PUBLIC HEALTH STATISTICS

STATE OF

OKLAHOMA

1945

PART II

BIRTHS AND DEATHS

Oklahoma State Health Department
Oklahoma City, Oklahoma

G. F. MATHEWS, M. D., Commissioner

TABLE OF CONTENTS

Public Health Statistics of Oklahoma

Births and Deaths

1945

This 1945 edition of Public Health Statistics of Oklahoma - Part II, Births and Deaths - is the third annual publication in bulletin form of Oklahoma birth, stillbirth, and death statistics. For the calendar year 1945, tables are given showing births, stillbirths, total deaths, infant deaths, and neonatal deaths by place of occurrence for the State and for each county. More detailed tables by place of residence for the State, for each county, and for Oklahoma City and Tulsa give live birth and stillbirth data classified by race, attendant and place of delivery, and give total death, infant and neonatal death, and cause of death data classified by race. Other tables for the State show deaths from selected causes by age at death; deaths from selected causes by sex and race; the principal causes of death by race; and accidental deaths by place of occurrence. Additional tables appear under the various topics covered in the discussion of the 1945 data. Tabulations in somewhat greater detail are on file in manuscript form at the State Department of Health, and data beyond those given in this bulletin are furnished upon request whenever possible.

Oklahoma's natality and mortality experience during the years 1928 through 1945 is shown in summary form in Table A. The figures for the years 1928 through 1936 were compiled from the United States Bureau of the Census reports and are by place of occurrence; figures for later years were compiled from State Department of Health records allocated to place of residence. Rates for all years prior to 1940 have been worked

on population estimates based on the 1920,1930, and 1940 enumerated populations.

Population

Wartime population shifts disrupted the population trends expected on the basis of the 1930 and 1940 census enumerations. Estimates for the wartime years 1940-1944 were based on the 1940 census and Ration Book No. IV registration, the latter of which excluded military personnel. For 1945 another method of estimating populations was used which was based on a joint consideration of the change between the 1930 and 1940 census enumerations and the ration book registrations, yet did not involve exclusion of military personnel now returning to civilian status. In general the changes observed in each county between the two census periods were projected into the 1940's. For eighteen counties, however, in which the census figures showed a decreasing population but the ration book registration indicated that the population was no longer decreasing at such a rate the estimate was held to the 1940 census figure. Likewise, for twelve counties in which the population increased between 1930 and 1940 but in which the ration book registration indicated that the population was no longer increasing at such a rate, the estimate was held constant at the census figure. In Oklahoma and Tulsa Counties where it was apparent that the 1930 to 1940 increase actually has been accelerated since 1940, the projected estimates have been scaled upwards. Because the 1945 estimate for the State as a whole is appreciably larger than that used for 1944 this factor must be taken into account in interpreting rates.

Residence Allocation

Data for tables included in this bulletin were compiled from original birth and death certificates filed with the Bureau of Vital Statistics of the Oklahoma State Department of Health and from copies of certificates for Oklahoma residents received from other states by reciprocal interchange through the United States Bureau of the Census. Through this voluntary exchange of copies of certificates among states, it is possible to allocate births to the usual residence of the mother and deaths to the usual place of residence of the decedent. Allocation from county to county within the State is also made on the basis of usual residence. Table 1 shows the number of non-resident birth and death certificates which were excluded from residence tables and the number of resident transcripts which were included in these tables.

Table 1

Residence Allocation, Oklahoma, 1945

	Non-resident Certificates Excluded	Resident Transcripts Included
Births	1,141	1,143
Deaths	508	652

Tables by residence, therefore, include births and deaths of residents occurring in other states and exclude non-residents who are in Oklahoma at the time of birth or death. Rates computed from these figures, since they reflect conditions of natality and mortality within the resident population, are believed to be of greater value and meaning than

rates based on recorded data. However, since recorded figures reflect the volume of births and deaths occurring in any particular area and may be needed for other purposes, Table B has been included showing births, stillbirths, deaths, infant deaths,and neonatal deaths by county of occurrence.

For tabulating purposes,individuals who have lived within the State or a specified county for as long as one year are considered as residents of that locality. Deaths of non-resident military personnel have been excluded, but deaths of Oklahoma service men occurring within the United States have been included. In the general tables of this report accidental deaths are tabulated by place of residence, but a special table has been included, Table VII, showing these deaths by place of accident.

Births and Stillbirths

Live Births - The number of resident live births occurring in 1945 was 43,405 which was considerably smaller than the number taking place in 1944 (46,885) and was the smallest number since 1939 when 42,760 occurred. These 43,405 births gave a 1945 birth rate of 18.2 per 1,000 estimated population. For the white population alone the birth rate was 18.2; for Negroes, 17.5; and for Indians, 22.4.

Of the resident live births, 71.9 per cent took place in hospitals as compared with 67.4 per cent in 1944. An additional 24.7 per cent were delivered by physicians in homes, and the remainder by midwives, other persons, or persons unknown. Table 2 shows the attendant and place of delivery for births by race in 1945. In all, 96.6 per cent of the 1945

live births were attended by physicians which was about the same proportion as that of 1944, 96.2 per cent. The proportions of deliveries in

Table 2

Attendance at Birth by Race, Oklahoma, 1945

Attendance at Birth	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total	43,405	100.0	39,065	100.0	3,056	100.0	1,284	100.0
Physician in hospital	31,194	71.9	29,408	75.3	838	27.4	948	73.8
Physician in home	10,729	24.7	9,184	23.5	1,341	43.9	204	15.9
Midwife and other	1,482	3.4	473	1.2	877	28.7	132	10.3

hospitals among the white and Indian births, 75.3 per cent and 73.8 per cent, respectively, were about the same while that among Negro births was much lower, 27.4 per cent. Likewise, the proportion of Negro births attended by physicians, 71.3 per cent, was lower than either Indian,89.7 per cent, or white, 98.8 per cent.

Of births occurring to mothers resident of urban areas (2,500 or more population), 86.4 per cent were in hospitals, while of those occur-

Table 3

Percentages of Births Delivered in Hospitals and by Physicians, by Urban or Rural Residence of Mother, by Race, Oklahoma, 1945

Attendance at Birth	Total		White		Negro		Indian	
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Per cent delivered in hospitals	86.4	57.6	90.4	60.3	41.4	9.6	85.0	70.0
Per cent delivered by physicians	98.3	94.9	99.7	97.9	82.5	57.1	98.5	86.7

ring to residents of rural areas, 57.6 per cent were in hospitals as shown in Table 3. A greater proportion of mothers living in urban areas were attended by physicians than mothers living in rural areas. These differences were true for all three racial groups.

Stillbirths - Oklahoma vital statistics statutes require the registration of a stillbirth on both a birth and death certificate. These certificates are matched in the State Department of Health where it is found that frequently only one of these certificates is filed or that both are filed and the data are inconsistent; also, registration of stillbirths is admittedly incomplete. However, tabulation of available data provides useful figures which are comparable from year to year. The 1,097 stillbirths registered for 1945 gave a stillbirth rate of 25.3 per 1,000 live births which was higher than that for any previous year since 1941 when the rate was 27.6. White stillbirths gave a rate of 23.8 per 1,000 live births; Negro, 41.9; and Indian, 31.9.

Attendance at birth for stillbirths by race for 1945 is shown in Table 4. Of the total resident stillbirths, 66.5 per cent were delivered

Table 4

Stillbirth Attendance by Race, Oklahoma, 1945

Attendance at Birth	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total	1,097	100.0	928	100.0	128	100.0	41	100.1
Physician in hospital	730	66.5	649	69.9	54	42.2	27	65.9
Physician in home	339	30.9	272	29.3	55	43.0	12	29.3
Midwife and other	28	2.6	7	0.8	19	14.8	2	4.9

in hospital and 30.9 per cent in homes by physicians, giving a total of 97.4 per cent attended by physicians. In 1944, 65.5 per cent of all stillbirths were delivered in hospitals and 32.5 per cent more were delivered in homes by physicians.

Deaths

Assignment of the primary cause of death for each death certificate is made according to the Manual of the International List of Causes of Death and Joint Causes of Death, 1938 revision. Proper classification of some death certificates frequently requires information in addition to that given on the certificates. These additional items of information are obtained by sending special queries to the informant or undertaker for missing items of personal particulars and to the attending physician when items in the medical certification need to be clarified, require additional information, or are inconsistent with other information appearing on the certificate.

Total Deaths - The number of resident deaths in 1945 was 18,731, giving a rate of 7.9 deaths per 1,000 estimated population. This represented an increase in the number of deaths over the previous year when 18,438 occurred but gave a lower rate than 1944 because of population increases. However, though the number of deaths increased over the number in 1944, the number was still smaller than that for any other year in the period 1928-1943, and the rate of 7.9 was the lowest to date.

Principal Causes - Two out of every nine deaths in 1945 resulted from heart disease, making this cause of death continue to be far ahead in first place as the leading killer. Cancer claimed the lives of 2,212

persons, slightly more than half as many people as heart disease, and held second place in the numerically important causes of death, a position which cancer has held annually since 1937 except for 1939 and 1943 when it was exceeded by cerebral hemorrhage as a cause of death. In 1945 cerebral hemorrhage ranked third, and accidents, nephritis, congenital malformations and diseases peculiar to the first year of life, pneumonia, and tuberculosis ranked fourth to eighth, respectively, as shown in Table IV on page 30. Because of the predominance of white people in the total state population, the causes of death in the total population reflected the causes of death in the white population. However, the rank of importance of causes of death was different in Negro and Indian populations as also is shown in Table IV. Tuberculosis remained the leading cause of death among Indians, ranked fifth as a cause of death among Negroes and eighth among whites.

Heart Disease - Deaths from heart disease are shown by the six major subdivisions of the group in Table 5 with rates per 100,000

Table 5

Heart Disease Deaths, Oklahoma, 1945

Type of Heart Disease	Deaths	
	Number	Rate *
All heart disease	4,287	179.8
Pericarditis (except acute rheumatic)	10	0.4
Acute endocarditis (except rheumatic)	18	0.8
Chronic affections of the valves and endocardium	415	17.4
Diseases of the myocardium	1,445	60.6
Diseases of the coronary arteries and angina pectoris	1,633	68.5
Other diseases of the heart	766	32.1

* Number per 100,000 population

population for each subdivision. The greatest number of heart disease deaths was caused by diseases of the coronary arteries and angina pectoris, totaling 1,633 deaths, of which 1,528 were reported as due to diseases of the coronary arteries.

Cancer - The number and rate of deaths reported as due to cancer have increased since 1928. In 1945 one out of every 10 deaths was attributed to cancer compared with one out of every 20 deaths in 1928. The growing cancer problem is shown in Chart 1.

Chart 1

Cancer Death Rates
Oklahoma, 1928 - 1945

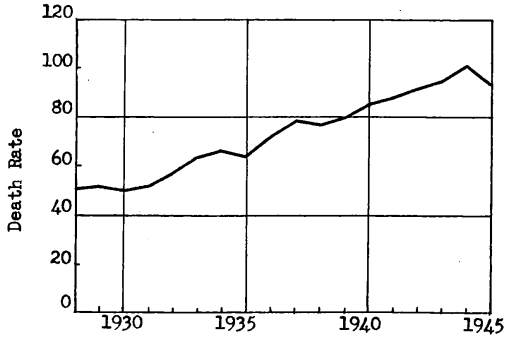


Table 6 gives separately for males and females the primary site of the malignancy as reported for the 2,212 deaths caused by cancer in 1945. The rate per 100,000 population by the primary site of cancer is shown for the total group and for males and females.

Table 6

Cancer Deaths by Primary Site, Number and Rate* by Sex, Oklahoma, 1945

Primary Site	Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
Total cancer deaths	2,212	92.8	1,091	90.5	1,121	95.2
Buccal cavity and pharynx	94	3.9	65	5.4	29	2.5
Digestive organs and peritoneum	980	41.1	562	46.6	418	35.5
Respiratory system	131	5.5	87	7.2	44	3.7
Uterus	267	11.2	-	-	267	22.7
Other female genital organs	47	2.0	-	-	47	4.0
Breast	155	6.5	4	0.3	151	12.8
Male genital organs	158	6.6	158	13.1	-	-
Urinary organs (male and female)	74	3.1	45	3.7	29	2.5
Skin	85	3.6	57	4.7	28	2.4
Brain and other parts of central nervous system	25	1.0	15	1.2	10	0.8
Other and unspecified organs	196	8.2	98	8.1	98	8.3

* Number per 100,000 population

Tuberculosis - The 823 deaths from tuberculosis occurring in 1945 were fewer in number than for any year for which figures are available. These deaths also gave the lowest death rate to date from this cause which was 34.5 per 100,000 estimated population for the total population, 25.7 for whites, 80.7 for Negroes, and 226.3 for Indians. The rates in the non-white races, although decreasing, remained at a higher level than the rate for the white population.

That tuberculosis attacks and kills people at the most productive age levels was brought out by the fact that the disease held second place as a cause of death of people aged 15-44 years, being exceeded in number only by accidents. Proportional mortality from tuberculosis for specific age groups is given in Table 7, which shows a high concentration of tuberculosis deaths in age groups 15-44 years.

Table 7

Deaths and Proportional Mortalities (Per Cent of Deaths from All Causes) for Tuberculosis, by Age, Oklahoma, 1945

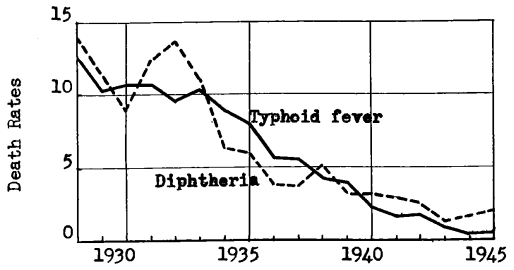
Age in Years	Total Deaths	Tuberculosis Deaths	Proportional Mortality
All Ages	18,731	823	4.4
Under 1	1,727	11	0.6
1 - 4	401	14	3.5
5 - 9	232	2	0.9
10 - 14	207	11	5.3
15 - 24	624	108	17.3
25 - 34	718	123	17.1
35 - 44	1,178	169	14.3
45 - 64	4,463	237	5.3
65 and Over	9,172	147	1.6
Unknown	9	1	...

Acute Communicable Diseases - Twelve deaths were reported as due to typhoid and paratyphoid fevers in 1945 which was an increase in number over 1944 when nine occurred. However, except for 1944, the 1945 deaths from this cause were fewer in number than in any previous year and gave a rate of 0.5 per 100,000 estimated population. Seven of these occurred among the white population and five among the non-white population.

Diphtheria accounted for 51 deaths in 1945, as compared with 33 in 1944, which was the greatest number since 1942, when 54 died from this cause. The death rate of 2.1 per 100,000 estimated population made 1945 the second consecutive year in which an increase in the diphtheria death rate had occurred. In spite of this, the death rates from diphtheria, as well as typhoid fever, have been decreasing since 1928. Chart 2 shows graphically the accomplished reduction in death rates from these two of the preventable diseases. Of the diphtheria deaths, 26 or 51 per cent

Chart 2

Typhoid and Diphtheria Death Rates
Oklahoma, 1928 - 1945



occurred in children under five years of age, 18 or 35.3 per cent in children aged 5-9, and only 7 or 13.7 per cent in children ten years or more in age.

Death rates from whooping cough have varied from year to year, closely paralleling the case rates, with epidemic years yielding the highest death rates. Forty-seven deaths resulted from whooping cough in 1945, giving a rate of 2.0 deaths per 100,000 estimated population,which is approximately the same as that for other non-epidemic years. As was pointed out in the bulletin,Communicable Disease,Part I of Public Health Statistics of Oklahoma, 1945, the case fatality rate in whooping cough was highest in children under one year of age. The ages at death as reported for whooping cough and diphtheria are given in Table 8 together with cumulative percentages by age. For both diseases, the deaths occurring in the two years, 1944 and 1945, were added for the table. For

whooping cough 73.9 per cent of the deaths were under one year of age and 95.5 per cent were under five years of age; and for diphtheria 4.8 per cent were under one year, 57.1 per cent under five years, and 89.3 per cent under ten years of age.

Table 8

Number and Cumulative Per Cent of Deaths from Whooping Cough and Diphtheria by Age, Oklahoma, 1944 - 1945

Age at Death	Whooping Cough		Diphtheria	
	Number	Cumulative Per Cent	Number	Cumulative Per Cent
Under 1 year	65	73.9	4	4.8
1 year	9	84.1	7	13.1
2 years	5	89.8	19	35.7
3 years	4	94.3	14	52.4
4 years	1	95.5	4	57.1
5 - 9 years	1	96.6	27	89.3
10 years and over	3	100.0	9	100.0
Total	88		84	

Malaria was reported as the cause of 19 deaths in 1945 which was the lowest number for any year to date and gave a death rate from this disease of less than one death per 100,000 population.

Only 4 deaths were attributed to measles, giving a rate of 0.2 death per 100,000 population.

Increased incidence of poliomyelitis in 1945 over 1944 was paralleled by an increased number of deaths from this cause in 1945 when 13 deaths occurred, compared with 6 in 1944.

Scarlet fever caused 7 deaths which was the largest number since 1939. Six of these deaths were in children under ten years of age.

One hundred seventy-three people died as a result of syphilis, giving for 1945 a rate from this cause of 7.3 deaths per 100,000 population, the lowest rate recorded to date.

Meningococcus meningitis was responsible for 25 deaths and septic sore throat for 20 deaths.

Dysentery took the lives of 53 people which was a lower number and gave a smaller rate (2.2 per 100,000 population) than that for any other year except 1938 when 27 deaths and a rate of 1.2 were registered.

In addition to these infectious diseases specified individually in the statistical tables, the title "other infectious and parasitic diseases" included 2 deaths from erysipelas, 23 deaths from septicemia, 6 deaths from gonococcus infection, and 22 deaths from Hodgkin's disease.

Accidental Deaths

In the main statistical tables of this bulletin and those issued previously, the deaths from accidental causes have been shown by place of residence of the deceased. In this bulletin, for the first time, a special table is given which shows accidental deaths according to county of occurrence of the accident, and by type of accident, Table VII.

Of the 1,604 deaths resulting from accidents in Oklahoma in 1945, 552 or 34.4 per cent of them were attributed to accidents occurring in the home. The total number of fatalities from home accidents was 28.1 per cent larger than the number of deaths caused by motor vehicle accidents, 431.

The deaths from home accidents are shown as to type in Table 9, where it is noted that falls caused more fatal injuries than any other

type of home accident. Second to falls, which accounted for fatal injuries to 197 persons, came "burns, explosions, and conflagration" which caused fatal injuries to 166 persons.

Table 9

Deaths from Home Accidents Occurring in Oklahoma
by Type of Accident, 1945

Type of Home Accident	Number	Per Cent
All home accidents	552	100.0
Poisoning (gas excepted)	46	8.3
Absorption of poisonous gas	21	3.8
Burns, explosions, conflagration	166	30.1
Mechanical suffocation	22	4.0
Firearms	24	4.3
Falls	197	36.0
Other home accidents	76	13.8

In addition to falls occurring in homes, 42 deaths resulted from injuries sustained from falls occurring in public places, making a total of 239 fatalities resulting from falls. Thus considering the type of accident alone, falls ranked second only to motor vehicle accidents in causing the greatest number of fatal injuries. Eighty-one per cent of the fatalities from falls occurred in persons 65 years of age and over.

Of the 22 deaths occurring in the home from mechanical suffocation, all but one were of infants less than one year of age.

Cyclones and tornadoes in 1945 were responsible for fatal injuries to 97 people; that occurring in Pushmataha County in the Spring took the largest toll of life.

Maternal Deaths

Diseases and conditions of pregnancy, childbirth, and the puerperium were responsible for 99 deaths in 1945, giving a maternal death rate of 2.3 deaths per 1,000 live births. Both the number and rate set a new low record for deaths from maternal causes in Oklahoma. Of these deaths 36 or 36.4 per cent were reported as due to septic conditions as compared with 31.3 per cent due to infection in 1944. The number and rate of maternal deaths by each cause are shown for each race in Table 10.

Table 10

Maternal Deaths by Cause, by Race, Number and Rate*, Oklahoma, 1945

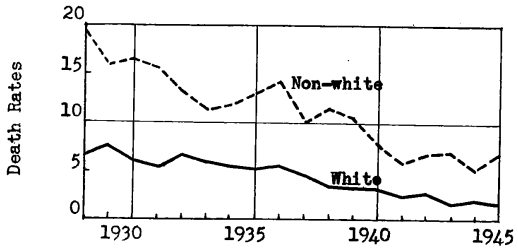
Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All maternal causes (140-150)	99	2.3	69	1.8	17	5.6	13	10.1
Abortion with mention of infection (140)	18	0.4	11	0.3	6	2.0	1	0.8
Abortion without mention of infection (141)	1	0.0	-	-	-	-	1	0.8
Ectopic gestation with mention of infection (142a)	2	0.0	1	0.0	1	0.3	-	-
Ectopic gestation without mention of infection (142b)	4	0.1	3	0.1	1	0.3	-	-
Hemorrhage of pregnancy (143)	-	-	-	-	-	-	-	-
Toxemias of pregnancy (144)	6	0.1	4	0.1	1	0.3	1	0.8
Other septic conditions of pregnancy (145a)	3	0.1	2	0.1	-	-	1	0.8
Hemorrhage of childbirth and the puerperium (146)	19	0.4	16	0.4	1	0.3	2	1.6
Infection during childbirth and the puerperium (147)	13	0.3	6	0.2	3	1.0	4	3.1
Puerperal toxemias (148)	17	0.4	11	0.3	4	1.3	2	1.6
Other causes (145b, 149-150)	16	0.4	15	0.4	-	-	1	0.8

* Number per 1,000 live births

The maternal death rate for the white population in 1945 was 1.8 deaths per 1,000 live births; Negro, 5.6; and Indian, 10.1. The present level of maternal mortality rates in both white and non-white population groups is less than half as high as that of 1928-1930. The decreasing rates are given in Chart 3 for each year in the period 1928-1945.

Chart 3

Maternal Death Rates
Oklahoma, 1928 - 1945



Infant Deaths

In 1945, 1,727 infants died before they reached their first birthday. In proportion to the babies born alive in the same year, the infant death rate was computed as 39.8 deaths per 1,000 live births which was the lowest infant death rate for the years for which such records are available. Table 11 shows infant death rates for the State and for each racial group for each year since 1939. Infant death rates for the total population have been computed for each year since 1928 and appear in Summary Table A, but only since 1939 have data been available for computing rates individually for Negro and Indian racial groups.

Table 11

Infant Death Rates* by Race, Oklahoma, 1939 - 1945

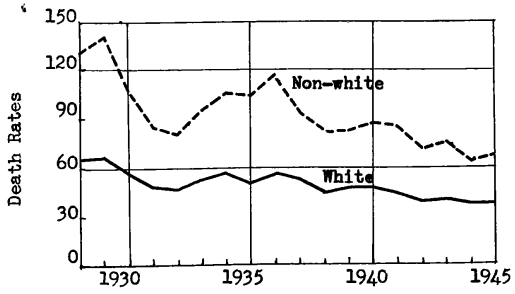
Year	Total	White	Negro	Indian
1939	51.1	47.1	96.3	93.6
1940	50.4	46.9	79.8	102.0
1941	48.1	44.2	81.1	92.2
1942	42.0	38.8	74.9	64.3
1943	43.3	40.0	77.9	73.2
1944	40.0	37.3	59.0	74.9
1945	39.8	36.6	67.7	70.9

* Number per 1,000 live births

In all racial groups the trend of the infant death rates, has been downward as may be seen in Table 11 and Chart 4. However, the rates among non-white racial groups started from a higher level than the whites and have remained consistently higher each year.

Chart 4

Infant Death Rates
Oklahoma, 1928 - 1945



The cause of infant deaths, together with rates for each racial group, are shown in Table 12 where it may be seen that premature birth caused the greatest number of deaths under one year in the total and white group, while diseases of the respiratory system caused the greatest number in the Negro group, and infectious and parasitic diseases, the greatest number in the Indian population.

Table 12

Deaths Under One Year by Cause, by Race, Number and Rate*, Oklahoma, 1945

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Total, all causes (1-200)	1727	39.8	1429	36.6	207	67.7	91	70.9
Infectious and parasitic diseases (1-44)	129	3.0	86	2.2	21	6.9	22	17.1
Diseases of the respiratory system (104-114)	235	5.4	163	4.2	52	17.0	20	15.6
Diseases of the digestive system (115-129)	120	2.8	99	2.5	18	5.9	3	2.3
Congenital malformations (157)	203	4.7	191	4.9	9	2.9	3	2.3
Congenital debility (158)	60	1.4	48	1.2	9	2.9	3	2.3
Premature birth (159)	541	12.5	494	12.6	33	10.8	14	10.9
Injury at birth (160)	120	2.8	104	2.7	12	3.9	4	3.1
Other diseases peculiar to first year of life (161)	103	2.4	88	2.3	11	3.6	4	3.1
Accidents (169-195)	53	1.2	42	1.1	10	3.3	1	0.8
All other defined causes	87	2.0	69	1.8	14	4.6	4	3.1
Ill defined and unknown (199,200)	76	1.8	45	1.2	18	5.9	13	10.1

* Number per 1,000 live births

Neonatal Deaths

More than 6 out of every 10 infants, who died in the first year of life, died before they reached the age of one month. The 1,100 deaths of newborn infants gave for 1945 a neonatal death rate of 25.3 deaths

per 1,000 live births which was slightly higher than the 1944 rate of 24.1. The diseases and conditions reported as causing these deaths are shown in Table 13 with the number and rate due to each cause for each racial group. Premature birth continued to lead all other conditions and diseases as a cause of death of newborn infants in the total population and in all races.

Table 13

Deaths Under One Month by Cause by Race, Number and Rate*, Oklahoma, 1945

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Total, all causes (1-200). . . .	1100	25.3	948	24.3	115	37.6	37	28.8
Infectious and parasitic diseases (1-44).	19	0.4	14	0.4	3	1.0	2	1.6
Diseases of the respiratory system (104-114)	51	1.2	31	0.8	17	5.6	3	2.3
Diseases of the digestive system (115-129)	29	0.7	20	0.5	8	2.6	1	0.8
Congenital malformations (157) .	135	3.1	129	3.3	5	1.6	1	0.8
Congenital debility (158). . . .	38	0.9	31	0.8	6	2.0	1	0.8
Premature birth (159).	525	12.1	479	12.3	32	10.5	14	10.9
Injury at birth (160).	117	2.7	102	2.6	12	3.9	3	2.3
Other diseases peculiar to first year of life (161) . . .	98	2.3	85	2.2	9	2.9	4	3.1
Accidents (169-195).	10	0.2	7	0.2	3	1.0	-	-
All other defined causes	27	0.6	19	0.5	6	2.0	2	1.6
Ill defined and unknown(199,200)	51	1.2	31	0.8	14	4.6	6	4.7

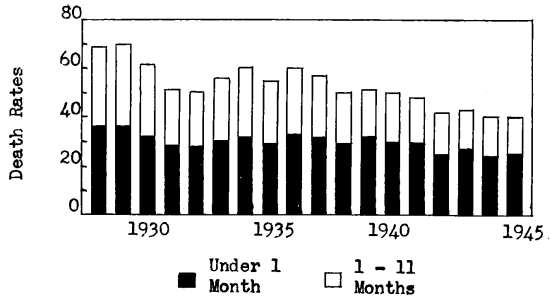
* Number per 1,000 live births

Although the death rates of infants under one year of age have been decreasing, as shown in Chart 4, the death rates for infants under one month of age have not been falling as rapidly as the rates for all infants under one year. This indicates that the reduction in infant

death rates has occurred primarily in infants aged one month to one year. That this is true in the total population is brought out in Chart 5 where death rates for infants under one month and under one year of age are given for each year since 1928.

Chart 5

Infant and Neonatal Death Rates
Oklahoma, 1928 - 1945



Symbols Used in Tables

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

TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1928-1945

	1928		1929		1930		1931	
Estimated population, July 1,	2,333,250		2,369,130		2,394,550		2,388,589	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live Births*	42,986	18.4	39,738	16.8	42,505	17.8	43,269	18.1
Stillbirths †	1,325	30.8	1,345	33.8	1,283	30.2	1,057	24.4
Total deaths, all causes*	20,953	9.0	21,398	9.0	19,646	8.2	18,802	7.9
Deaths under 1 year †	2,966	69.0	2,789	70.2	2,581	60.7	2,228	51.5
Deaths under 1 month †	1,558	36.2	1,451	36.5	1,381	32.5	1,234	28.5
Typhoid, paratyphoid fevers (1,2)	298	12.8	244	10.3	256	10.7	258	10.8
Undulant fever (5)	----	----	----	----	----	----	2	0.1
Meningococcus meningitis (6)	44	1.9	111	4.7	57	2.4	41	1.7
Scarlet fever (8)	44	1.9	50	2.1	42	1.8	55	2.3
Whooping cough (9)	67	2.9	144	6.1	149	6.2	77	3.2
Diphtheria (10)	324	13.9	265	11.2	216	9.0	293	12.3
Tetanus (12)	52	2.2	28	1.2	38	1.6	24	1.0
Tuberculosis, all forms (13-22)	1,256	53.8	1,296	54.7	1,305	54.5	1,315	55.1
Respiratory system (13)	1,158	49.6	1,206	50.9	1,172	48.9	1,182	49.5
Tularemia (26a)	----	----	----	----	----	----	----	----
Dysentery (27)	225	9.6	106	4.5	132	5.5	87	3.6
Malaria (28)	174	7.5	162	6.8	143	6.0	103	4.3
Syphilis (30)	188	8.1	195	8.2	219	9.1	210	8.8
Influenza (33)	1,142	48.9	1,648	69.6	444	18.5	653	27.3
Smallpox (34)	14	0.6	12	0.5	18	0.8	12	0.5
Measles (35)	193	8.3	27	1.1	123	5.1	32	1.3
Acute poliomyelitis and acute polioencephalitis (36)	31	1.3	33	1.4	40	1.7	19	0.8
Acute infectious encephalitis (37)	13	0.6	14	0.6	9	0.4	8	0.3
Rocky Mountain spotted fever (39a)	----	----	----	----	----	----	----	----
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32,38, 39a, 39b, 39d, 40-44)	151	6.5	107	4.5	93	3.9	97	4.1
Cancer (45-55)	1,170	50.1	1,218	51.4	1,197	50.0	1,250	52.3
Other tumors (56-57)	13	0.6	9	0.4	84	3.5	78	3.3
Acute rheumatic fever (58)	46	2.0	26	1.1	48	2.0	36	1.5
Diabetes mellitus (61)	208	8.9	208	8.8	214	8.9	241	10.1
Pellagra (69)	238	10.2	279	11.8	300	12.5	240	10.0
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	158	6.8	152	6.4	87	3.6	83	3.5
Diseases of the blood and blood forming organs (72-76)	40	1.7	53	2.2	123	5.1	136	5.7
Chronic poisoning and intoxication (77-79)	62	2.7	42	1.8	48	2.0	67	2.8
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,436	61.5	1,464	61.8	1,401	58.5	1,429	59.8
Other diseases of nervous system and sense organs (80-82, 84-89)	435	18.6	472	19.9	384	16.0	340	14.2
Diseases of the heart (90-95)	1,914	82.0	2,139	90.3	2,234	93.3	2,370	99.2
Diseases of the arteries (96-99)	157	6.7	242	10.2	218	9.1	179	7.5
Other diseases of the circulatory system (100-103)	42	1.8	27	1.1	27	1.1	42	1.8
Pneumonia, all forms (107-109)	2,039	87.4	2,111	89.1	1,566	65.4	1,650	69.1
Other diseases of the respiratory system (104-106, 110-114)	267	11.4	200	8.4	225	9.4	220	9.2
Diarrhea& enteritis under 2 yrs.(119)	472	20.2	372	15.7	455	19.0	286	12.0
Diarrhea& enteritis over 2 yrs.(120)	176	7.5	160	6.8	190	7.9	118	4.9
Appendicitis (121)	369	15.8	381	16.1	370	15.5	376	15.7
Hernia, intestinal obstruction (122)	205	8.8	203	8.6	168	7.0	223	9.3
Cirrhosis of the liver (124)	65	2.8	89	3.8	103	4.3	97	4.1
Other diseases of the digestive system (115-118, 123, 125-129)	686	29.4	627	26.5	583	24.3	570	23.9
Nephritis (130-132)	1,137	48.7	1,190	50.2	1,211	50.6	1,095	45.8
Other diseases of the genito-urinary system (133-139)	230	9.9	178	7.5	209	8.7	235	9.8
Diseases of pregnancy, childbirth, and the puerperium (140-150) †.	307	7.1	327	8.2	292	6.9	269	6.2
Septicemia (140, 142a, 147) †	127	3.0	124	3.1	124	3.2	128	3.0
Congenital malformations, diseases peculiar to first year of life(157-161)	1,320	56.6	1,229	51.9	1,190	49.7	1,027	43.0
Senility (162)	801	34.3	774	32.7	570	23.8	442	18.5
Suicide (163-164)	185	7.9	198	8.4	232	9.7	265	11.1
Homicide (165-168)	252	10.8	247	10.4	264	11.0	268	11.2
Motor vehicle accidents (170)	356	15.3	511	21.6	512	21.4	442	18.5
Other accidents (169, 171-195)	1,122	48.1	1,128	47.6	1,166	48.7	913	38.2
Other defined causes (59, 151-156, 196-198)	107	4.6	84	3.5	72	3.0	87	3.6
Ill defined and unknown (199,200)	722	30.9	616	26.0	619	25.9	442	18.5

Rates from specific causes represent number per 100,000 estimated population.
* Rates represent number per 1,000 estimated population.
† Rates represent number per 1,000 live births.

Source: 1928 through 1936 - Vital Statistics of the United States, Bureau of the Census annual publications, by place of occurrence;
1937 through 1945 - Oklahoma State Department of Health records, by place of residence.

TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1928-1945 - Continued

	1932		1933		1934		1935		1936	
Estimated population, July 1	2,382,629		2,376,668		2,370,708		2,364,747		2,358,786	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live Births*	41,039	17.2	43,697	18.4	47,302	20.0	43,691	18.5	41,815	17.7
Stillbirths †	1,056	25.7	1,126	25.8	1,301	27.5	1,269	29.0	1,182	28.3
Total deaths, all causes*	19,285	8.1	20,309	8.5	21,373	9.0	21,091	8.9	23,250	9.9
Deaths under 1 year †	2,052	50.0	2,466	56.4	2,864	60.5	2,384	54.6	2,509	60.0
Deaths under 1 month †	1,132	27.6	1,291	29.5	1,528	32.3	1,277	29.2	1,368	32.7
Typhoid, paratyphoid fevers (1,2)	228	9.6	245	10.3	210	8.9	187	7.9	131	5.6
Undulant fever (5)	1	0.0	2	0.1	2	0.1	1	0.0	1	0.0
Meningococcus meningitis (6)	29	1.2	53	2.2	29	1.2	67	2.8	94	4.0
Scarlet fever (8)	48	2.0	23	1.0	26	1.1	22	0.9	44	1.9
Whooping cough (9)	100	4.2	82	3.5	185	7.8	155	6.6	41	1.7
Diphtheria (10)	321	13.5	261	11.0	148	6.2	143	6.0	89	3.8
Tetanus (12)	30	1.3	22	0.9	38	1.6	25	1.1	28	1.2
Tuberculosis, all forms (13-22)	1,164	48.9	1,210	50.9	1,162	49.0	1,156	48.9	1,293	54.8
Respiratory system (13)	1,053	44.2	1,125	47.3	1,067	45.0	1,053	44.5	1,195	50.7
Tularemia (26a)	----	----	----	----	----	----	----	----	----	----
Dysentery (27)	56	2.4	141	5.9	132	5.6	92	3.9	148	6.3
Malaria (28)	109	4.6	134	5.6	139	5.9	139	5.9	94	4.0
Syphilis (30)	218	9.1	219	9.2	252	10.6	257	10.9	286	12.1
Influenza (33)	1,109	46.5	905	38.1	548	23.1	774	32.7	1,165	49.4
Smallpox (34)	1	0.0	1	0.0	-	-	-	-	-	-
Measles (35)	12	0.5	68	2.9	382	16.1	44	1.9	14	0.6
Acute poliomyelitis and acute polioencephalitis (36)	20	0.8	28	1.2	20	0.8	10	0.4	36	1.5
Acute infectious encephalitis (37)	15	0.6	16	0.7	7	0.3	8	0.3	18	0.8
Rocky Mountain spotted fever (39e)	----	----	----	----	----	----	----	----	----	----
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b,29, 31-32, 38, 39a, 39b, 39d, 40-44)	101	4.2	91	3.8	83	3.5	106	4.5	99	4.2
Cancer (45-55)	1,365	57.3	1,505	63.3	1,569	66.2	1,517	64.2	1,709	72.5
Other tumors (56-57)	93	3.9	110	4.6	96	4.0	106	4.5	99	4.2
Acute rheumatic fever (58)	54	2.3	41	1.7	38	1.6	24	1.0	24	1.0
Diabetes mellitus (61)	285	12.0	262	11.0	299	12.6	308	13.0	368	15.6
Pellagra (69)	149	6.3	109	4.6	104	4.4	128	5.4	175	7.4
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	72	3.0	83	3.5	71	3.0	98	4.1	116	4.9
Diseases of the blood and blood forming organs (72-76)	142	6.0	148	6.2	145	6.1	134	5.7	147	6.2
Chronic poisoning and intoxication (77-79)	53	2.2	35	1.5	62	2.6	48	2.0	52	2.2
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,562	65.6	1,650	69.4	1,674	70.6	1,708	72.2	1,782	75.5
Other diseases of nervous system and sense organs (80-82, 84-89)	334	14.0	352	14.8	393	16.6	415	17.5	369	15.6
Diseases of the heart (90-95)	2,507	105.2	2,821	118.7	2,791	117.7	3,121	132.0	3,462	146.8
Diseases of the arteries (96-99)	244	10.2	284	11.9	312	13.2	261	11.0	339	14.4
Other diseases of the circulatory system (100-103)	39	1.6	44	1.9	48	2.0	50	2.1	52	2.2
Pneumonia, all forms (107-109)	1,563	65.6	1,712	72.0	1,899	80.1	1,991	84.2	2,313	98.0
Other diseases of the respiratory system (104-106, 110-114)	186	7.8	226	9.5	240	10.1	240	10.1	247	10.5
Diarrhea & enteritis under 2 yrs.(119)	262	11.0	415	17.5	455	19.2	329	13.9	387	16.4
Diarrhea & enteritis over 2 yrs.(120)	120	5.0	127	5.3	137	5.8	112	4.7	151	6.4
Appendicitis (121)	396	16.6	403	17.0	428	18.1	353	14.9	374	15.9
Hernia, intestinal obstruction (122)	213	8.9	219	9.2	218	9.2	213	9.0	224	9.5
Cirrhosis of the liver (124)	92	3.9	107	4.5	106	4.5	110	4.7	115	4.9
Other diseases of the digestive system (115-118, 123, 125-129)	533	22.4	566	23.8	590	24.9	562	23.8	536	22.7
Nephritis (130-132)	1,165	48.9	1,104	46.5	1,224	51.6	1,319	55.8	1,467	62.2
Other diseases of the genito-urinary system (133-139)	208	8.7	230	9.7	369	15.6	312	13.2	371	15.7
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	296	7.2	284	6.5	282	6.0	256	5.9	259	6.2
Septicemia (140, 142a, 147) †	148	3.6	145	3.3	126	2.7	135	3.0	101	2.4
Congenital malformations, diseases peculiar to first year of life(157-161)	1,002	42.1	1,073	45.1	1,351	57.0	1,085	45.9	1,182	50.1
Senility (162)	465	19.5	442	18.6	449	18.9	419	17.7	440	18.7
Suicide (163-164)	276	11.6	241	10.1	224	9.4	251	10.6	235	10.0
Homicide (165-168)	261	11.0	308	13.0	300	12.7	221	9.3	219	9.3
Motor vehicle accidents (170)	464	19.5	512	21.5	614	25.9	684	28.9	657	27.9
Other accidents (169, 171-195)	942	39.5	925	38.9	1,005	42/4	1,040	44.0	1,267	53.7
Other defined causes (59, 151-156, 196-198)	88	3.7	99	4.2	91	3.8	110	4.7	110	4.7
Ill defined and unknown (199,200)	292	12.3	371	15.6	426	18.0	380	16.1	421	17.8

TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1928-1945 - Continued

	1937		1938		1939		1940	
Estimated population, July 1	2,352,826		2,346,865		2,340,905		2,315,995	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live Births*	41,223	17.5	44,190	18.8	42,760	18.3	44,258	19.1
Physician in hospital	11,056	...	13,803	...	14,347	...	17,740	...
Physician in home	28,830	...	28,756	...	28,296	...	25,216	...
Midwife, other, or unknown	1,337	...	1,631	...	117	...	1,302	...
Stillbirths †	1,170	28.4	1,215	27.5	1,277	29.9	1,298	29.3
Physician in hospital	----	----	----	----	462	...	583	...
Physician in home	----	----	----	----	789	...	661	...
Midwife, other, or unknown	----	----	----	----	26	...	54	...
Total deaths, all causes*	21,399	9.1	20,422	8.7	20,657	8.8	20,618	8.9
Deaths under 1 year †	2,354	57.1	2,202	49.8	2,187	51.1	2,236	50.4
Deaths under 1 month †	1,329	32.2	1,285	29.1	1,377	32.2	1,319	29.8
Typhoid, paratyphoid fevers (1,2)	129	5.5	100	4.3	93	4.0	56	2.4
Undulant fever (5)	3	0.1	5	0.2	7	0.3	-	-
Meningococcus meningitis (6)	52	2.2	15	0.6	12	0.5	12	0.5
Scarlet fever (8)	33	1.4	19	0.8	16	0.7	7	0.3
Whooping cough (9)	84	3.6	189	8.1	23	1.0	57	2.5
Diphtheria (10)	85	3.6	119	5.1	76	3.2	73	3.2
Tetanus (12)	13	0.6	4	0.2	6	0.3	26	1.1
Tuberculosis, all forms (13-22)	1,241	52.7	1,125	47.9	1,073	45.8	1,125	48.6
Respiratory system (13)	1,145	48.7	1,038	44.2	----	----	1,031	44.5
Tularemia (26a)	----	----	----	----	----	----	5	0.2
Dysentery (27)	65	2.8	27	1.2	94	4.0	73	3.2
Malaria (28)	87	3.7	84	3.6	48	2.1	22	0.9
Syphilis (30)	260	11.1	297	12.7	270	11.5	265	11.4
Influenza (33)	985	41.9	434	18.5	512	21.9	589	25.4
Smallpox (34)	1	0.0	7	0.3	1	0.0	-	-
Measles (35)	19	0.8	59	2.5	76	3.2	3	0.1
Acute poliomyelitis and acute polioencephalitis (36)	75	3.2	18	0.8	11	0.5	20	0.9
Acute infectious encephalitis (37)	4	0.2	8	0.3	14	0.6	12	0.5
Rocky Mountain spotted fever (39c)	----	----	----	----	----	----	2	0.1
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a, 39b, 39d, 40-44)	93	4.0	92	3.9	104	4.4	92	4.0
Cancer (45-55)	1,846	78.5	1,816	77.4	1,863	79.6	1,962	84.7
Other tumors (56-57)	78	3.3	88	3.7	132	5.6	97	4.2
Acute rheumatic fever (58)	7	0.3	10	0.4	19	0.8	39	1.7
Diabetes mellitus (61)	320	13.6	337	14.4	337	14.4	331	14.3
Pellagra (69)	106	4.5	110	4.7	95	4.1	52	2.2
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	55	2.3	59	2.5	72	3.1	70	3.0
Diseases of the blood and blood forming organs (72-76)	149	6.3	164	7.0	158	6.7	122	5.3
Chronic poisoning and intoxication (77-79)	54	2.3	32	1.4	37	1.6	40	1.7
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,656	70.4	1,722	73.4	1,968	84.1	1,892	81.7
Other diseases of nervous system and sense organs (80-82, 84-89)	335	14.2	302	12.9	292	12.5	375	16.2
Diseases of the heart (90-95)	3,313	140.8	3,425	145.9	3,529	150.8	3,860	166.6
Diseases of the arteries (96-99)	302	12.8	317	13.5	396	16.9	311	13.4
Other diseases of the circulatory system (100-103)	34	1.4	30	1.3	50	2.1	56	2.4
Pneumonia, all forms (107-109)	1,804	76.7	1,488	63.4	1,387	59.3	1,358	58.6
Other diseases of the respiratory system (104-106, 110-114)	218	9.3	225	9.6	234	10.0	209	9.0
Diarrhea & enteritis under 2 yrs.(119)	337	14.3	246	10.5	221	9.4	231	10.0
Diarrhea & enteritis over 2 yrs.(120)	146	6.2	141	6.0	133	5.7	112	4.8
Appendicitis (121)	323	13.7	290	12.4	357	15.3	302	13.0
Hernia, intestinal obstruction (122)	222	9.4	205	8.7	216	9.2	223	9.6
Cirrhosis of the liver (124)	98	4.2	95	4.0	104	4.4	119	5.1
Other diseases of the digestive system (115-118, 123, 125-129)	517	22.0	504	21.5	603	25.8	446	19.3
Nephritis (130-132)	1,579	67.1	1,479	63.0	1,268	54.2	1,467	63.3
Other diseases of the genito-urinary system (133-139)	236	10.0	215	9.2	271	11.6	265	11.4
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	200	4.9	176	4.0	183	4.3	162	3.7
Septicemia (140, 142a, 147) †	64	1.6	59	1.3	63	1.5	56	1.3
Congenital malformations, diseases peculiar to first year of life(157-161)	1,204	51.2	1,164	49.6	1,225	52.3	1,277	55.1
Senility (162)	384	16.3	359	15.3	400	17.1	486	21.1
Suicide (163-164)	266	11.3	264	11.2	221	9.4	197	8.5
Homicide (165-168)	167	7.1	173	7.4	170	7.3	147	6.3
Motor vehicle accidents (170)	633	26.9	589	25.1	519	22.2	474	20.5
Other accidents (169, 171-195)	940	40.0	1,030	43.9	982	41.9	869	37.6
Other defined causes (59, 151-156, 196-198)	78	3.3	95	4.0	109	4.7	50	2.1
Ill defined and unknown (199, 200)	563	23.9	670	28.5	670	28.6	576	24.9

See notes on Page 22

TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1928-1945 - Continued

	1941		1942		1943		1944		1945	
Estimated population, July 1	2,234,237		2,152,479		2,070,721		2,029,842		2,383,968	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live Births*	45,313	20.3	45,277	21.0	47,800	23.1	46,885	23.1	43,405	18.2
Physician in hospital	20,999	...	24,812	...	29,180	...	31,580	...	31,194	...
Physician in home	22,677	...	18,985	...	17,064	...	13,510	...	10,729	...
Midwife, other, or unknown	1,637	...	1,480	...	1,556	...	1,795	...	1,482	...
Stillbirths †.	1,252	27.6	911	20.1	928	19.4	964	20.6	1,097	25.3
Physician in hospital	553	...	511	...	575	...	631	...	730	...
Physician in home	648	...	383	...	311	...	313	...	339	...
Midwife, other, or unknown	51	...	17	...	42	...	20	...	28	...
Total deaths, all causes*	20,097	9.0	18,985	8.8	19,765	9.5	18,438	9.1	18,731	7.9
Deaths under 1 year †.	2,181	48.1	1,901	42.0	2,071	43.3	1,874	40.0	1,727	39.8
Deaths under 1 month †	1,377	30.4	1,156	25.5	1,273	26.6	1,131	24.1	1,100	25.3
Typhoid, paratyphoid fevers (1,2)	35	1.6	38	1.8	23	1.1	9	0.4	12	0.5
Undulant fever (5)	1	0.0	5	0.2	5	0.2	2	0.1	1	0.0
Meningococcus meningitis (6)	9	0.4	10	0.5	30	1.4	16	0.8	25	1.0
Scarlet fever (8)	5	0.2	3	0.1	5	0.2	4	0.2	7	0.3
Whooping cough (9)	122	5.5	48	2.2	86	4.2	41	2.0	47	2.0
Diphtheria (10)	67	3.0	54	2.5	25	1.2	33	1.6	51	2.1
Tetanus (12)	12	0.5	9	0.4	17	0.8	10	0.5	9	0.4
Tuberculosis, all forms (13-22)	1,063	47.6	973	45.2	929	44.9	892	43.9	823	34.5
Respiratory system (13)	972	43.5	907	42.1	856	41.3	828	40.8	770	32.3
Tularemia (26a)	3	0.1	4	0.2	2	0.1	1	0.0	4	0.2
Dysentery (27)	58	2.6	81	3.8	54	2.6	59	2.9	53	2.2
Malaria (28)	53	2.4	21	1.0	30	1.4	20	1.0	19	0.8
Syphilis (30)	225	10.1	172	8.0	211	10.2	182	9.0	173	7.3
Influenza (33)	541	24.2	237	11.0	296	14.3	353	17.4	225	9.4
Smallpox (34)	-	-	-	-	-	-	-	-	-	-
Measles (35)	20	0.9	89	4.1	4	0.2	34	1.7	4	0.2
Acute poliomyelitis and acute polioencephalitis (36)	15	0.7	15	0.7	33	1.6	6	0.3	13	0.5
Acute infectious encephalitis (37)	11	0.5	8	0.4	8	0.4	7	0.3	4	0.2
Rocky Mountain spotted fever (39c)	3	0.1	2	0.1	2	0.1	2	0.1	9	0.4
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	84	3.8	64	3.0	77	3.7	57	2.8	60	2.5
Cancer (45-55)	1,960	87.7	1,967	91.4	1,958	94.6	2,054	101.2	2,212	92.8
Other tumors (56-57)	120	5.4	117	5.4	108	5.2	124	6.1	122	5.1
Acute rheumatic fever (58)	26	1.2	22	1.0	25	1.2	23	1.1	17	0.7
Diabetes mellitus (61)	342	15.3	334	15.5	382	18.4	327	16.1	356	14.9
Pellagra (69)	58	2.6	59	2.7	48	2.3	49	2.4	29	1.2
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	61	2.7	74	3.4	77	3.7	80	3.9	79	3.3
Diseases of the blood and blood forming organs (72-76)	150	6.7	141	6.6	165	8.0	134	6.6	171	7.2
Chronic poisoning and intoxication (77-79)	38	1.7	24	1.1	24	1.2	31	1.5	16	0.7
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,814	81.2	1,922	89.3	2,041	98.6	1,856	91.4	1,911	80.2
Other diseases of nervous system and sense organs (80-82, 84-89)	290	13.0	276	12.8	258	12.5	264	13.0	234	9.8
Diseases of the heart (90-95)	4,235	189.6	4,137	192.2	4,372	211.1	4,255	209.6	4,287	179.8
Diseases of the arteries (96-99)	277	12.4	306	14.2	357	17.2	319	15.7	328	13.8
Other diseases of the circulatory system (100-103)	37	1.7	38	1.8	63	3.0	62	3.1	84	3.5
Pneumonia, all forms (107-109)	1,134	50.8	980	45.5	999	48.2	921	45.4	866	36.3
Other diseases of the respiratory system (104-106, 110-114)	199	8.9	212	9.8	226	10.9	247	12.2	248	10.4
Diarrhea & enteritis under 2 yrs.(119)	109	4.9	127	5.9	143	6.9	161	7.9	113	4.7
Diarrhea & enteritis over 2 yrs.(120)	66	3.0	52	2.4	77	3.7	64	3.2	41	1.7
Appendicitis (121)	257	11.5	182	8.5	164	7.9	156	7.7	135	5.7
Hernia, intestinal obstruction (122)	186	8.3	173	8.0	178	8.6	180	8.9	196	8.2
Cirrhosis of the liver (124)	96	4.3	103	4.8	115	5.6	85	4.2	101	4.2
Other diseases of the digestive system (115-118, 123, 125-129)	410	18.4	425	19.7	408	19.7	444	21.9	364	15.3
Nephritis (130-132)	1,316	58.9	1,161	53.9	1,258	60.7	1,148	56.6	1,114	46.7
Other diseases of the genito-urinary system (133-139)	259	11.6	245	11.4	229	11.1	246	12.1	214	9.0
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	134	3.0	145	3.2	109	2.3	112	2.4	99	2.3
Septicemia (140,142a,147) †.	26	0.6	25	0.6	15	0.3	35	0.7	36	0.8
Congenital malformations, diseases peculiar to first year of life(157-161)	1,360	60.9	1,093	50.8	1,250	60.4	1,155	56.9	1,055	44.3
Senility (162)	450	20.1	556	25.8	612	29.6	495	24.4	491	20.6
Suicide (163-164)	207	9.3	168	7.8	151	7.3	149	7.3	154	6.5
Homicide (165-168)	135	6.0	127	5.9	99	4.8	91	4.5	133	5.6
Motor vehicle accidents (170)	511	22.9	343	15.9	294	14.2	330	16.3	429	18.0
Other accidents (169, 171-195)	942	42.2	1,110	51.6	1,117	53.9	1,040	51.2	1,112	46.6
Other defined causes (59, 151-156, 196-198)	69	3.1	69	3.2	84	4.1	81	4.0	81	3.4
Ill defined and unknown (199,200)	522	23.4	464	21.6	537	25.9	27	1.3	400	16.8

** 1452 not included with 1945

TABLE B. RECORDED* BIRTHS, STILLBIRTHS, DEATHS, INFANT AND NEONATAL DEATHS, NUMBER AND RATE, BY COUNTY, OKLAHOMA, 1945

COUNTY	BIRTHS		STILLBIRTHS		DEATHS		INFANT DEATHS		NEONATAL DEATHS	
	Number	Rate**	Number	Rate/	Number	Rate**	Number	Rate/	Number	Rate/
ENTIRE STATE	43,403	18.2	1,113	25.6	18,587	7.8	1,698	39.1	1,090	25.1
Adair	162	10.0	2	12.3	117	7.2	18	111.1	9	55.6
Alfalfa	127	9.4	1	7.9	100	7.4	4	31.5	1	7.9
Atoka	425	22.7	13	30.6	108	5.8	21	49.4	16	37.6
Beaver	146	16.9	-	-	69	8.0	7	47.9	5	34.2
Beckham	568	25.6	8	14.1	189	8.5	15	26.4	11	19.4
Blaine	253	14.4	4	15.8	111	6.3	19	75.1	13	51.4
Bryan	603	14.6	17	28.2	251	6.1	18	29.9	14	23.2
Caddo	746	17.9	27	36.2	249	6.0	24	32.2	14	18.8
Canadian	490	18.2	12	24.5	207	7.7	19	38.8	12	24.5
Carter	777	17.5	28	36.0	321	7.3	30	38.6	21	27.0
Cherokee	488	21.3	14	28.7	148	6.5	17	34.8	7	14.3
Choctaw	511	18.0	20	39.1	171	6.0	21	41.1	14	27.4
Cimarron	32	8.8	-	-	24	6.6	1	31.3	-	-
Cleveland	572	19.6	16	28.0	355	12.2	16	28.0	11	19.2
Coal	101	7.9	5	49.5	64	5.0	7	69.3	3	29.7
Comanche	1,430	34.5	39	27.3	295	7.1	44	30.8	28	19.6
Cotton	144	12.5	5	34.7	65	5.6	3	20.8	2	13.9
Craig	285	13.5	8	28.1	293	13.9	7	24.6	6	21.1
Creek	702	13.8	25	35.6	343	6.7	36	51.3	22	31.3
Custer	520	22.5	13	25.0	363	15.7	25	48.1	17	32.7
Delaware	131	7.0	4	30.5	91	4.9	8	61.1	4	30.5
Dewey	67	5.9	1	14.9	51	4.5	4	59.7	3	44.8
Ellis	194	26.3	3	15.5	84	11.4	7	36.1	5	25.8
Garfield	1,129	24.9	27	23.9	527	11.6	42	37.2	26	23.0
Garvin	552	17.8	15	27.2	174	5.6	12	21.7	8	14.5
Grady	847	20.6	19	22.4	269	6.5	26	30.7	18	21.3
Grant	19	1.5	-	-	38	3.0	2	105.3	-	-
Greer	188	12.9	13	69.1	108	7.4	8	42.6	7	37.2
Harmon	197	19.7	3	15.2	59	5.9	4	20.3	2	10.2
Harper	35	6.1	-	-	36	6.2	1	28.6	1	28.6
Haskell	233	13.0	3	12.9	85	4.7	13	55.8	5	21.5
Hughes	527	18.4	15	28.5	177	6.2	22	41.7	13	24.7
Jackson	423	18.6	9	21.3	139	6.1	19	44.9	11	26.0
Jefferson	219	15.7	5	22.8	104	7.5	10	45.7	7	32.0
Johnston	107	6.7	1	9.3	64	4.0	5	46.7	4	37.4
Kay	901	19.1	21	23.3	429	9.1	28	31.1	16	17.8
Kingfisher	104	6.7	1	9.6	79	5.1	3	28.8	1	9.6
Kiowa	351	15.4	13	37.0	141	6.2	3	8.5	1	2.8
Latimer	305	24.6	8	26.2	118	9.5	9	29.5	4	13.1
LeFlore	626	13.6	18	28.8	260	5.7	25	39.9	19	30.4
Lincoln	397	14.5	10	25.2	181	6.6	15	37.8	12	30.2
Logan	373	15.6	12	32.2	242	10.1	15	40.2	8	21.4
Love	120	10.5	2	16.7	30	2.6	-	-	-	-
McClain	308	17.1	7	22.7	59	3.3	3	9.7	-	-
McCurtain	617	13.8	20	32.4	208	4.6	29	47.0	22	35.7
McIntosh	393	16.6	15	38.2	131	5.5	27	68.7	18	45.8
Major	135	11.4	2	14.8	33	2.8	1	7.4	-	-
Marshall	205	15.7	6	29.3	74	5.7	6	29.3	6	29.3
Mayes	425	18.0	9	21.2	190	8.0	25	58.8	16	37.6
Murray	217	15.7	10	46.1	132	9.5	6	27.6	5	23.0
Muskogee	1,405	21.3	44	31.3	862	13.1	73	52.0	42	29.9
Noble	112	7.6	2	17.9	92	6.3	4	35.7	-	-
Nowata	203	12.0	1	4.9	115	6.8	14	69.0	8	39.4
Okfuskee	420	16.9	11	26.2	147	5.9	27	64.3	14	33.3
Oklahoma	6,344	22.7	151	23.8	2,798	10.0	286	45.1	194	30.6
Okmulgee	925	19.8	20	21.6	414	8.9	39	42.2	18	19.5
Osage	530	13.8	16	30.2	244	6.3	10	18.9	7	13.2
Ottawa	694	19.4	14	20.2	321	9.0	25	36.0	13	18.7
Pawnee	241	15.0	7	29.0	129	8.0	9	37.3	7	29.0
Payne	703	19.7	13	18.5	261	7.3	13	18.5	7	10.0
Pittsburg	1,095	22.8	32	29.2	416	8.7	41	37.4	24	21.9
Pontotoc	689	17.3	14	20.3	281	7.1	39	56.6	26	37.7
Pottawatomie	840	17.5	17	20.2	420	8.8	41	48.8	23	27.4
Pushmataha	152	7.8	5	32.9	120	6.2	6	39.5	5	32.9
Roger Mills	23	2.6	-	-	24	2.7	-	-	-	-
Rogers	415	18.7	16	38.6	169	7.6	17	41.0	8	19.3
Seminole	720	14.0	24	33.3	279	5.4	22	30.6	10	13.9
Sequoyah	378	15.1	9	23.8	104	4.2	6	15.9	3	7.9
Stephens	789	25.4	12	15.2	237	7.6	26	33.0	18	22.8
Texas	148	15.0	4	27.0	51	5.2	5	33.8	3	20.3
Tillman	453	21.8	16	35.3	132	6.4	14	30.9	9	19.9
Tulsa	4,864	21.2	108	22.2	1,899	8.3	192	39.5	144	29.6
Wagoner	419	19.7	13	31.0	125	5.9	15	35.8	9	21.5
Washington	563	17.6	9	16.0	266	8.3	21	37.3	14	24.9
Washita	241	10.8	9	37.3	106	4.8	5	20.7	3	12.4
Woods	270	18.1	10	37.0	111	7.4	8	29.6	6	22.2
Woodward	340	20.6	7	20.6	308	18.7	10	29.4	7	20.6

* Place of occurrence
** Rates represent number per 1,000 estimated population.
/ Rates represent number per 1,000 live births.

TABLE I. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, BY RACE, OKLAHOMA, 1945

	TOTAL		WHITE		NEGRO		INDIAN	
Estimated population, July 1, 1945	2,383,968		2,151,738		174,793		57,437	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live Births*	43,405	18.2	39,065	18.2	3,056	17.5	1,284	22.4
Physician in hospital	31,194	...	29,408	...	838	...	948	...
Physician in home	10,729	...	9,184	...	1,341	...	204	...
Midwife, other, or unknown	1,482	...	473	...	877	...	132	...
Stillbirths /	1,097	25.3	928	23.8	128	41.9	41	32.0
Physician in hospital	730	...	649	...	54	...	27	...
Physician in home	339	...	272	...	55	...	12	...
Midwife, other, or unknown	28	...	7	...	19	...	2	...
Total deaths, all causes*	18,731	7.9	16,333	7.6	1,779	10.2	619	10.8
Deaths under 1 year /	1,727	39.8	1,429	36.6	207	67.7	91	70.9
Deaths under 1 month /	1,100	25.3	948	24.3	115	37.6	37	28.8
Typhoid, paratyphoid fevers (1,2)	12	0.5	7	0.3	3	1.7	2	3.5
Undulant fever (5)	1	0.0	1	0.0	-	-	-	-
Meningococcus meningitis (6)	25	1.0	20	0.9	5	2.9	-	-
Scarlet fever (8)	7	0.3	7	0.3	-	-	-	-
Whooping cough (9)	47	2.0	32	1.5	9	5.1	6	10.4
Diphtheria (10)	51	2.1	47	2.2	-	-	4	7.0
Tetanus (12)	9	0.4	9	0.4	-	-	-	-
Tuberculosis, all forms (13-22)	823	34.5	552	25.7	141	80.7	130	226.3
Respiratory system (13)	770	32.3	518	24.1	130	74.4	122	212.4
Tularemia (26a)	4	0.2	2	0.1	1	0.6	1	1.7
Dysentery (27)	53	2.2	32	1.5	12	6.9	9	15.7
Malaria (28)	19	0.8	15	0.7	2	1.1	2	3.5
Syphilis (30)	173	7.3	123	5.7	36	20.6	14	24.4
Influenza (33)	225	9.4	186	8.6	25	14.3	14	24.4
Smallpox (34)	-	-	-	-	-	-	-	-
Measles(35)	4	0.2	2	0.1	1	0.6	1	1.7
Acute poliomyelitis and acute poliocencephalitis (36)	13	0.5	12	0.6	1	0.6	-	-
Acute infectious encephalitis (37)	4	0.2	4	0.2	-	-	-	-
Rocky Mountain spotted fever (39a)	9	0.4	8	0.4	-	-	1	1.7
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	60	2.5	48	2.2	9	5.1	3	5.2
Cancer (45-55)	2,212	92.8	2,019	93.8	156	89.2	37	64.4
Other tumors (56-57)	122	5.1	107	5.0	15	8.6	-	-
Acute rheumatic fever (58)	17	0.7	15	0.7	1	0.6	1	1.7
Diabetes mellitus (61)	356	14.9	318	14.8	21	12.0	17	29.6
Pellagra (69)	29	1.2	28	1.3	1	0.6	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	79	3.3	68	3.2	10	5.7	1	1.7
Diseases of the blood and blood forming organs (72-76)	171	7.2	158	7.3	10	5.7	3	5.2
Chronic poisoning and intoxication (77-79)	16	0.7	12	0.6	2	1.1	2	3.5
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,911	80.2	1,704	79.2	154	88.1	53	92.3
Other diseases of nervous system and sense organs (80-82, 84-89)	234	9.8	215	10.0	17	9.7	2	3.5
Diseases of the heart (90-95)	4,287	179.8	3,945	183.3	293	167.6	49	85.3
Diseases of the arteries (96-99)	328	13.8	307	14.3	17	9.7	4	7.0
Other diseases of the circulatory system (100-103)	84	3.5	71	3.3	11	6.3	2	3.5
Pneumonia, all forms (107-109)	866	36.3	690	32.1	126	72.1	50	87.1
Other diseases of the respiratory system (104-106, 110-114)	248	10.4	225	10.5	19	10.9	4	7.0
Diarrhea& enteritis under2 yrs.(119)	113	4.7	91	4.2	17	9.7	5	8.7
Diarrhea& enteritis over 2 yrs.(120)	41	1.7	31	1.4	7	4.0	3	5.2
Appendicitis (121)	135	5.7	115	5.3	17	9.7	3	5.2
Hernia,intestinal obstruction (122)	196	8.2	174	8.1	16	9.2	6	10.4
Cirrhosis of the liver(124)	101	4.2	88	4.1	10	5.7	3	5.2
Other diseases of the digestive system (115-118, 123, 125-129)	364	15.3	313	14.5	41	23.5	10	17.4
Nephritis (130-132)	1,114	46.7	929	43.2	157	89.8	28	48.7
Other diseases of the genito-urinary system (133-139)	214	9.0	190	8.8	21	12.0	3	5.2
Diseases of pregnancy, childbirth, and the puerperium (140-150) /	99	2.3	69	1.8	17	5.6	13	10.1
Septicemia (140,142a,145a,147) /	36	0.8	20	0.5	10	3.3	6	3.9
Congenital malformations,diseases peculiar to first yearof life(157-161)	1,055	44.3	949	44.1	78	44.6	28	48.7
Senility (162)	491	20.6	433	20.1	50	28.6	8	13.9
Suicide (163-164)	154	6.5	146	6.8	6	3.4	2	3.5
Homicide (165-168)	133	5.6	71	3.3	57	32.6	5	8.7
Motor vehicle accidents (170)	429	18.0	395	18.4	14	8.0	20	34.8
Other accidents (169, 171-195)	1,112	46.6	975	45.3	104	59.5	33	57.5
Other defined causes (59, 151-156, 196-198)	81	3.4	69	3.2	6	3.4	6	10.4
Ill defined and unknown (199,200)	400	16.8	306	14.2	63	36.0	31	54.0

Rates from specific causes represent number per 100,000 estimated population.
* Rates represent number per 1,000 estimated population.
/ Rates represent number per 1,000 live births.

TABLE II. RESIDENT DEATHS BY IMPORTANT CAUSES BY RACE AND SEX, OKLAHOMA, 1945

Cause of Death	TOTAL		WHITE		NEGRO		INDIAN	
	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes	10,899	7,832	6,598	6,735	976	803	325	294
Typhoid, paratyphoid fevers (1,2).	7	5	5	2	2	1	-	2
Undulant fever (5)	-	1	-	1	-	-	-	-
Meningococcus meningitis (6)	10	15	8	12	2	3	-	-
Scarlet fever (8)	4	3	4	3	-	-	-	-
Whooping cough (9)	28	19	18	14	5	4	5	1
Diphtheria (10)	18	33	18	29	-	-	-	4
Tetanus (12)	6	3	6	3	-	-	-	-
Tuberculosis, all forms (13-22)	459	364	325	227	75	66	59	71
Respiratory system (13)	428	342	303	215	69	61	56	66
Tularemia (26a)	4	-	2	-	1	-	1	-
Dysentery (27)	26	27	20	12	3	9	3	6
Malaria (28)	10	9	6	9	2	-	2	-
Syphilis (30)	128	45	98	25	25	11	5	9
Influenza (33)	111	114	92	94	13	12	6	8
Smallpox (34)	-	-	-	-	-	-	-	-
Measles (35)	1	3	-	2	-	1	1	-
Acute poliomyelitis and acute polioencephalitis (36)	8	5	7	5	1	-	-	-
Acute infectious encephalitis (37)	3	1	3	1	-	-	-	-
Rocky Mountain spotted fever (39c)	4	5	4	4	-	-	-	1
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44).	29	31	26	22	2	7	1	2
Cancer (45-55)	1,091	1,121	999	1,020	72	84	20	17
Other tumors (56-57)	48	74	46	61	2	13	-	-
Acute rheumatic fever (58)	7	10	6	9	-	1	1	-
Diabetes mellitus (61)	148	208	132	186	6	15	10	7
Pellagra (69)	12	17	12	16	-	1	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	28	51	23	45	4	6	1	-
Diseases of the blood and blood forming organs (72-76)	93	78	85	73	6	4	2	1
Chronic poisoning and intoxication (77-79)	13	3	10	2	2	-	1	1
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,022	889	921	783	73	81	28	25
Other diseases of nervous system and sense organs (80-82, 84-89)	141	93	129	86	10	7	2	-
Diseases of the heart (90-95)	2,794	1,493	2,599	1,346	169	124	26	23
Diseases of the arteries (96-99)	194	134	184	123	8	9	2	2
Other diseases of the circulatory system (100-103)	41	43	38	33	2	9	1	1
Pneumonia, all forms (107-109)	488	378	378	312	77	49	33	17
Other diseases of the respiratory system (104-106, 110-114)	154	94	139	86	13	6	2	2
Diarrhea & enteritis under 2 yrs. (119)	73	40	60	31	10	7	3	2
Diarrhea & enteritis over 2 yrs. (120)	18	23	15	16	2	5	1	2
Appendicitis (121)	77	58	64	51	10	7	3	-
Hernia, intestinal obstruction (122)	97	89	81	93	11	5	5	1
Cirrhosis of the liver (124)	61	40	56	32	3	7	2	1
Other diseases of the digestive system (115-118, 123, 125-129)	188	176	166	147	17	24	5	5
Nephritis (130-132)	680	434	565	364	100	57	15	13
Other diseases of the genito-urinary system (133-139)	168	46	152	38	14	7	2	1
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✓	-	99	-	69	-	17	-	13
Septicemia (140,142a,145a,147) ✓	-	36	-	20	-	10	-	6
Congenital malformations, diseases peculiar to first year of life (157-161)	603	452	553	396	38	40	12	16
Senility (162)	258	233	222	211	32	18	4	4
Suicide (163-164)	121	33	113	33	6	-	2	-
Homicide (165-168)	107	26	59	12	45	12	3	2
Motor vehicle accidents (170)	319	110	293	102	10	4	16	4
Other accidents (169, 171-195)	716	396	634	341	62	42	20	13
Other defined causes (59, 151-156, 196-198)	43	38	35	34	4	2	4	2
Ill defined and unknown (199,200)	240	160	187	119	37	26	16	15

TABLE III. RESIDENT DEATHS BY IMPORTANT CAUSES, BY AGE AT DEATH, OKLAHOMA, 1945

Cause of Death	All Ages	AGE AT DEATH									
		Under 1	1 - 4	5 - 9	10 - 14	15 - 24	25 - 34	35 - 44	45 - 64	65 and over	Unknown
Total deaths, all causes	18,731	1,727	401	232	207	624	718	1,178	4,463	9,172	9
Typhoid, paratyphoid fevers (1,2)	12	1	2	1	1	1	-	2	4	-	-
Undulant fever (5)	1	-	-	-	-	-	-	-	-	1	-
Meningococcus meningitis (6)	25	-	8	2	2	3	1	3	1	5	-
Scarlet fever (8)	7	1	3	2	-	-	-	-	1	-	-
Whooping cough (9)	47	38	6	1	2	-	-	-	-	-	-
Diphtheria (10)	51	1	25	18	5	1	-	1	-	-	-
Tetanus (12)	9	-	1	-	1	-	-	2	4	1	-
Tuberculosis, all forms (13-22)	823	11	14	2	11	108	123	169	237	147	1
Respiratory system (13)	770	5	4	1	8	101	118	165	225	142	1
Tularemia (26a)	4	-	-	-	1	-	1	-	1	1	-
Dysentery (27)	53	35	8	1	-	-	-	-	3	6	-
Malaria (28)	19	4	-	-	-	-	1	2	1	11	-
Syphilis (30)	173	11	1	-	-	4	5	36	80	36	-
Influenza (33)	225	22	12	4	3	8	5	12	27	131	1
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	4	-	1	1	1	-	-	1	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	13	-	1	6	5	1	-	-	-	-	-
Acute infectious encephalitis (37)	4	1	-	-	-	-	-	1	2	-	-
Rocky Mountain spotted fever (39c)	9	-	1	3	2	-	-	1	2	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	60	4	3	5	1	2	11	5	18	11	-
Cancer(45-55)	2,212	1	9	5	4	18	79	167	844	1,085	-
Other tumors (56-57)	122	1	6	4	3	5	13	26	45	19	-
Acute rheumatic fever (58)	17	-	1	4	2	1	-	1	2	6	-
Diabetes mellitus (61)	356	1	-	2	2	10	10	14	96	221	-
Pellagra (69)	29	-	-	-	-	-	-	-	7	22	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	79	23	3	1	-	-	1	5	25	21	-
Diseases of the blood and blood forming organs (72-76)	171	15	9	10	8	6	5	13	39	66	-
Chronic poisoning and intoxication (77-79)	16	-	-	-	-	-	-	7	7	2	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,911	7	1	3	1	10	8	37	455	1,388	1
Other diseases of nervous system and sense organs (80-82, 84-89)	234	19	13	10	7	14	14	35	52	70	-
Diseases of the heart (90-95)	4,287	6	7	11	10	32	58	177	1,246	2,739	1
Diseases of the arteries (96-99)	328	-	-	1	-	-	-	7	54	266	-
Other diseases of the circulatory system (100-103)	84	2	1	-	-	1	4	5	11	60	-
Pneumonia, all forms (107-109)	866	217	73	13	12	17	18	30	99	387	-
Other diseases of the respiratory system (104-106, 110-114)	248	18	12	8	3	7	10	11	47	131	1
Diarrhea & enteritis under 2 yrs. (119)	113	99	14	-	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	41	-	6	4	2	-	-	3	8	18	-
Appendicitis (121)	135	-	9	6	16	16	16	11	40	21	-
Hernia, intestinal obstruction (122)	196	13	4	2	4	3	16	16	59	79	-
Cirrhosis of the liver (124)	101	-	-	-	-	2	3	12	38	46	-
Other diseases of the digestive system (115-118, 123, 125-129)	364	8	22	10	4	7	21	40	108	144	-
Nephritis (130-132)	1,114	2	7	7	6	20	20	47	244	760	1
Other diseases of the genito-urinary system (133-139)	214	1	-	-	1	4	12	13	38	145	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✓	99	-	-	-	-	29	37	31	2	-	-
Septicemia (140,142a,145a,147) ✓	36	-	-	-	-	11	12	13	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	1,055	1,027	13	3	1	4	6	1	-	-	-
Senility (162)	491	-	-	-	-	-	-	-	4	487	-
Suicide (163-164)	154	-	-	-	1	10	30	25	65	23	-
Homicide (165-168)	133	3	-	2	1	24	27	36	33	6	1
Motor vehicle accidents (170)	429	4	24	20	23	101	53	58	93	53	-
Other accidents (169, 171-195)	1,112	49	73	55	57	141	98	96	199	342	2
Other defined causes (59, 151-156, 196-198)	81	6	-	-	-	4	2	5	24	40	-
Ill defined and unknown (199,200)	400	76	8	5	4	10	10	14	98	175	-

TABLE IV. LEADING CAUSES OF DEATH BY RACE, OKLAHOMA, 1945

Causes of Death	Number of Deaths	Per Cent of Total
Total, All Races		
Heart disease	4287	22.9
Cancer	2212	11.8
Cerebral hemorrhage, embolism, thrombosis, softening	1911	10.2
All accidents	1541	8.2
Nephritis	1114	5.9
Congenital malformations and diseases peculiar to the first year of life	1055	5.6
Pneumonia	866	4.6
Tuberculosis	823	4.4
White		
Heart disease	3945	24.2
Cancer	2019	12.4
Cerebral hemorrhage, embolism, thrombosis, softening	1704	10.4
All accidents	1370	8.4
Congenital malformations and diseases peculiar to the first year of life	949	5.8
Nephritis	929	5.7
Pneumonia	690	4.2
Tuberculosis	552	3.4
Negro		
Heart disease	293	16.5
Nephritis	157	8.8
Cancer	156	8.8
Cerebral hemorrhage, embolism, thrombosis, softening	154	8.7
Tuberculosis	141	7.9
Pneumonia	126	7.1
All accidents	118	6.6
Congenital malformations and diseases peculiar to the first year of life	78	4.4
Indian		
Tuberculosis	130	21.0
Cerebral hemorrhage, embolism, thrombosis, softening	53	8.6
All accidents	53	8.6
Pneumonia	50	8.1
Heart disease	49	7.9
Cancer	37	6.0
Nephritis	28	4.5
Congenital malformations and diseases peculiar to the first year of life	28	4.5

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945

	ADAIR					ALFALFA					ATOKA				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	16,279		Wh.	Neg.	Ind.	13,552		Wh.	Neg.	Ind.	18,702		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	305	18.7	216	-	89	186	13.7	186	-	-	413	22.1	361	34	18
Physician in hospital	171	...	112	-	59	176	...	176	-	-	118	...	99	9	10
Physician in home	80	...	75	-	5	9	...	9	-	-	246	...	227	16	3
Midwife, other, or unknown	54	...	29	-	25	1	...	1	-	-	49	...	35	9	5
Stillbirths †	6	19.7	3	-	3	2	10.8	2	-	-	9	21.8	7	1	1
Physician in hospital	4	...	3	-	1	2	...	2	-	-	1	...	1	-	-
Physician in home	2	...	-	-	2	-	...	-	-	-	7	...	6	-	1
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	1	...	-	1	-
Total deaths, all causes*	163	10.0	101	1	61	114	8.4	114	-	-	130	7.0	101	21	8
Deaths under 1 year †	25	82.0	13	1	11	7	37.6	7	-	-	26	63.0	22	3	1
Deaths under 1 month †	11	36.1	6	1	4	3	16.1	3	-	-	19	46.0	16	2	1
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	1	5.3	1	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (10)	1	6.1	1	-	-	-	-	-	-	-	1	5.3	1	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	25	153.6	8	-	17	2	14.8	2	-	-	5	26.7	4	-	1
Respiratory system (13)	25	153.6	8	-	17	2	14.8	2	-	-	5	26.7	4	-	1
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	4	24.6	1	-	3	-	-	-	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	1	6.1	1	-	-	-	-	-	-	-	1	5.3	1	-	-
Influenza (33)	4	24.6	4	-	-	3	22.1	3	-	-	2	10.7	2	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute policencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	1	6.1	1	-	-	-	-	-	-	-	-	-	-	-	-
Cancer (45-55)	10	61.4	8	-	2	15	110.7	15	-	-	12	64.2	10	2	-
Other tumors (56-57)	1	6.1	1	-	-	-	-	-	-	-	-	-	-	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	5	30.7	2	-	3	6	44.3	6	-	-	3	16.0	3	-	-
Pellagra (69)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	1	6.1	1	-	-	1	7.4	1	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	2	12.3	2	-	-	2	14.8	2	-	-	2	10.7	2	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	12	73.7	8	-	4	11	81.2	11	-	-	19	101.6	14	4	1
Other diseases of nervous system and sense organs (80-82, 84-89)	1	6.1	1	-	-	1	7.4	1	-	-	1	5.3	1	-	-
Diseases of the heart 90-95)	17	104.4	16	-	1	34	250.9	34	-	-	11	58.8	5	6	-
Diseases of the arteries (96-99)	1	6.1	1	-	-	1	7.4	1	-	-	1	5.3	-	1	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	1	7.4	1	-	-	3	16.0	3	-	-
Pneumonia, all forms (107-109)	12	73.7	7	-	5	4	29.5	4	-	-	8	42.8	4	2	2
Other diseases of the respiratory system (104-106, 110-114)	1	6.1	1	-	-	1	7.4	1	-	-	7	37.4	7	-	-
Diarrhea & enteritis under 2 yrs. (119)	2	12.3	2	-	-	-	-	-	-	-	2	10.7	-	1	1
Diarrhea & enteritis over 2 yrs. (120)	1	6.1	1	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	2	12.3	1	-	1	1	7.4	1	-	-	1	5.3	1	-	-
Hernia, intestinal obstruction (122)	-	-	-	-	-	2	14.8	2	-	-	1	5.3	1	-	-
Cirrhosis of the liver (124)	-	-	-	-	-	1	7.4	1	-	-	1	5.3	1	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	3	18.4	3	-	-	-	-	-	-	-	4	21.4	2	1	1
Nephritis (130-132)	7	43.0	3	-	4	5	36.9	5	-	-	3	16.0	2	1	-
Other diseases of the genito-urinary system (133-139)	4	24.6	3	-	1	1	7.4	1	-	-	3	16.0	2	1	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	1	3.3	-	-	1	-	-	-	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147) †	1	3.3	-	-	1	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	5	30.7	3	-	2	4	29.5	4	-	-	20	106.9	18	2	-
Senility (162)	3	18.4	3	-	-	7	51.7	7	-	-	-	-	-	-	-
Suicide (163-164)	1	6.1	1	-	-	1	7.4	1	-	-	2	10.7	2	-	-
Homicide (165-168)	-	-	-	-	-	-	-	-	-	-	3	16.0	2	-	1
Motor vehicle accidents (170)	4	24.6	2	-	2	4	29.5	4	-	-	4	21.4	4	-	-
Other accidents (169, 171-195)	5	30.7	4	-	1	5	36.9	5	-	-	6	32.1	5	-	1
Other defined causes (59, 151-156, 196-198)	1	6.1	1	-	-	1	7.4	1	-	-	1	5.3	1	-	-
Ill defined and unknown (199,200)	25	153.6	10	1	14	-	-	-	-	-	2	10.7	2	-	-

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, 1945 - Continued

	BEAVER					BECKHAM					BLAINE				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	8,648		Wh.	Neg.	Ind.	22,169		Wh.	Neg.	Ind.	17,541		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	132	15.3	132	-	-	383	17.3	374	7	2	294	16.8	235	30	29
Physician in hospital	106	...	106	-	-	353	...	348	3	2	186	...	162	5	19
Physician in home	26	...	26	-	-	30	...	26	4	-	99	...	70	21	8
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	9	...	3	4	2
Stillbirths †	-	-	-	-	-	8	20.9	8	-	-	6	20.4	4	-	2
Physician in hospital	-	...	-	-	-	8	...	8	-	-	5	...	3	-	2
Physician in home	-	...	-	-	-	-	...	-	-	-	1	...	1	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	69	8.0	69	-	-	166	7.5	166	-	-	131	7.5	96	13	22
Deaths under 1 year †	8	60.6	8	-	-	6	15.7	6	-	-	19	64.6	9	4	6
Deaths under 1 month †	6	45.5	6	-	-	3	7.8	3	-	-	13	44.2	6	4	3
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	1	5.7	-	1	-
Scarlet fever (8)	-	-	-	-	-	1	4.5	1	-	-	-	-	-	-	-
Whooping cough (9)	1	11.6	1	-	-	-	-	-	-	-	3	17.1	2	-	1
Diphtheria (10)	-	-	-	-	-	1	4.5	1	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	1	4.5	1	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	-	-	-	-	-	1	4.5	1	-	-	11	62.7	1	1	9
Respiratory system (13)	-	-	-	-	-	1	4.5	1	-	-	8	45.6	1	1	6
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	1	5.7	1	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	-	-	-	-	-	1	4.5	1	-	-	1	5.7	1	-	-
Influenza (33)	-	-	-	-	-	1	4.5	1	-	-	-	-	-	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	1	5.7	1	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	-	-	-	-	-	2	11.4	2	-	-
Cancer (45-55)	7	80.9	7	-	-	18	81.2	18	-	-	12	68.4	12	-	-
Other tumors (56-57)	1	11.6	1	-	-	1	4.5	1	-	-	-	-	-	-	-
Acute rheumatic fever (58)	-	-	-	-	-	1	4.5	1	-	-	-	-	-	-	-
Diabetes mellitus (61)	1	11.6	1	-	-	3	13.5	3	-	-	3	17.1	3	-	-
Pellagra (69)	-	-	-	-	-	1	4.5	1	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	-	-	-	-	-	2	11.4	2	-	-
Diseases of the blood and blood forming organs (72-76)	-	-	-	-	-	3	13.5	3	-	-	-	-	-	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	1	4.5	1	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	3	34.7	3	-	-	28	126.3	28	-	-	14	79.8	14	-	-
Other diseases of nervous system and sense organs (80-82, 84-89)	-	-	-	-	-	2	9.0	2	-	-	1	5.7	1	-	-
Diseases of the heart (90-95)	19	219.7	19	-	-	43	194.0	43	-	-	29	165.3	24	4	1
Diseases of the arteries (96-99)	1	11.6	1	-	-	5	22.6	5	-	-	4	22.8	3	1	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	1	11.6	1	-	-	9	40.6	9	-	-	6	34.2	1	1	4
Other diseases of the respiratory system (104-106, 110-114)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhea & enteritis under 2 yrs. (119)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	2	23.1	2	-	-	-	-	-	-	-	1	5.7	1	-	-
Appendicitis (121)	1	11.6	1	-	-	1	4.5	1	-	-	-	-	-	-	-
Hernia, intestinal obstruction (122)	2	23.1	2	-	-	1	4.5	1	-	-	1	5.7	1	-	-
Cirrhosis of the liver (124)	1	11.6	1	-	-	-	-	-	-	-	1	5.7	-	1	-
Other diseases of the digestive system (115-118, 123, 125-129)	2	23.1	2	-	-	4	18.0	4	-	-	2	11.4	1	-	1
Nephritis (130-132)	6	69.4	6	-	-	11	49.6	11	-	-	1	5.7	-	1	-
Other diseases of the genito-urinary system (133-139)	-	-	-	-	-	1	4.5	1	-	-	1	5.7	1	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	6	69.4	6	-	-	3	13.5	3	-	-	9	51.3	5	3	1
Senility (162)	11	127.2	11	-	-	9	40.6	9	-	-	5	28.5	3	-	2
Suicide (163-164)	-	-	-	-	-	1	4.5	1	-	-	4	22.8	4	-	-
Homicide (165-168)	-	-	-	-	-	-	-	-	-	-	1	5.7	-	-	1
Motor vehicle accidents (170)	-	-	-	-	-	6	27.1	6	-	-	5	28.5	4	-	1
Other accidents (169, 171-195)	4	46.3	4	-	-	7	31.6	7	-	-	6	34.2	5	-	1
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	-	-	-	-	-	2	11.4	2	-	-
Ill defined and unknown (199, 200)	-	-	-	-	-	1	4.5	1	-	-	1	5.7	1	-	-

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, 1945 - Continued

	BRYAN					CADDO					CANADIAN				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	41,215		Wh.	Neg.	Ind.	41,567		Wh.	Neg.	Ind.	26,916		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	567	13.8	545	11	11	815	19.6	693	31	91	502	18.7	472	18	12
Physician in hospital	273	...	268	-	5	479	...	408	1	70	433	...	417	4	12
Physician in home	286	...	273	7	6	321	...	282	22	17	67	...	53	14	-
Midwife, other, or unknown	8	...	4	4	-	15	...	3	8	4	2	...	2	-	-
Stillbirths †	19	33.5	18	-	1	32	39.3	26	2	4	11	21.9	9	2	-
Physician in hospital	11	...	10	-	1	19	...	15	-	4	8	...	7	1	-
Physician in home	8	...	8	-	-	13	...	11	2	-	3	...	2	1	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	249	6.0	237	7	5	318	7.7	260	18	40	235	8.7	215	16	4
Deaths under 1 year †	19	33.5	18	-	1	30	36.8	20	3	7	22	43.8	21	1	-
Deaths under 1 month †	14	24.7	14	-	-	17	20.9	14	-	3	14	27.9	13	1	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	1	2.4	-	1	-	-	-	-	-	-
Diphtheria (10)	1	2.4	1	-	-	-	-	-	-	-	3	11.1	3	-	-
Tetanus (12)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	10	24.3	9	1	-	26	62.6	9	1	16	4	14.9	2	-	2
Respiratory system (13)	10	24.3	9	1	-	24	57.7	9	1	14	4	14.9	2	-	2
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	1	2.4	1	-	-	1	2.4	-	-	1	1	3.7	1	-	-
Malaria (28)	2	4.9	2	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	2	4.9	2	-	-	4	9.6	2	-	2	-	-	-	-	-
Influenza (33)	3	7.3	3	-	-	4	9.6	4	-	-	-	-	-	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	1	2.4	-	-	1	2	7.4	2	-	-
Cancer (45-55)	28	67.9	26	1	1	32	77.0	32	-	-	26	96.6	25	1	-
Other tumors (56-57)	1	2.4	1	-	-	1	2.4	1	-	-	2	7.4	2	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	1	2.4	1	-	-	3	7.2	3	-	-	7	26.0	7	-	-
Pellagra (69)	1	2.4	1	-	-	1	2.4	1	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	1	2.4	-	1	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	1	2.4	-	-	1	1	2.4	-	-	1	6	22.3	6	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	18	43.7	18	-	-	34	81.8	27	2	5	22	81.7	19	3	-
Other diseases of nervous system and sense organs (80-82, 84-89)	2	4.9	2	-	-	3	7.2	3	-	-	5	18.6	5	-	-
Diseases of the heart (90-95)	56	135.9	54	1	1	66	158.8	59	5	2	73	271.2	67	6	-
Diseases of the arteries (96-99)	8	19.4	7	1	-	10	24.1	10	-	-	8	29.7	8	-	-
Other diseases of the circulatory system (100-103)	1	2.4	1	-	-	2	4.8	2	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	13	31.5	11	2	-	16	38.5	12	2	2	11	40.9	9	1	1
Other diseases of the respiratory system (104-106, 110-114)	4	9.7	4	-	-	3	7.2	3	-	-	2	7.4	1	-	1
Diarrhea & enteritis under 2 yrs. (119)	2	4.9	2	-	-	4	9.6	2	-	2	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Appendicitis (121)	3	7.3	3	-	-	3	7.2	2	1	-	2	7.4	2	-	-
Hernia, intestinal obstruction (122)	1	2.4	1	-	-	5	12.0	3	-	2	3	11.1	3	-	-
Cirrhosis of the liver (124)	2	4.9	2	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	6	14.6	6	-	-	7	16.8	6	1	-	3	11.1	3	-	-
Nephritis (130-132)	23	55.8	23	-	-	14	33.7	12	1	1	6	22.3	5	1	-
Other diseases of the genito-urinary system (133-139)	1	2.4	1	-	-	3	7.2	3	-	-	2	7.4	1	1	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	-	-	-	-	-	4	4.9	4	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	2	2.5	2	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	12	29.1	12	-	-	17	40.9	14	-	3	12	44.6	12	-	-
Senility (162)	6	14.6	6	-	-	12	28.9	12	-	-	8	29.7	8	-	-
Suicide (163-164)	5	12.1	4	1	-	1	2.4	1	-	-	4	14.9	4	-	-
Homicide (165-168)	1	2.4	1	-	-	2	4.8	1	1	-	3	11.1	-	3	-
Motor vehicle accidents (170)	4	9.7	4	-	-	6	14.4	6	-	-	4	14.9	4	-	-
Other accidents (169, 171-195)	11	26.7	11	-	-	18	43.3	15	1	2	10	37.2	10	-	-
Other defined causes (59, 151-156, 196-198)	1	2.4	1	-	-	2	4.8	2	-	-	1	3.7	1	-	-
Ill defined and unknown (199, 200)	18	43.7	16	-	2	6	14.4	5	1	-	5	18.6	5	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	CARTER					CHEROKEE					CHOCTAW				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	44,275		Wh.	Neg.	Ind.	22,899		Wh.	Neg.	Ind.	28,358		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	744	16.8	652	80	12	389	17.0	323	7	59	493	17.4	361	113	19
Physician in hospital	453	...	434	12	7	221	...	174	1	46	238	...	219	6	13
Physician in home	282	...	218	59	5	118	...	113	3	2	136	...	115	20	1
Midwife, other, or unknown	9	...	-	9	-	50	...	36	3	11	119	...	27	87	5
Stillbirths †	22	29.6	16	6	-	14	36.0	12	-	2	17	34.5	10	6	1
Physician in hospital	13	...	11	2	-	8	...	6	-	2	5	...	5	-	-
Physician in home	9	...	5	4	-	6	...	6	-	-	7	...	5	1	1
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	5	...	-	5	-
Total deaths, all causes*	330	7.5	268	54	8	149	6.5	110	3	36	183	6.5	126	46	11
Deaths under 1 year †	29	39.0	21	7	1	14	36.0	11	-	3	22	44.6	14	7	1
Deaths under 1 month †	20	26.9	14	6	-	6	15.4	6	-	-	14	28.4	9	5	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	1	4.4	1	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	1	2.3	1	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	2	4.5	1	-	1	-	-	-	-	-	2	7.1	1	1	-
Diphtheria (10)	-	-	-	-	-	4	17.5	2	-	2	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	14	31.6	9	4	1	16	69.9	6	-	10	10	35.3	5	1	4
Respiratory system (13)	12	27.1	8	3	1	16	69.9	6	-	10	10	35.3	5	1	4
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	1	3.5	-	-	1
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	4	14.1	1	2	1
Malaria (28)	-	-	-	-	-	1	4.4	1	-	-	1	3.5	-	1	-
Influenza (33)	4	9.0	4	-	-	-	-	-	-	-	2	7.1	1	1	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cancer (45-55)	45	101.6	38	6	1	19	83.0	15	1	3	27	95.2	24	3	-
Other tumors (56-57)	-	-	-	-	-	-	-	-	-	-	3	10.6	2	1	-
Acute rheumatic fever (58)	1	2.3	1	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	4	9.0	4	-	-	4	17.5	4	-	-	2	7.1	1	1	-
Pellagra (69)	2	4.5	1	1	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	2	4.5	2	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	3	6.8	3	-	-	1	4.4	1	-	-	-	-	-	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	33	74.5	28	3	2	17	74.2	13	1	3	17	59.9	14	1	2
Other diseases of nervous system and sense organs (80-82, 84-89)	3	6.8	3	-	-	-	-	-	-	-	1	3.5	1	-	-
Diseases of the heart (90-95)	80	180.7	70	8	2	12	52.4	8	-	4	35	123.4	26	8	1
Diseases of the arteries (96-99)	9	20.3	9	-	-	5	21.8	3	-	2	2	7.1	2	-	-
Other diseases of the circulatory system (100-103)	5	11.3	3	2	-	1	4.4	1	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	16	36.1	10	5	1	19	83.0	15	-	4	9	31.7	6	3	-
Other diseases of the respiratory system (104-106, 110-114)	1	2.3	1	-	-	1	4.4	1	-	-	2	7.1	2	-	-
Diarrhea & enteritis under 2 yrs. (119)	1	2.3	1	-	-	2	8.7	2	-	-	1	3.5	1	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	5	11.3	3	2	-	1	4.4	1	-	-	1	3.5	1	-	-
Hernia, intestinal obstruction (122)	2	4.5	1	1	-	2	8.7	2	-	-	1	3.5	1	-	-
Cirrhosis of the liver (124)	1	2.3	1	-	-	-	-	-	-	-	1	3.5	1	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	6	13.6	6	-	-	-	-	-	-	-	1	3.5	1	-	-
Nephritis (130-132)	17	38.4	15	2	-	7	30.6	4	1	2	11	38.8	6	4	1
Other diseases of the genito-urinary system (133-139)	2	4.5	-	2	-	2	8.7	2	-	-	-	-	-	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	1	1.3	1	-	-	1	2.6	1	-	-	1	2.0	1	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	18	40.7	14	4	-	7	30.6	7	-	-	13	45.8	8	5	-
Senility (162)	7	15.8	6	1	-	4	17.5	3	-	1	11	38.8	9	2	-
Suicide (163-164)	1	2.3	1	-	-	1	4.4	1	-	-	1	3.5	1	-	-
Homicide (165-168)	7	15.8	4	3	-	3	13.1	2	-	1	4	14.1	1	3	-
Motor vehicle accidents (170)	8	18.1	8	-	-	3	13.1	1	-	2	2	7.1	2	-	-
Other accidents (169, 171-195)	22	49.7	17	5	-	8	34.9	7	-	1	12	42.3	4	7	1
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	-	-	-	-	-	1	3.5	1	-	-
Ill defined and unknown (199, 200)	6	13.6	2	4	-	4	17.5	4	-	-	3	10.6	2	1	-

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, 1945 - Continued

	CIMARRON					CLEVELAND					COAL				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	3,654		Wh.	Neg.	Ind.	29,188		Wh.	Neg.	Ind.	12,811		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	49	13.4	49	-	-	601	20.6	595	-	6	179	14.0	167	3	9
Physician in hospital	39	...	39	-	-	470	...	466	-	4	78	...	71	-	7
Physician in home	10	...	10	-	-	126	...	125	-	1	98	...	94	2	2
Midwife, other, or unknown	-	...	-	-	-	5	...	4	-	1	3	...	2	1	-
Stillbirths †	-	-	-	-	-	17	28.3	17	-	-	6	33.5	5	-	1
Physician in hospital	-	...	-	-	-	11	...	11	-	-	1	...	-	-	1
Physician in home	-	...	-	-	-	6	...	6	-	-	5	...	5	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	37	10.1	37	-	-	205	7.0	203	1	1	84	6.6	75	4	5
Deaths under 1 year †	2	40.8	2	-	-	20	33.3	20	-	-	8	44.7	6	1	1
Deaths under 1 month †	-	-	-	-	-	12	20.0	12	-	-	4	22.3	3	-	1
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	1	7.8	1	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	1	3.4	1	-	-	1	7.8	1	-	-
Diphtheria (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	-	-	-	-	-	7	24.0	7	-	-	4	31.2	3	-	1
Respiratory system (13)	-	-	-	-	-	7	24.0	7	-	-	4	31.2	3	-	1
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	2	15.6	-	1	1
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	-	-	-	-	-	3	10.3	3	-	-	2	15.6	1	1	-
Influenza (33)	1	27.4	1	-	-	1	3.4	1	-	-	1	7.8	-	-	1
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	2	6.9	2	-	-	1	7.8	1	-	-
Cancer (45-55)	5	136.8	5	-	-	21	71.9	21	-	-	13	101.5	13	-	-
Other tumors (56-57)	-	-	-	-	-	1	3.4	1	-	-	1	7.8	1	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	1	27.4	1	-	-	6	20.6	6	-	-	1	7.8	1	-	-
Pellagra (69)	-	-	-	-	-	1	3.4	1	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	2	6.9	2	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	-	-	-	-	-	2	6.9	2	-	-	1	7.8	1	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	5	136.8	5	-	-	27	92.5	27	-	-	7	54.6	7	-	-
Other diseases of nervous system and sense organs (80-82, 84-89)	1	27.4	1	-	-	3	10.3	3	-	-	-	-	-	-	-
Diseases of the heart (90-95)	3	82.0	3	-	-	44	150.7	44	-	-	14	109.3	14	-	-
Diseases of the arteries (96-99)	-	-	-	-	-	3	10.3	3	-	-	1	7.8	1	-	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	3	82.0	3	-	-	6	20.6	6	-	-	4	31.2	4	-	-
Other diseases of the respiratory system (104-106, 110-114)	-	-	-	-	-	1	3.4	1	-	-	2	15.6	2	-	-
Diarrhea & enteritis under 2 yrs. (119)	-	-	-	-	-	2	6.9	2	-	-	1	7.8	1	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hernia, intestinal obstruction (122)	1	27.4	1	-	-	1	3.4	1	-	-	1	7.8	1	-	-
Cirrhosis of the liver (124)	-	-	-	-	-	3	10.3	2	-	1	-	-	-	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	1	27.4	1	-	-	4	13.7	4	-	-	2	15.6	2	-	-
Nephritis (130-132)	2	54.7	2	-	-	2	6.9	2	-	-	2	15.6	2	-	-
Other diseases of the genito-urinary system (133-139)	-	-	-	-	-	1	3.4	1	-	-	1	7.8	1	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	-	-	-	-	-	1	1.7	1	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	-	-	-	-	-	13	44.5	13	-	-	1	7.8	1	-	-
Senility (162)	3	82.0	3	-	-	5	17.1	5	-	-	2	15.6	2	-	-
Suicide (163-164)	1	27.4	1	-	-	5	17.1	5	-	-	2	15.6	1	-	1
Homicide (165-168)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Motor vehicle accidents (170)	1	27.4	1	-	-	3	10.3	3	-	-	2	15.6	2	-	-
Other accidents (169, 171-195)	7	191.6	7	-	-	31	106.2	30	1	-	4	31.2	3	1	-
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	2	6.9	2	-	-	-	-	-	-	-
Ill defined and unknown (199, 200)	2	54.7	2	-	-	1	3.4	1	-	-	10	78.1	9	-	1

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	COMANCHE					COTTON					CRAIG				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	41,440		Wh.	Neg.	Ind.	11,541		Wh.	Neg.	Ind.	21,083		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	1255	30.3	1137	68	50	204	17.7	187	8	9	253	12.0	238	6	9
Physician in hospital	1043	...	988	5	50	109	...	100	-	9	202	...	195	-	7
Physician in home	189	...	145	44	-	92	...	86	6	-	48	...	41	5	2
Midwife, other, or unknown	23	...	4	19	-	3	...	1	2	-	3	...	2	1	-
Stillbirths †	36	28.7	33	2	1	5	24.5	4	1	-	7	27.7	6	-	1
Physician in hospital	29	...	28	-	1	2	...	2	-	-	6	...	5	-	1
Physician in home	6	...	5	1	-	3	...	2	1	-	1	...	1	-	-
Midwife, other, or unknown	1	...	-	1	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	323	7.8	273	37	13	91	7.9	88	1	2	164	7.8	149	14	1
Deaths under 1 year †	43	34.3	31	9	3	3	14.7	3	-	-	6	23.7	6	-	-
Deaths under 1 month †	27	21.5	21	4	2	2	9.8	2	-	-	6	23.7	6	-	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	2	4.8	1	1	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	3	7.2	2	1	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (10)	1	2.4	1	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	5	12.1	3	1	1	5	43.3	4	-	1	7	33.2	6	1	-
Respiratory system (13)	4	9.7	3	1	-	5	43.3	4	-	1	6	28.5	5	1	-
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	3	7.2	3	-	-	-	-	-	-	-	2	9.5	2	-	-
Influenza (33)	1	2.4	1	-	-	5	43.3	4	-	1	2	9.5	-	2	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	1	2.4	1	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	2	4.8	1	1	-	-	-	-	-	-	1	4.7	1	-	-
Cancer (45-55)	26	62.7	21	3	2	7	60.7	6	1	-	19	90.1	18	1	-
Other tumors (56-57)	2	4.8	2	-	-	-	-	-	-	-	-	-	-	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	8	19.3	8	-	-	2	17.3	2	-	-	3	14.2	1	1	1
Pellagra (69)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	1	2.4	1	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	4	9.7	4	-	-	-	-	-	-	-	-	-	-	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	1	8.7	1	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening, (83)	25	60.3	22	3	-	10	86.6	10	-	-	20	94.9	17	3	-
Other diseases of nervous system and sense organs (80-82, 84-89)	4	9.7	3	1	-	1	8.7	1	-	-	2	9.5	2	-	-
Diseases of the heart (90-95)	80	193.0	73	6	1	19	164.4	19	-	-	40	189.7	39	1	-
Diseases of the arteries (96-99)	11	26.5	10	1	-	2	17.3	2	-	-	5	23.7	5	-	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	18	43.4	14	1	3	1	8.7	1	-	-	3	14.2	2	1	-
Other diseases of the respiratory system (104-106, 110-114)	4	9.7	3	1	-	1	8.7	1	-	-	2	9.5	2	-	-
Diarrhea & enteritis under 2 yrs. (119)	3	7.2	-	3	-	-	-	-	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	1	8.7	1	-	-	2	9.5	1	1	-
Appendicitis (121)	2	4.8	2	-	-	-	-	-	-	-	1	4.7	1	-	-
Hernia, intestinal obstruction (122)	4	9.7	3	1	-	2	17.3	2	-	-	2	9.5	2	-	-
Cirrhosis of the liver (124)	1	2.4	1	-	-	-	-	-	-	-	1	4.7	1	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	6	14.5	4	1	1	1	8.7	1	-	-	4	19.0	3	1	-
Nephritis (130-132)	9	21.7	8	1	-	12	104.0	12	-	-	13	61.7	13	-	-
Other diseases of the genito-urinary system (133-139)	4	9.7	4	-	-	1	8.7	1	-	-	2	9.5	1	1	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	4	3.2	2	-	2	-	-	-	-	-	2	7.9	2	-	-
Septicemia (140,142a,145a,147) †	2	1.6	1	-	1	-	-	-	-	-	1	4.0	1	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	23	55.5	20	1	2	3	26.0	3	-	-	6	28.5	6	-	-
Senility (162)	8	19.3	8	-	-	3	26.0	3	-	-	7	33.2	7	-	-
Suicide (163-164)	7	16.9	6	1	-	-	-	-	-	-	2	9.5	2	-	-
Homicide (165-168)	6	14.5	1	5	-	-	-	-	-	-	1	4.7	1	-	-
Motor vehicle accidents (170)	11	26.5	9	1	1	2	17.3	2	-	-	-	-	-	-	-
Other accidents (169, 171-195)	25	60.3	24	1	-	7	60.7	7	-	-	9	42.7	8	1	-
Other defined causes (59, 151-156, 196-198)	3	7.2	2	1	-	-	-	-	-	-	-	-	-	-	-
Ill defined and unknown (199, 200)	6	14.5	5	1	-	5	43.3	5	-	-	6	28.5	6	-	-

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, 1945 - Continued

	CREEK					CUSTER					DELAWARE				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	50,982		Wh.	Neg.	Ind.	23,068		Wh.	Neg.	Ind.	18,592		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	887	17.4	763	105	19	470	20.4	441	8	21	227	12.2	186	-	41
Physician in hospital	582	...	559	8	15	414	...	386	8	20	89	...	67	-	22
Physician in home	236	...	194	39	3	56	...	55	-	1	125	...	114	-	11
Midwife, other, or unknown	69	...	10	58	1	-	...	-	-	-	13	...	5	-	8
Stillbirths †	29	32.7	24	4	1	12	25.5	10	1	1	5	22.0	4	-	1
Physician in hospital	17	...	16	-	1	6	...	4	1	1	1	...	1	-	-
Physician in home	11	...	8	3	-	6	...	6	-	-	4	...	3	-	1
Midwife, other, or unknown	1	...	-	1	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	431	8.5	358	62	11	210	9.1	191	9	10	119	6.4	97	-	22
Deaths under 1 year †	43	48.5	36	6	1	24	51.1	22	1	1	10	44.1	6	-	4
Deaths under 1 month †	27	30.4	23	3	1	16	34.0	16	-	-	5	22.0	4	-	1
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	2	10.8	1	-	1
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	1	5.4	1	-	-
Diphtheria (10)	2	3.9	2	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	23	45.1	17	5	1	3	13.0	2	1	-	15	80.7	4	-	11
Respiratory system (13)	21	41.2	15	5	1	3	13.0	2	1	-	13	69.9	3	-	10
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	1	4.3	1	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	1	5.4	1	-	-
Syphilis (30)	4	7.8	3	1	-	1	4.3	1	-	-	2	10.8	2	-	-
Influenza (33)	5	9.8	4	1	-	2	8.7	1	-	1	3	16.1	2	-	1
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39a)	1	2.0	1	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	1	2.0	1	-	-	-	-	-	-	-	-	-	-	-	-
Cancer (45-55)	46	90.2	41	5	-	27	117.0	27	-	-	9	48.4	8	-	1
Other tumors (56-57)	1	2.0	1	-	-	-	-	-	-	-	-	-	-	-	-
Acute rheumatic fever (58)	1	2.0	1	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	10	19.6	8	1	1	6	26.0	5	-	1	-	-	-	-	-
Pellagra (69)	1	2.0	1	-	-	1	4.3	1	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	1	2.0	1	-	-	3	13.0	3	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	2	3.9	2	-	-	4	17.3	4	-	-	2	10.8	1	-	1
Chronic poisoning and intoxication (77-79)	1	2.0	1	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	46	90.2	37	8	1	19	82.4	17	1	1	15	80.7	13	-	2
Other diseases of nervous system and sense organs (80-82, 84-89)	8	15.7	7	1	-	5	21.7	5	-	-	1	5.4	1	-	-
Diseases of the heart (90-95)	101	19.6	89	11	1	46	199.4	44	-	2	24	129.1	23	-	1
Diseases of the arteries (96-99)	5	9.8	5	-	-	5	21.7	5	-	-	1	5.4	1	-	-
Other diseases of the circulatory system (100-103)	3	5.9	2	1	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	15	29.4	10	4	1	10	43.4	6	3	1	5	26.9	5	-	-
Other diseases of the respiratory system (104-106, 110-114)	8	15.7	7	1	-	5	21.7	5	-	-	-	-	-	-	-
Diarrhea & enteritis under 2 yrs. (119)	3	5.9	-	3	-	2	8.7	2	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	6	11.8	6	-	-	1	4.3	1	-	-	-	-	-	-	-
Hernia, intestinal obstruction (122)	1	2.0	1	-	-	2	8.7	2	-	-	-	-	-	-	-
Cirrhosis of the liver (124)	1	2.0	1	-	-	-	-	-	-	-	1	5.4	1	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	6	11.8	6	-	-	2	8.7	2	-	-	4	21.5	3	-	1
Nephritis (130-132)	27	53.0	21	5	1	17	73.7	15	1	1	9	48.4	9	-	-
Other diseases of the genito-urinary system (133-139)	5	9.8	4	1	-	4	17.3	3	1	-	2	10.8	2	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	4	4.5	2	1	1	1	2.1	1	-	-	2	8.8	2	-	-
Septicemia (140,142a,145a,147) †	2	2.3	1	1	-	-	-	-	-	-	1	4.4	1	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	31	60.8	28	2	1	18	78.0	17	-	1	5	26.9	4	-	1
Senility (162)	16	31.4	13	3	-	8	34.7	7	-	1	1	5.4	1	-	-
Suicide (163-164)	3	5.9	3	-	-	1	4.3	1	-	-	1	5.4	1	-	-
Homicide (165-168)	1	2.0	1	-	-	2	8.7	-	2	-	-	-	-	-	-
Motor vehicle accidents (170)	8	15.7	7	-	1	2	8.7	2	-	-	3	16.1	2	-	1
Other accidents (169, 171-195)	28	55.0	19	7	2	8	34.7	8	-	-	5	26.9	4	-	1
Other defined causes (59, 151-156, 196-198)	1	2.0	1	-	-	1	4.3	1	-	-	-	-	-	-	-
Ill defined and unknown (199, 200)	5	9.8	4	1	-	3	13.0	2	-	1	5	26.9	5	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	DEWEY					ELLIS					GARFIELD				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	11,315		Wh.	Neg.	Ind.	7,377		Wh.	Neg.	Ind.	45,429		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	158	14.0	154	-	4	140	19.0	140	-	-	880	19.4	853	27	-
Physician in hospital	90	...	88	-	2	120	...	120	-	-	837	...	815	22	-
Physician in home	66	...	65	-	1	19	...	19	-	-	40	...	35	5	-
Midwife, other, or unknown	2	...	1	-	1	1	...	1	-	-	3	...	3	-	-
Stillbirths ✓	2	12.7	1	-	1	4	28.6	4	-	-	23	26.1	23	-	-
Physician in hospital	1	...	1	-	-	4	...	4	-	-	22	...	22	-	-
Physician in home	-	...	-	-	-	-	...	-	-	-	1	...	1	-	-
Midwife, other, or unknown	1	...	-	-	1	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	70	6.2	64	-	6	73	9.9	73	-	-	474	10.4	455	19	-
Deaths under 1 year ✓	5	31.4	3	-	2	6	42.9	6	-	-	37	42.0	32	5	-
Deaths under 1 month ✓	4	25.3	3	-	1	5	35.7	5	-	-	23	26.1	20	3	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	2	4.4	2	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	2	17.7	1	-	1	-	-	-	-	-	24	52.8	23	1	-
Respiratory system (13)	2	17.7	1	-	1	-	-	-	-	-	23	50.6	22	1	-
Tularemia (26a)	-	-	-	-	-	1	13.6	1	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	1	8.8	1	-	-	-	-	-	-	-	7	15.4	6	1	-
Influenza (33)	1	8.8	-	-	1	1	13.6	1	-	-	8	17.6	8	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	1	13.6	1	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	1	8.8	1	-	-	1	13.6	1	-	-	1	2.2	1	-	-
Cancer (45-55)	6	53.0	6	-	-	14	189.8	14	-	-	54	118.9	53	1	-
Other tumors (56-57)	-	-	-	-	-	-	-	-	-	-	2	4.4	2	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	2	17.7	2	-	-	1	13.6	1	-	-	5	11.0	5	-	-
Pellagra (69)	-	-	-	-	-	1	13.6	1	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	1	8.8	1	-	-	-	-	-	-	-	1	2.2	1	-	-
Diseases of the blood and blood forming organs (72-76)	-	-	-	-	-	-	-	-	-	-	14	30.8	13	1	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	1	2.2	1	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	9	79.5	8	-	1	9	122.0	9	-	-	46	101.3	44	2	-
Other diseases of nervous system and sense organs (80-82, 84-89)	1	8.8	1	-	-	1	13.6	1	-	-	12	26.4	12	-	-
Diseases of the heart (90-95)	15	132.6	15	-	-	23	311.8	23	-	-	120	264.1	118	2	-
Diseases of the arteries (96-99)	3	26.5	3	-	-	2	27.1	2	-	-	11	24.2	11	-	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-	1	2.2	1	-	-
Pneumonia, all forms (107-109)	1	8.8	1	-	-	1	13.6	1	-	-	15	33.0	12	3	-
Other diseases of the respiratory system (104-106, 110-114)	2	17.7	2	-	-	1	13.6	1	-	-	3	6.6	2	1	-
Diarrhea & enteritis under 2 yrs.(119)	-	-	-	-	-	1	13.6	1	-	-	2	4.4	2	-	-
Diarrhea & enteritis over 2 yrs.(120)	-	-	-	-	-	-	-	-	-	-	1	2.2	1	-	-
Appendicitis (121)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hernia, intestinal obstruction (122)	-	-	-	-	-	1	13.6	1	-	-	5	11.0	5	-	-
Cirrhosis of the liver (124)	1	8.8	1	-	-	-	-	-	-	-	3	6.6	2	1	-
Other diseases of the digestive system (115-118, 123, 125-129)	1	8.8	1	-	-	-	-	-	-	-	14	30.8	14	-	-
Nephritis (130-132)	3	26.5	3	-	-	5	67.8	5	-	-	39	85.8	38	1	-
Other diseases of the genito-urinary system (133-139)	-	-	-	-	-	-	-	-	-	-	9	19.8	9	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✓	1	6.3	1	-	-	1	7.1	1	-	-	2	2.3	2	-	-
Septicemia (140,142a,145a,147) ✓	-	-	-	-	-	1	7.1	1	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	5	44.2	3	-	2	5	67.8	5	-	-	22	48.2	20	2	-
Senility (162)	5	44.2	5	-	-	-	-	-	-	-	11	24.2	10	1	-
Suicide (163-164)	1	8.8	1	-	-	-	-	-	-	-	3	6.6	3	-	-
Homicide (165-168)	1	8.8	1	-	-	-	-	-	-	-	2	4.4	2	-	-
Motor vehicle accidents (170)	1	8.8	1	-	-	1	13.6	1	-	-	4	8.8	4	-	-
Other accidents (169, 171-195)	4	35.4	3	-	1	2	27.1	2	-	-	19	41.8	18	1	-
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	-	-	-	-	-	4	8.8	4	-	-
Ill defined and unknown (199, 200)	2	17.7	2	-	-	-	-	-	-	-	7	15.4	6	1	-

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, 1945 - Continued

	GARVIN					GRADY					GRANT				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	31,018		Wh.	Neg.	Ind.	41,116		Wh.	Neg.	Ind.	12,591		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	567	18.3	533	31	3	777	18.9	741	34	2	141	11.2	141	-	-
Physician in hospital	459	...	454	3	2	514	...	509	3	2	122	...	122	-	-
Physician in home	106	...	79	26	1	260	...	229	31	-	19	...	19	-	-
Midwife, other, or unknown	2	...	-	2	-	3	...	3	-	-	-	...	-	-	-
Stillbirths ✓	15	26.5	15	-	-	17	21.9	16	1	-	1	7.1	1	-	-
Physician in hospital	11	...	11	-	-	10	...	10	-	-	1	...	1	-	-
Physician in home	4	...	4	-	-	7	...	6	1	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	202	6.5	184	13	5	281	6.8	254	27	-	91	7.2	91	-	-
Deaths under 1 year ✓	14	27.7	12	2	-	25	32.2	23	2	-	5	35.5	5	-	-
Deaths under 1 month ✓	7	12.3	7	-	-	15	19.3	14	1	-	2	14.2	2	-	-
Typhoid, paratyphoid fevers (1,2)	1	3.2	1	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	1	2.4	-	1	-	1	7.9	1	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	3	9.7	3	-	-	2	4.9	2	-	-	-	-	-	-	-
Diphtheria (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	7	22.6	4	-	3	6	14.6	4	2	-	1	7.9	1	-	-
Respiratory system (13)	7	22.6	4	-	3	6	14.6	4	2	-	1	7.9	1	-	-
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	-	-	-	-	-	1	2.4	-	1	-	-	-	-	-	-
Influenza (33)	3	9.7	3	-	-	5	12.2	5	-	-	1	7.9	1	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	-	-	-	-	-	1	7.9	1	-	-
Cancer (45-55)	21	67.7	21	-	-	36	87.6	34	2	-	11	87.4	11	-	-
Other tumors (56-57)	-	-	-	-	-	4	9.7	3	1	-	1	7.9	1	-	-
Acute rheumatic fever (58)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Diabetes mellitus (61)	3	9.7	3	-	-	5	12.2	5	-	-	1	7.9	1	-	-
Pellagra (69)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	1	3.2	-	1	-	1	2.4	1	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	4	12.9	3	1	-	1	2.4	1	-	-	-	-	-	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	33	106.4	31	2	-	24	58.4	23	1	-	11	87.4	11	-	-
Other diseases of nervous system and sense organs (80-82, 84-89)	3	9.7	3	-	-	4	9.7	3	1	-	1	7.9	1	-	-
Diseases of the heart (90-95)	55	177.3	51	4	-	59	143.5	55	4	-	27	214.4	27	-	-
Diseases of the arteries (96-99)	2	6.4	2	-	-	4	9.7	4	-	-	3	23.8	3	-	-
Other diseases of the circulatory system (100-103)	2	6.4	2	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	10	32.2	8	1	1	18	43.8	14	4	-	6	47.7	6	-	-
Other diseases of the respiratory system (104-106, 110-114)	4	12.9	4	-	-	4	9.7	4	-	-	1	7.9	1	-	-
Diarrhea & enteritis under 2 yrs.(119)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs.(120)	-	-	-	-	-	-	-	-	-	-	1	7.9	1	-	-
Appendicitis (121)	-	-	-	-	-	2	4.9	2	-	-	-	-	-	-	-
Hernia, intestinal obstruction (122)	2	6.4	2	-	-	2	4.9	2	-	-	-	-	-	-	-
Cirrhosis of the liver (124)	1	3.2	-	1	-	1	2.4	-	1	-	-	-	-	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	2	6.4	1	1	-	8	19.5	8	-	-	1	7.9	1	-	-
Nephritis (130-132)	11	35.5	10	-	1	16	38.9	13	3	-	9	71.5	9	-	-
Other diseases of the genito-urinary system (133-139)	-	-	-	-	-	8	19.5	8	-	-	3	23.8	3	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✓	2	2.6	2	-	-	1	1.8	1	-	-	1	7.1	1	-	-
Septicemia (140,142a,145a,147) ✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	5	16.1	5	-	-	11	26.8	11	-	-	3	23.8	3	-	-
Senility (162)	2	6.4	1	1	-	12	29.2	11	1	-	1	7.9	1	-	-
Suicide (163-164)	-	-	-	-	-	3	7.3	3	-	-	-	-	-	-	-
Homicide (165-168)	-	-	-	-	-	2	4.9	1	1	-	-	-	-	-	-
Motor vehicle accidents (170)	8	25.8	8	-	-	13	31.6	13	-	-	1	7.9	1	-	-
Other accidents (169, 171-195)	11	35.5	10	1	-	13	31.6	12	1	-	3	23.8	3	-	-
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	1	2.4	1	-	-	2	15.9	2	-	-
Ill defined and unknown (199, 200)	7	22.6	7	-	-	7	17.0	4	3	-	-	-	-	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	GREER					HARMON					HARPER				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	14,550		Wh.	Neg.	Ind.	10,019		Wh.	Neg.	Ind.	5,768		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	192	13.2	182	10	-	170	17.0	166	4	-	111	19.2	111	-	-
Physician in hospital	147	...	147	-	-	87	...	87	-	-	77	...	77	-	-
Physician in home	44	...	35	9	-	83	...	79	4	-	34	...	34	-	-
Midwife, other, or unknown	1	...	-	1	-	-	...	-	-	-	-	...	-	-	-
Stillbirths †	10	52.1	7	3	-	4	23.5	3	1	-	-	-	-	-	-
Physician in hospital	6	...	6	-	-	1	...	1	-	-	-	...	-	-	-
Physician in home	4	...	1	3	-	3	...	2	1	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	119	8.2	116	3	-	56	5.6	52	4	-	57	9.9	57	-	-
Deaths under 1 year †	9	46.9	8	1	-	4	23.5	4	-	-	6	54.1	6	-	-
Deaths under 1 month †	7	36.5	6	1	-	2	11.8	2	-	-	4	36.0	4	-	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (10)	1	6.9	1	-	-	2	20.0	2	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	3	20.6	3	-	-	1	10.0	1	-	-	2	34.7	2	-	-
Respiratory system (13)	3	20.6	3	-	-	1	10.0	1	-	-	2	34.7	2	-	-
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	2	13.7	2	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (33)	2	13.7	2	-	-	2	20.0	2	-	-	1	17.3	1	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute policencephalitis (36)	-	-	-	-	-	1	10.0	1	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cancer (45-55)	12	82.5	12	-	-	3	29.9	2	1	-	6	104.0	6	-	-
Other tumors (56-57)	2	13.7	2	-	-	-	-	-	-	-	-	-	-	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	1	17.3	1	-	-
Diabetes mellitus (61)	2	13.7	2	-	-	-	-	-	-	-	1	17.3	1	-	-
Pellagra (69)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	-	-	-	-	-	1	17.3	1	-	-
Diseases of the blood and blood forming organs (72-76)	1	6.9	1	-	-	-	-	-	-	-	1	17.3	1	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	12	82.5	12	-	-	9	89.8	9	-	-	5	86.7	5	-	-
Other diseases of nervous system and sense organs (80-82, 84-89)	1	6.9	1	-	-	-	-	-	-	-	1	17.3	1	-	-
Diseases of the heart (90-95)	23	158.1	23	-	-	19	189.6	19	-	-	8	138.7	8	-	-
Diseases of the arteries (96-99)	3	20.6	3	-	-	-	-	-	-	-	1	17.3	1	-	-
Other diseases of the circulatory system (100-103)	2	13.7	2	-	-	1	10.0	1	-	-	1	17.3	1	-	-
Pneumonia, all forms (107-109)	3	20.6	3	-	-	5	49.9	5	-	-	4	69.3	4	-	-
Other diseases of the respiratory system (104-106, 110-114)	3	20.6	2	1	-	-	-	-	-	-	2	34.7	2	-	-
Diarrhea & enteritis under 2 yrs. (119)	1	6.9	1	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	1	6.9	1	-	-	1	10.0	1	-	-	-	-	-	-	-
Hernia, intestinal obstruction (122)	-	-	-	-	-	1	10.0	1	-	-	-	-	-	-	-
Cirrhosis of the liver (124)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	2	13.7	2	-	-	-	-	-	-	-	-	-	-	-	-
Nephritis (130-132)	6	41.2	6	-	-	3	29.9	3	-	-	6	104.0	6	-	-
Other diseases of the genito-urinary system (133-139)	3	20.6	2	1	-	-	-	-	-	-	3	52.0	3	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first yearof life(157-161)	8	55.0	7	1	-	3	29.9	3	-	-	3	52.0	3	-	-
Senility (162)	16	110.0	16	-	-	1	10.0	1	-	-	3	52.0	3	-	-
Suicide (163-164)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Homicide (165-168)	-	-	-	-	-	1	10.0	-	1	-	-	-	-	-	-
Motor vehicle accidents (170)	1	6.9	1	-	-	-	-	-	-	-	1	17.3	1	-	-
Other accidents (169, 171-195)	8	55.0	8	-	-	2	20.0	-	2	-	3	52.0	3	-	-
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	1	10.0	1	-	-	-	-	-	-	-
Ill defined and unknown (199,200)	1	6.9	1	-	-	-	-	-	-	-	3	52.0	3	-	-

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, 1945 - Continued

	HASKELL					HUGHES					JACKSON				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	17,906		Wh.	Neg.	Ind.	28,588		Wh.	Neg.	Ind.	22,708		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	265	14.8	256	2	7	541	18.9	461	36	44	400	17.6	366	32	2
Physician in hospital	30	...	28	-	2	328	...	295	4	29	315	...	312	2	1
Physician in home	228	...	223	1	4	194	...	162	18	14	82	...	54	27	1
Midwife, other, or unknown	7	...	5	1	1	19	...	4	14	1	3	...	-	3	-
Stillbirths †	5	18.9	5	-	-	16	29.6	15	-	1	9	22.5	8	1	-
Physician in hospital	2	...	2	-	-	9	...	8	-	1	6	...	6	-	-
Physician in home	3	...	3	-	-	7	...	7	-	-	3	...	2	1	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	110	6.1	104	1	5	199	7.0	166	13	20	151	6.6	135	16	-
Deaths under 1 year †	15	56.6	15	-	-	22	40.7	15	3	4	18	45.0	15	3	-
Deaths under 1 month †	6	22.6	6	-	-	12	22.2	9	2	1	11	27.5	8	3	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	1	4.4	-	1	-
Undulant fever (5)	1	5.6	1	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	2	11.2	2	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	2	11.2	2	-	-	1	3.5	1	-	-	1	4.4	1	-	-
Diphtheria (10)	-	-	-	-	-	1	3.5	1	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	2	11.2	2	-	-	17	59.5	11	3	3	5	22.0	4	1	-
Respiratory system (13)	2	11.2	2	-	-	15	52.5	9	3	3	5	22.0	4	1	-
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	2	7.0	1	-	1	1	4.4	1	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	-	-	-	-	-	3	10.5	1	-	2	1	4.4	1	-	-
Influenza (33)	-	-	-	-	-	2	7.0	2	-	-	1	4.4	1	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute policencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	1	3.5	1	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	1	5.6	1	-	-	2	7.0	2	-	-	-	-	-	-	-
Cancer (45-55)	14	78.2	12	-	2	29	101.4	26	1	2	21	92.5	21	-	-
Other tumors (56-57)	2	11.2	2	-	-	1	3.5	1	-	-	2	8.8	2	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	1	5.6	1	-	-	2	7.0	1	-	1	2	8.8	2	-	-
Pellagra (69)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	1	3.5	1	-	-	1	4.4	1	-	-
Diseases of the blood and blood forming organs (72-76)	1	5.6	1	-	-	-	-	-	-	-	1	4.4	1	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	1	3.5	1	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	7	39.1	7	-	-	15	52.5	14	-	1	14	61.7	13	1	-
Other diseases of nervous system and sense organs (80-82, 84-89)	-	-	-	-	-	1	3.5	-	1	-	4	17.6	4	-	-
Diseases of the heart (90-95)	24	134.0	22	1	1	39	136.4	38	1	-	30	132.1	26	4	-
Diseases of the arteries (96-99)	1	5.6	1	-	-	1	3.5	1	-	-	4	17.6	4	-	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	7	39.1	7	-	-	15	52.5	11	2	2	14	61.7	13	1	-
Other diseases of the respiratory system (104-106, 110-114)	1	5.6	1	-	-	2	7.0	1	-	1	4	17.6	3	1	-
Diarrhea & enteritis under 2 yrs. (119)	-	-	-	-	-	1	3.5	1	-	-	3	13.2	3	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	-	-	-	-	-	1	4.4	1	-	-
Appendicitis (121)	-	-	-	-	-	1	3.5	-	1	-	-	-	-	-	-
Hernia, intestinal obstruction (122)	2	11.2	2	-	-	-	-	-	-	-	3	13.2	2	1	-
Cirrhosis of the liver (124)	1	5.6	-	-	1	1	3.5	1	-	-	1	4.4	1	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	2	11.2	2	-	-	5	17.5	5	-	-	-	-	-	-	-
Nephritis (130-132)	12	67.0	12	-	-	13	45.5	10	1	2	5	22.0	3	2	-
Other diseases of the genito-urinary system (133-139)	2	11.2	2	-	-	-	-	-	-	-	1	4.4	1	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	3	11.3	3	-	-	3	5.5	1	-	2	-	-	-	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	1	1.8	-	-	1	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life(157-161)	4	22.3	4	-	-	11	38.5	9	1	1	10	44.0	8	2	-
Senility (162)	-	-	-	-	-	5	17.5	5	-	-	5	22.0	5	-	-
Suicide (163-164)	-	-	-	-	-	1	3.5	1	-	-	-	-	-	-	-
Homicide (165-168)	1	5.6	1	-	-	1	3.5	1	-	-	1	4.4	1	-	-
Motor vehicle accidents (170)	-	-	-	-	-	7	24.5	6	-	1	3	13.2	3	-	-
Other accidents (169, 171-195)	4	22.3	4	-	-	12	42.0	12	-	-	7	30.8	6	1	-
Other defined causes (59, 151-156, 196-198)	1	5.6	1	-	-	-	-	-	-	-	1	4.4	1	-	-
Ill defined and unknown (199,200)	12	67.0	11	-	1	2	7.0	-	2	-	4	17.6	3	1	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	JEFFERSON					JOHNSTON					KAY				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	13,907		Wh.	Neg.	Ind.	15,960		Wh.	Neg.	Ind.	47,084		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	238	17.1	233	2	3	199	12.5	181	7	11	910	19.3	848	19	43
Physician in hospital	120	...	118	-	2	88	...	79	2	7	860	...	802	16	42
Physician in home	118	...	115	2	1	110	...	102	5	3	49	...	46	3	-
Midwife, other, or unknown	-	...	-	-	-	1	...	-	-	1	1	...	-	-	1
Stillbirths ✓	5	21.0	5	-	-	3	15.1	3	-	-	20	22.0	20	-	-
Physician in hospital	2	...	2	-	-	2	...	2	-	-	18	...	18	-	-
Physician in home	1	...	1	-	-	1	...	1	-	-	2	...	2	-	-
Midwife, other, or unknown	2	...	2	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	118	8.5	109	8	1	92	5.8	84	1	7	458	9.7	433	15	10
Deaths under 1 year ✓	9	37.8	8	1	-	11	55.3	10	-	1	25	27.5	22	3	-
Deaths under 1 month ✓	7	29.4	6	1	-	8	40.2	8	-	-	15	16.5	14	1	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	2	14.4	2	-	-	4	25.1	4	-	-	17	36.1	14	1	2
Respiratory system (13)	2	14.4	2	-	-	4	25.1	4	-	-	15	31.9	12	1	2
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	-	-
Malaria (28)	1	7.2	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	-	-	-	-	-	1	6.3	1	-	-	5	10.6	3	2	-
Influenza (33)	3	21.6	3	-	-	4	25.1	3	-	1	5	10.6	4	-	1
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	1	6.3	1	-	-	-	-	-	-	-
Cancer (45-55)	18	129.4	17	1	-	14	87.7	13	-	1	60	127.4	60	-	-
Other tumors (56-57)	-	-	-	-	-	1	6.3	1	-	-	3	6.4	3	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	2	14.4	2	-	-	2	12.5	2	-	-	9	19.1	8	1	-
Pellagra (69)	-	-	-	-	-	1	6.3	1	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	-	-	-	-	-	5	10.6	5	-	-
Diseases of the blood and blood forming organs (72-76)	-	-	-	-	-	1	6.3	1	-	-	7	14.9	7	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	14	100.7	14	-	-	12	75.2	11	1	-	44	93.5	42	-	2
Other diseases of nervous system and sense organs (80-82, 84-89)	1	7.2	1	-	-	2	12.5	2	-	-	5	10.6	5	-	-
Diseases of the heart (90-95)	27	194.1	24	3	-	14	87.7	13	-	1	125	265.5	122	1	2
Diseases of the arteries (96-99)	2	14.4	2	-	-	2	12.5	2	-	-	11	23.4	11	-	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	-	-
Pneumonia, all forms (107-109)	3	21.6	3	-	-	8	50.1	8	-	-	18	38.2	15	3	-
Other diseases of the respiratory system (104-106, 110-114)	5	36.0	5	-	-	-	-	-	-	-	5	10.6	5	-	-
Diarrhea & enteritis under 2 yrs. (119)	1	7.2	1	-	-	-	-	-	-	-	1	2.1	1	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	1	7.2	1	-	-	1	6.3	1	-	-	3	6.4	2	1	-
Hernia, intestinal obstruction (122)	1	7.2	1	-	-	1	6.3	1	-	-	7	14.9	6	1	-
Cirrhosis of the liver (124)	1	7.2	1	-	-	-	-	-	-	-	2	4.2	2	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	2	14.4	2	-	-	1	6.3	-	-	1	10	21.2	10	-	-
Nephritis (130-132)	6	43.1	6	-	-	4	25.1	3	-	1	32	68.0	32	-	-
Other diseases of the genito-urinary system (133-139)	2	14.4	2	-	-	-	-	-	-	-	9	19.1	8	1	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✓	1	4.2	1	-	-	-	-	-	-	-	1	1.1	1	-	-
Septicemia (140,142a,145a,147) ✓	1	4.2	1	-	-	-	-	-	-	-	1	1.1	1	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	7	50.3	6	1	-	10	62.7	9	-	1	14	29.7	13	1	-
Senility (162)	3	21.6	2	1	-	1	6.3	1	-	-	3	6.4	2	1	-
Suicide (163-164)	1	7.2	-	-	1	-	-	-	-	-	5	10.6	5	-	-
Homicide (165-168)	-	-	-	-	-	-	-	-	-	-	2	4.2	2	-	-
Motor vehicle accidents (170)	5	36.0	5	-	-	1	6.3	-	-	1	15	31.9	12	1	2
Other accidents (169, 171-195)	6	43.1	4	2	-	6	37.6	6	-	-	24	51.0	22	1	1
Other defined causes (59, 151-156, 196-198)	1	7.2	1	-	-	-	-	-	-	-	3	6.4	3	-	-
Ill defined and unknown (199,200)	2	14.4	2	-	-	-	-	-	-	-	5	10.6	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, 1945 - Continued

	KINGFISHER					KIOWA					LATIMER				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	15,437		Wh.	Neg.	Ind.	22,817		Wh.	Neg.	Ind.	12,380		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	219	14.2	194	19	6	435	19.1	410	11	14	209	16.9	190	7	12
Physician in hospital	145	...	138	3	4	346	...	328	7	11	44	...	38	-	6
Physician in home	69	...	56	12	1	89	...	82	4	3	156	...	144	6	6
Midwife, other, or unknown	5	...	-	4	1	-	...	-	-	-	9	...	8	1	-
Stillbirths ✓	4	18.3	4	-	-	13	29.9	10	1	2	5	23.9	4	-	1
Physician in hospital	4	...	4	-	-	11	...	9	1	1	2	...	1	-	1
Physician in home	-	...	-	-	-	2	...	1	-	1	3	...	3	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	118	7.6	98	20	-	173	7.6	160	4	9	61	4.9	51	4	6
Deaths under 1 year ✓	5	22.8	4	1	-	6	13.8	6	-	-	9	43.1	8	-	1
Deaths under 1 month ✓	3	13.7	3	-	-	2	4.6	2	-	-	6	28.7	6	-	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	1	8.1	1	-	-
Diphtheria (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	1	8.1	1	-	-
Tuberculosis, all forms (13-22)	-	-	-	-	-	5	21.9	2	-	3	2	16.2	1	1	-
Respiratory system (13)	-	-	-	-	-	5	21.9	2	-	3	2	16.2	1	1	-
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	-	-	-	-	-	1	4.4	-	1	-	1	8.1	-	-	1
Influenza (33)	1	6.5	1	-	-	2	8.8	2	-	-	-	-	-	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	1	4.4	1	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cancer (45-55)	13	84.2	11	2	-	20	87.7	19	-	1	3	24.2	2	-	1
Other tumors (56-57)	-	-	-	-	-	2	8.8	2	-	-	1	8.1	1	-	-
Acute rheumatic fever (58)	1	6.5	1	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	2	13.0	2	-	-	3	13.1	3	-	-	1	8.1	1	-	-
Pellagra (69)	-	-	-	-	-	-	-	-	-	-	1	8.1	1	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	1	4.4	-	-	1	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	3	19.4	3	-	-	-	-	-	-	-	-	-	-	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	13	84.2	13	-	-	23	100.8	23	-	-	6	48.5	6	-	-
Other diseases of nervous system and sense organs (80-82, 84-89)	2	13.0	2	-	-	3	13.1	3	-	-	-	-	-	-	-
Diseases of the heart (90-95)	33	213.8	28	5	-	45	197.2	45	-	-	11	88.9	10	1	-
Diseases of the arteries (96-99)	8	51.8	6	2	-	8	35.1	7	-	1	-	-	-	-	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	1	4.4	1	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	2	13.0	1	1	-	8	35.1	8	-	-	6	48.5	5	1	-
Other diseases of the respiratory system (104-106, 110-114)	1	6.5	1	-	-	1	4.4	1	-	-	-	-	-	-	-
Diarrhea & enteritis under 2 yrs. (119)	-	-	-	-	-	1	4.4	1	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	2	8.8	2	-	-	-	-	-	-	-
Appendicitis (121)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hernia, intestinal obstruction (122)	1	6.5	1	-	-	3	13.1	3	-	-	1	8.1	-	-	1
Cirrhosis of the liver (124)	1	6.5	1	-	-	3	13.1	3	-	-	-	-	-	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	2	13.0	2	-	-	5	21.9	4	-	1	1	8.1	1	-	-
Nephritis (130-132)	7	45.3	3	4	-	6	26.3	5	1	-	5	40.4	4	-	1
Other diseases of the genito-urinary system (133-139)	1	6.5	1	-	-	2	8.8	2	-	-	-	-	-	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✓	2	9.1	1	1	-	1	2.3	-	-	1	2	9.6	2	-	-
Septicemia (140,142a,145a,147) ✓	2	9.1	1	1	-	1	2.3	-	-	1	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	5	32.4	3	2	-	2	8.8	2	-	-	7	56.5	7	-	-
Senility (162)	5	32.4	5	-	-	6	26.3	5	1	-	1	8.1	1	-	-
Suicide (163-164)	1	6.5	1	-	-	1	4.4	1	-	-	1	8.1	1	-	-
Homicide (165-168)	2	13.0	-	2	-	-	-	-	-	-	-	-	-	-	-
Motor vehicle accidents (170)	1	6.5	1	-	-	4	17.5	4	-	-	3	24.2	2	-	1
Other accidents (169, 171-195)	9	58.3	8	1	-	10	43.8	8	1	1	1	8.1	-	-	1
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	2	8.8	2	-	-	1	8.1	1	-	-
Ill defined and unknown (199,200)	2	13.0	2	-	-	1	4.4	1	-	-	4	32.3	3	1	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	LEFLORE					LINCOLN					LOGAN				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	45,866		Wh.	Neg.	Ind.	27,319		Wh.	Neg.	Ind.	23,924		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	715	15.6	674	27	14	392	14.3	337	50	5	431	18.0	339	92	-
Physician in hospital	196	...	185	1	10	201	...	195	1	5	275	...	266	9	-
Physician in home	485	...	466	16	3	168	...	134	34	-	110	...	68	42	-
Midwife, other, or unknown	34	...	23	10	1	23	...	8	15	-	46	...	5	41	-
Stillbirths †	19	26.6	17	1	1	10	25.5	10	-	-	12	27.8	9	3	-
Physician in hospital	7	...	6	1	-	3	...	3	-	-	8	...	8	-	-
Physician in home	12	...	11	-	1	7	...	7	-	-	3	...	1	2	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	1	...	-	1	-
Total deaths, all causes*	296	6.5	275	13	8	229	8.4	204	23	2	259	10.8	194	64	1
Deaths under 1 year †	27	37.8	25	-	2	16	40.8	12	4	-	16	37.1	9	7	-
Deaths under 1 month †	20	28.0	19	-	1	13	33.2	9	4	-	8	18.6	4	4	-
Typhoid, paratyphoid fevers (1,2)	1	2.2	1	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	1	3.7	1	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	2	8.4	-	2	-
Diphtheria (10)	-	-	-	-	-	1	3.7	1	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	12	26.2	12	-	-	9	32.9	8	1	-	12	50.2	8	4	-
Respiratory system (13)	11	24.0	11	-	-	9	32.9	8	1	-	11	46.0	7	4	-
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	1	2.2	1	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	2	4.4	1	-	1	3	11.0	2	1	-	-	-	-	-	-
Influenza (33)	7	15.3	6	-	1	2	7.3	1	1	-	3	12.5	3	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39e)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	-	-	-	-	-	1	4.2	1	-	-
Cancer (45-55)	35	76.3	33	1	1	23	84.2	21	1	1	25	104.5	18	7	-
Other tumors (56-57)	3	6.5	3	-	-	-	-	-	-	-	1	4.2	1	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	6	13.1	6	-	-	3	11.0	3	-	-	9	37.6	8	1	-
Pellagra (69)	1	2.2	1	-	-	2	7.3	2	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	1	2.2	-	1	-	-	-	-	-	-	2	8.4	-	2	-
Diseases of the blood and blood forming organs (72-76)	2	4.4	2	-	-	2	7.3	2	-	-	5	20.9	4	1	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	28	61.0	24	3	1	26	95.2	26	-	-	34	142.1	25	9	-
Other diseases of nervous system and sense organs (80-82, 84-89)	7	15.3	7	-	-	1	3.7	-	1	-	2	8.4	-	2	-
Diseases of the heart (90-95)	63	137.4	59	4	-	59	216.0	53	5	1	64	267.5	55	8	1
Diseases of the arteries (96-99)	6	13.1	5	-	1	7	25.6	7	-	-	8	33.4	8	-	-
Other diseases of the circulatory system (100-103)	1	2.2	1	-	-	-	-	-	-	-	2	8.4	2	-	-
Pneumonia, all forms (107-109)	13	28.3	11	1	1	7	25.6	7	-	-	14	58.5	10	4	-
Other diseases of the respiratory system (104-106, 110-114)	5	10.9	5	-	-	4	14.6	4	-	-	4	16.7	4	-	-
Diarrhea & enteritis under 2 yrs. (119)	1	2.2	1	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	2	4.4	1	1	-	-	-	-	-	-	1	4.2	1	-	-
Appendicitis (121)	3	6.5	3	-	-	2	7.3	2	-	-	4	16.7	3	1	-
Hernia, intestinal obstruction (122)	4	8.7	3	-	1	-	-	-	-	-	2	8.4	2	-	-
Cirrhosis of the liver (124)	1	2.2	1	-	-	2	7.3	2	-	-	-	-	-	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	10	21.8	10	-	-	2	7.3	2	-	-	1	4.2	1	-	-
Nephritis (130-132)	19	41.4	17	1	1	11	40.3	9	2	-	22	92.0	16	6	-
Other diseases of the genito-urinary system (133-139)	3	6.5	3	-	-	6	22.0	6	-	-	3	12.5	3	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	3	4.2	2	1	-	1	2.6	-	1	-	1	2.3	-	1	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	-	-	-	-	-	1	2.3	-	1	-
Congenital malformations, diseases peculiar to first year of life (157-161)	18	39.2	18	-	-	12	43.9	9	3	-	9	37.6	5	4	-
Senility (162)	5	10.9	5	-	-	9	32.9	7	2	-	5	20.9	2	3	-
Suicide (163-164)	3	6.5	3	-	-	3	11.0	3	-	-	4	16.7	3	1	-
Homicide (165-168)	-	-	-	-	-	-	-	-	-	-	2	8.4	-	2	-
Motor vehicle accidents (170)	6	13.1	6	-	-	5	18.3	5	-	-	-	-	-	-	-
Other accidents (169, 171-195)	17	37.1	17	-	-	13	47.6	12	1	-	13	54.3	9	4	-
Other defined causes (59, 151-156, 196-198)	3	6.5	3	-	-	4	14.6	3	1	-	-	-	-	-	-
Ill defined and unknown (199,200)	4	8.7	4	-	-	9	32.9	6	3	-	4	16.7	2	2	-

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, 1945 - Continued

	LOVE					McCLAIN					McCURTAIN				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	11,433		Wh.	Neg.	Ind.	17,961		Wh.	Neg.	Ind.	44,761		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	141	12.3	132	6	3	334	18.6	323	10	1	692	15.5	512	123	57
Physician in hospital	21	...	21	-	-	153	...	151	1	1	160	...	126	6	28
Physician in home	118	...	110	5	3	174	...	172	2	-	434	...	359	60	15
Midwife, other, or unknown	2	...	1	1	-	7	...	-	7	-	98	...	27	57	14
Stillbirths †	3	21.3	3	-	-	7	21.0	7	-	-	22	31.8	20	1	1
Physician in hospital	1	...	1	-	-	2	...	2	-	-	4	...	3	-	1
Physician in home	2	...	2	-	-	5	...	5	-	-	18	...	17	1	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	35	3.1	30	3	2	90	5.0	81	7	2	237	5.3	182	38	17
Deaths under 1 year †	1	7.1	1	-	-	6	18.0	4	1	1	32	46.2	23	6	3
Deaths under 1 month †	1	7.1	1	-	-	3	9.0	2	1	-	24	34.7	20	2	2
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	1	5.6	1	-	-	1	2.2	1	-	-
Diphtheria (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	3	26.2	1	1	1	6	33.4	5	1	-	7	15.6	4	-	3
Respiratory system (13)	3	26.2	1	1	1	6	33.4	5	1	-	6	13.4	3	-	3
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	3	6.7	3	-	-
Syphilis (30)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (33)	2	17.5	2	-	-	3	16.7	3	-	-	5	11.2	4	1	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	1	8.7	1	-	-	1	5.6	1	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39e)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	-	-	-	-	-	1	2.2	-	1	-
Cancer (45-55)	4	35.0	3	1	-	15	83.5	13	2	-	30	67.0	22	6	2
Other tumors (56-57)	-	-	-	-	-	1	5.6	1	-	-	2	4.5	1	1	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	1	2.2	-	-	1
Diabetes mellitus (61)	-	-	-	-	-	-	-	-	-	-	2	4.5	2	-	-
Pellagra (69)	1	8.7	1	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	-	-	-	-	-	1	2.2	1	-	-
Diseases of the blood and blood forming organs (72-76)	2	17.5	2	-	-	1	5.6	1	-	-	-	-	-	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	2	17.5	2	-	-	11	61.2	9	1	1	31	69.3	27	3	1
Other diseases of nervous system and sense organs (80-82, 84-89)	-	-	-	-	-	2	11.1	2	-	-	4	8.9	3	1	-
Diseases of the heart (90-95)	7	61.2	7	-	-	18	100.2	18	-	-	44	98.3	40	3	1
Diseases of the arteries (96-99)	-	-	-	-	-	3	16.7	2	1	-	2	4.5	2	-	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-	1	2.2	-	-	1
Pneumonia, all forms (107-109)	2	17.5	2	-	-	8	44.5	8	-	-	12	26.8	7	3	2
Other diseases of the respiratory system (104-106, 110-114)	-	-	-	-	-	1	5.6	1	-	-	2	4.5	1	1	-
Diarrhea & enteritis under 2 yrs. (119)	-	-	-	-	-	2	11.1	1	-	1	1	2.2	1	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	-	-	-	-	-	1	2.2	-	-	1
Appendicitis (121)	-	-	-	-	-	-	-	-	-	-	3	6.7	3	-	-
Hernia, intestinal obstruction (122)	-	-	-	-	-	1	5.6	1	-	-	2	4.5	2	-	-
Cirrhosis of the liver (124)	-	-	-	-	-	1	5.6	1	-	-	-	-	-	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	-	-	-	-	-	1	5.6	1	-	-	7	15.6	5	2	-
Nephritis (130-132)	3	26.2	1	1	1	1	5.6	1	-	-	14	31.3	7	5	2
Other diseases of the genito-urinary system (133-139)	2	17.5	2	-	-	-	-	-	-	-	2	4.5	2	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	-	-	-	-	-	-	-	-	-	-	1	1.4	-	1	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	-	-	-	-	-	1	1.4	-	1	-
Congenital malformations, diseases peculiar to first year of life (157-161)	1	8.7	1	-	-	2	11.1	1	1	-	18	40.2	16	1	1
Senility (162)	1	8.7	1	-	-	3	16.7	3	-	-	4	8.9	1	3	-
Suicide (163-164)	-	-	-	-	-	2	11.1	2	-	-	2	4.5	2	-	-
Homicide (165-168)	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-
Motor vehicle accidents (170)	-	-	-	-	-	-	-	-	-	-	7	15.6	7	-	-
Other accidents (169, 171-195)	2	17.5	2	-	-	5	27.8	4	1	-	14	31.3	10	4	-
Other defined causes (59, 151-156, 196-198)	1	8.7	1	-	-	-	-	-	-	-	1	2.2	1	-	-
Ill defined and unknown (199,200)	1	8.7	1	-	-	1	5.6	1	-	-	11	24.6	7	2	2

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	McINTOSH					MAJOR					MARSHALL				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	23,663		Wh.	Neg.	Ind.	11,810		Wh.	Neg.	Ind.	13,097		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	422	17.8	317	78	27	173	14.6	173	-	-	202	15.4	193	3	6
Physician in hospital	175	...	159	1	15	129	...	129	-	-	119	...	114	-	5
Physician in home	155	...	125	27	3	41	...	41	-	-	81	...	77	3	1
Midwife, other, or unknown	92	...	33	50	9	3	...	3	-	-	2	...	2	-	-
Stillbirths ✗	18	42.7	13	3	2	3	17.3	3	-	-	7	34.7	5	2	-
Physician in hospital	7	...	7	-	-	2	...	2	-	-	4	...	3	1	-
Physician in home	7	...	6	-	1	1	...	1	-	-	3	...	2	1	-
Midwife, other, or unknown	4	...	-	3	1	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	159	6.7	112	32	15	66	5.6	66	-	-	86	6.6	79	2	5
Deaths under 1 year ✗	26	61.6	19	5	2	2	11.6	2	-	-	6	29.7	6	-	-
Deaths under 1 month ✗	16	37.9	13	3	-	1	5.8	1	-	-	6	29.7	6	-	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	3	12.7	-	1	2	-	-	-	-	-	-	-	-	-	-
Diphtheria (10)	1	4.2	1	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	15	63.4	8	3	4	-	-	-	-	-	2	15.3	1	-	1
Respiratory system (13)	15	63.4	8	3	4	-	-	-	-	-	2	15.3	1	-	1
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (28)	1	4.2	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (33)	2	8.5	1	1	-	1	8.5	1	-	-	1	7.6	1	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute policencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	1	4.2	1	-	-	-	-	-	-	-	-	-	-	-	-
Cancer (45-55)	18	76.1	12	6	-	10	84.7	10	-	-	12	91.6	11	-	1
Other tumors (56-57)	1	4.2	-	1	-	-	-	-	-	-	2	15.3	2	-	-
Acute rheumatic fever (58)	-	-	-	-	-	1	8.5	1	-	-	-	-	-	-	-
Diabetes mellitus (61)	2	8.5	2	-	-	2	16.9	2	-	-	4	30.5	4	-	-
Pellagra (69)	1	4.2	1	-	-	-	-	-	-	-	2	15.3	2	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	-	-	-	-	-	2	16.9	2	-	-	1	7.6	1	-	-
Chronic poisoning and intoxication (77-79)	1	4.2	-	-	1	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	14	59.2	13	-	1	11	93.1	11	-	-	8	61.1	8	-	-
Other diseases of nervous system and sense organs (80-82, 84-89)	4	16.9	4	-	-	1	8.5	1	-	-	3	22.9	3	-	-
Diseases of the heart (90-95)	27	114.1	22	4	1	20	169.3	20	-	-	22	168.0	20	1	1
Diseases of the arteries (96-99)	2	8.5	-	2	-	1	8.5	1	-	-	-	-	-	-	-
Other diseases of the circulatory system (100-103)	1	4.2	-	1	-	-	-	-	-	-	1	7.6	-	-	1
Pneumonia, all forms (107-109)	15	63.4	10	4	1	1	8.5	1	-	-	3	22.9	3	-	-
Other diseases of the respiratory system (104-106, 110-114)	2	8.5	2	-	-	-	-	-	-	-	1	7.6	1	-	-
Diarrhea & enteritis under 2 yrs. (119)	5	21.1	3	1	1	-	-	-	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	1	4.2	-	1	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	-	-	-	-	-	2	16.9	2	-	-	1	7.6	1	-	-
Hernia, intestinal obstruction (122)	1	4.2	1	-	-	-	-	-	-	-	1	7.6	-	-	1
Cirrhosis of the liver (124)	-	-	-	-	-	-	-	-	-	-	1	7.6	1	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	3	12.7	2	-	1	3	25.4	3	-	-	3	22.9	3	-	-
Nephritis (130-132)	7	29.6	7	-	-	5	42.3	5	-	-	5	38.2	4	1	-
Other diseases of the genito-urinary system (133-139)	2	8.5	-	2	-	1	8.5	1	-	-	-	-	-	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✗	1	2.4	-	-	1	-	-	-	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147) ✗	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	10	42.3	10	-	-	-	-	-	-	-	5	38.2	5	-	-
Senility (162)	2	8.5	1	1	-	-	-	-	-	-	-	-	-	-	-
Suicide (163-164)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Homicide (165-168)	-	-	-	-	-	-	-	-	-	-	2	15.3	2	-	-
Motor vehicle accidents (170)	2	8.5	2	-	-	-	-	-	-	-	1	7.6	1	-	-
Other accidents (169, 171-195)	9	38.0	5	3	1	4	33.9	4	-	-	2	15.3	2	-	-
Other defined causes (59, 151-156, 196-198)	1	4.2	-	-	1	-	-	-	-	-	-	-	-	-	-
Ill defined and unknown (199,200)	4	16.9	3	1	-	1	8.5	1	-	-	3	22.9	3	-	-

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, 1945 - Continued

	MAYES					MURRAY					MUSKOGEE				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	23,655		Wh.	Neg.	Ind.	13,841		Wh.	Neg.	Ind.	65,914		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	457	19.3	397	4	56	209	15.1	192	10	7	1299	19.7	1041	245	13
Physician in hospital	350	...	300	-	50	154	...	147	2	5	890	...	818	65	7
Physician in home	102	...	94	4	4	54	...	44	8	2	286	...	199	83	4
Midwife, other, or unknown	5	...	3	-	2	1	...	1	-	-	123	...	24	97	2
Stillbirths ✗	9	19.7	8	-	1	10	47.8	10	-	-	35	26.9	20	15	-
Physician in hospital	7	...	7	-	-	10	...	10	-	-	22	...	17	5	-
Physician in home	2	...	1	-	1	-	...	-	-	-	10	...	3	7	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	3	...	-	3	-
Total deaths, all causes*	195	8.2	184	1	10	138	10.0	134	2	2	669	10.1	474	186	9
Deaths under 1 year ✗	26	56.9	25	-	1	7	33.5	6	1	-	64	49.3	47	15	2
Deaths under 1 month ✗	15	32.8	14	-	1	6	28.7	6	-	-	38	29.3	27	10	1
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	2	3.0	1	1	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	2	3.0	1	1	-
Diphtheria (10)	1	4.2	1	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	10	42.3	8	-	2	10	72.2	10	-	-	36	54.6	17	18	1
Respiratory system (13)	9	38.0	7	-	2	10	72.2	10	-	-	33	50.1	16	16	1
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	2	3.0	1	1	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	2	3.0	2	-	-
Syphilis (30)	2	8.5	2	-	-	1	7.2	1	-	-	12	18.2	3	8	1
Influenza (33)	3	12.7	2	-	1	3	21.7	3	-	-	6	9.1	4	2	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute policencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	2	8.5	1	-	1	-	-	-	-	-	8	12.1	4	3	1
Cancer (45-55)	17	71.9	15	-	2	17	122.8	16	-	1	86	130.5	71	14	1
Other tumors (56-57)	-	-	-	-	-	-	-	-	-	-	3	4.6	1	2	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	3	12.7	3	-	-	-	-	-	-	-	14	21.2	11	3	-
Pellagra (69)	-	-	-	-	-	-	-	-	-	-	1	1.5	1	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	3	12.7	3	-	-	1	7.2	1	-	-	3	4.6	3	-	-
Diseases of the blood and blood forming organs (72-76)	2	8.5	2	-	-	2	14.4	2	-	-	6	9.1	6	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	14	59.2	13	-	1	21	151.7	20	-	1	70	106.2	46	23	1
Other diseases of nervous system and sense organs (80-82, 84-89)	1	4.2	1	-	-	2	14.4	2	-	-	6	9.1	4	2	-
Diseases of the heart (90-95)	40	169.1	39	-	1	38	274.5	37	1	-	128	194.2	104	24	-
Diseases of the arteries (96-99)	-	-	-	-	-	1	7.2	1	-	-	3	4.6	2	1	-
Other diseases of the circulatory system (100-103)	1	4.2	1	-	-	-	-	-	-	-	9	13.7	6	3	-
Pneumonia, all forms (107-109)	11	46.5	11	-	-	11	79.5	10	1	-	31	47.0	21	9	1
Other diseases of the respiratory system (104-106, 110-114)	2	8.5	2	-	-	4	28.9	4	-	-	8	12.1	6	2	-
Diarrhea & enteritis under 2 yrs. (119)	3	12.7	3	-	-	-	-	-	-	-	8	12.1	6	2	-
Diarrhea & enteritis over 2 yrs. (120)	1	4.2	1	-	-	-	-	-	-	-	3	4.6	3	-	-
Appendicitis (121)	4	16.9	4	-	-	1	7.2	1	-	-	4	6.1	2	2	-
Hernia, intestinal obstruction (122)	3	12.7	3	-	-	-	-	-	-	-	2	3.0	1	1	-
Cirrhosis of the liver (124)	-	-	-	-	-	-	-	-	-	-	5	7.6	3	2	-
Other diseases of the digestive system (115-118, 123, 125-129)	3	12.7	2	-	1	4	28.9	4	-	-	20	30.3	12	7	1
Nephritis (130-132)	20	84.5	20	-	-	4	28.9	4	-	-	44	66.8	26	18	-
Other diseases of the genito-urinary system (133-139)	2	8.5	2	-	-	-	-	-	-	-	4	6.1	3	1	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✗	3	6.6	3	-	-	1	4.8	1	-	-	1	0.8	-	1	-
Septicemia (140,142a,145a,147) ✗	3	6.6	3	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	17	71.9	16	-	1	4	28.9	4	-	-	26	39.4	25	1	-
Senility (162)	4	16.9	3	1	-	1	7.2	1	-	-	25	37.9	11	14	-
Suicide (163-164)	2	8.5	2	-	-	-	-	-	-	-	4	6.1	4	-	-
Homicide (165-168)	2	8.5	2	-	-	-	-	-	-	-	2	3.0	-	2	-
Motor vehicle accidents (170)	7	29.6	7	-	-	4	28.9	4	-	-	9	13.7	9	-	-
Other accidents (169, 171-195)	7	29.6	7	-	-	5	36.1	5	-	-	57	86.5	46	11	-
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	-	-	-	-	-	4	6.1	-	2	2
Ill defined and unknown (199,200)	5	21.1	5	-	-	3	21.7	3	-	-	13	19.7	8	5	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	NOBLE					NOWATA					OKFUSKEE				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	14,662		Wh.	Neg.	Ind.	16,910		Wh.	Neg.	Ind.	24,842		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	175	11.9	163	4	8	230	13.6	206	20	4	454	18.3	322	100	32
Physician in hospital	115	...	108	-	7	147	...	143	1	3	225	...	194	10	21
Physician in home	60	...	55	4	1	69	...	61	8	-	182	...	118	56	8
Midwife, other, or unknown	-	...	-	-	-	14	...	2	11	1	47	...	10	34	3
Stillbirths †	4	22.9	4	-	-	1	4.3	1	-	-	11	24.2	6	4	1
Physician in hospital	3	...	3	-	-	1	...	1	-	-	4	...	3	1	-
Physician in home	1	...	1	-	-	-	...	-	-	-	7	...	3	3	1
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	135	9.2	122	6	7	136	8.0	104	30	2	183	7.4	114	47	22
Deaths under 1 year †	7	40.0	4	1	2	14	60.9	11	3	-	28	61.7	17	7	4
Deaths under 1 month †	1	5.7	1	-	-	8	34.8	8	-	-	15	33.0	12	1	2
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	1	6.8	1	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	1	6.8	-	-	1	-	-	-	-	-	2	8.1	2	-	-
Diphtheria (10)	-	-	-	-	-	2	11.8	2	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	1	6.8	1	-	-	2	11.8	1	1	-	12	48.3	2	7	3
Respiratory system (13)	1	6.8	1	-	-	2	11.8	1	1	-	12	48.3	2	7	3
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	1	5.9	-	1	-	3	12.1	-	3	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	1	6.8	-	-	1	1	5.9	1	-	-	2	8.1	-	2	-
Influenza (33)	3	20.5	2	-	1	2	11.8	-	2	-	1	4.0	-	-	1
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	1	5.9	1	-	-	1	4.0	1	-	-
Acute poliomyelitis and acute polioencephalitis (36)	1	6.8	1	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	1	5.9	1	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39e)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	1	6.8	1	-	-	-	-	-	-	-	1	4.0	1	-	-
Cancer (45-55)	21	143.2	20	1	-	25	147.8	20	5	-	19	76.5	13	5	1
Other tumors (56-57)	2	13.6	2	-	-	-	-	-	-	-	1	4.0	1	-	-
Acute rheumatic fever (58)	-	-	-	-	-	1	5.9	1	-	-	-	-	-	-	-
Diabetes mellitus (61)	4	27.3	4	-	-	6	35.5	4	1	1	2	8.1	1	1	-
Pellagra (69)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	1	6.8	1	-	-	-	-	-	-	-	2	8.1	1	1	-
Diseases of the blood and blood forming organs (72-76)	2	13.6	2	-	-	-	-	-	-	-	1	4.0	1	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	24	163.7	22	-	2	13	76.9	8	5	-	25	100.6	18	7	-
Other diseases of nervous system and sense organs (80-82,84-89)	-	-	-	-	-	2	11.8	2	-	-	3	12.1	3	-	-
Diseases of the heart (90-95)	27	184.2	27	-	-	30	177.4	22	7	1	21	84.5	13	5	3
Diseases of the arteries (96-99)	3	20.5	3	-	-	2	11.8	2	-	-	2	8.1	1	1	-
Other diseases of the circulatory system (100-103)	2	13.6	2	-	-	1	5.9	1	-	-	3	12.1	2	1	-
Pneumonia, all forms (107-109)	6	40.9	5	-	1	3	17.7	2	1	-	14	56.4	7	4	3
Other diseases of the respiratory system (104-106, 110-114)	2	13.6	2	-	-	3	17.7	2	1	-	3	12.1	3	-	-
Diarrhea & enteritis under 2 yrs. (119)	-	-	-	-	-	1	5.9	-	1	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	-	-	-	-	-	1	4.0	-	-	1
Appendicitis (121)	1	6.8	-	1	-	1	5.9	1	-	-	2	8.1	1	1	-
Hernia, intestinal obstruction (122)	1	6.8	1	-	-	3	17.7	3	-	-	2	8.1	1	1	-
Cirrhosis of the liver (124)	1	6.8	1	-	-	1	5.9	1	-	-	1	4.0	1	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	3	20.5	3	-	-	1	5.9	1	-	-	4	16.1	4	-	-
Nephritis (130-132)	9	61.4	8	1	-	10	59.1	8	2	-	13	52.3	5	6	2
Other diseases of the genito-urinary system (133-139)	-	-	-	-	-	2	11.8	2	-	-	4	16.1	4	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	-	-	-	-	-	1	4.3	1	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	1	6.8	1	-	-	8	47.3	8	-	-	15	60.4	13	1	1
Senility (162)	7	47.7	6	-	1	2	11.8	1	1	-	2	8.1	2	-	-
Suicide (163-164)	-	-	-	-	-	3	17.7	3	-	-	1	4.0	1	-	-
Homicide (165-168)	1	6.8	-	1	-	-	-	-	-	-	-	-	-	-	-
Motor vehicle accidents (170)	-	-	-	-	-	-	-	-	-	-	4	16.1	3	-	1
Other accidents (169, 171-195)	6	40.9	4	2	-	5	29.6	4	1	-	11	44.3	7	1	3
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	1	5.9	1	-	-	-	-	-	-	-
Ill defined and unknown (199,200)	2	13.6	2	-	-	1	5.9	-	1	-	5	20.1	2	-	3

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, 1945 - Continued

	OKLAHOMA					OKMULGEE					OSAGE				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	279,604		Wh.	Neg.	Ind.	46,711		Wh.	Neg.	Ind.	38,440		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	5736	20.5	5216	483	37	898	19.2	660	204	34	552	14.4	506	16	30
Physician in hospital	5227	...	4930	267	30	572	...	530	17	25	422	...	389	4	29
Physician in home	471	...	274	191	6	210	...	125	79	6	119	...	115	3	1
Midwife, other, or unknown	38	...	12	25	1	116	...	5	108	3	11	...	2	9	-
Stillbirths †	137	23.9	113	24	-	20	22.3	13	7	-	18	32.6	16	-	2
Physician in hospital	118	...	102	16	-	14	...	11	3	-	11	...	9	-	2
Physician in home	15	...	8	7	-	5	...	2	3	-	6	...	6	-	-
Midwife, other, or unknown	4	...	3	1	-	1	...	-	1	-	1	...	1	-	-
Total deaths, all causes*	2377	8.5	2104	267	6	427	9.1	322	92	13	285	7.4	251	10	24
Deaths under 1 year †	240	41.8	214	24	2	39	43.4	22	14	3	13	23.6	12	1	-
Deaths under 1 month †	172	30.0	152	19	1	17	18.9	11	5	1	8	14.5	7	1	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	3	1.1	3	-	-	1	2.1	1	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	1	2.1	-	1	-	-	-	-	-	-
Diphtheria (10)	5	1.8	5	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	2	0.7	2	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	79	28.3	57	22	-	20	42.8	13	7	-	15	39.0	8	-	7
Respiratory system (13)	73	26.1	52	21	-	19	40.7	13	6	-	12	31.2	6	-	6
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	3	1.1	3	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	2	4.3	-	1	1	-	-	-	-	-
Syphilis (30)	19	6.8	15	4	-	4	8.6	2	1	1	1	2.6	1	-	-
Influenza (33)	14	5.0	7	7	-	10	21.4	8	2	-	8	20.8	7	1	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	2	0.7	2	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39e)	2	0.7	1	-	1	-	-	-	-	-	1	2.6	1	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	8	2.9	6	2	-	-	-	-	-	-	2	5.2	2	-	-
Cancer (45-55)	281	100.5	264	17	-	47	100.6	36	9	2	34	88.5	32	1	1
Other tumors (56-57)	17	6.1	15	2	-	2	4.3	1	1	-	4	10.4	4	-	-
Acute rheumatic fever (58)	3	1.1	2	1	-	-	-	-	-	-	1	2.6	1	-	-
Diabetes mellitus (61)	38	13.6	32	5	1	14	30.0	11	1	2	7	18.2	6	-	1
Pellagra (69)	3	1.1	3	-	-	1	2.1	1	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	15	5.4	14	1	-	-	-	-	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	21	7.5	19	2	-	2	4.3	2	-	-	2	5.2	2	-	-
Chronic poisoning and intoxication (77-79)	1	0.4	1	-	-	2	4.3	1	1	-	1	2.6	-	-	1
Cerebral hemorrhage, embolism, thrombosis, softening (83)	257	91.7	233	23	1	37	79.2	29	7	1	31	80.6	31	-	-
Other diseases of nervous system and sense organs (80-82, 84-89)	28	10.0	27	1	-	7	15.0	5	2	-	6	15.6	6	-	-
Diseases of the heart (90-95)	620	221.7	565	54	1	99	211.9	85	12	2	81	210.7	75	3	3
Diseases of the arteries (96-99)	25	8.9	24	1	-	11	23.5	10	1	-	6	15.6	6	-	-
Other diseases of the circulatory system (100-103)	12	4.3	11	1	-	2	4.3	2	-	-	1	2.6	-	1	-
Pneumonia, all forms (107-109)	116	41.5	91	24	1	26	55.7	15	11	-	9	23.4	8	-	1
Other diseases of the respiratory system (104-106, 110-114)	39	13.9	35	4	-	1	2.1	1	-	-	3	7.8	1	-	2
Diarrhea & enteritis under 2 yrs. (119)	20	7.2	18	2	-	3	6.4	2	1	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	5	1.8	3	2	-	3	6.4	3	-	-	-	-	-	-	-
Appendicitis (121)	16	5.7	14	2	-	5	10.7	3	2	-	2	5.2	2	-	-
Hernia, intestinal obstruction (122)	33	11.8	30	3	-	1	2.1	1	-	-	1	2.6	1	-	-
Cirrhosis of the liver (124)	18	6.4	15	3	-	2	4.3	2	-	-	1	2.6	-	-	1
Other diseases of the digestive system (115-118, 123, 125-129)	47	16.8	42	5	-	6	12.8	3	3	-	3	7.8	3	-	-
Nephritis (130-132)	112	40.1	90	22	-	31	66.4	24	7	-	15	39.0	14	1	-
Other diseases of the genito-urinary system (133-139)	17	6.1	15	2	-	2	4.3	1	1	-	7	18.2	6	-	1
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	13	2.3	8	5	-	7	7.8	3	4	-	4	7.2	3	-	1
Septicemia (140,142a,145a,147) †	3	0.5	1	2	-	5	5.6	1	4	-	2	3.6	2	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	168	60.1	153	14	1	18	38.5	14	3	1	8	20.8	7	1	-
Senility (162)	54	19.3	52	2	-	12	25.7	11	1	-	-	-	-	-	-
Suicide (163-164)	23	8.2	21	2	-	3	6.4	3	-	-	5	13.0	5	-	-
Homicide (165-168)	21	7.5	9	12	-	3	6.4	3	-	-	3	7.8	1	1	1
Motor vehicle accidents (170)	69	24.7	64	5	-	9	19.3	8	-	1	2	5.2	1	-	1
Other accidents (169, 171-195)	117	41.8	108	9	-	20	42.8	14	5	1	18	46.8	14	1	3
Other defined causes (59, 151-156, 196-198)	5	1.8	5	-	-	2	4.3	1	-	1	1	2.6	1	-	-
Ill defined and unknown (199,200)	26	9.3	20	6	-	11	23.5	3	8	-	2	5.2	2	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	OTTAWA					PAWNEE					PAYNE				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	35,849		Wh.	Neg.	Ind.	16,089		Wh.	Neg.	Ind.	35,612		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	737	20.6	717	-	20	252	15.7	231	6	15	614	17.2	584	26	4
Physician in hospital.	455	...	443	-	12	174	...	158	2	14	500	...	484	12	4
Physician in home.	280	...	272	-	8	75	...	71	3	1	100	...	90	10	-
Midwife, other, or unknown	2	...	2	-	-	3	...	2	1	-	14	...	10	4	-
Stillbirths ✓	14	19.0	14	-	-	6	23.8	6	-	-	10	16.3	9	1	-
Physician in hospital.	10	...	10	-	-	3	...	3	-	-	10	...	9	1	-
Physician in home.	4	...	4	-	-	3	...	3	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	368	10.3	357	-	11	143	8.9	133	3	7	279	7.8	265	14	-
Deaths under 1 year ✓	29	39.3	29	-	-	8	31.7	6	-	2	13	21.2	10	3	-
Deaths under 1 month ✓	14	19.0	14	-	-	7	27.8	5	-	2	6	9.8	4	2	-
Typhoid, paratyphoid fevers (1,2).	2	5.6	2	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	1	2.8	1	-	-
Scarlet fever (8).	1	2.8	1	-	-	1	6.2	1	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (10).	4	11.2	3	-	1	1	6.2	1	-	-	1	2.8	1	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22).	50	139.5	49	-	1	4	24.9	3	1	-	4	11.2	3	1	-
Respiratory system (13).	49	136.7	48	-	1	4	24.9	3	1	-	3	8.4	3	-	-
Tularemia (26a).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	3	8.4	3	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30).	3	8.4	3	-	-	4	24.9	3	-	1	3	8.4	2	1	-
Influenza (33)	7	19.5	7	-	-	2	12.4	2	-	-	2	5.6	2	-	-
Smallpox (34).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute poliocencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39e)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44).	1	2.8	1	-	-	-	-	-	-	-	-	-	-	-	-
Cancer (45-55)	43	119.9	42	-	1	22	136.7	20	1	1	42	117.9	41	1	-
Other tumors (56-57)	3	8.4	3	-	-	-	-	-	-	-	1	2.8	1	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	10	27.9	8	-	2	3	18.6	3	-	-	5	14.0	5	-	-
Pellagra (69).	-	-	-	-	-	1	6.2	1	-	-	1	2.8	1	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	2	5.6	2	-	-	-	-	-	-	-	2	5.6	2	-	-
Diseases of the blood and blood forming organs (72-76)	2	5.6	2	-	-	2	12.4	2	-	-	2	5.6	2	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	28	78.1	26	-	2	17	105.7	15	1	1	25	70.2	24	1	-
Other diseases of nervous system and sense organs (80-82, 84-89).	1	2.8	1	-	-	1	6.2	1	-	-	6	16.8	5	1	-
Diseases of the heart (90-95).	78	217.6	75	-	3	34	211.3	33	-	1	75	210.6	72	3	-
Diseases of the arteries (96-99)	6	16.7	6	-	-	3	18.6	3	-	-	6	16.8	6	-	-
Other diseases of the circulatory system (100-103)	1	2.8	1	-	-	1	6.2	1	-	-	1	2.8	1	-	-
Pneumonia, all forms (107-109)	17	47.4	17	-	-	6	37.3	6	-	-	10	28.1	10	-	-
Other diseases of the respiratory system (104-106, 110-114)	4	11.2	4	-	-	-	-	-	-	-	1	2.8	1	-	-
Diarrhea & enteritis under 2 yrs. (119)	5	13.9	5	-	-	1	6.2	1	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	3	8.4	3	-	-	2	12.4	2	-	-	3	8.4	3	-	-
Hernia, intestinal obstruction (122).	5	13.9	5	-	-	2	12.4	2	-	-	2	5.6	2	-	-
Cirrhosis of the liver (124)	2	5.6	2	-	-	1	6.2	1	-	-	1	2.8	1	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	3	8.4	3	-	-	2	12.4	1	-	1	4	11.2	3	1	-
Nephritis (130-132)	10	27.9	10	-	-	10	62.2	10	-	-	26	73.0	24	2	-
Other diseases of the genito-urinary system (133-139)	1	2.8	1	-	-	1	6.2	1	-	-	3	8.4	3	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✓	2	2.7	2	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147) ✓	1	1.4	1	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations, diseases peculiar to first year of life (157-161)	13	36.3	13	-	-	7	43.5	6	-	1	7	19.7	6	1	-
Senility (162)	4	11.2	4	-	-	1	6.2	1	-	-	11	30.9	11	-	-
Suicide (163-164)	2	5.6	2	-	-	2	12.4	2	-	-	2	5.6	2	-	-
Homicide (165-168)	4	11.2	4	-	-	-	-	-	-	-	1	2.8	-	1	-
Motor vehicle accidents (170).	6	16.7	6	-	-	1	6.2	1	-	-	5	14.0	5	-	-
Other accidents (169, 171-195)	37	103.2	37	-	-	8	49.7	7	-	1	17	47.7	16	1	-
Other defined causes (59, 151-156, 196-198)	1	2.8	-	-	1	-	-	-	-	-	2	5.6	2	-	-
Ill defined and unknown (199,200).	4	11.2	4	-	-	3	18.6	3	-	-	7	19.7	7	-	-

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, 1945 - Continued

	PITTSBURG					PONTOTOC					POTTAWATOMIE				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	48,044		Wh.	Neg.	Ind.	39,792		Wh.	Neg.	Ind.	47,975		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	1086	22.6	984	78	24	617	15.5	580	23	14	919	19.2	851	38	30
Physician in hospital.	686	...	649	25	12	469	...	451	10	8	746	...	707	16	23
Physician in home.	351	...	301	41	9	146	...	129	12	5	149	...	139	6	4
Midwife, other, or unknown	49	...	34	12	3	2	...	-	1	1	24	...	5	16	3
Stillbirths ✓	31	28.5	30	-	1	13	21.1	13	-	-	19	20.7	15	3	1
Physician in hospital.	15	...	14	-	1	10	...	10	-	-	14	...	13	1	-
Physician in home.	16	...	16	-	-	3	...	3	-	-	4	...	2	1	1
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	1	...	-	1	-
Total deaths, all causes*	399	8.3	351	42	6	288	7.2	263	15	10	433	9.0	384	29	20
Deaths under 1 year ✓	35	32.2	31	3	1	36	58.3	33	2	1	43	46.8	32	7	4
Deaths under 1 month ✓	20	18.4	19	1	-	24	38.9	22	2	-	26	28.3	18	5	3
Typhoid, paratyphoid fevers (1,2).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	-	-
Scarlet fever (8).	-	-	-	-	-	-	-	-	-	-	1	2.1	1	-	-
Whooping cough (9)	2	4.2	1	1	-	-	-	-	-	-	1	2.1	1	-	-
Diphtheria (10).	3	6.2	3	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	1	2.5	1	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22).	22	45.8	16	4	2	14	35.2	8	3	3	16	33.4	9	3	4
Respiratory system (13).	19	39.5	13	4	2	13	32.7	7	3	3	13	27.1	7	2	4
Tularemia (26a).	-	-	-	-	-	1	2.5	-	1	-	-	-	-	-	-
Dysentery (27)	4	8.3	2	2	-	2	5.0	2	-	-	1	2.1	-	-	1
Malaria (28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30).	5	10.4	2	3	-	4	10.1	3	1	-	1	2.1	1	-	-
Influenza (33)	1	2.1	1	-	-	2	5.0	1	-	1	4	8.3	3	-	1
Smallpox (34).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute poliocencephalitis (36)	-	-	-	-	-	1	2.5	1	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39e)	1	2.1	1	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44).	1	2.1	1	-	-	1	2.5	1	-	-	-	-	-	-	-
Cancer (45-55)	41	85.3	35	6	-	35	88.0	34	1	-	48	100.1	44	4	-
Other tumors (56-57)	2	4.2	2	-	-	3	7.5	3	-	-	5	10.4	4	1	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	-	-
Diabetes mellitus (61)	8	16.7	8	-	-	4	10.1	4	-	-	9	18.8	9	-	-
Pellagra (69).	1	2.1	1	-	-	1	2.5	1	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	1	2.5	1	-	-	1	2.1	1	-	-
Diseases of the blood and blood forming organs (72-76)	4	8.3	4	-	-	2	5.0	2	-	-	3	6.3	2	1	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	1	2.1	1	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	33	68.7	33	-	-	23	57.8	22	1	-	47	98.0	41	1	5
Other diseases of nervous system and sense organs (80-82, 84-89).	2	4.2	2	-	-	5	12.6	5	-	-	10	20.8	8	1	1
Diseases of the heart (90-95).	88	183.2	83	4	1	44	110.6	39	3	2	96	200.1	90	4	2
Diseases of the arteries (96-99)	4	8.3	4	-	-	6	15.1	6	-	-	11	22.9	11	-	-
Other diseases of the circulatory system (100-103)	3	6.2	2	1	-	1	2.5	1	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	17	35.4	13	3	1	16	40.2	14	1	1	18	37.5	17	1	-
Other diseases of the respiratory system (104-106, 110-114)	5	10.4	5	-	-	7	17.6	7	-	-	7	14.6	7	-	-
Diarrhea & enteritis under 2 yrs. (119)	4	8.3	4	-	-	1	2.5	1	-	-	2	4.2	2	-	-
Diarrhea & enteritis over 2 yrs. (120)	3	6.2	3	-	-	-	-	-	-	-	1	2.1	1	-	-
Appendicitis (121)	4	8.3	3	1	-	5	12.6	4	-	1	3	6.3	3	-	-
Hernia, intestinal obstruction (122).	8	16.7	8	-	-	4	10.1	4	-	-	10	20.8	9	1	-
Cirrhosis of the liver (124)	3	6.2	3	-	-	1	2.5	1	-	-	4	8.3	4	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	8	16.7	8	-	-	11	27.6	10	1	-	11	22.9	11	-	-
Nephritis (130-132)	17	35.4	10	6	1	12	30.2	12	-	-	25	52.1	24	-	1
Other diseases of the genito-urinary system (133-139)	5	10.4	5	-	-	9	22.6	7	1	1	8	16.7	7	1	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✓	1	0.9	-	-	1	2	3.2	2	-	-	2	2.2	-	1	1
Septicemia (140,142a,145a,147) ✓	1	0.9	-	-	1	-	-	-	-	-	1	1.1	-	-	1
Congenital malformations, diseases peculiar to first year of life (157-161)	17	35.4	17	-	-	26	65.3	26	-	-	28	58.4	20	5	3
Senility (162)	11	22.9	9	2	-	6	15.1	5	1	-	5	10.4	5	-	-
Suicide (163-164)	3	6.2	3	-	-	3	7.5	3	-	-	1	2.1	1	-	-
Homicide (165-168)	5	10.4	5	-	-	3	7.5	3	-	-	-	-	-	-	-
Motor vehicle accidents (170).	13	27.1	12	1	-	6	15.1	5	-	1	14	29.2	11	2	1
Other accidents (169, 171-195)	34	70.8	28	6	-	15	37.7	15	-	-	27	56.3	25	2	-
Other defined causes (59, 151-156, 196-198)	1	2.1	-	1	-	2	5.0	2	-	-	2	4.2	2	-	-
Ill defined and unknown (199,200).	15	31.2	14	1	-	8	20.1	7	1	-	8	16.7	7	1	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	PUSHMATAHA					ROGER MILLS					ROGERS				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	19,466		Wh.	Neg.	Ind.	8,936		Wh.	Neg.	Ind.	22,192		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	217	11.1	195	4	18	117	13.1	112	-	5	319	14.4	291	13	15
Physician in hospital	68	...	58	-	10	94	...	90	-	4	234	...	219	1	14
Physician in home	133	...	125	3	5	23	...	22	-	1	78	...	68	10	-
Midwife, other, or unknown	16	...	12	1	3	-	...	-	-	-	7	...	4	2	1
Stillbirths †	8	36.9	8	-	-	-	-	-	-	-	17	53.3	16	-	1
Physician in hospital	3	...	3	-	-	-	...	-	-	-	11	...	10	-	1
Physician in home	5	...	5	-	-	-	...	-	-	-	6	...	6	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	147	7.6	130	5	12	51	5.7	48	-	3	167	7.5	154	7	6
Deaths under 1 year †	8	36.9	7	-	1	6	51.3	4	-	2	19	59.6	18	1	-
Deaths under 1 month †	5	23.0	5	-	-	3	25.6	3	-	-	11	34.5	11	-	-
Typhoid, paratyphoid fevers (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (10)	2	10.3	2	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	5	25.7	4	-	1	1	11.2	1	-	-	3	13.5	2	1	-
Respiratory system (13)	5	25.7	4	-	1	1	11.2	1	-	-	2	9.0	2	-	-
Tularemia (26a)	1	5.1	1	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Malaria (28)	2	10.3	1	-	1	-	-	-	-	-	-	-	-	-	-
Syphilis (30)	-	-	-	-	-	-	-	-	-	-	4	18.0	4	-	-
Influenza (33)	2	10.3	2	-	-	-	-	-	-	-	5	22.5	5	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	1	4.5	-	-	1
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Cancer (45-55)	12	61.6	11	1	-	9	100.7	9	-	-	19	85.6	18	-	1
Other tumors (56-57)	-	-	-	-	-	3	33.6	3	-	-	2	9.0	2	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Diabetes mellitus (61)	-	-	-	-	-	1	11.2	1	-	-	8	36.0	6	-	2
Pellagra (69)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	8	41.1	5	-	3	7	78.3	7	-	-	14	63.1	14	-	-
Other diseases of nervous system and sense organs (80-82, 84-89)	2	10.3	2	-	-	1	11.2	-	-	1	1	4.5	1	-	-
Diseases of the heart (90-95)	8	41.1	6	2	-	11	123.1	11	-	-	46	207.3	44	2	-
Diseases of the arteries (96-99)	1	5.1	1	-	-	1	11.2	1	-	-	4	18.0	4	-	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	5	25.7	3	-	2	3	33.6	1	-	2	8	36.0	7	-	1
Other diseases of the respiratory system (104-106, 110-114)	-	-	-	-	-	1	11.2	1	-	-	1	4.5	1	-	-
Diarrhea& enteritis under2 yrs.(119)	-	-	-	-	-	-	-	-	-	-	2	9.0	2	-	-
Diarrhea& enteritis over 2 yrs.(120)	1	5.1	-	-	1	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Hernia,intestinal obstruction (122)	1	5.1	1	-	-	-	-	-	-	-	1	4.5	1	-	-
Cirrhosis of the liver (124)	-	-	-	-	-	-	-	-	-	-	3	13.5	3	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	1	5.1	1	-	-	1	11.2	1	-	-	2	9.0	2	-	-
Nephritis (130-132)	14	71.9	13	1	-	4	44.8	4	-	-	10	45.1	7	3	-
Other diseases of the genito-urinary system (133-139)	2	10.3	2	-	-	-	-	-	-	-	1	4.5	1	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	1	4.6	1	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations,diseases peculiar to first year of life(157-161)	2	10.3	2	-	-	4	44.8	4	-	-	10	45.1	10	-	-
Senility (162)	6	30.8	6	-	-	-	-	-	-	-	-	-	-	-	-
Suicide (163-164)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Homicide (165-168)	1	5.1	1	-	-	-	-	-	-	-	1	4.5	1	-	-
Motor vehicle accidents (170)	2	10.3	2	-	-	2	22.4	2	-	-	4	18.0	4	-	-
Other accidents (169, 171-195)	63	323.6	59	-	4	-	-	-	-	-	7	31.5	5	1	1
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Ill defined and unknown (199,200)	5	25.7	4	1	-	2	22.4	2	-	-	2	9.0	2	-	-

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, 1945 - Continued

	SEMINOLE					SEQUOYAH					STEPHENS				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	51,530		Wh.	Neg.	Ind.	25,045		Wh.	Neg.	Ind.	31,090		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	764	14.8	622	76	66	499	19.9	459	18	22	690	22.2	670	15	5
Physician in hospital	626	...	546	26	54	121	...	107	-	14	613	...	598	10	5
Physician in home	91	...	74	13	4	332	...	324	7	1	72	...	68	4	-
Midwife, other, or unknown	47	...	2	37	8	46	...	28	11	7	5	...	4	1	-
Stillbirths †	23	30.1	17	2	4	9	18.0	9	-	-	11	15.9	11	-	-
Physician in hospital	21	...	15	2	4	1	...	1	-	-	11	...	11	-	-
Physician in home	2	...	2	-	-	7	...	7	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	1	...	1	-	-	-	...	-	-	-
Total deaths, all causes*	332	6.4	242	51	39	147	5.9	126	10	11	231	7.4	218	11	2
Deaths under 1 year †	27	35.3	14	4	9	16	32.0	16	-	-	24	34.8	23	1	-
Deaths under 1 month †	15	19.6	9	1	5	9	18.0	9	-	-	16	23.2	16	-	-
Typhoid, paratyphoid fevers (1,2)	1	1.9	-	1	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	1	1.9	1	-	-	1	4.0	1	-	-	1	3.2	1	-	-
Diphtheria (10)	1	1.9	-	-	1	2	8.0	2	-	-	1	3.2	1	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22)	23	44.6	9	7	7	17	67.9	12	3	2	8	25.7	6	1	1
Respiratory system (13)	20	38.8	7	6	7	16	63.9	12	2	2	8	25.7	6	1	1
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	2	3.9	1	-	1	3	12.0	3	-	-	1	3.2	1	-	-
Malaria (28)	-	-	-	-	-	1	4.0	1	-	-	-	-	-	-	-
Syphilis (30)	4	7.8	3	-	1	2	8.0	2	-	-	-	-	-	-	-
Influenza (33)	3	5.8	2	1	-	4	16.0	4	-	-	2	6.4	2	-	-
Smallpox (34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	1	3.2	1	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44)	-	-	-	-	-	2	8.0	2	-	-	1	3.2	1	-	-
Cancer (45-55)	35	67.9	29	5	1	16	63.9	13	1	2	26	83.6	26	-	-
Other tumors (56-57)	4	7.8	4	-	-	1	4.0	1	-	-	5	16.1	4	1	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	1	3.2	1	-	-
Diabetes mellitus (61)	8	15.5	5	2	1	1	4.0	1	-	-	6	19.3	5	1	-
Pellagra (69)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	1	1.9	1	-	-	1	4.0	1	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	1	1.9	1	-	-	1	4.0	1	-	-	1	3.2	1	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	34	66.0	26	4	4	13	51.9	12	1	-	14	45.0	14	-	-
Other diseases of nervous system and sense organs (80-82, 84-89)	1	1.9	1	-	-	1	4.0	1	-	-	1	3.2	1	-	-
Diseases of the heart (90-95)	61	118.4	56	5	-	21	83.8	19	1	1	61	196.2	57	4	-
Diseases of the arteries (96-99)	2	3.9	1	1	-	1	4.0	1	-	-	4	12.9	3	1	-
Other diseases of the circulatory system (100-103)	1	1.9	1	-	-	-	-	-	-	-	4	12.9	4	-	-
Pneumonia, all forms (107-109)	13	25.2	7	2	4	10	39.9	9	-	1	7	22.5	6	1	-
Other diseases of the respiratory system (104-106, 110-114)	6	11.6	5	1	-	-	-	-	-	-	1	3.2	1	-	-
Diarrhea & enteritis under 2 yrs.(119)	3	5.8	2	1	-	2	8.0	2	-	-	1	3.2	1	-	-
Diarrhea & enteritis over 2 yrs.(120)	2	3.9	1	1	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	4	7.8	4	-	-	2	8.0	1	-	1	-	-	-	-	-
Hernia,intestinal obstruction (122)	5	9.7	4	1	-	-	-	-	-	-	2	6.4	2	-	-
Cirrhosis of the liver (124)	-	-	-	-	-	-	-	-	-	-	3	9.6	3	-	-
Other diseases of the digestive system (115,118, 123, 125-129)	6	11.6	4	2	-	3	12.0	2	1	-	6	19.3	6	-	-
Nephritis (130-132)	20	38.8	15	4	1	10	39.9	8	1	1	14	45.0	14	-	-
Other diseases of the genito-urinary system (133-139)	3	5.8	2	1	-	3	12.0	2	1	-	4	12.9	4	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	3	3.9	1	-	2	-	-	-	-	-	1	1.4	1	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations,diseases peculiar to first year of life(157-161)	12	23.3	8	-	4	6	24.0	6	-	-	19	61.1	18	1	-
Senility (162)	13	25.2	10	-	3	1	4.0	-	1	-	4	12.9	4	-	-
Suicide (163-164)	1	1.9	1	-	-	1	4.0	1	-	-	1	3.2	1	-	-
Homicide (165-168)	2	3.9	1	1	-	-	-	-	-	-	1	3.2	1	-	-
Motor vehicle accidents (170)	16	31.0	14	2	-	5	20.0	5	-	-	10	32.2	9	-	1
Other accidents (169, 171-195)	27	52.4	19	6	2	5	20.0	3	-	2	12	38.6	12	-	-
Other defined causes (59, 151-156, 196-198)	1	1.9	-	1	-	1	4.0	1	-	-	2	6.4	1	1	-
Ill defined and unknown (199,200)	12	23.3	3	3	6	10	39.9	9	-	1	5	16.1	5	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	TEXAS					TILLMAN					TULSA				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	9,896		Wh.	Neg.	Ind.	20,754		Wh.	Neg.	Ind.	229,898		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	216	21.8	216	-	-	391	18.8	332	59	-	4686	20.4	4312	337	37
Physician in hospital.	153	...	153	-	-	326	...	299	27	-	4070	...	3849	188	33
Physician in home.	63	...	63	-	-	49	...	30	19	-	572	...	458	111	3
Midwife, other, or unknown	-	...	-	-	-	16	...	3	13	-	44	...	5	38	1
Stillbirths †.	3	13.9	3	-	-	16	40.9	13	3	-	104	22.2	81	22	1
Physician in hospital.	-	...	-	-	-	11	...	9	2	-	79	...	63	16	-
Physician in home.	3	...	3	-	-	4	...	4	-	-	25	...	18	6	1
Midwife, other, or unknown	-	...	-	-	-	1	...	-	1	-	-	...	-	-	-
Total deaths, all causes*.	74	7.5	74	-	-	142	6.8	122	19	1	1877	8.2	1646	221	10
Deaths under 1 year †.	9	41.7	9	-	-	15	38.4	12	3	-	177	37.8	155	22	-
Deaths under 1 month †.	3	13.9	3	-	-	10	25.6	9	1	-	131	28.0	122	9	-
Typhoid, paratyphoid fevers (1,2).	-	-	-	-	-	-	-	-	-	-	1	0.4	-	-	1
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	4	1.7	3	1	-
Scarlet fever (8).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-	1	0.4	1	-	-
Diphtheria (10).	-	-	-	-	-	2	9.6	2	-	-	5	2.2	5	-	-
Tetanus (12)	1	10.1	1	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22).	2	20.2	2	-	-	6	28.9	6	-	-	82	35.7	63	19	-
Respiratory system (13).	2	20.2	2	-	-	5	24.1	5	-	-	79	34.4	61	18	-
Tularemia (26a).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	4	1.7	2	2	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-	1	0.4	1	-	-
Syphilis (30).	-	-	-	-	-	1	4.8	-	1	-	33	14.4	27	4	2
Influenza (33)	-	-	-	-	-	1	4.8	1	-	-	17	7.4	17	-	-
Smallpox (34).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	1	4.8	-	1	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	2	0.9	2	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-	1	0.4	1	-	-
Rocky Mountain spotted fever (39e)	-	-	-	-	-	-	-	-	-	-	1	0.4	1	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44).	-	-	-	-	-	1	4.8	-	1	-	5	2.2	4	1	-
Cancer (45-55)	9	90.9	9	-	-	14	67.5	11	3	-	230	100.0	213	16	1
Other tumors (56-57)	1	10.1	1	-	-	-	-	-	-	-	14	6.1	10	4	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	-	-	-	-	-	1	4.8	1	-	-	32	13.9	31	1	-
Pellagra (69).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	1	10.1	1	-	-	1	4.8	-	1	-	10	4.3	8	2	-
Diseases of the blood and blood forming organs (72-76)	-	-	-	-	-	-	-	-	-	-	23	10.0	19	4	-
Chronic poisonirg and intoxication (77-79)	-	-	-	-	-	-	-	-	-	-	3	1.3	2	1	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	8	80.8	8	-	-	21	101.2	19	2	-	182	79.2	163	19	-
Other diseases of nervous system and sense organs (80-82, 84-89).	2	20.2	2	-	-	6	28.9	6	-	-	20	8.7	18	2	-
Diseases of the heart (90-95).	17	171.8	17	-	-	31	149.4	26	5	-	468	203.6	431	35	2
Diseases of the arteries (96-99)	3	30.3	3	-	-	1	4.8	1	-	-	21	9.1	20	1	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-	10	4.3	10	-	-
Pneumonia, all forms (107-109)	5	50.5	5	-	-	5	24.1	4	1	-	69	30.0	57	12	-
Other diseases of the respiratory system (104-106, 110-114).	2	20.2	2	-	-	1	4.8	1	-	-	28	12.2	23	5	-
Diarrhea & enteritis under 2 yrs.(119)	-	-	-	-	-	1	4.8	-	1	-	4	1.7	3	1	-
Diarrhea & enteritis over 2 yrs.(120)	-	-	-	-	-	-	-	-	-	-	1	0.4	-	1	-
Appendicitis (121)	-	-	-	-	-	1	4.8	1	-	-	10	4.3	9	1	-
Hernia,intestinal obstruction (122).	-	-	-	-	-	2	9.6	2	-	-	23	10.0	20	2	1
Cirrhosis of the liver (124)	-	-	-	-	-	1	4.8	1	-	-	13	5.7	12	1	-
Other diseases of the digestive system (115-118, 123, 125-129)	-	-	-	-	-	5	24.1	4	1	-	40	17.4	30	10	-
Nephritis (130-132).	4	40.4	4	-	-	9	43.4	8	1	-	121	52.6	86	33	2
Other diseases of the genito-urinary system (133-139)	1	10.1	1	-	-	1	4.8	1	-	-	24	10.4	22	2	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	1	4.6	1	-	-	-	-	-	-	-	3	0.6	3	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations,diseases peculiar to first year of life(157-161)	4	40.4	4	-	-	9	43.4	9	-	-	133	57.9	125	8	-
Senility (162)	3	30.3	3	-	-	7	33.7	7	-	-	32	13.9	27	5	-
Suicide (163-164).	-	-	-	-	-	1	4.8	1	-	-	15	6.5	15	-	-
Homicide (165-168)	-	-	-	-	-	1	4.8	-	-	1	26	11.3	14	12	-
Motor vehicle accidents (170).	6	60.6	6	-	-	3	14.5	3	-	-	45	19.6	43	2	-
Other accidents (169, 171-195)	3	30.3	3	-	-	7	33.7	6	1	-	88	38.3	81	6	1
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	1	4.8	1	-	-	7	3.0	7	-	-
Ill defined and unknown (199,200).	1	10.1	1	-	-	-	-	-	-	-	25	10.9	17	8	-

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, 1945 - Continued

	WAGONER					WASHINGTON					WASHITA				
	Total		Race			Total		Race			Total		Race		
Estimated population, July 1, 1945	21,229		Wh.	Neg.	Ind.	32,020		Wh.	Neg.	Ind.	22,279		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	467	22.0	363	100	4	554	17.3	528	17	9	336	15.1	331	-	5
Physician in hospital.	120	...	118	-	2	492	...	475	11	6	287	...	282	-	5
Physician in home.	296	...	238	56	2	61	...	53	6	2	48	...	48	-	-
Midwife, other, or unknown	51	...	7	44	-	1	...	-	-	1	1	...	1	-	-
Stillbirths †.	16	34.3	11	5	-	9	16.2	9	-	-	10	29.8	10	-	-
Physician in hospital.	6	...	6	-	-	7	...	7	-	-	10	...	10	-	-
Physician in home.	10	...	5	5	-	2	...	2	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*.	168	7.9	110	57	1	289	9.0	272	13	4	138	6.2	134	4	-
Deaths under 1 year †.	25	53.5	17	8	-	23	41.5	23	-	-	11	32.7	11	-	-
Deaths under 1 month †.	16	34.3	10	6	-	14	25.3	14	-	-	9	26.8	9	-	-
Typhoid, paratyphoid fevers (1,2).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	1	4.7	1	-	-	1	3.1	1	-	-	-	-	-	-	-
Diphtheria (10).	-	-	-	-	-	2	6.2	2	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22).	10	47.1	5	5	-	1	3.1	1	-	-	-	-	-	-	-
Respiratory system (13).	10	47.1	5	5	-	6	18.7	5	1	-	2	9.0	-	2	-
Tularemia (26a).	-	-	-	-	-	6	18.7	5	1	-	2	9.0	-	2	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (28)	2	9.4	2	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (30).	1	4.7	1	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (33)	1	4.7	-	1	-	4	12.5	4	-	-	1	4.5	1	-	-
Smallpox (34).	3	14.1	1	2	-	4	12.5	3	-	1	1	4.5	-	1	-
Measles (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	1	4.7	-	1	-	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39e)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cancer (45-55)	-	-	-	-	-	34	106.2	30	4	-	21	94.3	21	-	-
Other tumors (56-57)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Acute rheumatic fever (58)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (61)	1	4.7	1	-	-	8	25.0	7	1	-	2	9.0	2	-	-
Pellagra (69).	1	4.7	1	-	-	-	-	-	-	-	1	4.5	1	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	1	4.7	1	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	1	4.7	1	-	-	3	9.4	3	-	-	1	4.5	1	-	-
Chronic poisoning and intoxication (77-79)	-	-	-	-	-	1	3.1	1	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	11	51.8	7	4	-	31	96.8	27	2	2	16	71.8	15	1	-
Other diseases of nervous system and sense organs (80-82, 84-89).	1	4.7	1	-	-	1	3.1	1	-	-	2	9.0	2	-	-
Diseases of the heart (90-95).	30	141.3	20	10	-	69	215.5	67	2	-	32	143.6	32	-	-
Diseases of the arteries (96-99)	2	9.4	1	1	-	2	6.2	2	-	-	4	18.0	4	-	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	6	28.3	4	2	-	7	21.9	7	-	-	4	18.0	4	-	-
Other diseases of the respiratory system (104-106, 110-114).	3	14.1	3	-	-	8	25.0	8	-	-	1	4.5	1	-	-
Diarrhea & enteritis under 2yrs.(119)	3	14.1	3	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhea & enteritis over 2 yrs.(120)	1	4.7	1	-	-	-	-	-	-	-	1	4.5	1	-	-
Appendicitis (121)	-	-	-	-	-	4	12.5	3	1	-	-	-	-	-	-
Hernia,intestinal obstruction (122).	5	23.6	2	3	-	2	6.2	2	-	-	-	-	-	-	-
Cirrhosis of the liver (124)	1	4.7	1	-	-	1	3.1	1	-	-	2	9.0	2	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	5	23.6	2	3	-	4	12.5	4	-	-	2	9.0	2	-	-
Nephritis (130-132).	10	47.1	8	2	-	31	96.8	29	1	1	8	35.9	8	-	-
Other diseases of the genito-urinary system (133-139)	1	4.7	1	-	-	2	6.2	2	-	-	-	-	-	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	-	-	-	-	-	2	3.6	2	-	-	-	-	-	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	1	1.8	1	-	-	-	-	-	-	-
Congenital malformations,diseases peculiar to first year of life(157-161)	17	80.1	10	7	-	17	53.1	17	-	-	10	44.9	10	-	-
Senility (162)	3	14.1	2	1	-	11	34.4	11	-	-	11	49.4	11	-	-
Suicide (163-164).	2	9.4	1	1	-	3	9.4	3	-	-	1	4.5	1	-	-
Homicide (165-168)	3	14.1	-	3	-	1	3.1	-	1	-	-	-	-	-	-
Motor vehicle accidents (170)	4	18.8	3	-	1	5	15.6	5	-	-	1	4.5	1	-	-
Other accidents (169, 171-195)	8	37.7	5	3	-	18	56.2	18	-	-	11	49.4	11	-	-
Other defined causes (59, 151-156, 196-198)	-	-	-	-	-	1	3.1	1	-	-	-	-	-	-	-
Ill defined and unknown (199,200).	5	23.6	2	3	-	5	15.6	5	-	-	2	9.0	2	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1945 - Continued

	WOODS					WOODWARD				
	Total		Race			Total		Race		
Estimated population, July 1, 1945	14,915		Wh.	Neg.	Ind.	16,494		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	269	18.0	268	1	-	243	14.7	243	-	-
Physician in hospital.	246	...	245	1	-	221	...	221	-	-
Physician in home.	23	...	23	-	-	22	...	22	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-
Stillbirths †.	9	33.5	9	-	-	4	16.5	4	-	-
Physician in hospital.	7	...	7	-	-	4	...	4	-	-
Physician in home.	2	...	2	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*.	131	8.8	131	-	-	121	7.3	121	-	-
Deaths under 1 year †.	9	33.5	9	-	-	7	28.8	7	-	-
Deaths under 1 month †	6	22.3	6	-	-	5	20.6	5	-	-
Typhoid, paratyphoid fevers (1,2).	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	-	-	-	-	-	-	-	-	-	-
Scarlet fever (8).	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	-	-	-	-	-
Diphtheria (10).	1	6.7	1	-	-	-	-	-	-	-
Tetanus (12)	-	-	-	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22).	4	26.8	4	-	-	-	-	-	-	-
Respiratory system (13).	4	26.8	4	-	-	-	-	-	-	-
Tularemia (26a).	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	-	-	-	-	-	-	-	-	-	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-
Syphilis (30).	-	-	-	-	-	-	-	-	-	-
Influenza (33)	2	13.4	2	-	-	1	6.1	1	-	-
Smallpox (34).	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39o)	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44).	1	6.7	1	-	-	-	-	-	-	-
Cancer (45-55)	20	134.1	20	-	-	14	84.9	14	-	-
Other tumors (56-57)	1	6.7	1	-	-	1	6.1	1	-	-
Acute rheumatic fever (58)	-	-	-	-	-	1	6.1	1	-	-
Diabetes mellitus (61)	5	33.5	5	-	-	5	30.3	5	-	-
Pellagra (69).	-	-	-	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	2	13.4	2	-	-	-	-	-	-	-
Diseases of the blood and blood forming organs (72-76)	1	6.7	1	-	-	-	-	-	-	-
Chronic poisoning and intoxication (77-79).	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	5	33.5	5	-	-	9	54.6	9	-	-
Other diseases of nervous system and sense organs (80-82, 84-89).	4	26.8	4	-	-	-	-	-	-	-
Diseases of the heart (90-95).	33	221.3	33	-	-	33	200.1	33	-	-
Diseases of the arteries (96-99)	3	20.1	3	-	-	7	42.4	7	-	-
Other diseases of the circulatory system (100-103)	-	-	-	-	-	-	-	-	-	-
Pneumonia, all forms (107-109)	4	26.8	4	-	-	1	6.1	1	-	-
Other diseases of the respiratory system (104-106, 110-114).	2	13.4	2	-	-	2	12.1	2	-	-
Diarrhea & enteritis under 2 yrs. (119)	1	6.7	1	-	-	2	12.1	2	-	-
Diarrhea & enteritis over 2 yrs. (120)	-	-	-	-	-	-	-	-	-	-
Appendicitis (121)	-	-	-	-	-	1	6.1	1	-	-
Hernia, intestinal obstruction (122).	1	6.7	1	-	-	1	6.1	1	-	-
Cirrhosis of the liver (124)	-	-	-	-	-	-	-	-	-	-
Other diseases of the digestive system (115-118, 123, 125-129)	3	20.1	3	-	-	2	12.1	2	-	-
Nephritis (130-132).	12	80.5	12	-	-	10	60.6	10	-	-
Other diseases of the genito-urinary system (133-139)	2	13.4	2	-	-	3	18.2	3	-	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	-	-	-	-	-	1	4.1	1	-	-
Septicemia (140,142a,145a,147) †	-	-	-	-	-	1	4.1	1	-	-
Congenital malformations,diseases peculiar to first year of life (157-161)	6	40.2	6	-	-	7	42.4	7	-	-
Senility (162)	4	26.8	4	-	-	6	36.4	6	-	-
Suicide (163-164).	-	-	-	-	-	-	-	-	-	-
Homicide (165-168)	-	-	-	-	-	1	6.1	1	-	-
Motor vehicle accidents (170).	4	26.8	4	-	-	1	6.1	1	-	-
Other accidents (169, 171-195)	8	53.6	8	-	-	10	60.6	10	-	-
Other defined causes (59, 151-156, 196-198)	2	13.4	2	-	-	-	-	-	-	-
Ill defined and unknown (199,200).	-	-	-	-	-	2	12.1	2	-	-

See notes on Table I

TABLE VI. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE FOR OKLAHOMA CITY AND TULSA, 1945

	OKLAHOMA CITY					TULSA				
	Total		Race			Total		Race		
Estimated population, July 1, 1945	234,251		Wh.	Neg.	Ind.	166,954		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live Births*	4734	20.2	4291	412	31	3675	22.0	3347	303	25
Physician in hospital.	4377	...	4107	245	25	3380	...	3179	178	23
Physician in home.	346	...	175	165	6	263	...	168	93	2
Midwife, other, or unknown	11	...	9	2	-	32	...	-	32	-
Stillbirths †.	108	22.8	87	21	-	80	21.8	59	21	-
Physician in hospital.	95	...	80	15	-	66	...	51	15	-
Physician in home.	10	...	5	5	-	14	...	8	6	-
Midwife, other, or unknown	3	...	2	1	-	-	...	-	-	-
Total deaths, all causes*.	2002	8.5	1761	236	5	1509	9.0	1311	196	2
Deaths under 1 year †.	209	44.1	187	20	2	141	38.4	121	20	-
Deaths under 1 month †	153	32.3	138	14	1	107	29.1	99	8	-
Typhoid, paratyphoid fevers (1,2).	-	-	-	-	-	-	-	-	-	-
Undulant fever (5)	-	-	-	-	-	-	-	-	-	-
Meningococcus meningitis (6)	3	1.3	3	-	-	3	1.8	3	-	-
Scarlet fever (8).	-	-	-	-	-	-	-	-	-	-
Whooping cough (9)	-	-	-	-	-	1	0.6	1	-	-
Diphtheria (10).	5	2.1	5	-	-	3	1.8	3	-	-
Tetanus (12)	1	0.4	1	-	-	-	-	-	-	-
Tuberculosis, all forms (13-22).	68	29.0	48	20	-	64	38.3	50	14	-
Respiratory system (13).	63	26.9	44	19	-	63	38.7	49	14	-
Tularemia (26a).	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	3	1.3	3	-	-	3	1.8	1	2	-
Malaria (28)	-	-	-	-	-	-	-	-	-	-
Syphilis (30).	14	6.0	10	4	-	29	17.4	24	4	1
Influenza (33)	11	4.7	5	6	-	12	7.2	12	-	-
Smallpox (34).	-	-	-	-	-	-	-	-	-	-
Measles (35)	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis and acute polioencephalitis (36)	2	0.9	2	-	-	2	1.2	2	-	-
Acute infectious encephalitis (37)	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever (39o)	1	0.4	-	-	1	1	0.6	1	-	-
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b, 39d, 40-44).	7	3.0	5	2	-	2	1.2	1	1	-
Cancer (45-55)	239	102.0	224	15	-	185	110.8	170	15	-
Other tumors (56-57)	14	6.0	12	2	-	12	7.2	8	4	-
Acute rheumatic fever (58)	2	0.9	1	1	-	-	-	-	-	-
Diabetes mellitus (61)	29	2.4	24	4	1	25	15.0	24	1	-
Pellagra (69).	2	0.9	2	-	-	-	-	-	-	-
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	14	6.0	13	1	-	7	4.2	5	2	-
Diseases of the blood and blood forming organs (72-76)	18	7.7	16	2	-	17	10.2	14	3	-
Chronic poisoning and intoxication (77-79).	1	0.4	1	-	-	2	1.2	1	1	-
Cerebral hemorrhage, embolism, thrombosis, softening (83)	210	89.6	188	22	-	138	82.7	123	15	-
Other diseases of nervous system and sense organs (80-82, 84-89).	25	10.7	24	1	-	15	9.0	15	-	-
Diseases of the heart (90-95).	543	231.8	492	50	1	389	233.0	358	31	-
Diseases of the arteries (96-99)	23	9.8	22	1	-	20	12.0	19	1	-
Other diseases of the circulatory system (100-103)	11	4.7	10	1	-	6	3.6	6	-	-
Pneumonia, all forms (107-109)	94	40.1	73	20	1	52	31.1	41	11	-
Other diseases of the respiratory system (104-106, 110-114).	33	14.1	30	3	-	25	15.0	20	5	-
Diarrhea & enteritis under 2 yrs. (119)	18	7.7	16	2	-	4	2.4	3	1	-
Diarrhea & enteritis over 2 yrs. (120)	3	1.3	2	1	-	1	0.6	-	1	-
Appendicitis (121)	14	6.0	12	2	-	8	4.8	7	1	-
Hernia, intestinal obstruction (122).	27	11.5	24	3	-	19	11.4	16	2	1
Cirrhosis of the liver (124)	16	6.8	13	3	-	12	7.2	11	1	-
Other diseases of the digestive system (115-118, 123, 125-129)	40	17.1	35	5	-	35	21.0	26	9	-
Nephritis (130-132).	83	35.4	67	16	-	95	56.9	63	32	-
Other diseases of the genito-urinary system (133-139)	15	6.4	14	1	-	19	11.4	17	2	-
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	11	2.3	6	5	-	3	0.8	3	-	-
Septicemia (140,142a,145a,147) †	3	0.6	1	2	-	-	-	-	-	-
Congenital malformations,diseases peculiar to first year of life (157-161)	147	62.8	136	10	1	107	64.1	100	7	-
Senility (162)	40	17.1	40	-	-	23	13.8	18	5	-
Suicide (163-164).	20	8.5	18	2	-	15	9.0	15	-	-
Homicide (165-168)	19	8.1	7	12	-	22	13.2	12	10	-
Motor vehicle accidents (170).	60	25.6	55	5	-	34	20.4	33	1	-
Other accidents (169, 171-195)	88	37.6	80	8	-	71	42.5	65	6	-
Other defined causes (59, 151-156, 196-198)	5	2.1	5	-	-	6	3.6	6	-	-
Ill defined and unknown (199,200).	23	9.8	17	6	-	22	13.2	14	8	-

See notes on Table I

TABLE VII. DEATHS FROM ACCIDENTAL CAUSES BY TYPE OF ACCIDENT, BY COUNTY OF OCCURRENCE OF ACCIDENT, OKLAHOMA, 1945

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	1,604	67.3	431	133	54	46	24	180	89	57	246	344
Adair	7	43.0	3	-	1	1	-	-	2	-	-	-
Alfalfa	13	95.9	2	2	1	-	-	-	2	1	1	4
Atoka	11	58.8	5	-	-	-	-	1	-	1	1	3
Beaver	3	34.7	-	-	-	-	-	1	2	-	-	-
Beckham	20	90.2	13	1	-	-	-	-	1	-	2	3
Blaine	12	68.4	7	2	-	-	-	-	-	-	1	2
Bryan	16	38.8	6	-	-	-	-	2	2	-	1	5
Caddo	26	62.5	5	5	-	1	-	3	2	1	5	4
Canadian	18	66.9	6	2	-	-	-	3	-	-	4	3
Carter	26	58.7	8	-	2	-	-	3	4	-	4	5
Cherokee	10	43.7	4	-	-	-	-	-	1	1	1	3
Choctaw	15	52.9	2	-	-	3	-	3	2	1	2	2
Cimarron	7	191.6	-	2	-	-	-	4	-	-	1	-
Cleveland	45	154.2	5	13	-	-	-	8	4	-	5	10
Coal	6	46.8	1	1	-	-	-	-	-	-	2	2
Comanche	39	94.1	10	4	-	-	-	4	5	2	2	12
Cotton	6	52.0	-	-	1	1	-	1	-	1	1	1
Craig	20	94.9	4	-	1	2	-	2	1	-	7	3
Creek	32	62.8	7	-	1	3	3	6	-	2	6	4
Custer	14	60.7	4	-	2	1	-	-	1	-	4	2
Delaware	9	48.4	4	1	-	-	-	1	1	-	-	2
Dewey	3	26.5	1	-	-	1	-	-	-	-	-	1
Ellis	2	27.1	-	-	-	-	-	2	-	-	-	-
Garfield	28	61.6	3	7	-	-	2	1	-	-	7	8
Garvin	20	64.5	7	-	-	-	2	-	3	1	5	2
Grady	37	90.0	15	11	1	2	-	-	2	1	2	3
Grant	3	23.8	1	-	1	-	-	-	-	-	1	-
Greer	8	55.0	3	2	-	-	-	-	-	-	2	1
Harmon	2	20.0	-	-	-	-	-	-	-	1	-	1
Harper	8	138.7	1	4	-	-	-	1	-	-	2	-
Haskell	4	22.3	-	-	-	1	-	-	2	-	-	1
Hughes	17	59.5	6	-	1	-	-	3	-	2	4	1
Jackson	15	66.1	6	2	-	1	-	1	1	1	3	-
Jefferson	11	79.1	5	1	-	-	-	-	-	-	3	2
Johnston	10	62.7	4	-	-	1	-	-	-	-	3	2
Kay	37	78.6	14	2	-	-	-	5	1	1	5	9
Kingfisher	8	51.8	3	1	1	-	-	1	-	-	1	1
Kiowa	15	65.7	8	-	2	-	-	-	-	-	4	1
Latimer	5	40.4	4	-	-	-	-	1	-	-	-	-
LeFlore	32	69.8	3	14	3	1	-	3	-	1	3	4
Lincoln	21	76.9	7	-	1	2	-	2	-	3	3	3
Logan	11	46.0	-	-	-	-	1	3	1	-	4	2
Love	2	17.5	-	-	-	-	-	1	-	-	-	1
McClain	7	39.0	1	-	2	-	-	-	1	1	1	1
McCurtain	16	35.7	4	-	-	-	-	3	1	2	1	5
McIntosh	10	42.3	3	-	1	-	-	2	-	-	2	2
Major	4	33.9	-	-	-	-	-	2	-	-	1	1
Marshall	4	30.5	-	-	2	-	-	-	1	1	-	-
Mayes	18	76.1	7	-	2	-	-	2	4	1	-	2
Murray	9	65.0	5	-	-	-	-	1	-	-	-	3
Muskogee	70	106.2	14	-	-	6	-	12	2	5	6	25
Noble	5	34.1	1	1	1	-	-	-	1	-	-	1
Nowata	7	41.4	-	1	1	1	-	1	-	-	1	2
Okfuskee	16	64.4	6	-	1	-	-	-	3	1	3	2
Oklahoma	182	65.1	60	21	6	4	6	16	7	5	26	31
Okmulgee	26	55.7	8	-	1	2	1	1	-	2	6	5
Osage	17	44.2	1	1	-	2	-	4	1	1	3	4
Ottawa	40	111.6	5	3	-	-	1	7	7	1	7	9
Pawnee	9	55.9	2	-	-	-	-	1	-	1	5	-
Payne	20	56.2	2	1	-	1	-	7	1	-	4	4
Pittsburg	49	102.0	9	6	2	3	1	7	2	1	5	13
Pontotoc	20	50.3	4	-	2	1	-	2	2	1	5	3
Pottawatomie	43	89.6	11	6	1	2	-	5	1	4	7	6
Pushmataha	64	328.8	1	-	-	1	-	1	-	1	-	60
Roger Mills	1	11.2	-	-	-	-	-	-	-	-	1	-
Rogers	14	63.1	8	-	1	-	-	-	1	-	3	1
Seminole	44	85.4	19	-	2	1	-	2	3	1	3	13
Sequoyah	8	31.9	3	-	4	-	-	-	-	-	1	-
Stephens	20	64.3	8	-	-	-	-	5	-	1	5	1
Texas	10	101.1	6	-	-	-	-	1	-	1	-	2
Tillman	21	101.2	6	6	-	-	1	2	1	-	2	3
Tulsa	122	53.1	38	7	4	-	6	13	7	3	29	15
Wagoner	8	37.7	1	-	-	-	-	3	-	1	1	2
Washington	19	59.3	4	-	-	-	-	4	3	-	4	4
Washita	15	67.3	2	3	-	-	-	5	-	1	2	2
Woods	14	93.9	5	-	1	-	-	2	-	-	3	3
Woodward	18	109.1	-	-	1	1	-	3	-	-	7	6

* Number per 100,000 estimated population.