

PUBLIC HEALTH STATISTICS  
STATE OF  
OKLAHOMA  
1947



PART II  
BIRTHS AND DEATHS

Oklahoma State Department of Health  
Oklahoma City, Oklahoma

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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

## PUBLIC HEALTH STATISTICS OF OKLAHOMA

## BIRTHS AND DEATHS

1947

For the fifth consecutive year the Public Health Statistics Division of the Oklahoma Department of Health presents this annual issue of Public Health Statistics of Oklahoma - Part II, Births and Deaths. Contained herein are natality and mortality data for 1947 and for the twenty-year period covering the years 1928 to 1947, inclusive. Information for the years 1928 - 1936 was compiled from the Bureau of Census publications of live birth, stillbirth and infant mortality statistics and from mortality statistics by place of occurrence. For 1937 - 1947 figures allocated by place of residence were obtained from the tabulations of information taken from live birth, stillbirth, and death certificates filed in the state office of vital statistics.

Various tables, graphs, charts and analyses of information concerning population, births, deaths, principal causes of death, deaths due to acute communicable diseases, accidental, maternal, infant and neonatal deaths are given in narrative form. Following this section are detailed tables showing numbers of resident live births and stillbirths by attendance and by place of birth and neonatal, infant, and total deaths by race for the State, Oklahoma City, Tulsa and each of the seventy-seven counties comprising the State. Identical statistics for the State only are given for the years 1928-1947. Similar tables furnish the number of deaths by important causes by race, age, and sex, as well as the eight leading causes of death by race for the State.

Tables using recorded figures show live births, stillbirths, deaths and infant and neonatal deaths by race for each county. In addition, deaths from accidental causes by type of accident are presented by county of occurrence of the accident.

Causes of death were classified on the basis of the 1939 revision of the International List of Causes of Death. When two or more causes were reported on the same certificate, joint cause preference was given in accordance with the Manual of Joint Causes of Death, fourth edition, and the Vital Statistics Instruction Manual - Part II, Assignment of Causes of Death. Whenever there was doubt as to the proper classification of the cause of death because of insufficient or indefinite information on the death certificate, query procedures necessitating the cooperation of the attending physician were used to clarify the cause of death. Supplemental information on the factors involved in fatal motor vehicle accidents was obtained from the Department of Public Safety.

Population

Since the last census year, 1940, the populations for the State and counties have been estimated by the State Department of Health. Previous to 1945, the estimates were based on the arithmetical interpolation of the

1930 census population figures and the Ration Book IV registration figures. In estimating 1945 and 1946 populations, two factors were considered: changes between the 1930 and 1940 censuses and Ration Book IV registration. In general, the changes between the two census periods were projected for obtaining estimates for 1945 and 1946. In computing estimates for 1947, the procedure was revised somewhat. The net increase in the population of each county, as determined by the excess in resident live births over resident deaths since 1940, was added to the 1940 census enumeration figure for each county. This represented the population which would be expected in the county without migration. As an estimate of the direction and extent of migration, the percentage change in the number of children aged 6-21 as enumerated in the annual school census was used, modified, however, by the amount of natural change in this age group brought on by varying levels of birth rates in previous years.

The estimated population for July 1, 1947 was 2,312,586. The racial percentages for White, Negro, and Indian populations, respectively, were 90.3 per cent, 7.0 per cent and 2.7 per cent. The number of people who would be classified in "other races", such as Chinese, Japanese, etc., was so small that it was included in the White population group. Rates in this bulletin are based on these population estimates.

#### Residence Allocation

Residence allocation involves the assignment of deaths to the county or state of residence of the deceased and of births to the county or state of residence of the mother. In general, residence data have been used in the tables and charts because they are considered to give a more accurate picture of natality and mortality experience in an area than recorded figures. For example, it is an established fact that people in rural districts go to the larger populated areas for treatment in the best equipped hospitals. The deaths of these people are allocated to the place of residence rather than to the place of death since in most cases they were in the place of death only during the period of treatment. This allocation procedure also applies to non-residents of the State who were excluded entirely from the resident tabulations; likewise, by the use of the interstate exchange of transcripts through the National Office of Vital Statistics, residents of Oklahoma who died in other states were included.

Table 1

#### Residence Allocation, Oklahoma, 1947

	Non-Resident Certificates Excluded	Resident Transcripts Included
Births	1,322	1,213
Deaths	451	758

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Recorded figures represent the number of births or deaths according to the location where the event occurred. Table B gives recorded births, stillbirths, deaths and infant and neonatal deaths by county.

Table 1 shows the number of transcripts of non-residents which were excluded and the transcripts of Oklahoma residents who died or were born in other states which were included in the tabulations, and Table 2 gives the states in which the majority of these resident births and deaths occurred. The states which show the largest number of births and deaths of Oklahoma residents were the bordering states of Arkansas, Kansas and Missouri. Another bordering state, Texas, was not included because it did not participate in the interstate exchange in 1947. This delinquency reveals itself from the fact that of the nine lowest resident county death rates, five were in counties which border Texas, and only one of the remaining four bordered another state. Beginning in 1948, however, Texas will join this facility and the transcripts for residents of Oklahoma will be received from that state and will be included in resident tabulations. The number of exchanged transcripts of both births and deaths has increased in 1947 over that of 1946. In 1947, there were 3,744 transcripts exchanged between Oklahoma and other states, whereas in 1946, 3,057 were exchanged.

Table 2

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

1947

State	Births	Deaths
Total	1,213	758
Arizona	32	28
Arkansas	394	151
California	23	53
Colorado	34	27
Florida	31	4
Illinois	3	20
Kansas	350	216
Missouri	97	98
New Mexico	69	40
North Carolina	18	1
Tennessee	15	8
Virginia	22	4
Washington	35	9
All others	90	99

1947

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Table VII, the final table, gives deaths due to accidental causes by place in which the accident occurred and by type of accident for each county. Accidents are of vital interest to the community in which they occur for use in programs of safety and accident prevention; in this case, therefore, data by place of accident are deemed more valuable than resident data.

#### Live Births

In 1947 there were 52,691 resident live births, giving a rate of 22.8 per 1,000 estimated population. This number exceeded the previous all time high of 1946 by 2,648 births, but due to the larger population, the rate remained slightly lower than the rates reported in 1943 and 1944.

Table 3 shows the live births, number and rate, by race, for Oklahoma, 1947 and 1946. The birth rate for the White and Negro races showed an increase over 1946 but the Indian rate had decreased.

Table 3

Live Births, Number and Rate\*, by Race  
Oklahoma, 1946 - 1947

Year	Total		White		Negro		Indian	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1946	50,043	21.0	45,090	21.0	3,342	19.1	1,611	28.6
1947	52,691	22.8	47,440	22.7	3,529	21.9	1,722	27.3

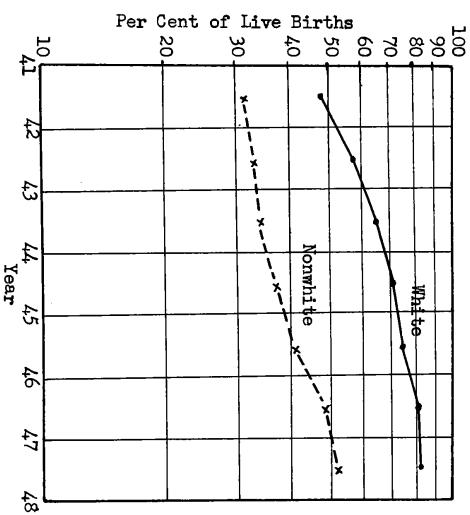
\* Rates represent number per 1,000 estimated population

Cleveland and Payne Counties had the highest birth rates in the State, 30.7 and 30.5, respectively. These high rates were probably due to the location of the University of Oklahoma in Cleveland County and Oklahoma Agricultural and Mechanical College in Payne County. Married veterans attending these schools established residence in the corresponding counties but were not included in the population estimates.

Each year the per cent of births delivered in licensed hospitals has continued to increase for both the white and the nonwhite groups as shown in Chart 1.

Chart 1

Live Births Delivered by Physicians  
in Hospitals, by Race  
Oklahoma, 1941-1947



Of the 52,691 live births delivered in 1947, 73.6 per cent were delivered by physicians in hospitals, 18.7 per cent by physicians in homes, and 2.7 per cent by midwives and others, Table 4. The per cent of Negro deliveries in licensed hospitals continued to be less than one-half the per cent of White and Indian deliveries in hospitals but showed an increase of 12.3 per cent over the Negro hospital deliveries in 1946.

The per cents of live births attended by midwife and other decreased in 1947 for all races, with the largest decrease from 9.7 per cent in 1946 to 7.8 per cent in 1947 in the Indian group. In turn, the per cents of births delivered by physicians increased in all races, with the largest increase from 90.3 per cent in 1946 to 92.2 per cent in 1947 in the Indian group.

Table 4

Live Birth Attendance by Race, Oklahoma, 1947

Attendance at Birth	Total	White	Negro	Indian
	Per Cent.	Per Cent.	Per Cent.	Per Cent.
Total	52,691	100.0	47,440	100.1
Physician in hospital	41,424	78.6	38,650	81.5
Physician in home	9,832	18.7	8,425	17.8
Midwife and other	1,435	2.7	365	0.8
	1,722	100.0	1,373	79.7
	1,192	33.8	215	12.5
	936	26.5	134	7.8

The per cent of urban births delivered in hospitals has increased for all races, especially the Negro, and the per cent of rural births in hospitals has decreased, Table 5. Residents of cities with more than 2,500 population were considered urban residents; all others were allocated to rural areas. The percentage of Negro rural births continued to be far below that for the other races. There was relatively no change in the per cent of urban or rural births delivered by physicians except in the Negro group. Here, the urban births were 10.6 per cent above the per cent of urban births delivered by physicians in 1946, and the rural births 13.4 per cent below the corresponding 1946 figure.

Table 5

Percentages of Live Births Delivered in Hospitals and by Physicians, by Urban or Rural Residence of Mother, by Race, Oklahoma, 1947

Attendance at Birth	Total	White		Negro		Indian	
		Urban	Rural	Urban	Rural	Urban	Rural
Per cent delivered in hospitals	90.5	66.8	93.6	69.5	56.5	13.7	92.6
Per cent delivered by physicians	98.4	96.2	99.8	98.7	83.2	58.5	98.2

Stillbirths

The definition of "stillbirth" as used by Oklahoma is adopted from that used by the National Office of Vital Statistics: "A fetus showing no evidence of life after complete birth (no action of heart, breathing, or movement of voluntary muscle), if the 20th week of gestation has been reached...."

Table 6

Stillbirth Attendance by Race, Oklahoma, 1947

Attendance at Birth	Total	White	Negro	Indian
	Per Cent.	Per Cent.	Per Cent.	Per Cent.
Total	1,043	100.1	882	100.1
Physician in hospital	756	72.5	669	75.9
Physician in home	254	24.4	199	22.6
Midwife and other	33	3.2	14	1.6
	113	100.0	48	100.0
	17	15.0	2	4.2

Of the 1,043 stillbirths, the cause of stillbirth on 640 or 61.4 per cent was classified as ill-defined or unspecified, leaving 403 with causes specified, Table 7. This was an improvement on physicians' diagnoses over 1946 when 65.0 per cent of the stillbirth certificates had ill-defined or unspecified causes of stillbirth listed. "Premature birth" as a cause of stillbirth was classified as ill-defined since the term "stillbirth" implies death before complete birth and the effects of prematurity could not cause death until after delivery. Outstanding above all other causes of stillbirth was "acute disease in or accident to the mother", with 79 cases or 19.6 per cent of the stillbirths with cause specified. The next three most important causes of stillbirth were: 58 congenital malformations, 39 vicious insertions of placenta, 9.7 per cent; and 38 abnormal presentations of fetus, 9.4 per cent. The least important cause was "obstetrical operations" which caused only 2 stillbirths or 0.5 per cent of the total stillbirths with cause specified.

In the past, Oklahoma law required that for all stillbirths both a birth and a death certificate be filed. Statistical information was tabulated from these matched certificates. The 1947 session of Legislature, however, passed a bill permitting the adoption of a standard stillbirth certificate, effective January 1, 1948.

The total number of stillbirths in 1947 was 1,043, giving a ratio of 19.8 stillbirths per 1,000 live births. Of this number, 756 were delivered by physicians in licensed hospitals, 254 by physicians in homes and 33 by midwives and others. The ratio of stillbirths was highest in the Negro group, 32.0 stillbirths per 1,000 live births. The next highest was the Indian group with a ratio of 27.9. The lowest ratio, 18.6, was in the White group.

As was true for the live births, the per cent of Negro hospital stillbirth deliveries, 46.9, was very much lower than that for any other racial group, Table 6.

Table 7

Resident Stillbirths by Cause of Stillbirth, Oklahoma, 1947

Cause of Stillbirth	Number	Per Cent
Total with cause specified	403	100.0
Chronic diseases in mother	17	4.2
Acute disease in or accident to mother	79	19.6
Overexertion of mother	-	-
External violence to mother	3	0.7
Other conditions in mother	14	3.5
Congenital malformations of child	58	14.4
Vicious insertion of placenta	39	9.7
Other anomalies of placenta and cord	21	5.2
Abnormal presentation of fetus	38	9.4
Malformations of pelvis	14	1.0
Prolapse of cord	19	4.7
Prolonged labor or uterine inertia	18	4.5
Obstetrical operations	2	0.5
Other specified conditions	91	22.6
Ill defined and unspecified	640	...

Deaths

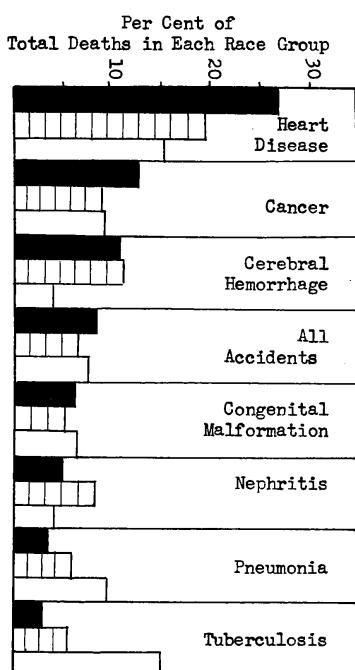
Total Deaths - Oklahoma had a total of 19,101 resident deaths in 1947, showing an increase over 1946 of 681 deaths. Although the 1947 rate of 8.3 deaths per 1,000 estimated population was higher than the 1945 or 1946 rates of 7.9 and 7.7, respectively, it was lower than the average rate for the past 20 years, 8.7. The crude death rates in Oklahoma showed no definite decrease in the 20-year period, 1928-1947. The Negro and Indian rates of 10.5 and 10.0 were higher than the White rate of 8.0.

Principal Causes of Death - Of the total deaths in 1947, 76.4 per cent were attributed to the eight leading causes of death listed in Table IV. They caused 77.2 per cent of the White deaths, 70.9 per cent of the Negro deaths and 70.9 per cent of the Indian deaths.

Of these eight causes - heart diseases, cancer, cerebral hemorrhage, all accidents, congenital malformations and diseases peculiar to the first year of life, nephritis, pneumonia, and tuberculosis - heart disease was the leading cause in all racial groups. Cancer held second place in the White group, cerebral hemorrhage in the Negro group, and tuberculosis in the Indian group, Chart 2.

Chart 2

The Eight Leading Causes of Death by Race  
Oklahoma, 1947



The order of leading cause of death did not change for the total or for the White group, but for the Negro group, cancer reached third place instead of nephritis as in 1946; heart disease was the leading cause for Indians, replacing tuberculosis which led in 1946.

Heart Diseases - Heart diseases have in recent years become recognized as one of the chief problems of the public health. In 1947 diseases of the heart took 4,960 lives. There has been a steady annual increase from 82.0 deaths per 100,000 population in 1928 to 214.5 deaths per 100,000 population in 1947. Although this increase is partly due to better diag-

nosis, it is believed, also, that the aging of the population, due to effective prevention of deaths from communicable diseases and other causes of death in younger age groups, has resulted in an increase in degenerative diseases, such as heart disease, cancer, nephritis, and rheumatism. Of the total deaths from heart disease, 94.9 per cent occurred to people over 45 years of age. Deaths from this disease were almost twice as common in men as in women.

The numerically greatest cause of deaths from heart disease was "diseases of the coronary arteries and angina pectoris", with a rate of 87.1 deaths per 100,000 population. Second to this was "diseases of the myocardium" with a rate of 77.1, Table 8.

Table 8

Heart Disease Deaths, Oklahoma, 1947

Type of Heart Disease	Deaths Number	Deaths Rate*	Population	Total Number	Male Rate	Female Rate
All heart diseases	4,960	214.5	2,312,586	1,169,829	1,222	106.9
Pericarditis (except acute rheumatic)	5	0.2		1,132	96.8	
Acute endocarditis (except rheumatic)	8	0.3			7.2	1.8
Chronic affections of the valves & endocardium	336	14.5			42.2	4.0
Diseases of the myocardium	1,784	77.1			4.5	4.2
Diseases of the coronary arteries and angina pectoris	2,014	87.1			6.7	5.2
Other diseases of the heart	813	35.2			1.0	0.9

\* Rates represent number per 100,000 estimated population.

Cancer - Cancer, the second leading cause of death, was responsible for 2,354 deaths in 1947, giving a rate of 101.8. Of these deaths, 2,145 were White, 152 were Negro and 57 were Indian, with rates of 102.7, 94.2 and 90.3, respectively.

Another disease with an ever-increasing death rate, cancer has climbed from a rate of 50.1 in 1928 to 101.8 in 1947. Like heart disease, this increase was attributed to the increase in the proportion of elderly people in the population.

More women than men died from cancer in 1947. The death rate for the male population was 96.8 whereas for the female population the rate was 106.9, Table 9. The leading primary site for both sexes was the "digestive organs and peritoneum", with rates of 44.1 and 40.2, respectively; and the second most-frequent primary site was the "genital organs", male and female, with rates of 16.5 and 30.5, respectively.

Table 9  
Cancer Deaths by Primary Site, Number and Rate\*,  
by Sex, Oklahoma, 1947

Primary Site		Male		
Population	Number	Rate	Number	Rate
Total cancer deaths	2,354	101.8	1,132	96.8
Buccal cavity and pharynx	104	4.5	84	7.2
Digestive organs & peritoneum	975	42.2	516	44.1
Respiratory system	155	6.7	118	10.1
Uterus	301	13.0	-	-
Other female genital organs	48	2.1	-	-
Breast	197	8.5	1	0.1
Male genital organs	193	8.3	193	16.5
Urinary organs (male and female)	96	4.2	57	4.9
Skin	76	3.3	46	3.9
Brain and other parts of central nervous system	34	1.5	25	2.1
Other and unspecified organs	175	7.6	92	7.9

\* Rates represent number per 100,000 estimated population.

Tuberculosis - In 1947, 707 people died from tuberculosis, giving a rate of 30.6 deaths per 100,000 population. Of these deaths, 518 were White, 94 were Negro and 95 were Indian with rates of 24.8, 58.3 and 150.5, respectively.

Contrary to the trend of the two leading causes, heart disease and cancer, tuberculosis has continually decreased since 1928 with minor fluctuations. The net decrease in this 20-year period was 23.2 deaths per 100,000 population, the lowest rate, 20.5, being recorded in 1946. This improvement in death rates was due to several conditions. In recent years, intensive case-finding programs for discovering cases early in the disease have been in effect. Improved economic conditions, better housing, more abundant fresh food supply and hospital and sanitoria care all are believed to be factors abetting the descending tuberculosis death rate. In addition, more widespread knowledge of the history and characteristics of this disease has played its part in preventing spread.

One of the greatest problems of tuberculosis control has been in mental institutions. The proportionate mortality or ratio of tuberculosis deaths to total deaths for this group was three times that of the general population. In 1947, there were 11.1 tuberculosis deaths per 100 total



deaths in mental institutions and a proportionate mortality of 3.7 for the general population, Table 10. The corresponding per cents in 1946 were 11.3 and 4.2, respectively, showing for 1947 a very slight decrease. Another group in which tuberculosis continued to be a major problem was the Indian, in which tuberculosis was the leading cause of death in 1946 and the second cause in 1947. Of the total Indian deaths, 15.1 per cent were attributed to tuberculosis. This group, however, also showed improvement over 1946 when 16.9 per cent of all Indian deaths were due to tuberculosis.

Table 10

Proportionate Mortality from Tuberculosis in State Mental Institutions and in the General Population, by Age, Oklahoma, 1947

Age in Years	Mental Institutions		General Population			
	Total Deaths	Tuberculosis Deaths	Total Deaths	Tuberculosis Deaths		
All ages	566	63	11.1	19,101	707	3.7
Under 15	22	-	2,341	22	0.9	
15 - 24	23	7	30.4	576	10.6	
25 - 34	31	15	48.4	651	17.1	
35 - 44	56	17	30.4	1,087	12.3	
45 - 54	51	7	1,735	134	7.4	
55 - 64	94	10	10.6	2,681	99	
65 - 74	142	7	4.9	4,233	102	
75 & over	147	-	5,777	48	0.8	
Unknown	-	-	10	-	-	

Tuberculosis deaths were most frequent in the 25-34 year age group. Of every 100 deaths in this group, 17.1 were due to this disease; in mental institutions, almost one-half of all deaths of people 25-34 years of age were caused by tuberculosis. The second and third age groups which showed the highest percentages of deaths due to tuberculosis were the 35-44 year age group and the 15-24 year age group, with proportionate mortality rates of 12.3 and 10.6, respectively. Of the total tuberculosis deaths, 43.6 per cent occurred between the ages of 15 and 44 years.

Nephritis and Diabetes

- Nephritis, the sixth leading cause of death in the total population group and the fourth leading cause in the Negro group, caused 1,011 deaths in 1947 with a rate of 43.7 deaths per 100,000 estimated population. Of the deaths caused by this degenerative disease of late life, 71.4 or 70.6 per cent occurred in the "65 years and over" age group. Diabetes caused 353 deaths in 1947, of which 236 or 66.9 per cent were 65 years of age and over.

Acute Communicable Diseases - Typhoid and paratyphoid fevers caused nine deaths in 1947 of which seven were White and two were Indian. Deaths from diphtheria were lower in 1947 than in any previous year. There were 15 deaths, all white, giving a rate of 0.6 deaths per 100,000 population as compared with 1946's previous low record of 26 deaths and rate of 1.1. Death from malaria, also, continued its decline. In 1947, only one person died from the disease.

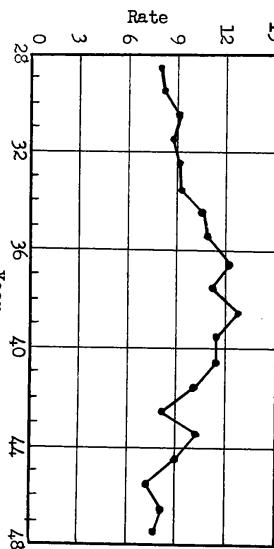
Whooping cough caused 41 deaths in 1947 with a death rate of 1.8 per 100,000 estimated population. Of the 41 deaths, 33 were under one year of age, 7 were one year of age, and 1 was two years of age. There were 18 deaths from dysentery in 1947, twice as many as in 1946 when there were only 9 deaths. Of these 18 deaths, 7 were under 2 years of age, 8 were over 65 years of age and only 3 were between the ages of 2 and 65 years. For the first time in Oklahoma, there were no deaths from measles or scarlet fever. Sore throat was responsible for 12 deaths.

The year 1947 had the lowest death rate on record for acute poliomyelitis. This disease was responsible for only 2 deaths, giving a death rate of 0.1 per 100,000 estimated population. The previous low record was in 1944 with 6 deaths and a rate of 0.3. Only 10 deaths were reported for meningococcus meningitis.

In 1947, syphilis caused a total of 176 deaths or 7.6 deaths per 100,000 estimated population. Between the years 1928 and 1938, the trend of the syphilis death rate increased, but since 1938 there has been a general downward trend, Chart 3.

Chart 3

Syphilis Death Rates Per 100,000 Population  
Oklahoma, 1928-1947



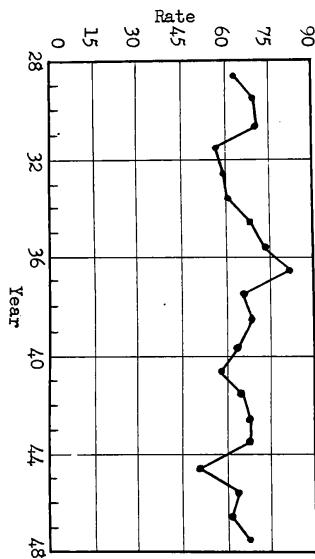
Rocky Mountain spotted fever was responsible for 2 deaths, tetanus, 8 and tularemia, 1.

The deaths from other infectious parasitic diseases were erysipelas, 1; septicemia (non-puerperal), 14; chickenpox, 3; endemic typhus fever, 1; mycoses, 4; Hodgkin's disease, 34; and other diseases, 5.

Accidental Deaths - Fatal accidents, the fourth leading cause of death, took the lives of 1,591 Oklahoma residents during 1947. Chart 4 shows the death rate for the past 20 years. Of the total 1,557 accidents occurring in Oklahoma, motor vehicle accidents caused 517 deaths or 32.8 per cent; home accidents, 510, 32.3 per cent; public accidents, excluding motor vehicle, 408, 25.9 per cent; occupational accidents, 118, 7.5 per cent; and unknown types of accidents, 24, 1.5 per cent. Table VII, presents these accidents by type of accident and county of occurrence.

Chart 4

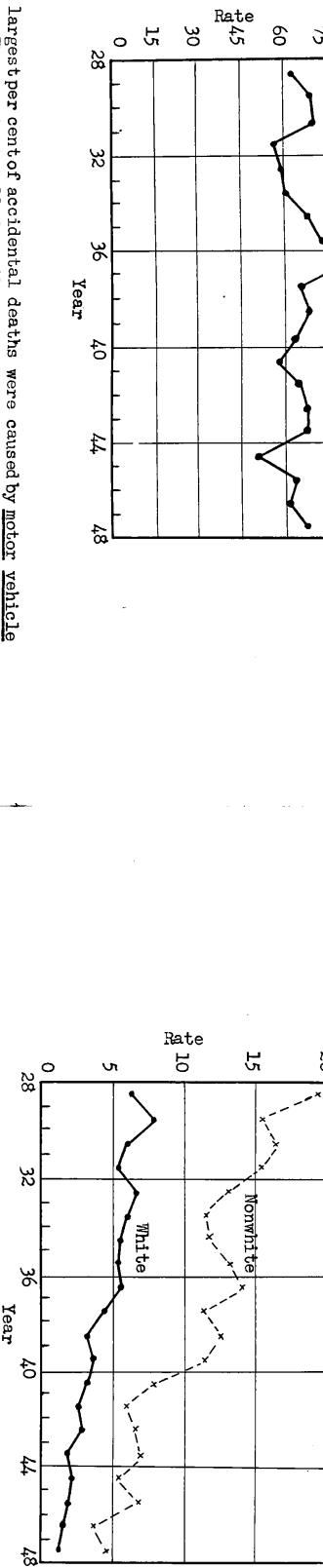
Accidental Death Rates Per 100,000 Population  
Oklahoma, 1928-1947



Maternal Deaths - The number of deaths due to diseases of pregnancy, childbirth, and the puerperium have diminished year by year for both the white and the nonwhite race groups as illustrated in Chart 5.

Chart 5

Maternal Death Rates Per 1,000 Live Births,  
by Race, Oklahoma, 1928-1947



In 1947, 88 women died of maternal causes as compared with 84 in 1946. The rate, 1.7 deaths per 1,000 live births, was the same for both years due to the larger number of births in 1947. The Negro maternal deaths totaled 17, with a rate of 4.8, and the Indian, 7, or 4.1 per 1,000 live births.

Of the 510 deaths from home accidents, 234, 45.9 per cent, were due to falls; 103, 20.2 per cent, to conflagration, burns and explosions; and 173, 33.9 per cent, to other home accidents. The largest number of fatal home accidents, 262, occurred to persons 65 years of age and over, 205 of these being caused by falls.

Or the 11 deaths from abortion, 7 were reported with mention of infection and 4 without mention of infection; there were 2 deaths from ectopic gestation, both with mention of infection; 6 women died before delivery, 1 from hemorrhage or pregnancy and 5 from toxemias of pregnancy; 69 or 78.4 per cent of all maternal deaths occurred during childbirth and the puerperium, and of these 69 deaths, 28 were caused by infection, 15 by toxemias, 12 by hemorrhage and 14 by other causes. See Table II.

Public (not motor vehicle) accidents were responsible for 408 deaths or 25.9 per cent of the total accidents. The greatest number for any one cause of these fatalities, 117, was due to catastrophe. This large increase of catastrophic deaths in 1947 over the 3 which were reported in 1946 was due to a series of tornadoes, the most damaging of which struck in Woodward county taking 90 lives. There were 71 drowning deaths, 53 air transportation deaths, 36 fatal falls, 30 railroad accidents, 25 firearm deaths, 15 conflagration, burn and explosion deaths, and 61 other public accidental deaths.

Of the 118 occupational deaths reported, 56 were in the 25-44 year age group. The largest number of deaths, 38, occurred in agriculture, in extractive industries, other than mining and quarrying, 16 in construction, 12 in mining and quarrying, 7 in transportation and public utilities and 21 in other occupational accidents.

**Table 11**  
Maternal Deaths by Cause, by Race, Number and Rate\*,  
Oklahoma, 1947

Cause of Death	Cause of Death				
	Total No.	White Rate	Negro No.	Indian Rate	
All maternal causes (140-150) . . .	88	1.7	64	1.3	17
Abortion with mention of infection (140) . . . . .	7	0.1	5	0.1	2
Abortion without mention of infection (141) . . . . .	4	0.1	3	0.1	1
Ectopic Gestation with mention of infection (142a) . . . . .	2	0.0	2	0.0	-
Ectopic Gestation without mention of infection (142b) . . . . .	-	-	-	-	-
Hemorrhage of pregnancy (143) . . . . .	1	0.0	1	0.0	-
Toxemias of pregnancy (144) . . . . .	5	0.1	2	0.0	3
Other septic conditions of pregnancy (145a) . . . . .	-	-	-	-	-
Hemorrhage of childbirth and the puerperium (146) . . . . .	12	0.2	9	0.2	1
Infection during childbirth and the puerperium (147) . . . . .	28	0.5	25	0.5	3
Puerperal toxemias (148) . . . . .	15	0.3	9	0.2	2
Other causes (149-150) . . . . .	14	0.3	8	0.2	5.
* Number per 1,000 live births					

ger than that in 1946, but because of the increased number of births, the rate per 1,000 live births, 32.6, was smaller. Of the total infant deaths, 1,415 or 29.8 per 1,000 live births, were White; 190 were Negro, with a rate of 53.8; and 111 were Indian, with a rate of 64.5.

As shown in Table 12, "premature birth" caused 611 deaths of infants, and "congenital malformations" was second with 250 deaths. In the Negro group, deaths from premature birth totaled 44, followed closely by 42 deaths from diseases of the respiratory system which took first place in the Indian group, with 30 deaths.

Neonatal Deaths - 1,190 infants died in 1947 who were under one month of age, giving a rate of 22.6 deaths per 1,000 live births; 1,014 were White, 128 Negro and 42 Indian, with rates of 21.4, 36.3 and 27.9, respectively. As shown in Table 13, 602 or 98.5 per cent of all deaths from premature birth occurred in this age group. The second most frequent cause of death was congenital malformations which took the lives of 167 infants not yet one month old.

**Table 12**

Cause of Death	Cause of Death				
	Total No.	White Rate	Negro No.	Indian Rate	
Total, all causes (1-200) . . . . .	1190	22.6	1014	21.4	128
Infectious and parasitic diseases (1-44) . . . . .	16	0.3	8	0.2	7
Diseases of the respiratory system (104-114) . . . . .	53	1.0	36	0.8	12
Diseases of the digestive system (115-129) . . . . .	21	0.4	14	0.3	7
Congenital malformations (157) . . . . .	167	3.2	153	3.2	8
Congenital debility (158) . . . . .	29	0.6	17	0.4	12
Premature birth (159) . . . . .	602	11.4	539	11.4	43
Injury at birth (160) . . . . .	118	2.2	103	2.2	10
Other diseases peculiar to first year of life (161) . . . . .	102	1.9	91	1.9	8
Accidents (169-195) . . . . .	19	0.4	14	0.3	5
All other defined causes	27	0.5	18	0.4	7
All defined and unknown (199, 200)	36	0.7	21	0.4	9
* Number per 1,000 live births.					

**Table 13**  
Deaths Under One Month by Cause, by Race, Number and Rate\*,  
Oklahoma, 1947

Cause of Death	Cause of Death				
	Total No.	White Rate	Negro No.	Indian Rate	
Total, all causes (1-200) . . . . .	1190	22.6	1014	21.4	128
Infectious and parasitic diseases (1-44) . . . . .	16	0.3	8	0.2	7
Diseases of the respiratory system (104-114) . . . . .	53	1.0	36	0.8	12
Diseases of the digestive system (115-129) . . . . .	21	0.4	14	0.3	7
Congenital malformations (157) . . . . .	167	3.2	153	3.2	8
Congenital debility (158) . . . . .	29	0.6	17	0.4	12
Premature birth (159) . . . . .	602	11.4	539	11.4	43
Injury at birth (160) . . . . .	118	2.2	103	2.2	10
Other diseases peculiar to first year of life (161) . . . . .	102	1.9	91	1.9	8
Accidents (169-195) . . . . .	19	0.4	14	0.3	5
All other defined causes	27	0.5	18	0.4	7
All defined and unknown (199, 200)	36	0.7	21	0.4	9
* Number per 1,000 live births.					

TABLE A. BIRTHS, DEATHS, AND DEATS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1928-1947

Estimated population, July 1.	1928	1929	1930	1931	1932
	2,333,250	2,369,130	2,394,550	2,385,589	2,382,629
Live Births*	42,996	39,738	36,8	43,269	41,039
Stillbirths†	1,325	30,8	1,293	1,077	1,066
Total deaths, all causes‡	20,953	9,0	21,398	18,802	19,205
Deaths under 1 year§	1,566	69,0	19,666	8,2	8,1
Deaths under 1 month¶	1,558	36,2	1,451	2,238	2,052
Syphilis, primary and early latent forms (1-2)	2,298	12,8	2,244	10,3	1,132
Urticaria, hives (1-2)	—	—	—	—	276
Varicella, chicken pox (1-2)	1,990	1,9	1,111	4,7	1,2
Scarlet fever (3)	44	1,9	2,1	42	1,8
Inhospitable cough (9)	67	2,9	144	6,2	5,2
Diphtheria (10)	324	13,9	265	11,2	100
Tetanus (12)	52	2,8	38	1,6	321
Tuberculosis, all forms (13-22)	1,256	53,8	1,295	54,7	34,5
Respiratory system (13)	1,158	49,9	1,192	48,9	48,2
Tumors (23)	—	—	—	—	1,170
Malaria (24)	225	7,5	45	1,2	1,1
Syphilis (25)	188	8,1	195	6,2	5,9
Influenza (26)	1,142	48,9	69,6	210	81,3
Smallpox (26)	14	0,6	16,5	109	46,5
Measles (25)	193	8,3	22	0,5	12
Acute poliomyelitis and acute	31	1,3	23	1,4	0,5
poliomyelitis, all forms (26)	—	—	—	—	1,053
Other diseases of nutrition, endo-	13	0,6	24	0,6	—
coties, glands, and excretaries	—	—	—	—	—
Other diseases of the heart (30-32, 34-36)	151	6,5	107	4,5	3,5
Cancer (45-55)	1,170	50,1	1,218	51,4	57,3
Other tumors (56-59)	13	0,6	9	0,4	0,3
Kidney, renal, and ureter (58)	46	2,0	1,1	48	2,3
Kidneys, malformations (61)	208	8,9	208	8,9	10,1
Kidneys, malformations (61)	298	10,2	295	11,8	240
Other diseases of the heart (30-32, 34-36)	—	—	—	—	1,205
Other diseases of the blood and	158	6,8	152	6,4	83
forming organs (70-72)	40	1,7	53	2,2	136
Chronic poisoning and intoxication	62	2,7	42	1,8	2,0
Central nervous system (73-79)	1,476	61,5	1,464	61,4	59,5
Other diseases of nervous system	435	18,6	472	19,9	38,4
Diabetes & mellitus over 2 yrs (119)	1,914	82,0	2,159	90,3	92,0
Diabetes of the heart (30-32)	67	6,7	242	10,2	17,9
Other diseases of the arterioles	157	1,8	27	1,1	4,2
System (100-103)	42	1,8	27	1,1	3,9
Pneumonia, all forms (107-109)	2,059	87,4	2,111	89,1	1,563
Other diseases of the respiratory	267	11,4	261	14,0	1,429
Diabetes & mellitus over 2 yrs (119)	472	20,2	372	15,7	45,5
Diabetes & mellitus over 2 yrs (120)	765	16,0	190	7,9	11,0
Appendicitis (121)	369	15,8	301	16,1	376
Hernia, intestinal obstruction (122)	205	8,8	165	16,8	223
Cirrhosis of the liver (124)	65	2,8	89	4,3	97
Other diseases of the digestive	695	29,4	657	26,5	570
System (111-117, 123, 125-129)	1,127	47,7	1,120	50,2	1,093
Other diseases of the digestive	—	—	—	—	1,053
Urinary system (133-139)	230	9,9	178	7,5	209
Plasmodium vivax, malaria, and the plasmodium (140-149)	307	7,1	307	8,2	292
Congenital malformations, diseases	127	3,0	312	3,2	268
of the heart (140-149)	1,220	56,6	1,229	51,9	1,190
Somily (163-164)	193	7,9	198	7,2	1,027
Motor vehicle accidents (170)	252	10,8	247	10,4	264
Other accidents (169, 171-179)	1,122	55,3	21,6	512	21,4
Other defined causes (59, 151-156,	396	48,1	128	47,6	48,7
106-108)	107	4,6	166	47,6	92
All defined and unknown (199-200)	722	30,9	616	3,5	72
Bates from specific causes represent number per 1,000 estimated population.					
* Rates represent number per 1,000 live births.					
Source: Bureau of the Census annual publications, by place of occurrence;					
1937 through 1947 - Vital Statistics of the United States, by place of residence.					

TABLE A. BIRTHS, DEATHS, AND DEATS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1928-1947 - Continued

Estimated population, July 1.	1933	1934	1935	1936	1937
	2,376,668	2,370,708	2,356,777	2,358,766	2,352,826
Live Births*	43,697	38,4	47,302	20,0	43,691
Stillbirths†	1,325	30,8	1,345	30,2	1,301
Total deaths, all causes‡	20,953	9,0	21,398	9,0	21,091
Deaths under 1 year§	1,566	69,0	2,285	27,5	41,815
Deaths under 1 month¶	1,558	36,2	1,381	27,5	17,7
Syphilis, primary and early latent forms (1-2)	2,298	12,8	2,244	10,3	10,7
Urticaria, hives (1-2)	—	—	—	—	41,223
Varicella, chicken pox (1-2)	1,990	1,9	1,111	4,7	2,1
Scarlet fever (3)	44	1,9	2,1	42	1,2
Inhospitable cough (9)	67	2,9	144	6,2	5,2
Diphtheria (10)	324	13,9	265	11,2	10,0
Tetanus (12)	52	2,8	38	1,6	3,2
Tuberculosis, all forms (13-22)	1,256	53,8	1,295	54,7	34,5
Respiratory system (13)	1,158	49,9	1,192	48,9	48,2
Tumors (23)	—	—	—	—	1,170
Malaria (24)	225	7,5	45	1,2	1,1
Syphilis (25)	188	8,1	195	6,2	5,9
Influenza (26)	1,142	48,9	69,6	210	81,3
Smallpox (26)	14	0,6	16,5	109	46,5
Measles (25)	193	8,3	22	0,5	12
Acute poliomyelitis and acute	31	1,3	23	1,4	0,5
poliomyelitis, all forms (26)	—	—	—	—	1,053
Other diseases of nutrition, endo-	13	0,6	24	0,6	—
coties, glands, and excretaries	—	—	—	—	—
Other diseases of the heart (30-32, 34-36)	151	6,5	107	4,5	3,5
Cancer (45-55)	1,170	50,1	1,218	51,4	57,3
Other tumors (56-59)	13	0,6	9	0,4	0,3
Kidney, renal, and ureter (58)	46	2,0	1,1	48	2,3
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Other diseases of nervous system	435	18,6	472	19,9	38,4
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Somily (163-164)	193	7,9	198	7,2	1,027
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Other defined causes (59, 151-156,	396	48,1	128	47,6	48,7
106-108)	107	4,6	166	47,6	92
All defined and unknown (199-200)	722	30,9	616	3,5	72
Bates from specific causes represent number per 1,000 estimated population.					
* Rates represent number per 1,000 live births.					
Source: Bureau of the Census annual publications, by place of occurrence;					
1937 through 1947 - Vital Statistics of the United States, by place of residence.					

TABLE A. BIRTHS, DEATHS, AND DEATS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1938-1947 - Continued

Estimated Population, July 1	1938	1939	1940	1941	1942
	2,316,865	2,310,905	2,315,925	2,234,317	2,152,479
Live Births*	44,190	48,848	48,258	45,313	45,277
Physician in hospital	13,803	18,8	42,760	19,1	21,0
Physician in home	28,756	38,7	14,760	20,999	24,812
Midwife, other, or unknown	1,631	27,5	28,265	25,216	22,677
Stillbirths	1,215	1,297	29,9	1,102	1,639
Physician in hospital	1,215	1,662	583	553	911
Physician in home	—	—	681	681	681
Midwife, other, or unknown	—	—	359	359	359
Total deaths, all causes	20,622	8,7	20,457	8,3	20,511
Deaths under 1 month	1,285	2,202	4,93	3,111	3,236
Deaths under 1 year	1,001	1,377	3,2	2,364	2,421
Deaths under 1 month	100	43	2,19	1,177	1,044
Deaths under 1 year	1,038	44,2	93	3,19	2,45
Tuberculosis, parathyroid fever	1,2	5	0,2	0,2	0,2
Hemolytic fever	15	0,6	12	0,5	0,4
Hemolytic anemia	19	0,3	16	0,7	0,4
Scarlet fever	109	5,1	2,7	2,3	2,3
Whooping cough	110	5,1	2,7	2,3	2,2
Pneumonia	1,215	4,2	6	3,2	2,6
Pneumonia, all forms	1,255	47,9	1,073	45,8	41,6
Hepatitis	1,255	4,2	6	3,2	2,6
Hepatitis, all forms	1,255	47,9	1,073	45,8	41,6
Respiratory system (13)	1,038	1,031	44,5	972	43,5
Nervous system (26)	27	1,2	9	0,5	0,4
Breast	28	3,6	4,8	3,2	3,8
Spina bifida	28	2,7	2,0	1,9	1,0
Influenza	33	10,5	5,2	3,0	2,7
Influenza	34	4,7	2,5	3	2,2
Hepatitis	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
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Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
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Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7	6	3,2	2,0
Hepatitis, acute	34	5,7	6	3,2	2,0
Hepatitis, chronic	34	5,7	6	3,2	2,0
Hepatitis, all forms	34	5,7			

TABLE B. RECORDED\* BIRTHS, STILLBIRTHS, DEATHS, INFANT AND NEONATAL DEATHS, NUMBER AND RATE, BY COUNTY, OKLAHOMA, 1947

COUNTY	BIRTHS		STILLBIRTHS		DEATHS		INFANT DEATHS		NEONATAL DEATHS	
	Number	Rate*	Number	Rate†	Number	Rate*	Number	Rate‡	Number	Rate‡
ENTIRE STATE	52,800	22.8	1,060	20.1	18,794	8.1	1,692	32.0	1,706	22.3
Marietta	198	9.8	2	12.7	122	7.6	4	25.3	4	25.3
Arlington	185	14.4	1	25.4	193	7.4	5	26.1	3	26.5
Atoka	203	9.9	9	11.1	71	7.1	12	35.0	9	35.5
Baxter	699	32.9	4	26.7	209	10.3	23	30.5	4	30.9
Benton	777	19.7	12	14.1	144	8.0	16	45.1	11	45.5
Bryan	777	21.6	13	17.6	250	7.3	26	35.3	18	34.4
Caddo	884	22.2	17	24.7	62	3.2	31	35.1	18	34.4
Canadian	524	19.2	8	17.4	217	7.5	18	21.7	12	21.7
Carter	859	20.9	26	31.4	350	8.1	22	26.5	16	26.9
Cherokee	710	35.0	18	25.4	20	1.5	20	21.1	15	21.1
Choctaw	534	21.3	8	15.6	157	7.3	17	21.2	14	21.2
Custer	685	16.7	1	11.7	17	3.1	1	11.7	1	11.7
Democrat	683	21.9	7	7.3	115	5.9	1	11.5	1	11.5
Garfield	687	9.4	1	11.5	54	5.9	1	11.5	1	11.5
Graham	652	20.7	34	28.5	344	6.4	47	36.8	5	36.8
Cotton	1,652	13.8	5	31.1	342	6.2	19	31.1	12	31.1
Oklahoma	411	20.5	8	19.5	399	7.9	20	29.9	13	29.9
Creek	770	18.0	24	31.2	297	11.5	21	23.0	14	23.0
Ouster	608	25.7	10	16.8	91	5.2	4	25.4	6	25.4
Delaware	119	7.4	2	16.8	91	5.7	5	23.2	3	23.2
Dewey	262	7.1	1	10.2	372	13.0	8	11.7	5	11.7
Fairfax	652	23.0	8	9.9	118	6.0	26	26.8	10	26.8
Guthrie	687	32.9	26	16.2	595	7.2	42	26.1	20	26.1
Garvin	528	10.9	9	11.5	210	7.2	27	29.7	19	29.7
Jefferson	753	25.9	15	19.9	328	8.3	29	33.1	22	33.1
Grady	875	22.3	18	20.6	69	5.9	2	20.0	1	20.0
Grant	10	0.9	6	2.4	395	7.7	6	24.4	4	24.4
Greer	246	19.9	4	25.4	95	5.2	4	25.4	4	25.4
Harrison	186	16.2	1	16.3	44	7.1	6	21.9	5	21.9
Harrington	198	6.2	1	16.3	26	1.1	1	16.3	1	16.3
Haskell	323	22.8	10	17.8	101	9.9	18	40.2	6	40.2
Huskies	562	22.8	10	17.8	595	7.2	21	26.3	12	26.3
Indian	528	25.1	9	17.9	151	7.2	22	26.9	15	26.9
Jefferson	326	12.7	5	15.3	71	5.3	2	15.3	1	15.3
Kent	154	22.7	4	26.0	65	5.4	2	27	1	27
Kingfisher	270	25.7	22	17.3	40	8.9	19	21.3	13	21.3
Klairmont	151	10.2	10	13.2	83	5.6	2	13.2	8	13.2
Kosciusko	165	17.9	8	21.0	169	26.9	6	26.9	12	26.9
Lake	175	22.6	3	25.5	315	6.8	8	25.5	11	25.5
Lawton	493	19.2	12	12.5	233	12.9	17	21.4	12	21.4
Linn	502	20.0	9	17.9	190	7.2	15	20.2	10	20.2
Lyon	124	16.1	3	24.2	47	5.3	7	-	5	-
McAllister	289	16.0	1	35.5	85	4.7	24	27	17	27
McCurtain	733	22.8	16	21.8	250	7.2	31	24.3	19	24.3
McIntosh	443	22.8	12	27.1	191	6.7	22	26.1	16	26.1
Major	142	12.0	3	35.5	55	4.7	4	25.2	2	25.2
Marietta	222	23.6	13	21.5	315	6.3	23	21.5	15	21.5
Maurita	175	22.6	11	20.9	233	7.2	17	23.4	12	23.4
McKinley	169	19.2	12	17.9	190	7.2	15	20.2	10	20.2
Mingo	502	20.0	9	17.9	150	7.2	15	20.8	8	20.8
Monroe	160	12.1	4	24.2	57	5.7	5	15.3	2	15.3
Nowata	174	16.1	3	35.5	47	5.3	7	-	5	-
Oklahoma	404	19.6	8	22.3	35	4.7	24	27	17	27
Omulie	181	26.0	25	19.4	275	8.6	21	27.9	16	27.9
Ottawa	1,121	21.9	25	21.9	396	9.0	36	20.2	24	20.2
Ozark	561	18.9	20	16.2	232	6.3	23	26.3	13	26.3
Ozark	226	18.5	11	20.7	175	6.3	20	21.5	13	21.5
Ozark	226	18.5	6	20.5	187	11.2	15	20.2	8	20.2
Ozark	167	24.7	45	27.7	33	3.0	33	20.8	12	20.8
Pottawatomie	1,120	21.1	42	22.5	75	5.7	3	36.8	1	36.8
Tulsa	1,170	13.2	4	22.3	96	7.1	2	21.2	1	21.2
Tulsa	1,170	19.6	8	21.8	216	7.6	21	27.9	16	27.9
Tulsa	1,170	19.6	25	24.1	362	7.6	25	27.9	21	27.9
Tulsa	1,170	13.0	3	36.5	46	4.0	2	22.0	16	22.0
Rogers	155	26.2	12	21.2	268	4.3	16	27.7	10	27.7
Rogers	155	20.2	12	21.2	290	3.0	10	27.7	8	27.7
Sanjour	352	18.4	28	21.6	175	8.4	18	23.3	11	23.3
Sanjour	352	18.4	6	22.0	123	8.4	34	23.3	20	23.3
Santana	314	21.5	30	8.7	42	31.3	12	11.9	11	11.9
Santana	314	21.5	18	17.8	378	8.7	19	18.8	12	18.8
Pittsburg	1,011	18.0	19	20.2	304	9.2	22	23.7	16	23.7
Ponca City	929	28.2	19	17.2	366	9.2	22	24.1	15	24.1
Pottawatomie	1,097	21.9	19	18.3	362	7.6	25	21.4	16	21.4
Tulsa	1,170	16.9	11	21.7	170	8.1	13	16.5	10	16.5
Tulsa	1,170	16.9	107	21.9	193	30.6	153	24.2	107	24.2
Tulsa	1,170	16.9	107	21.9	193	30.6	153	24.2	107	24.2
Tulsa	1,170	16.9	107	21.9	193	30.6	153	24.2	107	24.2
Washington	880	25.7	19	23.8	261	8.5	21	28.3	13	28.3
Washington	880	25.7	19	23.8	261	8.5	21	28.3	13	28.3
Washington	251	12.8	19	23.8	261	8.5	21	28.3	13	28.3
Woodward	394	28.5	8	22.0	295	10.9	22	27.5	17	27.5
Woodward	394	28.5	8	22.0	295	10.9	22	27.5	17	27.5

\* Rate per occurrence  
\*\* Rates represent number per 1,000 estimated population  
† Rates represent number per 1,000 live births

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TABLE I. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, BY RACE, OKLAHOMA, 1947

Estimated population, July 1, 1947	TOTAL		WHITE		BLACK		INDIAN	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live Births*	52,951	22.8	47,440	22.7	3,559	21.9	1,722	27.3
Physician in hospital	52,951	22.8	38,650	22.7	1,401	21.9	1,373	21.5
Physician in home	9,932	11.0	8,425	11.0	1,435	11.0	996	11.0
Midwife, other, or unknown	1,435	11.0	385	11.0	682	11.0	53	11.0
Stillbirths	1,435	11.0	1,435	11.0	1,435	11.0	1,435	11.0
Physician in hospital	1,435	11.0	1,435	11.0	1,435	11.0	1,435	11.0
Midwife, other, or unknown	1,435	11.0	1,435	11.0	1,435	11.0	1,435	11.0
Total deaths, all causes*	19,101	3.7	17,798	3.7	8,332	3.7	1,694	20.5
Deaths under 1 month†	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Hospital deaths	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Deaths under 1 month‡	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Hospital deaths	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Deaths under 1 month§	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Hospital deaths	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Deaths under 1 month	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Hospital deaths	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Deaths under 1 month	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Hospital deaths	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Deaths under 1 month	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Hospital deaths	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Deaths under 1 month	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Hospital deaths	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Deaths under 1 month	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Hospital deaths	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Deaths under 1 month	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Hospital deaths	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Deaths under 1 month	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Hospital deaths	1,716	32.6	1,643	32.6	1,704	32.6	128	36.3
Deaths under 1 month	1,71							

TABLE II. RESIDENT DEATHS BY IMPORTANT CAUSES BY RACE AND SEX, OKLAHOMA, 1947

Cause of Death	TOTAL		WHITE		NEGRO		INDIAN	
	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes . . . . .	11,214	7,887	9,984	6,794	895	798	334	295
Type of, paroxysmal fever (1-2) . . . . .	7	2	6	1	—	1	1	1
Unlabeled, fever (5) . . . . .	6	4	3	2	2	2	—	2
Bacillus cereus meningitis (6) . . . . .	—	—	—	—	—	—	—	—
Saint Louis encephalitis (9) . . . . .	16	25	12	20	2	2	4	—
Whipple's disease (10) . . . . .	19	26	9	6	—	—	—	—
Tetanus (12) . . . . .	5	3	3	2	2	2	—	1
Tuberculosis, all forms (13-22) . . . . .	423	286	334	184	42	52	45	50
Respiratory system (13) . . . . .	398	265	322	170	37	51	39	—
Tuberculosis (23) . . . . .	1	7	1	8	—	—	—	—
Diphtheria (24) . . . . .	—	—	—	—	—	—	—	—
Measles (25) . . . . .	134	42	105	25	27	2	5	—
Syphilis (26) . . . . .	97	105	81	82	27	2	8	—
Smallpox (27) . . . . .	—	—	—	—	—	—	—	—
Malaria (35) . . . . .	—	—	—	—	—	—	—	—
Auto poliomyelitis and acute poliomyelitis and acute poliomyelitis (36) . . . . .	2	2	2	—	—	—	—	—
Acute infectious encephalitis (37) . . . . .	1	1	1	—	—	—	—	—
Hepatitis, mountain spotted fever (38) . . . . .	1	1	1	—	—	—	—	—
Other infectious diseases (39) . . . . .	32	39	27	34	18	4	5	—
Cancer (45-55) . . . . .	1,322	1,222	1,053	1,092	61	91	18	39
Other tumors (56-67) . . . . .	355	324	322	45	3	9	—	—
Diabetes mellitus (61) . . . . .	149	204	134	180	10	14	5	10
Pellagra (69) . . . . .	4	21	17	10	3	—	1	—
Other diseases of the nervous system (69-76) . . . . .	26	40	22	35	3	5	1	—
Diabetes and arteriosclerosis (69-76) . . . . .	96	83	87	72	7	5	2	6
Diabetes of the blood and blood vessels (72-76) . . . . .	—	—	—	—	—	—	—	—
Chronic poisoning and intoxication (77-97) . . . . .	18	4	14	4	1	—	3	—
General hemorrhage, embolism, thrombosis, softening (83) . . . . .	1,125	893	1,019	785	88	100	18	8
Other diseases of nervous system and sense organs (83-89) . . . . .	336	118	123	108	11	7	2	3
Diarrhea & enteritis under 2 yrs. (120) . . . . .	3,224	1,766	3,167	1,569	190	138	57	39
Appendicitis (121) . . . . .	79	72	68	61	8	9	3	2
Appendicitis, chronic (121) . . . . .	79	74	69	31	8	2	1	—
Other diseases of the digestive system (121-129) . . . . .	48	43	43	33	3	2	3	—
Pneumonia, all forms (107-109) . . . . .	438	350	354	272	48	54	24	24
Other diseases of the respiratory system (106-114) . . . . .	1,125	1,127	122	112	6	7	2	3
Other diseases of nervous system and sense organs (90-120) . . . . .	335	223	24	15	2	1	—	—
Diarrhea & enteritis under 2 yrs. (120) . . . . .	334	223	24	15	2	1	—	—
Urinary system (123-133) . . . . .	159	48	145	38	6	3	—	—
Diabetes and arteriosclerosis (134-141) . . . . .	—	—	—	—	—	—	—	—
Appendicitis (142-147) . . . . .	79	74	69	31	8	2	1	—
Other diseases of the digestive system (148-156) . . . . .	220	155	192	129	22	18	6	8
Nephritis (150-152) . . . . .	600	411	505	341	82	58	13	12
Other diseases of the genito-urinary system (153-159) . . . . .	110	33	33	1	—	—	—	—
Homefolde (165-168) . . . . .	89	123	108	12	7	2	1	—
Motor vehicle accidents (169) . . . . .	48	24	24	12	7	1	—	—
Other accidents (169, 170-175) . . . . .	687	377	603	345	59	29	3	—
Other defined and unknown (199, 200) . . . . .	28	24	32	4	2	1	—	—
ILL defined and unknown (199, 200) . . . . .	254	133	205	78	31	19	17	16

TABLE III. RESIDENT DEATHS BY IMPORTANT CAUSES, BY AGE AT DEATH, OKLAHOMA, 1947

Cause of Death	Age at Death	AGE AT DEATH							BIRTH
		All Ages	Under 1	1 - 4	5 - 9	10 - 14	15 - 24	25 - 34	
Total deaths, all causes . . . . .	12,181	1,776	323	153	149	576	661	1,087	4,416 10,010 10
Type of, paroxysmal fever (1-2) . . . . .	19	—	—	—	—	—	—	—	—
Typhoid, paratyphoid fever (3-5) . . . . .	7	2	1	—	—	—	—	—	—
Unlabeled, fever (5) . . . . .	6	4	3	2	—	—	—	—	—
Bacillus cereus meningitis (6) . . . . .	6	—	—	—	—	—	—	—	—
Meningoencephalitis (6) . . . . .	—	10	—	—	—	—	—	—	—
Streptococcal meningitis (6) . . . . .	—	—	—	—	—	—	—	—	—
Scarlet fever (6) . . . . .	—	—	—	—	—	—	—	—	—
Meningoencephalitis (6) . . . . .	—	—	—	—	—	—	—	—	—
Meningoencephalitis (6) . . . . .	—	—	—	—	—	—	—	—	—
Scarlet fever (6) . . . . .	—	—	—	—	—	—	—	—	—
Measles (35) . . . . .	—	—	—	—	—	—	—	—	—
Auto poliomyelitis and acute poliomyelitis (36) . . . . .	—	—	—	—	—	—	—	—	—
Acute infectious encephalitis (37) . . . . .	—	—	—	—	—	—	—	—	—
Other infectious diseases (39) . . . . .	—	—	—	—	—	—	—	—	—
Hepatitis (38) . . . . .	—	—	—	—	—	—	—	—	—
Tuberculosis (45-55) . . . . .	—	—	—	—	—	—	—	—	—
Cancer (45-55) . . . . .	—	—	—	—	—	—	—	—	—
Other tumors (56-67) . . . . .	—	—	—	—	—	—	—	—	—
Diabetes mellitus (61) . . . . .	—	—	—	—	—	—	—	—	—
Pellagra (69) . . . . .	—	—	—	—	—	—	—	—	—
Other diseases of the nervous system (69-76) . . . . .	—	—	—	—	—	—	—	—	—
Diabetes and arteriosclerosis (69-76) . . . . .	—	—	—	—	—	—	—	—	—
Diabetes of the blood and blood vessels (72-76) . . . . .	—	—	—	—	—	—	—	—	—
Chronic poisoning and intoxication (77-97) . . . . .	—	—	—	—	—	—	—	—	—
General hemorrhage, embolism, thrombosis, softening (83) . . . . .	—	—	—	—	—	—	—	—	—
Other diseases of nervous system and sense organs (83-89) . . . . .	—	—	—	—	—	—	—	—	—
Diarrhea & enteritis under 2 yrs. (120) . . . . .	—	—	—	—	—	—	—	—	—
Appendicitis (121) . . . . .	—	—	—	—	—	—	—	—	—
Appendicitis, chronic (121) . . . . .	—	—	—	—	—	—	—	—	—
Other diseases of the digestive system (121-129) . . . . .	—	—	—	—	—	—	—	—	—
Pneumonia, all forms (107-109) . . . . .	—	—	—	—	—	—	—	—	—
Other diseases of the respiratory system (106-114) . . . . .	—	—	—	—	—	—	—	—	—
Other diseases of nervous system and sense organs (90-120) . . . . .	—	—	—	—	—	—	—	—	—
Diarrhea & enteritis under 2 yrs. (120) . . . . .	—	—	—	—	—	—	—	—	—
Urinary system (123-133) . . . . .	—	—	—	—	—	—	—	—	—
Diabetes and arteriosclerosis (134-141) . . . . .	—	—	—	—	—	—	—	—	—
Appendicitis (142-147) . . . . .	—	—	—	—	—	—	—	—	—
Other diseases of the digestive system (148-156) . . . . .	—	—	—	—	—	—	—	—	—
Nephritis (150-152) . . . . .	—	—	—	—	—	—	—	—	—
Other diseases of the genito-urinary system (153-159) . . . . .	—	—	—	—	—	—	—	—	—
Homefolde (165-168) . . . . .	—	—	—	—	—	—	—	—	—
Motor vehicle accidents (169) . . . . .	—	—	—	—	—	—	—	—	—
Other accidents (169, 170-175) . . . . .	—	—	—	—	—	—	—	—	—
Other defined and unknown (199, 200) . . . . .	—	—	—	—	—	—	—	—	—
ILL defined and unknown (199, 200) . . . . .	—	—	—	—	—	—	—	—	—

TABLE IV. LEADING CAUSES OF DEATH BY RACE, OKLAHOMA, 1947

Causes of Death	Total		ADULT		INFANT		ALASKA		TOTAL	
	Number of Deaths	Per Cent of Total	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<b>Total All Races</b>										
Heart disease	4960	26.0	363	22.5	254	-	107	25.4	254	-
Cancer	2354	12.3	260	17.9	248	19.7	254	24.8	301	19.3
Cerebral hemorrhage, embolism, thrombosis, softening	10.6	1.1	118	1.1	11	1.1	11	1.1	131	1.3
All accidents	8.3	0.8	1931	3.8	19	2.4	24	2.4	156	1.6
Congenital malformations and diseases peculiar to the first year of life	1.6	0.1	1166	2.3	1	1	1	1	116	1.1
Pneumonia	10.1	5.3	1011	2.0	1	1	1	1	101	1.0
Tuberculosis	4.7	0.9	708	1.4	6	1.3	5	1.3	312	3.1
<b>White</b>										
Heart disease	4576	27.0	321	21.5	214	19.7	97	25.4	248	-
Cancer	1804	12.8	200	17.9	180	19.7	11	24.8	248	-
Cerebral hemorrhage, embolism, thrombosis, softening	8.6	0.8	135	3.8	19	2.4	24	2.4	156	1.6
All accidents	6.6	0.6	1611	3.0	1	1	1	1	156	1.6
Congenital malformations and diseases peculiar to the first year of life	1.6	0.1	1025	2.0	5	1.0	5	1.0	113	1.1
Pneumonia	10.1	5.3	1011	2.0	1	1	1	1	113	1.1
Tuberculosis	4.7	0.9	708	1.4	6	1.3	5	1.3	312	3.1
<b>Black</b>										
Heart disease	111	19.4	73	19.4	7	19.4	1	19.4	1	19.4
Congenital malformations and diseases peculiar to the first year of life	188	15.3	135	15.3	12	15.3	1	15.3	1	15.3
Cancer	152	9.0	95	9.0	8	9.0	1	9.0	1	9.0
Nephritis	140	8.3	93	8.3	8	8.3	1	8.3	1	8.3
All accidents	109	6.4	64	6.4	5	6.4	1	6.4	1	6.4
Pneumonia	102	5.5	65	5.5	5	5.5	1	5.5	1	5.5
Tuberculosis	5.0	0.4	518	3.1	3	1.8	1	1.8	1	1.8
<b>Indian</b>										
Heart disease	96	15.3	63	15.3	5	15.3	1	15.3	1	15.3
Congenital malformations and diseases peculiar to the first year of life	47	9.5	35	9.5	3	9.5	1	9.5	1	9.5
Cancer	40	6.4	26	6.4	2	6.4	1	6.4	1	6.4
Nephritis	25	4.0	25	4.0	2	4.0	1	4.0	1	4.0
<b>Total</b>										
Heart disease	328	19.4	238	19.4	19	19.4	3	19.4	3	19.4
Congenital malformations and diseases peculiar to the first year of life	188	15.3	135	15.3	12	15.3	1	15.3	1	15.3
Cancer	152	9.0	95	9.0	8	9.0	1	9.0	1	9.0
Nephritis	140	8.3	93	8.3	8	8.3	1	8.3	1	8.3
All accidents	109	6.4	64	6.4	5	6.4	1	6.4	1	6.4
Pneumonia	102	5.5	65	5.5	5	5.5	1	5.5	1	5.5
Tuberculosis	5.0	0.4	518	3.1	3	1.8	1	1.8	1	1.8
<b>Congenital malformations and diseases peculiar to the first year of life</b>										
Heart disease	96	15.3	63	15.3	5	15.3	1	15.3	1	15.3
Congenital malformations and diseases peculiar to the first year of life	47	9.5	35	9.5	3	9.5	1	9.5	1	9.5
Cancer	40	6.4	26	6.4	2	6.4	1	6.4	1	6.4
Nephritis	25	4.0	25	4.0	2	4.0	1	4.0	1	4.0
<b>Indian</b>										
Heart disease	96	15.3	63	15.3	5	15.3	1	15.3	1	15.3
Congenital malformations and diseases peculiar to the first year of life	47	9.5	35	9.5	3	9.5	1	9.5	1	9.5
Cancer	40	6.4	26	6.4	2	6.4	1	6.4	1	6.4
Nephritis	25	4.0	25	4.0	2	4.0	1	4.0	1	4.0
All accidents	109	6.4	64	6.4	5	6.4	1	6.4	1	6.4
Pneumonia	102	5.5	65	5.5	5	5.5	1	5.5	1	5.5
Tuberculosis	5.0	0.4	518	3.1	3	1.8	1	1.8	1	1.8

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

Estimated Population, July 1, 1947	Total		ADULT		INFANT		ALASKA		TOTAL	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Late illegit*	363	22.5	254	-	107	25.4	254	-	301	19.3
Postpartum in hospital	300	22.5	248	-	117	24.8	248	-	313	21.3
Midwife, other or unknown	43	1.1	19	-	24	2.4	24	-	156	1.5
Stillbirths f	3	0.3	2	-	1	1	1	-	10	0.1
Physician in hospital	1	1	1	-	1	1	1	-	1	1
Midwife, other or unknown	1	1	1	-	1	1	1	-	1	1
Total deaths, all causes	161	10.0	102	-	59	13.0	130	-	113	9.3
Babies under 1 year f	10	27.7	5	-	11	43.3	11	-	11	26.7
Deaths under 1 year f	17	27.7	14	-	8	31.5	8	-	7	23.3
Deaths under 1 year, nonwhite	1	2	1	-	1	2	1	-	1	2
Unhlt infant f	1	2	1	-	1	2	1	-	1	2
Measles (3)	1	2	1	-	1	2	1	-	1	2
Spina bifida (3)	1	2	1	-	1	2	1	-	1	2
Influenza (3)	1	2	1	-	1	2	1	-	1	2
Smallpox (34)	1	2	1	-	1	2	1	-	1	2
Measles (35)	1	2	1	-	1	2	1	-	1	2
Auriculitis polypomatita and acute	1	2	1	-	1	2	1	-	1	2
Acute gonococcalitis and acute	1	2	1	-	1	2	1	-	1	2
Body louse spotted fever (99)	1	2	1	-	1	2	1	-	1	2
Other infections and parasitic diseases (34,71,11,23-25,26,27,28,29)	1	2	1	-	1	2	1	-	1	2
Cancer (45-55)	17	105.9	12	-	5	23.2	23	-	16	102.7
Other tumors (46-57)	10	67.2	11	-	3	77.5	10	-	10	64.2
Diseases of the alimentary tract (5,6)	1	6.2	1	-	3	23.2	3	-	2	12.8
Diseases of the liver (11-19)	2	12.5	2	-	3	23.2	3	-	3	19.3
Other diseases of the circulatory system (100-109), (107-109)	35	218.1	20	-	15	279.2	36	-	22	181.2
Other diseases of the respiratory system, all forms (100-109), (107-109)	3	18.7	3	-	3	23.2	3	-	3	19.3
Paroxysmal, all forms (100-109), (107-109)	10	62.3	7	-	3	36.7	5	-	5	64.4
Diarrheas & enteritis, under 2 years (110)	2	12.5	2	-	3	23.2	3	-	3	21.4
Diarrheas & enteritis, over 2 years (120)	1	6.2	1	-	1	25.5	2	-	1	6.4
Appendicitis (121)	1	2	1	-	1	2	1	-	1	2
Gastritis, intestinal obstruction (122)	1	2	1	-	1	2	1	-	1	2
Other diseases of the digestive system (123-129), (125-129)	1	6.2	1	-	1	7.7	1	-	1	6.4
Other diseases of the digestive system (130-139), (135-139)	15	93.5	11	-	4	39.7	4	-	4	25.7
Urinary system (133-139)	1	6.2	1	-	1	25.5	2	-	1	6.4
Diseases of pregnancy, ophthalmitis, and the purpura (140-145)	1	6.2	1	-	1	25.5	1	-	1	6.4
Syphilis (140-145, 145a, 145c, 147)	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases pertaining to birth, and other diseases of the digestive system (146-149)	4	24.9	3	-	1	69.7	2	-	5	32.1
Syphilis (146-149)	14	24.9	11	-	2	35.3	3	-	3	19.3
Hepatitis (145-149)	1	12.5	1	-	1	36.7	4	-	3	19.3
Motor vehicle accidents (150)	8	40.9	6	-	2	40.9	4	-	1	6.4
Other accidents (150-159)	7	43.6	3	-	4	62.0	8	-	5	41.4
Other (159-199)	7	43.6	3	-	1	77.7	1	-	1	1
111 defined and unknown (199-200)	7	43.6	4	-	3	23.2	3	-	6	38.5

See notes on Table I

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1947 - Continued

Estimated population, July 1, 1947	BENIN				BECHEM				BEGHUM				TOTAL				HALINE				
	Total	Non Ind.	Total	Non Ind.	Total	Non Ind.	Total	Non Ind.	Total	Non Ind.	Total	Non Ind.	Total	Non Ind.	Total	Non Ind.	Total	Non Ind.	Total	Non Ind.	
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	
LIVE BIRTHS*	143	17.0	143	17.0	391	39.2	377	34.6	420	23.3	366	22.9	42	130	18.0	180	16.6	211	11.1	211	11.1
Physician in hospital	13	...	13	...	372	38.0	364	34.0	374	28.8	383	26.7	13	3	...	...	...	...	...	...	...
Physician in home	13	...	13	...	18	...	12	...	6	...	8	...	3	2	...	...	...	...	...	...	...
Mother, or other, or unknown	21.0	...	21.0	...	18	...	12	...	6	...	6	...	3	2	...	...	...	...	...	...	...
Stillbirths	3	...	3	...	30.7	32.0	30.7	32.0	3	...	3	...	1	1	...	...	...	...	...	...	...
Physician in hospital	1	...	1	...	2	...	2	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Physician in home	1	...	1	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Other medical personnel	1	...	1	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Physician in all places	74	8.6	74	8.6	179	18.8	177	21.2	172	19.5	171	12.2	29	11	...	...	...	...	...	...	...
Deaths under 1 year	7	...	7	...	21.0	21.0	21.0	21.0	21	25.7	21	20.0	13	1	2	...	...	...	...	...	...
Deaths under 1 month	7	...	7	...	3	...	3	...	18	48.6	18	1	9	26.2	9	...	...	...	...	...	...
Typhoid fever	5	...	5	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Hemogenous meningitis	6	...	6	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Measles	6	...	6	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Measles (9)	6	...	6	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Diphtheria	6	...	6	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Diphtheria (12)	6	...	6	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Whooping cough, all forms	13-22	...	13-22	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Whooping cough (13)	11.9	...	11.9	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Pneumonia	12	...	12	...	2	9.8	2	9.8	2	9.8	2	9.8	2	9.8	2	9.8	2	9.8	2	9.8	2
Pneumonia (13)	11.9	...	11.9	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Urticaria	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Urticaria (27)	11.9	...	11.9	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Measles	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Syphilis	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Smallpox	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Measles (25)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Acute poliomyelitis and acute	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Anterior meningoencephalitis	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Anterior meningoencephalitis (36)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (12)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (27)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (36)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (37)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (38)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (39)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (40)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (41)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (42)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (43)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (44)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (45)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (46)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (47)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (48)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (49)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (50)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (51)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (52)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (53)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (54)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (55)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (56)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (57)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (58)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (59)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (60)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (61)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (62)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (63)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (64)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (65)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (66)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (67)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (68)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (69)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (70)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (71)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (72)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (73)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (74)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (75)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (76)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (77)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (78)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (79)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (80)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (81)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (82)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (83)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (84)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (85)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (86)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (87)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (88)	12	...	12	...	1	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...
Bronchitis (89)	12	...</td																			

TABLE V.  
RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE  
BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1927 - Continued

Estimated population, July 1, 1947	BRIEF										CANADIAN									
	Total					Native					Total					Native				
No.	Name	No.	Wh.	Blk.	No.	Name	No.	Wh.	Blk.	No.	Name	No.	Wh.	Blk.	No.	Name	No.	Wh.	Blk.	
Live Births*	In hospital.	717	21.0	695	8	14	1031	25.9	852	46	133	595	20.3	547	30	9	1	1	1	
Physician in home.	288	...	76	5	7	317	...	283	...	26	8	63	...	41	21	1	1	1		
Midwife, other, or unknown.	11	15.3	16	—	—	20	16.4	19	—	—	—	34	6.8	13.7	6	—	—	—	—	
Stillbirths.	3	—	2	—	—	7	—	6	—	—	—	1	2	—	2	—	—	—	—	
Physician in hospital.	1	—	1	—	—	1	—	1	—	—	—	1	2	—	1	—	—	—	—	
Midwife, other, or unknown.	1	—	1	—	—	1	—	1	—	—	—	1	2	—	1	—	—	—	—	
Total deaths, all causes.	264	7.7	355	3	6	277	7.0	287	12	38	235	8.1	209	18	8	1	1	1	1	
Deaths under 1 year.	23	32.1	22	—	—	35	33.9	28	1	6	19	32.4	17	1	1	1	1	1	1	
Deaths under 1 month.	16	22.3	16	—	—	20	19.4	17	2	13	22.2	12	1	1	1	1	1	1	1	
Typhoid, paratyphoid fevers.	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unbilious fever.	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Typhus, pneumonia.	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Measles, mumps, meningitis.	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diphtheria.	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tuberculosis, all forms.	13	32.0	12	—	—	16	40.2	6	—	10	4	13.8	1	1	2	—	—	—	—	
Hospitalized cases.	12	35.2	12	—	—	13	32.7	10	—	8	13.8	1	1	2	—	—	—	—	—	
Tuberculosis, all forms.	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pneumonia.	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Measles.	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mumps.	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Measles and mumps.	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Acute poliomyelitis and acute poliomyelitis.	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Acute infectious encephalitis.	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hockey Mountain spotted fever.	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other infections and diseases.	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cancer.	31-32	38	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	
Other tumors.	33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other tumors.	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diabetes mellitus.	35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diabetes mellitus.	36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diabetes mellitus.	37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Acute rheumatic fever.	38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rheumatism.	39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of nutrition.	40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of nutrition.	41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diseases of the heart.	42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diseases of the heart.	43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diseases of the blood and blood-forming organs.	44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the circulatory system.	45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Chronic poisoning and intoxication.	46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Chronic poisoning and intoxication.	47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Promiscuity, all forms.	48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	61	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system.	94	—</																		

See notes on Table I

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATES  
BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1947 - Continued

Estimated population, July 1, 1947	CARRIER			CHLOROFORM			CHOLERA		
	Total	Race	Total	Total	Race	Total	Race	Total	Race
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate
Live Births*	860	21.2	738	92	10	496	24.5	405	6
Physician in hospital	591	22.1	572	11	8	371	25.1	95	19.9
Midwife, other, or unknown	239	10	165	72	2	135	11.5	293	103
Stillbirths	10	10	1	9	1	12	2	2	18.4
Physician in hospital	12	27.4	19	4	1	12	24.2	9	50.9
Midwife, other, or unknown	11	8.1	8	3	1	7	4	2	10.4
Total deaths	348	8.5	307	8	3	165	8.1	337	10.4
Deaths under 1 month	22	6.1	21	5	1	15	6.2	21	7.6
Typhoid, paratyphoid fevers	15	21.4	15	5	1	11	26.2	4	13.9
Unilateral fever	5	10.0	5	1	1	5	10.0	2	4.0
Meningoocous meningitis	6	10.0	6	1	1	5	10.0	2	4.0
Souffle fever	8	2.0	8	1	1	7	2.0	2	1.0
Whooping cough	9	2.0	9	1	1	8	2.0	2	1.0
Rheumatic fever	10	2.0	10	1	1	9	2.0	2	1.0
Tuberculosis	14	3.2	14	1	1	13	3.2	2	1.0
Benignitory system	15	3.2	15	1	1	14	3.2	2	1.0
Tularmia	20	4.1	21	1	1	19	4.4	2	1.0
Dysentery	27	5.2	27	1	1	24	5.2	1	1.0
Malaria	28	5.2	28	1	1	25	5.2	1	1.0
Spinaitis	30	5.2	30	1	1	27	5.2	1	1.0
Influenza	33	5.2	33	1	1	30	5.2	1	1.0
Smallpox	34	5.2	34	1	1	31	5.2	1	1.0
Measles	35	5.2	35	1	1	32	5.2	1	1.0
Measles	36	5.2	36	1	1	33	5.2	1	1.0
Measles	37	5.2	37	1	1	34	5.2	1	1.0
Measles	38	5.2	38	1	1	35	5.2	1	1.0
Measles	39	5.2	39	1	1	36	5.2	1	1.0
Measles	40	5.2	40	1	1	37	5.2	1	1.0
Measles	41	5.2	41	1	1	38	5.2	1	1.0
Measles	42	5.2	42	1	1	39	5.2	1	1.0
Measles	43	5.2	43	1	1	40	5.2	1	1.0
Measles	44	5.2	44	1	1	41	5.2	1	1.0
Measles	45	5.2	45	1	1	42	5.2	1	1.0
Measles	46	5.2	46	1	1	43	5.2	1	1.0
Measles	47	5.2	47	1	1	44	5.2	1	1.0
Measles	48	5.2	48	1	1	45	5.2	1	1.0
Measles	49	5.2	49	1	1	46	5.2	1	1.0
Measles	50	5.2	50	1	1	47	5.2	1	1.0
Measles	51	5.2	51	1	1	48	5.2	1	1.0
Measles	52	5.2	52	1	1	49	5.2	1	1.0
Measles	53	5.2	53	1	1	50	5.2	1	1.0
Measles	54	5.2	54	1	1	51	5.2	1	1.0
Measles	55	5.2	55	1	1	52	5.2	1	1.0
Measles	56	5.2	56	1	1	53	5.2	1	1.0
Measles	57	5.2	57	1	1	54	5.2	1	1.0
Measles	58	5.2	58	1	1	55	5.2	1	1.0
Measles	59	5.2	59	1	1	56	5.2	1	1.0
Measles	60	5.2	60	1	1	57	5.2	1	1.0
Measles	61	5.2	61	1	1	58	5.2	1	1.0
Measles	62	5.2	62	1	1	59	5.2	1	1.0
Measles	63	5.2	63	1	1	60	5.2	1	1.0
Measles	64	5.2	64	1	1	61	5.2	1	1.0
Measles	65	5.2	65	1	1	62	5.2	1	1.0
Measles	66	5.2	66	1	1	63	5.2	1	1.0
Measles	67	5.2	67	1	1	64	5.2	1	1.0
Measles	68	5.2	68	1	1	65	5.2	1	1.0
Measles	69	5.2	69	1	1	66	5.2	1	1.0
Measles	70	5.2	70	1	1	67	5.2	1	1.0
Measles	71	5.2	71	1	1	68	5.2	1	1.0
Measles	72	5.2	72	1	1	69	5.2	1	1.0
Measles	73	5.2	73	1	1	70	5.2	1	1.0
Measles	74	5.2	74	1	1	71	5.2	1	1.0
Measles	75	5.2	75	1	1	72	5.2	1	1.0
Measles	76	5.2	76	1	1	73	5.2	1	1.0
Measles	77	5.2	77	1	1	74	5.2	1	1.0
Measles	78	5.2	78	1	1	75	5.2	1	1.0
Measles	79	5.2	79	1	1	76	5.2	1	1.0
Measles	80	5.2	80	1	1	77	5.2	1	1.0
Measles	81	5.2	81	1	1	78	5.2	1	1.0
Measles	82	5.2	82	1	1	79	5.2	1	1.0
Measles	83	5.2	83	1	1	80	5.2	1	1.0
Measles	84	5.2	84	1	1	81	5.2	1	1.0
Measles	85	5.2	85	1	1	82	5.2	1	1.0
Measles	86	5.2	86	1	1	83	5.2	1	1.0
Measles	87	5.2	87	1	1	84	5.2	1	1.0
Measles	88	5.2	88	1	1	85	5.2	1	1.0
Measles	89	5.2	89	1	1	86	5.2	1	1.0
Measles	90	5.2	90	1	1	87	5.2	1	1.0
Measles	91	5.2	91	1	1	88	5.2	1	1.0
Measles	92	5.2	92	1	1	89	5.2	1	1.0
Measles	93	5.2	93	1	1	90	5.2	1	1.0
Measles	94	5.2	94	1	1	91	5.2	1	1.0
Measles	95	5.2	95	1	1	92	5.2	1	1.0
Measles	96	5.2	96	1	1	93	5.2	1	1.0
Measles	97	5.2	97	1	1	94	5.2	1	1.0
Measles	98	5.2	98	1	1	95	5.2	1	1.0
Measles	99	5.2	99	1	1	96	5.2	1	1.0
Measles	100	5.2	100	1	1	97	5.2	1	1.0
Measles	101	5.2	101	1	1	98	5.2	1	1.0
Measles	102	5.2	102	1	1	99	5.2	1	1.0
Measles	103	5.2	103	1	1	100	5.2	1	1.0
Measles	104	5.2	104	1	1	101	5.2	1	1.0
Measles	105	5.2	105	1	1	102	5.2	1	1.0
Measles	106	5.2	106	1	1	103	5.2	1	1.0
Measles	107	5.2	107	1	1	104	5.2	1	1.0
Measles	108	5.2	108	1	1	105	5.2	1	1.0
Measles	109	5.2	109	1	1	106	5.2	1	1.0
Measles	110	5.2	110	1	1	107	5.2	1	1.0
Measles	111	5.2	111	1	1	108	5.2	1	1.0
Measles	112	5.2	112	1	1	109	5.2	1	1.0
Measles	113	5.2	113	1	1	110	5.2	1	1.0
Measles	114	5.2	114	1	1	111	5.2	1	1.0
Measles	115	5.2	115	1	1	112	5.2	1	1.0
Measles	116	5.2	116	1	1	113	5.2	1	1.0
Measles	117	5.2	117	1	1	114	5.2	1	1.0
Measles	118	5.2	118	1	1	115	5.2	1	1.0
Measles	119	5.2	119	1	1	116	5.2	1	1.0
Measles	120	5.2	120	1	1	117	5.2	1	1.0
Measles	121	5.2	121	1	1	118	5.2	1	1.0
Measles	122	5.2	122	1	1	119	5.2	1	1.0
Measles	123	5.2	123	1	1	120	5.2	1	1.0
Measles	124	5.2	124	1	1	121	5.2	1	1.0
Measles	125	5.2	125	1	1	122	5.2	1	1.0
Measles	126	5.2	126	1	1	123	5.2	1	1.0
Measles	127	5.2	127	1	1	124	5.2	1	1.0
Measles	128	5.2	128	1	1	125	5.2	1	1.0
Measles	129	5.2	129	1	1	126	5.2	1	1.0
Measles	130	5.2	130	1	1	127	5.2	1	1.0
Measles	131	5.2	131	1	1	128	5.2	1	1.0
Measles	132	5.2	132	1	1	129	5.2	1	1.0
Measles	133	5.2	133	1	1	130	5.2	1	1.0
Measles	134	5.2	134	1	1	131	5.2	1	1.0
Measles	135	5.2	135	1	1	132	5.2	1	1.0
Measles	136	5.2	136	1	1	133	5.2	1	1.0
Measles	137	5.2	137	1	1	134	5.2	1	1.0
Measles	138	5.2	138	1	1	135	5.2	1	1.0
Measles	139	5.2	139	1	1	136	5.2	1	1.0
Measles	140	5.2	140	1	1	137	5.2	1	1.0
Measles	141	5.2	141	1	1	138	5.2	1	1.0
Measles	142	5.2	142	1	1	139	5.2	1	1.0
Measles	143	5.2	143	1	1	140	5.2	1	1.0
Measles	144	5.2	144	1	1	141	5.2	1	1.0
Measles	145	5.2	145	1	1	142	5.2	1	1.0
Measles	146	5.2	146	1	1	143	5.2	1	1.0
Measles	147	5.2	147	1	1	144	5.2	1	1.0
Measles	148	5.2	148	1	1	145	5.2	1	1.0
Measles	149	5.2	149	1	1	146	5.2	1	1.0
Measles	150	5.2	150	1	1	147	5.2	1	1.0
Measles	151	5.2	151	1	1	148	5.2	1	1.0
Measles	152	5.2	152	1</					

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE  
BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1947 - Continued

	Total			CUMBERLAND			CHEROKEE			CUSTER			DOLPHIN			
	Total	White	Black	Total	White	Black	Total	White	Black	Total	White	Black	Total	White	Black	
Estimated population, July 1, 1947	55,881	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	
Live Births*	1184	22.0	1066	79	79	233	19.9	209	14	10	348	17.4	331	13	4	
Physician in hospital	970	86%	867	6	6	77	12.7	12	10	10	308	30.4	203	-	55	
Physician in home	187	100	187	124	124	51	105	105	12	10	34	30.0	25	11	16	
Midwife, other, or unknown	27	12.2	26	21	21	6	1	1	2	10	24	11.5	4	2	1	
Stillbirths	20	15.3	15	15	15	4	1	1	2	4	4	11.5	4	2	1	
Physician in hospital	6	2.4	6	2	2	1	1	1	1	1	2	2.0	1.1	1	1	
Midwife, other, or unknown	1	1.0	1	1	1	1	1	1	1	1	2	2.0	1.1	1	1	
Total deaths all causes†	361	6.7	299	38	38	26	98	8.4	91	6	1	184	9.2	162	13	9
Deaths under 1 year ‡	47	39.7	30	11	11	9	6	7	30.0	1	1	22	63.2	21	1	1
Typhoid, paratyphoid fevers (1,2)	33	27.9	20	9	9	6	25.8	6	26	1	1	36	46.0	15	1	1
Unnatural infant (2)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Meningoencephalitis (6)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sepsis (6)	2	3.7	2	2	2	1	8.5	2	2	1	1	2	2.0	1.1	1	1
Diphtheria (20)	1	5.0	1	1	1	1	1	1	1	1	2	4.7	2	1	1	1
Tetanus (12)	1	1.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tuberculosis, all forms (13-22)	11	20.4	5	3	3	1	5	25.0	2	2	2	22	17	15	2	2
Tularemia (26)	10	18.6	5	3	3	1	35	35.0	8	4	3	11	38.8	5	3	3
Typhus, paratyphoid fevers (1,2)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Unnatural birth (5)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Meningoencephalitis (6)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Spontaneous abortion (9)	2	3.7	2	2	2	1	8.5	2	2	1	1	2	8.5	2	1	1
Smallpox (3)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Measles (35)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Acute poliomyelitis and acute poliomyelitis (36)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Acute infectious encephalitis (37)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Hockey Mountain spotted fever (38)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Malaria (29)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Syphilis (30)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Trichinosis (31)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Leptospirosis (32)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Cancer (45-76)	31	32.3	28	26	26	20	43	70.8	4	2	10	85.5	9	1	1	1
Other tumors (56-57)	3	3.7	3	2	2	1	1	1	1	1	1	17.8	1	1	1	1
Acute rheumatic fever (58)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Diabetes mellitus (61)	5	9.3	5	3	3	1	3	25.6	3	1	3	15.0	1	1	1	1
Pellagra (69)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Other diseases of nutrition, amino-acid, protein, carbohydrate	1	1.9	1	1	1	1	1	1	1	1	1	5.0	1	1	1	1
Diabetes mellitus (69-70)	1	1.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Diabetes of the blood and blood-forming organs (72-76)	1	1.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Other diseases of the circulatory system (77-79)	2	3.7	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Obstructive hemorrhage, anemia, thrombocytopenia, coagulation	37	68.7	32	4	1	14	119.7	14	1	1	15	78.9	12	3	1	1
Other diseases of the respiratory system (107-109)	6	11.1	6	1.1	1	1	2	30.0	2	1	1	1	1	1	1	1
Other diseases of the genito-urinary system (110-112)	11	1.6	1	1	1	1	2	30.0	1	1	1	1	1	1	1	1
Urinary tract (113-119)	3	5.5	3	1	1	1	3	25.6	3	1	2	1	1	1	1	1
Diarrhea, enteritis over 2 yrs. (120)	1	1.9	1	1	1	1	1	29.7	4	1	1	1	1	1	1	1
Hemorrhoids, intestinal obstruction (122)	1	1.9	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Cirrhosis of liver (124)	1	1.9	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the digestive system (115-118, 123, 125-129)	12	22.3	9	3	1	1	8.5	7	1	1	2	30.0	16	1	1	1
Malaria (130-132)	1	1.0	1	1	1	1	1	29.0	1	1	1	1	1	1	1	1
Other diseases of the genito-urinary system (133-139)	3	5.5	3	1	1	1	3	25.6	3	1	2	10.0	2	1	1	1
Urinary system, non-specific (140-150)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Biliary tract (151-152)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Genitourinary, non-specific (153-156)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the respiratory system (100-103)	2	3.7	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the heart and blood vessels (160-162)	15	27.3	13	1	1	1	2	30.0	1	1	1	1	1	1	1	1
Other diseases of the circulatory system (163-165)	2	3.7	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the respiratory system (166-168)	12	22.3	9	3	1	1	8.5	7	1	1	2	30.0	16	1	1	1
Other diseases of the genito-urinary system (169-172)	3	5.5	3	1	1	1	3	25.6	3	1	2	20.0	16	1	1	1
Urinary system, non-specific (173-176)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the heart and blood vessels (177-179)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the respiratory system (180-182)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the genito-urinary system (183-185)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Urinary system, non-specific (186-188)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the heart and blood vessels (189-191)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the respiratory system (192-194)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the genito-urinary system (195-197)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Urinary system, non-specific (198-200)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the heart and blood vessels (201-203)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the respiratory system (204-206)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the genito-urinary system (207-209)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Urinary system, non-specific (210-212)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the heart and blood vessels (213-215)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the respiratory system (216-218)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the genito-urinary system (219-221)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Urinary system, non-specific (222-224)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the heart and blood vessels (225-227)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the respiratory system (228-230)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the genito-urinary system (231-233)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Urinary system, non-specific (234-236)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the heart and blood vessels (237-239)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the respiratory system (240-242)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the genito-urinary system (243-245)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Urinary system, non-specific (246-248)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the heart and blood vessels (249-251)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the respiratory system (252-254)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Other diseases of the genito-urinary system (255-257)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1
Urinary system, non-specific (258-260)	1	1.0	1	1	1	1	1	20.0	1	1	1	1	1	1	1	1

TABLE V. RESIDENT BIRTHS, DEATHS, AND DISEASES BY IMPORTANT CAUSES, NUMBER AND RATE  
BY COUNTY, AND NUMBER BY RACE, OKLAHOMA, 1947 - Continued

Estimated population, July 1, 1947	TOTAL			DEATHS			DISEASES			DISEASES		
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Live Births*	10,960	10,960	10,960	7,725	7,725	7,725	48,913	48,913	48,913	48,913	48,913	48,913
Physician in hospital	196	17,9	188	8	150	194	150	118	22,9	107	45	40
Hilfirth, other, or unknown	170	124	—	6	142	12	—	107	39	31	—	—
Physician in hospital	62	61	—	1	7	—	—	—	—	—	—	—
Hilfirth, other, or unknown	4	3	—	1	7	—	—	—	—	—	—	—
Physician in hospital	1	1	—	1	7	—	—	—	—	—	—	—
Hilfirth, other, or unknown	1	—	—	1	—	—	—	—	—	—	—	—
Total deaths due to all causes*	10,9	10,1	10,1	6,6	6,6	6,6	—	—	—	—	—	—
Deaths under 1 year f	10,8	10,8	10,8	6,5	6,5	6,5	—	—	—	—	—	—
Deaths under 1 month f	4	20,4	3	3	20,0	3	—	45	5,3	4,3	3,7	3,7
Tuberculosis, pulmonary	1	—	—	1	—	—	—	—	—	—	—	—
Deaths under 1 month f	1	—	—	1	—	—	—	—	—	—	—	—
Death under 1 year f	1	—	—	1	—	—	—	—	—	—	—	—
Infantile paroxysmal fevers (1-2)	1	4	—	1	—	—	—	—	—	—	—	—
Unilateral fever (5)	1	9,1	—	1	—	—	—	—	—	—	—	—
Meningococcus meningitis (6)	1	—	—	1	—	—	—	—	—	—	—	—
Scarlet fever (6)	1	—	—	1	—	—	—	—	—	—	—	—
Measles (9)	1	—	—	1	—	—	—	—	—	—	—	—
Influenza (1)	1	—	—	1	—	—	—	—	—	—	—	—
Pneumonia, all forms (13-22)	1	—	—	1	—	—	—	—	—	—	—	—
Respiratory system (13)	1	—	—	1	—	—	—	—	—	—	—	—
Pharynx (26)	1	—	—	1	—	—	—	—	—	—	—	—
Digestive system (27)	1	—	—	1	—	—	—	—	—	—	—	—
Malaria (28)	1	—	—	1	—	—	—	—	—	—	—	—
Syphilis (30)	1	—	—	1	—	—	—	—	—	—	—	—
Influenza (33)	1	—	—	1	—	—	—	—	—	—	—	—
Smallpox (34)	1	—	—	1	—	—	—	—	—	—	—	—
Measles (35)	1	—	—	1	—	—	—	—	—	—	—	—
Scarlet fever (36)	1	—	—	1	—	—	—	—	—	—	—	—
Measles (37)	1	—	—	1	—	—	—	—	—	—	—	—
Acute poliomyelitis (38)	1	—	—	1	—	—	—	—	—	—	—	—
Acute infantile encephalitis (39)	1	—	—	1	—	—	—	—	—	—	—	—
Rocky Mountain spotted fever (39)	1	—	—	1	—	—	—	—	—	—	—	—
Other infectious and parasitic diseases (39-95)	1	—	—	1	—	—	—	—	—	—	—	—
Seasickness (3,4,7,11-23,26,29)	1	—	—	1	—	—	—	—	—	—	—	—
Cancer (15-57)	10	91,2	10,4	10	91,2	10,4	10	27,5	7	1	—	—
Other tumors (56-57)	10	18,2	2	10	18,2	2	10	8,4	2	1	—	—
Diabetes mellitus (61)	2	18,2	2	1	3	38,9	3	9	18,4	9	1	—
Follmeria (69)	1	—	—	1	—	—	—	—	—	—	—	—
Other diseases of nervous system, entire glands, and avitaminoses (60, 62-63, 70-71)	1	—	—	1	—	—	—	—	—	—	—	—
Diseases of the blood and blood vessels (64-65)	1	—	—	1	—	—	—	—	—	—	—	—
Formation of the organ (72-76)	1	9,1	1	1	4	51,8	4	11	22,5	11	1	—
Obstruction, constricting and incarceration (77-78)	1	—	—	1	—	—	—	—	—	—	—	—
Generalized hemoptysis, embolism, thrombosis, softening (83)	4	36,5	4	5	64,8	5	55	112,4	51	4	—	—
Other diseases of nervous system, and sense organs (80-82, 84-89)	2	18,2	2	1	39,9	19	19	18,4	9	1	—	—
Diseases of the heart (86-95)	38	316,7	38	19	296,3	19	19	30,2	15	10,2	—	—
Other diseases of the heart (86-95)	18,2	—	—	1	—	—	—	—	—	—	—	—
Diarrhea & enteritis over 2 yrs. (120)	1	—	—	1	—	—	—	—	—	—	—	—
Diarrhea & enteritis over 2 yrs. (120)	1	9,1	1	1	13,0	2	2	10,2	5	1	—	—
Hernia, intestinal obstruction (121)	1	—	—	1	—	—	—	—	—	—	—	—
Gastritis or duodenitis (122)	1	9,1	1	1	13,0	1	1	3,0	1	1	—	—
Other diseases of the digestive system (110-116, 119-124)	1	5,4	1	1	13,0	1	1	3,0	1	1	—	—
Other diseases of the respiratory system (104-106, 110-114)	1	9,1	1	1	13,0	1	1	3,0	1	1	—	—
Diarrhea & enteritis under 1 yr. (120)	1	2,0	1	1	6,1	3	3	2,0	1	1	—	—
Diarrhea & enteritis under 1 yr. (120)	1	—	—	1	—	—	—	—	—	—	—	—
Diarrhea & enteritis over 2 yrs. (120)	1	—	—	1	—	—	—	—	—	—	—	—
Diarrhea & enteritis over 2 yrs. (120)	1	—	—	1	—	—	—	—	—	—	—	—
Biliary system (122)	1	—	—	1	—	—	—	—	—	—	—	—
Appendicitis (123)	1	—	—	1	—	—	—	—	—	—	—	—
Cirrhosis, chronic (124)	1	—	—	1	—	—	—	—	—	—	—	—
Other diseases of the digestive system (111-118, 122, 125-129)	1	—	—	1	—	—	—	—	—	—	—	—
Nephritis (110-112)	5	17,2	5	2	17,2	5	5	—	9	22,9	8	1
Other diseases of the genito-urinary system (123-129)	2	6,9	2	1	17,2	7	15	38,2	12	3	2	—
Urinary system (133-139)	2	8,2	4	—	4	8,2	4	—	6	15,3	6	—
Diseases of pregnancy, childbirth, and the puerperium (140-150, 156-177)	1	—	—	1	—	—	—	—	—	—	—	—
Sentimella (150)	1	—	—	1	—	—	—	—	—	—	—	—
Congenital malformations, diseases of the fetus (150-155, 157-161)	3	27,4	2	1	38,9	3	34	69,5	32	2	—	—
Conjoined twins (156-157)	1	—	—	1	—	—	—	—	—	—	—	—
Stillbirth (155-164)	1	—	—	1	—	—	—	—	—	—	—	—
Infantile (165-166)	1	—	—	1	—	—	—	—	—	—	—	—
Motor vehicle accidents (167)	1	—	—	1	—	—	—	—	—	—	—	—
Other accidents (168)	1	—	—	1	—	—	—	—	—	—	—	—
Other accidents (169)	13	18,6	13	1	13,0	1	1	17,8	6	1	—	—
Other accidents (170)	1	—	—	1	—	—	—	—	—	—	—	—
Other accidents (171-175)	1	—	—	1	—	—	—	—	—	—	—	—
Other accidents (176-179)	1	—	—	1	—	—	—	—	—	—	—	—
Other accidents (180-184)	1	—	—	1	—	—	—	—	—	—	—	—
Other accidents (185-189)	1	—	—	1	—	—	—	—	—	—	—	—
Other accidents (190-194)	1	—	—	1	—	—	—	—	—	—	—	—
Other accidents (195-199)	1	—	—	1	—	—	—	—	—	—	—	—
Other accidents (200-204)	1	—	—	1	—	—	—	—	—	—	—	—
III defined and unknown (205-209)	1	—	—	1	—	—	—	—	—	—	—	—
III defined and unknown (210-214)	1	—	—	1	—	—	—	—	—	—	—	—

See notes on Table 1

Estimated population, July 1, 1947	TOTAL			GROWTH			QUARTER			GRANT		
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Live Births*	721	24,8	679	37	5	813	20,7	779	32	2	225	19,2
Physician in hospital	641	—	633	31	5	601	—	596	3	2	215	—
Physician in home, or unknown	4	13	3	201	—	182	19	—	—	—	20	—
Midwife, other, or unknown	1	—	1	—	1	—	—	—	—	—	—	—
Total deaths due to all causes*	213	7,2	199	12	2	377	6,2	392	35	122	10,1	122
Death under 1 year f	21	29,1	18	3	2	38,4	23,4	35	9	20,0	9	20,0
Tuberculosis (25a)	7	24,1	6	1	—	—	—	—	—	—	—	—
Tubercular paroxysmal fevers (1-2)	1	3,4	1	—	1	—	—	—	—	—	—	—
Hilfirth, paroxysmal fevers (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus meningitis (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus pneumoniae (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus viridans (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus faecalis (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus faecale (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus viridans (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus faecalis (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus faecale (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus faecalis (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus faecale (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus faecalis (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus faecale (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus faecalis (6)	1	—	1	—	1	—	—	—	—	—	—	—
Streptococcus faecale (6)	1	—	1	—	1	—	—	—				

TABLE V.  
RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATES  
BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1947 - Continued

TABLE V.  
RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RAY  
BY COUNTY AND NUMBER BY COUNTY AND RACE, OKLAHOMA 1917—CONT'D

See notes on Table I

TABLE V.  
RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE  
BY COUNTY AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1947 - Continued

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE  
BY COUNTY AND NUMBER BY COUNTY AND PLACE OCTOBER 1<sup>ST</sup> 1910 6-14-1911

See notes on Table

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE  
BY COUNTY, AND NUMBER BY COUNTY AND RATE, OKLAHOMA, 1947 - Continued

Estimated population, July 1, 1947	Total			LAWRENCE			LINCOLN			TODD			LAUREN		
	Total	No.	No.	Total	No.	No.	Total	No.	No.	Total	No.	No.	Total	No.	No.
Live Births*	42,160	1053	20,2	892	25	26	487	20,2	42	9	529	21,0	423	108	-
Physician in hospital	•	•	•	523	•	•	265	1	5	275	•	•	363	117	119
Physician in home	•	•	•	538	•	•	522	1	5	166	•	•	377	43	65
Hospital, either, or unknown	•	•	•	28	3	3	35	12	1	16	8	8	121	•	117
Health center, or unknown	•	•	•	22	2	2	23	21	1	12	4	4	45	6	15
Physician in hospital	•	•	•	3	3	3	1	1	1	1	1	1	11	2	10
Deaths under 1 year	•	•	•	19	3	3	18	7	7	4	6	1	1	1	1
Deaths under 1 month	•	•	•	30	7	7	27	15	4	23	1	1	21	1	1
Tuberculosis, all forms (1,2)	29	24,0	25	24,2	24	24	20,4	12	12	24,6	10	10	21	15	15
Tuberculosis, primary and继发的 (1,2)	16	14,7	14	14,7	12	12	11,9	10	10	12	10	10	17	12	12
Tuberculosis, secondary (1,2)	16	14,7	14	14,7	12	12	11,9	10	10	12	10	10	17	12	12
Scarlet fever (6)	•	•	•	1	1	1	1	1	1	1	1	1	1	1	1
Whooping cough (9)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Diphtheria (10)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Tetanus (12)	•	•	•	1	1	1	1	1	1	1	1	1	1	1	1
Tuberculosis, all forms (1,2)	16	14,7	16	14,7	12	12	11,9	10	10	12	10	10	17	12	12
Respiratory system (13)	16	14,7	16	14,7	12	12	11,9	10	10	12	10	10	17	12	12
Diarrhea (22)	•	•	•	1	1	1	1	1	1	1	1	1	1	1	1
Malaria (23)	•	•	•	2	1	1	1	1	1	1	1	1	1	1	1
Smallpox (34)	•	•	•	6	14,2	6	1	1	1	1	1	1	1	1	1
Measles (35)	•	•	•	1	1	1	1	1	1	1	1	1	1	1	1
Acute poliomyelitis and acute poliomyelitis (36)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Acute infections, non-specific (37)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Other bronchitis and paroxysmal dyspnea (38)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Other diseases of the heart (39-45)	31-32	36,39a	30b	36,39a	40-44	31	73,5	29	2	1	29	130,2	28	2	2
Chronic bronchitis and intoxication (47-50)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Other tumors (56-57)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Acute rheumatic fever (58)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Diabetes mellitus (61)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Follicular goiter (62)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Other diseases of the heart (63-67)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Diseases of the blood and blood-forming organs (72-76)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Chronic poisoning and intoxication (77-79)	•	•	•	1	2,4	1	1	1	1	1	1	1	1	1	1
Cerebral hemorrhage, embolism, thrombosis, etc. (80-83)	35	83,0	33	2	1	1	28	116,1	25	2	1	38	180,7	30	8
Other diseases of the heart (84-89)	6	14,2	6	1	1	1	3	12,4	3	1	1	3	11,9	2	1
Diseases of the heart (90-95)	57	19,5	53	4	1	1	30,8	74	2	1	1	30,9	74	1	1
Diseases of the arteries (96-99)	5	11,9	5	11,9	2	2	2	8,3	2	1	1	4	15,9	4	4
Other diseases of the circulatory system (100-107)	20	47,7	18	2	1	1	9	37,3	7	2	1	12	47,6	6	6
Pneumonia, all forms (107-109)	8	19,0	8	1	1	1	3	12,4	2	1	1	6	23,8	5	1
Other diseases of the respiratory system (109-116)	11	27,0	11	2	1	1	1	4,1	1	1	1	4	10,0	1	1
Diarrhea & enteritis over 2 yrs (120)	3	7,1	2	1	1	1	1	4,1	1	1	1	1	4,0	1	1
Appendicitis (121)	3	7,1	2	1	1	1	1	4,1	1	1	1	1	4,0	1	1
Hernia, intestinal obstruction (122)	2	4,7	2	1	1	1	1	4,1	1	1	1	1	4,0	1	1
Other diseases of the digestive system (123-129)	7	16,6	7	1	1	1	5	20,7	5	1	1	5	19,8	4	4
Other diseases of the respiratory system (129-132)	18	42,7	17	1	1	1	8	35,2	7	1	1	35	59,5	8	7
Other diseases of the heart (133-136)	25	71,3	23	2	1	1	1	8,3	1	1	1	6	23,8	5	1
Urinary system (137-140)	2	4,7	2	1	1	1	2	8,3	1	1	1	6	23,8	4	4
Urinary system, many malfunctions and the genitourinary system (140-150)	4	4,7	4	1	1	1	2,1	1	1	1	1	1	1,9	1	1
Urinary system, many malfunctions and the genitourinary system (150-157)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Genital malformations (158-161)	35	25,6	14	1	1	1	11	45,6	10	1	1	11	55,5	12	2
Other diseases of the digestive system (161-171)	11	26,1	11	1	1	1	4	1	1	1	1	1	11,9	3	3
Syphilis (169-174)	3	7	2	1	1	1	1	4,1	1	1	1	1	4,1	2	2
Syphilis (175-180)	7	16,6	7	1	1	1	1	4,1	1	1	1	1	4,1	2	2
Hemorrhoids (181-186)	3	7	2	1	1	1	1	4,1	1	1	1	1	4,1	2	2
Other diseases of the heart (187-190)	7	16,6	7	1	1	1	1	4,1	1	1	1	1	4,1	2	2
Other diseases of the heart (191-196)	25	59,3	23	2	1	1	1	7,6	6	1	1	1	7,6	17	1
Other diseases of the heart (197-200)	1	16,6	1	1	1	1	1	2,1	1	1	1	1	2,1	7,9	1
111 defined and unknown (199-200)	7	16,6	7	1	1	1	1	2,1	1	1	1	1	2,1	7,9	1

See notes on Table 1.

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE  
BY COUNTY, AND NUMBER BY COUNTY AND RATE, OKLAHOMA, 1947 - Continued

Estimated population, July 1, 1947	Total			LORETTA			MELBAINE			McINTOSH			
	Total	No.	No.	Total	No.	No.	Total	No.	No.	Total	No.	No.	
Live Births*	8,519	105	10	3,88	18,8	2	2,95	9	1	3,85	24,0	653	119
Physician in hospital	22	16,4	12	11	22	12	1	10	1	102	227	57	115
Physician in home	120	10,9	10	109	10,9	10	10	10	1	102	403	57	115
Midwife, other, or unknown	3	20,7	3	3	8,9	2	1	6	1	12	21,6	12	2
Stillbirths	1	1	1	1	1	1	1	1	1	1	1	1	1
Physician in hospital	1	1	1	1	1	1	1	1	1	1	1	1	1
Physician in home	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
Total deaths, all causes*	55	6,0	44	2,9	106	5,9	104	2,7	1	2,9	276	7,9	194
Deaths under 1 year	33	2,9	2	1,7	15	2,7	14	2,6	1	2,7	24	4,0	24
Deaths under 1 month	12	1,2	1	0,7	7	1,2	1	1,1	1	1,2	14	1,7	14
Total deaths, all causes (1,2)	111	11,3	1	1	1	1	1	1	1	1	1	1	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, 1947 - Continued

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATES BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1972 - Continued

Estimated population, July 1, 1947	MATES				MURRAY				WISCONSIN				
	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	Total	Race	
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate		
Live Births*	477	20.7	406	5.6	211	17.3	198	5.9	1560	23.7	1048	28.4	
Physician in hospital	305	20.7	327	5.5	167	4.6	44	3.3	1120	20.0	1044	21.1	
Physician at home, or unknown	85	20.7	76	5.5	47	4.1	2	1.7	140	20.0	104	9.5	
Stillborn	27	20.7	32	3.9	13	3.3	1	1.3	44	20.3	125	5.3	
Physician in hospital	13	27.3	11	1.1	1	6	1	1.1	10	26.3	23	12	
Physician at home	1	27.3	1	1.1	1	6	1	1.1	10	26.3	23	12	
Total deaths, all causes*	183	7.9	170	1.2	141	11.6	132	2.2	672	10.2	457	12.3	
Deaths under 1 year	21	4.0	17	4.6	28	4.5	2	1.5	32	20.5	27	5	
Deaths under 1 month	13	27.3	13	2.2	9.5	2	—	—	—	—	—	—	
Typhoid, paratyphoid fevers (1,2)	—	—	—	—	—	—	—	—	—	—	—	—	
Malaria and other malarious diseases (3)	—	—	—	—	—	—	—	—	—	—	—	—	
Measles (4)	—	—	—	—	—	—	—	—	—	—	—	—	
Measles and mumps (5)	—	—	—	—	—	—	—	—	—	—	—	—	
Measles and mumps (6)	—	—	—	—	—	—	—	—	—	—	—	—	
Measles and mumps (7)	—	—	—	—	—	—	—	—	—	—	—	—	
Diphtheria (10)	—	—	—	—	—	—	—	—	—	—	—	—	
Diarrhea (12)	—	—	—	—	—	—	—	—	—	—	—	—	
Enteritis, all forms (13)	14	4.3	13	1.1	5	41.0	4	—	29	44.1	14	15	
Enteritis, acute (13)	14	60.7	13	1.1	5	41.0	4	—	27	41.0	14	14	
Enteritis, chronic (13)	11	47.7	10	1.1	1	8.2	1	—	—	—	—	—	
Enteritis, dysentery (27)	—	—	—	—	—	—	—	—	—	—	—	—	
Influenza (28)	—	—	—	—	—	—	—	—	—	—	—	—	
Measles (29)	—	—	—	—	—	—	—	—	—	—	—	—	
Smallpox (30)	—	—	—	—	—	—	—	—	—	—	—	—	
Measles (31)	—	—	—	—	—	—	—	—	—	—	—	—	
Measles and mumps (32)	—	—	—	—	—	—	—	—	—	—	—	—	
Measles and mumps (33)	—	—	—	—	—	—	—	—	—	—	—	—	
Measles and mumps (34)	—	—	—	—	—	—	—	—	—	—	—	—	
Measles and mumps (35)	—	—	—	—	—	—	—	—	—	—	—	—	
Acute poliomyelitis and acute nonencephalitic poliomyelitis (36)	—	—	—	—	—	—	—	—	—	—	—	—	
Acute infectious encephalitis (37)	—	—	—	—	—	—	—	—	—	—	—	—	
Rocky Mountain spotted fever (38)	—	—	—	—	—	—	—	—	—	—	—	—	
Other infant and child diseases and parasitic diseases (39)	—	—	—	—	—	—	—	—	—	—	—	—	
Concrem (40-55)	38	44.9	31	3.6	38	46.0	29	3.5	2	33.0	59	20	
Other tumors (56-67)	—	—	—	—	—	—	—	—	—	—	—	—	
Diabetes mellitus (61)	—	—	—	—	—	—	—	—	—	—	—	—	
Pellagra (69)	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of nutrition, endocrinology, metabolism and antemortem diseases of the blood and bone marrow (70-76)	—	—	—	—	—	—	—	—	—	—	—	—	
Diseases of the heart and blood vessels (77-79)	—	—	—	—	—	—	—	—	—	—	—	—	
Chronic poisoning and intoxication (79-89)	—	—	—	—	—	—	—	—	—	—	—	—	
Cerebral hemorrhage, embolism, thrombosis, softening (89)	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the nervous system (90)	—	—	—	—	—	—	—	—	—	—	—	—	
Diseases of the arteries (96-99)	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the circulatory system (100-103)	—	—	—	—	—	—	—	—	—	—	—	—	
Pneumonia, all forms (107-109)	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the respiratory system (110-116)	—	—	—	—	—	—	—	—	—	—	—	—	
Diarrhea and enteritis under 2 yrs. (117-120)	2	8.7	1	1.1	—	—	—	—	12	18.2	10	2	
Diarrhea and enteritis over 2 yrs. (121-123)	40	103.5	37	3.3	54	42.5	51	1	2	148	224.8	110	35
Hepatitis (124-126)	2	4.7	2	1.1	3	24.6	3	1	12	12.1	11	4	3
Gastritis, intestinal obstruction (127-129)	2	8.7	2	1.1	8.2	1	—	—	—	—	—	—	—
Other diseases of the digestive system (115-118, 123-125, 129)	—	—	—	—	—	—	—	—	6	9.1	3	3	
Hepatitis (130-132)	—	—	—	—	—	—	—	—	24	36.5	16	8	
Other diseases of the gallbladder, biliary system (133-137)	—	—	—	—	—	—	—	—	19	33.7	8	—	
Diarrhea and enteritis under 2 yrs. (138-140)	1	4.3	1	1.1	—	—	—	—	12	18.2	10	2	
Diarrhea and enteritis over 2 yrs. (141-143)	2	4.7	2	1.1	—	—	—	—	12	18.2	10	2	
Appendicitis (144-146)	1	2.2	1	1.1	—	—	—	—	4	6.1	4	3	
Hernia, intestinal obstruction (147-150)	2	8.7	2	1.1	—	—	—	—	5	7.6	4	1	
Other diseases of the digestive system (151-154)	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of the genito-urinary system (155-158)	—	—	—	—	—	—	—	—	17	25.8	11	16	
Urinary tract infections (159-161)	11	47.7	12	1.1	3	24.6	3	—	19	89.1	43	—	
Other renal and urologic diseases (162-165)	3	13.0	3	1.1	1	8.2	1	—	8	12.2	6	2	
Other diseases of the genito-urinary system (166-169)	6	26.0	6	2.1	2	16.0	2	—	16	26.3	13	5	
Other defined and unknown (170-199, 200)	—	—	—	—	—	—	—	—	57	56.2	29	8	
III defined and unknown (199-200)	—	—	—	—	—	—	—	—	5	7.6	5	5	

See notes on Table I

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1947—Continued

Estimated population, July 1, 1947	Total	White	Black	Total		White	Black	Total		White	Black	Total		White	Black
				No.	Rate	No.	No.	No.	Rate	No.	No.	No.	No.	No.	No.
Live Births*	292	22.2	296	10	269	19.8	241	21	7	442	21.4	317	69	39	683
Physician in hospital	292	22.2	296	10	269	19.8	241	21	7	442	21.4	317	69	39	683
Physician or other or unknown	75	65	192	10	83	13.5	13	6	1	245	22.4	28	57	36	57
Stillbirths <sup>†</sup>	3	10.3	3	10	10	13.3	1	1	2	24	25	25	10	10	10
Physician in hospital	2	1	2	1	1	1	1	1	1	1	1	3	16	16	16
Midwife, other or unknown	1	1	2	1	2	1	1	1	1	2	1	3	16	16	16
Total deaths, all causes <sup>‡</sup>	124	9.4	114	4	6	1.6	102	22	2	180	8.7	110	46	24	24
Deaths under 1 year <sup>§</sup>	7	24.0	1	1	1	1	1	1	1	22	24	54.3	15	4	25
Deaths under 1 month <sup>¶</sup>	5	17.1	4	4	4	12.9	6	22	2	12	24	29.4	11	11	11
Typhoid fever <sup>**</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Typhus fever <sup>**</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tuberculosis <sup>**</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tuberculous meningitis <sup>**</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sore throat <sup>**</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Throbbing cough <sup>**</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Diphtheria <sup>**</sup>	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tetanus <sup>**</sup>	121	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Influenza <sup>**</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Smallpox <sup>**</sup>	34	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Measles <sup>**</sup>	155	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Poliomyelitis <sup>**</sup>	361	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Acute poliomyelitis and acute paralytic poliomyelitis <sup>**</sup>	361	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Other infectious and parasitic diseases <sup>**</sup>	34	7.1	25	26	29	1	7.6	1	1	19	10.0	19	1	1	1
31-32	38	3.8	39	40	44	1	13.1	1	1	13	6.0	10	1	1	1
Cancer <sup>**</sup>	45	35	39	39	40	1	20	1	1	13	6.8	10	1	1	1
Other tumor <sup>**</sup>	56	57	58	58	59	1	1	1	1	4.8	1	4	1	1	1
Acute rheumatic fever <sup>**</sup>	58	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Diabetes mellitus <sup>**</sup>	61	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Other diseases of heart, blood, and bone organs <sup>**</sup>	62	63	64	64	65	1	14.5	2	2	12	58.1	9	3	1	1
Diseases of the arteries <sup>**</sup>	66	67	68	68	69	1	7.4	1	1	1	4.8	1	1	1	1
Diseases of the heart and blood forming organs <sup>**</sup>	72	73	74	74	75	1	22.1	2	1	2	9.7	1	1	1	1
Chronic poisoning and intoxication <sup>**</sup>	76	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Central nervous system <sup>**</sup>	77-79	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Other diseases of the central nervous system <sup>**</sup>	80	81	82	82	83	1	19.0	1	1	19	6.0	12	1	1	1
Obstruction of bronchus and trachea <sup>**</sup>	83	84	85	85	86	1	7.6	1	1	12	58.1	9	3	1	1
Obstruction of bronchi and trachea <sup>**</sup>	87	88	89	89	90	1	7.6	1	1	24.7	2.7	2	9.7	2	1
Diseases of the lungs <sup>**</sup>	91	92	93	93	94	1	25.9	1	1	46	22.8	32	7	7	1
Other diseases of the respiratory system <sup>**</sup>	95	96	97	97	98	1	22.1	1	1	5	1.5	1	1	1	1
Diabetes mellitus <sup>**</sup>	99	100	101	101	102	1	15.2	1	1	14	6.8	14	2	2	1
Other diseases of the respiratory system <sup>**</sup>	103	104	105	105	106	1	19.0	1	1	19	6.0	14	2	2	1
Other diseases of nervous system <sup>**</sup>	107	108	109	109	110	1	19.0	1	1	12	58.1	9	3	1	1
Other diseases of nervous system <sup>**</sup>	111	112	113	113	114	1	19.0	1	1	12	58.1	9	3	1	1
Other diseases of heart, blood, and bone organs <sup>**</sup>	115	116	117	117	118	1	22.9	1	1	14	6.8	14	2	2	1
Diseases of the heart <sup>**</sup>	119	120	121	121	122	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the heart <sup>**</sup>	123	124	125	125	126	1	22.9	1	1	14	6.8	14	2	2	1
Hernia, intestinal obstruction <sup>**</sup>	127	128	129	129	130	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the liver <sup>**</sup>	132	133	134	134	135	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the lung <sup>**</sup>	136	137	138	138	139	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the kidney <sup>**</sup>	141	142	143	143	144	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the bladder <sup>**</sup>	147	148	149	149	150	1	22.9	1	1	14	6.8	14	2	2	1
Appendicitis <sup>**</sup>	151	152	153	153	154	1	22.9	1	1	14	6.8	14	2	2	1
Hernia, intestinal obstruction <sup>**</sup>	155	156	157	157	158	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the liver <sup>**</sup>	161	162	163	163	164	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the lung <sup>**</sup>	165	166	167	167	168	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the kidney <sup>**</sup>	171	172	173	173	174	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the bladder <sup>**</sup>	177	178	179	179	180	1	22.9	1	1	14	6.8	14	2	2	1
Appendicitis <sup>**</sup>	181	182	183	183	184	1	22.9	1	1	14	6.8	14	2	2	1
Hernia, intestinal obstruction <sup>**</sup>	187	188	189	189	190	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the liver <sup>**</sup>	193	194	195	195	196	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the lung <sup>**</sup>	199	200	201	201	202	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the kidney <sup>**</sup>	205	206	207	207	208	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the bladder <sup>**</sup>	211	212	213	213	214	1	22.9	1	1	14	6.8	14	2	2	1
Appendicitis <sup>**</sup>	217	218	219	219	220	1	22.9	1	1	14	6.8	14	2	2	1
Hernia, intestinal obstruction <sup>**</sup>	224	225	226	226	227	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the liver <sup>**</sup>	230	231	232	232	233	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the lung <sup>**</sup>	237	238	239	239	240	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the kidney <sup>**</sup>	244	245	246	246	247	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the bladder <sup>**</sup>	251	252	253	253	254	1	22.9	1	1	14	6.8	14	2	2	1
Appendicitis <sup>**</sup>	257	258	259	259	260	1	22.9	1	1	14	6.8	14	2	2	1
Hernia, intestinal obstruction <sup>**</sup>	264	265	266	266	267	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the liver <sup>**</sup>	271	272	273	273	274	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the lung <sup>**</sup>	278	279	280	280	281	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the kidney <sup>**</sup>	285	286	287	287	288	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the bladder <sup>**</sup>	294	295	296	296	297	1	22.9	1	1	14	6.8	14	2	2	1
Appendicitis <sup>**</sup>	301	302	303	303	304	1	22.9	1	1	14	6.8	14	2	2	1
Hernia, intestinal obstruction <sup>**</sup>	308	309	310	310	311	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the liver <sup>**</sup>	315	316	317	317	318	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the lung <sup>**</sup>	322	323	324	324	325	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the kidney <sup>**</sup>	331	332	333	333	334	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the bladder <sup>**</sup>	340	341	342	342	343	1	22.9	1	1	14	6.8	14	2	2	1
Appendicitis <sup>**</sup>	348	349	350	350	351	1	22.9	1	1	14	6.8	14	2	2	1
Hernia, intestinal obstruction <sup>**</sup>	355	356	357	357	358	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the liver <sup>**</sup>	362	363	364	364	365	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the lung <sup>**</sup>	371	372	373	373	374	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the kidney <sup>**</sup>	380	381	382	382	383	1	22.9	1	1	14	6.8	14	2	2	1
Other diseases of the bladder <sup>**</sup>	389	390	391	391	392	1	22.9	1	1	14	6.8	14	2	2	1
Appendicitis <sup>**</sup>	398														

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

BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1947—Continued

Estimated population, July 1, 1947	OKLAHOMA						PITTSBURGH						DETROIT						PORTSMOUTH													
	Total	White	Black	Total	White	Black	Total	White	Black	Total	White	Black	Total	White	Black	Total	White	Black	Total	White	Black	Total	White	Black								
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.									
Live Births*	35,798	30,292	5,506	26,3	2,926	—	17	304	20,7	269	11	24	110	30,5	169	31	10	21,9	970	38	31	841	25,5	721	24	26	1,063	22,4	1004	29	20	
Physician in hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Physician in home	943	872	71	677	655	—	16	293	—	227	4	22	1012	983	21	8	20	1,753	—	—	—	977	—	—	—	966	—	—	—	900	—	—
Midwife, other, or unknown	269	26	3	268	—	—	1	48	—	42	5	1	89	—	—	5	4	—	—	—	—	—	—	—	—	—	—	—	—	—		
Silhithis	22	13	9	23,3	21	—	1	6	—	2	2	1	23	20,7	23	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Physician in home	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Midwife, other, or unknown	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Deaths under 1 year	351	315	36	25	26,5	24	1	16	10,1	17	6	6	21	21	17	6	—	—	—	—	—	—	—	—	—	—	—	—	—			
Deaths under 1 month	24	14,8	9,2	24	5,6	—	3	9,9	—	3	3	1	20,7	17	17	6	—	—	—	—	—	—	—	—	—	—	—	—	—			
Typhoid, paratyphoid fever	1,2	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Urticaria	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Meningococcus meningitis	6	1	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Scarlet fever	8	1	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Measles	9	1	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Pneumonia	10	1	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Tuberculosis, all forms	13	12	1	12	11	1	1	12	11	1	1	1	12	11	1	1	1	12	11	1	1	1	1	1	1	1	1	1				
Respiratory system	13	12	1	12	11	1	1	12	11	1	1	1	12	11	1	1	1	12	11	1	1	1	1	1	1	1	1	1				
Dysentery	27	48	20	48	134,1	46	128,5	46	130,4	2	1	1	12	11	6	16,5	6	16,5	6	16,5	6	16,5	6	16,5	6	16,5	6	16,5				
Malaria	28	1	27	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	30	1	29	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Scarlet fever	31	1	30	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	32	1	31	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	33	1	32	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	34	1	33	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	35	1	34	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	36	1	35	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	37	1	36	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	38	1	37	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	39	1	38	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	40	1	39	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	41	1	40	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	42	1	41	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	43	1	42	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	44	1	43	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	45	1	44	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	46	1	45	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	47	1	46	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	48	1	47	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	49	1	48	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	50	1	49	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	51	1	50	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	52	1	51	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	53	1	52	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	54	1	53	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	55	1	54	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	56	1	55	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	57	1	56	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	58	1	57	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	59	1	60	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	60	1	61	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	61	1	62	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	62	1	63	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	63	1	64	1	2,8	1	1	2,8	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Measles	64	1	65	1	2,8	1	1	2,8	1	1	1	1</																				

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE  
BY COUNTY, AND NUMBER BY COUNTY AND RACE, OREGON, 1947 - Continued

Estimated population, July 1, 1947	Total			RESIDENTIAL			NONRESIDENTIAL			TOTAL			RACES		
	No.	Rate	No.	No.	No.	Ind.	No.	No.	No.	No.	Ind.	No.	No.	Ind.	
Live Births*	260	38.5	226	10	24	162	194	153	9	441	204	438	8	15	
Physician in hospital	164	33.3	153	3	15	14	167	14	9	344	386	7	15		
Physician in home	14	2.7	14	6	2	12.5	13	9	93	115	14	21.2	11		
Midwife, other, or unknown	2	4.4	2	2	2	2.5	2	2	4	2	4	2.2	1		
Total deaths, all causes*	85	6.1	74	4	7	55	6.6	52	2	198	9.2	188	5	4	
Deaths under 1 year	8	30.8	7	1	1	6.2	1	14	31.7	14	20.4	9	1		
Typhoid, paratyphoid fevers (1,2)	5	19.2	4	1	1	6.2	1	1	9	—	—	—	—		
Unbilious fever (5)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Unbilious meningitis (6)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Saint-Vincent's fever (6)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Scarlet fever (8)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Scarlet fever, convalescent	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diphtheria (10)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Tetanus (12)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Tuberculosis, all forms (13-22)	3	21.4	2	2	2	4.7	8	4	10	46.3	8	1	2		
Hilaradenitis (26)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Pneumonia (27)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Pneumonia, acute (28)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Pneumonia, chronic (29)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Pharyngitis (30)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Pharyngitis, acute (31)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Pharyngitis, chronic (32)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Measles (33)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Measles, acute (34)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Measles, chronic (35)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Poliomyelitis and acute poliomyelitis, acute (36)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Acute infectious encephalitis (37)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Rocky Mountain spotted fever (38)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Rocky Mountain spotted fever, acute (39)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Malaria (28)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Measles (30)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Measles, acute (31)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Measles, chronic (32)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Measles, acute and chronic (33)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Kidney colic (34)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Kidney colic and acute poliomyelitis (35)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Acute infectious encephalitis (36)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Acute infectious encephalitis, acute (37)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Rocky Mountain spotted fever (38)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other infectious diseases of the blood and blood-forming organs (40-46)	1	7.1	2	1	1	4.6	1	1	38	10.6	37	1	1		
Other tumors (47-55)	12	85.6	11	3	4	47.8	4	1	38	4.6	36	3	1		
Other, rheumatic fever (56-57)	7	7.1	1	1	1	—	—	—	—	—	—	—	—		
Diabetes mellitus (61)	1	7.1	1	2	2	23.9	2	1	2	9.3	2	1	1		
Pellagra (69)	1	7.1	1	1	1	—	—	—	—	—	—	—	—		
Other diseases of nutrition, endocrinology, & metabolism (70-72)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus (73-75)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute (76-77)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, chronic (78-79)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (80-81)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (82-83)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (84-85)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (86-87)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (88-89)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (90-91)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (92-93)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (94-95)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (96-97)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (98-99)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (100-101)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (102-103)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (104-105)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (106-107)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (108-109)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes mellitus, acute and chronic (110-111)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diarrhea, enteritis over 2 yrs. (112-113)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diarrhea, enteritis over 2 yrs. (114-115)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diarrhea, intestinal obstruction (112)	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other diseases of the digestive system (116-120)	1	7.1	1	1	1	12.0	1	1	10	46.3	10	1	1		
Systemic lupus erythematosus (121-122)	1	7.1	1	1	1	12.0	1	1	10	46.3	10	1	1		
Other diseases of the genito-urinary system (123-127)	3	21.4	2	1	1	12.0	1	1	13.9	3	1	1	1		
Urinary system (128-132)	4	28.5	4	2	2	23.9	2	2	6	29.8	4	2	2		
Urinary system (133-137)	4	28.4	4	2	2	23.9	2	2	9.3	2	1	1	1		
Urinary system (138-142)	1	3.8	1	1	1	—	—	—	—	—	—	—	—		
Urinary system (143-147)	1	3.8	1	1	1	—	—	—	—	—	—	—	—		
Urinary system (148-152)	1	3.8	1	1	1	—	—	—	—	—	—	—	—		
Urinary system (153-157)	1	7.1	1	1	1	12.0	1	1	13.9	3	2	1	1		
Urinary system (158-162)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (163-167)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (168-172)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (173-177)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (178-182)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (183-187)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (188-192)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (193-197)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (198-202)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (203-207)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (208-212)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (213-217)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (218-222)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (223-227)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (228-232)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (233-237)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (238-242)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (243-247)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (248-252)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (253-257)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (258-262)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (263-267)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (268-272)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (273-277)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (278-282)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (283-287)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (288-292)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (293-297)	1	7.1	1	1	1	12.0	1	1	12.0	3	2	1	1		
Urinary system (298-302)	1	7.1	1	1	1	12.0									

TABLE V.  
RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE  
BY COUNTY, AND NUMBER BY COUNTY AND RACE OKLAHOMA 1917 - Continued

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE  
BY GENDER AND NUMBER OF CONCERN AND PLACE OF OCCURRENCE, 1917

See notes on Table II

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER, BY COUNTY AND STATE, OKLAHOMA, 1947 - Continued

Estimated population, July 1, 1947	Total				WOODWARD			
	No.	Rate	No.	No.	No.	Rate	No.	No.
Live Births	369	26.8	369	-	342	21.1	342	-
Physician in hospital	359	33.0	359	-	330	21.1	330	-
Physician in home or unknown	10	33.0	10	-	11	33.0	11	-
Midwife, other, or unknown	8	21.7	8	-	1	1.4	1	-
Physician in hospital	8	21.7	8	-	1	1.4	1	-
Midwife, other, or unknown	8	21.7	8	-	1	1.4	1	-
Total deaths, all causes*	160	11.6	159	2	225	13.9	235	-
Deaths under 1 year	13	35.2	13	-	18	52.6	18	-
Deaths under 1 month	8	21.7	8	-	6	17.5	6	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-
Malaria, vivax (1,2)	6	-	-	-	-	-	-	-
Scarlet fever (6)	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-
Diphtheria (10)	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	2	14.5	2	-	2	12.3	2	-
Respiratory system (13)	-	-	-	-	-	-	-	-
Hansen's disease (23)	-	-	-	-	-	-	-	-
Pneumonia (27)	1	7.2	1	-	1	1.1	1	-
Measles (28)	-	-	-	-	-	-	-	-
Smallpox (32)	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-
Acute poliomyelitis and aseptic meningitis (36)	-	-	-	-	-	-	-	-
Other infections of the nervous system (39)	-	-	-	-	-	-	-	-
Other infections and parasitic diseases (41)	-	-	-	-	-	-	-	-
Diseases of the blood and blood-forming organs (72-76)	31-32	38.3	39.4	30.6	39.4	40.4	38.3	-
Cancer (45-55)*	16	16.4	16	-	13	80.1	13	-
Other tumors (56-71)	1	7.3	1	-	-	-	-	-
Arthritis, rheumatic fever (58)	5	36.4	5	-	2	12.3	2	-
Diabetes mellitus (61)	-	-	-	-	-	-	-	-
Bladder (62)	-	-	-	-	-	-	-	-
Obstruction of the bladder and urination troubles (69-70)	-	-	-	-	-	-	-	-
Diseases of the blood and blood-forming organs (72-76)	31-32	38.3	39.4	30.6	39.4	40.4	38.3	-
Cancer (45-55)*	16	16.4	16	-	13	80.1	13	-
Other tumors (56-71)	1	7.3	1	-	-	-	-	-
Arthritis, rheumatic fever (58)	5	36.4	5	-	2	12.3	2	-
Diabetes mellitus (61)	-	-	-	-	-	-	-	-
Bladder (62)	-	-	-	-	-	-	-	-
Obstruction of the bladder and urination troubles (69-70)	-	-	-	-	-	-	-	-
Diseases of the heart (90-95)	48	349.2	48	1	1	6.2	1	-
Diseases of the arteries (96-99)	48	349.2	48	1	1	6.2	1	-
Other diseases of the circulatory system (100-103)	2	14.5	2	-	12	74.0	12	-
General hemoptysis, embolism, etc. (104-107)	16	126.4	16	-	12	74.0	12	-
Other diseases of the respiratory system (108-111)	16	126.4	16	-	12	74.0	12	-
Other diseases of the digestive system (112-115)	1	7.3	1	-	-	-	-	-
Biliary & enteritis over 2 yrs. (119)	1	7.3	1	-	-	-	-	-
Appendicitis (121)	1	7.3	1	-	2	12.3	2	-
Hernia, intestinal obstruction (122)	1	7.3	1	-	1	6.2	1	-
Gastritis of the liver (124)	1	7.3	1	-	1	6.2	1	-
Other diseases of the liver (125-126)	18	291.9	18	12.3	12	12.3	12	-
Other diseases of the liver (127-129)	18	291.9	18	12.3	12	12.3	12	-
Other diseases of the liver (130-132)	18	291.9	18	12.3	12	12.3	12	-
Other diseases of the liver (133-135)	2	14.5	2	1	6.2	1	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150)	-	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147)	-	-	-	-	-	-	-	-
Congenital malformations, diseases percutaneous first year of life (157-161)	10	72.7	10	7	43.1	7	-	-
Schistosomiasis (162)	1	24.5	1	1	30.8	5	-	-
Schistosomiasis (163-166)	1	24.5	1	1	6.2	1	-	-
Other vehicle accidents (167-170)	3	21.8	3	1	21.8	8	-	-
Other accidents (171-175)	15	109.1	15	4	26.7	4	-	-
Other defined causes (59, 151-156)	-	-	-	-	-	-	-	-
Other undefined and unknown (199,200)	-	-	-	-	-	-	-	-

See notes on Table I

TABLE VI. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE FOR OKLAHOMA CITY AND TULSA, 1947

Estimated population, July 1, 1947	OKLAHOMA CITY				TULSA			
	No.	Rate	No.	No.	No.	Rate	No.	No.
Live Births*	5405	22.9	4378	565	41	3976	23.6	3562
Physician in hospital	5351	22.9	4810	501	40	3782	28.6	3747
Physician in home or unknown	126	***	62	63	1	129	***	50
Midwife, other, or unknown	10	***	1	1	1	1	1	1
Physician in hospital	100	***	84	34	3	93	35	44
Physician in home or unknown	7	***	1	1	1	9	***	5
Midwife, other, or unknown	2	***	1	1	1	4	***	1
Total deaths, all causes*	1765	7.4	1540	21.7	8	1359	8.1	1184
Deaths under 1 year	181	33.0	152	27	2	120	30.2	166
Deaths under 1 month	143	26.1	121	21	1	97	24.4	99
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-
Hansen's disease (23)	-	-	-	-	-	-	-	-
Pneumonia (27)	-	-	-	-	-	-	-	-
Measles (28)	-	-	-	-	-	-	-	-
Smallpox (32)	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-
Acute poliomyelitis and aseptic meningitis (36)	-	-	-	-	-	-	-	-
Other infections of the nervous system (39)	-	-	-	-	-	-	-	-
Other infections and parasitic diseases (41)	-	-	-	-	-	-	-	-
Diseases of the blood and blood-forming organs (72-76)	31-32	38.3	39.4	30.6	39.4	40.4	38.3	-
Cancer (45-55)*	16	16.4	16	-	13	80.1	13	-
Other tumors (56-71)	1	7.3	1	-	-	-	-	-
Arthritis, rheumatic fever (58)	5	36.4	5	-	2	12.3	2	-
Diabetes mellitus (61)	-	-	-	-	-	-	-	-
Bladder (62)	-	-	-	-	-	-	-	-
Obstruction of the bladder and urination troubles (69-70)	-	-	-	-	-	-	-	-
Diseases of the heart (90-95)	48	349.2	48	1	1	6.2	1	-
Diseases of the arteries (96-99)	48	349.2	48	1	1	6.2	1	-
Other diseases of the circulatory system (100-103)	2	14.5	2	-	-	-	-	-
General hemoptysis, embolism, etc. (104-107)	16	126.4	16	-	12	74.0	12	-
Other diseases of the respiratory system (108-111)	16	126.4	16	-	12	74.0	12	-
Other diseases of the digestive system (112-115)	1	7.3	1	-	-	-	-	-
Biliary & enteritis over 2 yrs. (119)	1	7.3	1	-	-	-	-	-
Appendicitis (121)	1	7.3	1	-	2	12.3	2	-
Hernia, intestinal obstruction (122)	1	7.3	1	-	1	6.2	1	-
Gastritis of the liver (124)	1	7.3	1	-	1	6.2	1	-
Other diseases of the liver (125-129)	27	18.5	27	11.3	26	15	8.9	13
Biliary & enteritis over 2 yrs. (120)	1	7.3	1	-	1	6.2	1	-
Appendicitis (121)	1	7.3	1	-	1	6.2	1	-
Hernia, intestinal obstruction (122)	1	7.3	1	-	1	6.2	1	-
Gastritis of the liver (124)	1	7.3	1	-	1	6.2	1	-
Other diseases of the liver (125-129)	35	14.6	35	10.0	30	15	8.0	29
Other diseases of the liver (130-132)	69	28.8	69	30.3	51	20.3	35	16
Other diseases of the liver (133-135)	25	10.4	25	4.2	12	7.1	10	2
Diseases of pregnancy, childbirth, and the puerperium (140-150)	-	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147)	-	-	-	-	-	-	-	-
Congenital malformations, diseases percutaneous first year of life (157-161)	145	60.6	126	18	1	89	52.9	81
Schistosomiasis (162)	29	12.1	27	2	10	5.9	8.2	2
Schistosomiasis (163-166)	29	12.1	27	2	10	5.9	8.2	2
Other vehicle accidents (167-170)	44	18.4	43	8.0	11	11.3	18	1
Other accidents (171-175)	74	30.9	65	8.1	20	17.2	27	10
Other defined causes (59, 151-156)	4	7.9	4	1.4	22	5.0	5	7
Other undefined and unknown (199,200)	5	7	5	1.3	22	5.0	5	7

See notes on Table I

TABLE VII. DEATHS FROM ACCIDENTAL CAUSES BY TYPE OF ACCIDENT, BY COUNTY OF OCCURRENCE OF ACCIDENT, OKLAHOMA, 1947

County	Total		Type of Accident									
	Number	Rate*	Motor Vehicle	Air Transportation	Other Transportation	Poisonings (Except Gas)	Poisonous Gases	Conflagration & Burns	Drowning	Firearms	Falls	All Other Accidents
ENTIRE STATE	1,577	68.2	520	54	39	27	25	126	88	51	277	370
Adair . . . . .	12	74.8	7	-	2	-	-	1	1	-	-	1
Alfalfa . . . . .	10	77.5	-	2	1	-	-	-	1	-	2	4
Atoka . . . . .	10	64.2	3	2	-	-	-	-	1	2	-	2
Beaver. . . . .	7	83.4	3	-	-	-	-	-	1	-	1	2
Beckham . . . . .	24	118.0	17	-	-	-	1	2	-	-	1	3
Blaine . . . . .	17	94.4	7	1	1	-	-	-	-	-	4	4
Bryan . . . . .	15	44.0	5	-	3	-	-	-	2	1	1	3
Caddo . . . . .	22	55.3	9	-	1	-	-	2	3	1	3	3
Canadian . . . . .	14	48.4	5	1	-	-	-	4	-	-	1	3
Carter. . . . .	40	100.8	18	1	1	-	1	3	2	2	6	6
Cherokee . . . . .	8	39.5	3	-	-	-	-	1	-	-	1	3
Choctaw . . . . .	13	53.8	4	1	1	-	-	2	-	-	-	5
Cimarron . . . . .	3	65.9	2	-	-	-	-	-	-	-	-	1
Cleveland . . . . .	21	73.5	5	2	-	-	-	4	1	1	6	2
Coal. . . . .	2	21.7	1	-	-	-	-	-	1	-	-	-
Comanche . . . . .	22	40.8	9	2	-	1	-	2	1	1	3	3
Cotton. . . . .	8	68.4	6	-	-	-	-	-	-	-	1	1
Craig . . . . .	18	89.9	4	-	1	-	1	4	-	2	4	2
Creek . . . . .	38	88.7	17	-	-	-	2	-	3	2	3	6
Custer. . . . .	18	76.1	10	-	-	-	-	1	4	1	1	1
Delaware . . . . .	11	68.9	2	-	-	-	-	-	1	2	1	4
Dewey . . . . .	15	136.9	3	-	-	-	-	-	1	1	3	7
Ellis . . . . .	8	103.7	1	-	-	1	-	-	-	-	6	-
Garfield . . . . .	22	45.0	4	-	1	-	-	2	1	-	9	5
Garvin. . . . .	14	48.1	8	1	-	-	1	-	1	-	-	1
Grady . . . . .	32	81.4	14	6	-	-	-	2	-	-	4	6
Grant . . . . .	14	119.2	6	-	-	-	-	-	1	1	-	-
Greer . . . . .	8	61.8	5	-	-	-	-	-	-	-	1	2
Harmon. . . . .	3	30.9	-	-	-	-	-	-	-	-	-	-
Harper. . . . .	7	113.7	3	-	-	-	-	-	1	-	2	1
Maskell . . . . .	6	42.8	2	-	-	-	-	-	-	-	2	1
Hughes. . . . .	14	56.9	1	-	1	-	-	-	-	-	7	4
Jackson . . . . .	11	52.2	9	-	-	-	-	-	-	-	1	1
Jefferson . . . . .	11	82.2	7	-	-	-	-	-	-	-	2	1
Johnston. . . . .	2	16.5	1	-	-	-	-	-	-	-	-	1
Kay . . . . .	36	72.9	10	1	1	-	-	1	7	4	1	6
Kingfisher. . . . .	14	94.1	6	-	-	-	-	1	3	-	-	-
Kiowa . . . . .	14	62.1	7	-	3	-	1	-	-	-	1	2
Latimer . . . . .	1	10.0	-	-	-	-	-	-	-	-	-	-
LeFlore . . . . .	31	73.5	4	-	-	-	1	1	4	2	4	11
Lincoln . . . . .	22	91.7	5	-	-	-	-	-	2	1	5	5
Logan . . . . .	15	59.5	2	-	-	-	-	-	-	1	8	2
Love. . . . .	6	68.0	2	2	-	-	-	-	-	-	1	-
McClain . . . . .	10	55.5	5	-	-	-	-	-	-	-	2	2
McCurtain . . . . .	10	28.8	5	-	-	-	-	-	-	-	-	-
McIntosh. . . . .	12	61.8	3	-	1	-	1	-	3	1	2	2
Major . . . . .	3	25.4	1	-	-	-	1	-	-	-	-	1
Marshall. . . . .	4	42.5	-	-	-	-	-	-	1	2	-	1
Mayes . . . . .	13	56.4	7	-	-	-	-	-	-	-	3	1
Murray. . . . .	16	131.1	7	-	2	-	2	-	-	2	-	9
Muskogee. . . . .	56	85.1	21	-	1	-	2	-	6	3	11	9
Noble . . . . .	7	53.1	3	-	-	-	-	-	1	1	-	2
Nowata. . . . .	8	58.9	3	-	-	-	-	-	2	1	-	5
Oklfuskee. . . . .	14	67.8	5	-	-	-	1	-	2	-	34	23
Oklahoma. . . . .	161	50.5	59	5	4	4	6	4	3	4	3	7
Omulgee. . . . .	29	66.0	9	-	1	-	-	1	3	4	2	2
Osage . . . . .	10	28.6	5	-	-	-	-	-	-	-	8	2
Ottawa. . . . .	27	75.4	4	-	-	-	1	2	-	1	2	8
Pawnee. . . . .	14	95.2	2	4	-	1	-	-	-	-	11	4
Payne . . . . .	29	79.7	4	2	-	1	-	-	-	-	5	7
Pittsburg . . . . .	26	55.4	7	2	-	-	-	-	-	1	1	1
Pontotoc. . . . .	19	57.7	5	4	-	2	-	1	3	1	2	1
Pottawatomie. . . . .	24	50.6	8	-	1	-	2	3	1	1	-	2
Pushmataha. . . . .	5	35.7	1	-	-	-	-	-	-	-	1	3
Roger Mills . . . . .	6	71.7	2	-	-	-	-	-	-	-	-	4
Rogers. . . . .	26	120.4	12	1	1	-	1	-	4	1	-	7
Seminole. . . . .	30	66.3	7	4	-	2	-	1	2	1	3	5
Sequoyah. . . . .	9	37.8	2	-	-	-	-	-	-	2	-	1
Stephens. . . . .	21	69.0	11	-	-	-	-	-	3	-	2	4
Texas . . . . .	20	159.0	14	-	-	-	-	1	-	2	-	5
Tillman . . . . .	11	55.0	1	2	-	-	-	-	-	1	-	3
Tulsa . . . . .	130	55.3	39	7	1	3	3	3	17	1	6	22
Wagoner . . . . .	15	73.7	7	-	1	-	-	-	-	1	-	3
Washington. . . . .	27	86.8	9	-	-	-	-	-	2	1	11	3
Washita . . . . .	16	81.4	7	-	-	-	-	-	-	1	5	2
Woods . . . . .	15	109.1	2	-	1	-	-	-	-	2	-	1
Woodward. . . . .	115	708.7	6	1	2	-	-	-	-	-	1	102

\* Number per 100,000 estimated population