.9	807	18.4	154	33.6	47	21.3
Syphilis and its sequelae (020-029)	1	0.0	-	-	1	0.2	-	-
Whooping cough (056) . . . . .	-	-	-	-	-	-	-	-
Other infective and parasitic diseases (001-019, 030-055, 057-138)	5	0.1	2	0.0	3	0.7	-	-
Pneumonia (490-493, 763) . . . . .	47	0.9	27	0.6	15	3.3	5	2.3
Other diseases of the respiratory system (470-475, 480-483, 500-527)	3	0.1	2	0.0	1	0.2	-	-
Gastro-enteritis and colitis (571, 572, 764) . . . . .	5	0.1	2	0.0	1	0.2	2	0.9
Other diseases of the digestive system (530-570, 573-587) . . . . .	15	0.3	15	0.3	-	-	-	-
Congenital malformations (750-759) . . . . .	133	2.6	121	2.8	7	1.5	5	2.3
Injury at birth (760-761) . . . . .	110	2.2	93	2.1	13	2.8	4	1.8
Postnatal asphyxia and atelectasis (762) . . . . .	202	4.0	172	3.9	24	5.2	6	2.7
Hemolytic disease of newborn (erythroblastosis) (770) . . . . .	25	0.5	22	0.5	1	0.2	2	0.9
Immaturity (774, 776) . . . . .	284	5.6	227	5.2	45	9.8	12	5.4
Other certain diseases of early infancy (765-769, 771-773) . . . . .	145	2.9	106	2.4	33	7.2	6	2.7
Accidents (E800-E962) . . . . .	7	0.1	4	0.1	1	0.2	2	0.9
Other defined causes . . . . .	6	0.1	5	0.1	-	-	1	0.5
Symptoms and ill-defined conditions (780-793, 795) . . . . .	20	0.4	9	0.2	9	2.0	2	0.9

\* Number per 1,000 live births

The age at which the neonatal deaths occurred is shown in Table 14. During the first week of life, 88.4, or 87.7 per cent of the neonatal deaths occurred. This number amounted to 64.4 per cent of all infant deaths. During the first day

of 11fe 533 deaths occurred, comprising 52.9 per cent of the neonatal deaths, and 38.8 per cent of all infant deaths. The number of deaths per day of 11fe generally fell off as the age increased.

Table 14

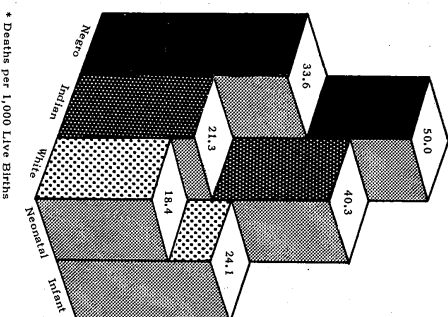
Deaths Under One Month, by Cause, by Age,  
Oklahoma, 1958

Cause of Death	Age in Days										
	Under 1	1	2	3	4	5	6	7-13	14-20	21-27	
Neonatal deaths, all causes . . .	533	159	87	43	30	24	8	60	38	26	
Syphilis and its sequelae . . .	1	-	-	-	-	-	-	-	-	-	
Whooping cough . . . . .	-	-	-	-	-	-	-	-	-	-	
Other infective and parasitic diseases . . . . .	-	-	-	-	-	-	-	-	-	-	
Pneumonia . . . . .	8	3	2	4	2	4	1	12	7	4	
Other diseases of the respiratory system . . . . .	2	-	-	-	-	-	-	-	-	1	
Gastro-enteritis and colitis . . . . .	-	-	-	-	-	-	-	3	-	2	
Other diseases of the digestive system . . . . .	5	1	1	1	-	1	-	3	2	1	
Congenital malformations . . . . .	53	18	8	14	7	1	2	11	11	8	
Injury at birth . . . . .	68	15	11	5	4	2	-	2	2	1	
Postnatal asphyxia and atelectasis . . . . .	114	35	31	4	4	3	-	8	3	-	
Hemolytic disease of newborn (erythroblastosis) . . . . .	13	5	1	1	1	2	1	1	-	-	
Immaturity . . . . .	187	43	21	6	5	5	1	10	3	3	
Other certain diseases of early infancy . . . . .	74	35	10	4	5	4	2	4	6	1	
Accidents . . . . .	-	-	1	1	-	1	-	1	1	2	
Other defined causes . . . . .	3	-	-	1	-	-	-	-	-	1	
Symptoms and ill-defined conditions . . . . .	5	4	-	2	-	1	-	3	3	2	

Distribution by age varied decidedly among the causes, mortality from pneumonia and congenital malformations, for instance, declining much more slowly with age than that from immaturity and injury at birth. Accidents, though of much less relative importance as a cause of neonatal death than the causes just mentioned, accounted for 7 deaths at less than 28 days.

The differences in the neonatal and infant death rates for the racial groups are shown in Chart 7 on the next page.

Chart 7  
Neonatal and Infant Mortality Rates\*, by Race  
Oklahoma, 1958



\* Deaths per 1,000 Live Births

Deaths of Infants One through Eleven Months of Age

Table 15 shows the deaths of infants from one through 11 months of age by age at death. The number of deaths in this group decreased from 373 in 1957 to 365 in 1958. A decrease has usually been observed in deaths in this classification from one year to the next, although since 1947 this decrease has been very slow.

Pneumonia was the most important cause of death here, as has generally been the case. Other leading causes were congenital malformations, accidents, and gastro-enteritis and colitis. Immaturity having caused 284 neonatal deaths, was reported as being responsible for only 4 deaths in infants from one through 11 months of age. Injury at birth was responsible for no deaths among persons 28 days or over.

The difference between the racial groups in percentage of infant deaths which occurred in this age group was pronounced. The percentage for the white group was 23.5; for the Negro, 32.8; and for the Indian, 47.2.

Table 15  
Deaths at One through Eleven Months of Age,  
by Cause, by Age, Oklahoma, 1958

Cause of Death	Age in Months									
	1-11	1	2	3	4	5	6	7	8-9	10-11
Infant deaths, all causes . . .	365	88	63	44	35	30	21	21	39	24
Syphilis and its sequelae . . .	-	-	-	-	-	-	-	-	-	-
Whooping cough . . . . .	3	3	-	-	-	-	-	-	-	-
Other infective and parasitic diseases . . . . .	11	1	-	-	2	1	1	-	3	3
Pneumonia . . . . .	86	16	14	8	13	7	4	6	13	5
Other diseases of the respiratory system . . . . .	27	6	7	2	1	2	3	2	3	1
Gastro-enteritis and colitis . .	30	4	5	4	4	2	2	3	3	3
Other diseases of the digestive system . . . . .	6	1	4	-	-	-	1	-	-	-
Congenital malformations . . . .	64	20	10	10	4	4	-	3	7	6
Injury at birth . . . . .	-	-	-	-	-	-	-	-	-	-
Postnatal asphyxia and atelectasis . . . . .	7	1	3	1	-	-	1	-	1	-
Hemolytic disease of newborn (erythroblastosis) . . . . .	1	-	-	1	-	-	-	-	-	-
Immaturity . . . . .	4	1	1	1	-	-	1	-	-	-
Other certain diseases of early infancy . . . . .	7	4	1	1	1	-	-	-	-	1
Accidents . . . . .	58	14	9	8	7	8	2	3	5	2
Other defined causes . . . . .	31	9	3	3	2	1	4	3	3	3
Symptoms and ill-defined conditions . . . . .	30	8	6	5	2	5	2	1	1	-

PERINATAL MORTALITY

The 671 fetal deaths combined with the 1,008 neonatal deaths rendered a rate of 33.2 per 1,000 total live births exceeding the rate of 30.7 recorded in 1957 and 29.8 in 1956. Fetal and neonatal mortality rates for the three-year period, 1956-1958, varied for the racial groups as shown in the chart on the following page.

Most of the fetal deaths, 93.4 per cent, were attended by physicians in hospitals. Physicians attended another 5.2 per cent which were reported to have occurred outside hospitals. Only 1.4 per cent of the fetal deaths were attended by midwife, other and unknown persons.

Chart 8  
Fetal and Perinatal\* Mortality Rates, by Race  
Oklahoma, 1956-1958

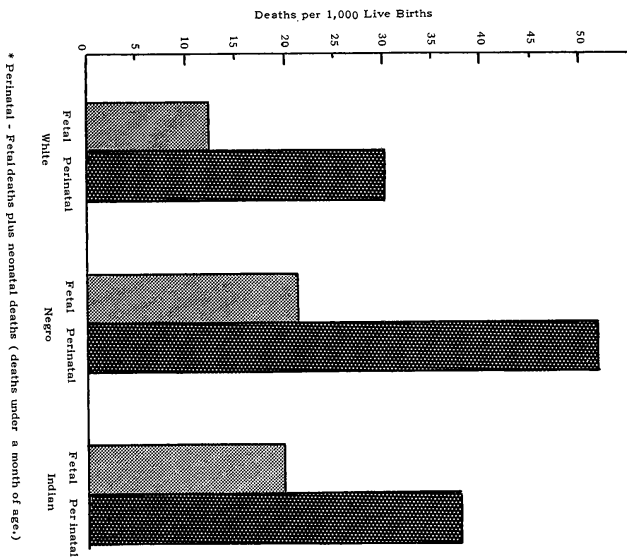






TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1935-1952  
 Figures in Parentheses Refer to Fifth Revision of International List of Causes of Death  
 (Continued)

Estimated population, July 1	1940		1941		1942		1943		1944	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live births*	17,740	19.0	18,313	19.5	18,925	19.6	17,800	20.8	16,895	20.5
Physician not in hospital	11,710	12.9	12,099	12.9	12,812	13.6	12,180	13.7	11,560	13.5
Physician in hospital	5,216	5.7	5,214	5.6	5,213	5.5	5,214	5.6	5,214	5.6
Midwife, other, or unknown	1,302	1.4	1,302	1.4	1,302	1.4	1,302	1.4	1,302	1.4
Skilled midwife	1,298	1.4	1,298	1.4	1,298	1.4	1,298	1.4	1,298	1.4
Unskilled midwife	4	0.0	4	0.0	4	0.0	4	0.0	4	0.0
Physician not in hospital	661	0.7	661	0.7	661	0.7	661	0.7	661	0.7
Midwife, other, or unknown	54	0.1	54	0.1	54	0.1	54	0.1	54	0.1
Deaths under 1 year**	20,618	22.6	20,097	21.3	18,985	20.2	17,796	20.6	16,895	20.5
Deaths under 1 month††	504	0.5	504	0.5	504	0.5	504	0.5	504	0.5
Deaths under 1 week†††	1,901	2.1	1,901	2.1	1,901	2.1	1,901	2.1	1,901	2.1
Unlabeled fever (5)	2,356	2.6	2,356	2.6	2,356	2.6	2,356	2.6	2,356	2.6
Unlabeled fever (6)	56	0.1	56	0.1	56	0.1	56	0.1	56	0.1
Meningococcus meningitis (6)	12	0.0	12	0.0	12	0.0	12	0.0	12	0.0
Scarlet fever (9)	7	0.0	7	0.0	7	0.0	7	0.0	7	0.0
Whooping cough (9)	127	1.4	127	1.4	127	1.4	127	1.4	127	1.4
Measles (10)	73	0.8	73	0.8	73	0.8	73	0.8	73	0.8
Diphtheria (12)	26	0.0	26	0.0	26	0.0	26	0.0	26	0.0
Tuberculosis, all forms (13-22)	1,053	1.1	1,053	1.1	1,053	1.1	1,053	1.1	1,053	1.1
Respiratory system (13)	972	1.1	972	1.1	972	1.1	972	1.1	972	1.1
Non-tuberculous (13)	86	0.0	86	0.0	86	0.0	86	0.0	86	0.0
Diaphragm (27)	73	0.8	73	0.8	73	0.8	73	0.8	73	0.8
Diaphragm (28)	22	0.0	22	0.0	22	0.0	22	0.0	22	0.0
Heart (28)	22	0.0	22	0.0	22	0.0	22	0.0	22	0.0
Synpnea (30)	225	2.5	225	2.5	225	2.5	225	2.5	225	2.5
Influenza (33)	509	5.6	511	5.5	512	5.4	512	5.4	512	5.4
Measles (34)	5	0.0	5	0.0	5	0.0	5	0.0	5	0.0
Scarlet fever (9)	3	0.0	3	0.0	3	0.0	3	0.0	3	0.0
Acute infectious encephalitis (37)	20	0.2	20	0.2	20	0.2	20	0.2	20	0.2
Acute infectious encephalitis (38)	12	0.1	12	0.1	12	0.1	12	0.1	12	0.1
Rocky Mountain spotted fever (39)	2	0.0	2	0.0	2	0.0	2	0.0	2	0.0
Other infectious and parasitic diseases	394, 395, 396, 400-444	4.3	394, 395, 396, 400-444	4.3	394, 395, 396, 400-444	4.3	394, 395, 396, 400-444	4.3	394, 395, 396, 400-444	4.3
Cancer (45-55)	92	1.0	92	1.0	92	1.0	92	1.0	92	1.0
Stomach (45-55)	92	1.0	92	1.0	92	1.0	92	1.0	92	1.0
Other tumors (56-57)	92	1.0	92	1.0	92	1.0	92	1.0	92	1.0
Acute rheumatic fever (58)	31	0.3	31	0.3	31	0.3	31	0.3	31	0.3
Chorea (59)	58	0.6	58	0.6	58	0.6	58	0.6	58	0.6
Diabetes mellitus (61)	32	0.4	32	0.4	32	0.4	32	0.4	32	0.4
Other diseases of the circulatory system	82	0.9	82	0.9	82	0.9	82	0.9	82	0.9
Other diseases of nutrition, endocrine glands, and vitamines (69, 62-69)	70	0.8	70	0.8	70	0.8	70	0.8	70	0.8
Diseases of the blood and blood forming organs (72-76)	122	1.4	122	1.4	122	1.4	122	1.4	122	1.4
Orbital hemorrhages, embolism, thrombosis, cerebral hemorrhages, embolism, thrombosis, softening (83)	140	1.6	140	1.6	140	1.6	140	1.6	140	1.6
Other diseases of nervous system and senses (80-82, 84-89)	1,892	21.0	1,892	21.0	1,892	21.0	1,892	21.0	1,892	21.0
Diseases of the heart (90-95)	375	4.2	375	4.2	375	4.2	375	4.2	375	4.2
Diseases of the arteries (96-99)	165.4	1.8	165.4	1.8	165.4	1.8	165.4	1.8	165.4	1.8
Other diseases of the circulatory system	311	3.5	311	3.5	311	3.5	311	3.5	311	3.5
Other diseases of the respiratory system	56	0.6	56	0.6	56	0.6	56	0.6	56	0.6
Pneumonia, all forms (107-109)	1,358	15.1	1,358	15.1	1,358	15.1	1,358	15.1	1,358	15.1
Other diseases of the respiratory system (110-105, 110-111)	209	2.3	209	2.3	209	2.3	209	2.3	209	2.3
Plummer and enteritis under 2 years (119)	9.0	0.1	9.0	0.1	9.0	0.1	9.0	0.1	9.0	0.1
Diarrhea and enteritis over 2 years (120)	231	2.6	231	2.6	231	2.6	231	2.6	231	2.6
Appendicitis (121)	302	3.4	302	3.4	302	3.4	302	3.4	302	3.4
Hernia, intestinal obstruction (122)	223	2.5	223	2.5	223	2.5	223	2.5	223	2.5
Other diseases of the liver (124)	119	1.4	119	1.4	119	1.4	119	1.4	119	1.4
Other diseases of the digestive system (125-118, 123, 125-129)	1,466	16.5	1,466	16.5	1,466	16.5	1,466	16.5	1,466	16.5
Other diseases of the genitourinary system (133-139)	265	3.0	265	3.0	265	3.0	265	3.0	265	3.0
Diseases of pregnancy, childbirth, and the puerperium (140-150)**	146	1.6	146	1.6	146	1.6	146	1.6	146	1.6
Septicemia (140, 146, 148)	56	0.6	56	0.6	56	0.6	56	0.6	56	0.6
Congenital malformations, diseases peculiar to fetal life (157-161)	1,277	14.4	1,277	14.4	1,277	14.4	1,277	14.4	1,277	14.4
Senility (162)	488	5.5	488	5.5	488	5.5	488	5.5	488	5.5
Stroke (163-164)	1,771	20.0	1,771	20.0	1,771	20.0	1,771	20.0	1,771	20.0
Motor-vehicle accidents (170)	474	5.4	474	5.4	474	5.4	474	5.4	474	5.4
Other accidents (169, 171-195)	869	9.9	869	9.9	869	9.9	869	9.9	869	9.9
Other defined causes (59, 151-156, 196-198)	50	0.6	50	0.6	50	0.6	50	0.6	50	0.6
Ill-defined and unknown (199, 200)	576	6.5	576	6.5	576	6.5	576	6.5	576	6.5

TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1935-1952  
 Figures in Parentheses Refer to Fifth Revision of International List of Causes of Death  
 (Continued)

Estimated population, July 1	1945		1946		1947		1948		1949	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live births*	13,105	19.0	13,105	19.0	13,105	19.0	13,105	19.0	13,105	19.0
Physician not in hospital	10,729	16.2	10,729	16.2	10,729	16.2	10,729	16.2	10,729	16.2
Physician in hospital	1,482	2.2	1,482	2.2	1,482	2.2	1,482	2.2	1,482	2.2
Midwife, other, or unknown	1,097	1.6	1,097	1.6	1,097	1.6	1,097	1.6	1,097	1.6
Skilled midwife	730	1.1	730	1.1	730	1.1	730	1.1	730	1.1
Unskilled midwife	367	0.5	367	0.5	367	0.5	367	0.5	367	0.5
Physician not in hospital	28	0.0	28	0.0	28	0.0	28	0.0	28	0.0
Midwife, other, or unknown	18,721	28.2	18,721	28.2	18,721	28.2	18,721	28.2	18,721	28.2
Deaths under 1 year**	11,000	16.7	11,000	16.7	11,000	16.7	11,000	16.7	11,000	16.7
Deaths under 1 month††	1,100	1.7	1,100	1.7	1,100	1.7	1,100	1.7	1,100	1.7
Deaths under 1 week†††	1,100	1.7	1,100	1.7	1,100	1.7	1,100	1.7	1,100	1.7
Unlabeled fever (5)	1	0.0	1	0.0	1	0.0	1	0.0	1	0.0
Unlabeled fever (6)	25	0.4	25	0.4	25	0.4	25	0.4	25	0.4
Meningococcus meningitis (6)	7	0.0	7	0.0	7	0.0	7	0.0	7	0.0
Scarlet fever (9)	14	0.2	14	0.2	14	0.2	14	0.2	14	0.2
Whooping cough (9)	25	0.4	25	0.4	25	0.4	25	0.4	25	0.4
Measles (10)	147	2.2	147	2.2	147	2.2	147	2.2	147	2.2
Diphtheria (12)	5	0.0	5	0.0	5	0.0	5	0.0	5	0.0
Tuberculosis, all forms (13-22)	883	13.4	883	13.4	883	13.4	883	13.4	883	13.4
Respiratory system (13)	770	11.6	770	11.6	770	11.6	770	11.6	770	11.6
Non-tuberculous (13)	65	1.0	65	1.0	65	1.0	65	1.0	65	1.0
Typhoid fever (28)	53	0.8	53	0.8	53	0.8	53	0.8	53	0.8
Non-tuberculous (28)	13	0.2	13	0.2	13	0.2	13	0.2	13	0.2
Diaphragm (27)	173	2.6	173	2.6	173	2.6	173	2.6	173	2.6
Diaphragm (28)	225	3.4	225	3.4	225	3.4	225	3.4	225	3.4
Synpnea (30)	225	3.4	225	3.4	225	3.4	225	3.4	225	3.4
Influenza (33)	225	3.4	225	3.4	225	3.4	225	3.4	225	3.4
Measles (34)	4	0.0	4	0.0	4	0.0	4	0.0	4	0.0
Scarlet fever (9)	31	0.5	31	0.5	31	0.5	31	0.5	31	0.5
Acute infectious encephalitis (37)	13	0.2	13	0.2	13	0.2	13	0.2	13	0.2
Acute infectious encephalitis (38)	4	0.0	4	0.0	4	0.0	4	0.0	4	0.0
Rocky Mountain spotted fever (39)	9	0.1	9	0.1	9	0.1	9	0.1	9	0.1
Other infectious and parasitic diseases	60	0.9	60	0.9	60	0.9	60	0.9	60	0.9
Cancer (45-55)	2,222	34.2	2,222	34.2	2,222	34.2	2,222	34.2	2,222	34.2
Stomach (45-55)	122	1.8	122	1.8	122	1.8	122	1.8	122	1.8
Other tumors (56-57)	17	0.3	17	0.3	17	0.3	17	0.3	17	0.3
Acute rheumatic fever (58)	36	0.5	36	0.5	36	0.5	36	0.5	36	0.5
Chorea (59)	29	0.4	29	0.4	29	0.4	29	0.4	29	0.4
Diabetes mellitus (61)	62	1.0	62	1.0						

TABLE A. BIRTHS, DEATHS, AND DEATHS BY DEPARTMENT CAUSES, NUMBER AND RATE, OKLAHOMA, 1935-1958  
 Figures in Parentheses Refer to Sixth Revision of International List of Causes of Death

Estimated population, July 1	1969		1950		1951		1952		1953	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live births*	49,971	22.3	50,472	22.6	50,597	22.6	50,146	22.4	46,633	22.9
Physician in hospital	41,078	...	42,543	...	43,974	...	44,796	...	46,633	...
Physician not in hospital	8,893	...	7,929	...	6,623	...	5,350	...	1,000	...
Midwife, other, or unknown	1,386	...	1,362	...	1,160	...	1,076	...	1,075	...
Stillbirths*	860	17.2	825	16.3	764	15.1	767	15.3	817	15.9
Physician in hospital	655	...	669	...	662	...	650	...	683	...
Physician not in hospital	167	...	124	...	82	...	98	...	110	...
Total deaths, all causes*	19,346	8.6	19,431	8.7	20,082	9.0	19,465	8.7	19,820	9.1
Deaths under 1 year*	1,529	30.6	1,509	29.9	1,560	30.8	1,441	28.7	1,466	28.6
Deaths under 1 month*	1,690	21.8	1,677	20.9	1,220	22.1	1,033	20.6	1,025	20.0
Infant mortality rate (per 1,000-008)	490	21.9	467	20.9	388	17.4	299	13.4	231	10.3
Neurological and respiratory system (001-008)	121	5.4	108	4.8	100	4.5	84	3.8	83	3.7
Syphilis and its sequelae (020-029)	121	5.4	108	4.8	100	4.5	84	3.8	83	3.7
Dysentery, all forms (045-048)	28	1.2	15	0.7	2	0.1	2	0.1	20	0.9
Serious fever and streptococcal sore throat	15	0.7	6	0.3	10	0.4	2	0.1	6	0.3
Diphtheria (055)	7	0.3	20	0.9	18	0.8	19	0.8	16	0.7
Hemiplegic cough (056)	109	4.9	12	0.5	38	1.7	45	2.0	16	0.7
Neurological infections (057)	109	4.9	12	0.5	38	1.7	45	2.0	16	0.7
Acute poliomyelitis (080)	30	1.3	1	0.0	25	1.1	3	0.1	16	0.7
Measles (085)	4	0.2	2	0.1	4	0.2	-	-	1	0.0
Scarlet fever and streptococcal diseases (100-108)	4	0.2	2	0.1	4	0.2	-	-	1	0.0
Malaria (110-117)	64	2.9	70	3.1	71	3.2	71	3.2	68	3.0
All other diseases classified in Infective and parasitic (030-079, 081, 082, 084, 049, 052-054, 059-074, 081-083, 086-095, 120-138)	2,558	114.1	2,682	120.1	2,483	122.2	2,046	103.0	2,919	131.4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (200-209)	104	4.6	85	3.8	80	3.6	63	2.8	80	3.8
Benign and unspecified neoplasms (210-239)	298	13.3	308	13.2	312	14.0	340	15.2	340	15.2
Amiasis (240)	60	2.7	62	2.8	73	3.3	39	2.6	64	2.6
Aneurysm (290-293)	2,197	98.0	2,246	100.6	2,536	113.5	2,272	101.2	2,465	110.2
Vascular disease affecting central nervous system (330-354)	34	1.5	28	1.3	18	0.8	43	1.9	11	0.5
Rheumatic fever (400-402)	22	1.0	19	0.9	22	1.0	200	8.9	157	7.0
Chronic rheumatic heart disease (410-416)	4,166	185.0	4,262	190.8	4,541	205.2	4,668	202.9	4,253	212.0
Atherosclerotic and degenerative heart disease (420-429)	113	5.1	113	5.1	921	41.2	850	38.0	782	35.0
Other diseases of heart (430-434)	43.3	1.9	43.3	1.9	43.3	1.9	43.3	1.9	43.3	1.9
Hypertension with heart disease (440-443)	252	9.9	221	9.9	198	8.9	183	8.2	202	9.0
Hypertension without mention of heart disease (444-447)	32	1.4	29	1.2	27	1.2	27	1.2	27	1.2
Pneumonia (490-493)	560	25.0	600	26.9	518	23.2	518	23.2	267	11.9
Bronchitis (500-502)	32	1.4	38	1.7	30	1.3	30	1.7	34	1.5
Ulcer of stomach and duodenum (540, 541)	90	4.0	112	5.0	95	4.3	100	4.5	99	4.4
Appendicitis (530-533)	79	3.5	46	2.1	52	2.3	60	2.7	42	1.9
561, 570, obstruction and hernia (560, 561, 570)	167	7.5	147	6.6	150	6.7	127	5.7	124	5.9
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	121	5.4	95	4.3	87	3.9	102	4.6	88	3.9
Cholera (580)	11	0.5	13	0.6	14	0.7	15	0.7	13	0.6
Nephritis and nephrosis (590-594)	486	22.0	445	19.9	449	20.2	449	20.2	449	20.2
Hypertension of prostate (610)	120	5.4	139	6.2	136	6.0	115	5.1	112	5.0
Complications of pregnancy, childbirth and the puerperium (640-689)**	69	14.2	69	14.2	578	25.8	38	7.6	37	7.2
Congenital malformations (750-759)	243	10.8	244	10.9	278	12.3	240	10.9	245	11.0
Septicemia (760-762), septicemia and other infectious diseases (763-768)	38	1.5	34	1.5	370	16.6	316	15.0	421	18.8
Infections of the newborn (763-768)	138	6.2	147	6.6	294	13.1	246	11.1	41	1.8
Other diseases peculiar to early infancy and immature unqualified (769-776)	511	22.8	515	23.1	505	22.6	462	20.7	410	18.3
Serious and unqualified (780-795)	597	26.6	527	23.7	553	24.7	514	23.0	637	28.0
All other diseases (Residual)	1,610	71.8	1,585	71.0	1,630	72.9	1,531	69.4	1,574	70.4
All other diseases (Residual)	550	24.5	522	23.4	577	23.8	616	27.6	607	27.1
Motor-vehicle accidents (E800-E835)	926	41.3	828	37.1	923	41.3	873	39.0	838	37.5
All other accidents (E840-E865, E866-E895)	180	8.0	193	8.6	184	8.2	171	7.6	195	8.7
8970-8972, 8973, 8974, 8975, 8976, 8977, 8978, 8979, 8980, 8981, 8982, 8983, 8984, 8985, 8986, 8987, 8988, 8989, 8990, 8991, 8992, 8993, 8994, 8995, 8996, 8997, 8998, 8999	127	5.7	113	5.1	115	5.1	124	5.5	121	5.4

\* Census enumeration, April 1, 1950.

TABLE A. BIRTHS, DEATHS, AND DEATHS BY DEPARTMENT CAUSES, NUMBER AND RATE, OKLAHOMA, 1959-1958  
 Figures in Parentheses Refer to Sixth and Seventh Revisions of International Lists of Causes of Death

Estimated population, July 1	1954		1955		1956		1957		1958	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live births*	47,259	23.0	50,636	22.4	51,894	22.0	51,349	22.5	50,552	22.0
Physician in hospital	41,259	...	42,862	...	48,929	...	48,929	...	48,472	...
Physician not in hospital	5,999	...	7,774	...	2,965	...	1,785	...	1,468	...
Midwife, other, or unknown	1,961	...	2,180	...	2,652	...	2,652	...	2,611	...
Stillbirths*	809	15.3	787	14.5	732	13.9	665	13.0	787	13.5
Physician in hospital	696	...	660	...	659	...	614	...	627	...
Physician not in hospital	113	...	55	...	48	...	36	...	35	...
Total deaths, all causes*	20,121	9.0	19,705	8.7	20,958	9.1	21,135	9.1	21,819	9.1
Deaths under 1 year*	1,394	27.1	1,338	26.4	1,376	26.5	1,307	25.5	1,372	27.2
Deaths under 1 month*	1,011	19.6	1,006	19.9	716	18.7	717	18.2	717	18.2
Infant mortality rate (per 1,000-008)	222	9.2	171	7.6	183	7.7	152	6.7	155	6.7
Neurological and respiratory system (001-008)	80	3.2	12	0.5	4	0.2	5	0.2	9	0.4
Syphilis and its sequelae (020-029)	80	3.2	12	0.5	4	0.2	5	0.2	9	0.4
Dysentery, all forms (045-048)	12	0.5	2	0.1	5	0.2	11	0.5	5	0.2
Serious fever and streptococcal sore throat	3	0.1	4	0.2	2	0.1	7	0.3	5	0.2
Diphtheria (055)	3	0.1	11	0.5	12	0.5	12	0.5	10	0.4
Hemiplegic cough (056)	10	0.4	6	0.3	3	0.1	6	0.3	6	0.3
Neurological infections (057)	23	1.0	6	0.3	3	0.1	6	0.3	6	0.3
Acute poliomyelitis (080)	5	0.2	4	0.2	16	0.7	3	0.1	6	0.3
Measles (085)	1	0.0	1	0.0	2	0.1	1	0.0	2	0.1
Scarlet fever and streptococcal diseases (100-108)	1	0.0	1	0.0	2	0.1	1	0.0	2	0.1
Malaria (110-117)	84	3.8	81	3.6	87	3.7	98	4.3	85	3.7
All other diseases classified in Infective and parasitic (030-079, 081, 082, 084, 049, 052-054, 059-074, 081-083, 086-095, 120-138)	3,043	134.0	3,122	138.1	3,292	136.9	3,020	144.8	3,222	140.2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (200-209)	131	5.8	131	5.8	131	5.8	131	5.8	131	5.8
Benign and unspecified neoplasms (210-239)	316	14.1	315	13.9	283	12.0	316	13.8	277	12.0
Amiasis (240)	52	2.3	55	2.4	46	1.9	46	1.9	58	2.5
Aneurysm (290-293)	2,667	116.5	2,396	106.0	2,472	117.4	2,795	122.4	2,843	123.6
Vascular disease affecting central nervous system (330-354)	13	0.6	19	0.8	3	0.1	6	0.3	6	0.3
Rheumatic fever (400-402)	186	8.3	184	8.1	171	7.2	169	7.4	171	7.4
Chronic rheumatic heart disease (410-416)	4,921	219.9	5,202	230.2	5,612	257.7	5,627	255.2	5,900	260.0
Atherosclerotic and degenerative heart disease (420-429)	854	38.2	788	33.1	770	32.6	752	33.2	717	31.1
Other diseases of heart (430-434)	182	8.1	157	6.9	186	7.9	173	7.6	198	8.6
Hypertension with heart disease (440-443)	32	1.4	23	1.0	21	0.9	21	0.9	21	0.9
Hypertension without mention of heart disease (444-447)	50	2.2	53	2.3	41	1.7	41	1.7	41	1.7
Pneumonia (490-493)	529	26.2	529	26.2	46	1.9	46	1.9	46	1.9
Bronchitis (500-502)	91	4.1	129	5.7	121	5.1	128	5.6	128	5.6
Ulcer of stomach and duodenum (540, 541)	42	1.9	44	1.9	35	1.5	32	1.4	32	1.4
Appendicitis (530-533)	154	6.9	122	5.4	145	6.1	134	5.9	155	6.7
561, 570, obstruction and hernia (560, 561, 570)	107	4.8	75	3.3	105	4.4	113	4.9	83	3.6
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	157	7.1	157	7.1	138	5.8	103	4.6	173	7.5
Cholera (580)	10	0.4	10	0.4	10	0.4	10	0.4	10	0.4
Nephritis and nephrosis (590-594)	517	23.6	499	22.5	517	23.6	499	22.5	499	22.5
Hypertension of prostate (610)	107	4.8	111	4.9	99	4.2	88	4.0	101	4.4
Complications of pregnancy, childbirth and the puerperium (640-689)**	38	7.4	26	5.1	19	3.7	25	4.9	18	3.6
Congenital malformations (750-759)	239	10.7	230	10.1	212	11.5	233	10.3	253	11



TABLE 1. RESIDENT DEATHS BY INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, NUMBER AND RATE, BY RACE, OKLAHOMA, 1958

	Total		White		Negro		Indian	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total deaths, all causes* . . . . .	2,999,590		2,087,058		158,765		53,769	
Tuberculosis of respiratory system (001-008) . . . . .	21,812	9.5	19,465	9.3	1,758	11.1	589	11.0
Tuberculosis of lungs and central nervous system (010) . . . . .	155	6.7	119	5.7	11	6.9	25	46.5
Tuberculosis of intestines, peritoneum and mesenteric glands (011) . . . . .	4	0.2	1	0.0	1	0.6	2	3.7
Tuberculosis of bones and joints (012, 013) . . . . .	-	-	-	-	-	-	-	-
Tuberculosis of genitourinary system (014) . . . . .	5	0.2	5	0.1	-	-	-	-
Tuberculosis of lymph nodes (015) . . . . .	1	0.0	-	-	-	-	-	-
Congenital syphilis (060) . . . . .	1	0.0	-	-	-	-	-	-
Early syphilis (021) . . . . .	1	0.0	-	-	-	-	-	-
Tobacco dermatitis (024) . . . . .	1	0.0	-	-	-	-	-	-
General paralysis of insane (025) . . . . .	4	0.2	4	0.0	-	-	-	-
General paresis of insane (026) . . . . .	26	1.2	27	1.3	-	-	-	-
Gonococcal infection (030-035) . . . . .	29	1.3	27	1.3	-	-	-	-
Paratyphoid fever and other Salmonella infections (041, 042) . . . . .	1	0.0	1	0.0	-	-	-	-
Cholera (043) . . . . .	-	-	-	-	-	-	-	-
Typhoid fever (044) . . . . .	3	0.1	2	0.1	-	-	-	-
Dysentery, all forms (045-048) . . . . .	4	0.2	4	0.2	-	-	-	-
Scarlet fever (050) . . . . .	4	0.2	4	0.2	-	-	-	-
Strepococcal sore throat (051) . . . . .	21	0.9	19	0.9	-	-	-	-
Scarlet fever and pneumonia (052) . . . . .	3	0.1	3	0.1	-	-	-	-
Diphtheria (055) . . . . .	10	0.4	9	0.4	-	-	-	-
Whooping cough (056) . . . . .	3	0.1	3	0.1	-	-	-	-
Meningococcal infections (057) . . . . .	5	0.2	4	0.2	-	-	-	-
Leptospira (060) . . . . .	4	0.2	4	0.2	-	-	-	-
Anthrax (062) . . . . .	11	0.5	10	0.5	1	0.6	-	-
Acute poliomyelitis (080) . . . . .	3	0.1	3	0.1	-	-	-	-
Late effects of acute poliomyelitis and acute infectious encephalitis (081, 083) . . . . .	6	0.3	4	0.2	2	1.3	-	-
Smallpox (084) . . . . .	8	0.3	8	0.4	-	-	-	-
Epidemic typhus (085) . . . . .	8	0.3	8	0.4	-	-	-	-
Typhus (086) . . . . .	2	0.1	2	0.1	-	-	-	-
Typhus and other rickettsial diseases (100-108) . . . . .	2	0.1	2	0.1	-	-	-	-
Malaria (109) . . . . .	2	0.1	2	0.1	-	-	-	-
Schistosomiasis (123) . . . . .	-	-	-	-	-	-	-	-
Hydatid disease (125) . . . . .	-	-	-	-	-	-	-	-
Elysiaria (127) . . . . .	-	-	-	-	-	-	-	-
Amoebiasis (129) . . . . .	-	-	-	-	-	-	-	-
Other diseases due to helminths (124, 126, 127, 130) . . . . .	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (036-039, 049, 054, 059, 063-074, 086-090, 093, 095, 096, 120-122, 131-138) . . . . .	36	1.6	32	1.5	2	1.3	2	3.7
Pharynx (140-146) . . . . .	62	2.7	59	2.8	2	1.3	1	1.9
Malignant neoplasm of esophagus (150) . . . . .	22	1.0	18	0.9	4	2.5	5	9.3
Malignant neoplasm of stomach (151) . . . . .	267	11.6	236	11.3	24	15.1	7	13.0
Malignant neoplasm of intestine, except Malignant neoplasm of rectum (154) . . . . .	296	12.9	279	13.4	11	6.9	6	11.2
Malignant neoplasm of larynx (161) . . . . .	101	4.4	97	4.6	3	1.9	1	1.9
Malignant neoplasm of trachea, and of secondary (162, 163) . . . . .	26	1.1	24	1.1	2	1.3	1	1.9
Malignant neoplasm of breast (170) . . . . .	420	18.3	401	19.2	16	10.1	3	5.6
Malignant neoplasm of cervix uteri (171) . . . . .	235	10.2	216	10.2	12	7.6	5	9.3
Malignant neoplasm of other and unspecified Malignant neoplasm of female genital organs (172-177) . . . . .	105	4.6	88	4.2	11	6.9	7	13.0
Malignant neoplasm of skin (190, 191) . . . . .	98	4.3	80	3.8	18	11.3	5	9.3
Malignant neoplasm of bone and connective tissue (198, 199) . . . . .	218	9.3	188	9.2	19	12.5	11	20.2
All other diseases . . . . .	71	3.1	68	3.3	4	2.5	1	1.9

\*Based from specific cause represent number per 100,000 estimated population.  
Rates represent number per 1,000 estimated population.

TABLE 1. RESIDENT DEATHS BY INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, NUMBER AND RATE, BY RACE, OKLAHOMA, 1958 (Continued)

	Total		White		Negro		Indian	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Malignant neoplasm of all other and unspecified sites (155-160, 164, 165, 175, 176, 178-181, 192-195, 198-203) . . . . .	927	40.2	861	41.3	49	30.9	17	31.6
Lymphomas and other neoplasms of lymphatic and hematopoietic system (200-203, 205) . . . . .	186	8.0	169	8.1	11	6.9	4	7.6
Benign neoplasms and neoplasms of unspecified site (204-209) . . . . .	137	6.0	125	6.0	9	5.7	3	5.6
Non-carcinoma neoplasms of the digestive tract (210-213) . . . . .	46	2.0	37	1.8	9	5.7	-	-
Diabetes mellitus (260) . . . . .	12	0.5	8	0.4	3	1.9	-	-
Atherosclerosis and other deficiency states (260-263) . . . . .	277	12.0	241	11.5	23	14.5	13	24.2
Amenias (290-293) . . . . .	33	1.4	26	1.2	4	2.5	3	5.6
Allergic disorders; all other endocrine, metabolic and blood diseases (240-245, 251-254, 260-263, 289-289, 294-299) . . . . .	58	2.5	50	2.4	8	5.0	-	-
Psychoneuroses and disorders of personality (310-324, 336) . . . . .	138	6.0	126	6.0	11	6.9	1	1.9
Mental deficiency (325) . . . . .	33	1.4	21	1.0	10	6.3	2	3.7
Vascular lesions affecting central nervous system (330-335) . . . . .	2,843	123.6	2,564	122.9	229	144.2	50	95.0
Nonmeningeococcal meningitis (340) . . . . .	32	1.4	23	1.1	7	4.4	2	3.7
Multiple sclerosis (345) . . . . .	19	0.8	18	0.9	1	0.6	-	-
Epilepsy (353) . . . . .	40	1.7	33	1.6	5	3.1	2	3.7
Ophthalmic diseases of eye (370-379) . . . . .	-	-	-	-	-	-	-	-
Glaucoma (387) . . . . .	-	-	-	-	-	-	-	-
Otitis media and mastoiditis (391-393) . . . . .	3	0.1	2	0.1	1	0.6	-	-
All other diseases of the nervous system and sense organs (341-344, 350-352, 354-356, 358-359, 360-363, 365-369) . . . . .	190	6.5	133	6.4	11	6.9	6	11.2
Rheumatic fever (400-402) . . . . .	19	0.4	7	0.4	1	0.6	1	1.9
Chronic rheumatic heart disease (410-416) . . . . .	171	7.4	154	7.4	12	7.6	5	9.3
Arteriosclerotic and degenerative heart disease (420-422) . . . . .	5,980	260.0	5,595	268.1	289	182.0	96	178.5
Hypertension with heart disease (440-443) . . . . .	577	25.1	487	23.8	90	56.7	15	27.9
Hypertension without mention of heart disease (444-447) . . . . .	198	8.6	163	7.8	30	18.9	5	9.3
Diseases of arteries (450-456) . . . . .	508	22.1	476	22.8	31	19.5	1	1.9
Diseases of circulatory system (460-468) . . . . .	121	5.3	107	5.1	10	6.3	4	7.4
Acute upper respiratory infections (470-475) . . . . .	12	0.5	12	0.6	-	-	-	-
Influenza (480-481) . . . . .	91	4.0	74	3.5	15	8.2	5	7.4
Bronchopneumonia (491) . . . . .	277	12.0	243	11.6	17	10.7	17	31.6
Primary atypical, other and unspecified pneumonia (492, 493) . . . . .	287	12.5	232	11.1	38	23.9	17	31.6
Acute bronchitis (500) . . . . .	17	0.7	13	0.6	3	1.9	1	1.9
Chronic bronchitis and unspecified (501, 502) . . . . .	22	1.0	20	1.0	2	1.3	-	-
Empyema and abscess of lung (518, 521) . . . . .	5	0.2	4	0.1	1	0.6	-	-
Pneumonia (522) . . . . .	6	0.3	6	0.3	-	-	-	-
Diseases of teeth and supporting structures (530-535) . . . . .	230	10.0	212	10.2	10	6.3	8	14.9
Ulcer of stomach (540) . . . . .	65	2.8	62	3.0	3	1.9	-	-
Gastritis and duodenitis (545) . . . . .	4	0.2	2	0.1	2	1.3	-	-
Appendicitis (550-553) . . . . .	32	1.4	28	1.3	3	1.9	-	-
Intestinal obstruction and hernia (560-561, 570) . . . . .	155	6.7	138	6.6	12	7.6	5	9.3
Gonorrhoea of the urethra (571-572) . . . . .	79	3.4	65	3.1	9	5.7	5	9.3
Cirrhosis of liver (581) . . . . .	173	7.5	151	7.2	9	5.7	13	24.2
Cholelithiasis and cholecystitis (584, 585) . . . . .	87	3.8	80	3.8	4	2.5	3	5.6



TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES, BY RACE, SEX, AND AGE, OKLAHOMA, 1958

Cause of Death	All Ages*						Under 1 Year					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes . . . . .	11,462	6,003	965	793	326	263	614	441	123	106	53	36
Tuberculosis of respiratory system (001-008)	92	27	8	3	10	15	-	-	-	-	-	-
Tuberculosis, other forms (010-019)	1	1	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	22	10	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	1	1	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	1	1	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	3	1	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	1	1	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	1	1	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	4	5	1	2	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	2	2	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	2	2	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	1	1	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infectious (090-099)	1	1	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 046, 052-054, 059-074, 081-083, 086-096, 120-139)	39	38	5	1	-	2	2	6	3	1	-	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-209)	1,592	1,373	90	103	25	40	2	1	-	-	-	-
Brain and unspecified neoplasms (210-239)	19	18	3	6	6	7	-	-	-	-	-	-
Diabetes mellitus (260)	92	149	10	13	6	7	-	-	-	-	-	-
Amnesia (290-293)	23	27	3	3	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	1,259	1,305	133	96	24	26	2	2	3	2	1	1
Nonmeningeal meningitis (340)	10	13	5	5	1	1	-	-	-	-	-	-
Rheumatic fever (400-402)	2	5	4	8	1	3	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	77	77	-	-	-	-	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-427)	3,592	5,003	174	115	63	33	-	-	-	-	-	-
Other diseases of heart (430-434)	309	193	75	31	4	6	-	-	-	-	-	-
Hypertension with heart disease (440-443)	74	274	40	50	9	10	-	-	-	-	-	-
Hypertension without mention of heart disease (444-447)	85	78	17	13	2	3	-	-	-	-	-	-
Influenza (480-483)	35	39	6	6	3	1	-	-	-	-	-	-
Pneumonia (500-502)	328	226	30	32	21	18	-	-	-	-	-	-
Bronchitis (500-502)	21	12	2	2	-	2	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	100	21	5	1	1	1	-	-	-	-	-	-
Appendicitis (530-533)	20	8	1	2	1	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	71	67	4	8	2	3	-	-	-	-	-	-
Colitis, except diarrhea of the newborn (565, 571, 572)	37	30	7	4	3	2	-	-	-	-	-	-
Cirrhosis of liver (581)	103	48	4	5	5	6	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	111	95	25	29	1	4	-	-	-	-	-	-
Hypertrophia of prostate (610)	34	6	6	-	1	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-689)	13	10	3	3	2	2	-	-	-	-	-	-
Conjunctivitis (720-729)	120	103	7	9	5	6	-	-	-	-	-	-
Blind injuries, postnatal aphakia and cataracts (760-762)	161	108	16	23	5	6	-	-	-	-	-	-
Infections of the newborn (765-768)	20	17	11	11	2	2	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturely unqualified (769-769)	218	134	42	38	14	14	-	-	-	-	-	-
Sexually transmitted diseases (581-583), ill-defined and unknown causes (780-793)	428	264	80	60	18	11	-	-	-	-	-	-
All other diseases (Residual)	953	704	67	59	23	23	-	-	-	-	-	-
Motor-vehicle accidents (880-893)	442	165	28	18	35	8	-	-	-	-	-	-
Accidents and self-inflicted injury (894-896, 897-899)	426	232	47	26	15	11	-	-	-	-	-	-
All other accidents (890-892, 884-892)	162	35	4	-	3	1	-	-	-	-	-	-
Suicide and self-inflicted injury (893)	48	15	3	10	7	2	-	-	-	-	-	-
Homicide and operations of war (894, 895, 898-899)	-	-	-	-	-	-	-	-	-	-	-	-

\*Unknown as to age included in "All Ages" column but are not shown separately.

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES, BY RACE, SEX, AND AGE, OKLAHOMA, 1958 (Continued)

Cause of Death	1-4 Years						5-9 Years					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes . . . . .	104	95	18	21	6	7	48	44	10	5	7	1
Tuberculosis of respiratory system (001-008)	1	1	-	-	-	-	-	-	-	-	-	-
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)	2	2	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	2	2	1	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	1	1	1	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infectious (090-099)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 046, 052-054, 059-074, 081-083, 086-096, 120-139)	1	3	1	-	-	-	3	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-209)	14	10	-	-	1	-	6	5	2	-	-	-
Brain and unspecified neoplasms (210-239)	1	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (260)	-	-	-	-	-	-	-	-	-	-	-	-
Amnesia (290-293)	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	1	1	1	2	1	1	1	2	1	-	-	-
Nonmeningeal meningitis (340)	4	4	1	2	1	1	1	2	1	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	-	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-427)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of heart (430-434)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertension with heart disease (440-443)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertension without mention of heart disease (444-447)	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (480-483)	2	2	1	1	1	1	2	2	2	-	-	-
Pneumonia (500-502)	10	12	1	2	2	2	2	2	2	-	-	-
Bronchitis (500-502)	2	3	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (530-533)	1	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	-	-	-	-	-	-	-
Colitis, except diarrhea of the newborn (565, 571, 572)	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (581)	2	-	-	-	-	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertrophia of prostate (610)	3	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-689)	-	-	-	-	-	-	-	-	-	-	-	-
Conjunctivitis (720-729)	7	7	1	1	1	1	3	4	-	-	-	-
Blind injuries, postnatal aphakia and cataracts (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (765-768)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturely unqualified (769-769)	-	-	-	-	-	-	-	-	-	-	-	-
Sexually transmitted diseases (581-583), ill-defined and unknown causes (780-793)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases (Residual)	11	10	3	3	1	1	6	5	1	4	-	-
Motor-vehicle accidents (880-893)	17	14	1	3	1	1	8	8	3	-	-	-
Accidents and self-inflicted injury (894-896, 897-899)	22	22	6	5	2	1	13	12	4	3	-	-
All other accidents (890-892, 884-892)	-	-	-	-	-	-	-	-	-	-	-	-
Suicide and self-inflicted injury (893)	-	-	-	-	-	-	-	-	-	-	-	-
Homicide and operations of war (894, 895, 898-899)	1	-	-	-	-	-	-	-	-	-	-	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES, BY RACE, SEX, AND AGE, OKLAHOMA, 1958 (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	58	33	5	5	2	2	125	53	9	6	10	3
Tuberculosis of respiratory system (001-008)	1	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, other forms (00-019)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (041)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis, other forms (049-051)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-
Membranous croup (057)	1	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infectious and parasitic (030-039, 041, 042, 044, 049, 052-054, 055-074, 081-083, 086, 096, 105-130)	4	2	-	-	-	-	1	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	8	4	-	2	-	-	6	4	-	-	-	-
Breast cancer (210-239)	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (260)	-	-	-	-	-	-	-	-	-	-	-	-
Amenias (290-293)	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	1	-	-	-	-	-	2	-	2	-	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	1	-	-	-	-	-	1	1	-	-	-	-
Arteriosclerotic and degenerative heart	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of heart (420-424)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertension with heart disease (440-443)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	-	-	-	-	-	-
Infarction (490-493)	1	-	-	-	-	-	1	-	-	-	-	-
Pneumonia (500-503)	1	-	-	-	-	-	3	1	-	-	-	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	1	-	-	-	-	-	1	-	-	-	-	-
Peptic ulcer (530-539)	-	-	-	-	-	-	-	-	-	-	-	-
Ischaemic haemorrhage and hernia (560, 561, 570)	1	-	-	-	-	-	2	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (580-583)	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (591)	1	-	-	-	-	-	1	-	-	-	-	-
Nephritis and nephrosis (590-596)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertrophy of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-689)	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	2	-	-	-	-	-	2	3	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (780-788)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of the newborn (789-799)	-	-	-	-	-	-	-	-	-	-	-	-
Smellie without mention of psychosis, ill-defined and unknown causes (780-795)	6	3	1	2	-	-	2	1	1	1	-	-
All other diseases (Gasdinia1)	-	-	-	-	-	-	-	-	-	-	-	-
Motor-vehicle accidents (E810-E835)	11	10	1	2	-	-	2	1	1	1	1	-
All other accidents (E800-E802, E840-E862)	18	6	1	1	1	1	27	21	5	4	4	1
Sticide and self-inflicted injury (E905)	-	-	-	-	-	-	6	4	-	-	-	-
homicide and operations of war (E904, E905, E980-E999)	1	1	2	-	-	-	3	4	1	3	-	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES, BY RACE, SEX, AND AGE, OKLAHOMA, 1958 (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	117	44	12	8	4	4	226	116	31	31	16	10
Tuberculosis of respiratory system (001-008)	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, other forms (00-019)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (041)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis, other forms (049-051)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-
Membranous croup (057)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infectious and parasitic (030-039, 041, 042, 044, 049, 052-054, 055-074, 081-083, 086, 096, 105-130)	1	-	-	-	-	-	1	3	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	8	7	1	1	-	-	25	23	2	5	-	-
Breast cancer (210-239)	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (260)	-	-	-	-	-	-	-	-	-	-	-	-
Amenias (290-293)	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	2	-	-	-	-	-	5	9	-	-	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	1	-	-	-	-	-	7	4	1	-	-	-
Arteriosclerotic and degenerative heart	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of heart (420-424)	1	-	-	-	-	-	13	2	1	-	-	-
Hypertension with heart disease (440-443)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	-	-	-	-	-	-
Infarction (490-493)	1	-	-	-	-	-	2	1	-	-	-	-
Pneumonia (500-503)	1	-	-	-	-	-	1	1	-	-	-	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	1	-	-	-	-	-	1	-	-	-	-	-
Peptic ulcer (530-539)	-	-	-	-	-	-	-	-	-	-	-	-
Ischaemic haemorrhage and hernia (560, 561, 570)	1	-	-	-	-	-	3	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (580-583)	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (591)	1	-	-	-	-	-	1	3	-	-	-	-
Nephritis and nephrosis (590-596)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertrophy of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-689)	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	1	-	-	-	-	-	3	2	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (780-788)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of the newborn (789-799)	-	-	-	-	-	-	-	-	-	-	-	-
Smellie without mention of psychosis, ill-defined and unknown causes (780-795)	4	5	1	1	1	1	13	12	3	5	-	-
All other diseases (Gasdinia1)	-	-	-	-	-	-	-	-	-	-	-	-
Motor-vehicle accidents (E810-E835)	59	14	1	1	1	1	66	14	6	3	12	3
All other accidents (E800-E802, E840-E862)	25	3	4	4	-	-	49	7	4	2	-	-
Sticide and self-inflicted injury (E905)	1	2	-	-	-	-	12	7	1	-	-	-
homicide and operations of war (E904, E905, E980-E999)	10	1	4	-	-	-	6	5	7	4	-	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES, BY RACE, SEX, AND AGE, OKLAHOMA, 1958 (Continued)

Cause of Death	35-44 Years				45-54 Years							
	White		Negro		White		Negro					
	Male	Female	Male	Female	Male	Female	Male	Female				
Total deaths, all causes	433	229	42	43	20	13	1,922	480	83	81	26	33
Tuberculosis of respiratory system (001-008)	9	4	-	-	-	-	17	1	1	-	1	1
Typhoid fever (040)	-	-	-	-	-	-	1	1	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	1	1	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Serum fever and streptococcal sore throat	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (066)	-	-	-	-	-	-	-	-	-	-	-	-
Hemipneumonia (087)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (086)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (117)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-095, 120-138)	3	3	-	-	-	-	3	3	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	66	98	6	6	1	1	174	199	12	16	1	12
Benign and unspecified neoplasms (210-239)	1	4	-	-	-	-	5	2	1	1	1	1
Brain and meninges (240-249)	-	-	-	-	-	-	-	-	-	-	-	-
Amesias (250-259)	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (310-334)	13	13	2	1	-	-	53	38	8	9	3	2
Nontyphoidal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	9	13	1	1	-	-	15	12	-	1	1	2
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	-	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	102	10	4	8	3	2	352	70	11	11	5	2
Coronary atherosclerosis (430-434)	1	1	-	-	-	-	22	3	3	8	-	1
Hypertension with heart disease (440-443)	1	1	1	1	-	-	6	10	3	8	-	1
Hypertension without mention of heart disease (444-447)	1	4	-	-	-	-	6	3	4	2	-	-
Influenza (480-483)	6	3	1	1	-	-	13	1	1	1	-	-
Pneumonia (490-493)	1	1	-	-	-	-	6	6	1	1	-	-
Bronchitis (500-502)	1	2	-	-	-	-	21	2	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	4	2	2	1	-	-	6	-	-	-	-	-
Appendicitis (530-553)	3	1	1	1	1	1	3	4	-	2	-	-
561, 570 - obstruction and vertebra (560, 561, 570)	3	1	1	1	1	1	3	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (580, 571, 572, 581)	7	4	1	2	1	1	9	5	-	-	1	3
Criticism of liver (580)	4	2	-	-	-	-	9	6	5	4	1	1
Nephritis and nephrosis (590-594)	4	2	-	-	-	-	2	-	-	-	-	-
Hypertrophia of prostate (510)	1	1	1	1	1	1	3	4	-	2	-	-
Complications of pregnancy, childbirth and the puerperium (640) (750-759)	1	1	-	-	-	-	2	2	1	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to perinatal period (769-770)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to perinatal period (769-770)	-	-	-	-	-	-	-	-	-	-	-	-
Snailly without mention of psychosis, ill-defined and unknown causes (780-795)	20	10	2	4	2	-	53	19	7	8	1	2
All other diseases (Residual)	31	16	4	4	2	-	61	41	4	5	2	4
Motor-vehicle accidents (810-835)	56	15	1	1	3	2	47	19	7	5	3	5
All other accidents (830-880, 894-896)	5	6	5	1	4	2	67	9	5	3	-	-
Suicide and self-inflicted injury (896)	37	6	1	-	1	1	37	6	-	-	-	-
Homeicide and operations of war (894, 895, 896-899)	10	3	8	2	2	1	13	3	9	2	-	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES, BY RACE, SEX, AND AGE, OKLAHOMA, 1958 (Continued)

Cause of Death	55-64 Years				65-74 Years							
	White		Negro		White		Negro					
	Male	Female	Male	Female	Male	Female	Male	Female				
Total deaths, all causes	1,835	868	150	119	55	42	2,771	1,711	198	172	67	52
Tuberculosis of respiratory system (001-008)	27	4	4	1	3	2	21	4	1	2	2	4
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	9	3	1	1	1	1	7	2	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Serum fever and streptococcal sore throat	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (066)	-	-	-	-	-	-	-	-	-	-	-	-
Hemipneumonia (087)	1	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (086)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (117)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-095, 120-138)	6	6	1	-	-	-	11	5	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	345	269	20	26	5	8	469	347	24	24	10	10
Benign and unspecified neoplasms (210-239)	4	3	1	5	3	2	2	2	2	6	2	4
Brain and meninges (240-249)	13	2	-	-	-	-	1	4	-	-	-	-
Amesias (250-259)	2	2	-	-	-	-	6	6	1	1	-	-
Vascular lesions affecting central nervous system (310-334)	125	99	26	11	9	7	317	287	46	29	6	7
Nontyphoidal meningitis (340)	1	1	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	18	14	-	-	-	-	18	20	1	1	-	-
Chronic rheumatic heart disease (410-416)	709	205	35	28	18	7	1,094	537	55	31	19	10
Arteriosclerotic and degenerative heart disease (420-422)	42	42	9	6	2	2	10	13	3	4	2	4
Coronary atherosclerosis (430-434)	38	21	9	6	1	2	76	76	8	16	4	4
Hypertension with heart disease (440-443)	6	8	4	1	-	-	16	12	2	8	-	-
Hypertension without mention of heart disease (444-447)	1	1	2	2	-	-	4	32	4	1	5	1
Influenza (480-483)	6	3	1	1	-	-	5	4	-	-	-	-
Pneumonia (490-493)	1	3	1	1	-	-	4	3	-	-	-	-
Bronchitis (500-502)	19	6	3	-	-	-	32	4	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	3	2	1	-	-	-	7	7	-	-	-	-
Appendicitis (530-553)	12	7	-	-	-	-	17	-	-	-	-	-
561, 570 - obstruction and vertebra (560, 561, 570)	4	1	1	1	1	1	9	2	1	1	1	1
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (580, 571, 572, 581)	26	12	4	5	1	1	30	18	1	4	3	1
Criticism of liver (580)	14	12	4	5	1	1	29	29	1	1	1	1
Nephritis and nephrosis (590-594)	4	4	1	1	-	-	17	-	-	-	-	-
Hypertrophia of prostate (510)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640) (750-759)	2	1	1	-	-	-	1	-	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to perinatal period (769-770)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to perinatal period (769-770)	-	-	-	-	-	-	-	-	-	-	-	-
Snailly without mention of psychosis, ill-defined and unknown causes (780-795)	88	29	13	6	3	4	100	40	16	12	4	4
All other diseases (Residual)	134	78	8	7	4	5	214	145	14	12	3	3
Motor-vehicle accidents (810-835)	42	15	2	3	2	2	43	17	1	3	1	1
All other accidents (830-880, 894-896)	54	7	2	2	1	1	60	26	1	1	-	-
Suicide and self-inflicted injury (896)	29	3	-	-	-	-	26	4	-	-	-	-
Homeicide and operations of war (894, 895, 896-899)	3	-	4	-	-	-	5	1	2	-	-	-



TABLE III. RESIDENT DEATHS BY INTERNATIONAL, ABBREVIATED LIST OF 50 CAUSES, BY RACE, SEX, AND AGE, OKLAHOMA, 1958 (Continued)

Cause of Death	75-84 Years				85 Years and Over			
	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes . . . . .	2,657	2,481	196	138	41	40	1,227	1,403
Tuberculosis of respiratory system (001-008)	13	6	1	1	3	2	-	4
Tuberculosis of other forms (010-019)	1	1	1	-	-	-	2	-
Syphilis and its sequelae (020-029)	3	4	-	-	-	-	-	-
Typhoid fever (040) (642, 643)	-	-	-	-	-	-	1	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	1	-
Diphtheria (055)	-	-	-	-	-	-	1	-
Whooping cough (066)	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-
Smallpox (088)	-	-	-	-	-	-	-	-
Measles and other rickettsial diseases (090-099)	-	-	-	-	-	-	-	-
Malta fever (100)	-	-	-	-	-	-	-	-
Brucellosis (101-102)	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	1	-
All other diseases classified as Infective and parasitic (000-099, 041, 042, 046, 049, 052-054, 059-074, 081-083, 086-096, 120-129)	2	5	-	-	-	-	1	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-203)	360	304	17	19	7	5	108	100
Neoplasms of the digestive system (210-239)	16	6	4	2	-	-	8	9
Diabetes mellitus (260)	34	58	4	2	-	-	8	8
Amenia (290-293)	10	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	508	572	35	29	4	6	229	329
Nontraumatic meningitis (340)	-	1	-	-	-	-	-	-
Rheumatic fever (400-402)	6	7	1	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	-	-	-
Arteriosclerotic and degenerative heart diseases (420-439)	954	787	48	26	11	8	352	288
Other diseases of heart (430-434)	101	68	10	6	2	2	56	41
Hypertension without mention of heart (440-443)	91	143	13	16	3	1	61	86
Hyperextension without mention of heart (444-447)	28	30	4	4	1	1	26	20
Tuberculosis of the heart (450-453)	101	72	4	6	2	2	62	62
Bronchitis (500-502)	7	3	-	-	-	-	4	-
Other diseases of the respiratory system (510-519)	20	7	-	-	-	-	2	-
Diarrhea and dysentery (560-561)	3	1	-	-	-	-	1	-
Intestinal obstruction and hernia (560-561, 570)	18	26	-	-	-	-	6	13
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (570-579)	5	10	-	-	-	-	4	5
Cirrhosis of the liver (581)	16	11	-	-	-	-	4	-
Nephritis and nephrosis (590-594)	28	31	4	6	1	1	18	19
Hyperplasia of prostate (610)	38	-	-	-	-	-	32	-
Complications of pregnancy, childbirth and the puerperium (640-689)	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	2	-	-	-	-	-	-	-
Birth injuries, postnatal asphyxia and asphyxia of the newborn (830-839)	-	-	-	-	-	-	-	-
Accidents (850-899)	84	80	16	11	1	2	56	69
Intentional self-inflicted injury (900-909)	21	13	5	2	1	1	2	57
Senility without mention of psychosis, ill-defined and unknown causes (980-995)	313	208	20	11	4	2	138	157
All other diseases (residual)	80	80	16	11	1	2	69	11
Motor-vehicle accidents (E810-E835)	54	54	13	5	2	2	38	57
All other accidents (E800-E802, E840-E862)	21	15	3	3	1	1	1	1
Suicide and self-inflicted injury (E900-E999)	11	2	1	-	-	-	6	-
Human error (E970)	-	-	-	-	-	-	-	-
Human error of car (E964, E965, E980-E999)	-	-	-	-	-	-	1	-

TABLE IV. LEADING CAUSES OF DEATH, NUMBER AND PER CENT, BY RACE, BY AGE GROUP, OKLAHOMA, 1958

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	Per Cent of Total
All Ages	21,812	100.0	100.0	19,465	100.0	100.0	1,758	100.0	100.0	589	100.0	100.0
Accidents (E800-E899)	2,422	11.1	11.1	2,058	10.6	10.6	457	26.0	26.0	130	22.1	22.1
Heart diseases of early infancy (760-766)	1,515	6.9	6.9	1,322	6.8	6.8	197	11.2	11.2	50	8.4	8.4
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Diabetes mellitus (260)	506	2.3	2.3	428	2.2	2.2	75	4.3	4.3	1	0.2	0.2
Nephritis and nephrosis (590-594)	277	1.3	1.3	241	1.2	1.2	23	1.3	1.3	1	0.2	0.2
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20	1.1	1.1	10	1.7	1.7
Heart diseases of early infancy (760-766)	837	3.8	3.8	658	3.4	3.4	137	7.7	7.7	42	7.1	7.1
Congenital malformations (750-759)	253	1.2	1.2	223	1.1	1.1	20					



TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OAKLAND, 1958 (Continued)

Estimated population, July 1, 1958	BRWM						CADD						CANADIAN					
	Total		Wh.		Neg.		Total		Wh.		Neg.		Total		Wh.		Neg.	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births*	419	17.9	392	17.9	13	14.4	616	21.4	464	32	120	419	18.48	373	27	19	18	19
Physician in hospital	378	16.2	359	16.2	9	10	571	20.0	429	22	120	414	18.3	370	26	18	18	18
Physician not in hospital	38	1.6	33	1.5	3	3.4	45	1.6	35	1.2	9	4	1.7	2	1	1	1	1
Midwife, other, or unknown	11	0.5	11	0.5	0	0	7	0.2	4	0.1	2	0.1	12	0.5	8	0.6	4	4
Stillbirths*	11	0.5	11	0.5	0	0	7	0.2	4	0.1	2	0.1	11	0.5	8	0.6	3	3
Physician in hospital	10	0.4	10	0.4	0	0	6	0.2	3	0.1	1	0.0	11	0.5	8	0.6	3	3
Physician not in hospital	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0
Midwife, other, or unknown	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0
Deaths under 1 year*	286	12.2	271	12.2	8	7	312	10.6	270	10	12	214	9.6	191	13	10	10	10
Deaths under 1 month	11	0.5	10	0.4	1	1	20	0.7	15	0.5	3	10	0.4	6	0.4	3	2	2
Tuberculosis of respiratory system (001-008)	8	0.4	8	0.4	0	0	9	0.3	7	0.3	0	8	0.4	6	0.4	2	2	2
Other forms (010-019)	1	0.0	1	0.0	0	0	3	0.1	3	0.1	0	1	0.0	1	0.0	0	0	0
Deaths under 1 year, all causes*	1	0.0	1	0.0	0	0	3	0.1	3	0.1	0	1	0.0	1	0.0	0	0	0
Septicemia (040)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Sepsis and its sequelae (020-029)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Dysentery, all forms (045-048)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Scarlet fever and streptococcal sore throat (050, 051)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Diphtheria (055)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Whooping cough (056)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Meningococcal infections (057)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Acute poliomyelitis (080)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Scarlet fever (085)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Typhus and other rickettsial diseases (100-108)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Malaria (110-117)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
All other diseases classified as infective and parasitic (120-139)	1	0.0	1	0.0	0	0	1	0.0	1	0.0	0	1	0.0	1	0.0	0	0	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-209)	54	2.3	50	2.3	3	3	52	1.8	50	2	2	27	1.2	24	2	1	1	1
Benign and unspecified neoplasms (210-239)	4	0.2	4	0.2	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Rheumatoid arthritis (240)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Arteriosclerosis (250-259)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuritis (260-269)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuralgia (270-279)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuropathy (280-289)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Paralysis (290-299)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuritis (300-309)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuropathy (310-319)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Paralysis (320-329)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuritis (330-339)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuropathy (340-349)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Paralysis (350-359)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuritis (360-369)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuropathy (370-379)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Paralysis (380-389)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuritis (390-399)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuropathy (400-409)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Paralysis (410-419)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuritis (420-429)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Neuropathy (430-439)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Paralysis (440-449)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Other diseases of heart (450-459)	89	3.8	82	3.8	7	7	89	3.2	82	3	7	79	3.4	72	6	1	1	1
Coronary atherosclerosis (410-439)	10	0.4	10	0.4	0	0	8	0.3	8	0.3	0	9	0.4	9	0.7	0	0	0
Myocardial infarction (410-439)	10	0.4	10	0.4	0	0	8	0.3	8	0.3	0	9	0.4	9	0.7	0	0	0
Other diseases of heart (440-449)	79	3.4	72	3.4	7	7	81	2.9	74	3	7	70	3.1	63	5	2	2	
Hypertension without mention of heart (440-443)	4	0.2	4	0.2	0	0	3	0.1	3	0.1	0	4	0.2	4	0.3	0	0	0
Other diseases of heart (440-449)	75	3.2	68	3.2	7	7	78	2.8	71	3	7	66	3.0	59	5	2	2	
Arteriosclerosis (450-459)	4	0.2	4	0.2	0	0	5	0.2	5	0.2	0	2	0.1	2	0.1	0	0	0
Chronic rheumatic heart disease (410-416)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Acute rheumatic heart disease (410-416)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Nonrheumatic mitralis (340)	31	1.3	30	1.3	1	1	32	1.1	25	3	4	37	1.6	35	2	2	2	
Rheumatic fever (400-402)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Chronic rheumatic heart disease (410-416)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Acute rheumatic heart disease (410-416)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Nonrheumatic mitralis (340)	31	1.3	30	1.3	1	1	32	1.1	25	3	4	37	1.6	35	2	2	2	
Rheumatic fever (400-402)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Chronic rheumatic heart disease (410-416)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Acute rheumatic heart disease (410-416)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Nonrheumatic mitralis (340)	31	1.3	30	1.3	1	1	32	1.1	25	3	4	37	1.6	35	2	2	2	
Rheumatic fever (400-402)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Chronic rheumatic heart disease (410-416)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Acute rheumatic heart disease (410-416)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Nonrheumatic mitralis (340)	31	1.3	30	1.3	1	1	32	1.1	25	3	4	37	1.6	35	2	2	2	
Rheumatic fever (400-402)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Chronic rheumatic heart disease (410-416)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Acute rheumatic heart disease (410-416)	2	0.1	2	0.1	0	0	2	0.0	2	0.0	0	2	0.1	2	0.1	0	0	0
Nonrheumatic mitralis (340)	31	1.3	30	1.3	1	1	32											

TABLE V. RESIDING PATIENTS, DEATHS, AND DEATHS BY REPORTABLE CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OAKLAND, 1958 (Continued)

Estimated population, July 1, 1958	CLATSOP			CLATSOP			CLATSOP			CLATSOP			
	Total			Total			Total			Total			
	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	
Live births*	84	184.8	84	-	-	1,123	23.9	1,101	3	19	97	15.5	87
Physician in hospital	82	183.2	82	-	-	1,113	23.7	1,091	3	19	94	15.2	85
Midwife, other, or unknown	2	4.5	2	-	-	6	0.1	6	0	0	3	0.5	2
Stillbirths*	2	4.5	2	-	-	5	0.1	5	0	0	3	0.5	2
Physician in hospital	2	4.5	2	-	-	5	0.1	5	0	0	3	0.5	2
Physician not in hospital	2	4.5	2	-	-	5	0.1	5	0	0	3	0.5	2
Total deaths, all causes	40	91.0	40	-	-	273	5.7	273	83	13.2	76	5	7
Deaths under 1 year*	2	4.5	2	-	-	20	0.4	20	2	1	1	0.1	1
Deaths under 1 month	1	2.2	1	-	-	28	0.6	28	2	1	1	0.1	1
Respiratory system (001-008)	-	-	-	-	-	2	0.0	2	4	0.7	2	0.3	2
Dysentery, all forms (045-048)	-	-	-	-	-	2	0.0	2	1	0.2	1	0.1	1
Typhoid fever (040)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Syphilis and its sequelae (020-029)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Dysentery, all forms (045-048)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Scarlet fever and streptococcal sore throat	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Diphtheria (055)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Whooping cough (056)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Measles (057)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Acute poliomyelitis (080)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Scarlet fever (045-048)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Malaria (110-117)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
All other diseases classified as infective	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
All other diseases (000-099, 040-049, 049-052-054, 059-074, 081-083, 086-086, 120-138)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (200-209)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Diphtheria mellitus (260)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Amelias (290-293)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Vascular lesions affecting central nervous system (340)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Rheumatic fever (400-402)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Rheumatic heart disease (410-416)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Arteriosclerotic and degenerative heart disease (420-422)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Other diseases of heart (430-434)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Hypertension with heart disease (440-443)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Hypertension without mention of heart disease (440-443)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Influenza (480-483)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Pneumonia (490-493)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Appendicitis (530-533)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Operative operations on the alimentary canal (560-561, 570)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Nephritis and nephrosis (590-594)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Hyperplasia of prostate (610)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Complications of pregnancy, childbirth and the puerperium (640-689)**	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Operative operations on the female genital tract (760-762)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Birth injuries, postnatal asphyxia and other diseases peculiar to early infancy (763-768)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Infections of the newborn (763-768)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Other diseases peculiar to early infancy (769-779)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Smallpox (055)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Scarlet fever and streptococcal sore throat	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Diphtheria (055)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Whooping cough (056)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Measles (057)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Acute poliomyelitis (080)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Scarlet fever (045-048)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Malaria (110-117)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
All other diseases classified as infective	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
All other diseases (000-099, 040-049, 049-052-054, 059-074, 081-083, 086-086, 120-138)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (200-209)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Diphtheria mellitus (260)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Amelias (290-293)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Vascular lesions affecting central nervous system (340)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Rheumatic fever (400-402)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Rheumatic heart disease (410-416)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Arteriosclerotic and degenerative heart disease (420-422)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Other diseases of heart (430-434)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Hypertension with heart disease (440-443)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Hypertension without mention of heart disease (440-443)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Influenza (480-483)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Pneumonia (490-493)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Appendicitis (530-533)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Operative operations on the alimentary canal (560-561, 570)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Nephritis and nephrosis (590-594)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Hyperplasia of prostate (610)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Complications of pregnancy, childbirth and the puerperium (640-689)**	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Operative operations on the female genital tract (760-762)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Birth injuries, postnatal asphyxia and other diseases peculiar to early infancy (763-768)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Infections of the newborn (763-768)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Other diseases peculiar to early infancy (769-779)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Smallpox (055)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Scarlet fever and streptococcal sore throat	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Diphtheria (055)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Whooping cough (056)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Measles (057)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Acute poliomyelitis (080)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Scarlet fever (045-048)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Malaria (110-117)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
All other diseases classified as infective	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
All other diseases (000-099, 040-049, 049-052-054, 059-074, 081-083, 086-086, 120-138)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (200-209)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Diphtheria mellitus (260)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Amelias (290-293)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Vascular lesions affecting central nervous system (340)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Rheumatic fever (400-402)	-	-	-	-	-	1	0.0	1	1	0.2	1	0.1	1
Rheumatic heart disease (410-416)	-	-	-	-	-	1	0.0						

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY SEX, OKLAHOMA, 1936 (Continued)

Estimated population, July 1, 1936	CABER				COSTER				DELAWARE			
	Total		Race		Total		Race		Total		Race	
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.
Live births*	797	20.3	667	75	419	21.8	339	34	224	15.6	144	80
Physician in hospital	745	18.9	681	50	418	21.8	338	34	178	10.6	106	7
Physician not in hospital	27	0.7	21	6	1	0.1	1	0	44	2.8	37	1
Midwife, other, or unknown	25	0.6	5	19	1	0.1	1	0	2	0.1	2	1
Stillbirths*	11	2.8	10	1	5	11.9	4	1	2	8.9	1	1
Physician in hospital	10	2.6	9	1	5	11.9	4	1	2	8.9	1	1
Physician not in hospital	1	0.3	1	0	0	0.0	0	0	0	0.0	0	0
Midwife, other, or unknown	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
Total deaths, all causes*	421	10.7	379	36	203	10.5	182	8	164	11.4	141	23
Deaths under 1 year†	26	6.6	24	2	11	55.8	10	2	7	31.2	6	2
Deaths under 1 month†	5	1.3	3	2	1	28.5	0	1	2	8.5	1	1
Tuberculosis, other forms (010-019)	5	1.3	3	2	1	5.2	1	0	2	2.5	1	1
Syphilis and its sequelae (020-029)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Synphoid fever (040)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Dysentery, all forms (055-068)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Seretic fever and streptococcal sore throat (050, 051)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Diphtheria (055)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Whooping cough (056)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Hemorrhagic infections (057)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Acute poliomyelitis (080)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Smallpox (084)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Measles (085)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Typhus and other rickettsial diseases (100-109)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
Malaria (110-117)	1	0.3	1	0	1	5.2	1	0	0	0.0	0	0
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-139)	2	0.5	2	0	1	5.2	1	0	0	0.0	0	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	57	14.9	55	2	26	135.1	23	2	20	139.4	18	2
Benign and unspecified neoplasms (210-239)	7	1.8	7	0	6	31.2	6	0	6	41.8	6	0
Diabetes mellitus (260)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Juvenile diabetes (260)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Arteriosclerosis (270-279)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Vascular lesions affecting central nervous system (330-334)	50	12.7	42	8	22	114.3	22	1	23	160.3	18	5
Rheumatic fever (400-402)	4	1.0	4	0	1	5.2	1	0	1	7.0	1	0
Rheumatic heart disease (410-416)	127	32.4	116	9	46	239.0	43	1	41	265.7	40	1
Chronic rheumatic heart degenerative heart disease (420-422)	22	5.6	22	0	3	15.6	3	0	11	76.7	7	2
Hypertension with heart disease (440-443)	11	2.8	9	2	10	52.0	10	0	7	48.8	4	3
Hypertension without mention of heart disease (440-442)	4	1.0	4	0	3	15.6	3	0	1	7.0	1	0
Influenza (480-483)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Pneumonia (490-493)	11	2.8	9	2	8	41.6	6	2	11	76.7	10	1
Bronchitis (500-503)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Ulcer of stomach and duodenum (540, 541)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Appendicitis (550-553)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Intestinal obstruction and hernia (560-561, 570)	6	1.5	5	1	3	15.6	3	0	0	0.0	0	0
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (583, 579, 572)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Cirrhosis of liver (581)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Nephritis and nephrosis (590-594)	6	1.5	5	1	3	15.6	3	0	1	7.0	1	0
Hypertrophia of prostate (610)	3	0.8	3	0	3	15.6	3	0	1	7.0	1	0
Complications of pregnancy, childbirth and the puerperium (640-689)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Complications of pregnancy, childbirth and the puerperium (690-749)	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Birth injuries, postnatal asphyxia and atelectasis (760-762)	7	1.8	7	0	3	15.6	3	0	1	7.0	1	0
Infections of the newborn (763-768)	10	2.5	9	1	4	20.8	2	1	1	7.0	1	0
Other diseases peculiar to early infancy	1	0.3	1	0	1	5.2	1	0	1	7.0	1	0
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	13	3.3	12	1	10	52.0	7	3	7	48.8	4	3
All other diseases (Residual)	36	9.1	30	6	24	124.7	23	1	20	134.8	5	5
All other accidents (8800-8802, 8810-8862)	20	5.0	19	1	11	57.2	11	0	5	34.8	5	1
Stupe and self-inflicted injury (8965, 8970-8979)	5	1.3	5	0	5	26.0	5	0	5	34.8	5	0
Homicide and operations of war (8964, 8965, 8980-8999)	1	0.3	1	0	1	5.2	1	0	2	13.9	1	1

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY SEX, OKLAHOMA, 1936 (Continued)

Estimated population, July 1, 1936	DOWRY				ELLIS				GARFIELD			
	Total		Race		Total		Race		Total		Race	
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.
Live births*	67	13.8	79	8	74	13.1	74	0	1,280	24.6	1,204	64
Physician in hospital	76	15.5	66	10	72	13.1	72	0	1,275	24.5	1,195	64
Physician not in hospital	1	0.2	1	0	0	0.0	0	0	5	0.9	5	0
Midwife, other, or unknown	1	0.2	1	0	1	1.9	1	0	4	0.7	4	0
Stillbirths*	11	2.2	11	0	13	2.4	13	0	15	2.8	15	0
Physician in hospital	1	0.2	1	0	1	1.9	1	0	1	0.2	1	0
Physician not in hospital	1	0.2	1	0	1	1.9	1	0	1	0.2	1	0
Midwife, other, or unknown	9	1.8	9	0	11	2.0	11	0	13	2.4	13	0
Total deaths, all causes*	74	11.7	71	3	80	14.2	80	0	512	9.8	497	13
Deaths under 1 year†	2	0.4	2	0	2	0.4	2	0	28	0.5	26	1
Deaths under 1 month†	1	0.2	1	0	1	0.2	1	0	2	0.4	2	0
Tuberculosis, other forms (010-019)	1	0.2	1	0	1	0.2	1	0	3	0.6	3	0
Syphilis and its sequelae (020-029)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Synphoid fever (040)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Dysentery, all forms (055-068)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Seretic fever and streptococcal sore throat (050, 051)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Diphtheria (055)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Whooping cough (056)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Hemorrhagic infections (057)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Acute poliomyelitis (080)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Smallpox (084)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Measles (085)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Typhus and other rickettsial diseases (100-109)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
Malaria (110-117)	1	0.2	1	0	1	0.2	1	0	1	0.2	1	0
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-139)	2	0.4	2	0	2	0.4	2	0	2	0.4	2	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	13	20.5	12	1	11	19.6	11	0	87	16.6	83	4
Benign and unspecified neoplasms (210-239)	2	3.1	2	0	1	1.7	1	0	7	13.4	7	0
Diabetes mellitus (260)	1	1.5	1	0	1	1.7	1	0	3	5.8	3	0
Juvenile diabetes (260)	1	1.5	1	0	1	1.7	1	0	1	1.7	1	0
Arteriosclerosis (270-279)	8	12.6	8	0	15	26.5	15	0	54	103.6	53	1
Vascular lesions affecting central nervous system (330-334)	2	3.1	2	0	2	3.5	2	0	8	15.3	8	0
Rheumatic fever (400-402)	1	1.5	1	0	1	1.7	1	0	1	1.7	1	0
Rheumatic heart disease (410-416)	13	20.5	13	0	25	44.2	25	0	140	268.6	138	2
Chronic rheumatic heart degenerative heart disease (420-422)	7	10.8	7	0	6	10.6	6	0	12	23.0	11	1
Hypertension with heart disease (440-443)	2	3.1	2	0	2	3.5	2	0	4	7.7	4	0
Hypertension without mention of heart disease (440-442)	2	3.1	2	0	2	3.5	2	0	2	3.5	2	0
Influenza (480-483)	1	1.5	1	0	1	1.7	1	0	1	1.7	1	0
Pneumonia (490-493)	4	6.3	3	1	3	5.3	3	0	14	26.9	14	0
Bronchitis (500-503)	1	1.5	1	0	1	1.7	1	0	5	9.6	5	0
Ulcer of stomach and duodenum (540, 541)	1	1.5	1	0	1	1.7	1	0	1	1.7	1	0
Appendicitis (550-553)	1	1.5	1	0	1	1.7	1	0	1	1.7	1	0
Intestinal obstruction and hernia (560-561, 570)	4	7.7	4	0	4	7.7	4	0	4	7.7	4	0
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (583, 5												



TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1958  
(Continued)

Estimated population, July 1, 1958	HASKELL						HUGHES						JACKSON					
	Total		Race		Total		Race		Total		Race		Total		Race			
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.		
Live births*	152	14.0	136	-	266	17.5	217	13	36	96.1	30.4	868	88	5	5	5		
Physician in hospital	87	8.2	77	-	10	25.1	10	35	12	30.4	8.0	82	5	4	4	4		
Physician not in hospital	65	6.1	59	-	156	10.4	107	6	12	30.4	8.0	82	5	4	4	4		
Midwife, others, or unknown	1	0.1	1	-	1	0.1	1	-	1	2.6	0.7	1	-	-	-	-		
Stillbirths*	3	19.7	2	-	3	3.8	2	-	7	7.3	2.1	5	2	2	2	2		
Physician in hospital	2	1.9	2	-	1	1.1	1	-	7	7.3	2.1	5	2	2	2	2		
Physician not in hospital	1	0.9	1	-	1	1.1	1	-	1	1.1	0.3	1	-	-	-	-		
Midwife, others, or unknown	2	1.9	2	-	1	1.1	1	-	1	1.1	0.3	1	-	-	-	-		
Deaths under 1 year*	120	11.1	116	-	192	12.6	163	10	19	19.0	5.5	200	19	2	2	2		
Deaths under 1 month	3	13.2	3	-	6	22.6	3	-	18	18.7	5.3	13	3	3	3	3		
Deaths under 1 year	2	18.5	2	-	3	11.3	2	-	9	9.4	2.7	6	2	2	2	2		
Respiratory system (001-008)	-	-	-	-	1	6.6	1	-	2	6.3	1.8	2	-	-	-	-		
Tuberculosis of respiratory system (010-019)	-	-	-	-	-	-	-	-	1	3.2	0.9	1	-	-	-	-		
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Scarlet fever (049)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Diphtheria (051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Scarlet fever (049)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other diseases classified as infective	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other diseases classified as infective	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Neoplasms (200-239)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (200-209)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Diabetes mellitus (260)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Arteriosclerosis (270-279)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vascular lesions affecting central nervous system (330-339)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Atherosclerotic and degenerative heart disease (420-422)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Other diseases of heart (430-434)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hypertension with heart disease (440-443)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hypertension without mention of heart disease (440-442)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Influenza (480-483)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pneumonia (490-493)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Appendicitis (530-533)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (540, 571, 572)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cirrhosis of liver (581)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cholelithiasis (585-589)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hypertrophy of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Complications of pregnancy, childbirth and the puerperium (640-689)**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Gonorrheal infections (750-759)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bacterial meningitis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Other diseases peculiar to early infancy and immaturely acquired (769-776)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stillbirth without mention of asphyxia (111-112)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stillbirth with mention of asphyxia (111-112)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other diseases (Residual)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other diseases (Residual)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Motor-vehicle accidents (8810-8835)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Non-vehicle accidents (8836-8852)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other accidents (8853-8902)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other accidents (8853-8902)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Self-inflicted injury (8903)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Self-inflicted injury (8903)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Heatstroke and operations of war (8904, 8905, 8906-8999)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1958  
(Continued)

Estimated population, July 1, 1958	JEFFERSON						JOHNSON						KAY					
	Total		Race		Total		Race		Total		Race		Total		Race			
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.		
Live births*	124	12.7	117	6	141	13.9	120	6	15	1,068	21.5	965	25	78	78	78		
Physician in hospital	92	9.2	86	5	78	7.8	66	3	9	1,054	21.5	951	25	78	78	78		
Physician not in hospital	30	3.0	30	1	62	6.1	54	2	6	14	1.4	14	1	1	1	1		
Midwife, others, or unknown	2	16.1	2	-	2	16.2	2	-	11	10.3	9.7	7	2	2	2	2		
Stillbirths*	2	16.1	2	-	2	16.2	2	-	11	10.3	9.7	7	2	2	2	2		
Physician in hospital	2	16.1	2	-	2	16.2	2	-	11	10.3	9.7	7	2	2	2	2		
Physician not in hospital	1	7.9	1	-	1	7.9	1	-	1	7.9	7.4	1	-	-	-	-		
Midwife, others, or unknown	2	16.1	2	-	2	16.2	2	-	11	10.3	9.7	7	2	2	2	2		
Deaths under 1 year*	127	12.7	123	4	126	12.5	118	3	5	489	9.4	466	12	13	13	13		
Deaths under 1 month	1	8.1	1	-	8	56.7	5	-	8	56.7	23	2	2	2	2	2		
Deaths under 1 year	1	8.1	1	-	5	35.5	5	-	17	15.9	15	2	2	2	2	2		
Respiratory system (001-008)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tuberculosis of respiratory system (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Scarlet fever (049)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Diphtheria (051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Scarlet fever (049)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other diseases classified as infective	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other diseases classified as infective	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Neoplasms (200-239)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (200-209)																		





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

Estimated population, July 1, 1958	LOVE				MCGRAW				MCGRAW					
	Total		Race		Total		Race		Total		Race			
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.		
Live births*	95	15.1	83	12	232	17.1	224	7	1	515	19.4	339	104	72
Physician in hospital	63	10.3	57	6	229	17.1	222	6	1	456	17.1	327	58	71
Physician not in hospital	32	5.2	26	6	2	0.1	2	1	1	45	1.7	5	4	3
Stillbirths	1	0.1	1	0	4	0.3	4	0	0	12	0.5	5	4	3
Physician in hospital	1	0.1	1	0	1	0.1	1	0	0	10	0.4	4	3	3
Physician not in hospital	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Stillbirths	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deaths under 1 month	61	9.7	56	5	122	9.4	118	3	1	293	11.1	210	70	13
Deaths under 1 year	3	0.5	3	0	8	0.6	6	1	1	17	0.7	3	3	2
Deaths under 1 year	10.5	1.6	10	0.5	5	0.4	3	1	1	10	0.4	3	5	2
Tuberculosis, other forms (001-008)	1	0.1	1	0	1	0.1	1	0	0	3	0.1	2	1	1
Suberculosis, other forms (001-008)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Tuberculosis, other forms (001-008)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Typhoid fever (040)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Dysentery, all forms (045-048)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Scarlet fever and streptococcal sore throat (050, 051)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Diphtheria (052)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Whooping cough (056)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Meningococcal infections (057)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Acute poliomyelitis (080)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Smallpox (084)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Scarlet fever and streptococcal sore throat (088)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Malaria (110-117)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
All other diseases classified as infective and parasitic (090-109)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
All other diseases classified as infective and parasitic (090-109)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
All other diseases classified as infective and parasitic (090-109)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (120-138)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (120-138)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (120-138)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Brain and unspecified neoplasms (210-239)	13	20.6	13	0	13	10.6	15	0	0	31	11.9	20	9	2
Diabetes mellitus (260)	1	0.1	1	0	2	1.6	1	1	0	2	0.8	2	2	0
Amebias (290-293)	1	0.1	1	0	1	0.1	1	0	0	1	0.0	1	1	0
Vascular lesions affecting central nervous system (330-334)	12	19.0	10	2	12	12.6	17	0	0	36	13.8	21	15	0
Rheumatic fever (400-402)	18	28.5	18	0	45	33.5	45	0	0	87	32.1	73	12	2
Chronic rheumatic heart disease (410-416)	1	0.1	1	0	1	0.1	1	0	0	12	0.5	6	4	0
Arteriosclerotic and degenerative heart disease (420-422)	1	0.1	1	0	3	2.2	3	0	0	6	2.2	6	4	0
Hypertension with heart disease (440-443)	1	0.1	1	0	3	2.2	3	0	0	12	0.5	8	4	0
Hypertension without mention of heart disease (444-447)	1	0.1	1	0	1	0.1	1	0	0	2	0.8	1	1	0
Influenza (480-483)	2	3.1	2	0	7	5.3	7	0	0	7	2.7	5	7	0
Bronchitis (500-502)	1	0.1	1	0	3	2.2	3	0	0	13	0.5	5	7	0
Ulcer of stomach and duodenum (540, 541)	1	0.1	1	0	1	0.1	1	0	0	3	1.1	3	1	0
Appendicitis (550-553)	1	0.1	1	0	1	0.1	1	0	0	1	0.4	1	1	0
Intestinal obstruction and hernia (560-561, 570)	1	0.1	1	0	2	1.6	2	0	0	1	0.4	1	1	0
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	0.1	1	0	2	1.6	2	0	0	1	0.4	1	1	0
Cirrhosis of liver (581)	2	3.1	2	0	2	1.6	2	0	0	5	1.8	4	1	0
Hepatitis and nephrosis (590-594)	2	3.1	2	0	2	1.6	2	0	0	2	0.8	2	2	0
Complications of pregnancy, childbirth and the puerperium (640-689)	1	0.1	1	0	1	0.1	1	0	0	7	2.6	4	3	0
Congenital malformations (750-759)	1	0.1	1	0	2	1.6	2	0	0	1	0.4	1	1	0
Birth injuries, postnatal asphyxia and other diseases peculiar to early infancy and maternity unqualified (760-769)	1	0.1	1	0	2	1.6	2	0	0	4	1.5	1	1	0
Infections of the newborn (760-769)	1	0.1	1	0	2	1.6	2	0	0	2	0.8	2	2	0
Other diseases peculiar to early infancy and maternity unqualified (760-769)	1	0.1	1	0	3	2.2	3	0	0	3	1.1	2	1	0
Senility without mention of psychosis, 111-112	1	0.1	1	0	1	0.1	1	0	0	18	6.7	13	2	1
All other diseases (Residual)	1	0.1	1	0	9	6.6	9	0	0	25	9.3	20	4	1
Motor-vehicle accidents (E810-E835)	1	0.1	1	0	4	2.9	4	0	0	8	3.0	4	4	0
All other accidents (E880-E892, E894-E925)	2	3.1	2	0	3	2.2	3	0	0	2	0.8	2	2	0
State and self-inflicted injury (E963, E970-E972)	2	3.1	2	0	2	1.6	2	0	0	7	2.6	5	3	0
Homicide and operations of war (E964, E965, E980-E999)	2	3.1	2	0	1	0.1	1	0	0	1	0.4	1	1	0

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

Estimated population, July 1, 1958	MCINTOSH				MAYSON				MANSHALL				
	Total		Race		Total		Race		Total		Race		
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	
Live births*	214	16.0	134	51	29	123	16.1	123	142	18.8	127	8	7
Physician in hospital	156	11.8	108	29	17	120	15.1	120	138	17.8	124	8	6
Physician not in hospital	49	3.7	35	10	2	7	0.9	7	4	5.2	3	1	1
Stillbirths	1	0.1	1	0	1	0.1	1	0	1	0.1	1	0	0
Physician in hospital	1	0.1	1	0	1	0.1	1	0	1	0.1	1	0	0
Physician not in hospital	0	0	0	0	0	0	0	0	0	0	0	0	0
Stillbirths	0	0	0	0	0	0	0	0	0	0	0	0	0
Deaths under 1 month	166	12.7	121	25	2	96	12.3	96	90	11.9	85	4	1
Deaths under 1 year	6	0.5	6	0	2	1.5	2	0	6	0.8	6	0	0
Deaths under 1 year	23.4	3.4	21	2	2	1.5	2	0	5	0.7	5	0	0
Tuberculosis, other forms (001-008)	2	0.1	2	0	0	0	0	0	1	0.1	1	0	0
Suberculosis, other forms (001-008)	2	0.1	2	0	0	0	0	0	1	0.1	1	0	0
Typhoid fever (040)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
Dysentery, all forms (045-048)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
Scarlet fever and streptococcal sore throat (050, 051)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
Diphtheria (052)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
Whooping cough (056)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
Meningococcal infections (057)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
Acute poliomyelitis (080)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
Smallpox (084)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
Scarlet fever and streptococcal sore throat (088)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
Malaria (110-117)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
All other diseases classified as infective and parasitic (090-109)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
All other diseases classified as infective and parasitic (090-109)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
All other diseases classified as infective and parasitic (090-109)	1	0.1	1	0	0	0	0	0	1	0.1	1	0	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (120-138)	21	15.7	19	1	1	16	18.2	16	10	13.2	10	0	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (120-138)	21	15.7	19	1	1	16	18.2	16	10	13.2	10	0	0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (120-138)	21	15.7	19	1	1	16	18.2	16	10	13.2	10	0	0
Brain and unspecified neoplasms (210-239)	2	1.5	1	1	1	1.1	1	0	2	2.6	2	0	0
Diabetes mellitus (260)	1	0.1	1	0	1	0.1	1	0	1	0.1	1	0	0
Amebias (290-293)	33	24.6	25	4	4	15	19.8	15	18	23.8	17	1	0
Vascular lesions affecting central nervous system (330-334)	35	26.5	35	0	7	36	47.1	36	30	39.7	28	1	1
Rheumatic fever (400-402)	1	0.1	1	0	1	0.1	1	0	1	0.1	1	0	0
Chronic rheumatic heart disease (410-416)	1	0.1	1	0	1	0.1	1	0	1	0.1			



TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND SEX, OKLAHOMA, 1938

	OKLAHOMA						OSAGE					
	Total		Rate		Total		Rate		Total		Rate	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Estimated population, July 1, 1938	409,138				35,985				31,694			
Live births*	10,671	26.1	9,077	22.1	713	19.8	532	135	516	16.2	430	10.7
Physician in hospital	10,590	25.9	9,014	22.3	600	16.7	455	504	15.6	418	10.6	
Physician not in hospital	71	0.02	63	0.02	13	0.04	77	11	35	0.11	12	0.03
Midwife, doctor, or unknown	137	0.03	105	0.03	43	0.12	28	11	11	0.03	1	0.00
Stillbirths*	133	0.03	102	0.03	3	0.01	4	2	9	0.03	7	0.02
Physician in hospital	2	0.00	1	0.00	2	0.01	1	1	1	0.00	2	0.01
Physician not in hospital	2	0.00	1	0.00	2	0.01	1	1	1	0.00	1	0.00
Midwife, doctor, or unknown	129	0.03	100	0.03	1	0.00	2	1	9	0.03	7	0.02
Deaths under 1 month	3,365	8.2	2,981	7.3	423	11.8	314	16	311	9.8	276	7.0
Deaths under 1 year	316	0.8	245	0.6	7	0.02	16	4	13	0.04	9	0.02
Deaths under 1 month	254	0.6	197	0.5	19	0.05	13	4	3	0.01	2	0.00
Deaths under 1 year	21	0.01	17	0.00	2	0.01	3	1	10	0.03	7	0.02
Tuberculosis of respiratory system (001-008)	5	0.01	5	0.01	1	0.00	1	1	3	0.01	2	0.00
Other forms (010-019)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Syphilis and treponemata (020-029)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Scarlet fever and streptococcal sore throat (030, 031)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Diphtheria (032)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Whooping cough (036)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Measles (040)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Acute poliomyelitis (080)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Smallpox (084)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Measles (085)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Typhus and other rickettsial diseases (100-108)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Malaria (110-117)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
All other diseases classified as infective (120-138)	1	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	13	0.00	13	0.00	2	0.01	2	2	18	0.06	2	0.00
Breast and unspecified neoplasms (210-239)	505	1.2	470	1.2	74	2.0	58	16	38	1.2	36	1.0
Benign and unspecified neoplasms (240-259)	9	0.00	6	0.00	1	0.00	1	1	7	0.02	4	0.01
Melanoma (260)	38	0.01	32	0.01	2	0.01	1	1	7	0.02	4	0.01
Amenia (290-293)	5	0.00	5	0.00	1	0.00	1	1	1	0.00	1	0.00
Vascular lesions affecting central nervous system (330-336)	407	1.0	371	0.9	51	1.4	37	13	49	0.15	45	0.12
Nonmeningeal meningitis (340)	2	0.00	2	0.00	1	0.00	1	1	1	0.00	1	0.00
Chronic rheumatic heart disease (410-416)	29	0.01	28	0.01	2	0.01	2	2	1	0.00	1	0.00
Acute rheumatic heart disease (410-416)	761	1.9	711	1.8	119	3.3	97	21	86	0.26	78	0.20
Chronic rheumatic and degenerative heart disease (420-422)	78	0.02	78	0.02	15	0.04	12	3	9	0.03	7	0.02
Other diseases of heart (430-434)	88	0.02	88	0.02	11	0.03	8	3	9	0.03	7	0.02
Hypertension without mention of heart (440-447)	32	0.01	24	0.01	5	0.01	4	1	3	0.01	3	0.01
Infarction of the heart (450-453)	11	0.00	11	0.00	1	0.00	1	1	1	0.00	1	0.00
Pneumonia (480-483)	84	0.02	73	0.02	11	0.03	6	4	8	0.03	8	0.02
Bronchitis (490-493)	25	0.01	25	0.01	3	0.01	2	1	1	0.00	1	0.00
Ulcer of stomach and duodenum (540, 541)	4	0.00	3	0.00	3	0.01	2	1	1	0.00	1	0.00
Appendicitis (530-533)	22	0.01	20	0.01	4	0.01	3	1	1	0.00	1	0.00
Intestinal obstruction and hernia (560, 561, 570)	12	0.00	9	0.00	2	0.01	1	1	1	0.00	1	0.00
Enteritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	12	0.00	9	0.00	2	0.01	1	1	1	0.00	1	0.00
Chlorosis of liver (581)	10	0.00	9	0.00	1	0.00	1	1	1	0.00	1	0.00
Nephritis and nephrosis (590-596)	31	0.01	24	0.01	9	0.25	4	5	4	0.01	3	0.01
Hyperplasia of prostate (610)	10	0.00	10	0.00	1	0.00	1	1	2	0.01	2	0.00
Complications of pregnancy, childbirth and the puerperium (640-689)**	48	0.01	42	0.01	5	0.01	5	5	3	0.01	3	0.01
Congenital malformations (750-759)	2	0.00	1	0.00	1	0.00	1	1	1	0.00	1	0.00
Birth injuries, postnatal asphyxia and other diseases peculiar to early infancy (760-769)	99	0.02	81	0.02	1	0.00	1	1	2	0.01	2	0.00
Infections of the newborn (760-769)	15	0.00	16	0.00	1	0.00	1	1	1	0.00	1	0.00
Other diseases peculiar to early infancy and immature unclassified (769-776)	103	0.25	78	0.20	13	0.36	7	4	3	0.01	3	0.01
Scarlet fever and streptococcal sore throat (030, 031)	139	0.03	123	0.03	16	0.04	7	12	6	0.02	6	0.02
Diphtheria (032)	247	0.06	218	0.05	29	0.08	12	3	32	0.10	14	0.04
Whooping cough (036)	99	0.02	83	0.02	14	0.04	5	1	16	0.05	6	0.02
Measles (040)	110	0.03	101	0.03	14	0.04	10	4	15	0.05	16	0.04
All other accidents (E800-E802, E840-E842)	35	0.01	34	0.01	2	0.01	2	2	6	0.02	6	0.02
Self-inflicted injury (E900, E901, E902-E909)	3	0.00	3	0.00	1	0.00	1	1	1	0.00	1	0.00
Hot-die and operations of war (E964, E965, E980-E999)	21	0.01	10	0.00	3	0.01	2	1	1	0.00	1	0.00

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND SEX, OKLAHOMA, 1938

	OTTAWA						PARKER					
	Total		Rate		Total		Rate		Total		Rate	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Estimated population, July 1, 1938	28,272				10,622				39,604			
Live births*	514	18.2	502	17.4	12	0.04	158	14.9	133	13.4	166	16.4
Physician in hospital	493	17.4	482	17.1	11	0.04	135	12.7	112	11.1	148	14.6
Physician not in hospital	21	0.07	20	0.07	1	0.00	3	0.03	2	0.00	18	0.05
Midwife, doctor, or unknown	5	0.02	5	0.02	1	0.00	1	0.01	1	0.00	1	0.00
Stillbirths*	3	0.01	3	0.01	3	0.01	3	0.03	1	0.00	1	0.00
Physician in hospital	3	0.01	3	0.01	1	0.00	1	0.01	1	0.00	1	0.00
Physician not in hospital	3	0.01	3	0.01	1	0.00	1	0.01	1	0.00	1	0.00
Midwife, doctor, or unknown	358	12.7	352	12.7	1	0.00	151	14.2	136	13.4	177	17.2
Deaths under 1 month	14	0.05	13	0.05	1	0.00	4	0.04	2	0.00	2	0.00
Deaths under 1 year	16	0.06	15	0.05	1	0.00	2	0.02	2	0.00	2	0.00
Tuberculosis of respiratory system (001-008)	9	0.03	9	0.03	1	0.00	1	0.01	1	0.00	1	0.00
Other forms (010-019)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Syphilis and treponemata (020-029)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Scarlet fever and streptococcal sore throat (030, 031)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Diphtheria (032)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Whooping cough (036)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Measles (040)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Acute poliomyelitis (080)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Smallpox (084)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Measles (085)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Typhus and other rickettsial diseases (100-108)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Malaria (110-117)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
All other diseases classified as infective (120-138)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	2	0.01	2	0.01	2	0.02	2	0.02	2	0.00	2	0.00
Breast and unspecified neoplasms (210-239)	54	1.9	52	1.8	2	0.01	26	24.4	26	0.66	26	0.66
Benign and unspecified neoplasms (240-259)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Melanoma (260)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Amenia (290-293)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Vascular lesions affecting central nervous system (330-336)	37	1.3	37	1.3	1	0.00	15	14.1	15	0.38	15	0.38
Nonmeningeal meningitis (340)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Chronic rheumatic heart disease (410-416)	1	0.00	1	0.00	1	0.00	1	0.01	1	0.00	1	0.00
Acute rheumatic and degenerative heart disease (420-422)	112	3.9	112	3.9	4	0.01	42	39.5	39	0.98		

TABLE V. RESIDENT DEATHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY, OMAHA, 1958 (Continued)

Estimated population, July 1, 1958	PITTSBURG						NONOTONOC						POLK/MARTINE					
	Total		Race		Total		Race		Total		Race		Total		Race			
	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.	No.	Rate	Wh.	Neg.		
Live births*	574	16.0	491	52	31	565	20.3	504	28	33	892	20.5	791	42	59			
Physician in hospital	524	15.3	459	36	29	555	16.6	497	26	32	879	19.7	782	38	59			
Physician not in hospital	50	1.4	32	7	10	10	0.3	7	2	1	12	0.3	9	3				
Midwife, other, or unknown	21	0.6	12	2	6	10.6	0.3	5	1	13	0.3	11	2	2				
Stillbirths*	11	0.3	9	2	6	0.2	0.0	5	1	13	0.3	11	2	2				
Physician in hospital	11	0.3	9	2	6	0.2	0.0	5	1	13	0.3	11	2	2				
Physician not in hospital	0	0.0	0	0	0	0.0	0.0	0	0	0	0.0	0	0	0				
Total deaths, all causes*	412	11.5	382	25	16	402	10.6	382	12	8	473	10.4	439	17	17			
Deaths under 1 year*	15	0.4	14	3	16	28.3	11	2	3	26	29.1	21	3	2				
Deaths under 1 month	9	0.2	9	1	10	17.7	8	1	1	20	22.4	18	2	1				
Tuberculosis of respiratory system (001-008)	5	0.1	5	1	3	10.8	2	1	1	2	4.6	1	1	1				
Pneumonia, pneumonia (009-019)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Syphilis and its sequelae (020-029)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Typhoid fever (040)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Dysentery, all forms (045-048)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Whooping cough (056)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Meningococcal infections (057)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Acute poliomyelitis (080)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Measles (085)	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Scarlet fever and streptococcal sore throat	2	0.0	2	0	1	0.3	0	1	1	2.3	0	1	1	1				
Diphtheria (053)	2	0.0	2	0	1	0.3	0	1	1									





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

Estimated population, July 1, 1958	OKLAHOMA CITY						TULSA					
	Total		Wh.		Race		Total		Wh.		Race	
	No.	Rate	No.	Rate	No.	Ind.	No.	Rate	No.	Rate	No.	Ind.
Live births*	7,636	25.6	6,254	25.6	1,245	133	6,110	23.1	5,268	718	124	
Physician in hospital	7,587	...	6,213	...	1,241	133	6,006	...	5,228	659	119	
Physician not in hospital	32	...	22	...	7	-	33	...	35	42	2	
Midwife, other, or unknown	108	16.1	83	13.3	23	2	81	13.3	61	17	3	
Physician in hospital	105	...	80	...	23	2	79	...	61	15	3	
Physician not in hospital	1	...	1	...	-	-	2	...	-	2	-	
Midwife, other, or unknown	2	...	2	...	-	-	2	...	-	2	-	
Total deaths, all causes	2,709	32.6	2,185	32.6	298	25	2,417	31.1	1,884	248	15	
Deaths under 1 month	197	25.8	149	25.8	46	5	167	27.3	135	31	1	
Deaths under 1 month	18	6.0	14	6.0	4	3	14	4.2	10	1	1	
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	
Syphilis and its sequelae (050-059)	-	-	-	-	-	-	-	-	-	-	-	
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	
Diphtheria (051-052)	-	-	-	-	-	-	-	-	-	-	-	
Measles (052-053)	-	-	-	-	-	-	-	-	-	-	-	
Measles, other forms (057)	-	-	-	-	-	-	-	-	-	-	-	
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	
Neonatal tetanus (090)	-	-	-	-	-	-	-	-	-	-	-	
Neonatal tetanus, other forms (100-109)	-	-	-	-	-	-	-	-	-	-	-	
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	
All other diseases classified as Infective and parasitic (000-039, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 052, 053, 054, 055-059, 060-069, 070-079, 081-083, 085-089, 091-099)	10	3.4	10	3.4	-	-	11	4.2	10	1	-	
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	398	133.5	368	133.5	28	2	328	123.9	299	28	1	
Brain and meninges (200-209)	29	3.0	24	3.0	5	-	26	1.9	23	3	-	
Neuroblastoma (210-219)	24	1.0	24	1.0	1	-	5	1.9	3	2	-	
Vascular lesions affecting central nervous system (330-334)	328	110.0	300	110.0	27	1	265	100.1	244	20	1	
Nonmalignant neoplasms (340)	1	0.3	1	0.3	-	-	6	1.5	2	2	-	
Chronic rheumatic heart disease (410-416)	632	212.0	608	212.0	23	1	592	224.8	544	48	3	
Arteriosclerotic and degenerative heart disease (420-422)	68	22.8	52	22.8	16	-	42	15.9	27	15	-	
Hypertension without mention of heart (444-447)	27	9.1	22	9.1	4	1	14	5.3	12	2	-	
Influenza (480-483)	3	1.0	3	1.0	6	2	6	2.3	4	2	1	
Pneumonia (490-492)	43	1.5	33	1.5	10	2	42	1.9	33	3	1	
Ulcer of stomach and duodenum (540, 541)	23	7.7	23	7.7	-	-	14	5.3	13	1	-	
Appendicitis (530-533)	2	0.7	2	0.7	-	-	4	1.5	3	1	1	
Intestinal obstruction and hernia (560, 561, 570)	18	6.0	16	6.0	1	1	16	6.0	12	4	-	
Other diseases of the nervous system (590-599)	10	3.4	7	3.4	3	-	10	3.8	6	4	-	
Alcoholism (571, 572)	36	12.1	34	12.1	2	-	19	7.2	17	8	1	
Nephritis and nephrosis (590-596)	9	3.0	9	3.0	-	-	8	3.0	7	1	-	
Diabetes mellitus (250-259)	2	2.6	1	2.6	1	-	1	1.6	1	2	-	
Complications of pregnancy, childbirth and the puerperium (640-689)**	36	12.1	31	12.1	4	1	35	13.2	31	2	2	
Congenital malformations (750-759)	13	25.5	60	25.5	15	4	46	17.4	43	3	5	
Birth injuries, postnatal asphyxia and other conditions of the newborn (760-769)	85	4.4	61	4.4	23	1	60	2.3	48	12	-	
Other diseases peculiar to early infancy and immaturely unqualified (769-776)	28.5	...	26	...	23	1	80	30.2	67	13	1	
Senility without mention of psychosis (111-119)	286	95.9	226	95.9	59	1	180	71.3	172	10	1	
Alcoholism (571, 572)	209	68.1	21	68.1	10	2	194	24.9	155	21	1	
Motor-vehicle accidents (8810-8835)	74	24.8	64	24.8	10	5	66	24.9	57	10	1	
All other accidents (8800-8802, 8840-8962), Suicide and self-inflicted injury (8903, 8970-8979)	81	27.2	72	27.2	5	4	81	30.6	69	10	2	
Accidents, other than motor-vehicle accidents (8980-8999)	26	8.7	25	8.7	1	-	29	11.0	28	1	-	

See notes on Table A.