

Water Fall & Water Spring Section

PUBLIC HEALTH STATISTICS
STATE OF
OKLAHOMA
1959



PART II
BIRTHS AND DEATHS

PUBLIC HEALTH STATISTICS

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OKLAHOMA

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PART II

BIRTHS AND DEATHS

Oklahoma State Department of Health

Oklahoma City, Oklahoma

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PUBLIC HEALTH STATISTICS OF OKLAHOMA

BIRTHS AND DEATHS

1959

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

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

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

POPULATION

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

RESIDENCE ALLOCATION

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

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

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

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

Table 1

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

Table 2

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

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

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

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

CAUSE OF DEATH CLASSIFICATION

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

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

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

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

LIVE BIRTHS

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

Table 4
Live Birth Attendance by Race, Oklahoma, 1959

Attendance	Total	White	Negro	Indian
	Total Number Cent	Per Number Cent	Per Number Cent	Per Number Cent
Total live births	51,141	100.0	44,105	100.0
Physician in hospital	49,311	96.4	42,989	97.5
Physician not in hospital	1,262	2.5	977	2.2
Midwife and other	1,568	1.1	139	0.3
	4,774	100.0	2,262	100.0
	8,681	96.4	7,500	96.3
	229	2.5	48	2.5
	402	1.1	84	1.2

Chart 1
Proportion of Live Births by Attendant, by Whether or Not Birth Occurred in Hospital, Oklahoma, 1940, 1950, and 1959

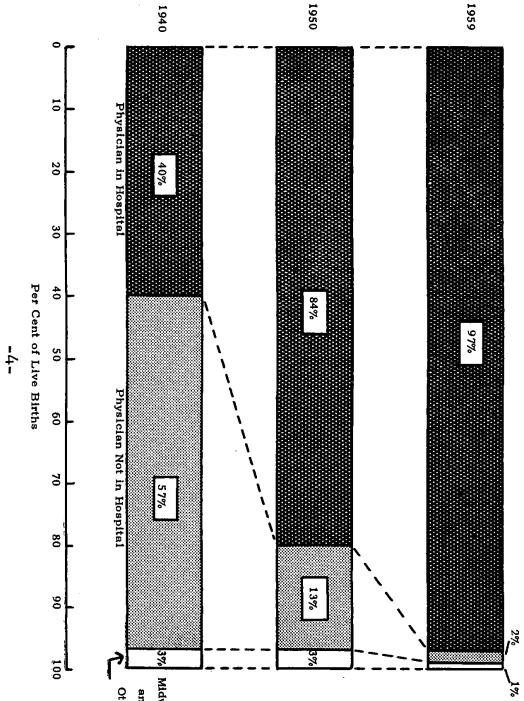


Table 5, below, shows the proportion of immature infants for each race group according to age of the mother. The highest percentage of immature births were to mothers under 15 years of age.

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

Race	Total	Age of Mother						
		-15	15-19	20-24	25-29	30-34	35-39	40-44
Total:	Number**	112	9,720	18,637	11,619	6,431	3,234	893
	Immature**	3,526	2,746	1,230	751	464	251	64
	Per cent immature	7.0	17.9	7.7	6.6	6.5	7.8	6.9
White:	Number**	43,770	62	8,309	16,425	10,079	5,463	2,660
	Immature**	2,807	11	573	1,018	598	363	194
	Per cent immature	6.4	17.7	6.9	6.2	5.9	6.6	4.9
Negro:	Number**	4,693	44	1,025	1,487	1,015	638	368
	Immature**	584	9	148	166	128	80	44
	Per cent immature	12.4	20.5	14.4	11.2	12.6	12.5	9
Indian:	Number**	2,247	6	386	725	525	330	206
	Immature**	135	-	25	46	6.3	21	13
	Per cent immature	6.0	-	6.5	4.8	6.4	6.3	6.1

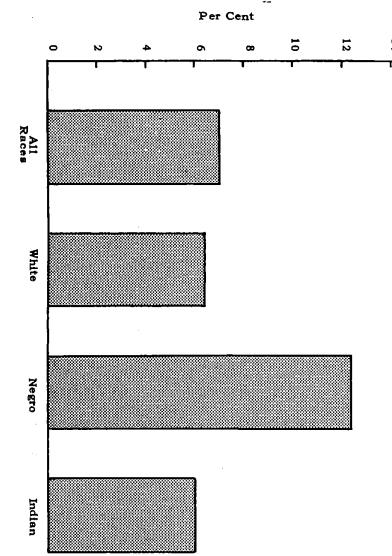
* Number with age and weight specified; 431 excluded from total because weight and/or age unspecified.

** Number with age specified; 3 excluded from total because age unspecified.

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

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

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



STILLBIRTHS

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

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

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

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

Attendance at Birth	Total Number	White Per Cent	Negro Per Cent	Indian Per Cent
Total	684	100.0	545	100.0
Physician in hospital	628	91.8	514	94.3
Physician not in hosp.	42	6.1	29	5.3
Midwife	9	1.3	1	0.2
Other & unknown	5	0.7	4	0.2
	684	100.0	40	100.0

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

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

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

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

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

Time of Death	Total	White	Negro	Indian
	Number	Per Cent	Number	Per Cent
Total stillbirths	684	100.0	545	100.0
Before labor	382	55.3	311	57.1
During labor	136	19.9	105	19.2
Not stated	166	24.3	129	22.2
			23.7	29.3
			8	9
			20.0	20.0

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

TOTAL DEATHS

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

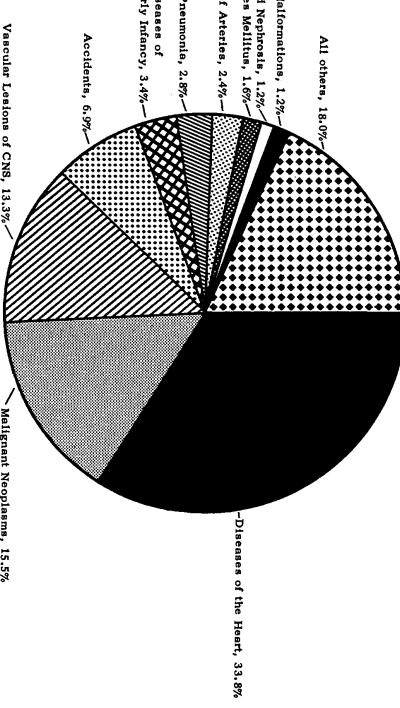
LEADING CAUSES OF DEATH

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

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

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

Chart 3
Leading Causes of Death, Oklahoma, 1959



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

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

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

Heart Disease

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

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

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

Malignant Neoplasms

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

The distribution of cancer deaths by the Intermediate List of 150 Causes is given in Table 9, page 11, which also shows the number in each sex. From this table it may be seen that 1,839, or 54.4 per cent, of the deaths were in males. Male deaths predominated in each of the categories common to both sexes with the exception of "intestine," and in this group the female exceeded the male by almost 18 per cent. Cancer of the breast, although more common among females, caused one death in a male during the year.

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

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

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

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

Vascular Lesions of the Central Nervous System

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

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

Accidents

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

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

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

Certain Diseases of Early Infancy

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

Influenza and Pneumonia

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

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

Diseases of the Arteries

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

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

Diabetes Mellitus

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

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

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

Nephritis and Nephrosis

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

Congenital Malformations

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

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

Other Important Causes of Death

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

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

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

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

COMMUNICABLE DISEASES

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

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

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

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

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

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

MATERNAL DEATHS

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

Table 11

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

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

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

Cause of Death	Total	White	Negro	Indian		
	No.	Rate	No.	Rate	No.	Rate
All maternal causes	22	4.3	17	3.9	5	10.5
Sepsis of pregnancy (640, 641)	-	-	-	-	-	-
Toxemias of pregnancy (642)	2	0.4	2	0.5	-	-
Hemorrhage of pregnancy (643, 644)	-	-	-	-	-	-
Ectopic pregnancy without mention of sepsis (645, 0)	1	0.2	1	0.2	-	-
Ectopic pregnancy with mention of sepsis (645, 1)	-	-	-	-	-	-
Other complications of pregnancy (640-649)	2	0.4	2	0.5	-	-
Abortion without mention of sepsis or toxemia (650)	1	0.2	1	0.2	-	-
Abortion with mention of sepsis (651)	-	-	-	-	-	-
Abortion with mention of toxemia, without mention of sepsis (652)	1	0.2	1	0.2	-	-
Delivery without specified complications (660)	1	0.2	1	2.1	-	-
Hemorrhage of childbirth (670-672)	6	1.2	4	0.9	2	4.2
Sepsis of childbirth and the puerperium (681, 682, 684)	-	-	1	0.2	1	0.2
Toxemias of the puerperium (685, 686)	2	0.4	2	0.5	-	-
Other complications of childbirth and the puerperium (673-680)	5	1.0	3	0.7	2	4.2

* Number per 10,000 live births

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

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

INFANT DEATHS

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

Table 13

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

Cause of Death	Total	White	Negro	Indian		
	No.	Rate	No.	Rate	No.	Rate
Infant deaths, all causes	1235	24.1	951	21.6	208	43.6
Syphilis and its sequelae (020-029)	-	-	-	-	-	-
Whooping cough (056)	2	0.0	1	0.0	1	0.2
Other infective and parasitic diseases (001-019, 030-055, 057-138)	26	0.5	18	0.4	4	0.8
Pneumonia (490-493, 763)	107	2.1	66	1.5	30	6.3
Other diseases of the respiratory system (470-475, 480-483, 500-527)	25	0.5	18	0.4	4	0.8
Gastro-enteritis and colitis (571, 572, 764)	53	1.0	24	0.5	17	3.6
Other diseases of the digestive system (530-570, 573-587)	13	0.3	11	0.2	2	0.4
Congenital malformations (750-759)	174	3.4	158	3.6	19	7.3
Injury at birth (760-761)	115	2.2	90	2.0	19	4.0
Postnatal asphyxia and asphyxia	-	-	-	-	-	-
Hemolytic disease of newborn (erythroblastosis) (770)	24	0.5	22	0.5	2	0.4
Immaturity (774, 776)	227	4.4	174	3.9	42	8.8
Other certain diseases of early infancy (765-769, 771-773)	140	2.7	113	2.6	20	4.2
Accidents (E800-E862)	51	1.0	34	0.8	16	3.4
Other defined causes	34	0.7	28	0.6	4	0.8
Symptoms and ill-defined conditions (780-793, 795)	43	0.8	21	0.5	16	3.4

* Number per 1,000 live births

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

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

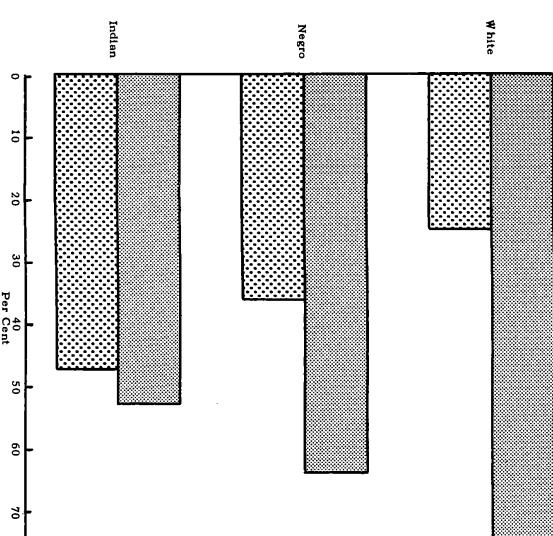
The third leading cause of death among those persons under one year of age, was the congenital malformations category. This cause group was responsible for 174 deaths during the year.

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

Deaths of Infants Under One Month of Age

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

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



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Table 14

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

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Neonatal deaths, all causes . . .	887	17.3	714	16.2	133	27.9	40	17.7
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-
Other infective and parasitic diseases (001-019, 030-035, 057-138)	4	0.1	2	0.0	2	0.4	-	-
Pneumonia (490-493, 763)	30	0.6	19	0.4	9	1.9	2	0.9
Other diseases of the respiratory system (470-475, 480-483, 500-527)	6	0.1	4	0.1	1	0.2	1	0.4
Gastro-enteritis and colitis (571, 572, 764)	8	0.2	5	0.1	1	0.2	2	0.9
Other diseases of the digestive system (530-539, 573-587)	9	0.2	7	0.2	2	0.4	-	-
Congenital malformations (750-759)	113	2.2	101	2.3	6	1.3	6	2.7
Injury at birth (760-761)	114	2.2	89	2.0	19	4.0	6	2.7
Postnatal asphyxia and atelectasis (762)	-	-	-	-	-	-	-	-
Hemolytic disease of newborn (erythroblastosis) (770)	24	0.5	22	0.5	2	0.4	-	-
Immaturity (774, 776)	222	4.3	169	3.8	42	8.8	11	4.9
Other certain diseases of early infancy (765-769, 771-773)	135	2.6	110	2.5	20	4.2	5	2.2
Accidents (B800-E962)	6	0.1	5	0.1	1	0.2	-	-
Other defined causes	10	0.2	8	0.1	2	0.4	-	-
Symptoms and ill-defined conditions (780-793, 795)	14	0.3	9	0.2	4	0.8	1	0.4

* Number per 1,000 live births

The age at which these neonatal deaths occurred is shown in Table 15. During the first week of life, 776, or 87.5 per cent, of the neonatal deaths occurred. This number amounted to 62.8 per cent of all infant deaths. During the first day of life 457 deaths occurred comprising 51.5 per cent of the neonatal deaths, and 37.0 per cent of all infant deaths. The number of deaths per day generally decreased as the age of the infant increased.

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

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

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

Deaths of Infants One through Eleven Months of Age

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

Pneumonia was the leading cause of death in the post-neonatal group. This cause was responsible for 77, 22.1 per cent, of the deaths. Next in importance was the congenital malformations category with 61 deaths. The accidents category numbered 15 deaths in the age group during the year. Also, causing 45 deaths was the gastro-enteritis and colitis category.

As in neonatal deaths, the number of deaths in the age group one through eleven months decreased with increase in age. Table 16, below, shows the number of deaths from important causes at each month of age.

Table 16

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

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

Deaths of Infants One through Eleven Months of Age

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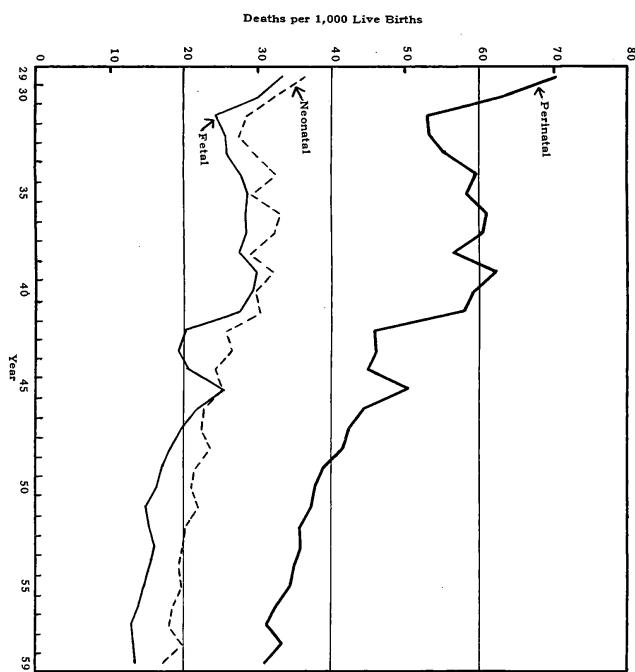
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PERINATAL MORTALITY

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

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

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



* Fetal deaths plus neonatal deaths.

Symbols Used in Tables

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

TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1940-1959
Figures in Parentheses Refer to Fifth Revision of International List of Causes of Death

Estimated population, July 1	1940			1941			1942			1943			1944		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number
Live births*	2,331,857	2,393,509	2,313,261	2,292,933	2,292,625										
Physician in hospital	14,258	19.0	15,313	19.5	15,277	19.6	14,800	20.8	16,895	20.5	17,480	20.8	17,580	20.5	17,750
Physician not in hospital	17,740	...	20,999	...	24,032	...	17,654	...	17,654	...	17,520	...	17,520	...	17,520
Physician, other, or unknown	25,215	...	22,677	...	18,985	...	18,985	...	18,985	...	18,985	...	18,985	...	18,985
Stillbirths*	1,298	29.3	1,222	27.6	511	20.1	928	19.4	575	...	311	...	313	...	313
Physician not in hospital	681	...	583	...	480	...	393	...	393	...	411	...	411	...	411
Total deaths	20,618	8.6	20,971	8.7	18,985	8.6	19,765	8.6	19,765	8.6	19,765	8.6	19,765	8.6	19,765
Deaths under 1 month†	2,236	50.4	2,181	48.1	1,980	42.5	1,980	42.5	1,980	42.5	1,980	42.5	1,980	42.5	1,980
Typhoid, paratyphoid fevers (1, 2)	1,56	2.4	1,377	3.5	1,356	3.5	1,356	3.5	1,356	3.5	1,356	3.5	1,356	3.5	1,356
Unsanitary fever (5)	12	0.5	9	0.4	10	0.4	10	0.4	10	0.4	10	0.4	10	0.4	10
Meningococcus meningitis (6)	5	0.2	5	0.2	3	0.1	5	0.2	3	0.1	5	0.2	1	0.1	1
Scarlet fever (8)	7	0.3	5	0.2	4	0.2	5	0.2	4	0.2	5	0.2	4	0.2	4
Measles (9)	24	2.4	122	5.3	448	2.1	66	3.7	37	1.8	33	1.4	30	1.4	30
Diphtheria (10)	73	3.1	67	2.9	54	2.3	25	1.1	23	1.0	20	0.9	18	0.9	18
Measles (12)	26	1.1	26	0.5	29	0.4	17	0.7	17	0.7	17	0.7	17	0.7	17
Trachoma, all forms (14-22)	1,185	48.2	1,003	45.0	973	42.4	829	39.3	829	39.3	829	39.3	829	39.3	829
Neonatal tetanus, all forms (33-42)	1,012	44.2	974	42.5	912	39.2	872	36.0	872	36.0	872	36.0	872	36.0	872
Dysentery (27)	73	3.1	58	2.5	814	3.5	712	3.0	712	3.0	712	3.0	712	3.0	712
Malaria (28)	22	0.9	53	2.3	23	0.9	51	2.3	51	2.3	51	2.3	51	2.3	51
Syphilis (30)	265	11.4	235	9.7	211	7.4	182	7.9	182	7.9	182	7.9	182	7.9	182
Influenza (33)	589	25.2	501	23.3	237	10.2	296	12.9	296	12.9	296	12.9	296	12.9	296
Smallpox (34)	-	-	3	0.1	20	0.9	89	3.8	4	0.2	34	1.5	34	1.5	34
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anute poliomyelitis and acute	20	0.9	35	0.6	16	0.6	33	1.4	6	0.3	2	0.1	2	0.1	2
problem complications (36)	22	0.5	11	0.5	11	0.5	2	0.1	2	0.1	2	0.1	2	0.1	2
Acute intestinal enteritis and	22	0.5	31	0.1	3	0.1	2	0.1	2	0.1	2	0.1	2	0.1	2
other intestinal diseases (36-39)	13	0.5	11	2.5	20b	29	31-32	38	31-32	38	31-32	38	31-32	38	31-32
Cancer (45-55)	394	16.0	394	16.0	394	16.0	394	16.0	394	16.0	394	16.0	394	16.0	394
Other tumors (56-77)	97	4.2	120	5.2	117	5.1	109	4.7	109	4.7	109	4.7	109	4.7	109
Acute rheumatic fever (58)	39	1.7	26	1.1	26	1.0	25	1.1	23	1.1	23	1.1	23	1.1	23
Diabetes mellitus (61)	331	14.2	342	14.7	334	14.4	342	14.4	342	14.4	342	14.4	342	14.4	342
Feltinger (69)	52	2.5	58	2.5	59	2.6	48	2.1	48	2.1	48	2.1	48	2.1	48
Other diseases of nutrition, embolism	1,892	81.1	1,814	78.1	1,922	83.1	2,011	88.6	1,856	81.0	1,856	81.0	1,856	81.0	1,856
Other heart diseases (60-62)	70	3.0	61	2.6	74	3.2	77	3.3	80	3.5	80	3.5	80	3.5	80
Diabetes mellitus (62-64)	122	5.2	150	6.5	141	6.1	165	7.2	134	5.8	134	5.8	134	5.8	134
Chronic poisoning and intoxication (67-79)	10	1.7	38	1.6	24	1.0	24	1.0	24	1.0	24	1.0	24	1.0	24
Gebral hemorrhage, embolism, thrombosis, softening (83)	1,046	46.0	1,046	46.0	1,046	46.0	1,046	46.0	1,046	46.0	1,046	46.0	1,046	46.0	1,046
Other diseases of nervous system and sense organs (86-92)	290	12.5	276	11.9	258	11.2	260	11.5	260	11.5	260	11.5	260	11.5	260
Diseases of the heart (94-95)	3,060	13.5	4,137	18.5	4,137	18.5	3,571	15.5	3,571	15.5	3,571	15.5	3,571	15.5	3,571
Diseases of the arteries (96-99)	311	13.3	119	5.0	306	13.2	324	13.9	324	13.9	324	13.9	324	13.9	324
Other diseases of the circulatory system	1,358	58.2	1,374	18.8	980	14.6	999	13.4	999	13.4	999	13.4	999	13.4	999
Prune belly syndrome (100-102)	209	9.0	199	8.6	212	9.2	206	8.8	206	8.8	206	8.8	206	8.8	206
Diarrhea and enteritis over 2 years (120)	231	9.9	209	4.7	227	12.5	226	11.5	226	11.5	226	11.5	226	11.5	226
Appendicitis (121)	122	4.8	66	2.8	52	2.2	77	3.3	77	3.3	77	3.3	77	3.3	77
Hernia, intestinal obstruction (122)	302	12.9	257	11.1	182	7.9	164	6.8	164	6.8	164	6.8	164	6.8	164
Other diseases of the digestive system	223	9.6	166	8.0	173	7.5	178	7.0	178	7.0	178	7.0	178	7.0	178
115-116, 123, 125-129	119	5.1	103	4.5	103	4.5	115	5.7	115	5.7	115	5.7	115	5.7	115
Necrotizing enterocolitis (126-128)	1,047	42.9	1,047	42.9	1,047	42.9	1,047	42.9	1,047	42.9	1,047	42.9	1,047	42.9	1,047
Other diseases of the genito-urinary system	265	11.4	259	11.1	245	10.6	239	9.9	239	9.9	239	9.9	239	9.9	239
Diseases of pregnancy, childbirth, and the genitalia (129-131)	162	36.6	136	25	35	32.0	35	31.1	35	31.1	35	31.1	35	31.1	35
Septicemia (130-132)***	55	12.7	57	5.7	55	5.5	55	5.5	55	5.5	55	5.5	55	5.5	55
Congenital malformations, disease peculiar to first year of life (137-161)	1,277	51.7	1,360	50.5	1,093	47.2	1,250	54.3	1,155	50.4	1,265	51.6	1,155	50.4	1,155
Syphilis (132-140)	148	20.9	150	19.4	148	21.0	162	15.1	151	15.1	151	15.1	151	15.1	151
Stroke (141-149)	197	8.4	207	8.8	168	7.3	151	6.6	149	6.6	149	6.6	149	6.6	149
Neonatal death and unknown (150-159)	1,161	6.3	1,155	5.8	1,127	5.5	1,099	4.3	1,099	4.3	1,099	4.3	1,099	4.3	1,099
Neonatal death and unknown (160-169)	1,161	6.3	1,155	5.8	1,127	5.5	1,099	4.3	1,099	4.3	1,099	4.3	1,099	4.3	1,099
Other defined and unknown (170-199)	200	8.6	203	9.1	180	10.2	180	10.2	180	10.2	180	10.2	180	10.2	180
Other defined and unknown (200-209)	576	24.7	522	23.5	464	20.1	464	18.5	464	18.5	464	18.5	464	18.5	464

*Numbers represent number per 1,000 estimated population.

**Per 1,000 estimated population.

†Per 1,000 live births.

‡Per 10,000 live births.

§Per 10,000 estimated population.

TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1940-1959
Figures in Parentheses Refer to Fifth Revision of International List of Causes of Death
(Continued)

Estimated population, July 1	1945	1946	1947	1948	1949	1950	1951	1952
	2,282,317	2,272,009	2,263,701	2,252,393	2,241,085	2,231,351 ^{1a}	2,230,730	2,235,819
Live births*	31,105	30,913	22,0	52,692	23,3	50,128	22,4	49,971
Physician in hospital	31,190	30,962	***	52,621	23,3	50,125	22,4	49,971
Physician not in hospital	10,729	9,752	***	9,821	***	10,125	22,6	13,507
Midwife, other, or unknown	1,482	1,505	***	1,475	***	1,426	22,6	13,507
Stillbirths*	35,3	1,093	21,8	1,013	10,8	1,057	17,2	1,050
Physician in hospital	339	789	***	756	***	1,026	17,2	1,050
Physician not in hospital	28	273	***	270	***	655	16,3	15,3
Total deaths, all causes	16,731	8,2	10,20	19,101	8,1	19,106	8,6	19,109
Deaths under 1 year*	1,177	3,3	33	3,3	33	3,3	32	32
Deaths under 1 month*	1,120	1,041	32,8	1,041	32,6	1,041	32,6	1,041
Total deaths, all causes	15,525	1,135	1,135	1,135	1,135	1,135	1,135	1,135
Deaths under 1 year	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Underlying cause	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Unlabeled fever	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Meningococcal meningitis	6	1	1	1	1	1	1	1
Scarlet fever	8	2	1	1	1	1	1	1
Whooping cough	6	47	21	25	11	18	20	18
Diphtheria	1	51	2,1	2,1	1,1	0,7	0,7	0,7
Tetanus	142	9	0,4	7	0,3	0,4	0,3	0,3
Tuberculosis, all forms	13,22	823	36,1	31,0	31,0	32,6	27,6	24,5
Respiratory system (13)	770	33,7	653	28,7	644	29,1	35,8	30,9
Tumors	68	1	0,1	0,1	0,1	0,1	0,1	0,1
Diphtheria	1	1	0,1	0,1	0,1	0,1	0,1	0,1
Rodney Mountain spotted fever	396	53	2,2	9	0,4	18	0,8	0,3
Other infectious and parasitic diseases	2,261	2,261	2,261	2,261	2,261	2,261	2,261	2,261
Gastroenteritis and enteritis	60	62,6	7,6	8,5	17,6	16,2	14,2	12,4
Diarrhea	30	173	192	192	189	189	189	189
Influenza	13	225	9,9	8,4	119	5,3	3,4	1,6
Smallpox	30	4	0,2	31	1,4	-	7	0,3
Measles	14	1	0,2	31	1,4	-	7	0,3
Acute poliomyelitis and acute poliomyelitis	13	1,6	34	1,5	2	0,1	35	1,6
Acute infectious encephalitis	14	0,2	34	0,4	7	0,3	35	0,3
Other diseases of nutrition, endocrine glands, and metabolism	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diseases of the blood and blood-forming organs	172	170	1,120	1,120	1,120	1,120	1,120	1,120
Chronic heart disease	172	170	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the circulatory system	172	170	1,120	1,120	1,120	1,120	1,120	1,120
Cardiovascular embolism, thrombosis, and embolic phenomena	172	170	1,120	1,120	1,120	1,120	1,120	1,120
Pallidosa	69	1,3	26	1,1	25	1,1	30	1,7
Other diseases of nutrition, endocrine glands, and metabolism	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diseases of the heart (90-92)	70	19	3,5	62	2,7	66	59	2,6
Other diseases of the circulatory system	172	170	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system and sense organs (90-92, 98-99)	70	19	3,5	62	2,7	66	59	2,6
Diseases of the heart (90-92)	70	19	3,5	62	2,7	66	59	2,6
Other diseases of the circulatory system	100-102	100-102	100-102	100-102	100-102	100-102	100-102	100-102
Pneumonia, all forms (107-109)	866	84	3,7	159	7,0	187	6,3	17,3
Other diseases of the respiratory system	1,911	83,7	1,992	87,6	2,018	89,2	2,014	89,5
Other diseases of the respiratory system	1,911	83,7	1,992	87,6	2,018	89,2	2,014	89,5
Diarrheas and enteritis over 2 years	120	234	272	12,0	254	11,2	9,6	226
Appendicitis	121	4,87	1,87	4,87	1,87	4,87	1,87	4,87
Hernias, intestinal obstruction	122	328	114	321	116	325	115	325
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	364	15,9	362	15,9	366	13,7	352
Esophagitis	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the gastrointestinal system	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction	122	115	1,120	1,120	1,120	1,120	1,120	1,120
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system (90-92, 98-99)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years (120)	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis (121)	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction (122)	122	115	1,120	1,120	1,120	1,120	1,120	1,120
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system (90-92, 98-99)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years (120)	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis (121)	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction (122)	122	115	1,120	1,120	1,120	1,120	1,120	1,120
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system (90-92, 98-99)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years (120)	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis (121)	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction (122)	122	115	1,120	1,120	1,120	1,120	1,120	1,120
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system (90-92, 98-99)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years (120)	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis (121)	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction (122)	122	115	1,120	1,120	1,120	1,120	1,120	1,120
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system (90-92, 98-99)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years (120)	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis (121)	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction (122)	122	115	1,120	1,120	1,120	1,120	1,120	1,120
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system (90-92, 98-99)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years (120)	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis (121)	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction (122)	122	115	1,120	1,120	1,120	1,120	1,120	1,120
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system (90-92, 98-99)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years (120)	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis (121)	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction (122)	122	115	1,120	1,120	1,120	1,120	1,120	1,120
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system (90-92, 98-99)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years (120)	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis (121)	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction (122)	122	115	1,120	1,120	1,120	1,120	1,120	1,120
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system (90-92, 98-99)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years (120)	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis (121)	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction (122)	122	115	1,120	1,120	1,120	1,120	1,120	1,120
Cirrhosis of the liver (124)	101	101	101	101	101	101	101	101
Other diseases of the digestive system (111-118, 123-125)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Other diseases of the nervous system (90-92, 98-99)	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Diarrheas and enteritis over 2 years (120)	120	113	1,120	1,120	1,120	1,120	1,120	1,120
Appendicitis (121)	121	113	1,120	1,120	1,120	1,120	1,120	1,120
Hernias, intestinal obstruction (122)</								

TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1940-1959
Figures in Parentheses Refer to Sixth and Seventh Revisions of International Lists of Causes of Death

(Continued)

Estimated population, July 1	1953		1954		1955		1956	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live births*	51,275	22.9	51,457	23.0	50,636	22.4	51,894	22.0
Physician in hospital, or unknown	46,633	...	47,259	...	47,662	...	48,980	...
Midwife, other, or unknown	3,605	...	3,289	...	2,294	...	2,222	...
Physician in hospital	1,877	15.9	707	15.3	722	14.5	720	13.9
Physician not in hospital	665	...	696	...	630	...	639	...
Total deaths, all causes	22	...	20	...	17	...	18	...
Deaths under 1 month	1,466	28.6	1,920	27.1	1,388	26.4	1,376	26.3
Tuberculosis, all respiratory (001-009)	1,025	20.6	1,011	22.2	9,9	19.9	971	18.7
Syphilis and its sequelae (020-029)	16	10.7	12	15	7.6	18.1	7.7	13
Typhoid fever (040)	83	3.7	80	3.6	41	1.8	44	1.9
Diphtheria, all forms (045-048)	20	0.9	12	0.5	12	0.5	5	0.2
Scarlet fever and streptococcal sore throat (050-051)	6	0.3	6	0.2	2	0.1	7	0.3
Phthisis (055)	-	-	3	0.1	3	0.1	3	0.1
Hearing-canal infections (057)	10	0.4	10	0.4	11	0.5	6	0.3
Acute polyarthritis (060)	16	0.7	23	1.0	6	0.3	3	0.1
Neuritis (060)	-	-	-	-	-	-	-	-
Hernia (060)	16	0.7	5	0.2	4	0.2	16	0.7
Typhus and other rickettsial diseases (100-109)	1	0.0	1	0.0	1	0.0	1	0.0
All other diseases classified as infective and parasitic (090-099, 041-044, 046-049, 052-055, 059-074, 081-085, 086-096, 120-139)	68	3.0	84	3.8	81	3.6	87	3.7
Macrogametoplasias, including neoplasms of lymphatic and hemopoietic tissues (140-203)	2,959	131.4	3,043	136.0	3,122	138.1	3,232	136.9
Bone and joint neoplasms (210-239)	302	2.3	316	2.8	311	3.1	314	2.3
Anemias (290-299)	340	15.2	316	14.1	315	13.9	283	12.0
Vascular lesions affecting central nervous system (330-334)	2,465	110.2	2,607	115.5	2,396	106.0	2,771	117.4
Nonmeningococcal meningitis (340)	11	0.5	19	0.6	19	0.8	22	0.9
Rheumatic fever (400-402)	157	7.0	186	8.5	184	8.4	171	7.2
Arteriosclerotic and degenerative heart disease (420-422)	4,743	212.0	4,921	219.9	5,202	230.2	5,612	237.7
Other diseases of heart (430-436)	575	25.7	575	25.7	540	23.9	523	23.3
Hypertension with heart disease (440-443)	782	35.0	757	35.0	748	33.1	770	32.6
Hypertension without mention of heart (444-447)	207	9.0	182	8.5	157	6.9	186	7.9
Influenza (480-483)	597	24.7	539	24.1	537	23.8	595	23.2
Pneumonia (490-493)	112	4.5	99	4.1	91	4.4	129	4.9
Bronchitis (500-502)	42	1.9	42	1.9	44	1.9	42	1.9
Ulcer of stomach and duodenum (540-541)	37	7.2	38	7.4	26	5.1	35	5.1
Appendicitis (550-551)	245	11.0	239	10.7	211	9.9	212	9.5
Intestinal obstruction and hernia (560-561, 570-579)	124	5.5	134	6.9	122	5.4	145	6.1
Gastritis, duodenitis, enteritis and colitis (570-579)	119	5.0	120	5.0	114	4.8	124	4.7
Cirrhosis of liver (580-589)	88	3.9	107	4.8	75	3.3	105	4.6
Other diseases peculiar to early infancy (590-599)	41	1.8	46	2.1	59	2.6	56	2.4
Hypoplasia of prostate (610)	323	16.5	308	16.9	312	13.2	342	14.2
Complications of pregnancy, childbirth and the puerperium (640-649)*	410	18.3	433	19.5	440	19.5	419	17.8
All other diseases (residual)	245	11.0	239	10.7	211	9.9	212	9.5
Birth injuries, postnatal asphyxia and tetanus (680-682)	421	18.8	360	16.1	331	14.6	301	12.8
Infection of the newborn (683-686)	41	1.8	46	2.1	59	2.6	56	2.4
Other diseases peculiar to early infancy (690-699)	323	16.5	308	16.9	312	13.2	342	14.2
Syphilis and nephritis (590-594)	510	2.2	487	2.0	486	1.9	499	1.8
Hyperplasia of prostate (590-594)	111	4.8	111	4.8	111	4.8	111	4.8
Complications of pregnancy, childbirth and the puerperium (640-649)**	37	7.2	38	7.4	26	5.1	35	5.1
Congenital malformations (700-759)	561	27.0	560	27.0	559	25.2	564	29.8
Birth injuries, postnatal asphyxia and tetanus (680-682)	607	27.1	608	27.2	602	27.5	602	27.5
Infection of the newborn (683-686)	421	18.8	360	16.1	331	14.6	301	12.8
Other diseases peculiar to early infancy (690-699)	323	16.5	308	16.9	312	13.2	342	14.2
Syphilis without mention of psychosis (760-769)	111	4.8	111	4.8	99	4.2	111	4.8
All other diseases (residual)	1,574	70.6	1,650	70.0	1,559	72.7	1,620	71.1
Motor-vehicle accidents (810-885)	638	37.5	892	39.9	796	35.2	793	34.8
All other accidents (880-882, 880-882)	195	8.7	166	7.4	214	9.5	171	7.2
Stroke and self-inflicted injury (890-893)	195	8.7	166	7.4	214	9.5	171	7.2
Industrial and occupational accidents (894-897)	121	5.4	103	4.6	102	4.5	104	4.4

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TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1940-1959
Figures in Parentheses Refer to Sixth and Seventh Revisions of International Lists of Causes of Death

(Continued)

Estimated population, July 1	1957		1958		1959		1960	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live births*	51,349	22.5	50,532	22.0	51,161	22.5	51,474	22.5
Physician in hospital	48,929	...	48,572	...	49,311	...	49,311	...
Midwife, other, or unknown	1,765	...	1,468	...	1,262	...	1,262	...
Stillbirths	665	...	611	...	684	...	684	...
Physician in hospital	610	...	627	...	627	...	627	...
Physician not in hospital	36	...	35	...	42	...	42	...
Midwife, other, or unknown	15	...	14	...	14	...	14	...
Total deaths under 1 year*	21,996	94.5	21,812	93.9	21,996	94.5	22,123	94.1
Tuberculosis of respiratory system (001-008)	1,805	18.2	1,719	17.9	1,813	18.2	1,719	17.7
Spina bifida and its sequelae (010-019)	152	6.7	121	5.3	152	6.7	121	5.3
Typhoid fever (040)	56	2.5	35	1.5	48	2.1	48	2.1
Diphtheria, all forms (045-048)	1	0.0	1	0.0	1	0.0	1	0.0
Scarlet fever and streptococcal sore throat (050-051)	7	0.5	5	0.5	5	0.5	5	0.2
Malaria (110-117)	1	0.0	1	0.0	1	0.0	1	0.0
All other diseases classified as infective and parasitic (090-099, 041-044, 046-049, 052-055, 059-074, 081-085, 086-096, 120-139)	98	4.3	85	3.7	96	4.2	85	3.7
Nonmeningococcal meningitis (340)	3,307	144.8	3,223	140.2	3,418	150.7	3,418	150.7
Benign and unspecified neoplasms (210-239)	3,59	15.4	3,277	12.0	3,61	15.1	3,61	15.1
Amenorrhea (290-293)	316	13.8	313	12.0	344	15.1	344	15.1
Vascular lesions affecting central nervous system (330-334)	44	1.9	58	2.5	57	2.5	57	2.5
Neuromeningocele meningitis (340)	2,795	122.4	2,883	123.6	2,926	128.6	2,926	128.6
Nonmeningococcal meningitis (340)	32	1.4	32	1.4	32	1.4	32	1.4
Rheumatic fever (400-402)	16	0.7	16	0.7	17	0.7	17	0.7
Chronic rheumatic heart disease (410-416)	169	7.4	171	7.4	162	7.1	162	7.1
Bronchitis (500-502)	34	1.5	34	1.5	34	1.5	34	1.5
Ulcer of stomach and duodenum (540-541)	128	5.6	128	5.6	118	5.2	118	5.2
Appendicitis (550-551)	32	1.4	32	1.4	32	1.4	32	1.4
Intestinal obstruction and hernia (560-561)	32	1.4	32	1.4	32	1.4	32	1.4
Hypertension without mention of heart (444-447)	173	7.6	198	8.6	194	8.0	194	8.0
Influenza (480-483)	173	7.6	65	9.1	48	8.0	48	8.0
Pneumonia (490-493)	648	28.4	648	28.5	577	25.4	577	25.4
Bronchitis (500-502)	34	1.5	34	1.5	34	1.5	34	1.5
Ulcer of stomach and duodenum (540-541)	128	5.6	128	5.6	118	5.2	118	5.2
Appendicitis (550-551)	32	1.4	32	1.4	32	1.4	32	1.4
Intestinal obstruction and hernia (560-561)	32	1.4	32	1.4	32	1.4	32	1.4
Gastritis, duodenitis, enteritis and colitis (570-579)	134	5.9	135	5.9	135	6.7	135	6.7
Gastritis, duodenitis, enteritis and colitis (570-579), except diarrhea of the newborn (563)	113	4.9	83	3.6	103	4.5	103	4.5
Cirrhosis of liver (561)	163	7.1	173	7.5	143	6.3	143	6.3
Nephritis and nephrosis (590-594)	310	13.6	316	13.6	270	11.7	270	11.7
Hyperplasia of prostate (610)	34	1.5	34	1.5	44	4.4	44	4.4
Complications of pregnancy, childbirth and the puerperium (640-649)**	25	4.9	18	3.6	22	4.3	22	4.3
the puerperium (640-649)***	23	10.3	23	10.3	23	11.2	23	11.2
Congenital malformations (700-759)	343	13.9	317	13.9	303	14.5	303	14.5
Birth injuries, postnatal asphyxia and tetanus (680-682)	59	2.6	62	2.7	49	2.2	49	2.2
Infection of the newborn (683-686)	177	7.7	177	7.7	177	7.7	177	7.7
Other diseases peculiar to early infancy (690-699)	335	15.5	456	19.8	381	16.7	381	16.7
Syphilis without mention of psychosis (760-769)	810	35.5	861	37.4	810	40.3	810	40.3
All other diseases (residual)	1,736	76.6	1,831	82.5	1,878	82.5	1,878	82.5
Motor-vehicle accidents (810-885)	817	35.8	816	35.6	864	38.0	864	38.0
All other accidents (880-882, 880-882)	184	8.1	205	8.9	211	9.3	211	9.3
Stroke and self-inflicted injury (890-893)	101	4.4	118	5.1	119	5.2	119	5.2

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TABLE B. HISTORICAL SUMMARY OF CERTAIN CAUSES OF DEATH, ADJUSTED BY 1919 COMPARABILITY RATIO*, NUMBER AND RATE PER

Cause of Death	International List									
	5th Revision	6th Revision	Comparability Ratio*	1910	1911	1912	1913	1914	Adjusted Deaths	
Tuberculosis, all forms	(13-22)	(001-019)	0.9617	1,082	1,614	1,023	926	10,5	891	38.8
Tuberculosis, respiratory system	(13)	(001-008)	0.9627	42.5	95	10,3	873	37.7	824	35.8
Syphilis	(30)	(020-029)	0.851	225	9,6	191	8,2	116	6,3	179
Influenza	(33)	(040-043)	1,2105	713	36,6	65	28,2	207	12,4	358
Cancer	(15-55)	(140-205)	1,035	1,92	86,4	1,990	85,6	1,997	86,3	1,988
Acute rheumatic fever	(58)	(400-402)	1,4667	57	2,1	38	1,6	32	1,1	37
Diabetes mellitus	(63)	(260)	0,6727	223	9,6	230	9,9	295	9,7	257
Cerebral hemorrhage, embolism, thrombosis, softening, etc..	(83)	(310-334)	1,062	1,579	84,8	1,397	81,6	2,010	86,9	2,135
Diseases of the heart	(90-95)	(410-443)	1,0852	4,168	179,4	4,596	197,8	4,689	194,1	4,700
Pneumonia, all forms	(107-109)	(180-493)	0,8682	1,739	50,5	984	42,3	851	36,8	867
Appendicitis	(121)	(550-553)	0,9294	281	12,0	239	10,3	169	7,3	152
Gallbladder and biliary tract diseases	(124)	(581)	0,8099	96	h.1	78	3,4	83	3,6	93
Nephritis,	(130-132)	(590-594)	0,4630	679	29,1	609	26,2	528	23,3	582
Congenital malformations, diseases peculiar to first year of life	(397-461)	(750-776)	1,0661	1,310	56,1	1,395	60,0	1,121	48,5	1,283
Accidents,	(469-495)	(F800-S962)	0,9400	1,271	54,6	1,397	59,3	1,377	59,5	58,7
									1,338	58,1
									1,299	56,7
										1,185
										51,7
										49,7
International List										
Cause of Death	5th Revision	6th Revision	Comparability Ratio*	1915	1916	1917	1918	1919	Adjusted Deaths	
Tuberculosis, all forms	(13-22)	(001-019)	0,9617	792	31,7	677	29,8	680	30,1	598
Tuberculosis, respiratory system	(13)	(001-008)	0,9627	711	36,5	629	27,7	639	28,3	528
Syphilis	(30)	(020-029)	0,8521	147	6,4	163	7,2	150	6,6	138
Influenza	(33)	(180-483)	1,2105	212	11,9	164	10,2	140	6,1	121
Cancer	(45-55)	(140-205)	1,0355	2,216	98,4	2,258	94,4	2,390	105,7	2,529
Acute rheumatic fever	(58)	(100-102)	1,4667	35	1,1	22	1,0	12	0,5	13
Diabetes mellitus	(63)	(260)	0,6727	239	10,5	231	10,2	237	10,5	261
Cerebral hemorrhage, embolism, thrombosis, softening, etc..	(83)	(310-334)	1,0662	1,939	87,6	2,083	91,7	2,111	93,3	2,207
Diseases of the heart	(90-95)	(410-443)	1,0852	4,652	203,8	4,906	215,9	5,383	228,0	5,621
Pneumonia, all forms	(107-109)	(490-542)	0,8682	38,9	667	29,4	684	30,2	629	27,9
Appendicitis	(121)	(550-553)	0,9294	105	5,5	87	3,8	83	3,7	79
Cirrhosis of the liver	(124)	(581)	0,8099	92	3,6	107	4,7	92	4,1	105
Nephritis.	(130-132)	(590-594)	0,4630	516	22,6	472	20,8	168	20,7	479
Congenital malformations, diseases peculiar to first year of life	(397-461)	(750-776)	1,0661	1,082	47,4	1,391	52,4	1,196	52,9	1,287
Accidents,	(469-495)	(F800-S962)	0,9400	1,161	64,0	1,419	62,5	1,508	64,7	1,403

*Ratio of 1919 deaths classified by sixth revision (including Leukemia) to 1919 deaths classified by fifth revision (excluding leukemia).

* Rates represent number per 1,000 estimated population.

All figures in this table are by place of occurrence.
†Rates represent number per 1,000 live births.

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

(Continued)

Estimated population, July 1, 1959	Total		White		Negro		Indian	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total deaths all causes*	2,276,000	2,064,250	150,941	150,941	53,769	53,769		
Tuberculosis of respiratory system (001-008)	21,596	9.7	19,672	9.5	1,760	11.1	564	10.5
Tuberculosis of nervous system (010-014)	121	5.3	89	4.3	13	8.2	19	35.3
Tuberculosis of bones and joints (015-019)	7	0.3	2	0.1	-	-	5	9.3
Tuberculosis of intestines, peritoneum and mesenteric glands (020-024)	-	-	-	-	-	-	-	-
Gonococcal infection (020-024)	2	0.1	1	0.0	-	-	1	1.9
Early syphilis (040)	7	0.3	4	0.2	1	0.6	2	3.7
Tubes dorsalis (040)	3	0.1	2	0.1	-	-	1	1.9
General paralysis of insane (025)	-	-	-	-	-	-	-	-
All other syphilis (022, 023, 026-029)	45	2.0	38	1.8	7	4.4	-	-
Gonococcal infection (020-023)	1	0.0	1	0.0	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-
Paratyphoid fever and other Salmonella infections (041-042)	-	-	-	-	-	-	-	-
Cholera (043)	-	-	-	-	-	-	-	-
Bilharziasis (044)	5	0.2	4	0.2	1	0.6	-	-
Dysentery, amebic (046-049)	1	0.0	1	0.0	-	-	-	-
Scarlet fever (050)	2	0.1	1	0.0	-	-	1	1.9
Streptococcal sore throat (051)	-	-	-	-	-	-	-	-
Esophagitis (052)	34	1.5	30	1.5	2	3.7	-	-
Sore throat and pyemia (053)	4	0.2	3	0.1	1	1.3	-	-
Diphtheria (055)	3	0.1	1	0.1	2	1.3	-	-
Hiboropharyngitis (056)	8	0.4	8	0.4	1	1.3	-	-
Meningoencephalitis (057)	-	-	-	-	-	-	-	-
Pneumonia (058)	-	-	-	-	-	-	-	-
Tonsillitis (060)	-	-	-	-	-	-	-	-
Leptospirosis (060)	-	-	-	-	-	-	-	-
Anterior uveitis (062)	6	0.3	6	0.3	-	-	-	-
Acute poliomyelitis (080)	10	0.4	8	0.4	1	0.6	1	1.9
Late effects of acute poliomyelitis and acute infectious encephalitis (082)	4	0.2	4	0.2	-	-	-	-
Smallpox (084)	5	0.2	2	0.1	1	0.6	-	-
Malaria (085)	-	-	-	-	-	-	-	-
Yellow fever (091)	13	0.6	12	0.6	1	1.9	-	-
Other diseases due to helminths (092)	-	-	-	-	-	-	-	-
Arbovirus diseases (094)	-	-	-	-	-	-	-	-
All other diseases classified as infective (100-108)	2	0.1	1	0.0	-	-	-	-
Malaria (110-117)	1	0.0	-	-	1	1.9	-	-
Schistosomiasis (123)	-	-	-	-	-	-	-	-
Scabies (125)	-	-	-	-	-	-	-	-
Filariasis (127)	-	-	-	-	-	-	-	-
Amphytromiasis (129)	-	-	-	-	-	-	-	-
Other diseases due to helminths (128, 126, 129, 130)	-	-	-	-	-	-	-	-
All other diseases classified as infective (100-108), other than malarial (084, 085, 089, 091, 092, 093, 094, 095, 096, 097, 101-108, 110-117, 120-122, 131-138)	35	1.5	28	1.4	4	2.5	3	5.6
Malignant neoplasm of buccal cavity and pharynx (140-146)	67	2.9	61	3.0	5	3.2	1	1.9
Malignant neoplasm of esophagus (150)	50	2.2	39	1.9	11	2.7	3	5.6
Malignant neoplasm of stomach (151)	262	11.5	232	11.2	27	17.1	3	11.9
Malignant neoplasm of intestine, except rectum (152-155)	341	15.0	314	15.2	16	10.1	11	20.5
Malignant neoplasm of rectum (156)	88	3.9	82	3.8	6	4.1	1	1.9
Malignant neoplasm of liver (161)	17	0.7	16	0.8	1	0.6	-	-
Malignant neoplasm of lung, trachea, bronchi, and other parts of respiratory system (162-168)	473	20.8	445	21.6	25	15.8	3	5.6
Malignant neoplasm of breast (170)	117	5.1	95	4.6	11	11.4	2	3.7
Malignant neoplasm of cervix uteri (171)	4.0	84	8	5.1	2	3.7	1	1.9
Malignant neoplasm of other and unspecified parts of uterus (172-174)	228	10.7	207	10.9	19	12.0	4	5.7
Malignant neoplasm of prostate (177)	93	4.1	87	4.2	2	3.7	1	1.9
Malignant neoplasm of bone and connective tissue (196, 197)	59	2.6	55	2.7	4	2.5	-	-

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

**Rates represent number per 1,000 estimated population.

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

	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, 182-185, 189, 190)	944	41.5	870	42.1	47	29.8	27	50.2
Leukemia and aleukemia and other neoplasms of lymphatic and hematopoietic system (200-203, 205)	177	7.8	161	7.8	13	8.2	3	5.6
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic system (200-203, 205)	153	6.7	141	6.8	9	5.7	3	5.6
Benign neoplasms and neoplasms of unspecified nature (210-229)	61	2.7	49	2.4	10	6.3	2	3.7
Non-toxic goiter (250, 251)	9	0.4	8	0.4	1	0.6	-	-
Hypertension, including borderline hypertension (260-269)	344	15.1	298	14.4	26	16.5	20	37.2
Anemia, including all other deficiency states (280-285)	34	1.5	31	1.5	3	1.9	-	-
Amenorrhea (290-293)	45	2.0	37	1.8	6	3.8	2	3.7
Allergic disorders, all other endocrine, metabolic and blood diseases (260-265, 253, 254, 270-277, 287-290, 294-299)	153	6.7	148	7.2	3	1.9	2	3.7
Psychosis, (300-309)	31	1.4	23	1.1	4	2.5	1	1.9
Psychoneuroses and disorders of personality (310-319, 340)	4	0.2	4	0.2	-	-	3	5.6
Mental deficiency (255-264)	-	-	-	-	-	-	2	3.7
Neuritis, neuroneuropathy, peripheral nerve disease (310-319)	2,956	128.6	2,663	129.0	218	138.0	45	83.7
Nonsyphilitic meningitis (340)	17	0.7	15	0.4	-	-	-	-
Multiple sclerosis (345)	19	0.8	16	0.5	1	0.6	-	-
Epilepsy (353)	16	0.7	11	0.5	-	-	-	-
Inflammatory diseases of eye (370-379)	-	-	-	-	-	-	-	-
Cataract (385)	-	-	-	-	-	-	-	-
Glaucoma (387)	-	-	-	-	-	-	-	-
Otitis media and mastoiditis (391-393)	5	0.2	2	0.1	1	0.6	2	3.7
All other diseases of the nervous system and sense organs (394-399, 399-400, 400-401, 400-402, 400-403)	2,956	128.6	2,663	129.0	218	138.0	45	83.7
Arthritis, rheumatic (404-447)	129	5.7	116	5.6	9	5.7	4	7.4
Rheumatic fever (400-402)	9	0.4	7	0.3	2	3.7	2	3.7
Chronic rheumatic heart disease (410-416)	162	7.1	9	5.7	2	3.7	7	13.0
Arteriosclerotic and degenerative heart disease (420-422)	6,049	265.8	5,692	275.7	260	164.6	97	180.4
Other diseases of heart (430-436)	529	23.2	468	22.7	53	33.6	8	33.5
Hypertension without mention of heart (440-444)	688	30.2	574	27.8	18	33.5	-	-
Diabetes of arteries (50-54-56)	194	8.5	151	7.3	41	26.0	2	3.7
Diabetes, arteriosclerosis of circulatory system	533	23.4	490	23.7	36	22.8	7	13.0
Other diseases of circulatory system	99	4.3	84	4.1	10	6.3	5	9.3
Acute upper respiratory infections (670-705)	16	0.7	14	0.7	2	1.3	-	-
Influenza (680-693)	48	2.1	40	1.9	7	4.4	1	1.9
Lobar pneumonia (690)	79	3.5	69	3.3	6	7.4	-	-
Bronchopneumonia (691)	267	11.7	236	11.4	20	20.5	-	-
Primary atypical, other and unspecified pneumonia (692-693)	231	10.1	194	9.4	23	14.6	3	9.3
Acute bronchitis, chronic and unqualified (694-700)	27	1.2	25	1.2	1	0.6	1	1.9
Bronchitis, chronic and of trachea and bronchi and abdomen (701-707)	27	1.0	25	1.2	1	0.6	-	-
Hepatitis and diseases of liver (538-551)	5	0.2	4	0.2	1	0.6	-	-
Pleurisy (519)	-	-	-	-	-	-	-	-
All other respiratory diseases (511-517)	291	12.8	276	13.4	14	8.9	1	1.9
Diseases of teeth and supporting structures (530-535)	62	2.2	57	2.0	6	3.8	1	1.9
Ulcer of stomach (340)	64	2.8	50	2.4	3	1.9	-	-
Ulcer of duodenum (341)	54	2.4	42	2.4	3	1.9	-	-
Other diseases of stomach and duodenum (531-535)	5	0.2	4	0.2	1	0.6	-	-
Appendicitis (536-537)	-	-	-	-	-	-	-	-
Intra-abdominal abscess and necrosis (538-540)	27	1.2	23	1.1	3	1.9	-	-
Gastritis, gastritis and colitis, except diarrhea of newborn (571, 572)	169	7.4	151	7.3	13	8.2	5	9.3
Diarrhea of liver (581)	99	4.3	67	3.2	21	13.3	7	10.5
Cirrhosis of liver (582)	143	6.7	127	6.2	9	13.0	-	-
Cholelithiasis and cholecystitis (584, 585)	75	3.3	65	3.1	3	1.9	7	13.0

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TABLE I. RESIDENT DEATHS BY INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES

	Total		White		Negro		Indian	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Other diseases of digestive system								
(536-539, 542-544, 545, 573-580, 582, 583, 586, 587)	162	7.1	134	7.5	6	3.8	2	3.7
Acute nephritis (590)	16	0.7	13	0.6	3	1.9	-	-
Chronic, other and unspecified nephritis	-	-	-	-	-	-	-	-
Infections of kidney (600)	241	10.6	193	9.3	45	28.5	3	5.6
Infectious and parasitic disease of kidney of urinary system (602, 604)	121	5.3	106	5.1	49	57.5	3	11.2
Parasitic disease of kidney (610)	8	0.4	8	0.4	7	4.6	2	3.7
Other all parasitic disease (622)	-	-	-	-	-	-	-	-
Other all nonparasitic disease (623)	-	-	-	-	-	-	-	-
Other all nonparasitic disease (624)	50	2.2	41	2.0	6	3.8	3	5.6
Sepsis of pregnancy, child birth and the postpartum (640-641, 661, 682, 684)	1	0.0	1	0.0	-	-	-	-
Toxemias of pregnancy and the postpartum	-	-	-	-	-	-	-	-
Hemorrhage of pregnancy and child birth	5	0.2	5	0.2	-	-	-	-
Hemorrhage of pregnancy and child birth (643, 644, 670-672)	6	0.3	4	0.2	2	1.3	-	-
Abortion without mention of sepsis or toxemia (650)	-	-	1	0.0	-	-	-	-
Abortion with sepsis (651)	-	-	-	-	-	-	-	-
Other complications of pregnancy, child birth and the postpartum (642-649, 660,	9	0.4	6	0.3	3	1.9	-	-
Infections of skin and subcutaneous tissue (690-699)	7	0.3	5	0.2	2	1.3	-	-
Arthritis and periarthritis	35	1.5	33	1.6	1	0.6	1	1.9
Muscular rheumatism and rheumatism, unspecified (726, 727)	1	0.0	1	0.0	-	-	-	-
Osteoarthritis and periarthritis (730)	2	0.1	1	0.0	1	0.6	1	1.9
Ankylosis and acquired musculoskeletal deformities (737, 745-749)	-	-	-	-	-	-	-	-
All other diseases of skin and musculo- skeletal system (700-16, 731-736)	5	0.2	5	0.2	-	-	-	-
Spina bifida (700-16)	35	1.5	32	1.6	3	1.9	-	-
Congenital malformations of circulatory system (744-746)	13	0.6	14	0.7	-	-	-	-
All other congenital malformations (750- 754, 756, 757-759)	141	6.2	130	6.3	4	2.5	7	13.0
Birth injuries (760, 761)	101	4.4	88	4.3	18	5.1	9	9.3
Postnatal asphyxia and atelectasis (762)	116	5.1	94	4.9	22	13.0	6	11.2
Infections of the newborn (763-768)	201	8.8	173	8.4	22	13.5	12	11.2
Hemolytic disease of newborn (770)	49	2.2	31	1.5	12	7.6	6	11.2
All other defined diseases of early infancy	24	1.1	22	1.1	12	7.6	6	11.2
All other defined diseases peculiar to early infancy and immaturity, unqualified (770-777)	23	1.0	19	0.9	2	1.3	2	3.7
Sensitivity without mention of psychosis	-	-	-	-	-	-	-	-
Senility without mention of psychosis	94	4.1	77	3.7	14	8.9	3	5.6
All other defined and unknown causes of mortality	823	36.2	666	31.3	147	93.1	30	55.6
Non-traffic accidents (E60-E83)	648	28.5	576	27.9	48	30.4	26	44.6
Other transport accidents (E800-E802)	53	2.3	49	2.4	1	0.6	3	5.6
Accidental drowning and submersion (E803)	39	1.7	33	1.6	1	0.6	4	7.4
Accidental falls (E800-E804)	275	12.1	262	12.7	9	5.7	4	7.4
Accident caused by machinery (E812)	1.8	0.8	39	1.9	1	0.6	-	-
Accident, caused by fire and explosion of explosive material (E91-E93)	166	7.3	110	5.3	46	29.1	10	18.6
Accidents, caused by fire, dust, smoke, corrosive agents and explosive material (E94-E96)	3	0.1	3	0.1	-	-	2	3.7
Accidents, caused by firearms (E97)	53	2.3	48	2.3	3	1.9	3	5.6
All other accidents, deaths and submersion (E805)	75	3.3	60	2.9	12	7.6	3	5.6
Suicide and self-inflicted injury (E911)	160	7.0	138	6.7	19	12.0	3	5.6
Homicide and injury purposely inflicted by other persons (not in war) (E900, E905, E906-909)	211	9.3	201	9.7	6	3.8	4	7.4
Injury resulting from operations of war	-	-	-	-	-	-	-	-
(E900-E999)	1.9	5.2	67	3.2	48	30.4	4	7.4

TABLE II. RESIDENT BIRTHS, DEATHS, AND DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES

Estimated population, July 1, 1959		Total		White		Negro		Indian	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live births*		51,141	22.5	44,205	21.4	4,774	30.2	2,262	42.1
Physician in hospital		49,711	22.3	42,935	19.7	4,443	27.9	2,179	42.1
Physician not in hospital		1,326	5.6	1,297	5.7	229	56	127	56
Husband, either, or unknown.		56,568	25.6	54,545	23.6	545	32.6	20,477	40
Stillbirths**		13,464	6.0	12,664	5.7	514	29	10	17.7
Physician in hospital		62,842	28.0	59,729	27.7	3,142	33	1,700	33
Physician not in hospital		4,422	1.9	4,292	2.0	29	10	12	11.2
Midwife, either, or unknown.		14,742	6.4	14,242	6.3	529	29	3,000	55.5
Total deaths, all causes		21,995	9.7	19,672	9.5	1,760	11.1	564	10.5
Deaths under 1 year		1,235	5.5	1,151	5.3	951	21.6	432	33.6
Deaths of mothers within 1 year		889	3.9	816	3.7	716	16.2	277	17.7
Tuberculosis, all forms (001-098)		12,111	5.3	11,575	5.3	89	4.3	13	8.2
Tuberculosis, other forms (001-098)		11,575	5.0	11,039	5.0	7	0.3	1	1.1
Spinales and its sequelae (020-029)		48	0.2	40	0.2	40	1.7	7	4.4
Typhoid fever (001)		5	0.2	4	0.2	4	1.0	1	1.9
Scarlet fever and streptococcal sore throat (050-051)		3	0.1	2	0.1	2	0.5	-	-
Diphtheria (055)		4	0.2	3	0.1	3	1.1	1	1.9
Mumps (056)		3	0.1	1	0.0	1	0.6	-	-
Measles (057)		8	0.4	8	0.4	2	1.3	-	-
Acute poliomyelitis (080)		6	0.3	6	0.3	-	-	-	-
Sarcoptic mange (090)		5	0.2	2	0.1	1	0.6	2	3.7
Typhus and other ectoparasitic diseases (100-109)		2	0.1	1	0.0	-	-	-	-
Malaria (110-117)		1	0.0	1	0.0	-	-	1	1.9
All other diseases classified as infective and parasitic (000-099), 040, 042-046, 120-138		96	4.2	82	4.0	7	4.4	7	13.0
Neurogenical infections (057)		96	4.2	82	4.0	7	4.4	7	13.0
Maligant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-149)		3,418	150.2	3,126	151.4	221	139.9	71	132.0
Benign and nonmalignant neoplasms (140-149)		61	2.7	59	2.6	10	66.3	2	3.7
Adenomas (140-149)		346	15.1	298	14.4	26	16.5	20	37.2
Adenocarcinoma (140-149)		45	2.0	37	1.8	6	3.7	3	5.7
Anastomotic fistulae, central nervous system (130-139)		2,936	128.6	2,663	129.0	218	184.0	45	83.7
Nonneurogenical malignant (140)		17	0.7	15	0.7	2	1.3	2	3.7
Chronic rheumatic heart disease (160-164)		1,9	0.9	1,7	0.7	9	5.7	7	13.0
Atherosclerotic and degenerative heart disease (160-164)		162	7.1	165	7.1	-	-	-	-
Appendicitis (150-159)		6,049	265.8	5,692	275.7	260	164.6	97	180.4
Other diseases of heart (160-164)		529	23.2	468	22.7	53	33.6	18	16.9
Hypertension without mention of heart		688	30.2	574	27.8	96	60.8	33	35.5
Arteriosclerosis (160-164)		194	8.5	151	7.3	41	26.0	2	3.7
Cardiac failure (160-164)		148	6.4	140	6.9	44	31.0	29	53.9
Brachialgia (160-164)		57	2.4	49	2.4	49	21.2	4	7.4
Ulcer of stomach and duodenum (160-164)		118	5.2	103	5.1	15	11.5	13	5.7
Appendicitis (150-159)		27	1.2	23	1.1	9	5.7	2	3.7
Intestinal obstruction and hernia (160-164)		118	5.2	114	5.1	19	11.9	1	1.9
Gastritis, duodenitis, enteritis and colitis, except diarrhoea, of the newborn (160-164)		169	7.4	151	7.3	13	8.2	5	9.3
Injuries of liver (160-164)		103	4.5	70	3.4	22	13.9	11	20.5
Neuritis and nephritis (160-164)		143	6.3	127	5.9	22	5.7	7	13.0
Infectious diseases of the newborn (160-164)		294	11.3	206	10.0	41	30.4	3	5.6
Other diseases peculiar to early infancy and immaturity (unclassified) (160-164)		4,111	185	4,111	185	47	30.4	2	3.7
Senility without mention of psychosis (160-164)		381	16.7	302	14.6	63	39.9	16	29.8
All defined and unknown causes (160-164)		561,370	22.5	523,700	21.4	36,670	30.2	17,262	42.1
All other diseases (160-164)		1,878	82.5	1,706	85.0	161	101.9	33	61.4
All other diseases (160-164)		28,545	1,126	27,796	1,126	127	83.7	45	83.7
Infectious diseases (160-164)		864	38.0	762	35.9	48	30.4	24	44.6
All other diseases (160-164)		870	35.9	792	35.9	48	30.4	16	11.2
Homicide and operations of war (160-164)		211	9.3	201	9.7	6	3.8	4	7.4
Estimated population, July 1, 1959		119	5.2	67	3.2	48	30.4	4	7.4

See notes on Table

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES,
BY RACE, SEX, AND AGE, OKLAHOMA, 1939

(Continued)

Cause of Death	All Ages*			Under 1 Year			1-4 Years			5-9 Years		
	White	Negro	Indian	White	Negro	Indian	White	Negro	Indian	White	Negro	Indian
Total deaths, all causes	11,700	7,972	925	805	314	250	534	397	118	90	46	28
Tuberculosis of respiratory system (001-008)	69	20	11	2	8	11	-	-	-	1	-	-
Tuberculosis, other forms (010-019)	4	3	-	-	-	-	2	-	-	1	-	-
Syphilis (020-029)	31	9	4	3	1	6	-	-	-	1	-	-
Typhoid fever (040-049)	1	-	1	-	-	-	-	-	-	1	-	-
Scarlet fever and streptococcal sore throat (050-059)	1	-	1	-	-	-	-	-	-	1	-	-
Diphtheria (055)	-	-	-	3	1	1	-	-	-	1	-	-
Whooping cough (060)	-	-	1	1	1	1	-	-	-	1	-	-
Meningocephal infections (057)	-	-	7	1	-	-	-	-	-	1	-	-
Acute poliomyelitis (080)	-	-	-	4	2	-	-	-	-	1	-	-
Measles (090)	-	-	2	-	-	1	-	2	-	1	-	-
Typhus and other rickettsial diseases	-	-	-	-	-	-	-	-	-	1	-	-
Malaria (110-117)	-	-	-	-	-	1	-	-	-	1	-	-
All other diseases classified as infective and parasitic (030-039, 041-042, 044-045, 049, 051-056, 059-074, 081-083, 086-095, 100-108)	-	-	48	34	2	5	2	9	8	-	2	-
Malignant neoplasms, including neoplasms of lymphatic and hemopoietic tissues	-	-	-	1,713	1,413	124	97	22	49	-	-	-
Burkitt's tumor (020-029)	-	-	-	224	174	12	14	8	12	1	-	-
Burkitt's tumor (020-029)	-	-	-	23	14	4	1	1	1	-	1	-
Anemia (090-099)	-	-	-	1,399	1,264	91	127	28	17	2	2	-
Vascular lesions affecting central nervous system (130-134)	-	-	11	11	4	-	1	-	-	1	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	85	61	2	7	4	3	-	-	-	-
Chronic rheumatic heart disease (403-416)	-	-	-	3,659	2,033	137	123	63	39	1	1	-
Arteriosclerotic and degenerative heart disease (420-422)	-	-	-	289	179	7	27	19	7	6	4	-
Unsustained heart (430-432)	-	-	-	249	325	42	54	12	6	-	-	-
Constrictive pericarditis (430-432)	-	-	-	68	22	18	1	1	-	-	-	-
Hypertension without mention of heart (444-447)	-	-	-	68	18	2	3	1	-	-	-	-
Influenza (480-483)	-	-	-	222	194	1	1	-	-	-	-	-
Pneumonia (490-493)	-	-	-	295	204	30	19	13	10	25	13	7
Bronchitis (500-502)	-	-	24	30	1	3	1	2	2	4	5	-
Ulcer of stomach and duodenum (540-541)	-	-	-	78	29	7	2	1	1	-	-	-
Appendicitis (550-553)	-	-	19	19	2	1	1	-	-	-	-	-
Intestinal obstruction and hernia (560-561)	-	-	-	68	83	7	6	2	3	4	-	-
Gastritis, duodenitis, enteritis and colitis (570-573)	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis (570-573), except diarrhea of the newborn (573-576)	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhea of the newborn (573-576)	-	-	-	34	36	12	10	8	10	9	7	3
Cirrhosis of liver (581)	-	-	161	103	29	12	10	8	3	8	-	-
Cirrhosis of liver (581)	-	-	12	25	3	4	3	2	1	-	-	-
Nephritis and nephrosis (590-594)	-	-	112	96	24	2	2	2	1	-	-	-
Nephritis and nephrosis (590-594)	-	-	85	7	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-649)	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies (650-659)	-	-	17	5	-	-	-	-	-	-	-	-
Congenital anomalies (650-659)	-	-	146	86	9	3	10	103	55	7	2	-
Congenital anomalies (650-659), except anomalies of the newborn (660-669)	-	-	161	103	25	16	10	12	25	16	10	2
Anomalies of the newborn (660-669)	-	-	12	25	3	4	2	19	5	3	2	-
Other diseases peculiar to early infancy, and immature uniflility (670-776)	-	-	161	141	34	29	10	6	161	34	29	10
Sensitily without mention of psychosis (780-795)	-	-	465	258	92	69	13	20	12	9	8	3
All other diseases (Residual)	-	-	976	736	51	18	27	13	8	3	3	1
Motor-vehicle accidents (800-802, 840-842)	-	-	4,14	162	32	16	20	4	-	3	8	8
All other accidents (800-802, 840-842)	-	-	510	232	52	41	22	7	24	8	-	1
Self and self-inflicted injury (890-893)	-	-	163	38	5	1	4	-	-	-	-	-
Homicide and operations of war (894-895)	-	-	50	17	38	10	3	1	-	-	-	-

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

Cause of Death	All Ages*			Under 1 Year			1-4 Years			5-9 Years		
	White	Negro	Indian	White	Negro	Indian	White	Negro	Indian	White	Negro	Indian
Total deaths, all causes	104	72	12	13	11	6	60	37	11	10	5	6
Tuberculosis of respiratory system (001-008)	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (084)	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040-049)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041-042, 044-045, 049, 051-056, 059-074, 081-083, 086-095, 100-108)	-	-	-	1	1	-	-	-	-	2	4	-
Malignant neoplasms, including neoplasms of lymphatic and hemopoietic tissues	-	-	-	12	9	1	-	-	-	9	7	1
Berliner and unspecified neoplasms (210-229)	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (260)	-	-	-	-	-	-	-	-	-	-	-	-
Atrial fibrillation (290-293)	-	-	-	-	-	-	-	-	-	-	-	-
Varicella (300-304)	-	-	-	-	-	-	-	-	-	-	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-
Arteriosclerosis and degenerative heart disease (420-422)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of heart (430-434)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertension without mention of heart (440-443)	-	-	-	-	-	-	-	-	-	-	-	-
Inflammation of heart (440-443)	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia (490-493)	-	-	-	-	-	-	-	-	-	9	8	1
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	4	1	1
Ulcer of stomach and duodenum (540-541)	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (550-553)	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis, duodenitis, enteritis and colitis (560-561)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560-561)	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis (560-561), except diarrhea of the newborn (570-573)	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhea of the newborn (570-573)	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	-	-	-	-	-	-	-	-	-	-	-	-
Hyperplasia of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-649)	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies (650-659)	-	-	-	-	-	-	-	-	-	-	-	-
Birth injuries, postnatal amyotaxis and arachnoiditis (660-669)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (660-669)	-	-	-	-	-	-	-	-	-	-	-	-
Infectious diseases peculiar to early infancy, and immaturity unfulfilled (710-776)	-	-	-	-	-	-	-	-	-	-	-	-
Sensitivity without mention of psychosis (780-795)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases (Residual)	-	-	-	-	-	-	-	-	-	16	10	5
Motor-vehicle accidents (800-802, 840-842)	-	-	-	-	-	-	-	-	-	14	9	1
All other accidents (800-802, 840-842)	-	-	-	-	-	-	-	-	-	17	3	2
Self and self-inflicted injury (890-893)	-	-	-	-	-	-	-	-	-	-	12	5
Homicide and operations of war (894-895)	-	-	-	-	-	-	-	-	-	-	4	1

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

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES

TARIFF LIST DESTINER'S LIST OF INTERNATIONAL APPROXIMATE LIST OF 50 COUNTRIES

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	123	42	13	6	5	2	214	142	39	29	12	16
Tuberculosis, of respiratory system (001-008)	-	-	-	-	-	-	-	-	1	1	-	-
Tuberculosis, of other and certain specified sites (009-015)	-	-	-	-	-	-	-	-	1	1	-	-
Spina bifida and related malformations (020-022)	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever, all forms (040-046)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (065)	-	-	-	-	-	-	-	-	-	-	-	-
Meningoencephalitis (077)	-	-	-	-	-	-	-	-	-	-	-	-
Acute polyarthritis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (081)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (082)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (300-399), (404, 042, 044, 049, 052-054, 059-074, 081-085, 086-096, 120-136)	1	1	-	-	-	-	1	1	-	1	-	-
Major malignant neoplasms, including neoplasms of lymphatic and hemopoietic tissues (140-209)	7	2	-	-	1	-	25	31	4	6	-	2
Breast and other female neoplasms (210-239)	-	-	-	-	-	-	2	3	-	1	-	1
Bladder and other urogenital organs (240)	1	-	-	-	-	-	1	2	-	1	-	1
Uterus (250-259)	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (310-334)	2	7	-	-	-	-	5	7	2	1	-	-
Nervous-system meningitis (340)	-	-	-	-	-	-	2	2	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	1	-	-	-	1	-	1	4	5	2	1	1
Arteriosclerosis and degenerative heart disease (420-422)	-	-	-	-	-	-	3	3	3	-	-	-
Other diseases of heart (420-424)	1	-	1	-	1	-	3	3	3	-	-	-
Hypertension without mention of heart (420-423)	-	-	-	-	-	-	1	1	1	-	-	-
Influenza (440-447)	1	-	-	-	-	-	1	2	2	3	-	-
Genital and excretory system, endocrine and hematopoietic systems (460-483)	1	-	-	-	-	-	2	4	1	3	-	-
Pneumonia (490-493)	-	-	-	-	-	-	1	4	1	3	-	-
Bronchitis (500-502)	-	-	-	-	-	-	1	2	2	1	-	-
Aortic aneurysm and dissection (503-505)	-	-	-	-	-	-	1	1	1	1	-	-
Ulcer of stomach and duodenum (540, 541)	1	-	1	-	1	-	1	2	2	2	-	-
Appendicitis (550-553)	-	-	-	-	-	-	1	1	1	1	-	-
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	-	1	1	1	1	-	-
Genital and excretory system, endocrine and hematopoietic systems (580-592)	1	-	-	-	-	-	1	1	1	1	-	-
Cirrhosis of liver (593)	-	-	-	-	-	-	1	2	1	1	-	-
Nephritis and nephrosis (590-594)	4	-	1	-	1	-	6	3	-	2	1	1
Hypertrophy of prostate (610)	-	-	-	-	-	-	1	2	1	1	-	-
Complications of pregnancy, childbirth and the puerperium (640-689)	4	-	3	-	-	-	5	1	1	3	-	-
Congenital deformities (700-739)	-	-	-	-	-	-	5	7	1	3	-	-
Birth injury, perinatal asphyxia and infantile tetany (740-769)	-	-	-	-	-	-	1	1	-	-	-	-
Other diseases of the heart (760-769)	-	-	-	-	-	-	1	1	-	-	-	-
Other diseases peculiar to early infancy and immaturity, unspecified (769-776)	-	-	-	-	-	-	1	1	-	-	-	-
Senility without mention of psychosis (779-785)	-	-	-	-	-	-	10	4	1	3	-	-
All defined and unknown causes (787-795)	3	6	-	1	-	-	2	7	15	15	-	-
All other diseases (Residual)	5	6	-	1	-	-	5	10	19	7	2	2
Motor-vehicle accidents (880-885)	57	10	2	1	4	-	51	19	5	2	2	2
All other accidents (886-890, 892-896)	24	4	-	-	-	-	51	10	5	2	3	2
Suicide and self-inflicted injury (965, 970-979)	3	-	1	1	-	-	16	9	2	-	3	-
Homicide, assault, and other operations of law (984, 985, 989-999)	4	-	7	1	-	-	7	4	6	4	-	-

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

Cause of Death	35-44 Years			45-54 Years			55-64 Years			65-74 Years		
	White	Negro	Indian									
Name	Male	Female	Name	Male	Female	Name	Male	Female	Name	Male	Female	Name
Total deaths, all causes	441	255	46	45	17	14	1,052	496	86	87	42	19
Tuberculosis of respiratory system (001-008)	2	3	1	2	-	-	19	1	3	-	2	2
Tuberculosis, other forms (010-019)	1	1	-	-	-	-	4	1	1	1	1	1
Syphilis and its sequelae (020-029)	1	1	-	-	-	-	-	-	-	1	2	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-060)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (090, 091)	-	-	-	-	-	-	1	-	1	-	-	-
Diphtheria (095)	-	-	-	-	-	-	1	-	1	-	-	-
Hoping cough (096)	-	-	-	-	-	-	-	-	-	-	-	-
Neurocerebral infections (097)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (084)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (000-099, 041-042, 044-049, 052-053, 059-061, 061-062, 066-066, 120-130)	5	1	-	2	-	1	2	3	1	1	-	-
Diabetes mellitus (250-259)	1	4	-	2	1	-	4	162	206	13	18	3
Auricular lesions affecting central nervous system (330-334)	6	9	-	4	6	4	15	10	2	2	1	5
Nonmeningoencephalitis (340)	17	14	-	3	-	-	39	33	4	13	5	1
Rheumatic fever (400-402)	2	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	10	9	-	-	-	-	22	16	-	3	2	1
Arteriosclerotic and degenerative heart disease (420-422)	93	20	4	2	2	-	368	49	7	10	8	4
Other diseases of heart (430-434)	2	6	1	1	-	-	22	9	2	2	1	1
Hypertension with heart disease (440-443)	-	-	-	-	-	-	13	2	4	-	-	-
Influenza (480-483)	1	3	2	1	1	-	4	2	6	5	-	-
Influenza (490-493)	10	2	1	1	-	-	7	9	-	1	-	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	5	-	1	-	-	-	1	6	7	1	-	-
Appendicitis (550-553)	-	-	-	-	-	-	1	1	1	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	1	1	1	-	1	-	2	4	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of newborn	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (571-572)	2	1	1	-	-	-	1	1	1	-	-	-
Cirrhosis of liver (581)	6	3	2	1	1	1	26	5	2	2	-	-
Nephritis and nephrosis (590-595)	-	-	-	-	-	-	14	8	2	4	-	-
Hydrocephalus or hydrocephaly (600)	-	-	-	-	-	-	2	2	-	-	-	-
Complications of pregnancy, child birth and the puerperium (610-619)	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	-	-	-	-	-	-	3	-	-	-	-	-
Birth injuries, congenital asphyxia and asphyxia neonatae (760-762)	-	-	-	-	-	-	23	8	4	1	-	-
Infectious diseases of the newborn (763-766)	-	-	-	-	-	-	23	7	4	3	1	-
Other diseases peculiar to early infancy, and immaturity, unclassified (770-776)	-	-	-	-	-	-	-	-	-	22	17	4
Sentility without mention of race (780-785)	111	26	7	5	6	1	19	15	6	2	1	1
All other diseases (Residual)	27	30	6	2	2	1	71	48	9	1	2	1
Motor-vehicle accidents (800-802, 840-862)	46	28	5	2	2	-	60	18	4	3	2	2
All other accidents (860-862, 890-892)	54	7	3	4	4	-	73	19	5	3	4	1
Suicide and self-inflicted injury (893-895)	34	9	-	-	-	-	39	10	1	1	-	-
Homicide and operations of war (896, 895, 898-899)	10	1	3	1	-	-	15	4	-	1	1	-

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

Cause of Death	55-64 years			65-74 years		
	White	Negro	Indian	White	Negro	Indian
Name	Male	Female	Name	Male	Female	Name
Total deaths, all causes	1,842	897	140	115	48	39
Tuberculosis of respiratory system (001-008)	20	5	-	1	1	1
Tuberculosis, other forms (010-019)	-	-	-	16	5	2
Syphilis and its sequelae (020-029)	10	-	-	11	1	2
Typhoid fever (040)	-	-	-	-	-	-
Dysentery, all forms (045-060)	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (090, 091)	-	-	-	-	-	-
Diphtheria (095)	-	-	-	-	-	-
Hoping cough (096)	-	-	-	-	-	-
Neurocerebral infections (097)	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-
Measles (084)	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-
All other diseases classified as infective and parasitic (000-099, 041-042, 044-049, 052-053, 059-061, 061-062, 066-066, 120-130)	13	3	-	-	-	9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-149)	381	283	26	21	5	8
Breast cancer (141-149)	27	3	1	3	1	2
Arteriosclerosis, atherosclerosis (140-149)	134	89	16	17	4	5
Nonmeningoencephalitis (140)	-	-	-	3	-	-
Rheumatic fever (400-402)	-	-	-	1	-	-
Chronic rheumatic heart disease (410-416)	19	11	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	674	205	25	26	21	4
Other diseases of heart (430-434)	20	7	5	2	2	1
Hypertension with heart disease (440-443)	27	12	4	7	2	1
Influenza (440-447)	4	8	5	2	1	1
Pneumonia (490-493)	27	15	2	1	2	1
Bronchitis (500-502)	-	-	-	58	28	1
Ulcer of stomach and duodenum (540, 541)	18	2	2	1	1	1
Appendicitis (550-553)	3	1	-	23	4	-
Intestinal obstruction and hernia (560, 561, 570)	8	17	1	1	2	16
Gastritis, duodenitis, enteritis and colitis, except diarrhea of newborn	-	-	-	18	16	3
Cirrhosis of liver (571)	23	8	4	3	1	2
Nephritis and nephrosis (590-594)	12	7	4	3	1	1
Hyperplasia of prostate (610)	3	-	-	15	17	2
Complications of pregnancy, child birth and the puerperium (610-619)	-	-	-	-	-	-
Congenital malformations (750-759)	2	-	-	-	-	-
Birth injuries, congenital asphyxia and asphyxia neonatae (760-762)	3	-	-	-	-	-
Infectious diseases of the newborn (763-766)	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity, unclassified (770-776)	-	-	-	-	-	-
Sentility without mention of race (780-785)	95	37	8	1	1	1
All other diseases (Residual)	146	84	37	30	9	4
Motor-vehicle accidents (810-812, 840-862)	41	29	6	2	1	2
All other accidents (860-862, 890-892)	55	9	7	5	1	1
Suicide and self-inflicted injury (893-895)	34	4	1	1	1	1
Homicide and operations of war (896, 895, 898-899)	8	3	4	1	1	1

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES,

TABLE IV. LEADING CAUSES OF DEATH, NUMBER AND PER CENT, BY RACE, BY AGE GROUP, OKLAHOMA, 1955

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

Estimated population, July 1, 1959	ADMIR			ALABAMA			ATLANTA		
	Total 13,170	Rate No.	Race Ind.	Total 7,400	Rate No.	Race Ind.	Total 10,000	Rate No.	Race Ind.
Live birth ^a	321	23.9	182	105	12.5	12	178	17.8	152
Physician in hospital	314	23.7	142	119	15.7	14	167	16.0	12
Hospital deaths, known	5	3.3	7	3	3.3	3	21	2.1	21
Hospital deaths, or unknown	5	3.3	3	3	3.3	3	15	1.5	15
Stillbirths	9.2	6.2	3	1.8	1.2	1	5	3.3	1
Physician in hospital	3	---	3	1	---	1	2	1	1
Physician not in hospital	---	---	---	---	---	---	---	---	---
Misfits, other, or unknown	---	---	---	---	---	---	---	---	---
Total deaths, all causes ^b	158	11.5	107	51	8.8	8.8	120	12.0	111
Deaths under 1 year ^c	20	6.2	12	8	1.8	1.8	5	28.1	5
Deaths under 1 month	14	4.2	10	4	1.8	1.8	3	16.9	3
Tuberculosis of respiratory system (001-008)	3	21.9	1	2	20.0	20.0	2	20.0	2
Tuberculosis, other forms (009-010)	14	4.6	1	1	---	---	1	---	1
Syphilis and other venereal	2	---	2	1	---	---	1	---	1
Syphilis, congenital (000-002)	2	---	2	1	---	---	1	---	1
Yaws	---	---	---	---	---	---	---	---	---
Scarlet fever and streptococcal sore throat	---	---	---	---	---	---	---	---	---
Diphtheria (055)	---	---	---	---	---	---	---	---	---
Measles (056)	---	---	---	---	---	---	---	---	---
Measles and other rickettsial diseases (100-109)	1	7.3	1	1	---	---	1	---	1
Malaria (110-111)	---	---	---	---	---	---	---	---	---
All other diseases, classified as "acute" (010-019)	---	---	---	---	---	---	---	---	---
All other diseases, unclassified (020-029)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute appendicitis (030-039)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute bronchitis (040-049)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute myocarditis (050-059)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute nephritis (060-069)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute peritonitis (070-079)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute rheumatism (080-089)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute sinusitis (090-099)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute tonsillitis (100-109)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute ulcer disease (110-119)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute viral hepatitis (120-129)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute viral infection, central nervous	1	7.3	1	1	---	---	1	---	1
Acute viral infection, intestinal	1	7.3	1	1	---	---	1	---	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	28	204.4	18	10	11	148.6	11	19	190.0
Benign and unspecified neoplasms (210-239)	28	7.3	1	1	40.5	3	2	20.0	1
Diabetes mellitus (250)	2	14.6	2	2	27.0	2	2	20.0	1
Arteriosclerosis (250-259)	2	14.6	2	1	13.5	1	1	1	1
Vascular lesions affecting central nervous	18	131.4	15	3	14	189.2	14	13	130.0
Arteritis (260-269)	1	14.6	2	1	4.0	4	1	---	1
Chronic rheumatic heart disease (260-269)	2	14.6	2	1	4.0	4	1	---	1
Arteriosclerotic and degenerative heart	2	14.6	2	1	4.0	4	1	---	1
diseases (270-279)	8	58.4	5	3	13.5	1	1	10.0	1
Other diseases of heart (280-289)	33	20.9	27	6	28.3	24	33	33.0	30
Hypertension without mention of heart	5	36.3	2	3	4.5	4	2	20.0	2
(280-289)	4	43.8	4	2	5.7	5	2	20.0	2
Hypertension with heart disease (280-289)	2	14.6	2	1	1.0	1	1	10.0	1
(280-289)	2	14.6	2	1	4.0	4	1	4.0	1
Influenza (290-299)	8	58.4	5	3	13.5	1	1	10.0	1
Pneumonia (300-309)	5	36.3	2	1	4.0	4	1	4.0	1
Neuritis of sciatic and pudendal (300-309)	5	36.3	2	1	4.0	4	1	4.0	1
Appendicitis (310-319)	2	14.6	1	1	1.0	1	1	10.0	1
Intestinal obstruction and hernia (360-369)	5	36.3	2	1	4.0	4	1	4.0	1
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (370-379)	4	29.2	3	1	13.5	1	2	20.0	2
Bronchitis (370-379)	2	14.6	1	1	1.0	1	1	10.0	1
Cirrhosis of liver (380)	1	7.3	1	1	1.0	1	1	1.0	1
Nephritis and nephrosis (380-389)	4	29.2	4	1	1.0	1	2	20.0	1
Hypertension or pre-eclampsia (390)	2	14.6	2	1	1.3	1	1	1.0	1
Complications of pregnancy, childbirth and	2	14.6	1	1	1.0	1	1	1.0	1
Confinement (390-399)	2	14.6	1	1	1.0	1	1	1.0	1
All other diseases (400-499)	7	21.9	5	3	30.0	3	1	---	1
Motor-vehicle accidents (400-499)	5	51.1	3	2	9.1	9	11	11.0	10
All other accidents (400-499)	2	14.6	1	1	1.0	1	1	1.0	1
All injuries, self-inflicted (400-499)	2	14.6	1	1	1.0	1	1	1.0	1
Non-self-inflicted (400-499)	5	51.1	3	2	9.1	9	8	8.0	8
Non-self-inflicted, non-homicide (400-499)	7	94.6	7	5	30.0	3	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Homicide and non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-negligent (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Self-inflicted (400-499)	1	10.0	1	1	1.0	1	1	1.0	1
Non-self-inflicted, non-homicide (400-499)	1								

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

Estimated population, July 1, 1959	BEAVER				BERKHAM				BLAINING			
	Total		Race		Total		Race		Total		Race	
	No.	Rate	No.	Ind.	No.	Rate	No.	Ind.	No.	Rate	No.	Ind.
Live birth*,	114	16.8	113	-	1	336	20.5	335	20	1	258	22.6
Physician in hospital	111	-	110	-	1	354	-	353	-	1	256	187*
Physician, one, or unknown	3	---	3	---	2	---	2	---	1	186	11	59
Births under month	11	1.5	11	-	1	2	---	2	-	1	1	1
Tuberculosis of respiratory system (001-008)	4	5.51	4	-	6	16.9	6	16.9	3	11.6	2	-
Syphilis and its sequelae (020-029)	4	-	4	-	6	-	6	-	3	2	-	1
Typhoid fever (040)	1	---	1	---	1	5.7	1	5.7	-	-	-	-
Measles (084)	1	---	1	---	1	5.7	1	5.7	-	-	-	-
Scarlet fever and streptococcal sore throat	1	---	1	---	1	5.7	1	5.7	-	-	-	-
Diphtheria (055)	4	35.1	4	-	9	25.3	7	2	6	23.3	4	2
Whooping cough (056)	35.1	-	35.1	-	8	22.5	7	1	3	11.6	2	-
Meningoencephalitis (057)	-	-	-	-	-	-	-	-	1	8.8	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Typus and other rickettsial diseases (100-109)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-111)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (000-099), (440-499), (500-599), (600-699), (700-799), (800-899), (900-999)	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	-	-	-	-	-	-	-	-	-	-	-	-
Benign and unspecified neoplasms (20-239)	11	161.8	11	-	34	193.4	34	193.4	3	26.3	2	1
Diabetes mellitus (250)	2	29.4	2	-	8	46.0	8	46.0	3	26.3	2	1
Arteriosclerosis (250-299)	-	-	-	-	-	-	-	-	1	8.8	1	3
Vascular lesions affecting central nervous system (330-334), (450-454)	8	117.6	8	-	36	206.9	36	206.9	21	184.2	17	4
Neonatal tetanus (460-464)	-	-	-	-	-	-	-	-	1	8.8	-	-
Chronic heart disease (460-462)	1	14.7	1	-	1	5.7	1	5.7	1	8.8	1	1
Atherosclerotic and degenerative heart disease (460-462)	-	-	-	-	-	-	-	-	1	8.8	-	-
Other diseases of heart (430-434)	19	279.6	19	-	59	319.1	59	319.1	44	286.0	39	2
Hypertension with heart disease (440-443)	2	23.6	2	-	4	23.0	4	23.0	3	26.1	2	3
Hypertension without mention of heart (444-447)	71.3	5	71.3	-	12	69.0	12	69.0	3	26.1	3	-
Neonatal tetanus (460-464)	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (480-483)	2	29.6	2	-	2	11.5	2	11.5	1	8.8	-	1
Pneumonia (490-499)	14.7	1	14.7	-	4	23.0	3	23.0	5	43.9	3	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	1	8.8	-	-
Emphysema and chronic bronchitis (500-502)	-	-	-	-	-	-	-	-	1	8.8	-	-
Appendicitis (520-529)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (600-609)	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	-	-	-	-	-	-	-	-	-	-	-	-
Hypermotility of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and puerperium (640-689)*	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	1	14.7	1	-	1	5.7	1	5.7	4	35.1	4	-
Birth defects, perinatal asphyxia and stillbirths (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infectious diseases (770-799)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases usually found in early infancy and immaturity (790-795)	3	44.1	3	-	4	23.0	4	23.0	2	17.5	1	1
All other diseases (Residual)	1	16.7	1	-	8	46.0	8	46.0	8	70.2	13	1
Motor vehicle accidents (800-809)	8	17.6	8	-	22	26.4	22	26.4	13	174.0	13	1
All other accidents (800-809), (840-849), (850-859)	6	88.2	6	-	22	11.5	2	11.5	5	43.9	2	3
Suicide and self-inflicted injury (860-863)	56.8	4	56.8	-	57	5.7	1	5.7	1	8.8	1	-
War and related operations (870-879)	1	16.7	1	-	2	11.5	2	11.5	1	8.8	1	-
Domestic and other non-natural deaths (890-899)	-	-	-	-	-	-	-	-	10	87.7	2	2

See notes on Table A.

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

Estimated population, July 1, 1959	BRYAN						CADDOW						CANADIAN							
	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race				
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.				
Live birth*	426	18.3	393	12	18	21	628	22.0	469	37	122	476	20.3	428	30	16	23,400	10.1	15,600	10.1
Physician in hospital	383	11.1	357	12	18	21	581	22.0	429	33	119	470	20.3	426	29	15	No.	No.	No.	No.
Physician, not in hospital	40	11.1	36	1	3	40	38	2	4	2	1	1	4	2	1	1	No.	No.	No.	No.
Stillbirth*	3	9.0	3	1	1	11	17.5	7	1	3	5	10.5	5	5	1	1	No.	No.	No.	No.
Physician in hospital	4	11.1	3	1	1	11	17.5	7	1	3	5	10.5	5	5	1	1	No.	No.	No.	No.
Physician, not in hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Total deaths, all causes*	239	11.1	23	16	2	31	11.1	22	9	32	10.6	23	10.6	23	8	3	19,6	19.1	15,600	10.1
Pneumonia, all causes	1	11.1	1	1	1	1	12.1	1	1	1	1	1	1	1	1	1	No.	No.	No.	No.
Tuberculosis, respiratory system (001-008)	10	11.1	9	10	1	1	12.1	1	1	1	1	1	1	1	1	1	No.	No.	No.	No.
Syphilis and its sequelae (020-029)	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Diphtheria, all forms (005-008)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Scarlet fever and streptococcal sore throat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Measles (051)	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Pertussis (057)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Hepatitis, acute (050)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Measles (054)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Tuberculosis, other forms (010-019)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Measles (055)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Typeus and other intestinal diseases (100-108)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
Malaria (110-117)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No.	No.	No.	No.
All other diseases classified as infective and parasitic (310-319, 601, 602, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1239, 1240, 1241, 1242, 1243, 1243, 1244, 1245, 1246, 1247, 1247, 1248, 1249, 1249, 1250, 1251, 1252, 1253, 1253, 1254, 1255, 1255, 1256, 1256, 1257, 1257, 1258, 1258, 1259, 1259, 1260, 1260, 1261, 1261, 1262, 1262, 1263, 1263, 1264, 1264, 1265, 1265, 1266, 1266, 1267, 1267, 1268, 1268, 1269, 1269, 1270, 1270, 1271, 1271, 1272, 1272, 1273, 1273, 1274, 1274, 1275, 1275, 1276, 1276, 1277, 1277, 1278, 1278, 1279, 1279, 1280, 1280, 1281, 1281, 1282, 1282, 1283, 1283, 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TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE
BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1959
(Continued)

Estimated population, July 1, 1959	CHILOPEE						CLEVELAND						COAL													
	Total	Race	Wh.	Neg.	Ind.	Total	Race	Wh.	Neg.	Ind.	Total	Race	Wh.	Neg.	Ind.	Total	Race									
No.	Rate	No.	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate									
Live births*	89	20.7	83	-	3	1,056	22.5	1,033	3	18	95	16.1	79	1	15	131	16.6	111	2	18	254	15.6	229	18	7	
Physician in hospital	86	22.5	2	-	3	1,045	22.5	1,026	3	16	94	16.1	79	1	14	129	17	109	1	1	1	1	1	1	1	1
Midwife, other, or unknown	3	-	3	-	3	4	3.8	4	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Stillbirths*	2	-	2	-	2	4	3.8	4	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Physician in hospital	2	-	2	-	2	4	3.8	4	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Physician, other, or unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total deaths, all causes*	37	8.6	37	-	29	6.4	29	-	5	68	11.5	61	4	3	1	1	1	1	1	1	1	1	1	1	1	1
Deaths under 1 year*	19	5.2	18	-	15	4.9	16	-	1	105	12.1	11	1	1	1	1	1	1	1	1	1	1	1	1	1	
Deaths under 1 month*	19	5.2	16	-	15	4.9	15	-	1	105	12.1	11	1	1	1	1	1	1	1	1	1	1	1	1	1	
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dysentery, all forms (045-046)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Scarlet fever and streptococcal sore throat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hooping cough (060)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Meningococcal infection (065)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Scabies (080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Typhus and other rickettsial diseases (100)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases classified as infective and parasitic (010-039), (040-042), (044-046)	605	152.0	604	152.0	606-006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120-130)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-180)	516.3	5	-	-	-	46	98.3	45	1	8	135.6	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Benign and unspecified neoplasms (200-209)	-	-	-	-	-	4	8.5	4	2	33.9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Diabetes mellitus (250-260)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Anemias (290-292)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vascular lesions affecting central nervous system (320-334)	3	6.9	3	-	-	62	132.5	61	1	1	2.1	1	-	-	-	-	1	12.7	1	-	-	-	-	-	-	-
Meningoencephalitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	12.7	1	-	-	-	-	-	-	
Neurotic, psychoneurosis, and psychosomatic disorders (401-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Acute rheumatic heart disease (417-418)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other diseases of heart (420-424)	15	348.8	15	-	-	64	126.8	64	16	211.2	15	1	-	-	-	-	1	12.7	1	-	-	-	-	-	-	-
Hypertension with heart disease (430-434)	2	46.5	2	-	-	10	21.4	10	2	33.9	2	-	-	-	-	-	1	12.7	1	-	-	-	-	-	-	-
Hypertension without mention of heart (440-447)	-	-	-	-	-	-	-	-	-	-	4	8.7	4	-	-	-	1	12.7	1	-	-	-	-	-	-	-
Influenza (480-482)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	-	-	-	1	12.7	1	-	-	-	-	-	-	-
Pneumonia (490-492)	-	-	-	-	-	-	-	-	-	-	6	12.8	5	3	50.8	3	1	12.7	1	-	-	-	-	-	-	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	1	16.9	1	1	12.7	1	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540-541)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	-	-	-	1	12.7	1	-	-	-	-	-	-	-
Appendicitis (550-552)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	-	-	-	1	12.7	1	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560-570)	-	-	-	-	-	-	-	-	-	-	1	16.9	1	1	16.9	1	5	5.5	-	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543-571)	-	-	-	-	-	-	-	-	-	-	1	10.7	5	1	16.9	1	9	10.0	1	2.5	1	12.7	1	-	-	-
Infection of liver (561-562)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	1	16.9	1	1	12.7	1	-	-	-	-	-	-	-
Hyperplasia and hypertrophy (590-594)	-	-	-	-	-	-	-	-	-	-	2	4.3	2	1	16.9	1	1	12.7	1	-	-	-	-	-	-	-
Smelliness without mention of psychosis (711-716)	-	-	-	-	-	-	-	-	-	-	8	17.1	8	-	-	-	1	12.7	1	-	-	-	-	-	-	-
All other diseases (Residual)	-	-	-	-	-	-	-	-	-	-	2	4.6	2	1	16.9	1	11	23.5	11	1	12.7	1	-	-	-	-
Motor-vehicle accidents (810-819)	-	-	-	-	-	-	-	-	-	-	12	25.6	12	7	33.9	3	1	16.9	1	10.7	5	1	12.7	1	-	-
All other accidents (820-829)	-	-	-	-	-	-	-	-	-	-	2	4.6	2	1	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Self-inflicted and self-induced injury (820-829)	-	-	-	-	-	-	-	-	-	-	2	4.6	2	1	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (850-855)	-	-	-	-	-	-	-	-	-	-	5	10.7	5	1	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (856-865)	-	-	-	-	-	-	-	-	-	-	2	4.3	2	1	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (866-865)	-	-	-	-	-	-	-	-	-	-	6	12.3	2	1	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (867-865)	-	-	-	-	-	-	-	-	-	-	7	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (868-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (869-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (870-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (871-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (872-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (873-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (874-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (875-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (876-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (877-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (878-865)	-	-	-	-	-	-	-	-	-	-	17	18.8	10	7	16.9	1	10.7	5	1	12.7	1	-	-	-	-	
Homicide and operations of war (8																										

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

Estimated population, July 1, 1959	GREEK				CUSTER				DELAWARE			
	Total		Race		Total		Race		Total		Race	
	No.	Rate	No.	No.	No.	Rate	No.	No.	No.	Rate	No.	No.
Live birth*	778	19.7	675	65	39	506	24.8	445	33	28	202	14.9
Physician in hospital	778	19.7	675	65	39	506	24.8	445	33	28	202	14.9
Physician in private home	57	11.1	26	10	1	4	442	33	25	162	11.4	66
Midwife, other, or unknown	25	5.2	5	2	1	1	48	33	2	56	4.8	8
Saints**	10	12.9	10	10	1	1	11	21.7	10	1	9.9	1
Physician in hospital	9	10	9	10	1	1	10	10	1	1	9.9	1
Midwife, other, or unknown	1	1	1	1	1	1	1	1	1	1	1	1
Total deaths, all causes†	515	13.1	454	49	12	224	11.0	205	10	8	154	11.3
Deaths under 1 year‡	13	19.3	16	24	1	1	13	25.7	8	4	19.8	12
Deaths under 1 month	13	19.3	21	27	1	1	13	22.1	7	4	22.1	2
Tuberculosis of respiratory system	12	10.4	4	10.2	4	1	1	1	1	1	1	1
Tuberculosis, other forms	10	10.9	—	—	—	—	—	—	—	—	—	—
Spina bifida	1	2.5	1	1	1	1	1	1	1	1	1	1
Spinal meningitis	1	2.5	1	1	1	1	1	1	1	1	1	1
Typhoid fever (000-029)	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery, all forms (045-064)	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet fever and streptococcal sore throat	—	—	—	—	—	—	—	—	—	—	—	—
(050-051)	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (055)	—	—	—	—	—	—	—	—	—	—	—	—
Malaria (110-117)	—	—	—	—	—	—	—	—	—	—	—	—
All other diseases classified as infective and parasitic (030-039, 041-042, 044-049, 052-054, 059-074, 081-083, 086-096, 120-139)	4	10.2	3	1	2	9.8	2	—	—	—	—	—
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	80	20.3	71	6	3	25	12.5	24	1	23	169.1	18
Burden and unperfected neoplasms (210-229)	10	25.4	9	1	1	9	44.1	9	1	1	5	100
Burden and unspecified neoplasms (210-229)	10	25.4	9	1	1	9	44.1	9	1	1	5	100
Vascular lesions affecting central nervous system (320-324)	56	162.1	46	8	2	24	117.6	21	2	1	19	139.7
Rheumatoid arthritis (340-349)	1	1	1	1	1	1	4.9	1	1	1	1	19
Chronic rheumatic heart disease (410-416)	—	—	—	—	—	—	—	—	—	—	—	—
Arteriosclerotic and degenerative heart disease (420-427)	156	395.9	145	8	3	71	37.9	76	1	40	244.1	36
Appendicitis (320-323)	16	46.6	13	2	1	10	49.0	10	1	1	24.1	6
Intracranial obstruction and hernia (360-367)	4	10.2	4	—	—	—	—	—	—	—	—	—
Inflammation without mention of heart	2	5.1	2	—	—	—	—	—	—	—	—	—
Influenza (480-482)	1	2.5	1	—	—	—	—	—	—	—	—	—
Pneumonia (490-492)	12	30.5	12	—	—	—	—	—	—	—	—	—
Bronchitis (500-502)	1	2.5	1	—	—	—	—	—	—	—	—	—
Complications of stomach and duodenum (540, 541)	1	2.5	1	—	—	—	—	—	—	—	—	—
Appendicitis (320-323)	1	2.5	1	—	—	—	—	—	—	—	—	—
Intracranial obstruction and hernia (360-367)	4	10.2	4	—	—	—	—	—	—	—	—	—
Congenital malformations (750-759)	5	22.1	2	—	—	—	—	—	—	—	—	—
Birth injuries, perinatal asphyxia and asphyxia (760-762)	2	5.1	1	1	1	1	4.9	1	1	1	7.4	1
Intrauterine death, congenital anomalies (763-769)	5	12.7	2	—	—	—	—	—	—	—	—	—
Nephritis and nephrosis (550-594)	15	38.1	11	4	2	2	9.8	2	—	—	—	—
Hyperplasia of prostate (610)	2	2.5	1	—	—	—	—	—	—	—	—	—
Appendicitis (320-323)	1	2.5	1	—	—	—	—	—	—	—	—	—
Intestinal obstruction and hernia (360-367)	4	10.2	4	—	—	—	—	—	—	—	—	—
Congenital malformations (750-759)	3	7.6	3	—	—	—	—	—	—	—	—	—
Birth injuries, perinatal asphyxia and asphyxia (760-762)	2	5.1	1	1	1	1	4.9	1	1	1	7.4	1
Intrauterine death, congenital anomalies (763-769)	5	12.7	2	—	—	—	—	—	—	—	—	—
Nephritis and nephrosis (550-594)	15	38.1	11	4	2	2	9.8	2	—	—	—	—
Hyperplasia of prostate (610)	1	2.5	1	—	—	—	—	—	—	—	—	—
Appendicitis (320-323)	1	2.5	1	—	—	—	—	—	—	—	—	—
The puerperium (640-689)++	42	106.6	42	19.6	4	—	—	—	—	—	—	—
All other diseases (Residual)	13	33.0	12	1	—	—	—	—	—	—	—	—
Motor-vehicle accidents (880-882, 883-885)	43	14.7	3	3	23	112.7	20	2	1	14.7	1	—
All other accidents (880-882, 884-886, 887-889)	17	43.1	14	3	9	29.4	3	1	1	29.4	3	—
Suicide and self-inflicted injury (890-893)	2	5.1	2	—	—	—	—	—	—	—	—	—
Injury and operations of war (894-895)	2	5.1	2	—	—	—	—	—	—	—	—	—

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

Estimated population, July 1, 1959	JEWELL				ELIIS				GARFIELD			
	Total		Race		Total		Race		Total		Race	
	No.	Rate	No.	No.	No.	Rate	No.	No.	No.	Rate	No.	No.
Live birth*	103	15.6	94	—	9	87	15.5	66	83	15.5	70	17
Physician in hospital	94	—	85	—	9	87	15.5	66	83	15.5	70	17
Physician not in hospital	2	—	1	—	1	—	—	—	1	—	1	—
Midwife, other, or unknown	2	—	1	—	1	—	—	—	1	—	1	—
Saints**	2	19.4	2	—	2	19.4	2	—	2	19.4	2	—
Physician in hospital	1	—	1	—	1	—	—	—	1	—	1	—
Physician not in hospital	—	—	—	—	—	—	—	—	—	—	—	—
Midwife, other, or unknown	—	—	—	—	—	—	—	—	—	—	—	—
Total deaths, all causes†	75	11.4	73	—	2	64	11.0	64	69	9.9	479	20
Deaths under 1 year‡	5	46.5	4	—	1	4	46.0	4	18	44.1	17	1
Deaths under 1 month	4	38.8	4	—	3	36.2	3	—	3	5.9	2	1
Tuberculosis of respiratory system (001-003)	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis, other forms (10-019)	—	—	—	—	—	—	—	—	—	—	—	—
Spina bifida	—	—	—	—	—	—	—	—	—	—	—	—
Spinal meningitis	—	—	—	—	—	—	—	—	—	—	—	—
Seal licks (090)	—	—	—	—	—	—	—	—	—	—	—	—
Measles (051)	—	—	—	—	—	—	—	—	—	—	—	—
Whooping cough (056)	—	—	—	—	—	—	—	—	—	—	—	—
Measles, other (052-054)	—	—	—	—	—	—	—	—	—	—	—	—
Measles, other (059-074)	—	—	—	—	—	—	—	—	—	—	—	—
Harmful neoplasms, including neoplasms of lymphatic and hematopoietic tissues	13	197.0	13	—	6	607.1	6	—	6	11.9	6	—
Burden and unspecified neoplasms (210-229)	2	30.3	2	—	—	—	—	—	—	—	—	—
Burden and unspecified neoplasms (210-229)	2	30.3	2	—	—	—	—	—	—	—	—	—
Burden and unspecified neoplasms (210-229)	2	30.3	2	—	—	—	—	—	—	—	—	—
Neoplasms (230-234)	—	—	—	—	—	—	—	—	—	—	—	—
Vesicular stomatitis (300-304)	6	90.9	6	—	—	—	—	—	—	—	—	—
Rheumatic fever (400-402)	1	15.2	1	—	—	—	—	—	—	—	—	—
Pneumonia (490-492)	2	30.3	1	—	—	—	—	—	—	—	—	—
Bronchitis (490-492)	1	15.2	1	—	—	—	—	—	—	—	—	—
Ulcer of stomach and duodenum (540, 541)	1	17.9	1	—	—	—	—	—	—	—	—	—
Appendicitis (540-543)	1	17.9	1	—	—	—	—	—	—	—	—	—
Intestinal obstruction and hernia (560)	2	25.7	2	—	—	—	—	—	—	—	—	—
Gastritis, duodenitis, enteritis and colitis (560-562)	—	—	—	—	—	—	—	—	—	—	—	—
Esophagitis (560-562)	—	—	—	—	—	—	—	—	—	—	—	—
Inflammation of the newborn (751-768)	1	15.2	1	—	—	—	—	—	—	—	—	—
Cirrhosis (751-752)	1	15.2	1	—	—	—	—	—	—	—	—	—
Nephritis and nephrosis (550-594)	4	60.6	4	—	—	—	—	—	—	—	—	—
Hyperplasia of prostate (610)	1	15.2	1	—	—	—	—	—	—	—	—	—
Appendicitis (540-543)	1	17.9	1	—	—	—	—	—	—	—	—	—
The puerperium (640-689)++	—	—	—	—	—	—	—	—	—	—	—	—
Congenital malformations (750-759)	—	—	—	—	—	—	—	—	—	—	—	—
Birth injuries, postpartal asphyxia and asphyxia (760-762)	—	—	—	—	—	—	—	—	—	—	—	—
Infections of the newborn (751-768)	2	30.3	2	—</								

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

(Continued)

Estimated population, July 1, 1959	GARVIN						GRADY						GRANT						
	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race			
No.	Rate	No.	No.	No.	Rate	No.	No.	No.	Rate	No.	No.	No.	Rate	No.	No.				
Live births*	613	21.1	574	35	4	610	20.0	528	71	11	126	15.8	126	148	23.5	166	2		
Physician in hospital	602	564	36	595	4	518	66	11	126	14.4	143	16.4	143	147	165	165	2		
Physician not in hospital	11	10	1	14	1	10	1	1	14	1	14	16.3	143	16.3	147	165	2		
Midwife, other, or unknown	10	16.3	7	2	1	11	18.0	10	1	1	5	33.6	4	5	48.5	4	1		
Stillbirths*	10	16.3	7	2	1	8	10	1	1	3	1	1	1	1	1	1	1		
Physician in hospital	10	16.3	7	2	1	8	10	1	1	3	1	1	1	1	1	1	1		
Midwife, other, or unknown	10	16.3	7	2	1	8	10	1	1	3	1	1	1	1	1	1	1		
Total deaths, all causes*	290	10.0	264	22	301	24	1	108	13.5	107	1	107	10.7	1	73	11.4	71	2	
Deaths under 1 year*	19	31.0	15	2	2	20	32.8	15	3	1	1	13.9	2	1	59	9.4	59	1	
Baths under 1 month	14	22.8	13	2	12	4	1	7.9	1	1	1	6.7	1	1	4	21.0	4	4	
Tuberculosis, all forms	1	10.0	1	1	1	10.0	1	1	1	1	1	15.6	1	1	1	15.6	1	1	
Syphilis and its sequelae	1	3.4	1	2	1	6.6	2	1	1	1	1	1	1	1	1	1	1	1	
Typhoid fever	1	3.4	1	2	1	6.6	2	1	1	1	1	1	1	1	1	1	1	1	
Dysentery, all forms	1	0.5	0.6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Scarlet fever and streptococcal sore throat	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Diphtheria (055)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
All other diseases classified as infective and parasitic (030-039; 041-042; 044-046; 049-054; 059-074; 081-083; 085-096; 120-139)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	45	18.6	44	1	48	15.7	48	-	18	22.5	18	-	-	-	-	-	-	-	-
Amenorrhea (290-292)	3	10.3	3	1	3	9.8	1	2	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	40	13.7	37	3	48	15.7	44	4	13	16.2	13	-	-	-	-	1	15.6	1	-
Rheumatic meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	15.9	1	-
Chronic rheumatic heart disease (410-416)	5	17.2	5	1	1	3.3	1	1	12.5	1	-	-	-	-	-	1	15.9	1	-
Arteritis, arteritic and degenerative heart disease (420-426)	7	26.6	72	4	1	7.5	20.9	72	2	1	40	50.0	39	1	22.2	14	1	-	
Obstruction of heart (430-436)	6	10.6	6	1	6	10.6	6	1	25.0	2	-	-	-	-	-	1	15.6	1	-
Hypertension without mention of heart (440-446)	40	13.7	37	3	48	15.7	44	4	13	16.2	13	-	-	-	-	1	15.9	1	-
Influenza (480-483)	4	13.7	4	1	12	39.3	11	1	4	50.0	4	-	-	-	-	1	15.9	1	-
Pneumonia (490-493)	8	27.5	5	2	1	4	37.5	3	1	4	37.5	-	-	-	-	1	15.9	1	-
Bronchitis (500-502)	3	10.3	3	1	1	3.3	1	1	12.5	1	-	-	-	-	-	1	15.6	1	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Appendicitis (550-553)	1	1.6	1	1	1	12.5	1	1	1	1	1	1	1	1	1	1	1	1	
Esophageal obstruction and hernia (560)	4	13.7	3	1	1	3.3	1	1	1	1	1	1	1	1	1	1	1	1	
Gastritis, duodenitis, enteritis, colitis, etc., except diarrhea of the newborn (563-571, 572)	5	17.2	5	1	7	23.0	5	2	1	12.5	1	-	-	-	-	1	15.9	1	-
Other diseases of liver (581)	1	3.4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Nephritis and nephrosis (590-594)	4	13.7	2	1	1	16.4	4	1	1	1	1	1	1	1	1	1	1	1	
Hyperplasia of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Complications of pregnancy, childbirth and the puerperium (640-649)**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Congenital deformities (750-759)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	15.9	1	-
Deafness, dumbness, mental retardation, etc., except deafness of the newborn (564-571, 572)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Infections of the eye (760-769)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other diseases peculiar to early infancy and immaturity unclassified (769-776)	6	20.6	6	1	6	19.7	5	1	1	1	1	1	1	1	1	21.7	2	-	
Neonatal tetany (777)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Senility without mention of psychosis (811)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All defined and unknown causes (780-795)	5	17.2	1	4	7	23.0	6	1	2	25.0	2	2	22.0	2	1	15.6	1	-	
All other diseases (Residual)	25	85.9	23	1	1	39	27.9	38	1	12	15.0	12	17	18.6	17	1	15.6	1	-
All other vehicle accidents (880-883)	13	44.7	13	1	1	29.5	1	1	1	1	1	1	1	1	1	1	1	1	
All other accidents (880-882; E880-E882)	11	37.8	13	1	1	17.5	14	1	1	1	1	1	1	1	1	1	1	1	
Homicide and self-inflicted injury (E883)	2	6.9	2	1	1	12.5	1	1	1	1	1	1	1	1	1	1	1	1	
Hostile and other operations of war (E884-E885)	3	9.8	2	1	1	12.5	1	1	1	1	1	1	1	1	1	1	1	1	
E880-E889)	1	10.3	1	1	1	3.3	1	1	1	1	1	1	1	1	1	1	1	1	1

Estimated population, July 1, 1959	GIBER						HARON						HARDER						
	Total	Race	Total	Race	Total	Race													
No.	Rate	No.	No.	No.	Rate	No.	No.	No.	Rate	No.	No.	No.	Rate	No.	No.				
Live births*	149	16.4	144	16.5	103	16.1	85	17	1	148	23.5	166	165	2	147	165	165	2	
Physician in hospital	143	16.3	143	16.3	102	16.1	84	17	1	147	23.5	166	165	2	147	165	165	2	
Physician, other, or unknown	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Stillbirths*	5	33.6	4	1	5	48.5	4	1	1	4	1	1	1	1	1	1	1	1	1
Physician in hospital	5	33.6	4	1	5	48.5	4	1	1	4	1	1	1	1	1	1	1	1	1
Physician not in hospital	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Midwife, other, or unknown	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total deaths, all causes*	129	12.5	125	12.4	4	12.5	4	1	73	11.4	71	2	71	2	71	2	71	2	71
Deaths under 1 year*	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Births under 1 month	1	6.7	1	1	1	6.7	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (140-149)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (150-159)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (160-169)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (170-179)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (180-189)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (190-199)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (200-209)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (210-219)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (220-229)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (230-239)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (240-249)	1	10.0	1	1	1	10.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Termination of pregnancy (250-259)	1	10.0	1</																

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE PER 1,000 POPULATION, BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1959
 (Continued)

**SEE BIBLIOGRAPHY
(continued)**

Estimated population, July 1, 1959	HASKELL				HUGHES				JACKSON			
	Total		Race		Total		Race		Total		Race	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live birth ^a , "natural"	153	15.1	144	1	8	285	19.5	230	14	41	1,110	31.3
Physician in hospital	100	1	7	280	13	40	1,092	12	33	977	84	14
Physician not in hospital	53	52	1	7	2	3	1	1	1	16	3	8
Midwife, others, or unknown	53	52	1	7	2	3	1	1	1	15	3	3
Stillbirths ^b	5	32.7	5	1	—	21.1	4	1	1	14	12	2
Physician in hospital	1	—	—	—	—	—	—	—	—	—	—	—
Physician not in hospital	4	—	4	—	—	—	—	—	—	—	—	—
Midwife, others, or unknown	4	—	—	—	—	—	—	—	—	—	—	—
Total deaths, all causes ^c	115	11.4	110	5	184	12.6	163	8	221	6.2	212	8
Deaths under 1 month	1	6.5	1	—	6	21.1	2	1	3	25	23.4	1
Deaths 1-4 years	1	6.5	1	—	3	20.5	3	1	2	26	19.0	19
Deaths 5-19 years	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 20-64 years	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 65 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 75 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 85 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 95 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 105 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 115 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 125 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 135 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 145 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 155 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 165 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 175 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 185 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 195 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 205 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 215 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 225 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 235 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 245 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 255 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 265 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 275 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 285 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 295 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 305 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 315 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 325 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 335 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 345 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 355 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 365 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 375 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 385 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 395 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 405 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 415 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 425 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 435 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 445 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 455 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 465 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 475 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 485 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 495 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 505 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 515 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 525 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 535 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 545 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 555 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 565 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 575 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 585 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 595 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 605 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 615 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 625 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 635 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 645 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 655 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 665 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 675 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 685 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 695 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 705 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 715 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 725 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 735 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 745 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 755 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 765 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 775 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 785 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 795 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 805 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 815 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 825 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 835 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 845 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 855 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 865 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 875 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 885 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 895 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 905 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 915 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 925 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 935 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 945 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 955 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 965 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 975 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 985 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
Deaths 995 years and over	1	6.5	1	—	3	10.5	1	—	—	—	—	—
All other diseases (residual)	9	99.1	8	—	—	—	—	—	—	—	—	—
Motor-vehicle accidents (810-819)	4	99.1	4	—	—	—	—	—	—	—	—	—
All other accidents (820-829)	4	99.1	4	—	—	—	—	—	—	—	—	—
Suicide and self-inflicted injury (846-855)	4	99.1	4	—	—	—	—	—	—	—	—	—
Infectious and parasitic diseases (870-879)	4	99.1	4	—	—	—	—	—	—	—	—	—
Other diseases (880-899)	4	99.1	4	—	—	—	—	—	—	—	—	—
Homicide, assault, and other non-natural deaths (890-899)	4	99.1	4	—	—	—	—	—	—	—	—	—
Diseases of heart (310-319)	9	99.1	8	—	—	—	—	—	—	—	—	—
Hypertension without mention of heart	9	99.1	8	—	—	—	—	—	—	—	—	—
Hypertension with mention of heart	9	99.1	8	—	—	—	—	—	—	—	—	—
Cerebrovascular diseases (320-329)	9	99.1	8	—	—	—	—	—	—	—	—	—
Cerebral hemorrhage (320-329)	9	99.1	8	—	—	—	—	—	—	—	—	—
Cerebral infarction (320-329)	9	99.1	8	—	—	—	—	—	—	—	—	—
Cerebral embolism (320-329)												

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE

ER BY COUNT (Continued)

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

(Continued)

Estimated population, July 1, 1959	KINGFISHER			KOTMA			LAWRENCE			LEFLORE			LINCOLN			LOGAN					
	Total Rate			Race Rate			Total Rate			Race Rate			Total Rate			Race Rate					
	No.	Rate	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	Rate	No.	No.				
Live birth*	218	19.8	189	22	7	317	20.9	255	29	33	113	13.3	94	2	17	342	18.9	257	84	1	
Physician in hospital	218	18.9	189	22	7	308	20.5	248	26	32	98	12.2	1	1	1	319	25.3	253	76	1	
Midwife, other, or unknown	5	22.9	4	-	-	1	1	1	1	1	13	12.2	1	1	1	1	1	1	1	1	
Stillbirth*	5	22.9	4	-	-	1	1	1	1	1	2	17.7	2	1	1	2	5.6	2	5.6	7	
Physician in hospital	5	22.9	4	-	-	1	1	1	1	1	2	17.7	2	1	1	2	5.6	2	5.6	7	
Midwife, other, or unknown	5	22.9	4	-	-	1	1	1	1	1	2	17.7	2	1	1	2	5.6	2	5.6	7	
Total deaths, all causes	139	22.6	124	13	2	199	13.1	176	17	6	89	10.5	83	1	4	282	21.6	65	1	1	
Deaths under 1 year	139	22.6	124	13	2	126	14.4	126	14	1	83	8.8	76	1	4	38.0	21.6	65	1	1	
Tuberculosis of respiratory system (001-008)	2	18.2	1	1	1	1	1	1	1	1	1	15.9	1	1	1	1	1	1	1	1	
Syphilis and its sequelae (020-025)	1	6.6	1	1	1	1	1	1	1	1	1	15.9	1	1	1	1	1	1	1	1	
Typhoid fever (040)	1	6.6	1	1	1	1	1	1	1	1	1	15.9	1	1	1	1	1	1	1	1	
Dysentery, all forms (044-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Scarlet fever and streptococcal sore throat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Diphtheria (051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other diseases classified as infective and parasitic (090-099, 104-104, 044-049, 052-054, 059-074, 081-083, 086-095, 100-101)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Measles, mumps, including neoplasms of lymphatic and hemopoietic tissues (270-279)	1	9.1	1	-	1	6.6	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Benign and malignant neoplasms of bone and connective tissue (200-209)	18	15.3	16	2	1	29	19.8	26	3	1	18	21.9	18	10	1	45	17.6	45	3	1	
Diabetes mellitus (250-259)	6	54.5	4	-	2	13.2	1	1	1	1	23.5	2	23.5	1	1	1	3.2	1	1	1	
Anemia (290-299)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vascular lesions affecting central nervous system (310-334)	27	24.5	26	1	-	20	131.6	19	1	-	168	2.2	168	2	2	1	44	26.0	44	1	1
Hemangiopericytoma, meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	18.9	31	5	
Chronic rheumatic heart disease (410-416)	2	18.2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	4	4	1	
Arteriosclerotic and degenerative heart disease (420-422)	32	20.9	28	4	-	65	47.6	61	2	19	22.5	19	19	1	1	1	77.4	11.8	71	5	1
Other disorders of heart (430-434)	2	8.2	2	-	2	13.2	2	1	1	1	19.8	1	19.8	1	1	1	9.6	8.1	5	27.3	5
Hypertension with heart disease (440-443)	1	9.1	1	-	1	16.3	14	2	1	1	23.5	2	23.5	1	1	1	22.2	7.0	1	1	1
Hypertension without mention of heart (444-447)	1	9.1	1	-	1	19.7	3	-	-	-	9	5.3	1	-	-	57	314.9	42	15	-	
Influenza (480-483)	3	13.2	2	1	-	1	19.7	2	1	-	1	19.7	2	1	-	1	4.8	22.1	4	-	-
Pneumonia (490-499)	6	54.5	6	-	1	19.7	2	1	-	1	58.8	5	58.8	5	1	1	1	1	1	1	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ulcers of stomach and duodenum (540, 541)	1	9.1	1	-	1	6.6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Appendicitis (550-554)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Appendicitis, intestinal obstruction and hernia (560-564)	4	36.4	3	1	-	-	-	-	-	-	11.8	1	11.8	1	1	1	10.7	2	-	1	1
Gastritis, duodenitis, enteritis and colitis except diarrhoea of the newborn (565-572)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6	16.6	1	2	
Infection of the newborn (570-572)	3	27.3	3	-	3	19.7	1	2	-	1	11.8	1	11.8	1	1	1	5.5	1	1	1	-
Cirrhosis of liver (811)	3	27.3	2	-	1	6.6	1	-	1	1	23.5	1	23.5	1	1	1	5.6	26.7	4	1	-
Nephritis and nephrosis (590-594)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.1	5.3	1	1	
Hepatitis of prostate (610)	1	9.1	1	-	1	6.6	1	-	1	1	1	19.7	1	19.7	1	1	1	5.3	1	1	1
Complications of pregnancy, childbirth and puerperium (640-649)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the heart (650-659)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the blood (660-669)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the skin (670-679)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the eye (680-689)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the ear, nose and throat (690-699)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the nervous system (700-709)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the musculoskeletal system and connective tissue (710-719)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the genitourinary system (720-729)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the digestive system (730-739)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the respiratory system (740-749)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the heart, blood vessels and blood (750-759)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the liver, gallbladder and biliary tract (760-769)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the kidneys and urinary tract (770-779)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the skin and appendages (780-789)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the eye, ear, nose and throat (790-799)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the nervous system (800-809)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the musculoskeletal system and connective tissue (810-819)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the respiratory system (820-829)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the heart, blood vessels and blood (830-839)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the liver, gallbladder and biliary tract (840-849)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the kidneys and urinary tract (850-859)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the skin and appendages (860-869)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the eye, ear, nose and throat (870-879)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the nervous system (880-889)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the musculoskeletal system and connective tissue (890-899)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the respiratory system (900-909)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the heart, blood vessels and blood (910-919)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the liver, gallbladder and biliary tract (920-929)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the kidneys and urinary tract (930-939)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the skin and appendages (940-949)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the eye, ear, nose and throat (950-959)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the nervous system (960-969)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the musculoskeletal system and connective tissue (970-979)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the respiratory system (980-989)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All other diseases of the heart, blood vessels and blood (990-999)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Estimated population,

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

	LORE			MCCLAIN			MCINTOSH			MORRISON			MUSKELONG			
	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	
Estimated population, July 1, 1959	6,100	No.	Rate	No.	No.	Ind.	13,400	No.	Rate	No.	No.	Ind.	25,400	No.	Rate	
Live births*	97	15.9	82	13	2		234	17.5	223	6	5	481	18.9	321	90	
Physician in hospital	70	10.5	59	10	1		231	17.5	220	6	5	427	17.7	311	49	
Physician not in hospital	23	3.5	21	3	1		1	3	3	1	1	53	13.3	39	33	
Stillbirths†	1	1.0	1	1	1		4	1.1	4	1	1	1	2	1	1	
Physician in hospital	1	1.0	1	1	1		4	1.1	4	1	1	1	2	1	1	
Middle, other, or unknown	—	—	—	—	—		—	—	—	—	—	—	—	—	—	
Total deaths, all causes‡	64	10.5	57	4	3		140	10.4	131	9	3	1	1	2	1	
Deaths under 1 year*	30	5.2	1	1	1		5	21.4	15	9	1	1	26	11.7	222	51
Deaths under 1 month*	16	4	1	1	1		2	21.4	5	1	1	1	15	6.9	15	15
Infarction of respiratory system (001-005)	1	1.6	1	1	1		2	14.9	1	1	1	1	1	15.7	2	1
Tuberculosis, other forms (010-019)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Tuberculosis, other forms (020-029)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Typhoid fever (040)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Dysentery, all forms (055-068)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Scarlet fever and streptococcal sore throat	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Diphtheria (055)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Whooping cough (056)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Bacillary polymyelitis (060)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Measles (084)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Measles (085)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Type B and other rickettsial diseases (100-104)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Malaria (110-117)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
All other diseases classified as infective and parasitic (090-099, 041, 042, 044)	049	0.82	0.046	059-074	081-083	086-096	—	—	—	—	—	—	—	—	—	—
Maligant neoplasms, including neoplasms of lymphatic and hemopoietic tissues (140-149)	15	24.9	14	1	1		17	16.9	17	—	1	3	36	16.1	32	1
Brain and spinal neoplasms (210-229)	1	16.4	1	1	1		2	14.9	2	1	1	3.9	1	1	1	1
Arteriosclerotic and degenerative heart disease (240-242)	1	16.4	1	1	1		1	14.9	1	1	1	3.9	1	1	1	1
Aneurysm (290-292)	1	16.4	1	1	1		1	17.5	1	1	1	1	1	1	1	1
Vascular lesions affecting central nervous system (310-319)	12	19.6	12	—	—		21	15.7	17	4	39	13.5	25	12	2	
Neurogenitocervical meningitis (340)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Rheumatic fever (400-402)	1	16.4	1	1	1		3	22.4	3	—	1	3.9	1	1	1	1
Chronic rheumatic heart disease (410-416)	16	28.3	15	—	—		41	30.6	41	—	82	32.8	71	9	2	
Arteriosclerotic and degenerative heart disease (440-442)	1	16.4	1	1	1		2	14.9	1	1	10	39.4	6	3	1	
Hypertension without mention of heart disease (460-463)	16	24.4	1	1	1		7	52.2	7	—	10	35.4	6	2	1	
Hypertension on the part mention of heart (464-467)	1	1.75	1	1	1		1	1.75	1	1	3	11.8	2	2	1	
Influenza (480-483)	1	16.4	1	1	1		3	22.4	3	—	1	3.9	1	1	1	
Pneumonia (490-493)	1	16.4	1	1	1		4	22.4	3	—	1	3.9	1	1	1	
Bronchitis (500-502)	1	16.4	1	1	1		5	22.4	3	—	1	3.9	1	1	1	
Ulcer of stomach and duodenum (540, 541)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Appendicitis (550-553)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Inflammatory obstruction and hernia (560-561)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Gastritis, duodenitis, esophitis and gastritis, except diarrhea of the newborn (564)	2	32.8	2	—	—		1	7.5	1	—	2	7.9	2	—	1	
Cirrhosis of liver (561)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Nephritis and nephrosis (560-564)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Hyperplasia of prostate (610)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Complications of pregnancy, child birth and the puerperium (660-689)***	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Congenital malformations (750-799)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Bronchitis, bronchiitis, emphysema and asthmatitis (760-762)	2	32.8	1	1	1		2	14.9	2	—	6	23.6	3	2	2	
Infections of the nose (763-766)	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
Other diseases peculiar to ear, nose and throat and immature unqualified (767-776)	—	—	—	—	—		3	22.4	3	—	5	19.7	3	2	1	
Infantility without mention of psychosis (781)	2	32.8	1	1	1		1	7.5	1	—	13	51	1	1	1	
All other diseases (Residual)	4	65.6	4	—	—		13	97.0	11	20	78.7	18	1	13.7	6	
Motor vehicle accidents (810-835)	16	24.4	1	1	1		16	24.4	1	—	8	65.5	8	6	27.8	
All other accidents (836-882)	16	24.4	1	1	1		16	24.4	1	—	8	65.5	8	6	27.8	
Suicide and self-inflicted injury (893-899)	1	7.5	1	1	1		11	43.3	6	—	3	5	1	1	13.9	
Operations of war (896-898)	1	3.9	1	1	1		1	3.9	1	—	1	13.9	1	1	13.9	
Hostile and non-hostile (899-901)	5	19.7	2	3	—		—	—	—	—	—	—	—	—	—	—

	MCINTOSH			MAJOR			MARSHALL		
	Total	Race	Total	Race	Total	Race	Total	Race	Total
Estimated population, July 1, 1959	12,400	No.	12,400	No.	12,400	No.	7,700	No.	7,700
Live births*	159	16.0	121	49	29	131	17.9	131	17.2
Physician in hospital	129	94	12	23	12	6	124	—	121
Physician not in hospital	55	33	27	22	6	6	124	—	121
Stillbirths*, other, or unknown	15	15	15	15	15	15	15	15	15
Physician in hospital	2	2	1	1	1	1	2	2	2
Physician not in hospital	1	1	1	1	1	1	1	1	1
Total deaths, all causes‡	136	11.0	100	24	12	71	9.7	71	9.7
Deaths under 1 year*	106	16.1	1	1	1	1	100	24	100
Deaths under 1 month*	16	2.4	1	1	1	1	16	1	16
Tuberculosis, other forms (010-019)	1	1.6	1	1	1	1	1	1	1
Tuberculosis, 1st sequelae (020-029)	1	1.6	1	1	1	1	1	1	1
Typhoid fever (040)	—	—	—	—	—	—	—	—	—
Dysentery, all forms (055-068)	—	—	—	—	—	—	—	—	—
Scarlet fever and streptococcal sore throat	—	—	—	—	—	—	—	—	—
Diphtheria (055)	—	—	—	—	—	—	—	—	—
Whooping cough (056)	—	—	—	—	—	—	—	—	—
Bacillary polymyelitis (060)	—	—	—	—	—	—	—	—	—
Neoplastic neoplasms, including neoplasms of lymphatic and hemopoietic tissues (140-149)	23	185.5	15	6	2	12	164.4	12	8
Benign and malignant tumors (140-249)	2	16.1	1	1	1	1	13.7	1	1
Diabetes mellitus (240-259)	1	8.1	1	1	1	1	13.7	1	1
Arteriosclerotic and degenerative heart disease (240-242)	34	242	27	5	2	19	263	19	22
Hypertension without heart disease (460-463)	2	16.1	1	1	1	1	13.7	1	1
Hypertension with heart disease (464-467)	31	220.0	25	2	4	10	137.0	10	17
Rheumatic fever (400-402)	1	1.6	1	1	1	1	13.9	1	1
Chronic rheumatic heart disease (410-416)	2	16.1	1	1	1	1	13.9	1	1
Arteriosclerotic and degenerative heart disease (440-442)	34	242	27	5	2	19	263	19	22
Appendicitis (530-533)	1	8.1	1	1	1	1	13.7	1	1
Inflammatory obstruction and hernia (560-561)	—	—	—	—	—	—	—	—	—
Gastritis, duodenitis, esophitis and gastritis, except diarrhea of the newborn (564)	3	24.2	2	1	1	1	13.7	1	13.9
Cirrhosis of liver (561)	2	16.1	2	1	1	1	13.9	1	13.9
Nephritis and nephrosis (560-564)	4	32.3	3	1	1	1	13.7	1	13.9
Hyperplasia of prostate (610)	4	32.3	3	1	1	1	13.9	1	13.9
Complications of pregnancy, child birth and the puerperium (660-689)***	—	—	—	—	—	—	—	—	—
The puerperium (660-689)***	—	—	—	—	—	—	—	—	—
Congenital malformations (750-799)	—	—	—	—	—	—	—	—	—
Bronchitis, bronchiitis, emphysema and asthma, except asthma of the newborn (760-762)	2	16.1	2	1	1	1	13.7	1	13.9
Infections of the nose (763-766)	4	32.3	3	1	1	1	13.9	1	13.9
Other diseases peculiar to ear, nose and throat and immature unqualified (767-776)	—	—	—	—	—	—	—	—	—
Skin and mucous membrane diseases (777-786)	—	—	—	—	—	—	—	—	—

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

(Continued)

Estimated population, July 1, 1959	MURRAY				MUSKOGEE			
	Total		Race		Total		Race	
	No.	Rate	No.	Ind.	No.	Rate	No.	Ind.
Live birth*, 1,398	18.8	348	2	48	188	16.3	172	9
Physician in hospital	382	***	315	1	189	16.3	163	8
Midwife, other, or unknown	13	***	15	1	188	16.3	163	8
Stillbirth†, 19	15.1	1	10	***	190	17.0	172	9
Physician in hospital	6	***	5	1	4	21.3	3	1
Midwife, other, or unknown	1	***	1	1	3	17.7	2	1
Total deaths, all causes*	200	9.4	188	1	11	13.2	148	3
Deaths under 1 year*	6	15.1	5	1	3	13.0	3	1
Deaths under 1 month*	2	9.4	2	1	3	16.0	3	1
Deaths under 1 week*	2	6.7	1	1	3	20.5	27	13
Deaths under 1 day*	1	6.7	1	1	3	22.9	20	10
Deaths under 1 hour*	1	6.7	1	1	3	22.9	20	10
Deaths under 1 minute*	1	6.7	1	1	3	22.9	20	10
Deaths under 1 second*	1	6.7	1	1	3	22.9	20	10
Smallpox (080)	1	4.7	1	1	1	1	1	1
Typhoid fever (080)	1	4.7	1	1	1	1	1	1
Dysentery, all forms (045-046)	1	4.7	1	1	1	1	1	1
Scarlet fever and streptococcal sore throat	1	4.7	1	1	1	1	1	1
Diphtheria (051)	1	4.7	1	1	1	1	1	1
Whooping cough (056)	1	4.7	1	1	1	1	1	1
Meningococcal infections (057)	1	4.7	1	1	1	1	1	1
Hemolytic streptococcal infections (080)	1	4.7	1	1	1	1	1	1
Smallpox (080)	1	4.7	1	1	1	1	1	1
Typhoid fever (080)	1	4.7	1	1	1	1	1	1
Measles (082)	1	4.7	1	1	1	1	1	1
Typhus and other rickettsial diseases (100-108)	1	4.7	1	1	1	1	1	1
Measles (110-111)	1	4.7	1	1	1	1	1	1
All other diseases classified as infective and parasitic (090-099, 094, 095, 096, 097, 098, 099, 052-054, 059-074, 081-083, 086-096, 120-139)	-	-	-	-	1	8.7	1	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	36	16.9	35	-	1	28	24.5	27
Benign and premalignant neoplasms (210-229)	1	4.2	1	-	1	3	26.1	1
Amenorrhea (220-229)	1	4.7	1	-	1	3	26.1	1
Vascular lesions affecting central nervous system (310-334)	34	16.4	30	-	4	27	23.8	26
Rheumatoid arthritis (340)	1	4.7	1	-	1	85	139.1	64
Chronic rheumatic heart disease (410-416)	4	18.9	4	-	1	117	191.5	77
Arteriosclerosis and degenerative heart disease (420-422)	40	18.7	38	-	2	47	108.7	46
Onset before age 40 years (420-422)	3	12.0	3	-	1	205	355.5	165
Hyperthyroidism without mention of heart (440-442)	7	31.0	6	1	4	34.9	44	15
Influenza (440-443)	1	8.7	1	-	1	22	52.2	6
Pneumonia (440-443)	1	8.7	1	-	1	8	13.1	4
Bronchitis (500-502)	3	14.2	2	-	1	3	3.3	1
User of alcohol and dioxaneum (540, 541)	3	14.2	3	-	1	26.1	12	4
Appendicitis (550-553)	4	14.7	1	-	2	17.4	2	1
Intestinal obstruction and hernia (560, 561, 570)	3	14.2	3	-	1	2	4.9	2
Gastritis, duodenitis, enteritis and colitis (560-572)	1	4.7	1	-	1	2	3.3	2
Cirrhosis of liver (580)	1	4.7	1	-	1	4	8.2	5
Nephritis and nephrosis (580-584)	1	4.7	1	-	1	4	11.5	3
Complications of pregnancy, childbirth and the puerperium (640-649)†	1	4.7	1	-	1	2	6.5	1
Congenital malformations (750-759)	2	9.4	1	-	1	2	12.4	6
Birth injuries, postpartum asphyxia and birth asphyxia (760-762)	1	4.7	1	-	1	2	10	16.4
Other diseases of the newborn (760-768)	1	4.7	1	-	1	2	3.2	2
Obstetrics and gynecology (760-769)	1	4.7	1	-	1	4	34.8	3
Sensitivity without mention of psychosis (770-776)	2	9.4	2	-	2	17.4	2	13
Definite and unknown causes (780-795)	6	28.3	6	-	1	8.7	1	35
All other diseases (Residual)	15	70.8	15	-	10	87.0	10	55
Motor vehicle accidents (800-802, 840-842)	10	47.2	10	-	1	24.9	34.8	15
Other accidents (800-802, 840-842)	6	6.6	13	-	1	26.1	24.9	5
Suicide and self-inflicted injury (863)	1	4.7	1	-	2	17.4	2	6
Homicide (870-879)	1	4.7	1	-	2	17.4	2	6
Operations of war (894-895)	2	9.4	2	-	1	6	9.8	4

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

(Continued)

Estimated population, July 1, 1959	NOVAZ				NOMADA				OKEESEE				
	Total		Race		Total		Race		Total		Race		
	No.	Rate	No.	Ind.	No.	Rate	No.	Ind.	No.	Rate	No.	Ind.	
Live birth*, 1,150	11.5	1,150	Wh.	Ind.	11.5	11.5	Wh.	Ind.	12,400	12.4	12,400	Wh.	Ind.
Physician in hospital	102	15.4	157	7	18	22.0	18.8	17	7	21.0	17.4	32	35
Midwife, other, or unknown	19	15.4	140	17	1	21.6	19.6	17	19.1	14.2	14.2	31	31
Stillbirth†, 19	15.4	140	17	1	2	2.2	2.2	2	2	1.2	1.2	3	3
Physician in hospital	4	22.0	3	1	1	8.5	1	1	8.5	1	1	1	1
Midwife, other, or unknown	4	22.0	3	1	1	8.5	1	1	8.5	1	1	1	1
Total deaths, all causes*	135	11.4	124	6	16.9	14.0	13.7	7	14.0	12.7	13.6	8	8
Deaths under 1 year*	135	11.4	124	6	16.9	14.0	13.7	7	14.0	12.7	13.6	8	8
Deaths under 1 month*	1	5.5	1	1	1	5.5	5.5	1	5.5	1	1	1	1
Deaths under 1 week*	1	5.5	1	1	1	5.5	5.5	1	5.5	1	1	1	1
Deaths under 1 day*	1	5.5	1	1	1	5.5	5.5	1	5.5	1	1	1	1
Deaths under 1 hour*	1	5.5	1	1	1	5.5	5.5	1	5.5	1	1	1	1
Deaths under 1 second*	1	5.5	1	1	1	5.5	5.5	1	5.5	1	1	1	1
Smallpox (080)	1	4.7	1	1	1	4.7	4.7	1	4.7	1	1	1	1
Typhoid fever (080)	1	4.7	1	1	1	4.7	4.7	1	4.7	1	1	1	1
Scarlet fever and streptococcal sore throat	1	4.7	1	1	1	4.7	4.7	1	4.7	1	1	1	1
Diphtheria (051)	1	4.7	1	1	1	4.7	4.7	1	4.7	1	1	1	1
Whooping cough (056)	1	4.7	1	1	1	4.7	4.7	1	4.7	1	1	1	1
Meningococcal infections (057)	1	4.7	1	1	1	4.7	4.7	1	4.7	1	1	1	1
Acute polyarthritis (058)	1	4.7	1	1	1	4.7	4.7	1	4.7	1	1	1	1
Measles (080)	1	4.7	1	1	1	4.7	4.7	1	4.7	1	1	1	1
Lymphatic and hematopoietic tissues	19	16.1	19	-	19	18.3	15	3	-	20	16.3	17	3
Benign and unspecified neoplasm (210-229)	3	25.4	1	1	1	8.5	1	1	1	3	24.8	3	1
Benign and unspecified neoplasms (230-234)	1	12.5	1	1	1	12.5	12.5	1	1	1	12.5	12	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	19	16.1	19	-	19	18.3	15	3	-	20	16.3	17	3
Benign and unspecified neoplasms (210-229)	3	25.4	1	1	1	8.5	1	1	1	3	24.8	3	1
Benign and unspecified neoplasms (230-234)	1	12.5	1	1	1	12.5	12.5	1	1	1	12.5	12	1
Arteriosclerotic and degenerative heart disease (410-416)	2	16.9	2	-	2	17.1	2	-	2	17.1	2	17	3
Arteriovenous and congenital heart disease (420-422)	2	16.9	2	-	2	17.1	2	-	2	17.1	2	17	3
Arteritis and arteriolitis (430-434)	46	39.8	45	-	46	39.8	45	1	40	31.9	36	4	46
Other diseases of heart (430-434)	1	8.5	1	-	1	8.5	8.5	1	1	9	74.4	5	45
Hypertension with heart disease (440-443)	5	42.4	4	1	6	51.3	4	2	6	51.3	4	2	2
Hypertension without mention of heart	2	16.9	2	-	1	8.5	1	1	1	8.3	1	1	1
Inflammation (460-463)	2	16.9	2	-	2	24.2	3	1	3	24.8	2	1	1
Pneumonia (490-493)	2	16.9	2	-	2	24.2	3	1	3	24.8	2	1	1
Bronchitis (500-502)	1	8.5	1	-	3	25.6	2	1	2	24.8	2	1	1
Ulcer of stomach and duodenum (540, 541)	1	8.5	1	-	1	8.5	8.5	1	1	8.3	1	1	1
Appendicitis (550-553)	3	14.7	1	-	1	12.4	12	1	1	12.4	12	1	1
Intestinal obstruction and hernia (560, 561, 570)	1	4.7	1	-	1	2	17.1	2	1	16.5	2	1	1
Gastritis, duodenitis, enteritis and colitis (560-572)	2	16.9	2	-	2	25.6	2	1	3	24.8	2	1	1
Other diseases of the newborn (580-584)	3	25.4	2	1	2	17.1	2	1	2	16.5	2	1	1
Hepatitis and jaundice (580-584)	3	25.4	2	1	2	17.1	2	1	2	16.5	2	1	1
Hyperplasia of rectum (580-584)	1	8.5	1	-	1	8.5	8.5	1	1	8.3	1	1	1
Complications of pregnancy, childbirth and the puerperium (640-649)†	1	8.5	1	-	1	22.9	2	1	1	22.9	2	1	1
Complications of pregnancy, childbirth and the puerperium (640-649)‡	1	8.5	1	-	1	22.9	2	1	1	22.9	2	1	1
Congenital malformations (750-759)	1	8.5	1	-	1	8.5	8.5	1	1	8.3	1	1	1
Birth injuries, postpartum asphyxia and birth asphyxia (760-762)	1	8.5	1	-	1	8.5	8.5	1	1	8.3	1	1	1
Infections of the newborn (760-768)	1	8.5	1	-	1	8.5	8.5	1	1	8.3	1	1	1
Other diseases peculiar to early infancy and immaturity, unqualified (769-776)	3	25.4	2	1	2	17.1	2	1	2				

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

Estimated population, July 1, 1952	OKLAHOMA						ORANGE						OSAGE					
	Total	White	Race	Total	White	Race	Total	White	Race	Total	White	Race	Total	White	Race	Total	White	Race
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Live births*, all	11,059	2,127	9,882	1,630	387	699	19,8	458	132	69	526	16,4	438	23	65	519	16,4	438
Physician in hospital	11,059	2,127	9,882	1,630	387	699	19,8	458	132	69	526	16,4	438	23	65	519	16,4	438
Physician not in hospital	40	28	9,227	1,156	186	580	38	456	58	66	519	16,4	438	23	65	519	16,4	438
Midwife, other, or unknown	40	28	9,227	1,156	186	580	38	456	58	66	519	16,4	438	23	65	519	16,4	438
Stillbirths*	141	122	109	28	4	9	12,9	35	6	3	31	1	1	1	1	31	1	1
Physician in hospital	138	117	109	27	4	9	12,9	35	6	3	31	1	1	1	1	31	1	1
Physician not in hospital	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Midwife, other, or unknown	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total deaths, all causes*	3,374	832	2,984	364	26	469	13,3	385	76	8	287	8,9	262	10	15	9,5	9,5	262
Deaths under 1 year*	285	217	285	58	26	26	11	11	11	11	11	5	5	1	1	1	1	1
Deaths the under 1 month	224	202	177	41	20	28	6	13	5	2	7,6	3	1	1	1	1	1	1
Tuberculosis of respiratory system (001-008)	6	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Syphilis and its sequelae (009-019)	1	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Typhoid fever (010-016)	1	0.2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Typhus and other rickettsial diseases (100-109)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria (110-117)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
All other diseases, classified as ineffective	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
All other diseases, classified as effective	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Neonatal tetanus (005-007)	2	0.5	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute poliomyelitis (080)	2	0.5	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Smallpox (084)	1	0.2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles (085)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria and other rickettsial diseases (100-109)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
All other diseases, classified as ineffective	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
All other diseases, classified as effective	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Neonatal tetanus (005-007)	16	3.9	15	1	2	5.7	1	1	1	1	1	3.1	1	1	1	1	3.1	1
Neonatal tetanus (080)	16	3.9	15	1	2	5.7	1	1	1	1	1	3.1	1	1	1	1	3.1	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	562	132.9	492	49	1	79	223.8	67	11	1	45	160.2	43	1	1	1	1	1
Breast and unspecified neck neoplasms (110-129)	61	1.5	3	5	—	—	2	5.7	1	1	10	31.2	9	1	1	1	1	1
Diabetes mellitus (250-253)	43	10.5	38	5	—	—	1	14.2	4	1	10	31.2	9	1	1	1	1	1
Vascular lesions affecting central nervous system	419	102.8	395	23	1	65	184.1	55	9	1	49	152.6	45	2	2	2	2	2
Neurofibromatosis (340)	42	1.5	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rheumatic fever (400-402)	24	5.9	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cardiac rheumatic and degenerative heart disease (404-416)	24	5.9	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arteriosclerotic and degenerative heart disease (400-427)	776	190.3	748	26	2	144	407.9	126	16	2	90	280.4	81	4	5	5	5	5
Other diseases of heart (300-424), except hypertension with heart disease (400-443)	93	22.8	69	24	1	14	39.7	10	8	4	—	36.3	11	—	—	—	—	—
Hypertension with heart disease (400-443)	30	7.7	19	11	7	17.8	3	4	—	—	—	—	—	—	—	—	—	—
Chronic bronchitis (450-452)	87	23.5	76	8	—	13	36.8	11	2	—	—	—	—	—	—	—	—	—
Pneumonia (460-462)	84	2.0	84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bronchitis (460-492)	17	4.2	14	3	—	3	8.5	3	—	—	—	—	—	—	—	—	—	—
Ulcer of stomach and duodenum (540-541)	2	0.5	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis (550-553)	29	7.1	25	4	—	2	5.7	2	—	—	—	—	—	—	—	—	—	—
Intestinal obstruction and hernia (560-570)	53	13.0	49	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Birth injuries, postpartum asphyxia and asphyxia (570-575)	10	3.5	6	3	1	3	8.5	3	—	—	—	—	—	—	—	—	—	—
Infectious and parasitic diseases (570-600)	151	57.2	140	10	3	15	54.7	3	2	—	—	—	—	—	—	—	—	—
Infectious and parasitic diseases (600-604)	150	57.0	140	10	3	15	54.7	3	2	—	—	—	—	—	—	—	—	—
Infectious and parasitic diseases (600-604), except diarrhea of the newborn (563)	80	56	74	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Infectious and parasitic diseases (600-604), except diarrhea of the newborn (563), except diarrhea of the newborn (563)	80	56	74	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Complications of pregnancy, childbirth, and the puerperium (600-669)***	7	6.3	4	3	—	—	28.6	2	—	—	—	—	—	—	—	—	—	—
Born congenital malformations (750-759)	53	13.0	49	4	—	5	16.2	4	1	—	—	—	—	—	—	—	—	—
Motor vehicle accident (810-819)	107	26.2	92	14	3	10	26.3	9	4	—	—	—	—	—	—	—	—	—
All other accidents (880-890, 890-899)	128	31.4	116	19	3	13	36.8	9	4	—	—	—	—	—	—	—	—	—
Infectious and parasitic diseases (890-899), except self-inflicted injury (895-896)	41	10.1	37	4	—	5	14.2	5	—	—	—	—	—	—	—	—	—	—
Homicide and operations of war (896-899)	22	5.4	10	12	—	3	8.5	1	2	—	2	6.2	2	—	—	2	6.2	2

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

Estimated Population, July 1, 1959	OTTAWA				DANVILLE				PINE			
	Total	26,700	Wh.	Blacks	Total	11,300	Wh.	Blacks	Total	38,500	Wh.	Blacks
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Live births*	496	18,2	478	-	8	201	17,8	165	6	30	1,088	26,2
Physician in hospital	479	471	-	-	8	197	161	6	30	987	26,2	
Physician not in hospital	-	-	-	-	4	4	4	-	-	940	35	
Midwife, either, or unknown	7	7	-	-	-	-	-	-	-	10	10	
Stillbirths*	6	12,3	6	-	-	-	4	19,9	4	-	10	10
Physician in hospital	6	6	-	-	-	-	3	-	-	11	11	
Midwife, either, or unknown	-	-	-	-	1	1	-	-	-	-	-	
Total deaths, all causes*	364	13,6	353	-	11	165	4,4	16	13	37	22,48	10
Deaths under 1 year*	15	26,2	14	-	1	39,8	29,5	1	12	32	22,48	10
Tuberculosis, non-tuberculous, other forms	12	26,7	11	-	4	19,9	3	1	2	16	13,9	12
Tuberculosis, other forms	7	26,2	7	-	-	-	-	-	-	1	2,6	1
Syphilis and its sequelae (000-009)	2	7,5	2	-	1	8,8	1	-	-	1	2,6	1
Malaria fever (M00)	-	-	-	-	-	-	-	-	-	-	-	-
Dyentery, all forms (042-046)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat	1	3,7	1	-	1	-	-	-	-	-	-	-
Bilharzia (051)	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (052)	-	-	-	-	-	-	-	-	-	-	-	-
Influenza, influenza-like (057)	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis (053)	1	3,7	1	-	-	-	-	-	-	-	-	-
Hepatitis, acute (053-054)	1	3,7	1	-	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	-	-	-	-	-	-
Measles and other rickettsial diseases (100-109)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (050-059, 061, 062, 064, 069, 070, 072-075, 079-074, 081-083, 086-096, 120-130)	4	15,0	4	-	-	-	-	-	-	2	5,2	2
Malaria, non-malaria, including 16,296 mm of intestinal nematodes, 1,600 mm of intestinal helminths, and 1,600 mm of intestinal malarias (060-079)	5	18,7	5	-	-	-	-	-	-	2	5,2	2
Diabetes mellitus (080)	5	18,7	5	-	-	-	-	-	-	-	-	-
Amoebiasis (090-093)	-	-	-	-	-	-	-	-	-	-	-	-
Acne, rosacea, acne-like (094-095)	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (130-134)	40	149,8	39	-	1	21	185,4	21	-	60	155,8	59
Neurofibromatosis (135)	-	-	-	-	-	-	-	-	-	1	2,6	1
Chronic fever (090-092)	-	-	-	-	-	-	-	-	-	1	2,6	1
Chronic disease, organic, due to heart disease (093-096)	3	11,2	3	-	-	-	-	-	-	2	5,2	2
Arteriovenous fistula and congenital disease of heart disease (097-099)	3	11,2	3	-	-	-	-	-	-	2	5,2	2
Other diseases of heart (440-444)	107	400,7	103	4	36	318,6	35	1	115	298,7	112	2
Hypertension with heart disease (440-445)	16	58,7	5	-	2	10	35,4	5	-	8	20,8	6
Hypertension without mention of heart (444-447)	16	59,9	14	-	2	10	38,5	10	-	6	15,8	6
Intussusception (480-481)	3	11,2	3	-	2	17	7	2	-	1	2,6	1
Intramural (480-482)	13	46,7	13	-	3	26,5	2	1	-	9	23,4	9
Intramural, perirectal (483-484)	3	11,2	3	-	2	17,7	2	1	-	2	5,2	2
Appendicitis (550-551)	3	11,2	3	-	2	17,7	2	1	-	2	5,2	2
Intestinal obstruction and hernia (560-561, 570)	3	11,2	3	-	-	-	-	-	-	5	13,0	5
Gastritis, duodenitis, enteritis and colitis, except diarrhoea of the newborn (543, 571, 572)	18	30,0	18	-	-	-	-	-	-	-	-	-
Diarrhoea and enteritis of the newborn (543)	18	30,0	18	-	-	-	-	-	-	-	-	-
Inflammation of liver (881)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Inflammation of liver and biliary ducts, and hepatitis (060-061)	1	3,7	1	-	-	1	8,8	1	-	4	10,4	4
Inflammation of liver and biliary ducts, and hepatitis (062-063)	1	3,7	1	-	-	1	8,8	1	-	4	10,4	4
Hepatitis (064-065)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (066-067)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (068-069)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (070-071)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (072-073)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (074-075)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (076-077)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (078-079)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (080-081)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (082-083)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (084-085)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (086-087)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (088-089)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (090-091)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (092-093)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (094-095)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (096-097)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (098-099)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (100-101)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (102-103)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (104-105)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (106-107)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (108-109)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (110-111)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (112-113)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (114-115)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (116-117)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (118-119)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (120-121)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (122-123)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (124-125)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (126-127)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (128-129)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (130-131)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (132-133)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (134-135)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (136-137)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (138-139)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (140-141)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (142-143)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (144-145)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (146-147)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (148-149)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (150-151)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (152-153)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (154-155)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (156-157)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (158-159)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (160-161)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (162-163)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (164-165)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (166-167)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (168-169)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (170-171)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (172-173)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (174-175)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (176-177)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (178-179)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (180-181)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (182-183)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (184-185)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (186-187)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (188-189)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (190-191)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (192-193)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (194-195)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (196-197)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (198-199)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (200-201)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (202-203)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, acute (204-205)	1	3,7	1	-	-	2	17,7	2	-	4	10,4	4
Hepatitis, chronic (206-207)	1	3,7	1	-</td								

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

Estimated population, July 1, 1939	PITTSBURGH				PHILADELPHIA				PORTLAND			
	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
33,100	33,100	4,960	4,960	22,300	22,300	4,800	4,800	42,200	42,200	5,000	5,000	57
Live birth ^a , all	597	18-0	521	57	19	572	21-0	510	31	31	839	19-9
Physician in hospital	552	401	42	19	557	503	29	25	834	4	74	70
Midwife, other or unknown	33	11	25	7	33	16	2	4	1	1	1	57
Stillbirth ^b	11	18-4	9	5-2	11	16	2	4	10	11-9	6	2
Physician in hospital	9	8	1	3	9	3	1	1	10	8	2	2
Physician not in hospital	2	1	1	3	2	1	1	1	1	1	1	1
Midwives, other or unknown, all causes	195	11-9	365	41	9	310	11-4	286	13	11	458	10-9
Total deaths, all causes	15	12-1	13	1	1	11	19-2	9	2	23	27-4	17
Births under 1 year	1	1	1	1	1	1	1	1	1	17	3	2
Tuberculosis of respiratory system (001-008)	2	6-0	1	2	2	7-7	2	1	1	3	7-1	3
Syphilis and its sequelae (010-019)	1	3-0	1	1	1	3-7	1	1	1	1	2-4	1
Typhoid fever (000)	-	-	-	-	-	-	-	-	-	-	-	-
Dentistry, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (050-051)	-	-	-	-	-	-	-	-	-	-	-	-
Hemoptysis (052)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (055)	-	-	-	-	-	-	-	-	-	-	-	-
Meningoencephalitis, all forms (057)	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, other forms (061-068)	100	45-0	100	100	100	45-0	100	100	100	100	100	100
Measles (069)	1	1	1	1	1	1	1	1	1	1	1	1
Measles and other rickettsial diseases (100-103)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (000-039), 001, 042, 044, 049, 052, 055-056, 058-074, 081-083, 085-086, 100-105, 107-109	-	-	-	-	-	-	-	-	-	-	-	-
Non-specific meningitis, encephalitis, and meningoencephalitis (140)	-	-	-	-	-	-	-	-	-	-	-	-
Neonatal meningitis, encephalitis, and meningoencephalitis (140-142)	-	-	-	-	-	-	-	-	-	-	-	-
Benign and unspecified neoplasms (310-339)	52	15-1	49	3	40	17-8	45	1	2	64	15-1	62
Aneurism (290-293)	1	3-0	2	1	1	3-7	1	1	1	2-4	1	1
Vascular lesions affecting central nervous system (330-339)	1	3-0	1	1	1	2	7-3	1	1	10	23-7	10
Neoplasms, specific and related (440)	64	83-4	56	8	67	24-4	65	2	68	16-1	67	1
Arteriosclerosis, peripheral (440-446)	1	3-0	1	1	1	3-7	1	1	1	3	7-1	3
Arteriosclerotic and degenerative heart disease (440-466)	7	21-1	5	2	7	14-7	3	1	1	1	1	1
Other diseases of heart (430-434)	113	34-4	102	10	1	75	27-6	73	1	1	147	34-3
Hypertension with heart disease (440-443)	9	15-1	8	1	1	10	36-6	7	1	2	9	21-3
Hypertension without mention of heart (440-447)	4	12-1	4	4	2	7-3	2	1	1	4	9-4	3
Arteriosclerosis (480-483)	12	36-2	9	2	1	7	25-6	16	1	8	19-0	8
Arteriosclerosis and degeneration of heart (500-502)	5	15-1	5	1	1	1	3-7	1	1	3	7-1	3
Arteriosclerosis, peripheral (500-520)	1	1	1	1	1	1	1	1	1	1	1	1
Appendicitis (550-552)	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560-561, 570)	3	9-1	2	1	4	16-7	4	-	5	11-8	5	-
Gastritis, duodenitis, enteritis and colitis, except diarrhoea of the newborn (563, 571, 572)	6	18-1	5	1	4	16-7	4	-	-	-	-	-
Birth injuries, postpartum asphyxia and asphyctosis (760-762)	1	3-0	1	1	3	11-0	2	1	1	4	9-5	3
Infections of the newborn (763-768)	2	6-0	2	1	2	7-3	2	1	1	2	4-7	2
Other diseases peculiar to early infancy and immaturity, unqualified (769-776)	7	21-1	7	2	7	2-3	2	1	9	21-3	6	1
Severity without mention of physician's name, 11-1, defined and unknown causes (780-793)	14	42-2	11	3	31	25-6	26	1	1	47	11-4	44
Other congenital anomalies (794-801)	13	39-2	12	1	1	11-0	13	12	1	12	20-4	17
All other accidents (800-804, 810-816)	60	64	19	1	16	58-6	13	2	1	18	42-7	18
Suicide and self-inflicted injury (865-870, 870-879)	2	6-0	2	1	2	7-3	1	1	1	2	2-4	1
Homicide and operations of war (894, 895)	2	6-0	1	1	1	3-7	1	1	3	7-1	3	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE
BY COUNTY AND NUMBER BY COUNTY AND PLACE OF BIRTH, 1920

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

Estimated population, July 1, 1959	SEMINOLE			SEQUOIAH			STEPHENSON			
	Total	Race	Total	Race	Total	Race	Total	Race		
No.	No.	No.	No.	No.	No.	No.	No.	No.		
30,200	Wht.	Neg.	17,700	Wht.	Neg.	Ind.	37,000	Wht.	Neg.	Ind.
1	1	1	1	1	1	1	1	1	1	1
Live birth*	556	18.4	418	72	66	384	21.7	311	26	47
Physician in hospital	529	***	417	56	65	369	***	304	20	47
Midwife, other, or unknown	16	1.1	1	1	1	9	1.1	2	1	2
Schilbirs*	10	18.0	6	2	2	7	18.2	5	1.1	8
Physician in hospital	10	***	6	2	2	1	1	1	1	1
Midwife, other, or unknown	—	—	—	—	—	—	—	—	—	—
Total deaths, all causes	307	***	249	31	27	167	9.4	147	11	9
Births under year	17	18.0	9	5	3	7	18.2	6	3	18.2
Deaths under year	15	27.0	9	5	3	1	2.6	1	1	12.8
Tuberculosis of respiratory system	5	1.6	3	1	1	3	1.1	1	1	1.1
Tuberculosis, other forms (001-008)	5	1.6	3	1	1	3	1.1	1	1	1.1
Syphilis and its sequelae (009-019)	2	6.6	2	—	—	—	—	—	—	—
Typhoid fever (004)	—	—	—	—	—	—	—	—	—	—
Dysentery, all forms (005-006)	1	3.3	1	—	—	—	—	—	—	—
Scarlet fever and streptococcal sore throat	—	—	—	—	—	—	—	—	—	—
Diphtheria (055)	—	—	—	—	—	—	—	—	—	—
Hepatitis (056)	—	—	—	—	—	—	—	—	—	—
Whooping cough (065)	—	—	—	—	—	—	—	—	—	—
Innungenital infections (057)	—	—	—	—	—	—	—	—	—	—
Neonatal septicemia (060)	—	—	—	—	—	—	—	—	—	—
Neonatal tetanus (061)	—	—	—	—	—	—	—	—	—	—
Measles (080)	—	—	—	—	—	—	—	—	—	—
Typhus and other rickettsial diseases (100-108)	—	—	—	—	—	—	—	—	—	—
Malaria (110-117)	—	—	—	—	—	—	—	—	—	—
All other diseases classified as infective and parasitic (030-039, 041-042, 046-049, 050-052, 054-056, 059-074, 081-083, 086-095, 120-130)	1	3.3	—	—	—	—	4	10.8	4	—
Maligant neoplasms, including neoplasms of epithelial and hematopoietic tissues	50	165.6	44	2	4	27	152.5	22	3	42
Breast and uterine and cervical neoplasms (210-230)	50	165.6	44	2	4	27	152.5	22	3	42
Amnias (290-293)	1	1.2	1	—	—	—	2.1	1.3	1	—
Vascular lesions affecting central nervous system (330-333)	1	3.5	1	—	—	—	3	8.1	1	—
Nonmeningeal meningitis (340)	—	—	—	—	—	—	—	—	—	—
Absent heart (400-402)	—	—	—	—	—	—	—	—	—	—
Arteriovenous ectatic and degenerative heart disease (404-416)	1	3.3	1	—	—	—	1	5.6	1	—
Other congenital heart disease (407-422)	67	221.9	62	3	2	49	276.8	45	2	106
Hypertension without mention of heart (408-443)	13	26.5	7	1	5	28.2	8	13	1	14
Hypertension without mention of heart (444-447)	13	45.0	12	1	9	50.8	7	1	1	17.9
Influenza (480-483)	1	3.3	1	—	—	—	3	8.1	2	—
Pneumonia (490-493)	6	19.9	5	1	7	39.5	7	5	13.5	5
Uterus, stomach and duodenum (540-541)	1	3.3	1	—	—	—	1	2.7	1	—
Appendicitis (550-553)	—	—	—	—	—	—	1	2.7	1	—
Other intestinal obstruction and hernia (560-562)	18	18.0	1	—	—	—	27	32.4	1	—
Gastritis, hiatal hernia, and ulcers except diarrhea of the newborn (563-571, 572)	5	16.6	3	1	1	2	11.3	1	1	8.1
Other diseases of liver (581)	1	3.3	2	1	3	16.9	1	5	13.5	5
Nephritis and nephrosis (590-596)	3	9.9	3	—	—	—	3	16.9	2	—
Complications of prostate (610)	—	—	—	—	—	—	1	2.7	1	—
The puerperium (680-689)*	18	18.0	1	—	—	—	27	32.4	1	—
All other diseases (Residual)	27	89.4	21	3	4	22.6	4	12.2	12	32.4
Motor vehicle accidents (810-835)	21	69.5	16	3	9	50.8	9	1	2	38.2
All other accidents (880-882, 880-882, 880-882)	—	—	2	2	2	11.3	1	1	11.3	1
Surfing and self-inflicted injury (894)	3	9.9	3	—	—	—	11	29.7	10	1
Homicide (895)	6	6.6	1	—	—	—	1	5.6	1	—
All operations of war (904-905)	2	6.6	1	—	—	—	1	5.6	1	—
Homicide and operations of war (906-907)	—	—	2	5.4	1	—	1	5.4	1	—
E898-E899)	—	—	1	—	—	—	1	5.4	1	—

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Estimated population, July 1, 1959	TEXAS			TILMAN			TULSA			
	Total	Race	Total	Race	Total	Race	Total	Race		
No.	No.	No.	No.	No.	No.	No.	No.	No.		
13,300	Wht.	Neg.	15,300	Wht.	Neg.	Ind.	335,000	Wht.	Neg.	Ind.
1	1	1	1	1	1	1	1	1	1	1
Live birth*	342	25.0	346	—	2	324	21.2	242	78	4
Physician in hospital	341	***	339	—	1	13	***	8	5	4
Midwife, other, or unknown	15	***	15	—	2	15	***	5	14	14
Schilbirs*	3	8.8	3	—	1	8	24.7	5	3	1
Physician in hospital	3	—	3	—	1	1	—	1	1	1
Midwife, other, or unknown	—	—	—	—	1	1	—	1	1	1
Total deaths, all causes	113	8.4	115	—	1	171	11.2	151	20	1
Deaths under year*	6	12.4	8	—	1	12.4	2.5	2.5	2.5	1
Deaths under 1 month*	6	12.4	10	—	1	12.4	1.1	1.1	1.1	1
Tuberculosis of respiratory system (001-008)	5	1.6	5	—	1	1.6	—	—	—	—
Tuberculosis, other forms (010-019)	3	21.9	3	—	1	19.6	3	—	8	2.4
Syphilis and its sequelae (020-029)	—	—	—	—	—	—	—	—	—	—
Typhoid fever (000)	—	—	—	—	—	—	—	—	—	—
Scarlet fever and streptococcal sore throat	—	—	—	—	—	—	—	—	—	—
Diphtheria (055)	—	—	—	—	—	—	—	—	—	—
Hepatitis (056)	—	—	—	—	—	—	—	—	—	—
Meningoencephalitis (057)	—	—	—	—	—	—	—	—	—	—
Acute poliomyelitis (080)	—	—	—	—	—	—	—	—	—	—
Measles (085)	—	—	—	—	—	—	—	—	—	—
Malaria (110-117)	—	—	—	—	—	—	—	—	—	—
All other diseases classified as infective and parasitic (009-034, 039-041, 042-044, 046-049, 050-052, 054-056, 059-074, 081-083, 086-095, 120-130)	3	21.9	3	—	1	19.6	3	—	8	2.4
Neurotic reactions, including manic and hypomanic	—	—	—	—	—	—	—	—	—	—
Chronic rheumatic heart disease (404-416)	16	116.8	16	—	1	111.4	13	4	431	128.7
Arteriovenous ectatic and degenerative heart disease (420-422)	2	14.6	2	—	1	14.6	1	—	2	399
Other diseases of heart (420-434)	25	82.5	25	—	1	40	26.4	36	—	691
Hypertension without mention of heart (444-447)	4	29.2	4	—	1	29	18.8	4	—	640
Influenza (480-483)	3	21.9	3	—	1	18.5	2	2	51	18.8
Pneumonia (490-493)	—	—	—	—	1	6.4	1	—	16	4.8
Bronchitis (490-493)	—	—	—	—	1	6.4	1	—	16	4.8
Branchitis (500-502)	3	21.9	3	—	1	13.1	2	—	2	30
Ulcer of stomach and duodenum (560-561)	2	14.6	2	—	1	6.5	1	—	2	1.5
Appendicitis (550-553)	—	—	—	—	1	6.5	1	—	3	0.9
Intestinal obstruction and hernia (560-562)	—	—	—	—	1	6.5	1	—	18	1.7
Hypertension without mention of heart (444-447)	—	—	—	—	1	6.5	1	—	2	2.1
Inflammation of the rectum (561-562)	—	—	—	—	1	6.5	1	—	18	1.7
Cirrhosis of liver (581)	3	13.2	3	—	1	7	18.9	6	—	23
Nephritis and nephrosis (590-596)	3	9.9	3	—	1	6.5	5	—	2	4
Complications of prostate (610)	—	—	—	—	1	6.5	1	—	2	1.5
The puerperium (680-689)*	21	36.4	8	1	10	56.5	7	12	32.7	13.7
All other diseases (Residual)	27	89.4	21	3	4	22.6	4	12	32.7	46
Motor vehicle accidents (810-835)	21	69.5	16	3	9	50.8	9	8	21.6	103
All other accidents (880-882, 880-882, 880-882)	—	—	2	2	2	11.3	1	1	12	103
Surfing and self-inflicted injury (894)	3	9.9	3	—	1	6.5	1	—	12	10.1
Homicide (895)	6	6.6	1	—	1	5.6	1	—	12	10.1
All operations of war (904-905)	2	6.6	1	—	1	5.6	1	—	12	10.1
Homicide and operations of war (906-907)	—	—	2	5.4	1	—	1	—	12	10.1
E898-E899)	—	—	1	—	1	5.4	1	—	12	10.1
E890-E899)	—	—	2	5.4	1	—	1	—	12	10.1
Homicide and operations of war (906-907)	—	—	1	—	1	5.4	1	—	12	10.1
Homicide and operations of war (906-907)	—	—	2	5.4	1	—	1	—	12	10.1

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TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1939

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

Estimated population, July 1, 1959	WAGNER				WASHINGTON				WASHINGTON			
	Total		Race		Total		Race		Total		Race	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS*	231	19.0	40	21	937	24.4	866	42	9	371	36.5	3
Physician in hospital	216	18.0	39	20	929	24.4	881	40	8	365	33.9	3
Physician other or unknown	20	1.7	1	1	9	---	5	2	1	5	---	3
Stillbirths	1	1.0	1	1	1	---	1	1	1	1	1	1
Physician in hospital	3	1.0	1	2	8	8.5	8	4	1	2.7	1	1
Midwife, other or unknown	1	1.0	1	1	8	8.5	8	4	1	2.7	1	1
Total deaths, all causes ^b	148	11.2	38	2	291	7.6	265	19	7	126	7.1	124
Deaths under 1 year ^b	10	35.8	7	3	111	11.7	9	2	7	18.9	6	1
Deaths under 1 month	25	4.9	4	2	7	7.5	6	1	6	16.2	5	1
Tuberculosis, other forms (D01-D13)	2	15.2	2	2	7	2.6	1	1	1	1	1	1
Typhoid fever (A09-A11)	1	1.0	1	1	1	---	1	1	1	1	1	1
Diphtheria (B05)	1	1.0	1	1	1	---	1	1	1	1	1	1
Hooping cough (B06)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (C07)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (B08)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (B04)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (B05)	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis and other rickettsial diseases (100-109)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever and streptococcal sore throat (B06-B07)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (B05)	-	-	-	-	-	-	-	-	-	-	-	-
Hooping cough (B06)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (C07)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (B08)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (B04)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (B05)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (B09-B14)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases of the nervous system (B00-B09)	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (B30-B39)	-	-	-	-	-	-	-	-	-	-	-	-
Noninfectious cerebral diseases (B40-B49)	20	151.5	11	9	23	59.9	21	1	1	11	62.1	11
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (C40-C59)	-	-	-	-	-	-	-	-	-	-	-	-
Benign and unspecified neoplasms (D10-D39)	22	166.7	21	1	43112.0	39	2	2	16	90.4	16	16
Diabetes mellitus (B60)	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes (B00-B29)	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (B00-B99)	-	-	-	-	-	-	-	-	-	-	-	-
Noninfectious cerebral diseases (B40-B49)	-	-	-	-	-	-	-	-	-	-	-	-
Cancer, pleural and peritoneal (C40-C49)	-	-	-	-	-	-	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (D40-D42)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of heart (D30-D39)	38	287.9	31	5	2	94.0	86	7	1	52	293.8	51
Hypertension with heart disease (D00-D43)	7	53.0	7	2	20	20.8	7	1	1	5	5.6	1
Hypertension without mention of heart (D44-D47)	7	53.0	5	2	20	20.8	7	3	1	5	5.6	1
Influenza (B00-B43)	5	37.9	4	1	8	20.8	6	2	3	16.9	3	3
Pneumonia (B00-B02)	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis (B00-B02)	-	-	-	-	-	-	-	-	-	-	-	-
Acute bronchitis (B00-B02)	1	7.6	1	1	2	5.2	2	1	3	16.9	3	3
Chronic bronchitis (B00-B02)	-	-	-	-	-	-	-	-	-	-	-	-
Emphysema (B00-B02)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and puerperium (P00-P59)	-	-	-	-	-	-	-	-	-	-	-	-
Central, marmosets, monkeys and apes (B00-B09)	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis (B00-B09)	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhea, except diarrhea of the newborn (B03)	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (B81)	1	7.6	1	1	1	2.6	1	1	1	5.6	1	1
Nephritis and nephrosis (B90-B94)	3	22.7	2	1	2	15.6	6	1	1	5.6	1	1
Hyperplasia of prostate (B00)	7	7.6	1	1	2	5.2	2	1	1	4	22.6	3
Complications of pregnancy, childbirth and puerperium (P00-P59)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases (Residual)	8	66.6	3	5	8	20.8	8	2	2	11.3	2	1
Motor vehicle accidents (B10-B15)	14	106.1	7	7	26	67.7	24	2	4	22.6	3	1
All other accidents (B800-B802, B840-B842)	5	37.9	3	2	2	5.2	1	1	1	5.6	1	1
Accidents of motor vehicles (B70-B72)	4	30.3	2	2	2	5.2	1	1	1	5.6	1	1
Suicide and self-inflicted injury (E90-E95)	1	7.6	1	1	1	5.2	1	1	1	5.6	1	1
Homicide and operations of war (E96-E99)	1	2.6	1	1	1	5.2	1	1	1	5.6	1	1

TABLE VI. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, BY RACE,
OKLAHOMA CITY AND TULSA, 1939

Estimated population, July 1, 1939	OKLAHOMA CITY						TULSA					
	Total			Race			Total			Race		
	No.	Rate	No.	No.	Ind.	No.	No.	Rate	No.	No.	Ind.	
Live births*	8,751	26.2	6,795	1,490	186	5,881	23.0	5,056	720	105	5,112	103
Physician in hospital	8,399	23.1	6,713	1,390	166	5,705	21.9	5,016	670	96	5,016	102
Midwife, other, or unknown	21	—	19	2	—	47	—	38	—	—	41	—
Stillbirths*	104	12.5	77	24	3	68	11.6	52	16	2	51	11
Physician in hospital	103	—	76	24	3	63	—	51	—	1	51	—
Midwife, other, or unknown	1	—	1	—	—	—	—	—	—	—	—	—
Total deaths, all causes*	2,819	8.9	2,505	293	21	2,097	8.2	1,852	34	11	1,809	34
Births under 1 year	223	—	201	—	—	188	—	172	22.4	21	172	21
Deaths under 1 year	177	21.2	155	30	6	107	18.2	17	2	2	108	17
Tuberculosis of respiratory organs (001-008)	2,112	7.4	1,912	2,112	—	1,542	6.9	1,424	4.4	1	1,424	4.4
Tuberculosis, all forms (001-019)	1	0.3	1	0.3	—	8	3.1	7	1	—	7	1
Syphilis and its sequelae (002-029)	5	1.6	4	1	—	—	—	—	—	—	—	—
Typhoid fever (003-004)	1	0.3	1	0.3	—	—	—	—	—	—	—	—
Dysentery, all forms (005-008)	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet fever and streptococcal sore throat (050, 051)	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (052)	—	—	—	—	—	—	—	—	—	—	—	—
Whooping cough (056)	—	—	—	—	—	—	—	—	—	—	—	—
Acute poliomyelitis (080)	2	0.6	2	1	—	1	0.4	1	—	—	—	—
Scabies (089)	1	0.3	1	—	—	—	—	—	—	—	—	—
Malaria (083)	—	—	—	—	—	—	—	—	—	—	—	—
Typhus and other rickettsial diseases (100-108)	—	—	—	—	—	—	—	—	—	—	—	—
Malaria (110-117)	—	—	—	—	—	—	—	—	—	—	—	—
All other diseases classified as infective and parasitic (010-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	15	4.7	14	1	—	7	2.7	7	—	—	—	—
Noninfluenza neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-149)	452	142.0	411	40	1	356	139.2	330	25	1	356	139.2
Diabetes mellitus (250-260)	37	11.6	32	5	—	21	8.2	18	5	—	21	8.2
Anemias (290-293)	2	0.6	2	2	—	1	0.6	2	2	—	1	0.6
Vascular lesions affecting central nervous system (320-324)	359	112.8	300	18	1	255	99.7	227	1	—	255	99.7
Rheumatic heart disease (410-416)	19	6.0	19	—	—	16	6.3	13	2	1	16	6.3
After long-term and degenerative heart disease (420-422)	659	207.1	637	20	2	567	221.7	521	43	3	567	221.7
Other diseases of heart (430-439)	79	18.2	64	15	12	44	17.2	37	7	—	44	17.2
Hypertension with heart disease (440-443)	26	8.2	24	8	—	10	3.9	2	—	—	10	3.9
Hypertension without mention of heart (440-447)	2	0.6	1	1	—	3	1.2	3	—	—	3	1.2
Pneumonia (480-483)	70	22.0	64	5	—	55	21.5	50	5	—	55	21.5
Bronchitis (500-502)	4	1.3	4	4	—	3	1.2	3	—	—	3	1.2
Uterus of stomach and duodenum (540-541)	15	4.7	12	3	—	16	6.3	15	1	—	16	6.3
Appendicitis (550-552)	—	—	—	—	—	—	—	—	—	—	—	—
Inflammation of rectum and hernia (560-562)	26	8.2	22	4	—	12	4.7	11	1	—	12	4.7
Gastritis, duodenitis, ulcers of stomach and colon, except ulceration of the rectum (563-571, 572)	7	2.2	3	1	—	7	2.7	6	1	—	7	2.7
Infection of the colon (563-568)	13	4.1	12	2	—	19	7.4	16	3	—	19	7.4
Other diseases peculiar to ear, nose, and throat (570-576)	29	9.1	22	7	—	18	7.0	15	3	—	18	7.0
Nephritis and nephrosis (590-594)	5	1.6	5	—	—	5	2.0	5	—	—	5	2.0
Complications of pregnancy, childbirth and the puerperium (600-609+)	5	6.0	4	1	—	2	3.4	1	1	—	2	3.4
Congenital malformations (730-757)	41	12.9	37	4	—	26	10.2	22	1	3	26	10.2
Birth injuries (760-767)	72	22.9	60	11	2	43	16.8	35	8	—	43	16.8
Infections of the brain (768-770)	73	22.9	60	11	2	5	2.0	2	3	—	5	2.0
Other diseases peculiar to heart, infancy, and immaturity unqualified (780-786)	29	9.1	22	7	—	18	7.0	15	3	—	18	7.0
Senility without mention of psychosis (811-813)	73	22.9	49	20	4	44	17.2	38	6	—	44	17.2
Defined and undefined causes (780-793)	283	88.9	225	55	3	89	34.8	79	8	2	89	34.8
All other diseases (residual)	203	63.8	184	16	3	211	82.5	183	28	—	211	82.5
Motor-vehicle accidents (810-819)	72	22.6	62	10	1	50	19.5	42	8	—	50	19.5
All other accidents (880-882, 880-886)	100	31.4	92	7	1	83	32.4	68	15	—	83	32.4
Suicide and self-inflicted injury (X65-X84)	—	—	—	—	—	—	—	—	—	—	—	—
Homicide and operations of war (E90-E94)	36	11.3	32	4	—	30	11.7	30	9	—	30	11.7
E890-E899	19	6.0	8	11	—	18	7.0	9	9	—	18	7.0

