PUBLIC HEALTH STATISTICS

STATE OF

OKLAHOMA

1950

PART II

BIRTHS AND DEATHS

Oklahoma State Department of Health
Oklahoma City, Oklahoma

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

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PUBLIC HEALTH STATISTICS OF OKLAHOMA

BIRTHS AND DEATHS

1950

Public Health Statistics, an annual summary of the births and deaths which have occurred to the people of Oklahoma, is published primarily as a tool for public health workers, the medical profession, research workers, and others interested in promoting physical and mental health for the public. It is the intent that the statistics contained in this and other bulletins in the series may serve as a divining rod for discovering local health needs and as a yardstick for measuring results in meeting these needs. This is the eighth edition of the bulletin and contains data relating to births, stillbirths, and deaths that occurred in 1950. Analysis of the data is somewhat limited in scope, but some of the findings of particular interest to the public health workers of today have been selected for discussion.

An appendix containing general tabulations for the State as a whole and for each county has been included to be used as a basis for further analyses as needed. More detailed information is available either in tabular form or in special publications prepared by the Division of Statistics of the Oklahoma State Department of Health.

POPULATION

The characteristics of the population of Oklahoma changed in several respects since 1940. In the ten years since 1940, the State lost a total of 103,083 residents, 32,701 of whom were non-white[1] (Negro and Indian). This was a 3.3 per cent decrease in the white population and a 14.1 per cent decrease in the non-white population. The Negro population decreased by 13.8 per cent, and the Indian by 14.8[1] per cent. Since the numbers of births during the past ten years has averaged 2.5 times the numbers of deaths, the above loss in population must be attributed to migration.

The State became more urbanized, with 49.6[2] per cent of the population living in urban areas in 1950 compared with only 37.6 per cent in 1940. Although the State as a whole lost population, each one of the 23 cities of 10,000 or more inhabitants showed an increase.

Table 1 and Chart 1, below, illustrate the change in the age characteristics between the last two Censuses. The per cent of persons 5 to 35 years of age decreased, whereas the per cent under 5 years and over 35 years increased. This represents a significant loss in the population of working age and a gain in the dependent population which

[1] Provisional

[2] This is according to the old definition of "urban area". With the new definition which included certain territory in addition to incorporated place with 2,500 or more population, this figure was 51.0 per cent.

accounts in part for the considerable increase in deaths from degenerative diseases, although the age-specific death rates of certain of these diseases prove the shift in the age composition of the population not to be the sole factor.

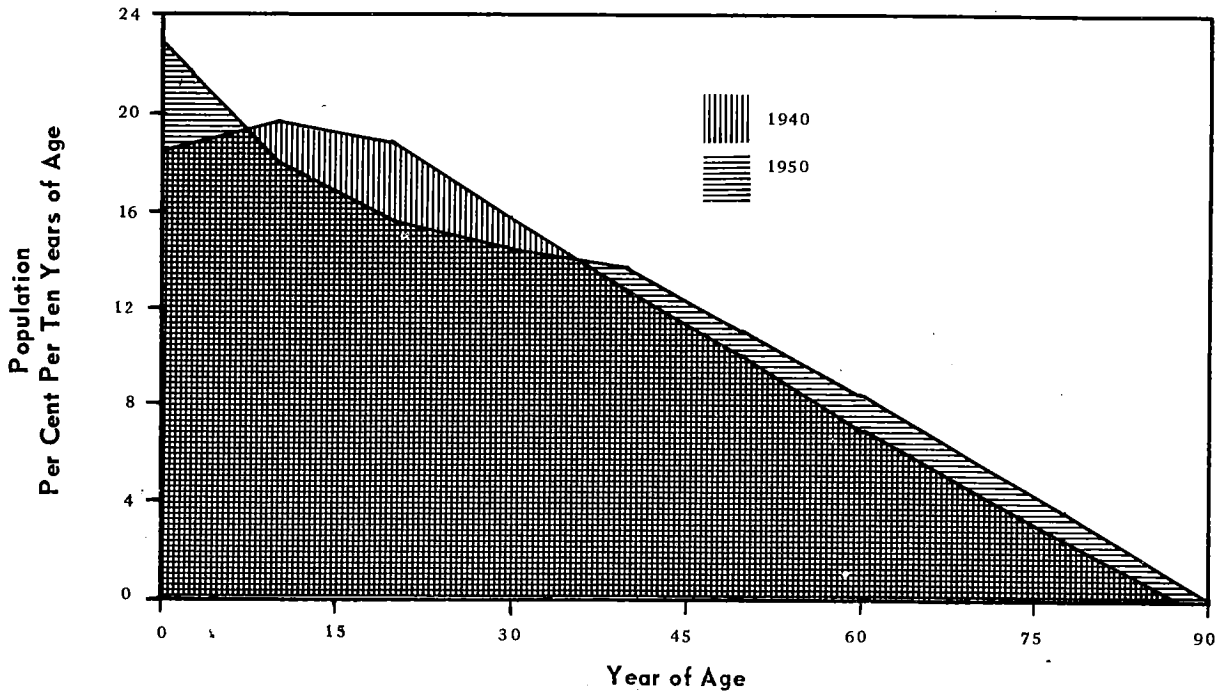
Table 1

Census Enumerations, Per Cent Distribution by Age, by Sex, Oklahoma, 1940 and 1950

	Per Cent Distribution					
	Total		Male		Female	
	1950	1940	1950	1940	1950	1940
Total population	2,233,351	2,336,434	1,115,595	1,181,892	1,117,756	1,154,542
Per Cent by Age	100.1	100.1	100.1	99.9	99.9	100.1
Under 5 years	10.8	9.4	11.0	9.4	10.6	9.3
5-14 years	17.9	19.8	18.3	19.9	17.4	19.8
15-24 years	15.5	18.9	15.5	18.6	15.4	19.1
25-34 years	14.4	15.8	14.2	15.2	14.6	16.3
35-44 years	13.5	12.9	13.3	12.7	13.8	13.1
45-54 years	11.0	10.1	10.9	10.2	11.1	9.9
55-64 years	8.3	7.0	8.2	7.3	8.3	6.8
65 years and over	8.7	6.2	8.7	6.6	8.7	5.8

Chart 1

Age-Distribution of the Population, Oklahoma, 1940 and 1950



The sex distribution has also shown a reversal. In 1940 there were 27,350 more male residents than female whereas in 1950 the female residents outnumbered the male residents by 2,161.

The 1950 rates in this bulletin were based on the Census enumeration of April 1, 1950. The populations used in Table A, a historical summary, were estimated by interpolation between Censuses. Populations for 1941-1949 were re-estimated and consequently will not agree with the estimates computed without the benefit of the 1950 Census and given in editions of this bulletin for previous years.

RESIDENCE ALLOCATION

Through the voluntary exchange of copies of birth and death certificates between the States, sponsored by the National Office of Vital Statistics, births and deaths are reallocated to the resident state for statistical purposes. This procedure makes it possible to determine the number of births and deaths occurring to the resident population of Oklahoma, regardless of where in the United States the events take place. Alaska, Canada and Hawaii also participate in the program for exchange of certificates. Correction of residence within the State is made on a county and city basis.

The usual residence as specified on the certificate is generally used for residence reallocation. If, however, information entered on the certificate in place of birth or death indicates that the mother, in case of a birth, or decedent had lived in the place of birth or place of death for one year or more, that is considered to be the place of residence also for statistical tabulations.

Most of the statistics in the bulletin are based on data which have been corrected for residence. Table C, however, which shows the births, stillbirths, deaths, infant and neonatal deaths for each county according to the place of occurrence of the event, has been included since this information is of value for some purposes. Other death tabulations for each county and city according to place of occurrence are on file.

As in 1949, the number of resident births and deaths occurring outside of Oklahoma exceeded the number of non-residents who were born or died in the State. This relationship is shown in table 2.

Table 2

Residence Allocation, Oklahoma, 1950

	Non-Resident Certificates Excluded	Resident Transcripts Included
Births	1,175	1,641
Deaths	444	916

The states which reallocated the largest number of Oklahoma resident births and deaths are listed in Table 3. As might be expected, more of the resident births and deaths which occurred in other states were recorded in the states along the border, with Texas leading the list.

Table 3

Births and Deaths of Oklahoma Residents Occurring Outside Oklahoma, by State in Which the Events Occurred 1950

State	Number	
	Births	Deaths
Total	1,641	916
Alabama	7	6
Arizona	9	17
Arkansas	400	127
California	6	34
Colorado	21	25
Illinois	12	10
Kansas	351	163
Louisiana	11	8
Maryland	7	6
Michigan	-	8
Minnesota	3	9
Mississippi	15	1
Missouri	101	77
New Mexico	52	39
Texas	570	315
Washington	14	5
All others	62	66

CAUSE OF DEATH CLASSIFICATION

Coding Procedures

In 1948, the World Health Organization published the International Statistical Classification of Diseases, Injuries and Causes of Death, as the sixth decennial revision of the International List. This List, along with the special instructions for coding causes of death, was first used during 1949 for primary classification of causes of death for statistical purposes.

During the decade prior to 1949, the fifth revision of the List and the Manual of Joint Causes of Death were used for the selection of the primary cause to be used for statistical classification. Some of the changes made in the inclusions in the categories for the sixth revision, and in the procedures for the selection of a single cause of death, brought some incomparability between the statistics for 1949 and 1950 and those for previous years. The effects of some of these changes have been explained in detail in the 1949 issue of this bulletin.

In order to determine how much the statistics were affected by these changes, the death certificates for 1949 were coded according to both the fifth and sixth revisions of the International List and a comparability ratio prepared for each main category.

The "comparability ratio" for each category is the ratio of the number of deaths classified to that category by the sixth revision to the number of deaths thus classified by the fifth revision. It is an index of how much of the increase or decrease in the number of deaths for a specific cause was due to the difference in coding procedures alone. The comparability ratio for any category may be applied to the number of deaths assigned to that category in previous years to estimate how many deaths would have been attributed to that cause had the sixth List and coding procedures been used instead of the fifth. Rates computed for the estimated number of deaths would then be comparable with rates subsequent to 1949 to determine increases or decreases in specific death rates. In Table B (Appendix), the numbers and rates have been adjusted for certain diseases whose comparability ratios deviated from 1.0 sufficiently to justify their application. The numbers and rates appearing in Table B should be used whenever it is desired to compare the mortality data for 1941-1949 with any year subsequent to 1949.

LIVE BIRTHS

In 1950, 50,472 live infants were born to Oklahoma residents, 1,641 of which were born outside of the State. The birth rate of 22.6 was slightly higher than the 1949 rate of 22.3.

The graph, below, shows the proportionate change in birth rates for the white and non-white populations for the ten years preceding and including 1950. The non-white rate which was lower than the white rate in 1941 is shown to have exceeded the white rate since 1943 and to have shown a sharper increase. Part of the apparent increase for both races was due to improved registration of births. In 1940 only 84.8 per cent of the births in Oklahoma were registered, but by 1950, 96.0 per cent were being registered.

Chart 2

Live Birth Rates, White and Non-White,
Oklahoma, 1941-1950

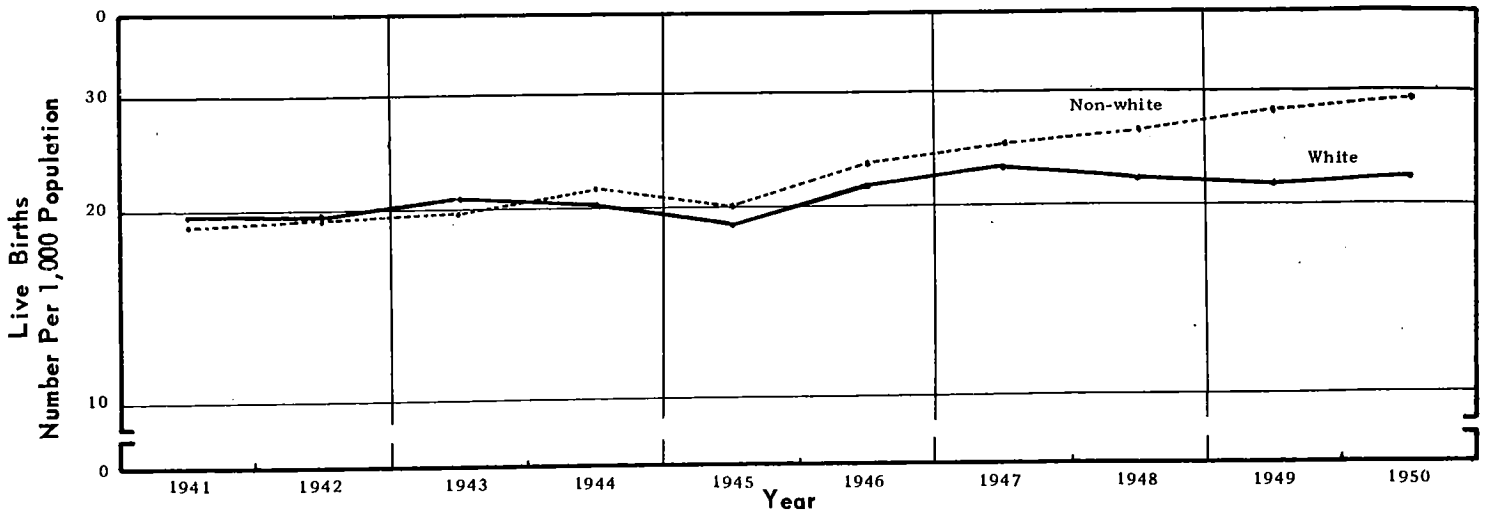


Table 4

Resident Births, Number and Rate* by Race,
Oklahoma, 1941-1950

Year	Total		White		Non-white	
	Number	Rate	Number	Rate	Number	Rate
1941	45,313	19.5	40,968	19.5	4,345	19.1
1942	45,277	19.6	40,887	19.6	4,390	19.5
1943	47,800	20.8	43,388	20.8	4,412	19.9
1944	46,885	20.5	42,155	20.3	4,730	21.7
1945	43,405	19.0	39,065	18.9	4,340	20.2
1946	50,043	22.0	45,090	21.9	4,953	23.4
1947	52,691	23.3	47,440	23.1	5,251	25.2
1948	50,428	22.4	45,083	22.0	5,345	26.1
1949	49,971	22.3	44,272	21.7	5,699	28.3
1950	50,472	22.6	44,588	21.9	5,884	29.6

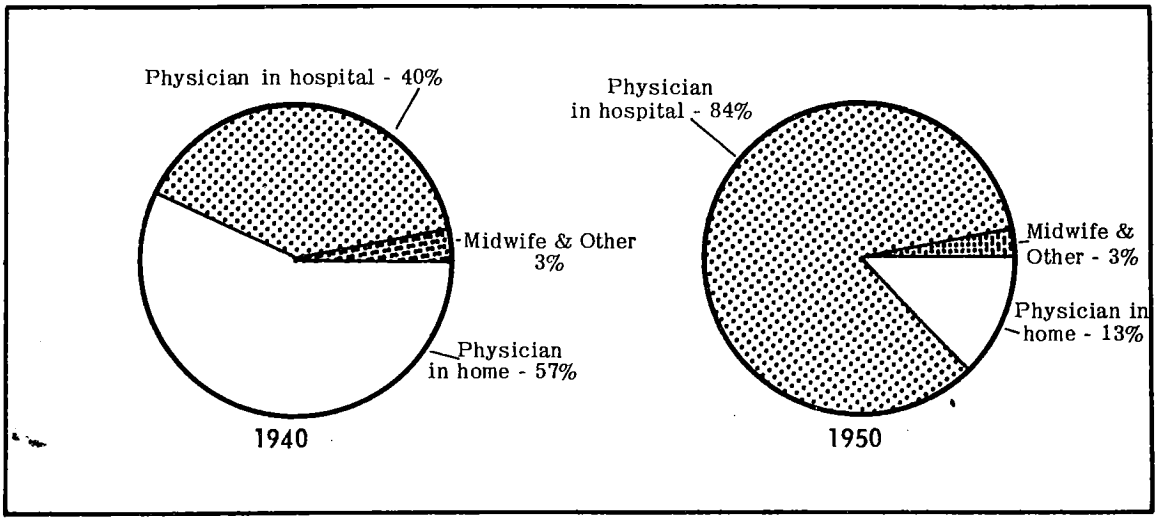
*Number per 1,000 live births.

The non-white births for 1950 consisted of 3,815 Negroes and 2,069 Indians with respective rates of 26.2 and 38.5.

The per cent of infants delivered in hospitals in 1950 was 84.3. This was a 110 per cent increase over the proportion delivered in hospitals in 1940. The per cent delivered by midwives and other non-professional persons showed little change, whereas the per cent delivered by physicians in homes decreased considerably. See Chart 3.

Chart 3

Live Births by Attendance, Oklahoma, 1940 and 1950



The proportion of Indian deliveries in hospitals, Table 5, almost equalled that of the white, 85.1 and 86.9 per cent, respectively; but only 53.6 per cent of the Negroes were reported to have been delivered in hospitals. Two factors which likely have caused this are that many Indian births were unattended and consequently were not registered. Also, free hospital facilities are provided in six federal Indian hospitals in the State located at Claremore, Clinton, Lawton, Pawnee, Talihina and Tahlequah.

Table 5

Live Birth Attendance by Race, Oklahoma, 1950

Attendance	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total	50,472	100.0	44,588	100.0	3,815	100.0	2,069	100.1
Physician in hospital	42,543	84.3	38,737	86.9	2,045	53.6	1,761	85.1
Physician in mat. home	471	0.9	453	1.0	4	0.1	14	0.7
Physician in home	6,096	12.1	5,075	11.4	842	22.1	179	8.7
Midwife and other	1,362	2.7	323	0.7	924	24.2	115	5.6

This is the third year that data based on birth weight have been available from the live birth tabulations, since an item for birth weight was first included in the 1948 revision of the standard certificate of live birth. In 1950 this item was complete on 98 per cent of the certificates, compared with 96 per cent in 1949 and 93 per cent in 1948. Infants with birth weight under five and one-half pounds were classified as immature.

Table 6, below, shows that the Negro race had a higher per cent of immature live births than the white or Indian races based on birth weight alone as a criterion.

Table 6

Percentage of Immature Live Births*, by Race, Oklahoma, 1950

	Total	White	Negro	Indian
Live births with birth weight specified	49,381	43,728	3,648	2,005
Birth weight $5\frac{1}{2}$ pounds or less	3,137	2,654	359	124
Per cent	6.4	6.1	9.8	6.2

*Based on birth weight alone.

Table 7, below, gives the number of immature births by birth weight and age of mother for 1949-1950. A higher per cent of immature infants whose mothers were 20-24 years of age were in the upper weight brackets than any other age group. The average age of mothers of immature babies at delivery was 25.6 compared with 25.8 for mothers of total live births. This difference was not significant.

A significantly higher percentage, 12.5 in this two-year period, of the infants born to mothers under 15 years of age were immature than of infants born to mothers of any other age group. The number of births to mothers under 15 was very small, however, only 88 of specified weight in each of the years 1949 and 1950.

Table 7

Resident Immature Births, by Birth Weight and Age of Mother
Oklahoma, 1949-1950

Birth Weight	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-44	45 & Over	Unk.
Live births with birth weight spec.	97,384	176	16,723	33,523	24,318	12,908	9,233	162	341
Total immature births	5,847	22	1,142	1,962	1,409	741	551	6	14
Per Cent	6.0	12.5	6.8	5.9	5.8	5.7	6.0	3.7	4.1
4 lb 9 oz - 5 lb 8 oz	3,755	10	719	1,273	923	475	344	1	10
3 lb 9 oz - 4 lb 8 oz	1,185	6	234	406	277	141	116	3	2
2 lb 9 oz - 3 lb 8 oz	525	4	115	168	118	61	56	2	1
Less than 2 lb 8 oz	382	2	74	115	91	64	35	-	1

STILLBIRTHS

During 1950, 825 stillbirths to residents of Oklahoma were reported, compared to 860 in 1949, the smallest number previously reported. Perhaps more significant is the fact that along with this decrease was an increase in the number of live births, so that the rate decreased proportionately more than the number — from 17.2 per 1,000 live births in 1949 to 16.3 in 1950. In accordance with the State's legal definition, "stillbirth", as used here, means a birth, not a live birth, at more than 20 weeks gestation. By law, a special stillbirth certificate must be filed for each such event.

The stillbirth rate was lower for the white racial group than for the Negro and Indian groups, the rates being 14.8, 30.4 and 22.7, respectively. (See Table II in the Appendix.) The proportion of stillbirths occurring in hospital and home, and with medical and non-medical attendance, also differed among the racial groups, as may be seen in Table 8, below. (Similar information is available in Table VI for each county, Oklahoma City and Tulsa.)

Table 8

Stillbirth Attendance by Race, Number and Per Cent,
Oklahoma, 1950

Attendance at Birth	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total	825	100.0	662	100.0	116	100.0	47	100.0
Physician in hospital	669	81.1	565	85.3	65	56.0	39	83.0
Physician in mat. home	3	0.4	3	0.4	-	-	-	-
Physician in home	121	14.7	85	12.8	32	27.6	4	8.5
Midwife	22	2.7	5	0.8	14	12.1	3	6.4
Other and unknown	10	1.2	4	0.6	5	4.3	1	2.1

The numbers of stillbirths attributed to various important causes, together with the percentages, are included in Table 9 for 1950 in Oklahoma. A more detailed tabulation of the data from the stillbirth certificates revealed certain interesting facts not included in the table. One of these facts was that only six stillbirths during the year were attributed to maternal syphilis, two of which specified syphilitic infection in the fetus itself, compared to nine in 1949; another, that of the five stillbirths assigned to acute disease in the mother, four were due to influenza, and one to pneumonia. No fetal deaths were attributed to absorption of narcotic or other toxic substance from the mother.

In the study of Table 9, it is essential to realize that several causes of stillbirth were frequently mentioned on a single certificate — causes for which a logical sequence could not be established — thus rendering necessary a "weight" system for selection of the cause for statistical assignment. The system employed gives precedence to causes determined in the fetus, placenta and cord, when these are included on the certificate with causes and conditions in the mother.

Table 9

Resident Stillbirths, by Cause of Stillbirth
Oklahoma, 1950

Cause of Stillbirth	Number	Per Cent
Total	825	99.9
Causes Determined in the Mother, or Related to Pregnancy:	200	24.2
Diabetes mellitus (Y30.2)	11	1.3
Chronic disease of genito-urinary system (Y30.4)	5	0.6
Other chronic diseases (Y30.0, .1, .3, .5)	20	2.4
Acute disease in mother (Y31)	5	0.6
Toxemias of pregnancy (Y32.3, .4)	58	7.0
Infection (ante- and intra-partum) (Y32.5)	2	0.2
Difficulties in labor (Y34)	79	9.6
Self-induced abortion (Y32.0)	2	0.2
Accident or violence (Y35.0, .1)	17	2.1
Other and ill-defined causes in mother (Y32.1, .2, Y33, Y35.2, .3)	1	0.1
Causes Determined in the Fetus, Placenta or Cord:	335	40.6
Placenta and cord conditions (Y36)	231	28.0
Birth injury (Y37)	12	1.5
Congenital malformations of fetus (Y38)	67	8.1
Erythroblastosis (Y39.2)	22	2.7
Other causes determined in the fetus (Y39.0, .1, .3)	3	0.4
Ill-defined causes (Y39.4, .5)	119	14.4
Cause unspecified (Y39.6)	171	20.7

Figures in parentheses refer to "Classification of Causes of Stillbirths," *International Statistical Classification of Diseases, Injuries, and Causes of Death*, Sixth Revision, 1948.

On the stillbirth certificate, a space is provided for information regarding any operative procedure involved. No operation (except perhaps episiotomy) was performed in 590 of the 825 stillbirths. In 126 other cases, no statement was made as to whether or not there was an operation for delivery. (This situation, however, was better than that in 1949, when 189 certificates failed to carry this information.) Operations were reported for 109 of the stillbirths, these operations including 39 cesarean sections and 38 forceps deliveries, three of which were specified to be with version. Table 10, below, indicates that in two-thirds of the cases, fetal death had occurred before surgical intervention.

Table 10

Resident Stillbirths, According to Whether Death Occurred Before or During Operation, by Race, Number and Per Cent, Oklahoma, 1950

Time of Death	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total operations	109	100.0	86	100.0	13	100.0	10	100.0
Before operation	73	67.0	58	67.4	7	53.8	8	80.0
During operation	17	15.6	15	17.4	2	15.4	-	-
Not stated	19	17.4	13	15.1	4	30.8	2	20.0

Besides the information regarding operations, the standard stillbirth certificate form requests the time of death with respect to the onset of labor. This information was omitted, however, from 119 of the certificates in 1950. Table 11 contains a tabulation of this item for each racial group.

Table 11

Resident Stillbirths, According to Whether Death Occurred Before or During Labor, by Race, Number and Per Cent, Oklahoma, 1950

Time of Death	Total		White		Negro		Indian	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total Stillbirths	825	100.0	662	100.0	116	100.0	47	100.0
Before labor	445	53.9	358	54.1	56	48.3	31	66.0
During labor	261	31.6	213	32.2	34	29.3	14	29.8
Not stated	119	14.4	91	13.7	26	22.4	2	4.3

TOTAL DEATHS

For 1950, Oklahoma's crude death rate was 8.7 per 100,000 population, based on 19,431 resident deaths. The rates for the white, Negro and Indian populations were 8.4, 11.9 and 10.3, respectively. These rates, and the figures on which they are based, may be found in Tables I and II in the Appendix, together with similar data for important causes of death.

The death certificates supplying the information from which these figures were compiled, varied widely in the completeness of the information included. In all but 36 cases, however, the age at death was obtained, and the average age was determined to be 60.3 years. (The median age, exceeded by half the decedents, was approximately 67.9 years.) Those surviving beyond the first year of life died at an average age of 65.4 years. Thirty-six persons died at the age of 100 years or more; the greatest reported age was 110 years.

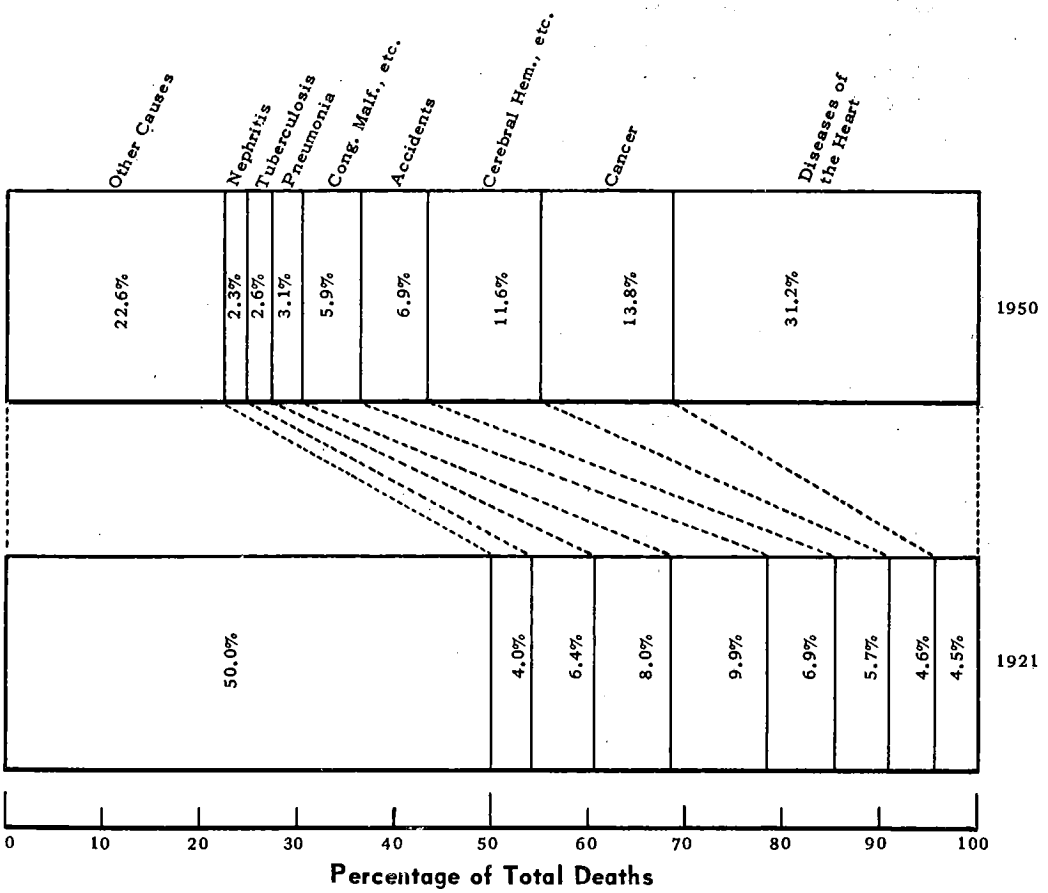
LEADING CAUSES OF DEATH

The eight leading causes of death in 1950 were the same and in the same order as in 1949. Well over one-half of the total number of deaths were assigned to the three leading causes — heart disease, malignant neoplasms, and vascular lesions of the central nervous system.

That these conditions have not always had the same relative importance in Oklahoma is apparent from Chart 4, which affords a comparison of these causes in 1921 and 1950. In 1921, for example, all eight

Chart 4

Proportion of Deaths Assigned to Each of the Eight Leading Causes in 1950 Oklahoma, 1921 and 1950



of the causes together accounted for only one-half of the deaths, whereas in 1950 they were responsible for more than three-quarters. Many factors have undoubtedly had their part in producing these changes; in addition to the obvious influence of an aging population, the decline in infant mortality, and reduction of deaths from communicable diseases, the effects of changes in coding procedures and improvements in medical diagnosis and cause-of-death certification must not be overlooked.

The three leading causes of death, just mentioned, are largely conditions of the higher ages, or at least eventuate in death at these ages. To illustrate this fact, Chart 5 includes age-specific death rates for each of these causes, and for all causes, in each age group for which Census data were available at the time of writing. The logarithmic vertical scale helps to point out the similarity in the way in which the death rates for the three causes increase with age. The curve for all deaths approaches a similar pattern for the older ages — to be expected from the fact that 66 per cent of the deaths at ages 35 and over were assigned to one of these causes, the proportion increasing somewhat at higher ages.

Chart 5

Age-Specific Death Rates from Heart Disease, Malignant Neoplasms, Vascular Lesions of the Central Nervous System and All Causes, Oklahoma, 1950

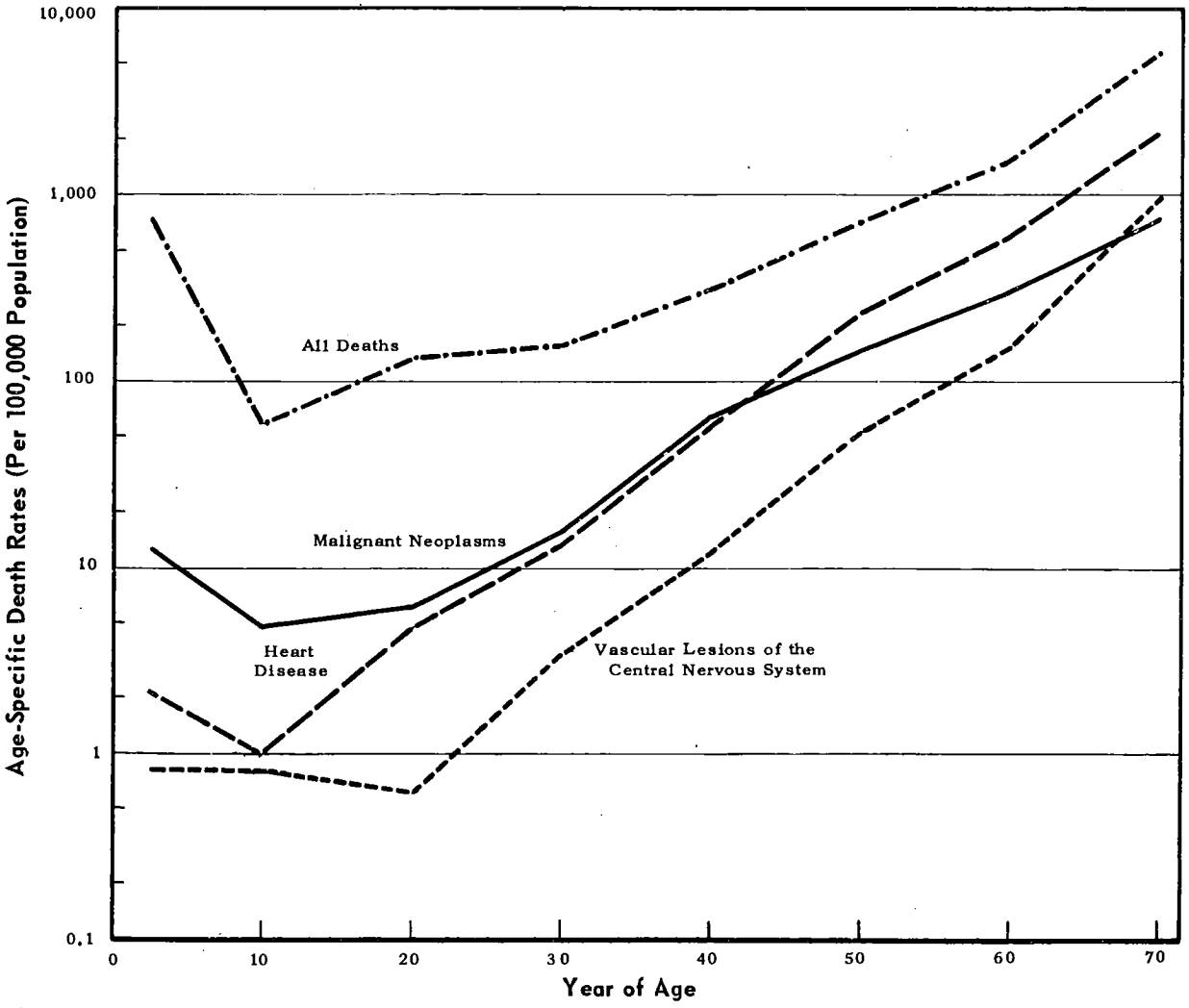


Table IV, in the Appendix, contains data regarding the leading causes of death in various age groups, including numbers and percentages of deaths due to these causes in the three racial groups. Each of these leading causes, and certain other causes of interest, will be discussed in the following pages.

Heart Disease

In 1950, 6,056 deaths were assigned to diseases of the heart, representing an increase of 3.4 per cent over 1949, which had the largest number until that time. The 1950 death rate from this cause was 271.2 per 100,000 population.

As mentioned in the preceding section, the heart diseases are reported as a cause of death largely in the higher age groups. Thus, in the age groups of Table IV, this cause is in first place only in the groups 45 years of age and older. An increase in mortality from this cause might be expected, then, from the increasing average age of the population. Table 12, below, which includes age-specific death rates from heart disease for 1950 and 1940, suggests, however, that in the higher ages at least, the chance of dying from these conditions has actually increased, and that the recorded increase in heart disease mortality is not entirely a result of the aging of the population.

Table 12

Deaths from Heart Disease, Number and Age-Specific Rates, Oklahoma, 1940 and 1950

Age Group	1940*		1950	
	Number	Rate	Number	Rate
Total	3,970	169.9	6,056	271.2
Under 15 years	41	6.0	9	1.4
15-24 years	36	8.2	16	4.6
25-34 years	65	17.7	43	13.4
35-44 years	192	63.8	173	57.2
45-54 years	437	185.9	569	231.6
55-64 years	767	467.8	1,069	577.4
65 years and over	2,425	1,673.2	4,169	2,150.2
Not stated	7		8	

*Recorded.

Of the deaths assigned to heart disease, 4,262, or 70.4 per cent of the total, were assigned to arteriosclerotic and degenerative heart disease. In this largest category, 3,540 deaths were attributed to arteriosclerotic heart disease, including coronary disease, 89 to

chronic endocarditis not specified as rheumatic, and 633 to other myocardial degeneration. These figures may be validly compared with those of other agencies using the International Statistical Classification. It should be stated, however, that when more than one kind of heart disease is mentioned on the death certificate, special rules of precedence must usually be employed to determine the statistical assignment of the death. These rules tend to give priority to the arteriosclerotic and degenerative heart diseases, and elaborate multiple-cause tabulations would be necessary to ascertain the frequency with which these diseases are accompanied by other heart conditions in the cause-of-death certification.

Two other conditions not included in this category may logically be mentioned here — congenital heart disease and rheumatic fever. Heart disease specified as congenital is included with the congenital malformations and will be discussed in another section. As for rheumatic fever, 19 deaths were assigned to this condition, 16 with heart involvement, and 3 without mention of such involvement. These deaths are in addition to the 216 deaths assigned to chronic rheumatic heart disease.

Malignant Neoplasms

As was seen in Chart 4, malignant neoplasms, responsible for only 4.6 per cent of the deaths reported in 1921, in 1950 accounted for 13.8 per cent. This figure represented a small increase over the 13.2 per cent experienced in 1949.

Age appeared to be an important factor in the likelihood of death from cancer. Age-specific rates for deaths from this cause in 1940 and 1950 are included in Table 13, below.

Table 13

Deaths from Malignant Neoplasms, Number and Age-Specific Rates
Oklahoma, 1940 and 1950

Age Group	1940*		1950	
	Number	Rate	Number	Rate
Total	1,951	83.5	2,682	120.1
Under 15 years	21	3.1	50	7.8
15-24 years	18	4.1	21	6.1
25-34 years	63	17.1	51	15.9
35-44 years	178	59.1	196	64.8
45-54 years	304	129.3	361	147.0
55-64 years	436	265.9	560	302.5
65 years and over	930	641.7	1,442	743.7
Not stated	1		1	

*Recorded.

Sex differences in mortality from cancer of various sites are indicated in Table 14. The categories used in this table differ somewhat from those employed in the Appendix, but are the same as in the cancer tabulations in Part I of Public Health Statistics, Reportable Diseases.

Table 14

Resident Deaths from Malignant Neoplasms, by Primary Site, by Sex, Oklahoma, 1950

Site	Male	Female
Total	1,429	1,253
Buccal cavity and pharynx	62	12
Digestive organs and peritoneum	559	451
Nose, nasal cavities, middle ear, and accessory sinuses	6	2
Other respiratory organs	204	48
Breast	3	185
Uterus	-	212
Other female genital organs	-	73
Male genital organs	201	-
Urinary organs	68	44
Skin	35	21
Brain and other parts of the central nervous system	44	11
Bone	21	13
Lymphosarcoma and reticulosarcoma	30	16
Hodgkin's disease	19	7
Leukemia and aleukemia	64	50
Other neoplasms of lymphatic and hematopoietic tissues	13	12
Other and unspecified organs	100	96

The cancer in more than one-third of the deaths was primary in the digestive organs or peritoneum, and these sites were most important in both sexes. Next most important site for men was respiratory system with 210 deaths (183 of these being located in the trachea, bronchus or lung), and for women, the uterus, with 212. Of the uterine cancers, 96, or 45.3 per cent, appeared from information on the death certificate to have originated in the cervix. Only eight had their primary site in other parts of the uterus, while for 108 the exact location was unspecified. A third frequently reported site for the males was the "genital organs". Of the 201 deaths in this category, 185 were primary in the prostate.

Vascular Lesions of the Central Nervous System

The generally upward trend in the number of deaths from cerebral hemorrhage and related conditions continued in 1950, with 2,246 such deaths having been recorded, compared to the 1949 figure of 2,197, the largest previously reported number. The death rates showed considerable difference between the racial groups, being 136.1 for the Negro group, 99.2 for the white, and 55.8 for the Indian. As in 1949, there was a small sex difference; 46.7 per cent of the deaths were of females.

Some idea of the variation with age of the death rates from this cause may be obtained from Chart 5, where the pattern is seen to be much the same as for heart disease, perhaps reflecting a common etiology.

Accidents

Again in 1950, "accidents" was the fourth leading cause of death, and the leading cause in the age groups 5 through 34. (See Table IV in the Appendix.) A decline was noted, however, in the number of deaths of residents from this cause in 1950, 1,350 such deaths having been recorded, or 6.9 per cent of the total, compared to 1,476, or 7.6 per cent in 1949. Deaths from motor-vehicle accidents dropped from 550 to 522, the remainder of the decline being distributed through most of the categories of non-motor-vehicle accidents.

Nevertheless, despite such year-to-year fluctuations, the long-term trend for accidental deaths in Oklahoma has remained substantially level in the entire period for which records are available. It is interesting to note that the percentage of deaths assigned to this cause was the same in 1921 and 1950. (See Chart 4)

Further information about accidental deaths is available in Part III of Public Health Statistics, Accidental Deaths, published for the second successive year for 1950.

Congential Malformations and Certain Diseases of Early Infancy

The category, "congenital malformations and certain diseases of early infancy", includes all conditions with International List numbers from 750 through 776, hence -- besides all congenital malformations -- birth injuries, infections of the newborn (diarrhea, pneumonia, etc.), erythroblastosis, immaturity, and the like. This category included 76.5 per cent of all infant deaths, and 95.5 per cent of the deaths in this category occurred at less than one year of age. These conditions will be discussed more fully in the section on Infant Deaths.

The only deaths in this category occurring at one year of age or more were from congenital malformations, due to the fact that an age limitation of less than one year placed on other diseases of early infancy does not apply to congenital malformations. Two of the 22 deaths from spina bifida or meningocele occurred at one year, while 28 deaths

of the 118 from congenital malformations of the circulatory system occurred above the one-year mark. Of the 104 deaths assigned to all other congenital malformations, 22 occurred above this age.

Pneumonia

The number of deaths from pneumonia shows considerable change from year to year, although the long-term trend appears to be downward. During 1950, 600 deaths were assigned to this cause, compared to 560 in 1949. These figures are for International List numbers 490-493. In addition, during 1950, 101 deaths were assigned to influenza with pneumonia (International List Number 480), 43 to pneumonia of the newborn (Number 763), and 44 to hypostatic pneumonia (Number 522), each of these conditions being included in another major category.

Pneumonia took most of its toll at the older ages, 44 per cent of the deaths having occurred at 75 years of age or more.

Tuberculosis

The death rate from tuberculosis continued to decline in 1950 to a new low of 22.4 per 100,000 population. The proportion of deaths assigned to this cause amounted to 2.6 per cent, compared to 6.4 per cent in 1921, as may be seen by Chart 4. The white rate was 18.6, the Negro rate, 42.6, and the Indian rate, 109.7.

Nephritis and Nephrosis

The annual number of deaths due to nephritis and nephrosis appears to have remained very much the same over the years, in contrast to all the other leading causes of death except accidents. However, the adoption of the Sixth Revision of the International List reduced the number assigned to this category by about one-half, combinations of conditions formerly included in this category now being assigned to hypertension or to hypertensive heart disease. Adjustment for these changes has been made in Table B (Appendix) for the years 1940-1949.

The death rate from nephritis and nephrosis was particularly high in the Negro race — 66.0, compared to 16.7 for both the white and the Indian racial groups. Of the 445 persons dying from this cause, 56.6 per cent were male.

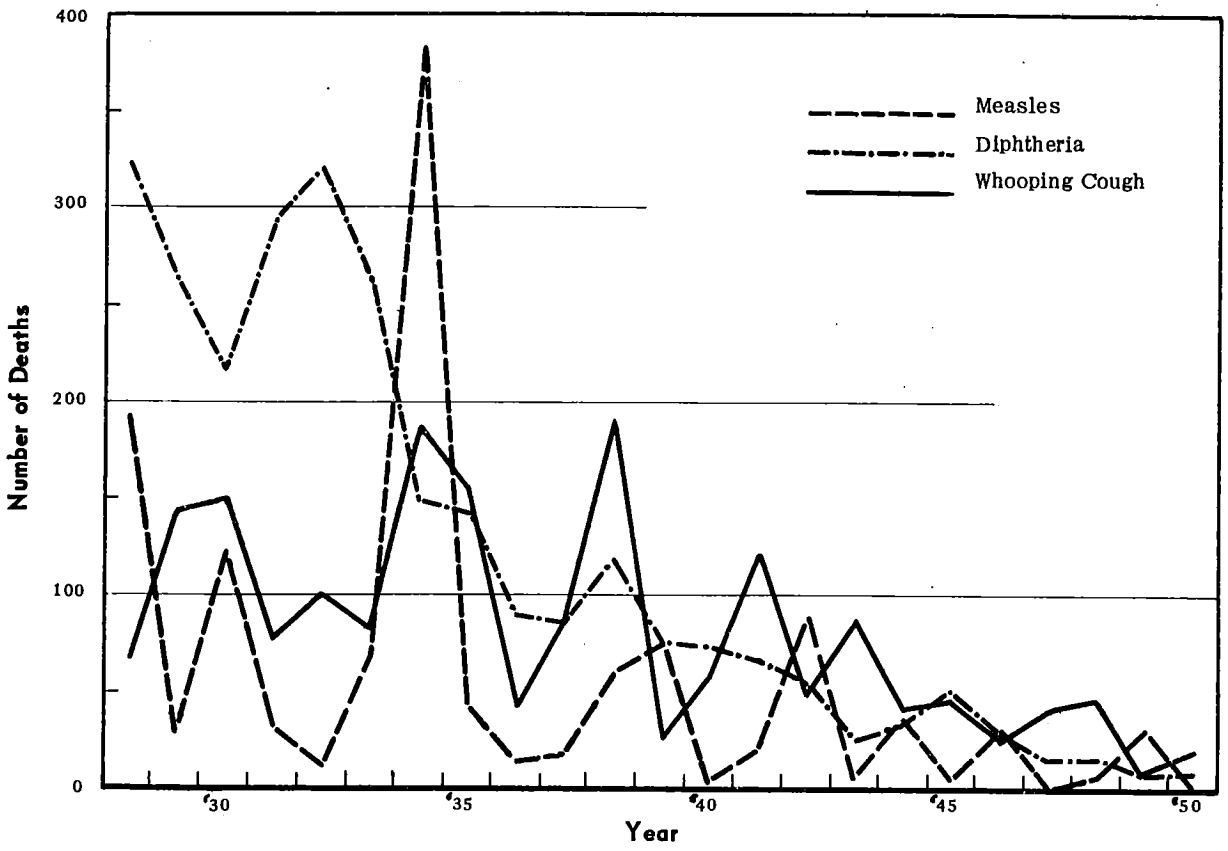
COMMUNICABLE DISEASES

Chart 6, shows the number of deaths assigned to measles, whooping cough and diphtheria for each year since 1928. Apparent from this chart is the decline in mortality from these causes during the period in question. In 1950, all of these diseases together accounted for the death of 30 persons, while (going somewhat further back than the chart) in the years 1918-1920, they accounted for an average of 599 deaths each year.

Another point of interest in the chart is the cyclical variation in mortality from measles and whooping cough, and less obviously, from diphtheria. These figures might be compared profitably with the case data included in Part I of Public Health Statistics, Reportable Diseases.

Chart 6

Deaths from Measles, Diphtheria, and Whooping Cough
Oklahoma, 1928-1950



After the greatest number of deaths from acute poliomyelitis in the history of the State — 109 in 1949 — a sizable decline to 38 deaths was experienced in 1950. In addition, 5 deaths were reported from late effects of this disease.

One death from typhoid fever and none from paratyphoid was reported during the year. Fifteen deaths were assigned to dysenteries -- four to bacillary dysentery, five to amebic dysentery, and six to unspecified forms. Deaths from diarrhea and enteritis (not separately available from the categories included in the tables) were 6 for diarrhea of the newborn (International List Number 764) and 74 for other gastro-enteritis and colitis (List Number 571).

No deaths were reported from scarlet fever during 1950. (One was reported in 1949.) Six deaths occurred from streptococcal sore throat, however, compared to 14 in 1949.

MATERNAL DEATHS

In 1950, for the first time, the death rate for maternal causes was less than 1.0 per 1,000 live births. The total number of deaths attributed to these causes was 43, less than the number due to such causes of death as stomach ulcers and appendicitis. The lowest rate previously recorded was 1.2 in 1948. The rate in 1949 was 1.4.

Childbearing was most hazardous in the Negro racial group, where the rate was 2.1 deaths per 1,000 live births, compared to 1.9 for the Indian group, and 0.7 for the white. Table 15 shows the number of deaths in each racial group from important maternal causes.

Table 15

Maternal Deaths by Cause, by Race, Number and Rate*, Oklahoma, 1950

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All maternal causes.	43	0.9	31	0.7	8	2.1	4	1.9
Sepsis of pregnancy (640, 641) . .	-	-	-	-	-	-	-	-
Toxemias of pregnancy (642). . . .	14	0.3	12	0.3	1	0.3	1	0.5
Hemorrhage of pregnancy (643, 644)	2	0.0	-	-	1	0.3	1	0.5
Ectopic pregnancy without mention of sepsis (645.0).	3	0.1	1	0.0	2	0.5	-	-
Ectopic pregnancy with mention of sepsis (645.1).	2	0.0	2	0.0	-	-	-	-
Abortion without mention of sepsis or toxemia (650).	2	0.0	2	0.0	-	-	-	-
Abortion with mention of sepsis (651).	3	0.1	3	0.1	-	-	-	-
Abortion with toxemia, without mention of sepsis (652).	1	0.0	1	0.0	-	-	-	-
Delivery without complications (660).	-	-	-	-	-	-	-	-
Hemorrhage of childbirth (670-672)	6	0.1	3	0.1	3	0.8	-	-
Sepsis of childbirth and the puerperium (681, 682, 684) . . .	6	0.1	5	0.1	-	-	1	0.5
Toxemias of the puerperium (685, 686)	-	-	-	-	-	-	-	-
Other complications of childbirth and the puerperium (673-680, 683, 687-689).	4	0.1	2	0.0	1	0.3	1	0.5

*Number per 1,000 live births.

The age at death of these women is indicated in Table 16. When these figures are compared with the data for mother's age in the birth tables, it is found that the death rate was highest in the age group 35-44 years, where 4,766 live births were recorded and 12 maternal deaths occurred, for a rate of 2.5 maternal deaths per 1,000 live births.

Table 16

Maternal Deaths by Cause, by Age
Oklahoma, 1950

Cause of Death	Total	Age						
		-15	15-19	20-24	25-29	30-34	35-44	45+
All maternal causes.	43	-	7	7	9	8	12	-
's of pregnancy, childbirth the puerperium	6	-	1	1	-	2	2	-
as of pregnancy and the perium	14	-	2	1	5	4	2	-
hage of pregnancy and dbirth	8	-	1	1	3	-	3	-
ion without mention of sepsis or toxemia.	2	-	1	-	-	1	-	-
Abortion with sepsis	3	-	-	1	1	-	1	-
Other complications of pregnancy, childbirth and the puerperium. . .	10	-	2	3	-	1	4	-

INFANT DEATHS

Although the number of live births was one per cent greater in 1950 than in 1949, the number of infant deaths showed a decrease (of more than one per cent) from the 1949 figure, the lowest previously recorded. The 1950 death rate was 29.9 per 1,000 live births, compared to 30.6 in 1949.

A special study involving the matching of birth and death certificates of infant deaths occurring in 1949-1951 with Oklahoma as place of residence is now in progress. This is similar to the study completed on the 1949 matched infant deaths. For 1950, it was found that of 1,393 such matched records, 1,119 or 80.3 per cent indicated a prenatal serologic test for syphilis in the mother compared with 91.4 per cent of the live birth certificates which indicated a prenatal test.

The assignment of deaths to cause, was generally similar to that experienced in 1949, as may be seen from a comparison of Table 17 with the corresponding table in Births and Deaths for 1949. In such a comparison, though, it must be noted that two important causes of death have been removed from the category, "other certain diseases of early infancy," and tabulated separately. These causes are "postnatal asphyxia and atelectasis" (International List Number 762) and "hemolytic disease of newborn (erythroblastosis)" (Number 770).

Table 17

Deaths Under One Year by Cause, by Race, Number and Rate*, Oklahoma, 1950

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Infant deaths, all causes.	1509	29.9	1208	27.0	194	50.9	107	[illegible]
Syphilis and its sequelae (020). .	3	0.1	1	0.0	1	0.3	1	
Whooping cough (056)	15	0.3	13	0.3	1	0.3		
Other infective and parasitic diseases (1-19,21-55,57-138) . .	32	0.6	27	0.6	4	1.0		
Pneumonia (490-493, 763)	149	3.0	99	2.2	33	8.7		
Other diseases of the respiratory system (470-475,480-483,500-527)	26	0.5	19	0.4	6	1.6		
Gastro-enteritis and colitis (571, 572, 764).	49	1.0	31	0.7	7	1.8	11	5.3
Other diseases of the digestive system (530-570, 573-587). . . .	24	0.5	18	0.4	5	1.3	1	0.5
Congenital malformations (750-759)	192	3.8	176	3.9	10	2.6	6	2.9
Injury at birth (760-761).	158	3.1	131	2.9	20	5.2	7	3.4
Postnatal asphyxia and atelectasis (762).	184	3.6	158	3.5	16	4.2	10	4.8
Hemolytic disease of newborn (erythroblastosis) (770)	30	0.6	28	0.6	2	0.5	-	-
Immaturity (774, 776).	367	7.3	306	6.8	43	11.3	18	8.7
Other certain diseases of early infancy (762, 765-773)	123	2.4	91	2.0	19	5.0	13	6.3
Accidents (E800-E962).	49	1.0	39	0.9	6	1.6	4	1.9
Other defined causes	70	1.4	50	1.1	8	2.1	12	5.8
Symptoms and ill-defined conditions (780-793, 795)	38	0.8	21	0.5	13	3.4	4	1.9

*Number per 1,000 live births.

Deaths of Infants Under One Month of Age*

Of the 1,509 infants dying in 1950 at less than a year of age, 1,067, or 70.7 per cent, failed to survive the first month. Data for these deaths by cause and race are included in Table 18. All infant deaths from syphilis and erythroblastosis were in this group, as were all but two of the deaths from asphyxia and atelectasis, and all but five of those from injury at birth.

More deaths in this age group were assigned to immaturity than to any of the other categories, 354 such deaths having been reported. Next most important was atelectasis with 182, followed by injury at birth with 153, and congenital malformations with 125.

The leading cause of neonatal deaths differed somewhat among the white, Negro and Indian races. Immaturity was the leading cause for all races, but the second leading cause was injury at birth for the Negro neonatal deaths and atelectasis for the white and Indian deaths. The third cause was injury at birth for the white and Indian deaths and atelectasis for the Negro deaths. Congenital malformations was the fourth cause for all races though the rate per 1,000 live births was higher for the white race than for either Negro or Indian, 2.5, 2.1 and 1.9, respectively.

Table 18

Deaths Under One Month by Cause, by Race, Number and Rate*, Oklahoma, 1950

Cause of Death	Total		White		Negro		Indian	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Neonatal deaths, all causes	1,067	21.1	886	19.9	129	33.8	52	25.1
Syphilis and its sequelae (020)	3	0.1	1	0.0	1	0.3	1	0.5
Whooping cough (056)	-	-	-	-	-	-	-	-
Other infective and parasitic diseases (1-19, 21-55, 57-138)	3	0.1	3	0.1	-	-	-	-
Pneumonia (490-493, 763)	43	0.9	34	0.8	7	1.8	2	1.0
Other diseases of the respiratory system (470-475,480-483,500-527)	6	0.1	6	0.1	-	-	-	-
Gastro-enteritis and colitis (571-572, 764)	5	0.1	2	0.0	2	0.5	1	0.5
Other diseases of the digestive system (530-570, 573-587)	12	0.2	9	0.2	3	0.8	-	-
Congenital malformations (750-759)	125	2.5	113	2.5	8	2.1	4	1.9
Injury at birth (760-761)	153	3.0	126	2.8	20	5.2	7	3.4
Postnatal asphyxia and atelectasis (762)	182	3.6	157	3.5	16	4.2	9	4.3
Hemolytic disease of newborn (erythroblastosis) (770)	30	0.6	28	0.6	2	0.5	-	-
Immaturity (774, 776)	354	7.0	296	6.6	41	10.7	17	8.2
Other certain diseases of early infancy (762, 765-773)	105	2.1	83	1.9	15	3.9	7	3.4
Accidents (E800-E962)	8	0.2	6	0.1	1	0.3	1	0.5
Other defined causes	19	0.4	13	0.3	4	1.0	2	1.0
Symptoms and ill-defined conditions (780-793, 795)	19	0.4	9	0.2	9	2.4	1	0.5

*Number per 1,000 live births.

Table 19 shows the ages at which neonatal deaths occurred. About half of them occurred during the first day of life, and for those deaths attributed to immaturity, 63.6 per cent occurred during the first day.

Table 19

Deaths Under One Month, by Cause, by Age
Oklahoma, 1950

Cause of Death	Age in Days									
	Under 1	1	2	3	4	5	6	7-13	14-20	21-29
Neonatal deaths, all causes.	529	176	105	54	22	24	13	70	36	38
Syphilis and its sequelae.	1	-	-	1	-	-	-	1	-	-
Whooping cough	-	-	-	-	-	-	-	-	-	-
Other infective and parasitic diseases	-	-	-	-	-	-	-	1	1	1
Pneumonia.	2	5	5	2	1	5	2	9	5	7
Other diseases of the respiratory system.	-	1	2	-	-	-	-	1	-	2
Gastro-enteritis and colitis	-	-	-	-	1	-	-	2	1	1
Other diseases of the digestive system.	2	2	1	1	-	2	1	1	-	2
Congenital malformations	49	15	11	10	4	2	1	19	5	9
Injury at birth.	82	31	20	7	2	3	1	1	4	2
Postnatal asphyxia and atelectasis.	93	41	30	8	1	2	-	4	1	2
Hemolytic disease of newborn (erythroblastosis)	10	4	5	4	3	2	-	2	-	-
Immaturity	225	61	24	15	6	5	3	8	6	1
Other certain diseases of early infancy.	55	11	4	3	-	1	2	13	10	6
Accidents.	-	-	1	-	1	-	1	1	1	3
Other defined causes	5	2	1	3	1	1	1	3	2	-
Symptoms and ill-defined conditions	5	3	1	-	2	1	1	4	-	2

Deaths of Infants One to Eleven Months of Age

The infant deaths occurring at a month or more of age constituted only 29.3 per cent of all infant deaths. Table 20 shows the number dying at various ages in months. The decline in number of deaths from month to month was not so marked in 1950 as in 1949, when nearly one-fourth of the deaths in this group occurred at one month of age. In 1950, fewer than one-sixth occurred at this age.

The four leading causes of death in this group, as in 1949, were pneumonia, congenital malformations, gastro-enteritis and colitis, and accidents.

All infant whooping cough deaths occurred in this age range; however, in contrast to 1949, five whooping cough deaths occurred at higher ages.

Table 20

Deaths One to Eleven Months of Age, by Cause, by Age
Oklahoma, 1950

Cause of Death	Age in Months									
	1-11	1	2	3	4	5	6	7	8-9	10-11
Infant deaths, all causes. .	442	69	65	62	56	32	36	32	46	44
Syphilis and its sequelae. .	-	-	-	-	-	-	-	-	-	-
Whooping cough	15	3	1	2	-	-	2	2	1	4
Other infective and parasitic diseases	29	3	2	2	5	1	4	5	4	3
Pneumonia.	106	10	9	20	14	14	7	12	11	9
Other diseases of the respiratory system.	20	2	3	2	2	3	3	1	1	3
Gastro-enteritis and colitis	44	5	9	4	5	4	4	1	7	5
Other diseases of the digestive system.	12	2	1	2	2	-	-	1	1	3
Congenital malformations . .	67	13	12	11	11	4	5	2	4	5
Injury at birth.	5	2	1	-	1	1	-	-	-	-
Postnatal asphyxia and atelectasis.	2	2	-	-	-	-	-	-	-	-
Hemolytic disease of newborn (erythroblastosis)	-	-	-	-	-	-	-	-	-	-
Immaturity	13	8	3	1	-	-	-	-	1	-
Other certain diseases of early infancy.	18	8	1	4	2	-	1	1	-	1
Accidents.	41	5	7	11	8	3	1	1	3	2
Other defined causes	51	5	6	2	4	2	7	5	11	9
Symptoms and ill-defined conditions	19	1	10	1	2	-	2	1	2	-

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, 1930-1949

Figures in Parentheses Refer to Fifth Revision of International List of Causes of Death

	1930		1931		1932		1933		1934	
Estimated population, July 1	2,394,550		2,388,589		2,382,629		2,376,668		2,370,708	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live Births*	42,505	17.8	43,269	18.1	41,039	17.2	43,697	18.4	47,302	20.0
Stillbirths ✓	1,283	30.2	1,057	24.4	1,056	25.7	1,126	25.8	1,301	27.5
Total deaths, all causes*	19,646	8.2	18,802	7.9	19,285	8.1	20,309	8.5	21,373	9.0
Deaths under 1 year ✓	2,581	60.7	2,228	51.5	2,052	50.0	2,466	56.4	2,864	60.5
Deaths under 1 month ✓	1,381	32.5	1,234	28.5	1,132	27.6	1,291	29.5	1,528	32.3
Typhoid, paratyphoid fevers (1,2)	256	10.7	258	10.8	228	9.6	245	10.3	210	8.9
Undulant fever (5)	-	-	2	0.1	1	0.0	2	0.1	2	0.1
Meningococcus meningitis (6)	57	2.4	41	1.7	29	1.2	53	2.2	29	1.2
Scarlet fever (8)	42	1.8	55	2.3	48	2.0	23	1.0	26	1.1
Whooping cough (9)	149	6.2	77	3.2	100	4.2	82	3.5	185	7.8
Diphtheria (10)	216	9.0	293	12.3	321	13.5	261	11.0	148	6.2
Tetanus (12)	38	1.6	24	1.0	30	1.3	22	0.9	38	1.6
Tuberculosis, all forms (13-22)	1,305	54.5	1,315	55.1	1,164	48.9	1,210	50.9	1,162	49.0
Respiratory system (13)	1,172	48.9	1,182	49.5	1,053	44.2	1,125	47.3	1,067	45.0
Tularemia (26a)	-	-	-	-	-	-	-	-	-	-
Dysentery (27)	132	5.5	87	3.6	56	2.4	141	5.9	132	5.6
Malaria (28)	143	6.0	103	4.3	109	4.6	134	5.6	139	5.9
Syphilis (30)	219	9.1	210	8.8	218	9.1	219	9.2	252	10.6
Influenza (33)	444	18.5	653	27.3	1,109	46.5	905	38.1	548	23.1
Smallpox (34)	18	0.8	12	0.5	1	0.0	1	0.0	-	-
Measles (35)	123	5.1	32	1.3	12	0.5	68	2.9	382	16.1
Acute poliomyelitis and acute polioencephalitis (36)	40	1.7	19	0.8	20	0.8	28	1.2	20	0.8
Acute infectious encephalitis (37)	9	0.4	8	0.3	15	0.6	16	0.7	7	0.3
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)	93	3.9	97	4.1	101	4.2	91	3.8	83	3.5
Cancer (45-55)	1,197	50.0	1,250	52.3	1,365	57.3	1,505	63.3	1,569	66.2
Other tumors (56-57)	84	3.5	78	3.3	93	3.9	110	4.6	96	4.0
Acute rheumatic fever (58)	48	2.0	36	1.5	54	2.3	41	1.7	38	1.6
Diabetes mellitus (61)	214	8.9	241	10.1	285	12.0	262	11.0	299	12.6
Pellagra (69)	300	12.5	240	10.0	149	6.3	109	4.6	104	4.4
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	87	3.6	83	3.5	72	3.0	83	3.5	71	3.0
Diseases of the blood and blood forming organs (72-76)	123	5.1	136	5.7	142	6.0	148	6.2	145	6.1
Chronic poisoning and intoxication (77-79)	48	2.0	67	2.8	53	2.2	35	1.5	62	2.6
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,401	58.5	1,429	59.8	1,562	65.6	1,650	69.4	1,674	70.6
Other diseases of nervous system and sense organs (80-82, 84-89)	384	16.0	340	14.2	334	14.0	352	14.8	393	16.6
Diseases of the heart (90-95)	2,234	93.3	2,370	99.2	2,507	105.2	2,821	118.7	2,791	117.7
Diseases of the arteries (96-99)	218	9.1	179	7.5	244	10.2	284	11.9	312	13.2
Other diseases of the circulatory system (100-103)	27	1.1	42	1.8	39	1.6	44	1.9	48	2.0
Pneumonia, all forms (107-109)	1,566	65.4	1,650	69.1	1,563	65.6	1,712	72.0	1,899	80.1
Other diseases of the respiratory system (104-106, 110-114)	225	9.4	220	9.2	186	7.8	226	9.5	240	10.1
Diarrhea & enteritis under 2 yrs. (119)	455	19.0	286	12.0	262	11.0	415	17.5	455	19.2
Diarrhea & enteritis over 2 yrs. (120)	190	7.9	118	4.9	120	5.0	127	5.3	137	5.8
Appendicitis (121)	370	15.5	376	15.7	396	16.6	403	17.0	428	18.1
Hernia, intestinal obstruction (122)	168	7.0	223	9.3	213	8.9	219	9.2	218	9.2
Cirrhosis of the liver (124)	103	4.3	97	4.1	92	3.9	107	4.5	106	4.5
Other diseases of the digestive system (115-118, 123, 125-129)	583	24.3	570	23.9	533	22.4	566	23.8	590	24.9
Nephritis (130-132)	1,211	50.6	1,095	45.8	1,165	48.9	1,104	46.5	1,224	51.6
Other diseases of the genito-urinary system (133-139)	209	8.7	235	9.8	208	8.7	230	9.7	369	15.6
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✓	292	6.9	269	6.2	296	7.2	284	6.5	282	6.0
Septicemia (140, 142a, 147) ✓	134	3.2	128	3.0	148	3.6	145	3.3	126	2.7
Congenital malformations, diseases peculiar to first year of life (157-161)	1,190	49.7	1,027	43.0	1,002	42.1	1,073	45.1	1,351	57.0
Senility (162)	570	23.8	442	18.5	465	19.5	442	18.6	449	18.9
Suicide (163-164)	232	9.7	265	11.1	276	11.6	241	10.1	224	9.4
Homicide (165-168)	264	11.0	268	11.2	261	11.0	308	13.0	300	12.7
Motor vehicle accidents (170)	512	21.4	442	18.5	464	19.5	512	21.5	614	25.9
Other accidents (169, 171-195)	1,166	48.7	913	38.2	942	39.5	925	38.9	1,005	42.4
Other defined causes (59, 151-156, 196-198)	72	3.0	87	3.6	88	3.7	99	4.2	91	3.8
Ill defined and unknown (199, 200)	619	25.9	442	18.5	292	12.3	371	15.6	426	18.0

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.
Source: 1930 through 1936 - Vital Statistics of the United States, Bureau of the Census annual publications, by place of occurrence;
1937 through 1949 - Oklahoma State Department of Health records, by place of residence.

TABLE A. BIRTHS, DEATHS AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1930-1949 - Continued

Figures in Parentheses Refer to Fifth Revision of International List of Causes of Death

	1935		1936		1937		1938		1939	
Estimated population, July 1	2,364,747		2,358,786		2,352,826		2,346,865		2,340,905	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live Births*	43,691	18.5	41,815	17.7	41,223	17.5	44,190	18.8	42,760	18.3
Stillbirths ✓	1,269	29.0	1,182	28.3	1,170	28.4	1,215	27.5	1,277	29.9
Total deaths, all causes*	21,091	8.9	23,250	9.9	21,399	9.1	20,422	8.7	20,657	8.8
Deaths under 1 year ✓	2,384	54.6	2,509	60.0	2,354	57.1	2,202	49.8	2,187	51.1
Deaths under 1 month ✓	1,277	29.2	1,368	32.7	1,329	32.2	1,285	29.1	1,377	32.2
Typhoid, paratyphoid fevers (1,2)	187	7.9	131	5.6	129	5.5	100	4.3	93	4.0
Undulant fever (5)	1	0.0	1	0.0	3	0.1	5	0.2	7	0.3
Meningococcus meningitis (6)	67	2.8	94	4.0	52	2.2	15	0.6	12	0.5
Scarlet fever (8)	22	0.9	44	1.9	33	1.4	19	0.8	16	0.7
Whooping cough (9)	155	6.6	41	1.7	84	3.6	189	8.1	23	1.0
Diphtheria (10)	143	6.0	89	3.8	85	3.6	119	5.1	76	3.2
Tetanus (12)	25	1.1	28	1.2	13	0.6	4	0.2	6	0.3
Tuberculosis, all forms (13-22)	1,156	48.9	1,293	54.8	1,241	52.7	1,125	47.9	1,073	45.8
Respiratory system (13)	1,053	44.5	1,195	50.7	1,145	48.7	1,038	44.2	-	-
Tularemia (26a)	——	——	——	——	——	——	——	——	-	-
Dysentery (27)	92	3.9	148	6.3	65	2.8	27	1.2	94	4.0
Malaria (28)	139	5.9	94	4.0	87	3.7	84	3.6	48	2.1
Syphilis (30)	257	10.9	286	12.1	260	11.1	297	12.7	270	11.5
Influenza (33)	774	32.7	1,165	49.4	985	41.9	434	18.5	512	21.9
Smallpox (34)	-	-	-	-	1	0.0	7	0.3	1	0.0
Measles (35)	44	1.9	14	0.6	19	0.8	59	2.5	76	3.2
Acute poliomyelitis and acute polioencephalitis (36)	10	0.4	36	1.5	75	3.2	18	0.8	11	0.5
Acute infectious encephalitis (37)	8	0.3	18	0.8	4	0.2	8	0.3	14	0.6
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)	106	4.5	99	4.2	93	4.0	92	3.9	104	4.4
Cancer (45-55)	1,517	64.2	1,709	72.5	1,846	78.5	1,816	77.4	1,863	79.6
Other tumors (56-57)	106	4.5	99	4.2	78	3.3	88	3.7	132	5.6
Acute rheumatic fever (58)	24	1.0	24	1.0	7	0.3	10	0.4	19	0.8
Diabetes mellitus (61)	308	13.0	368	15.6	320	13.6	337	14.4	337	14.4
Pellagra (69)	128	5.4	175	7.4	106	4.5	110	4.7	95	4.1
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	98	4.1	116	4.9	55	2.3	59	2.5	72	3.1
Diseases of the blood and blood forming organs (72-76)	134	5.7	147	6.2	149	6.3	164	7.0	158	6.7
Chronic poisoning and intoxication (77-79)	48	2.0	52	2.2	54	2.3	32	1.4	37	1.6
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,708	72.2	1,782	75.5	1,656	70.4	1,722	73.4	1,968	84.1
Other diseases of nervous system and sense organs (80-82, 84-89)	415	17.5	369	15.6	335	14.2	302	12.9	292	12.5
Diseases of the heart (90-95)	3,121	132.0	3,462	146.8	3,313	140.8	3,425	145.9	3,529	150.8
Diseases of the arteries (96-99)	261	11.0	339	14.4	302	12.8	317	13.5	396	16.9
Other diseases of the circulatory system (100-103)	50	2.1	52	2.2	34	1.4	30	1.3	50	2.1
Pneumonia, all forms (107-109)	1,991	84.2	2,313	98.0	1,804	76.7	1,488	63.4	1,387	59.3
Other diseases of the respiratory system (104-106, 110-114)	240	10.1	247	10.5	218	9.3	225	9.6	234	10.0
Diarrhea & enteritis under 2 yrs. (119)	329	13.9	387	16.4	337	14.3	246	10.5	221	9.4
Diarrhea & enteritis over 2 yrs. (120)	112	4.7	151	6.4	146	6.2	141	6.0	133	5.7
Appendicitis (121)	353	14.9	374	15.9	323	13.7	290	12.4	357	15.3
Hernia, intestinal obstruction (122)	213	9.0	224	9.5	222	9.4	205	8.7	216	9.2
Cirrhosis of the liver (124)	110	4.7	115	4.9	98	4.2	95	4.0	104	4.4
Other diseases of the digestive system (115-118, 123, 125-129)	562	23.8	536	22.7	517	22.0	504	21.5	603	25.8
Nephritis (130-132)	1,319	55.8	1,467	62.2	1,579	67.1	1,479	63.0	1,268	54.2
Other diseases of the genito-urinary system (133-139)	312	13.2	371	15.7	236	10.0	215	9.2	271	11.6
Diseases of pregnancy, childbirth, and the puerperium (140-150) ✓	256	5.9	259	6.2	200	4.9	176	4.0	183	4.3
Septicemia (140, 142a, 147) ✓	135	3.0	101	2.4	64	1.6	59	1.3	63	1.5
Congenital malformations, diseases peculiar to first year of life (157-161)	1,085	45.9	1,182	50.1	1,204	51.2	1,164	49.6	1,225	52.3
Senility (162)	419	17.7	440	18.7	384	16.3	359	15.3	400	17.1
Suicide (163-164)	251	10.6	235	10.0	266	11.3	264	11.2	221	9.4
Homicide (165-168)	221	9.3	219	9.3	167	7.1	173	7.4	170	7.3
Motor vehicle accidents (170)	684	28.9	657	27.9	633	26.9	589	25.1	519	22.2
Other accidents (169, 171-195)	1,040	44.0	1,267	53.7	940	40.0	1,030	43.9	982	41.9
Other defined causes (59, 151-156, 196-198)	110	4.7	110	4.7	78	3.3	95	4.0	109	4.7
Ill defined and unknown (199, 200)	380	16.1	421	17.8	563	23.9	670	28.5	670	28.6

TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1930-1949

Figures in Parentheses Refer to Fifth Revision of International List of Causes of Death

	1940		1941		1942		1943		1944	
Estimated population, July 1	2,315,995		2,323,549		2,313,241		2,302,933		2,292,625	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live Births*	44,258	19.1	45,313	19.5	45,277	19.6	47,800	20.8	46,885	20.5
Physician in hospital	17,740	...	20,999	...	24,812	...	29,180	...	31,580	...
Physician in home	25,216	...	22,677	...	18,985	...	17,064	...	13,510	...
Midwife, other, or unknown	1,302	...	1,637	...	1,480	...	1,556	...	1,795	...
Stillbirths †	1,298	29.3	1,252	27.6	911	20.1	928	19.4	964	20.6
Physician in hospital	583	...	553	...	511	...	575	...	631	...
Physician in home	661	...	648	...	383	...	311	...	313	...
Midwife, other or unknown	54	...	51	...	17	...	42	...	20	...
Total deaths, all causes*	20,618	8.9	20,097	8.6	18,985	8.2	19,765	8.6	18,438	8.0
Deaths under 1 year †	2,236	50.4	2,181	48.1	1,901	42.0	2,071	43.3	1,874	40.0
Deaths under 1 month †	1,319	29.8	1,377	30.4	1,156	25.5	1,273	26.6	1,131	24.1
Typhoid, paratyphoid fevers (1,2)	56	2.4	35	1.5	38	1.6	23	1.0	9	0.4
Undulant fever (5)	-	-	1	0.0	5	0.2	5	0.2	2	0.1
Meningococcus meningitis (6)	12	0.5	9	0.4	10	0.4	30	1.3	16	0.7
Scarlet fever (8)	7	0.3	5	0.2	3	0.1	5	0.2	4	0.2
Whooping cough (9)	57	2.5	122	5.3	48	2.1	86	3.7	41	1.8
Diphtheria (10)	73	3.2	67	2.9	54	2.3	25	1.1	33	1.4
Tetanus (12)	26	1.1	12	0.5	9	0.4	17	0.7	10	0.4
Tuberculosis, all forms (13-22)	1,125	48.6	1,063	45.7	973	42.1	929	40.3	892	38.9
Respiratory system (13)	1,031	44.5	972	41.8	907	39.2	856	37.2	828	36.1
Tularemia (26a)	5	0.2	3	0.1	4	0.2	2	0.1	1	0.0
Dysentery (27)	73	3.2	58	2.5	81	3.5	54	2.3	59	2.6
Malaria (28)	22	0.9	53	2.3	21	0.9	30	1.3	20	0.9
Syphilis (30)	265	11.4	225	9.7	172	7.4	211	9.2	182	7.9
Influenza (33)	589	25.4	541	23.3	237	10.2	296	12.9	353	15.4
Smallpox (34)	-	-	-	-	-	-	-	-	-	-
Measles (35)	3	0.1	20	0.9	89	3.8	4	0.2	34	1.5
Acute poliomyelitis and acute polioencephalitis (36)	20	0.9	15	0.6	15	0.6	33	1.4	6	0.3
Acute infectious encephalitis (37)	12	0.5	11	0.5	8	0.3	8	0.3	7	0.3
Rocky Mountain spotted fever (39c)	2	0.1	3	0.1	2	0.1	2	0.1	2	0.1
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a,39b,39d, 40-44)	92	4.0	84	3.6	64	2.8	77	3.3	57	2.5
Cancer (45-55)	1,962	84.7	1,960	84.4	1,967	85.0	1,958	85.0	2,054	89.6
Other tumors (56-57)	97	4.2	120	5.2	117	5.1	108	4.7	124	5.4
Acute rheumatic fever (58)	39	1.7	26	1.1	22	1.0	25	1.1	23	1.0
Diabetes mellitus (61)	331	14.3	342	14.7	334	14.4	382	16.6	327	14.3
Pellagra (69)	52	2.2	58	2.5	59	2.6	48	2.1	49	2.1
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	70	3.0	61	2.6	74	3.2	77	3.3	80	3.5
Diseases of the blood and blood forming organs (72-76)	122	5.3	150	6.5	141	6.1	165	7.2	134	5.8
Chronic poisoning and intoxication (77-79)	40	1.7	38	1.6	24	1.0	24	1.0	31	1.4
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,892	81.7	1,814	78.1	1,922	83.1	2,041	88.6	1,856	81.0
Other diseases of nervous system and sense organs (80-82, 84-89)	375	16.2	290	12.5	276	11.9	258	11.2	264	11.5
Diseases of the heart (90-95)	3,860	166.6	4,235	182.3	4,137	178.8	4,372	189.8	4,255	185.6
Diseases of the arteries (96-99)	311	13.4	277	11.9	306	13.2	357	15.5	319	13.9
Other diseases of the circulatory system (100-103)	56	2.4	37	1.6	38	1.6	63	2.7	62	2.7
Pneumonia, all forms (107-109)	1,358	58.6	1,134	48.8	980	42.4	999	43.4	921	40.2
Other diseases of the respiratory system (104-106, 110-114)	209	9.0	199	8.6	212	9.2	226	9.8	247	10.8
Diarrhea & enteritis under 2 yrs. (119)	231	10.0	109	4.7	127	5.5	143	6.2	161	7.0
Diarrhea & enteritis over 2 yrs. (120)	112	4.8	66	2.8	52	2.2	77	3.3	64	2.8
Appendicitis (121)	302	13.0	257	11.1	182	7.9	164	7.1	156	6.8
Hernia, intestinal obstruction (122)	223	9.6	186	8.0	173	7.5	178	7.7	180	7.9
Cirrhosis of the liver (124)	119	5.1	96	4.1	103	4.5	115	5.0	85	3.7
Other diseases of the digestive system (115-118, 123, 125-129)	446	19.3	410	17.6	425	18.4	408	17.7	444	19.4
Nephritis (130-132)	1,467	63.3	1,316	56.6	1,161	50.2	1,258	54.6	1,148	50.1
Other diseases of the genito-urinary system (133-139)	265	11.4	259	11.1	245	10.6	229	9.9	246	10.7
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	162	3.7	134	3.0	145	3.2	109	2.3	112	2.4
Septicemia (140,142a,145a**,147) †	56	1.3	26	0.6	25	0.6	15	0.3	35	0.7
Congenital malformations, diseases peculiar to first year of life (157-161)	1,277	55.1	1,360	58.5	1,093	47.2	1,250	54.3	1,155	50.4
Senility (162)	488	21.1	450	19.4	556	24.0	612	26.6	495	21.6
Suicide (163-164)	197	8.5	207	8.9	168	7.3	151	6.6	149	6.5
Homicide (165-168)	147	6.3	135	5.8	127	5.5	99	4.3	91	4.0
Motor vehicle accidents (170)	474	20.5	511	22.0	343	14.8	294	12.8	330	14.4
Other accidents (169,171-195)	869	37.6	942	40.5	1,110	48.0	1,117	48.5	1,040	45.4
Other defined causes (59, 151-156, 196-198)	50	2.1	69	3.0	69	3.0	84	3.6	81	3.5
Ill defined and unknown (199, 200)	576	24.9	522	22.5	464	20.1	537	23.3	27	1.2

** 145a not included until 1945

TABLE A. BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, OKLAHOMA, 1930-1949 - Continued

Figures in Parentheses Refer to Fifth Revision of International List of Causes of Death

	1945		1946		1947		1948		1949	
Estimated population, July 1	2,282,317		2,272,009		2,261,701		2,251,393		2,241,085	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live Births*	43,405	19.0	50,043	22.0	52,691	23.3	50,428	22.4	49,971	22.3
Physician in hospital	31,194	...	38,786	...	41,424	...	40,545	...	41,078	...
Physician in home	10,729	...	9,752	...	9,832	...	8,426	...	7,507	...
Midwife, other, or unknown	1,482	...	1,505	...	1,435	...	1,457	...	1,386	...
Stillbirths †	1,097	25.3	1,093	21.8	1,043	19.8	914	18.1	860	17.2
Physician in hospital	730	...	789	...	756	...	702	...	655	...
Physician in home	339	...	273	...	254	...	179	...	167	...
Midwife, other or unknown	28	...	31	...	33	...	33	...	38	...
Total deaths, all causes*	18,731	8.2	18,420	8.1	19,101	8.4	19,074	8.5	19,346	8.6
Deaths under 1 year †	1,727	39.8	1,641	32.8	1,716	32.6	1,721	34.1	1,529	30.6
Deaths under 1 month †	1,100	25.3	1,135	22.7	1,190	22.6	1,184	23.5	1,090	21.8
Typhoid, paratyphoid fevers (1,2)	12	0.5	7	0.3	9	0.4	6	0.3	4	0.2
Undulant fever (5)	1	0.0	-	-	1	0.0	1	0.0	2	0.1
Meningococcus meningitis (6)	25	1.1	14	0.6	10	0.4	10	0.4	10	0.4
Scarlet fever (8)	7	0.3	6	0.3	-	-	-	-	1	0.0
Whooping cough (9)	47	2.1	25	1.1	41	1.8	46	2.0	8	0.4
Diphtheria (10)	51	2.2	26	1.1	15	0.7	16	0.7	7	0.3
Tetanus (12)	9	0.4	7	0.3	8	0.4	7	0.3	7	0.3
Tuberculosis, all forms (13-22)	823	36.1	704	31.0	707	31.3	622	27.6	549	24.5
Respiratory system (13)	770	33.7	653	28.7	664	29.4	581	25.8	509	22.7
Tularemia (26a)	4	0.2	2	0.1	1	0.0	3	0.1	1	0.0
Dysentery (27)	53	2.3	9	0.4	18	0.8	28	1.2	28	1.2
Malaria (28)	19	0.8	11	0.5	1	0.0	6	0.3	4	0.2
Syphilis (30)	173	7.6	192	8.5	176	7.8	162	7.2	142	6.3
Influenza (33)	225	9.9	190	8.4	202	8.9	119	5.3	76	3.4
Smallpox (34)	-	-	-	-	-	-	-	-	-	-
Measles (35)	4	0.2	31	1.4	-	-	7	0.3	31	1.4
Acute poliomyelitis and acute polioencephalitis (36)	13	0.6	34	1.5	2	0.1	35	1.6	109	4.9
Acute infectious encephalitis (37)	4	0.2	10	0.4	7	0.3	6	0.3	6	0.3
Rocky Mountain spotted fever (39c)	9	0.4	5	0.2	2	0.1	1	0.0	2	0.1
Other infectious and parasitic diseases (3,4,7,11,23-25, 26b, 29, 31-32, 38, 39a, 39b, 39d, 40-44)	60	2.6	68	3.0	62	2.7	52	2.3	52	2.3
Cancer (45-55)	2,212	96.9	2,224	97.9	2,354	104.1	2,490	110.6	2,519	112.4
Other tumors (56-57)	122	5.3	94	4.1	89	3.9	116	5.2	101	4.5
Acute rheumatic fever (58)	17	0.7	15	0.7	8	0.4	9	0.4	15	0.7
Diabetes mellitus (61)	356	15.6	344	15.1	353	15.6	393	17.5	443	19.8
Pellagra (69)	29	1.3	26	1.1	25	1.1	38	1.7	25	1.1
Other diseases of nutrition, endocrine glands, and avitaminoses (60, 62-68, 70-71)	79	3.5	62	2.7	66	2.9	54	2.4	59	2.6
Diseases of the blood and blood forming organs (72-76)	171	7.5	159	7.0	179	7.9	187	8.3	173	7.7
Chronic poisoning and intoxication (77-79)	16	0.7	25	1.1	22	1.0	23	1.0	24	1.1
Cerebral hemorrhage, embolism, thrombosis, softening (83)	1,911	83.7	1,991	87.6	2,018	89.2	2,014	89.5	2,100	93.7
Other diseases of nervous system and sense organs (80-82, 84-89)	234	10.3	272	12.0	254	11.2	216	9.6	226	10.1
Diseases of the heart (90-95)	4,287	187.8	4,521	199.0	4,960	219.3	5,189	230.5	5,396	240.8
Diseases of the arteries (96-99)	328	14.4	331	14.6	357	15.8	345	15.3	418	18.7
Other diseases of the circulatory system (100-103)	84	3.7	76	3.3	91	4.0	77	3.4	80	3.6
Pneumonia, all forms (107-109)	866	37.9	768	33.8	788	34.8	725	32.2	645	28.8
Other diseases of the respiratory system (104-106, 110-114)	248	10.9	245	10.8	257	11.4	217	9.6	224	10.0
Diarrhea & enteritis under 2 yrs. (119)	113	5.0	61	2.7	57	2.5	90	4.0	73	3.3
Diarrhea & enteritis over 2 yrs. (120)	41	1.8	38	1.7	36	1.6	29	1.3	34	1.5
Appendicitis (121)	135	5.9	94	4.1	89	3.9	85	3.8	85	3.8
Hernia, intestinal obstruction (122)	196	8.6	161	7.1	151	6.7	136	6.0	151	6.7
Cirrhosis of the liver (124)	101	4.4	132	5.8	113	5.0	154	6.8	142	6.3
Other diseases of the digestive system (115-118, 123, 125-129)	364	15.9	362	15.9	375	16.6	308	13.7	352	15.7
Nephritis (130-132)	1,114	48.8	1,019	44.9	1,011	44.7	1,034	45.9	1,067	47.6
Other diseases of the genito-urinary system (133-139)	214	9.4	214	9.4	207	9.2	200	8.9	201	9.0
Diseases of pregnancy, childbirth, and the puerperium (140-150) †	99	2.3	84	1.7	88	1.7	62	1.2	71	1.4
Septicemia (140,142a,145a**,147) †	36	0.8	19	0.4	37	0.7	9	0.2	20	0.4
Congenital malformations, diseases peculiar to first year of life (157-161)	1,055	46.2	1,161	51.1	1,166	51.6	1,196	53.1	1,110	49.5
Senility (162)	491	21.5	402	17.7	414	18.3	346	15.4	287	12.8
Suicide (163-164)	154	6.7	163	7.2	143	6.3	177	7.9	180	8.0
Homicide (165-168)	133	5.8	126	5.5	148	6.5	124	5.5	127	5.7
Motor vehicle accidents (170)	429	18.8	531	23.4	527	23.3	540	24.0	550	24.5
Other accidents (169, 171-195)	1,112	48.7	966	42.5	1,064	47.0	940	41.8	1,007	44.9
Other defined causes (59, 151-156, 196-198)	81	3.5	54	2.4	62	2.7	59	2.6	74	3.3
Ill defined and unknown (199, 200)	400	17.5	358	15.8	367	16.2	374	16.6	348	15.5

** 145a not included until 1945.

TABLE B. HISTORICAL SUMMARY OF CERTAIN CAUSES OF DEATH, ADJUSTED BY 1949 COMPARABILITY RATIO*, NUMBER AND RATE, OKLAHOMA, 1940-1949

Cause of Death	International List Numbers		Comparability Ratio*	Adjusted Deaths									
	5th Revision	6th Revision		1940		1941		1942		1943		1944	
				Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Tuberculosis, all forms.	(13-22)	(001-019)	0.9617	1,082	46.4	1,023	44.0	936	40.5	894	38.8	858	37.4
Tuberculosis, respiratory system	(13)	(001-008)	0.9627	993	42.5	936	40.3	873	37.7	824	35.8	797	34.8
Syphilis	(30)	(020-029)	0.8521	225	9.6	191	8.2	146	6.3	179	7.8	155	6.8
Influenza.	(33)	(480-483)	1.2105	713	30.6	655	28.2	287	12.4	358	15.5	427	18.6
Cancer	(45-55)	(140-205)	1.0155/	1,992	85.4	1,953	84.1	1,997	86.3	1,988	86.3	2,086	91.0
Acute rheumatic fever.	(58)	(400-402)	1.4667	57	2.4	38	1.6	32	1.4	37	1.6	34	1.5
Diabetes mellitus.	(61)	(260)	0.6727	223	9.6	230	9.9	225	9.7	257	11.2	220	9.6
Cerebral hemorrhage, embolism, thrombosis, softening, etc.. .	(83)	(330-334)	1.0462	1,979	84.8	1,897	81.6	2,010	86.9	2,135	92.7	1,941	84.7
Diseases of the heart.	(90-95)	(410-443)	1.0852	4,188	179.4	4,596	197.8	4,489	194.1	4,744	206.0	4,618	201.4
Pneumonia, all forms	(107-109)	(490-493)	0.8682	1,179	50.5	984	42.3	851	36.8	867	37.6	799	34.9
Appendicitis	(121)	(550-553)	0.9294	281	12.0	239	10.3	169	7.3	152	6.6	145	6.3
Cirrhosis of the liver	(124)	(581)	0.8099	96	4.1	78	3.4	83	3.6	93	4.0	69	3.0
Nephritis.	(130-132)	(590-594)	0.4630	679	29.1	609	26.2	538	23.3	582	25.3	532	23.2
Congenital malformations, diseases peculiar to first year of life	(157-161)	(750-776)	1.0261	1,310	56.1	1,395	60.0	1,121	48.5	1,283	55.7	1,185	51.7
Accidents.	(169-195)	(E800-E962)	0.9480	1,274	54.6	1,377	59.3	1,377	59.5	1,338	58.1	1,299	56.7

Cause of Death	International List Numbers		Comparability Ratio*	Adjusted Deaths									
	5th Revision	6th Revision		1945		1946		1947		1948		1949	
				Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Tuberculosis, all forms.	(13-22)	(001-019)	0.9617	792	34.7	677	29.8	680	30.1	598	26.6	528	23.6
Tuberculosis, respiratory system	(13)	(001-008)	0.9627	741	32.5	629	27.7	639	28.3	559	24.8	490	21.9
Syphilis	(30)	(020-029)	0.8521	147	6.4	163	7.2	150	6.6	138	6.1	121	5.4
Influenza.	(33)	(480-483)	1.2105	272	11.9	230	10.1	244	10.8	144	6.4	92	4.1
Cancer	(45-55)	(140-205)	1.0155/	2,246	98.4	2,258	99.4	2,390	105.7	2,529	112.3	2,558	114.1
Acute rheumatic fever.	(50)	(400-402)	1.4667	25	1.1	22	1.0	12	0.5	13	0.6	22	1.0
Diabetes mellitus.	(61)	(260)	0.6727	239	10.5	231	10.2	237	10.5	264	11.7	298	13.3
Cerebral hemorrhage, embolism, thrombosis, softening, etc.. .	(83)	(330-334)	1.0462	1,999	87.6	2,083	91.7	2,111	93.3	2,107	93.6	2,197	98.0
Diseases of the heart.	(90-95)	(410-443)	1.0852	4,652	203.8	4,906	215.9	5,383	238.0	5,631	250.1	5,856	261.3
Pneumonia, all forms	(107-109)	(490-493)	0.8682	752	32.9	667	29.4	684	30.2	629	27.9	560	25.0
Appendicitis	(121)	(550-553)	0.9294	125	5.5	87	3.8	83	3.7	79	3.5	79	3.5
Cirrhosis of the liver	(124)	(581)	0.8099	82	3.6	107	4.7	92	4.1	125	5.6	115	5.1
Nephritis.	(130-132)	(590-594)	0.4630	516	22.6	472	20.8	468	20.7	479	21.3	494	22.0
Congenital malformations, diseases peculiar to first year of life	(157-161)	(750-776)	1.0261	1,082	47.4	1,191	52.4	1,196	52.9	1,227	54.5	1,139	50.8
Accidents.	(169-195)	(E800-E962)	0.9480	1,461	64.0	1,419	62.5	1,508	66.7	1,403	62.3	1,476	65.9

* Ratio of 1949 deaths classified by sixth revision to 1949 deaths classified by fifth revision of International List.

/ Ratio of 1949 deaths classified by sixth revision (including leukemia) to 1949 deaths classified by fifth revision (excluding leukemia).

TABLE C. RECORDED* BIRTHS, STILLBIRTHS, DEATHS, INFANT AND NEONATAL DEATHS, NUMBER AND RATE, BY COUNTY, OKLAHOMA, 1950

COUNTY	BIRTHS		STILLBIRTHS		DEATHS		NEONATAL DEATHS		INFANT DEATHS	
	Number	Rate**	Number	Rate†	Number	Rate**	Number	Rate†	Number	Rate†
ENTIRE STATE	50,006	22.4	848	17.0	18,959	8.5	1,043	20.9	1,478	29.6
Adair	175	11.7	4	22.9	112	7.5	4	22.9	7	40.0
Alfalfa	149	13.9	2	13.4	78	7.3	5	33.6	7	47.0
Atoka	291	20.4	5	17.2	117	8.2	3	10.3	5	17.2
Beaver	152	20.5	1	6.6	54	7.3	1	6.6	1	6.6
Beckham	682	31.5	15	22.0	184	8.5	13	19.1	18	26.4
Blaine	302	20.1	3	9.9	101	6.7	4	13.2	6	19.9
Bryan	589	20.3	10	17.0	229	7.9	14	23.8	18	30.6
Caddo	682	19.5	11	16.1	289	6.8	14	20.5	21	30.8
Canadian	321	12.5	8	24.9	166	6.5	9	28.0	13	40.5
Carter	812	22.3	20	24.6	330	9.1	21	25.9	29	35.7
Cherokee	640	33.7	9	14.1	161	8.5	16	25.0	22	34.4
Choctaw	466	22.8	11	23.6	186	9.1	12	25.8	14	30.0
Cimarron	31	6.8	1	32.3	18	3.9	-	-	1	32.3
Cleveland	722	17.4	8	11.1	419	10.1	8	11.1	14	19.4
Coal	73	9.1	-	-	61	7.6	-	-	1	13.7
Comanche	1,814	32.9	36	19.8	349	6.3	54	29.8	73	40.2
Cotton	147	14.4	4	27.2	70	6.9	2	13.6	3	20.4
Craig	333	18.2	8	24.0	326	17.9	9	27.0	16	48.0
Creek	583	13.5	12	20.6	300	7.0	8	13.7	15	25.7
Custer	687	32.6	7	10.2	308	14.6	13	18.9	19	27.7
Delaware	91	6.2	4	44.0	95	6.4	-	-	-	-
Dewey	33	3.8	-	-	36	4.1	1	30.3	2	60.6
Ellis	153	20.9	4	26.1	78	10.6	4	26.1	5	32.7
Garfield	1,772	33.5	19	10.7	537	10.2	37	20.9	45	25.4
Garvin	739	25.1	7	9.5	218	7.4	11	14.9	17	23.0
Grady	690	19.8	10	14.5	238	6.8	11	15.9	17	24.6
Grant	-	-	-	-	60	5.7	-	-	-	-
Greer	231	19.7	5	21.6	97	8.3	6	26.0	6	26.0
Harmon	95	11.8	5	52.6	57	7.1	2	21.1	5	52.6
Harper	28	4.7	-	-	23	3.8	-	-	-	-
Haskell	224	16.8	4	17.9	80	6.0	4	17.9	6	26.8
Hughes	449	21.7	7	15.6	196	9.5	9	20.0	16	35.6
Jackson	522	26.0	5	9.6	153	7.6	5	9.6	8	15.3
Jefferson	153	13.8	4	26.1	76	6.8	3	19.6	4	26.1
Johnston	88	8.3	1	11.4	71	6.7	3	34.1	3	34.1
Kay	1,152	23.6	22	19.1	421	8.6	21	18.2	29	25.2
Kingfisher	234	18.2	5	21.4	115	8.9	3	12.8	3	12.8
Kiowa	353	18.7	4	11.3	151	8.0	6	17.0	10	28.3
Latimer	380	39.2	8	21.1	135	13.9	5	13.2	13	34.2
LeFlore	607	17.2	14	23.1	265	7.5	14	23.1	17	28.0
Lincoln	386	17.5	-	-	168	7.6	10	25.9	12	31.1
Logan	422	19.0	5	11.8	269	12.1	11	26.1	13	30.8
Love	74	9.6	-	-	30	3.9	-	-	-	-
McClain	274	18.7	5	18.2	95	6.5	3	10.9	6	21.9
McCurtain	508	16.1	11	21.7	216	6.8	14	27.6	18	35.4
McIntosh	383	21.5	7	18.3	123	6.9	8	20.9	14	36.6
Major	118	11.5	2	16.9	46	4.5	1	8.5	2	16.9
Marshall	171	20.9	6	35.1	82	10.0	2	11.7	5	29.2
Mayes	284	14.4	5	17.6	158	8.0	4	14.1	9	31.7
Murray	192	17.8	-	-	139	12.9	3	15.6	4	20.8
Muskogee	1,448	22.1	39	26.9	856	13.1	35	24.2	49	33.8
Noble	76	6.3	-	-	62	5.1	-	-	1	13.2
Nowata	255	20.0	-	-	130	10.2	3	11.8	5	19.6
Okfuskee	313	18.5	7	22.4	126	7.4	4	12.8	12	38.3
Oklahoma	9,109	28.0	133	14.6	3,020	9.3	201	22.1	286	31.4
Okmulgee	1,090	24.5	26	23.9	436	9.8	34	31.2	46	42.2
Osage	519	15.7	10	19.3	212	6.4	10	19.3	12	23.1
Ottawa	716	22.2	9	12.6	306	9.5	4	5.6	14	19.6
Pawnee	284	20.9	3	10.6	146	10.7	10	35.2	16	56.3
Payne	1,297	27.9	18	13.9	322	6.9	23	17.7	25	19.3
Pittsburg	879	21.4	17	19.3	358	8.7	12	13.7	15	17.1
Pontotoc	760	24.6	13	17.1	277	9.0	16	21.1	22	28.9
Pottawatomie	909	20.9	16	17.6	390	9.0	13	14.3	16	17.6
Pushmataha	207	17.2	4	19.3	74	6.2	1	4.8	3	14.5
Roger Mills	57	7.7	1	17.5	36	4.9	-	-	1	17.5
Rogers	498	25.5	13	26.1	199	10.2	12	24.1	19	38.2
Seminole	638	15.7	17	26.6	239	5.9	21	32.9	28	43.9
Sequoyah	365	18.5	6	16.4	115	5.8	7	19.2	9	24.7
Stephens	923	27.1	18	19.5	258	7.6	21	22.8	28	30.3
Texas	336	23.6	1	3.0	79	5.5	7	20.8	8	23.8
Tillman	282	16.0	9	31.9	135	7.7	8	28.4	13	46.1
Tulsa	6,565	26.1	110	16.8	2,063	8.2	146	22.2	198	30.2
Wagoner	341	20.4	6	17.6	102	6.1	3	8.8	6	17.6
Washington	751	22.8	12	16.0	295	9.0	17	22.6	27	36.0
Washita	214	12.1	3	14.0	105	5.9	4	18.7	4	18.7
Woods	328	22.6	6	18.3	143	9.8	8	24.4	8	24.4
Woodward	389	27.0	7	18.0	239	16.6	12	30.8	15	38.6

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

TABLE I. RESIDENT DEATHS BY INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES
NUMBER AND RATE, BY RACE, OKLAHOMA, 1950

	Total		White		Negro		Indian	
Census enumeration (prelim.), April 1, 1950	2,233,351		2,034,079		145,503		53,769	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total deaths, all causes*	19,431	8.7	17,140	8.4	1,736	11.9	555	10.3
Tuberculosis of respiratory system (001-008)	467	20.9	354	17.4	57	39.2	56	104.1
Tuberculosis of meninges and central nervous system (010)	12	0.5	9	0.4	1	0.7	2	3.7
Tuberculosis of intestines, peritoneum and mesenteric glands (011)	4	0.2	2	0.1	2	1.4	-	-
Tuberculosis of bones and joints (012, 013)	4	0.2	4	0.2	-	-	-	-
Tuberculosis, all other forms (014-019)	13	0.6	10	0.5	2	1.4	1	1.9
Congenital syphilis (020)	4	0.2	2	0.1	1	0.7	1	1.9
Early syphilis (021)	-	-	-	-	-	-	-	-
Tabes dorsalis (024)	-	-	-	-	-	-	-	-
General paralysis of insane (025)	17	0.8	15	0.7	1	0.7	1	1.9
All other syphilis (022, 023, 026-029)	87	3.9	62	3.0	23	15.8	2	3.7
Gonococcal infection (030-035)	1	0.0	-	-	1	0.7	-	-
Typhoid fever (040)	1	0.0	-	-	1	0.7	-	-
Paratyphoid fever and other Salmonella infections (041, 042)	1	0.0	1	0.0	-	-	-	-
Cholera (043)	-	-	-	-	-	-	-	-
Brucellosis (undulant fever) (044)	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	15	0.7	10	0.5	4	2.7	1	1.9
Scarlet fever (050)	-	-	-	-	-	-	-	-
Streptococcal sore throat (051)	6	0.3	5	0.2	1	0.7	-	-
Erysipelas (052)	-	-	-	-	-	-	-	-
Septicemia and pyemia (053)	11	0.5	10	0.5	1	0.7	-	-
Diphtheria (055)	9	0.4	8	0.4	-	-	1	1.9
Whooping cough (056)	20	0.9	15	0.7	2	1.4	3	5.6
Meningococcal infections (057)	12	0.5	11	0.5	1	0.7	-	-
Plague (058)	-	-	-	-	-	-	-	-
Leprosy (060)	-	-	-	-	-	-	-	-
Tetanus (061)	4	0.2	2	0.1	2	1.4	-	-
Anthrax (062)	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	38	1.7	34	1.7	1	0.7	3	5.6
Acute infectious encephalitis (082)	7	0.3	5	0.2	1	0.7	1	1.9
Late effects of acute poliomyelitis and acute infectious encephalitis (081, 083)	5	0.2	5	0.2	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-
Measles (085)	1	0.0	1	0.0	-	-	-	-
Yellow fever (091)	-	-	-	-	-	-	-	-
Infectious hepatitis (092)	5	0.2	5	0.2	-	-	-	-
Rabies (094)	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	1	0.0	-	-	-	-	1	1.9
Malaria (110-117)	2	0.1	-	-	2	1.4	-	-
Schistosomiasis (123)	-	-	-	-	-	-	-	-
Hydatid disease (125)	-	-	-	-	-	-	-	-
Filariasis (127)	-	-	-	-	-	-	-	-
Ankylostomiasis (129)	-	-	-	-	-	-	-	-
Other diseases due to helminths (124, 126, 128, 130)	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (036-039, 049, 054, 059, 063-074, 086-090, 093, 095, 096, 120-122, 131-138)	36	1.6	32	1.6	3	2.1	1	1.9
Malignant neoplasm of buccal cavity and pharynx (140-148)	74	3.3	71	3.5	2	1.4	1	1.9
Malignant neoplasm of esophagus (150)	32	1.4	29	1.4	3	2.1	-	-
Malignant neoplasm of stomach (151)	352	15.8	316	15.5	25	17.2	11	20.5
Malignant neoplasm of intestine, except rectum (152, 153)	244	10.9	235	11.6	7	4.8	2	3.7
Malignant neoplasm of rectum (154)	72	3.2	66	3.2	2	1.4	4	7.4
Malignant neoplasm of larynx (161)	22	1.0	22	1.1	-	-	-	-
Malignant neoplasm of trachea, and of bronchus and lung not specified as secondary (162, 163)	227	10.2	211	10.4	11	7.6	5	9.3
Malignant neoplasm of breast (170)	188	8.4	172	8.5	14	9.6	2	3.7
Malignant neoplasm of cervix uteri (171)	96	4.3	84	4.1	8	5.5	4	7.4
Malignant neoplasm of other and unspecified parts of uterus (172-174)	116	5.2	101	5.0	13	8.9	2	3.7
Malignant neoplasm of prostate (177)	185	8.3	162	8.0	21	14.4	2	3.7
Malignant neoplasm of skin (190, 191)	56	2.5	55	2.7	1	0.7	-	-
Malignant neoplasm of bone and connective tissue (196, 197)	43	1.9	39	1.9	3	2.1	1	1.9

Rates from specific causes represent number per 100,000 estimated population
* Rates represent number per 1,000 estimated population

TABLE I. RESIDENT DEATHS BY INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES
NUMBER AND RATE, BY RACE, OKLAHOMA, 1950
(Continued)

	Total		White		Negro		Indian	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Malignant neoplasm of all other and unspecified sites (155-160, 164, 165, 175, 176, 178-181, 192-195, 198, 199)	764	34.2	712	35.0	36	24.7	16	29.8
Leukemia and aleukemia (204)	114	5.1	110	5.4	2	1.4	2	3.7
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic system (200-203,205)	97	4.3	91	4.5	5	3.4	1	1.9
Benign neoplasms and neoplasms of unspecified nature (210-239)	85	3.8	79	3.9	6	4.1	-	-
Nontoxic goiter (250, 251)	5	0.2	3	0.1	2	1.4	-	-
Thyrotoxicosis with or without goiter (252)	18	0.8	18	0.9	-	-	-	-
Diabetes mellitus (260)	308	13.8	274	13.5	22	15.1	12	22.3
Avitaminosis and other deficiency states (280-286)	37	1.7	30	1.5	4	2.7	3	5.6
Anemias (290-293)	62	2.8	53	2.6	7	4.8	2	3.7
Allergic disorders; all other endocrine, metabolic and blood diseases (240-245, 253, 254, 270-277, 287-289, 294-299)	149	6.7	138	6.8	10	6.9	1	1.9
Psychoses (300-309)	104	4.7	89	4.4	14	9.6	1	1.9
Psychoneuroses and disorders of personality (310-324, 326)	22	1.0	17	0.8	4	2.7	1	1.9
Mental deficiency (325)	7	0.3	5	0.2	1	0.7	1	1.9
Vascular lesions affecting central nervous system (330-334)	2,246	100.6	2,018	99.2	198	136.1	30	55.8
Nonmeningococcal meningitis (340)	28	1.3	20	1.0	5	3.4	3	5.6
Multiple sclerosis (345)	17	0.8	16	0.8	-	-	1	1.9
Epilepsy (353)	40	1.8	31	1.5	6	4.1	3	5.6
Inflammatory diseases of eye (370-379)	1	0.0	1	0.0	-	-	-	-
Cataract (385)	2	0.1	2	0.1	-	-	-	-
Glaucoma (387)	-	-	-	-	-	-	-	-
Otitis media and mastoiditis (391-393)	10	0.4	8	0.4	2	1.4	-	-
All other diseases of the nervous system and sense organs (341-344, 350-352, 354-369, 380-384, 386, 388-390, 394-398)	145	6.5	123	6.0	14	9.6	8	14.9
Rheumatic fever (400-402)	19	0.9	16	0.8	2	1.4	1	1.9
Chronic rheumatic heart disease (410-416)	216	9.7	192	9.4	20	13.7	4	7.4
Arteriosclerotic and degenerative heart disease (420-422)	4,262	190.8	3,981	195.7	210	144.3	71	132.0
Other diseases of heart (430-434)	648	29.0	562	27.6	73	50.2	13	24.2
Hypertension with heart disease (440-443)	930	41.6	777	38.2	126	86.6	27	50.2
Hypertension without mention of heart (444-447)	221	9.9	189	9.3	29	19.9	3	5.6
Diseases of arteries (450-456)	437	19.6	412	20.3	21	14.4	4	7.4
Other diseases of circulatory system (460-468)	48	2.1	43	2.1	5	3.4	-	-
Acute upper respiratory infections (470-475)	16	0.7	14	0.7	2	1.4	-	-
Influenza (480-483)	214	9.6	171	8.4	37	25.4	6	11.2
Lobar pneumonia (490)	172	7.7	128	6.3	34	23.4	10	18.6
Bronchopneumonia (491)	172	7.7	128	6.3	29	19.9	15	27.9
Primary atypical, other and unspecified pneumonia (492, 493)	256	11.5	200	9.8	35	24.1	21	39.1
Acute bronchitis (500)	5	0.2	4	0.2	1	0.7	-	-
Bronchitis, chronic and unqualified (501, 502)	33	1.5	29	1.4	3	2.1	1	1.9
Hypertrophy of tonsils and adenoids (510)	7	0.3	6	0.3	1	0.7	-	-
Empyema and abscess of lung (518, 521)	12	0.5	12	0.6	-	-	-	-
Pleurisy (519)	3	0.1	3	0.1	-	-	-	-
All other respiratory diseases (511-517, 520, 522-527)	114	5.1	109	5.4	4	2.7	1	1.9
Diseases of teeth and supporting structures (530-535)	6	0.3	4	0.2	1	0.7	1	1.9
Ulcer of stomach (540)	63	2.8	57	2.8	4	2.7	2	3.7
Ulcer of duodenum (541)	49	2.2	47	2.3	2	1.4	-	-
Gastritis and duodenitis (543)	3	0.1	1	0.0	2	1.4	-	-
Appendicitis (550-553)	46	2.1	36	1.8	8	5.5	2	3.7
Intestinal obstruction and hernia (560, 561, 570)	147	6.6	130	6.4	15	10.3	2	3.7
Gastro-enteritis and colitis, except diarrhea of the newborn (571, 572)	92	4.1	65	3.2	11	7.6	16	29.8
Cirrhosis of liver (581)	139	6.2	129	6.3	6	4.1	4	7.4
Cholelithiasis and cholecystitis (584, 585)	85	3.8	77	3.8	4	2.7	4	7.4

TABLE I. RESIDENT DEATHS BY INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES
NUMBER AND RATE, BY RACE, OKLAHOMA, 1950
(Continued)

	Total		White		Negro		Indian	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Other diseases of digestive system (536-539, 542, 544, 545, 573-580, 582, 583, 586, 587)	102	4.6	82	4.0	18	12.4	2	3.7
Acute nephritis (590)	27	1.2	17	0.8	8	5.5	2	3.7
Chronic, other and unspecified nephritis (591-594)	418	18.7	323	15.9	88	60.5	7	13.0
Infections of kidney (600)	39	1.7	35	1.7	2	1.4	2	3.7
Calculi of urinary system (602, 604)	21	0.9	20	1.0	1	0.7	-	-
Hyperplasia of prostate (610)	139	6.2	123	6.0	15	10.3	1	1.9
Diseases of breast (620, 621)	-	-	-	-	-	-	-	-
Other diseases of genito-urinary system (601, 603, 605-609, 611-617, 622-637)	66	3.0	58	2.9	8	5.5	-	-
Sepsis of pregnancy, childbirth and the puerperium (640, 641, 681, 682, 684)	6	0.3	5	0.2	-	-	1	1.9
Toxemias of pregnancy and the puerperium (642, 652, 685, 686)	15	0.7	13	0.6	1	0.7	1	1.9
Hemorrhage of pregnancy and childbirth (643, 644, 670-672)	8	0.4	3	0.1	4	2.7	1	1.9
Abortion without mention of sepsis or toxemia (650)	2	0.1	2	0.1	-	-	-	-
Abortion with sepsis (651)	3	0.1	3	0.1	-	-	-	-
Other complications of pregnancy, childbirth and the puerperium (645-649, 673-680, 683, 687-689)	9	0.4	5	0.2	3	2.1	1	1.9
Infections of skin and subcutaneous tissue (690-698)	7	0.3	4	0.2	-	-	3	5.6
Arthritis and spondylitis (720-725)	40	1.8	38	1.9	2	1.4	-	-
Muscular rheumatism and rheumatism, unspecified (726, 727)	3	0.1	2	0.1	1	0.7	-	-
Osteomyelitis and periostitis (730)	1	0.0	1	0.0	-	-	-	-
Ankylosis and acquired musculoskeletal deformities (737, 745-749)	-	-	-	-	-	-	-	-
All other diseases of skin and musculoskeletal system (700-716, 731-736, 738-744)	21	0.9	19	0.9	2	1.4	-	-
Spina bifida and meningocele (751)	22	1.0	20	1.0	1	0.7	1	1.9
Congenital malformations of circulatory system (754)	118	5.3	112	5.5	4	2.7	2	3.7
All other congenital malformations (750, 752, 753, 755-759)	104	4.7	94	4.6	6	4.1	4	7.4
Birth injuries (760, 761)	158	7.1	131	6.4	20	13.7	7	13.0
Postnatal asphyxia and atelectasis (762)	184	8.2	158	7.8	16	11.0	10	18.6
Infections of the newborn (763-768)	54	2.4	41	2.0	9	6.2	4	7.4
Hemolytic disease of newborn (770)	30	1.3	28	1.4	2	1.4	-	-
All other defined diseases of early infancy (769, 771, 772)	50	2.2	29	1.4	13	8.9	8	14.9
Ill-defined diseases peculiar to early infancy, and immaturity unqualified (773-776)	435	19.5	364	17.9	49	33.7	22	40.9
Senility without mention of psychosis (794)	164	7.3	139	6.8	19	13.1	6	11.2
Ill-defined and unknown causes of mortality (780-793, 795)	363	16.3	283	13.9	62	42.6	18	33.5
Motor vehicle accidents (E810-E835)	522	23.4	477	23.5	27	18.6	18	33.5
Other transport accidents (E800-E802, E840-E866)	77	3.4	69	3.4	4	2.7	4	7.4
Accidental poisoning (E870-E895)	59	2.6	58	2.9	1	0.7	-	-
Accidental falls (E900-E904)	260	11.6	241	11.8	14	9.6	5	9.3
Accident caused by machinery (E912)	27	1.2	27	1.3	-	-	-	-
Accident caused by fire and explosion of combustible material (E916)	129	5.8	97	4.8	28	19.2	4	7.4
Accident caused by hot substance, corrosive liquid, steam, and radiation (E917, E918)	6	0.3	6	0.3	-	-	-	-
Accident caused by firearm (E919)	47	2.1	41	2.0	3	2.1	3	5.6
Accidental drowning and submersion (E929)	68	3.0	56	2.8	7	4.8	5	9.3
All other accidental causes (E910, E911, E913-E915, E920-E928, E930-E962)	155	6.9	137	6.7	11	7.6	7	13.0
Suicide and self-inflicted injury (E963, E970-E979)	193	8.6	187	9.2	4	2.7	2	3.7
Homicide and injury purposely inflicted by other persons (not in war) (E964, E965, E980-E985)	111	5.0	65	3.2	43	29.6	3	5.6
Injury resulting from operations of war (E990-E999)	2	0.1	2	0.1	-	-	-	-

TABLE II. RESIDENT BIRTHS, DEATHS, AND DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES
NUMBER AND RATE, BY RACE, OKLAHOMA, 1950

	Total		White		Negro		Indian	
Census enumeration (prelim.), April 1, 1950	2,233,351		2,034,079		145,503		53,769	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Live births*	50,472	22.6	44,588	21.9	3,815	26.2	2,069	38.5
Physician in hospital	42,543	...	38,737	...	2,045	...	1,761	...
Physician in maternity home	471	...	453	...	4	...	14	...
Physician in home	6,096	...	5,075	...	842	...	179	...
Midwife, other, or unknown	1,362	...	323	...	924	...	115	...
Stillbirths †	825	16.3	662	14.8	116	30.4	47	22.7
Physician in hospital	669	...	565	...	65	...	39	...
Physician in maternity home	3	...	3	...	-	...	-	...
Physician in home	121	...	85	...	32	...	4	...
Midwife, other, or unknown	32	...	9	...	19	...	4	...
Total deaths, all causes*	19,431	8.7	17,140	8.4	1,736	11.9	555	10.3
Deaths under 1 year †	1,509	29.9	1,208	27.1	194	50.9	107	51.7
Deaths under 1 month †	1,067	21.1	886	19.8	129	33.8	52	25.1
Tuberculosis of respiratory system (001-008)	467	20.9	354	17.4	57	39.2	56	104.1
Tuberculosis, other forms (010-019)	33	1.5	25	1.2	5	3.4	3	5.6
Syphilis and its sequelae (020-029)	108	4.8	79	3.9	25	17.2	4	7.4
Typhoid fever (040)	1	0.0	-	-	1	0.7	-	-
Dysentery, all forms (045-048)	15	0.7	10	0.5	4	2.7	1	1.9
Scarlet fever and streptococcal sore throat (050, 051)	6	0.3	5	0.2	1	0.7	-	-
Diphtheria (055)	9	0.4	8	0.4	-	-	1	1.9
Whooping cough (056)	20	0.9	15	0.7	2	1.4	3	5.6
Meningococcal infections (057)	12	0.5	11	0.5	1	0.7	-	-
Acute poliomyelitis (080)	38	1.7	34	1.7	1	0.7	3	5.6
Smallpox (084)	-	-	-	-	-	-	-	-
Measles (085)	1	0.0	1	0.0	-	-	-	-
Typhus and other rickettsial diseases (100-108)	1	0.0	-	-	-	-	1	1.9
Malaria (110-117)	2	0.1	-	-	2	1.4	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	70	3.1	60	2.9	8	5.5	2	3.7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	2,682	120.1	2,476	121.7	153	105.2	53	98.6
Benign and unspecified neoplasms (210-239)	85	3.8	79	3.9	6	4.1	-	-
Diabetes mellitus (260)	308	13.8	274	13.5	22	15.1	12	22.3
Anemias (290-293)	62	2.8	53	2.6	7	4.8	2	3.7
Vascular lesions affecting central nervous system (330-334)	2,246	100.6	2,018	99.2	198	136.1	30	55.8
Nonmeningococcal meningitis (340)	28	1.3	20	1.0	5	3.4	3	5.6
Rheumatic fever (400-402)	19	0.9	16	0.8	2	1.4	1	1.9
Chronic rheumatic heart disease (410-416)	216	9.7	192	9.4	20	13.7	4	7.4
Arteriosclerotic and degenerative heart disease (420-422)	4,262	190.8	3,981	195.7	210	144.3	71	132.0
Other diseases of heart (430-434)	648	29.0	562	27.6	73	50.2	13	24.2
Hypertension with heart disease (440-443)	930	41.6	777	38.2	126	86.6	27	50.2
Hypertension without mention of heart (444-447)	221	9.9	189	9.3	29	19.9	3	5.6
Influenza (480-483)	214	9.6	171	8.4	37	25.4	6	11.2
Pneumonia (490-493)	600	26.9	456	22.4	98	67.4	46	85.6
Bronchitis (500-502)	38	1.7	33	1.6	4	2.7	1	1.9
Ulcer of stomach and duodenum (540, 541)	112	5.0	104	5.1	6	4.1	2	3.7
Appendicitis (550-553)	46	2.1	36	1.8	8	5.5	2	3.7
Intestinal obstruction and hernia (560, 561, 570)	147	6.6	130	6.4	15	10.3	2	3.7
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	95	4.3	66	3.2	13	8.9	16	29.8
Cirrhosis of liver (581)	139	6.2	129	6.3	6	4.1	4	7.4
Nephritis and nephrosis (590-594)	445	19.9	340	16.7	96	66.0	9	16.7
Hyperplasia of prostate (610)	139	6.2	123	6.0	15	10.3	1	1.9
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	43	0.9	31	0.7	8	2.1	4	1.9
Congenital malformations (750-759)	244	10.9	226	11.1	11	7.6	7	13.0
Birth injuries, postnatal asphyxia and atelectasis (760-762)	342	15.3	289	14.2	36	24.7	17	31.6
Infections of the newborn (763-768)	54	2.4	41	2.0	9	6.2	4	7.4
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	515	23.1	421	20.7	64	44.0	30	55.8
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	527	23.6	422	20.7	81	55.7	24	44.6
All other diseases (Residual)	1,585	71.0	1,420	69.8	129	88.7	36	67.0
Motor vehicle accidents (E810-E835)	522	23.4	477	23.5	27	18.6	18	33.5
All other accidents (E800-E802, E840-E962)	828	37.1	732	36.0	68	46.7	28	52.1
Suicide and self-inflicted injury (E963, E970-E979)	193	8.6	187	9.2	4	2.7	2	3.7
Homicide and operations of war (E964, E965, E980-E999)	113	5.1	67	3.3	43	29.6	3	5.6

See notes on Table A.

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES
BY RACE, SEX, AND AGE, OKLAHOMA, 1950

Cause of Death	All Ages						Under 1 Year					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes*	10,313	6,827	952	784	313	242	717	491	95	99	61	46
Tuberculosis of respiratory system (001-008)	249	105	41	16	25	31	-	2	-	-	-	1
Tuberculosis, other forms (010-019)	8	17	-	5	2	1	1	1	-	-	-	-
Syphilis and its sequelae (020-029)	63	16	15	10	2	2	-	1	-	1	-	1
Typhoid fever (040)	-	-	-	1	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	9	1	3	1	-	1	5	1	2	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	2	3	-	1	-	-	-	-	-	-	-	-
Diphtheria (055)	3	5	-	-	1	-	1	-	-	-	-	-
Whooping cough (056)	5	10	1	1	2	1	4	9	-	1	1	-
Meningococcal infections (057)	7	4	-	1	-	-	-	1	-	-	-	-
Acute poliomyelitis (080)	17	17	-	1	1	2	3	3	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	1	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	1	-	-	-	-	-	-	-
Malaria (110-117)	-	-	1	1	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	36	24	3	5	1	1	8	1	-	2	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	1,322	1,154	75	78	32	21	2	3	-	1	1	-
Benign and unspecified neoplasms (210-239)	33	46	-	6	-	-	4	-	-	-	-	-
Diabetes mellitus (260)	127	147	8	14	6	6	-	-	-	-	-	-
Anemias (290-293)	27	26	5	2	1	1	3	-	-	-	-	1
Vascular lesions affecting central nervous system (330-334)	1,082	936	97	101	19	11	-	1	-	-	-	-
Nonmeningococcal meningitis (340)	11	9	3	2	1	2	3	5	1	-	-	2
Rheumatic fever (400-402)	9	7	1	1	-	1	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	90	102	7	13	2	2	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	2,688	1,293	118	92	47	24	-	-	-	-	-	-
Other diseases of heart (430-434)	373	189	49	24	8	5	1	1	-	-	-	-
Hypertension with heart disease (440-443)	387	390	64	62	18	9	-	-	-	-	-	-
Hypertension without mention of heart (444-447)	91	98	12	17	1	2	-	-	-	-	-	-
Influenza (480-483)	96	75	20	17	3	3	6	2	1	2	1	-
Pneumonia (490-493)	267	189	49	49	21	25	41	24	10	16	6	9
Bronchitis (500-502)	18	15	1	3	1	-	2	1	-	1	-	-
Ulcer of stomach and duodenum (540, 541)	87	17	3	3	-	2	2	1	-	-	-	-
Appendicitis (550-553)	26	10	5	3	2	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	69	61	10	5	-	2	5	6	3	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	34	32	7	6	8	8	14	14	2	3	4	6
Cirrhosis of liver (581)	87	42	3	3	2	2	1	-	-	-	-	-
Nephritis and nephrosis (590-594)	194	146	53	43	5	4	1	-	-	-	-	1
Hyperplasia of prostate (610)	123	-	15	-	1	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689)	-	31	-	8	-	4	-	-	-	-	-	-
Congenital malformations (750-759)	125	101	3	8	4	3	100	76	2	8	3	3
Birth injuries, postnatal asphyxia and atelectasis (760-762)	185	104	16	20	12	5	185	104	16	20	12	5
Infections of the newborn (763-768)	24	17	4	5	3	1	24	17	4	5	3	1
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	241	180	38	26	17	13	241	180	38	26	17	13
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	253	169	49	32	11	13	13	8	8	5	4	-
All other diseases (Residual)	795	625	72	57	21	15	28	9	3	7	6	2
Motor vehicle accidents (E810-E835)	346	131	19	8	11	7	1	5	-	-	-	-
All other accidents (E800-E802, E840-E962)	506	226	45	23	17	11	18	15	5	1	3	1
Suicide and self-inflicted injury (E963, E970-E979)	145	42	2	2	2	-	-	-	-	-	-	-
Homicide and operations of war (E964, E965, E980-E999)	53	14	35	8	2	1	-	-	-	-	-	-

See notes on Table A.

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES BY RACE, SEX, AND AGE, OKLAHOMA, 1950
(Continued)

Cause of Death	1-4 Years						5-9 Years					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes*	138	96	21	19	17	14	60	55	6	6	2	3
Tuberculosis of respiratory system (001-008)	-	-	-	-	2	1	-	-	-	-	-	-
Tuberculosis, other forms (010-019)	1	3	-	1	1	-	-	3	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	1	1	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	1	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	2	4	-	-	1	-	-	1	-	-	-	-
Whooping cough (056)	-	1	1	-	1	1	-	-	-	-	-	-
Meningococcal infections (057)	5	1	-	-	-	-	2	2	-	-	-	-
Acute poliomyelitis (080)	5	4	-	1	1	-	4	3	-	-	-	1
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	1	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	1	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	3	5	-	-	1	-	4	2	1	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	15	7	-	-	2	-	4	5	-	1	-	-
Benign and unspecified neoplasms (210-239)	2	1	-	-	-	-	1	1	-	-	-	-
Diabetes mellitus (260)	-	-	-	-	-	-	-	-	-	-	-	-
Anemias (290-293)	-	-	1	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	-	1	-	-	-	-	1	-	-	-	-	-
Nonmeningococcal meningitis (340)	3	1	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	1	-	-	-	-
Chronic rheumatic heart disease (410-416)	1	-	-	1	-	-	-	1	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	-	-	-	-	-	-	-	-	-	1	-	-
Other diseases of heart (430-434)	1	-	-	-	-	-	-	1	-	-	-	-
Hypertension with heart disease (440-443)	-	-	-	-	-	-	1	-	-	-	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (480-483)	4	-	-	1	-	-	1	-	-	-	-	-
Pneumonia (490-493)	10	7	4	3	2	5	5	2	-	-	-	-
Bronchitis (500-502)	-	-	1	-	1	-	-	-	-	1	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (550-553)	1	-	1	-	-	-	2	1	1	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	2	2	1	-	-	-	-	1	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	4	5	2	2	1	1	-	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	-	-	1	-	-	-	-
Nephritis and nephrosis (590-594)	-	2	1	-	-	-	-	2	-	-	-	-
Hyperplasia of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689)	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	10	12	-	-	-	-	4	2	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	-	-	-	-	-	-	-	-	-	-	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	2	2	-	4	1	3	2	2	-	-	-	-
All other diseases (Residual)	15	7	1	-	1	1	6	8	-	1	-	-
Motor vehicle accidents (E810-E835)	17	11	-	2	1	-	7	9	1	-	-	1
All other accidents (E800-E802, E840-E962)	35	17	8	4	1	1	15	7	3	2	1	1
Suicide and self-inflicted injury (E963, E970-E979)	-	-	-	-	-	-	-	-	-	-	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	1	-	-	-	-	-	-	-	-	-	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES
BY RACE, SEX, AND AGE, OKLAHOMA, 1950
(Continued)

Cause of Death	10-14 Years						15-19 Years					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes*	49	29	12	5	2	2	127	57	10	12	8	11
Tuberculosis of respiratory system (001-008)	1	1	-	1	1	-	1	5	-	-	1	5
Tuberculosis, other forms (010-019)	-	-	-	1	-	-	1	1	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	1	-	-	1	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	3	-	-	-	-	2	1	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	2	2	-	-	-	1	-	3	-	1	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	7	2	-	-	-	-	8	3	-	1	-	-
Benign and unspecified neoplasms (210-239)	1	1	-	-	-	-	4	2	-	-	-	-
Diabetes mellitus (260)	1	1	-	-	-	-	-	3	-	-	-	-
Anemias (290-293)	-	-	-	-	-	-	1	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	1	1	-	-	-	-	-	-	-	1	-	-
Nonmeningococcal meningitis (340)	1	-	-	1	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	1	1	1	1	-	-	2	2	-	-	-	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	-	1	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	-	-	-	-	-	-	-	1	-	-	-	-
Other diseases of heart (430-434)	-	-	-	-	-	-	1	-	-	-	-	-
Hypertension with heart disease (440-443)	-	-	-	-	-	-	-	-	-	-	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (480-483)	1	1	-	-	-	-	-	1	1	1	-	-
Pneumonia (490-493)	3	-	-	1	-	1	2	1	1	1	-	1
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	1	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (550-553)	1	-	-	-	-	-	4	1	1	-	1	-
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	-	2	-	-	-	-	-
Nephritis and nephrosis (590-594)	3	2	-	-	-	-	2	3	1	1	-	1
Hyperplasia of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689)	-	-	-	-	-	-	-	4	-	2	-	1
Congenital malformations (750-759)	2	2	1	-	-	-	-	-	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	-	-	-	-	-	-	-	-	-	-	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	-	-	-	-	-	-	1	-	-	1	-	-
All other diseases (Residual)	2	-	3	-	1	-	4	6	1	-	4	1
Motor vehicle accidents (E810-E835)	4	7	1	-	-	-	51	12	1	1	1	1
All other accidents (E800-E802, E840-E962)	17	4	6	-	-	-	33	6	3	-	1	1
Suicide and self-inflicted injury (E963, E970-E979)	1	1	-	-	-	-	-	-	-	-	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	-	6	2	1	-	-	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES BY RACE, SEX, AND AGE, OKLAHOMA, 1950
(Continued)

Cause of Death	20-24 Years						25-34 Years					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes*	129	56	21	11	10	9	255	162	37	32	10	13
Tuberculosis of respiratory system (001-008)	3	13	5	4	1	5	18	16	6	5	3	4
Tuberculosis, other forms (010-019)	-	-	-	-	1	-	2	1	-	1	-	-
Syphilis and its sequelae (020-029)	1	-	-	-	-	-	-	-	-	1	-	-
Typhoid fever (040)	-	-	-	1	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	1	-	-	-	-	3	2	-	-	-	1
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	1	-	-	-	3	2	1	2	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	6	2	-	1	-	-	26	23	-	2	-	-
Benign and unspecified neoplasms (210-239)	-	1	-	-	-	-	1	3	-	2	-	-
Diabetes mellitus (260)	-	-	-	-	-	-	4	7	-	-	-	-
Anemias (290-293)	-	-	1	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	-	1	-	-	-	-	2	7	1	1	-	-
Nonmeningococcal meningitis (340)	-	1	-	-	-	-	1	-	-	1	-	-
Rheumatic fever (400-402)	2	1	-	-	-	-	1	-	-	-	-	1
Chronic rheumatic heart disease (410-416)	1	2	-	-	-	-	6	4	-	2	1	-
Arteriosclerotic and degenerative heart disease (420-422)	-	1	1	-	-	1	7	6	-	1	-	-
Other diseases of heart (430-434)	2	1	1	-	-	1	3	2	2	1	-	1
Hypertension with heart disease (440-443)	2	-	-	-	-	-	2	4	1	-	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	2	-	1	-	-	-
Influenza (480-483)	-	-	-	-	-	-	-	2	-	-	-	-
Pneumonia (490-493)	2	2	1	-	-	-	2	2	2	-	-	1
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	3	-	1	-	-	-
Appendicitis (550-553)	1	-	-	1	-	-	-	2	1	1	-	-
Intestinal obstruction and hernia (560, 561, 570)	2	-	-	-	-	-	4	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	-	1	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	-	1	1	-	1	-	-
Nephritis and nephrosis (590-594)	3	3	1	1	-	-	3	8	2	2	-	-
Hyperplasia of prostate (610)	-	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689)	-	4	-	2	-	1	-	16	-	1	-	-
Congenital malformations (750-759)	1	2	-	-	-	-	-	1	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	-	-	-	-	-	-	-	-	-	-	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	2	1	1	-	-	-	4	3	-	-	1	-
All other diseases (Residual)	10	4	1	-	-	-	17	14	5	1	-	3
Motor vehicle accidents (E810-E835)	49	9	4	-	5	1	60	16	3	3	2	1
All other accidents (E800-E802, E840-E962)	29	3	-	1	3	-	56	8	2	3	1	1
Suicide and self-inflicted injury (E963, E970-E979)	9	4	-	-	-	-	11	9	-	-	1	-
Homicide and operations of war (E964, E965, E980-E999)	4	-	4	-	-	-	12	3	9	1	1	-

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES BY RACE, SEX, AND AGE, OKLAHOMA, 1950
(Continued)

Cause of Death	35-44 Years						45-64 Years					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes*	492	282	61	62	17	25	2,572	1,324	249	232	71	41
Tuberculosis of respiratory system (001-008)	40	14	8	1	2	4	100	22	15	3	8	6
Tuberculosis, other forms (010-019)	-	-	-	1	-	-	2	3	-	-	-	-
Syphilis and its sequelae (020-029)	7	2	3	3	-	-	35	9	5	3	1	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	1	-	1	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	1	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	1	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	1	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	2	-	-	-	-	6	5	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	77	98	2	12	2	5	424	405	34	41	9	8
Benign and unspecified neoplasms (210-239)	2	8	-	-	-	-	9	18	-	3	-	-
Diabetes mellitus (260)	9	8	-	2	1	-	40	29	3	6	3	2
Anemias (290-293)	-	-	-	-	-	-	3	5	-	1	-	-
Vascular lesions affecting central nervous system (330-334)	14	15	3	3	-	2	192	144	27	38	7	1
Nonmeningococcal meningitis (340)	-	-	1	-	-	-	1	-	1	-	1	-
Rheumatic fever (400-402)	3	1	-	-	-	-	-	1	-	-	-	-
Chronic rheumatic heart disease (410-416)	9	11	-	-	-	-	28	37	3	1	-	1
Arteriosclerotic and degenerative heart disease (420-422)	80	13	3	10	3	2	885	225	40	37	19	5
Other diseases of heart (430-434)	15	4	5	1	-	1	97	39	15	8	1	-
Hypertension with heart disease (440-443)	2	7	2	4	-	1	86	53	26	26	4	2
Hypertension without mention of heart (444-447)	1	1	2	3	1	-	23	17	-	3	-	-
Influenza (480-483)	1	1	2	2	-	-	8	9	4	7	-	1
Pneumonia (490-493)	4	4	5	5	1	1	29	13	10	9	3	1
Bronchitis (500-502)	1	-	-	-	-	-	-	2	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	12	3	1	1	-	-	33	8	1	2	-	1
Appendicitis (550-553)	3	-	-	-	-	-	6	3	1	-	1	-
Intestinal obstruction and hernia (560, 561, 570)	2	6	-	1	-	-	18	16	2	3	-	1
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	2	1	-	-	1	-	4	3	2	-	-	1
Cirrhosis of liver (581)	3	4	-	-	-	-	34	13	1	-	1	2
Nephritis and nephrosis (590-594)	10	9	2	-	1	1	39	28	11	13	1	1
Hyperplasia of prostate (610)	-	-	-	-	-	-	7	-	2	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689)	-	7	-	3	-	2	-	-	-	-	-	-
Congenital malformations (750-759)	2	2	-	-	-	-	6	4	-	-	1	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	-	-	-	-	-	-	-	-	-	-	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	7	6	1	1	-	1	33	14	12	6	1	2
All other diseases (Residual)	39	28	6	7	1	2	183	130	13	13	5	3
Motor vehicle accidents (E810-E835)	45	10	5	-	-	2	71	34	1	-	2	1
All other accidents (E800-E802, E840-E962)	55	7	2	-	2	1	93	18	9	1	3	1
Suicide and self-inflicted injury (E963, E970-E979)	30	9	-	-	1	-	63	12	1	1	-	-
Homicide and operations of war (E964, E965, E980-E999)	15	1	7	2	1	-	13	5	10	5	-	1

TABLE III. RESIDENT DEATHS BY INTERNATIONAL ABBREVIATED LIST OF 50 CAUSES
BY RACE, SEX, AND AGE, OKLAHOMA, 1950
(Continued)

Cause of Death	65 And Over						Age Unknown					
	White		Negro		Indian		White		Negro		Indian	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total deaths, all causes*	5,766	4,267	430	297	115	77	8	8	10	9	-	1
Tuberculosis of respiratory system (001-008)	86	32	7	2	7	5	-	-	-	-	-	-
Tuberculosis, other forms (010-019)	1	5	-	1	-	1	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	20	4	7	1	1	1	-	-	-	1	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	2	-	-	1	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	2	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	1	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	1	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	9	2	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	753	605	39	19	18	8	-	1	-	-	-	-
Benign and unspecified neoplasms (210-239)	9	11	-	1	-	-	-	-	-	-	-	-
Diabetes mellitus (260)	73	99	5	6	2	4	-	-	-	-	-	-
Anemias (290-293)	20	21	3	1	1	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	871	766	64	57	12	8	1	-	2	1	-	-
Nonmeningococcal meningitis (340)	2	2	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	44	47	4	9	1	1	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	1,716	1,046	73	41	25	16	-	1	1	2	-	-
Other diseases of heart (430-434)	253	141	26	14	7	2	-	-	-	-	-	-
Hypertension with heart disease (440-443)	294	326	31	32	14	6	-	-	4	-	-	-
Hypertension without mention of heart (444-447)	65	80	9	11	-	2	-	-	-	-	-	-
Influenza (480-483)	75	59	12	3	2	2	-	-	-	1	-	-
Pneumonia (490-493)	169	133	16	14	9	6	-	1	-	-	-	-
Bronchitis (500-502)	15	12	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	37	5	-	-	-	1	-	-	-	-	-	-
Appendicitis (550-553)	8	3	-	-	-	-	-	-	-	1	-	-
Intestinal obstruction and hernia (560, 561, 570)	36	30	4	1	-	1	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	9	9	1	1	2	-	-	-	-	-	-	-
Cirrhosis of liver (581)	46	23	2	1	1	-	-	-	-	1	-	-
Nephritis and nephrosis (590-594)	133	88	35	25	3	-	-	1	-	1	-	-
Hyperplasia of prostate (610)	116	-	13	-	1	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689)	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	-	-	-	-	-	-	-	-	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	-	-	-	-	-	-	-	-	-	-	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	188	133	24	15	4	7	1	-	3	-	-	-
All other diseases (Residual)	490	417	39	28	3	3	1	2	-	-	-	-
Motor vehicle accidents (E810-E835)	41	17	3	1	-	-	-	1	-	1	-	-
All other accidents (E800-E802, E840-E962)	151	141	7	11	2	3	4	-	-	-	-	1
Suicide and self-inflicted injury (E963, E970-E979)	30	7	1	1	-	-	1	-	-	-	-	-
Homicide and operations of war (E964, E965, E980-E999)	3	1	4	-	-	-	-	1	-	-	-	-

TABLE IV. LEADING CAUSES OF DEATH, NUMBER AND PER CENT, BY RACE, BY AGE GROUP, OKLAHOMA, 1950

Cause of Death	All Races		White		Negro		Indian	
	Number of Deaths	Per Cent of Total	Number of Deaths	Per Cent of Total	Number of Deaths	Per Cent of Total	Number of Deaths	Per Cent of Total
All Ages	19,431		17,140		1,736		555	
Diseases of the heart (410-443)	6,056	31.2	5,512	32.2	429	24.7	115	20.7
Malignant neoplasms (140-205)	2,682	13.8	2,476	14.4	153	8.8	53	9.5
Vascular lesions of CNS (330-334)	2,246	11.6	2,018	11.8	198	11.4	30	5.4
Accidents (E800-E962)	1,350	6.9	1,209	7.1	95	5.5	46	8.3
Congenital malformations, diseases of infancy (750-776)	1,155	5.9	977	5.7	120	6.9	58	10.5
Pneumonia (490-493)	600	3.1	456	2.7	98	5.6	46	8.3
Tuberculosis (001-019)	500	2.6	379	2.2	62	3.6	59	10.6
Nephritis and nephrosis (590-594)	445	2.3	340	2.0	96	5.5	9	1.6
Ages 0 - 4	1,814		1,442		234		138	
Congenital malformations, diseases of infancy (750-776)	1,125	62.0	949	65.8	119	50.9	57	41.3
Accidents (E800-E962)	146	8.0	119	8.3	20	8.5	7	5.1
Pneumonia (490-493)	137	7.6	82	5.7	33	14.1	22	15.9
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571-572)	58	3.2	37	2.6	9	3.8	12	8.7
Malignant neoplasms (140-205)	31	1.7	27	1.9	1	0.4	3	2.2
Whooping cough (056)	19	1.0	14	1.0	2	0.9	3	2.2
Intestinal obstruction, hernia (560-561, 570)	19	1.0	15	1.0	4	1.7	-	-
Influenza (480-483)	17	0.9	12	0.8	4	1.7	1	0.7
Acute poliomyelitis (080)	17	0.9	15	1.0	1	0.4	1	0.7
Ages 5 - 14	231		193		29		9	
Accidents (E800-E962)	86	37.2	70	36.3	13	44.8	3	33.3
Malignant neoplasms (140-205)	19	8.2	18	9.3	1	3.4	-	-
Pneumonia (490-493)	12	5.2	10	5.2	1	3.4	1	11.1
Acute poliomyelitis (080)	11	4.8	10	5.2	-	-	1	11.1
Congenital malformations (750-759)	11	4.8	10	5.2	1	3.4	-	-
Tuberculosis (001-019)	8	3.5	5	2.6	2	6.9	1	11.1
Nephritis and nephrosis (590-594)	7	3.0	7	3.6	-	-	-	-
Appendicitis (550-553)	5	2.2	4	2.1	1	3.4	-	-
Rheumatic fever (400-402)	5	2.2	3	1.6	2	6.9	-	-
Benign and unspecified neoplasms (210-239)	4	1.7	4	2.1	-	-	-	-
Ages 15 - 24	461		369		54		38	
Accidents (E800-E962)	215	46.6	192	52.0	10	18.5	13	34.2
Tuberculosis (001-019)	46	10.0	24	6.5	9	16.7	13	34.2
Malignant neoplasms (140-205)	21	4.6	19	5.1	2	3.7	-	-
Homicide (E964, E980-E999)	17	3.7	12	3.3	5	9.3	-	-
Diseases of the heart (410-443)	16	3.5	12	3.3	2	3.7	2	5.3
Nephritis and nephrosis (590-594)	16	3.5	11	3.0	4	7.4	1	2.6
Maternal causes (640-652, 660, 670-689)	14	3.0	8	2.2	4	7.4	2	5.3
Suicide (E963, E970-E979)	13	2.8	13	3.5	-	-	-	-
Ages 25 - 34	509		417		69		23	
Accidents (E800-E962)	156	30.6	140	33.6	11	15.9	5	21.7
Tuberculosis (001-019)	56	11.0	37	8.9	12	17.4	7	30.4
Malignant neoplasms (140-205)	51	10.0	49	11.8	2	2.9	-	-
Diseases of the heart (410-443)	43	8.4	34	8.2	7	10.1	2	8.7
Homicide (E964, E980-E999)	26	5.1	15	3.6	10	14.5	1	4.3
Suicide (E963, E970-E979)	21	4.1	20	4.8	-	-	1	4.3
Maternal causes (640-652, 660, 670-689)	17	3.3	16	3.8	1	1.4	-	-
Nephritis and nephrosis (590-594)	15	2.9	11	2.6	4	5.8	-	-
Ages 35 - 44	939		774		123		42	
Malignant neoplasms (140-205)	196	20.9	175	22.6	14	11.4	7	16.7
Diseases of the heart (410-443)	173	18.4	141	18.2	25	20.3	7	16.7
Accidents (E800-E962)	129	13.7	117	15.1	7	5.7	5	11.9
Tuberculosis (001-019)	70	7.5	54	7.0	10	8.1	6	14.3
Suicide (E963, E970-E979)	40	4.3	39	5.0	-	-	1	2.4
Vascular lesions of CNS (330-334)	37	3.9	29	3.7	6	4.9	2	4.8
Homicide (E964, E980-E999)	26	2.8	16	2.1	9	7.3	1	2.4
Nephritis and nephrosis (590-594)	23	2.4	19	2.5	2	1.6	2	4.8
Ages 45 - 64	4,489		3,896		481		112	
Diseases of the heart (410-443)	1,638	36.5	1,450	37.2	156	32.4	32	28.6
Malignant neoplasms (140-205)	921	20.5	829	21.3	75	15.6	17	15.2
Vascular lesions of CNS (330-334)	409	9.1	336	8.6	65	13.5	8	7.1
Accidents (E800-E962)	234	5.2	216	5.5	11	2.3	7	6.2
Tuberculosis (001-019)	159	3.5	127	3.3	18	3.7	14	12.5
Nephritis and nephrosis (590-594)	93	2.1	67	1.7	24	5.0	2	1.8
Diabetes mellitus (260)	83	1.8	69	1.8	9	1.9	5	4.5
Suicide (E963, E970-E979)	77	1.7	75	1.9	2	0.4	-	-
Ages 65 and over	10,952		10,033		727		192	
Diseases of the heart (410-443)	4,169	38.1	3,867	38.5	230	31.6	72	37.5
Vascular lesions of CNS (330-334)	1,778	16.2	1,637	16.3	121	16.6	20	10.4
Malignant neoplasms (140-205)	1,442	13.2	1,358	13.5	58	8.0	26	13.5
Accidents (E800-E962)	377	3.4	350	3.5	22	3.0	5	2.6
Pneumonia (490-493)	347	3.2	302	3.0	30	4.1	15	7.8
Nephritis and nephrosis (590-594)	284	2.6	221	2.2	60	8.3	3	1.6
Diabetes mellitus (260)	189	1.7	172	1.7	11	1.5	6	3.1
Hypertension without heart (444-447)	167	1.5	145	1.4	20	2.8	2	1.0

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950

	ADAIR					ALFALFA					ATOKA				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	14,918		Wh.	Neg.	Ind.	10,699		Wh.	Neg.	Ind.	14,269		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	358	24.0	244	-	114	214	20.0	214	-	-	335	23.5	306	11	18
Physician in hospital	195	...	114	80	1	209	...	209	-	-	114	...	99	1	14
Physician in home	116	...	102	14	-	4	...	4	-	-	204	...	192	8	4
Midwife, other, or unknown	47	...	27	20	-	1	...	1	-	-	17	...	15	2	-
Stillbirths †	6	16.8	3	-	3	2	9.3	2	-	-	8	23.9	7	1	-
Physician in hospital	2	...	-	-	2	2	...	2	-	-	4	...	3	1	-
Physician in home	4	...	3	-	1	-	...	-	-	-	4	...	4	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	147	9.9	99	-	48	111	10.4	111	-	-	135	9.5	112	17	6
Deaths under 1 year †	13	36.3	7	-	6	8	37.4	8	-	-	10	29.9	7	1	2
Deaths under 1 month †	9	25.1	5	-	4	6	28.0	6	-	-	5	14.9	5	-	-
Tuberculosis of respiratory system (001-008)	15	100.5	7	-	8	2	18.7	2	-	-	2	14.0	2	-	-
Tuberculosis, other forms (010-019)	1	6.7	1	-	-	-	-	-	-	-	2	14.0	2	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	3	20.1	1	-	2	-	-	-	-	-	1	7.0	1	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	1	9.3	1	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	-	-	-	-	-	2	14.0	1	1	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	11	73.7	6	-	5	22	205.6	22	-	-	21	147.2	15	4	2
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	1	9.3	1	-	-	1	7.0	1	-	-
Diabetes mellitus (260)	4	26.8	4	-	-	4	37.4	4	-	-	1	7.0	1	-	-
Anemias (290-293)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	15	100.5	13	-	2	24	224.3	24	-	-	7	49.1	5	2	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	3	20.1	2	-	1	2	18.7	2	-	-	2	14.0	2	-	-
Arteriosclerotic and degenerative heart disease (420-422)	17	114.0	14	-	3	20	186.9	20	-	-	26	182.2	21	4	1
Other diseases of heart (430-434)	4	26.8	4	-	-	3	28.0	3	-	-	12	84.1	11	1	-
Hypertension with heart disease (440-443)	8	53.6	6	-	2	2	18.7	2	-	-	2	14.0	1	1	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	-	-	-	-	2	14.0	2	-	-
Influenza (480-483)	1	6.7	1	-	-	2	18.7	2	-	-	-	-	-	-	-
Pneumonia (490-493)	14	93.8	6	-	8	3	28.0	3	-	-	1	7.0	1	-	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (550-553)	-	-	-	-	-	-	-	-	-	-	1	7.0	-	-	1
Intestinal obstruction and hernia (560, 561, 570)	1	6.7	1	-	-	1	9.3	1	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	1	9.3	1	-	-	2	14.0	-	-	2
Cirrhosis of liver (581)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	3	20.1	2	-	1	3	28.0	3	-	-	8	56.1	8	-	-
Hyperplasia of prostate (610)	2	13.4	2	-	-	2	18.7	2	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	2	5.6	1	-	1	-	-	-	-	-	1	3.0	1	-	-
Congenital malformations (750-759)	1	6.7	1	-	-	3	28.0	3	-	-	1	7.0	1	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	2	13.4	-	-	2	2	18.7	2	-	-	-	-	-	-	-
Infections of the newborn (763-768)	1	6.7	-	-	1	-	-	-	-	-	1	7.0	1	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	4	26.8	3	-	1	2	18.7	2	-	-	4	28.0	4	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	9	60.3	7	-	2	1	9.3	1	-	-	7	49.1	7	-	-
All other diseases (Residual)	11	73.7	8	-	3	4	37.4	4	-	-	18	126.1	17	1	-
Motor vehicle accidents (E810-E835)	8	53.6	5	-	3	1	9.3	1	-	-	4	28.0	4	-	-
All other accidents (E800-E802, E840-E962)	4	26.8	2	-	2	4	37.4	4	-	-	3	21.0	3	-	-
Suicide and self-inflicted injury (E963, E970-E979)	2	13.4	2	-	-	1	9.3	1	-	-	1	7.0	-	1	-
Homicide and operations of war (E964, E965, E980-E999)	1	6.7	-	-	1	-	-	-	-	-	2	14.0	-	2	-

See notes on Table A.

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	BEAVER					BECKHAM					BLAINE				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	7,411		Wh.	Neg.	Ind.	21,627		Wh.	Neg.	Ind.	15,049		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	170	22.9	170	-	-	488	22.6	471	16	1	380	25.3	308	34	38
Physician in hospital	154	...	154	-	-	464	...	447	16	1	327	...	271	20	36
Physician in home	15	...	15	-	-	24	...	24	-	-	49	...	37	11	1
Midwife, other, or unknown	1	...	1	-	-	-	...	-	-	-	4	...	-	3	1
Stillbirths †	-	-	-	-	-	11	22.5	11	-	-	5	13.2	4	-	1
Physician in hospital	-	...	-	-	-	11	...	11	-	-	5	...	4	-	1
Physician in home	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	67	9.0	67	-	-	171	7.9	168	2	1	145	9.6	121	18	6
Deaths under 1 year †	3	17.6	3	-	-	15	30.7	15	-	-	8	21.1	4	3	1
Deaths under 1 month †	3	17.6	3	-	-	10	20.5	10	-	-	6	15.8	3	3	-
Tuberculosis of respiratory system (001-008)	1	13.5	1	-	-	3	13.9	3	-	-	2	13.3	2	-	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	1	13.5	1	-	-	-	-	-	-	-	1	6.6	1	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	1	4.6	1	-	-	-	-	-	-	-
Acute poliomyelitis (080)	2	27.0	2	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	13.5	1	-	-	2	9.2	1	1	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	4	54.0	4	-	-	23	106.3	23	-	-	18	119.6	14	3	1
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	4	18.5	4	-	-	3	19.9	2	1	-
Diabetes mellitus (260)	4	54.0	4	-	-	1	4.6	1	-	-	6	39.9	5	1	-
Anemias (290-293)	-	-	-	-	-	-	-	-	-	-	2	13.3	2	-	-
Vascular lesions affecting central nervous system (330-334)	8	108.0	8	-	-	22	101.7	22	-	-	14	93.0	13	1	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	1	4.6	1	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	2	13.3	2	-	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	2	9.2	2	-	-	4	26.6	3	1	-
Arteriosclerotic and degenerative heart disease (420-422)	13	175.4	13	-	-	32	148.0	32	-	-	29	192.7	28	1	-
Other diseases of heart (430-434)	4	54.0	4	-	-	6	27.7	6	-	-	7	46.5	5	2	-
Hypertension with heart disease (440-443)	7	94.5	7	-	-	5	23.1	5	-	-	5	33.2	4	1	-
Hypertension without mention of heart (444-447)	1	13.5	1	-	-	1	4.6	1	-	-	2	13.3	2	-	-
Influenza (480-483)	-	-	-	-	-	2	9.2	2	-	-	-	-	-	-	-
Pneumonia (490-493)	1	13.5	1	-	-	10	46.2	10	-	-	8	53.2	7	1	-
Bronchitis (500-502)	-	-	-	-	-	1	4.6	1	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	2	13.3	2	-	-
Appendicitis (550-553)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	1	13.5	1	-	-	1	4.6	1	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	1	4.6	1	-	-	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	2	9.2	2	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	-	-	-	-	-	3	13.9	3	-	-	2	13.3	2	-	-
Hyperplasia of prostate (610)	-	-	-	-	-	2	9.2	2	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	1	2.6	-	-	1
Congenital malformations (750-759)	1	13.5	1	-	-	2	9.2	2	-	-	1	6.6	-	1	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	1	13.5	1	-	-	2	9.2	2	-	-	3	19.9	2	1	-
Infections of the newborn (763-768)	-	-	-	-	-	1	4.6	1	-	-	1	6.6	1	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	1	13.5	1	-	-	5	23.1	5	-	-	2	13.3	-	1	1
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	2	27.0	2	-	-	11	50.9	10	1	-	2	13.3	2	-	-
All other diseases (Residual)	6	81.0	6	-	-	13	60.1	13	-	-	13	86.4	11	1	1
Motor vehicle accidents (E810-E835)	4	54.0	4	-	-	5	23.1	4	-	1	6	39.9	5	1	-
All other accidents (E800-E802, E840-E962)	2	27.0	2	-	-	5	23.1	5	-	-	7	46.5	5	1	1
Suicide and self-inflicted injury (E963, E970-E979)	2	27.0	2	-	-	2	9.2	2	-	-	1	6.6	1	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	-	-	-	-	-	1	6.6	-	-	1

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	BRYAN					CADDO					CANADIAN				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	28,999		Wh.	Neg.	Ind.	34,913		Wh.	Neg.	Ind.	25,644		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	625	21.6	596	13	16	854	24.5	701	33	120	499	19.5	452	25	22
Physician in hospital	410	...	395	7	8	629	...	511	5	113	471	...	433	17	21
Physician in home	207	...	198	4	5	205	...	190	10	5	26	...	18	8	-
Midwife, other, or unknown	8	...	3	2	3	20	...	-	18	2	2	...	1	-	1
Stillbirths †	7	11.2	7	-	-	16	18.7	9	-	7	7	14.0	7	-	-
Physician in hospital	4	...	4	-	-	10	...	4	-	6	5	...	5	-	-
Physician in home	3	...	3	-	-	5	...	5	-	-	2	...	2	-	-
Midwife, other, or unknown	-	...	-	-	-	1	...	-	-	1	-	...	-	-	-
Total deaths, all causes*	281	9.7	266	10	5	313	9.0	268	7	38	224	8.7	202	13	9
Deaths under 1 year †	25	40.0	24	-	1	28	32.8	19	-	9	18	36.1	14	1	3
Deaths under 1 month †	16	25.6	16	-	-	15	17.6	12	-	3	12	24.0	9	1	2
Tuberculosis of respiratory system (001-008)	7	24.1	5	2	-	7	20.0	4	-	3	1	3.9	1	-	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	1	3.4	-	1	-	3	8.6	2	-	1	2	7.8	1	-	1
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	1	3.9	-	1	-
Dysentery, all forms (045-048)	-	-	-	-	-	1	2.9	1	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	1	3.4	-	1	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	2	6.9	2	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	1	3.4	1	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	2	6.9	2	-	-	1	2.9	1	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	2	6.9	2	-	-	2	5.7	2	-	-	1	3.9	1	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	43	148.3	42	1	-	47	134.6	40	2	5	23	89.7	22	-	1
Benign and unspecified neoplasms (210-239)	1	3.4	1	-	-	1	2.9	1	-	-	-	-	-	-	-
Diabetes mellitus (260)	9	31.0	9	-	-	3	8.6	3	-	-	5	19.5	5	-	-
Anemias (290-293)	2	6.9	1	-	1	-	-	-	-	-	3	11.7	2	-	1
Vascular lesions affecting central nervous system (330-334)	25	86.2	23	1	1	26	74.5	23	-	3	25	97.5	22	3	-
Nonmeningococcal meningitis (340)	1	3.4	1	-	-	2	5.7	1	-	1	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	1	3.9	1	-	-
Chronic rheumatic heart disease (410-416)	3	10.3	3	-	-	5	14.3	4	-	1	1	3.9	1	-	-
Arteriosclerotic and degenerative heart disease (420-422)	65	224.1	63	1	1	66	189.0	62	-	4	63	245.7	57	4	2
Other diseases of heart (430-434)	9	31.0	9	-	-	11	31.5	10	1	-	4	15.6	4	-	-
Hypertension with heart disease (440-443)	14	48.3	12	1	1	20	57.3	17	-	3	9	35.1	9	-	-
Hypertension without mention of heart (444-447)	2	6.9	2	-	-	5	14.3	4	1	-	-	-	-	-	-
Influenza (480-483)	-	-	-	-	-	4	11.5	4	-	-	3	11.7	3	-	-
Pneumonia (490-493)	6	20.7	6	-	-	13	37.2	6	2	5	8	31.2	8	-	-
Bronchitis (500-502)	2	6.9	2	-	-	3	8.6	3	-	-	1	3.9	1	-	-
Ulcer of stomach and duodenum (540, 541)	1	3.4	1	-	-	3	8.6	3	-	-	1	3.9	1	-	-
Appendicitis (550-553)	-	-	-	-	-	1	2.9	1	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	3	10.3	3	-	-	1	2.9	1	-	-	2	7.8	2	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	3.4	1	-	-	5	14.3	2	-	3	1	3.9	1	-	-
Cirrhosis of liver (581)	4	13.8	4	-	-	3	8.6	2	-	1	3	11.7	3	-	-
Nephritis and nephrosis (590-594)	11	37.9	10	1	-	7	20.0	7	-	-	1	3.9	-	1	-
Hyperplasia of prostate (610)	1	3.4	1	-	-	5	14.3	5	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	1	2.0	1	-	-
Congenital malformations (750-759)	6	20.7	6	-	-	5	14.3	4	-	1	-	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	4	13.8	4	-	-	6	17.2	6	-	-	3	11.7	1	-	2
Infections of the newborn (763-768)	2	6.9	2	-	-	2	5.7	2	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	7	24.1	7	-	-	3	8.6	2	-	1	9	35.1	9	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	11	37.9	10	-	1	8	22.9	7	-	1	7	27.3	5	1	1
All other diseases (Residual)	17	58.6	17	-	-	22	63.0	18	1	3	25	97.5	22	2	1
Motor vehicle accidents (E810-E835)	3	10.3	2	1	-	4	11.5	4	-	-	4	15.6	4	-	-
All other accidents (E800-E802, E840-E962)	12	41.4	12	-	-	14	40.1	12	-	2	13	50.7	12	1	-
Suicide and self-inflicted injury (E963, E970-E979)	-	-	-	-	-	2	5.7	2	-	-	3	11.7	3	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	2	5.7	2	-	-	-	-	-	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	CARTER					CHEROKEE					CHOCTAW				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	36,455		Wh.	Neg.	Ind.	18,989		Wh.	Neg.	Ind.	20,405		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	797	21.9	711	66	20	435	22.9	323	4	108	451	22.1	295	125	31
Physician in hospital	624	...	577	29	18	342	...	240	1	101	229	...	197	10	22
Physician in home	149	...	130	18	1	72	...	70	2	-	110	...	88	16	6
Midwife, other, or unknown	24	...	4	19	1	21	...	12	1	7	112	...	10	99	3
Stillbirths †	21	26.3	14	5	2	2	4.6	2	-	-	10	22.2	6	4	-
Physician in hospital	16	...	12	2	2	1	...	1	-	-	4	...	3	1	-
Physician in home	4	...	2	2	-	1	...	1	-	-	4	...	3	1	-
Midwife, other, or unknown	1	...	-	1	-	-	...	-	-	-	2	...	-	2	-
Total deaths, all causes*	368	10.1	319	37	12	142	7.5	111	3	28	224	11.0	162	48	14
Deaths under 1 year †	29	36.4	21	4	4	13	29.9	6	1	6	17	37.7	12	4	1
Deaths under 1 month †	20	25.1	14	3	3	10	23.0	4	1	5	15	33.3	11	3	1
Tuberculosis of respiratory system (001-008)	7	19.2	6	-	1	5	26.3	3	-	2	6	29.4	3	2	1
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	3	8.2	1	2	-	-	-	-	-	-	4	19.6	2	1	1
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	1	5.3	-	-	1	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	1	2.7	1	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	1	5.3	-	1	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	1	5.3	1	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	51	139.9	47	3	1	18	94.8	15	-	3	26	127.4	21	2	3
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	1	5.3	1	-	-	-	-	-	-	-
Diabetes mellitus (260)	5	13.7	2	2	1	2	10.5	1	-	1	2	9.8	2	-	-
Anemias (290-293)	2	5.5	2	-	-	2	10.5	2	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	55	150.9	52	3	-	10	52.7	9	-	1	29	142.1	18	11	-
Nonmeningococcal meningitis (340)	1	2.7	-	1	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	2	5.5	2	-	-	1	5.3	1	-	-	1	4.9	1	-	-
Arteriosclerotic and degenerative heart disease (420-422)	85	233.2	81	1	3	25	131.7	22	-	3	38	186.2	29	6	3
Other diseases of heart (430-434)	13	35.7	12	1	-	6	31.6	5	-	1	11	53.9	9	2	-
Hypertension with heart disease (440-443)	21	57.6	19	2	-	12	63.2	8	-	4	15	73.5	8	6	1
Hypertension without mention of heart (444-447)	6	16.5	6	-	-	1	5.3	1	-	-	-	-	-	-	-
Influenza (480-483)	4	11.0	2	2	-	2	10.5	1	-	1	4	19.6	2	2	-
Pneumonia (490-493)	6	16.5	3	2	1	7	36.9	5	1	1	14	68.6	9	3	2
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	1	4.9	1	-	-
Ulcer of stomach and duodenum (540, 541)	3	8.2	3	-	-	1	5.3	-	-	1	2	9.8	1	-	1
Appendicitis (550-553)	1	2.7	-	1	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	2	5.5	2	-	-	2	10.5	2	-	-	1	4.9	1	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	2	5.5	2	-	-	2	10.5	2	-	-	1	4.9	-	-	1
Cirrhosis of liver (581)	3	8.2	3	-	-	1	5.3	1	-	-	1	4.9	1	-	-
Nephritis and nephrosis (590-594)	13	35.7	8	5	-	3	15.8	1	-	2	3	14.7	2	1	-
Hyperplasia of prostate (610)	1	2.7	-	1	-	3	15.8	3	-	-	3	14.7	2	1	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	3	8.2	3	-	-	2	10.5	1	-	1	6	29.4	6	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	6	16.5	5	1	-	2	10.5	2	-	-	2	9.8	1	-	1
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	11	30.2	5	3	3	6	31.6	2	1	3	7	34.3	5	2	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	7	19.2	6	1	-	5	26.3	5	-	-	9	44.1	6	3	-
All other diseases (Residual)	24	65.8	18	5	1	8	42.1	8	-	-	15	73.5	13	2	-
Motor vehicle accidents (E810-E835)	8	21.9	8	-	-	3	15.8	2	-	1	6	29.4	6	-	-
All other accidents (E800-E802, E840-E962)	15	41.1	14	-	1	6	31.6	4	-	2	15	73.5	13	2	-
Suicide and self-inflicted injury (E963, E970-E979)	3	8.2	3	-	-	3	15.8	3	-	-	-	-	-	-	-
Homicide and operations of war (E964, E965, E980-E999)	4	11.0	3	1	-	-	-	-	-	-	2	9.8	-	2	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	CIMARRON					CLEVELAND					COAL				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	4,589		Wh.	Neg.	Ind.	41,443		Wh.	Neg.	Ind.	8,056		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	119	25.9	117	-	2	882	21.3	869	-	13	141	17.5	130	4	7
Physician in hospital	86	...	86	-	-	840	...	832	-	8	74	...	71	-	3
Physician in home	32	...	30	-	2	36	...	35	-	1	63	...	55	4	4
Midwife, other, or unknown	1	...	1	-	-	6	...	2	-	4	4	...	4	-	-
Stillbirths †	1	8.4	1	-	-	10	11.3	10	-	-	-	-	-	-	-
Physician in hospital	-	...	-	-	-	10	...	10	-	-	-	...	-	-	-
Physician in home	1	...	1	-	-	-	...	-	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	31	6.8	31	-	-	269	6.5	266	-	3	76	9.4	70	4	2
Deaths under 1 year †	4	33.6	4	-	-	30	34.0	29	-	1	5	35.5	5	-	-
Deaths under 1 month †	1	8.4	1	-	-	21	23.8	21	-	-	3	21.3	3	-	-
Tuberculosis of respiratory system (001-008)	1	21.8	1	-	-	5	12.1	5	-	-	1	12.4	1	-	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	2	24.8	2	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	2	43.6	2	-	-	37	89.3	37	-	-	12	149.0	12	-	-
Benign and unspecified neoplasms (210-239)	1	21.8	1	-	-	-	-	-	-	-	1	12.4	1	-	-
Diabetes mellitus (260)	1	21.8	1	-	-	2	4.8	2	-	-	-	-	-	-	-
Anemias (290-293)	-	-	-	-	-	1	2.4	1	-	-	1	12.4	1	-	-
Vascular lesions affecting central nervous system (330-334)	3	65.4	3	-	-	35	84.5	35	-	-	13	161.4	11	2	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	2	43.6	2	-	-	2	4.8	2	-	-	2	24.8	1	1	-
Arteriosclerotic and degenerative heart disease (420-422)	4	87.2	4	-	-	76	183.4	75	-	1	19	235.8	18	1	-
Other diseases of heart (430-434)	1	21.8	1	-	-	3	7.2	3	-	-	1	12.4	1	-	-
Hypertension with heart disease (440-443)	1	21.8	1	-	-	7	16.9	7	-	-	1	12.4	1	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	1	2.4	1	-	-	2	24.8	1	-	1
Influenza (480-483)	-	-	-	-	-	2	4.8	2	-	-	-	-	-	-	-
Pneumonia (490-493)	2	43.6	2	-	-	12	29.0	12	-	-	-	-	-	-	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (550-553)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	2	43.6	2	-	-	3	7.2	3	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	1	2.4	-	-	1	-	-	-	-	-
Cirrhosis of liver (581)	1	21.8	1	-	-	-	-	-	-	-	2	24.8	2	-	-
Nephritis and nephrosis (590-594)	2	43.6	2	-	-	4	9.7	4	-	-	-	-	-	-	-
Hyperplasia of prostate (610)	-	-	-	-	-	-	-	-	-	-	1	12.4	1	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	1	8.4	1	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	-	-	-	-	-	6	14.5	6	-	-	1	12.4	1	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	5	12.1	5	-	-	1	12.4	1	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	1	12.4	1	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	2	43.6	2	-	-	11	26.5	11	-	-	2	24.8	2	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	1	21.8	1	-	-	4	9.7	4	-	-	4	49.7	3	-	1
All other diseases (Residual)	2	43.6	2	-	-	26	62.7	26	-	-	5	62.1	5	-	-
Motor vehicle accidents (E810-E835)	-	-	-	-	-	6	14.5	6	-	-	2	24.8	2	-	-
All other accidents (E800-E802, E840-E962)	2	43.6	2	-	-	12	29.0	11	-	1	1	12.4	1	-	-
Suicide and self-inflicted injury (E963, E970-E979)	-	-	-	-	-	4	9.7	4	-	-	1	12.4	1	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	1	2.4	1	-	-	-	-	-	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	COMANCHE					COTTON					CRAIG				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	55,165		Wh.	Neg.	Ind.	10,180		Wh.	Neg.	Ind.	18,263		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	1330	24.1	1119	117	94	225	22.1	204	11	10	305	16.7	281	16	8
Physician in hospital	1133	...	1013	27	93	172	...	162	1	9	279	...	264	7	8
Physician in home	168	...	102	65	1	51	...	42	8	1	24	...	17	7	-
Midwife, other, or unknown	29	...	4	25	-	2	...	-	2	-	2	...	-	2	-
Stillbirths †	20	15.0	16	1	3	6	26.7	4	2	-	8	26.2	8	-	-
Physician in hospital	16	...	13	-	3	2	...	2	-	-	6	...	6	-	-
Physician in home	4	...	3	1	-	4	...	2	2	-	2	...	2	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	360	6.5	314	33	13	100	9.8	95	4	1	167	9.1	155	7	5
Deaths under 1 year †	71	53.4	55	11	5	7	31.1	6	1	-	17	55.7	15	1	1
Deaths under 1 month †	49	36.8	39	7	3	6	26.7	6	-	-	10	32.8	9	-	1
Tuberculosis of respiratory system (001-008)	11	19.9	8	1	2	3	29.5	2	-	1	7	38.3	7	-	-
Tuberculosis, other forms (010-019)	1	1.8	-	1	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	2	3.6	1	1	-	1	9.8	1	-	-	2	11.0	2	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	1	1.8	1	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	1	1.8	1	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	1	1.8	1	-	-	-	-	-	-	-	1	5.5	1	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	1	5.5	1	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	3	5.4	3	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	39	70.7	37	1	1	18	176.8	18	-	-	25	136.9	22	2	1
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (260)	3	5.4	3	-	-	1	9.8	1	-	-	2	11.0	2	-	-
Anemias (290-293)	1	1.8	1	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	29	52.6	28	1	-	13	127.7	12	1	-	24	131.4	22	2	-
Nonmeningococcal meningitis (340)	1	1.8	1	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	1	1.8	-	-	1	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	1	1.8	1	-	-	-	-	-	-	-	1	5.5	1	-	-
Arteriosclerotic and degenerative heart disease (420-422)	71	128.7	65	3	3	21	206.3	20	1	-	28	153.3	27	-	1
Other diseases of heart (430-434)	11	19.9	9	2	-	7	68.8	7	-	-	3	16.4	3	-	-
Hypertension with heart disease (440-443)	10	18.1	8	2	-	1	9.8	1	-	-	11	60.2	10	-	1
Hypertension without mention of heart (444-447)	4	7.3	3	1	-	-	-	-	-	-	1	5.5	1	-	-
Influenza (480-483)	3	5.4	3	-	-	-	-	-	-	-	2	11.0	2	-	-
Pneumonia (490-493)	16	29.0	13	3	-	2	19.6	1	1	-	8	43.8	7	1	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	2	3.6	1	1	-	-	-	-	-	-	1	5.5	1	-	-
Appendicitis (550-553)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	2	3.6	2	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	4	7.3	3	1	-	-	-	-	-	-	1	5.5	1	-	-
Cirrhosis of liver (581)	1	1.8	1	-	-	1	9.8	1	-	-	1	5.5	-	1	-
Nephritis and nephrosis (590-594)	4	7.3	3	1	-	4	39.3	4	-	-	1	5.5	1	-	-
Hyperplasia of prostate (610)	3	5.4	3	-	-	2	19.6	2	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	1	0.8	1	-	-	2	8.9	2	-	-	-	-	-	-	-
Congenital malformations (750-759)	9	16.3	9	-	-	-	-	-	-	-	5	27.4	5	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	19	34.4	15	2	2	2	19.6	2	-	-	3	16.4	2	-	1
Infections of the newborn (763-768)	3	5.4	2	-	1	1	9.8	1	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	25	45.3	19	5	1	2	19.6	2	-	-	6	32.9	6	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	8	14.5	7	1	-	2	19.6	1	1	-	6	32.9	6	-	-
All other diseases (Residual)	30	54.4	25	4	1	9	88.4	9	-	-	18	98.6	17	1	-
Motor vehicle accidents (E810-E835)	10	18.1	9	-	1	3	29.5	3	-	-	1	5.5	1	-	-
All other accidents (E800-E802, E840-E962)	20	36.3	19	1	-	3	29.5	3	-	-	5	27.4	4	-	1
Suicide and self-inflicted injury (E963, E970-E979)	6	10.9	6	-	-	1	9.8	1	-	-	3	16.4	3	-	-
Homicide and operations of war (E964, E965, E980-E999)	3	5.4	2	1	-	1	9.8	1	-	-	-	-	-	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	CREEK					CUSTER					DELAWARE				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	43,143		Wh.	Neg.	Ind.	21,097		Wh.	Neg.	Ind.	14,734		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	906	21.0	750	112	44	495	23.5	437	23	35	254	17.2	194	-	60
Physician in hospital	686	...	615	33	38	459	...	401	23	35	158	...	111	-	47
Physician in home	160	...	122	36	2	35	...	35	-	-	78	...	74	-	4
Midwife, other, or unknown	60	...	13	43	4	1	...	1	-	-	18	...	9	-	9
Stillbirths †	21	23.2	16	4	1	6	12.1	6	-	-	8	31.5	5	-	3
Physician in hospital	17	...	14	2	1	6	...	6	-	-	4	...	2	-	2
Physician in home	3	...	2	1	-	-	...	-	-	-	2	...	2	-	-
Midwife, other, or unknown	1	...	-	1	-	-	...	-	-	-	2	...	1	-	1
Total deaths, all causes*	385	8.9	316	62	7	170	8.1	149	12	9	120	8.1	105	-	15
Deaths under 1 year †	33	36.4	24	8	1	14	28.3	11	1	2	4	15.7	2	-	2
Deaths under 1 month †	20	22.1	15	5	-	10	20.2	10	-	-	3	11.8	2	-	1
Tuberculosis of respiratory system (001-008)	10	23.2	8	2	-	5	23.7	2	-	3	11	74.7	6	-	5
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	1	2.3	1	-	-	1	4.7	1	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	1	4.7	-	-	1	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	1	2.3	1	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	1	2.3	1	-	-	-	-	-	-	-	1	6.8	-	-	1
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	41	95.0	36	5	-	22	104.3	19	2	1	23	156.1	22	-	1
Benign and unspecified neoplasms (210-239)	1	2.3	1	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (260)	7	16.2	4	3	-	4	19.0	3	1	-	2	13.6	2	-	-
Anemias (290-293)	2	4.6	2	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	50	115.9	41	8	1	19	90.1	17	1	1	9	61.1	9	-	-
Nonmeningococcal meningitis (340)	2	4.6	2	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	5	11.6	4	1	-	2	9.5	1	-	1	1	6.8	1	-	-
Arteriosclerotic and degenerative heart disease (420-422)	87	201.7	75	10	2	41	194.3	37	4	-	17	115.4	17	-	-
Other diseases of heart (430-434)	16	37.1	15	1	-	1	4.7	1	-	-	6	40.7	5	-	1
Hypertension with heart disease (440-443)	12	27.8	9	3	-	6	28.4	5	1	-	6	40.7	6	-	-
Hypertension without mention of heart (444-447)	1	2.3	1	-	-	2	9.5	2	-	-	-	-	-	-	-
Influenza (480-483)	10	23.2	6	3	1	1	4.7	1	-	-	3	20.4	3	-	-
Pneumonia (490-493)	10	23.2	5	5	-	6	28.4	6	-	-	8	54.3	7	-	1
Bronchitis (500-502)	1	2.3	1	-	-	-	-	-	-	-	2	13.6	2	-	-
Ulcer of stomach and duodenum (540, 541)	5	11.6	4	1	-	2	9.5	2	-	-	-	-	-	-	-
Appendicitis (550-553)	-	-	-	-	-	1	4.7	1	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	5	11.6	4	1	-	2	9.5	2	-	-	1	6.8	1	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	2	4.6	1	-	1	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (581)	3	7.0	3	-	-	1	4.7	1	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	9	20.9	7	2	-	2	9.5	2	-	-	3	20.4	3	-	-
Hyperplasia of prostate (610)	2	4.6	2	-	-	4	19.0	3	1	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	1	1.1	-	1	-	-	-	-	-	-	1	3.9	-	-	1
Congenital malformations (750-759)	7	16.2	6	1	-	2	9.5	1	-	1	-	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	6	13.9	5	1	-	5	23.7	5	-	-	1	6.8	1	-	-
Infections of the newborn (763-768)	1	2.3	-	1	-	1	4.7	1	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	10	23.2	7	3	-	4	19.0	3	-	1	2	13.6	1	-	1
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	12	27.8	8	4	-	3	14.2	2	1	-	4	27.1	1	-	3
All other diseases (Residual)	29	67.2	23	5	1	16	75.8	16	-	-	13	88.2	12	-	1
Motor vehicle accidents (E810-E835)	6	13.9	6	-	-	7	33.2	7	-	-	4	27.1	4	-	-
All other accidents (E800-E802, E840-E962)	25	57.9	24	1	-	8	37.9	7	1	-	2	13.6	2	-	-
Suicide and self-inflicted injury (E963, E970-E979)	4	9.3	3	-	1	1	4.7	1	-	-	-	-	-	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	DEWEY					ELLIS					GARFIELD				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	8,789		Wh.	Neg.	Ind.	7,326		Wh.	Neg.	Ind.	52,820		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	140	15.9	134	-	6	127	17.3	127	-	-	1384	26.2	1321	62	1
Physician in hospital	109	...	103	-	6	121	...	121	-	-	1360	...	1299	60	1
Physician in home	25	...	25	-	-	6	...	6	-	-	21	...	19	2	-
Midwife, other, or unknown	6	...	6	-	-	-	...	-	-	-	3	...	3	-	-
Stillbirths †	2	14.3	1	-	1	4	31.5	4	-	-	19	13.7	16	3	-
Physician in hospital	2	...	1	-	1	2	...	2	-	-	18	...	15	3	-
Physician in home	-	...	-	-	-	2	...	2	-	-	1	...	1	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	64	7.3	62	-	2	70	9.6	70	-	-	446	8.4	430	16	-
Deaths under 1 year †	5	35.7	5	-	-	2	15.7	2	-	-	40	28.9	38	2	-
Deaths under 1 month †	4	28.6	4	-	-	-	-	-	-	-	33	23.8	32	1	-
Tuberculosis of respiratory system (001-008)	-	-	-	-	-	1	13.7	1	-	-	3	5.7	2	1	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	1	13.7	1	-	-	2	3.8	2	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	1	1.9	1	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	3	5.7	3	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	6	68.3	6	-	-	6	81.9	6	-	-	61	115.5	60	1	-
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	-	-	-	-	-	1	1.9	1	-	-
Diabetes mellitus (260)	1	11.4	1	-	-	1	13.7	1	-	-	9	17.0	9	-	-
Anemias (290-293)	-	-	-	-	-	-	-	-	-	-	2	3.8	2	-	-
Vascular lesions affecting central nervous system (330-334)	8	91.0	8	-	-	4	54.6	4	-	-	67	126.8	65	2	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Rheumatic fever (400-402)	1	11.4	1	-	-	-	-	-	-	-	-	-	-	-	-
2 Chronic rheumatic heart disease (410-416)	2	22.8	2	-	-	-	-	-	-	-	4	7.6	4	-	-
3 Arteriosclerotic and degenerative heart disease (420-422)	14	159.3	13	-	1	22	300.3	22	-	-	109	206.4	106	3	-
4 Other diseases of heart (430-434)	-	-	-	-	-	1	13.7	1	-	-	14	26.5	14	-	-
5 Hypertension with heart disease (440-443)	3	34.1	3	-	-	5	68.3	5	-	-	16	30.3	15	1	-
Hypertension without mention of heart (444-447)	6	68.3	6	-	-	2	27.3	2	-	-	3	5.7	3	-	-
Influenza (480-483)	1	11.4	1	-	-	-	-	-	-	-	4	7.6	4	-	-
Pneumonia (490-493)	1	11.4	1	-	-	5	68.3	5	-	-	5	9.5	5	-	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	1	1.9	1	-	-
Ulcer of stomach and duodenum (540, 541)	1	11.4	1	-	-	2	27.3	2	-	-	2	3.8	2	-	-
Appendicitis (550-553)	-	-	-	-	-	1	13.7	1	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	-	-	-	-	-	5	9.5	5	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	1	13.7	1	-	-	2	3.8	1	1	-
Cirrhosis of liver (581)	-	-	-	-	-	-	-	-	-	-	2	3.8	2	-	-
Nephritis and nephrosis (590-594)	1	11.4	1	-	-	2	27.3	2	-	-	12	22.7	10	2	-
Hyperplasia of prostate (610)	-	-	-	-	-	1	13.7	1	-	-	5	9.5	5	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	1	0.7	1	-	-
Congenital malformations (750-759)	1	11.4	1	-	-	-	-	-	-	-	4	7.6	4	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	2	22.8	2	-	-	-	-	-	-	-	8	15.1	8	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	2	22.8	2	-	-	-	-	-	-	-	21	39.8	20	1	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	2	22.8	2	-	-	3	41.0	3	-	-	2	3.8	2	-	-
All other diseases (Residual)	3	34.1	2	-	1	8	109.2	8	-	-	38	71.9	36	2	-
Motor vehicle accidents (E810-E835)	2	22.8	2	-	-	2	27.3	2	-	-	18	34.1	17	1	-
All other accidents (E800-E802, E840-E962)	5	56.9	5	-	-	2	27.3	2	-	-	17	32.2	16	1	-
Suicide and self-inflicted injury (E963, E970-E979)	2	22.8	2	-	-	-	-	-	-	-	3	5.7	3	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	-	-	-	-	-	1	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, 1950
(Continued)

	GARVIN					GRADY					GRANT				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	29,500		Wh.	Neg.	Ind.	34,872		Wh.	Neg.	Ind.	10,461		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	702	23.8	668	28	6	703	20.2	668	32	3	200	19.1	200	-	-
Physician in hospital	640	...	628	7	5	555	...	545	7	3	199	...	199	-	-
Physician in home	56	...	39	16	1	144	...	120	24	-	1	...	1	-	-
Midwife, other, or unknown	6	...	1	5	-	4	...	3	1	-	-	...	-	-	-
Stillbirths †	8	11.4	8	-	-	14	19.9	14	-	-	-	-	-	-	-
Physician in hospital	8	...	8	-	-	12	...	12	-	-	-	...	-	-	-
Physician in home	-	...	-	-	-	2	...	2	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	235	8.0	215	17	3	281	8.1	259	20	2	101	9.7	101	-	-
Deaths under 1 year †	20	28.5	18	1	1	18	25.6	15	3	-	2	10.0	2	-	-
Deaths under 1 month †	13	18.5	11	1	1	13	18.5	13	-	-	2	10.0	2	-	-
Tuberculosis of respiratory system (001-008)	6	20.3	6	-	-	4	11.5	2	2	-	-	-	-	-	-
Tuberculosis, other forms (010-019)	1	3.4	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	1	2.9	1	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	1	3.4	1	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	1	2.9	1	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	2	6.8	1	1	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	3.4	-	1	-	1	2.9	-	1	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	33	111.9	31	2	-	40	114.7	38	1	1	13	124.3	13	-	-
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	3	8.6	3	-	-	-	-	-	-	-
Diabetes mellitus (260)	3	10.2	3	-	-	2	5.7	2	-	-	5	47.8	5	-	-
Anemias (290-293)	1	3.4	1	-	-	1	2.9	1	-	-	1	9.6	1	-	-
Vascular lesions affecting central nervous system (330-334)	26	88.1	23	3	-	27	77.4	25	2	-	13	124.3	13	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	2	5.7	2	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	1	2.9	1	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	2	6.8	2	-	-	3	8.6	1	2	-	1	9.6	1	-	-
Arteriosclerotic and degenerative heart disease (420-422)	56	189.8	51	4	1	61	174.9	59	2	-	35	334.6	35	-	-
Other diseases of heart (430-434)	4	13.6	4	-	-	8	22.9	7	1	-	3	28.7	3	-	-
Hypertension with heart disease (440-443)	10	33.9	9	-	1	22	63.1	21	1	-	2	19.1	2	-	-
Hypertension without mention of heart (444-447)	4	13.6	4	-	-	2	5.7	2	-	-	1	9.6	1	-	-
Influenza (480-483)	-	-	-	-	-	7	20.1	7	-	-	3	28.7	3	-	-
Pneumonia (490-493)	9	30.5	9	-	-	4	11.5	4	-	-	1	9.6	1	-	-
Bronchitis (500-502)	2	6.8	2	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	2	6.8	2	-	-	2	5.7	2	-	-	-	-	-	-	-
Appendicitis (550-553)	2	6.8	2	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	1	3.4	1	-	-	1	2.9	1	-	-	1	9.6	1	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	3.4	1	-	-	1	2.9	1	-	-	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	2	5.7	2	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	3	10.2	2	1	-	5	14.3	5	-	-	2	19.1	2	-	-
Hyperplasia of prostate (610)	-	-	-	-	-	4	11.5	4	-	-	3	28.7	3	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	1	1.4	1	-	-	-	-	-	-	-
Congenital malformations (750-759)	4	13.6	4	-	-	2	5.7	2	-	-	1	9.6	1	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	2	6.8	2	-	-	5	14.3	5	-	-	1	9.6	1	-	-
Infections of the newborn (763-768)	2	6.8	2	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	7	23.7	5	1	1	7	20.1	7	-	-	-	-	-	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	4	13.6	4	-	-	4	11.5	4	-	-	2	19.1	2	-	-
All other diseases (Residual)	21	71.2	17	4	-	33	94.6	28	5	-	7	66.9	7	-	-
Motor vehicle accidents (E810-E835)	7	23.7	7	-	-	8	22.9	6	1	1	1	9.6	1	-	-
All other accidents (E800-E802, E840-E962)	15	50.8	15	-	-	9	25.8	8	1	-	3	28.7	3	-	-
Suicide and self-inflicted injury (E963, E970-E979)	2	6.8	2	-	-	3	8.6	3	-	-	2	19.1	2	-	-
Homicide and operations of war (E964, E965, E980-E999)	1	3.4	1	-	-	4	11.5	3	1	-	-	-	-	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	GREER					HARMON					HARPER				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	11,749		Wh.	Neg.	Ind.	8,079		Wh.	Neg.	Ind.	5,977		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	229	19.5	213	15	1	157	19.4	150	6	1	118	19.7	118	-	-
Physician in hospital	207	...	199	7	1	137	...	136	-	1	95	...	95	-	-
Physician in home	22	...	14	8	-	20	...	14	6	-	23	...	23	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Stillbirths †	5	21.8	4	1	-	3	19.1	3	-	-	-	-	-	-	-
Physician in hospital	4	...	4	-	-	3	...	3	-	-	-	...	-	-	-
Physician in home	1	...	-	1	-	-	...	-	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	112	9.5	104	8	-	62	7.7	62	-	-	49	8.2	49	-	-
Deaths under 1 year †	5	21.8	4	1	-	5	31.8	5	-	-	2	16.9	2	-	-
Deaths under 1 month †	5	21.8	4	1	-	2	12.7	2	-	-	2	16.9	2	-	-
Tuberculosis of respiratory system (001-008)	3	25.5	3	-	-	1	12.4	1	-	-	-	-	-	-	-
Tuberculosis, other forms (010-019)	1	8.5	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	1	8.5	1	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	1	12.4	1	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	15	127.7	14	1	-	6	74.3	6	-	-	4	66.9	4	-	-
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	1	12.4	1	-	-	-	-	-	-	-
Diabetes mellitus (260)	-	-	-	-	-	1	12.4	1	-	-	2	33.5	2	-	-
Anemias (290-293)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	9	76.6	9	-	-	9	111.4	9	-	-	9	150.6	9	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	1	12.4	1	-	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	20	170.2	19	1	-	9	111.4	9	-	-	11	184.0	11	-	-
Other diseases of heart (430-434)	4	34.0	4	-	-	1	12.4	1	-	-	-	-	-	-	-
Hypertension with heart disease (440-443)	6	51.1	6	-	-	1	12.4	1	-	-	2	33.5	2	-	-
Hypertension without mention of heart (444-447)	3	25.5	3	-	-	-	-	-	-	-	-	-	-	-	-
Influenza (480-483)	1	8.5	1	-	-	-	-	-	-	-	1	16.7	1	-	-
Pneumonia (490-493)	2	17.0	2	-	-	6	74.3	6	-	-	-	-	-	-	-
Bronchitis (500-502)	1	8.5	1	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	1	12.4	1	-	-	1	16.7	1	-	-
Appendicitis (550-553)	1	8.5	1	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	1	8.5	1	-	-	1	12.4	1	-	-	3	50.2	3	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	1	12.4	1	-	-	-	-	-	-	-
Cirrhosis of liver (581)	1	8.5	1	-	-	-	-	-	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	2	17.0	2	-	-	-	-	-	-	-	1	16.7	1	-	-
Hyperplasia of prostate (610)	1	8.5	-	1	-	-	-	-	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	2	17.0	2	-	-	2	24.8	2	-	-	1	16.7	1	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	-	-	-	-	-	2	33.5	2	-	-
Infections of the newborn (763-768)	1	8.5	1	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	2	17.0	1	1	-	-	-	-	-	-	-	-	-	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	5	42.6	3	2	-	5	61.9	5	-	-	2	33.5	2	-	-
All other diseases (Residual)	13	110.6	12	1	-	9	111.4	9	-	-	4	66.9	4	-	-
Motor vehicle accidents (E810-E835)	8	68.1	7	1	-	-	-	-	-	-	1	16.7	1	-	-
All other accidents (E800-E802, E840-E962)	8	68.1	8	-	-	6	74.3	6	-	-	3	50.2	3	-	-
Suicide and self-inflicted injury (E963, E970-E979)	-	-	-	-	-	-	-	-	-	-	2	33.5	2	-	-
Homicide and operations of war (E964, E965, E980-E999)	1	8.5	1	-	-	-	-	-	-	-	-	-	-	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	HASKELL					HUGHES					JACKSON				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	13,313		Wh.	Neg.	Ind.	20,664		Wh.	Neg.	Ind.	20,082		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	274	20.6	259	1	14	435	21.1	351	37	47	463	23.1	421	42	-
Physician in hospital	52	...	46	-	6	316	...	268	11	37	402	...	385	17	-
Physician in home	217	...	209	-	8	104	...	79	16	9	61	...	36	25	-
Midwife, other, or unknown	5	...	4	1	-	15	...	4	10	1	-	...	-	-	-
Stillbirths †	4	14.6	4	-	-	6	13.8	2	1	3	3	6.5	3	-	-
Physician in hospital	-	...	-	-	-	3	...	2	1	-	3	...	3	-	-
Physician in home	4	...	4	-	-	3	...	-	-	3	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	117	8.8	110	2	5	212	10.3	181	17	14	177	8.8	164	13	-
Deaths under 1 year †	13	47.4	11	-	2	16	36.8	9	5	2	9	19.4	6	3	-
Deaths under 1 month †	10	36.5	8	-	2	10	23.0	6	4	-	5	10.8	4	1	-
Tuberculosis of respiratory system (001-008)	4	30.0	3	-	1	8	38.7	8	-	-	3	14.9	3	-	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	1	4.8	1	-	-	2	10.0	1	1	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	11	82.6	11	-	-	24	116.1	18	4	2	24	119.5	24	-	-
Benign and unspecified neoplasms (210-239)	1	7.5	1	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus (260)	3	22.5	3	-	-	1	4.8	1	-	-	3	14.9	3	-	-
Anemias (290-293)	-	-	-	-	-	1	4.8	1	-	-	1	5.0	1	-	-
Vascular lesions affecting central nervous system (330-334)	14	105.2	13	-	1	16	77.4	14	2	-	23	114.5	23	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	1	4.8	1	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	3	22.5	3	-	-	4	19.4	3	1	-	1	5.0	1	-	-
Arteriosclerotic and degenerative heart disease (420-422)	21	157.7	19	2	-	41	198.4	38	1	2	33	164.3	30	3	-
Other diseases of heart (430-434)	5	37.6	4	-	1	3	14.5	3	-	-	4	19.9	3	1	-
Hypertension with heart disease (440-443)	5	37.6	5	-	-	12	58.1	11	1	-	5	24.9	5	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	2	9.7	2	-	-	3	14.9	3	-	-
Influenza (480-483)	3	22.5	3	-	-	3	14.5	3	-	-	1	5.0	1	-	-
Pneumonia (490-493)	4	30.0	4	-	-	10	48.4	9	-	1	9	44.8	8	1	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	1	5.0	1	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	1	4.8	1	-	-	2	10.0	2	-	-
Appendicitis (550-553)	2	15.0	2	-	-	2	9.7	2	-	-	1	5.0	1	-	-
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	6	29.0	6	-	-	2	10.0	2	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	7.5	1	-	-	1	4.8	-	-	1	2	10.0	1	1	-
Cirrhosis of liver (581)	1	7.5	1	-	-	1	4.8	1	-	-	1	5.0	1	-	-
Nephritis and nephrosis (590-594)	1	7.5	1	-	-	6	29.0	3	1	2	9	44.8	9	-	-
Hyperplasia of prostate (610)	-	-	-	-	-	3	14.5	3	-	-	3	14.9	3	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	1	7.5	1	-	-	7	33.9	5	1	1	3	14.9	3	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	3	22.5	3	-	-	1	4.8	-	1	-	1	5.0	-	1	-
Infections of the newborn (763-768)	1	7.5	-	-	1	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	4	30.0	3	-	1	6	29.0	5	1	-	3	14.9	2	1	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	9	67.6	9	-	-	10	48.4	6	1	3	5	24.9	4	1	-
All other diseases (Residual)	9	67.6	9	-	-	13	62.9	13	-	-	17	84.7	16	1	-
Motor vehicle accidents (E810-E835)	2	15.0	2	-	-	9	43.6	8	-	1	5	24.9	5	-	-
All other accidents (E800-E802, E840-E962)	7	52.6	7	-	-	15	72.6	11	3	1	3	14.9	3	-	-
Suicide and self-inflicted injury (E963, E970-E979)	2	15.0	2	-	-	3	14.5	3	-	-	4	19.9	4	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	1	4.8	1	-	-	3	14.9	1	2	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	JEFFERSON					JOHNSTON					KAY				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	11,122		Wh.	Neg.	Ind.	10,608		Wh.	Neg.	Ind.	48,892		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	212	19.1	207	5	-	225	21.2	193	8	24	1108	22.7	1018	32	58
Physician in hospital	158	...	154	4	-	139	...	119	-	20	1067	...	981	28	58
Physician in home	54	...	53	1	-	84	...	73	8	3	41	...	37	4	-
Midwife, other, or unknown	-	...	-	-	-	2	...	1	-	1	-	...	-	-	-
Stillbirths †	4	18.9	4	-	-	6	26.7	6	-	-	22	19.9	21	-	1
Physician in hospital	3	...	3	-	-	5	...	5	-	-	22	...	21	-	1
Physician in home	1	...	1	-	-	1	...	1	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	96	8.6	96	-	-	95	9.0	89	1	5	467	9.6	434	15	18
Deaths under 1 year †	4	18.9	4	-	-	7	31.1	6	-	1	34	30.7	26	2	6
Deaths under 1 month †	3	14.2	3	-	-	6	26.7	5	-	1	24	21.7	22	-	2
Tuberculosis of respiratory system (001-008)	1	9.0	1	-	-	1	9.4	1	-	-	10	20.5	7	1	2
Tuberculosis, other forms (010-019)	-	-	-	-	-	1	9.4	1	-	-	1	2.0	-	1	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	4	8.2	4	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	1	9.4	1	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	1	9.4	1	-	-	1	2.0	1	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	21	188.8	21	-	-	13	122.5	13	-	-	74	151.4	74	-	-
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	-	-	-	-	-	3	6.1	3	-	-
Diabetes mellitus (260)	1	9.0	1	-	-	1	9.4	1	-	-	6	12.3	5	1	-
Anemias (290-293)	-	-	-	-	-	-	-	-	-	-	1	2.0	1	-	-
Vascular lesions affecting central nervous system (330-334)	16	143.9	16	-	-	9	84.8	9	-	-	57	116.6	53	2	2
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	2	18.0	2	-	-	-	-	-	-	-	6	12.3	6	-	-
Arteriosclerotic and degenerative heart disease (420-422)	20	179.8	20	-	-	32	301.7	29	-	3	116	237.3	109	2	5
Other diseases of heart (430-434)	2	18.0	2	-	-	6	56.6	6	-	-	6	12.3	5	-	1
Hypertension with heart disease (440-443)	7	62.9	7	-	-	2	18.9	2	-	-	19	38.9	18	1	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	-	-	-	-	4	8.2	4	-	-
Influenza (480-483)	3	27.0	3	-	-	1	9.4	-	1	-	5	10.2	3	2	-
Pneumonia (490-493)	1	9.0	1	-	-	1	9.4	1	-	-	12	24.5	11	-	1
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	1	2.0	1	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	2	4.1	2	-	-
Appendicitis (550-553)	1	9.0	1	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	-	-	-	-	-	3	6.1	3	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	9.0	1	-	-	-	-	-	-	-	4	8.2	1	-	3
Cirrhosis of liver (581)	1	9.0	1	-	-	-	-	-	-	-	4	8.2	4	-	-
Nephritis and nephrosis (590-594)	1	9.0	1	-	-	2	18.9	2	-	-	13	26.6	13	-	-
Hyperplasia of prostate (610)	1	9.0	1	-	-	-	-	-	-	-	4	8.2	4	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	1	0.9	1	-	-
Congenital malformations (750-759)	1	9.0	1	-	-	-	-	-	-	-	9	18.4	8	1	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	2	18.0	2	-	-	3	28.3	3	-	-	9	18.4	9	-	-
Infections of the newborn (763-768)	-	-	-	-	-	1	9.4	1	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	1	9.0	1	-	-	1	9.4	1	-	-	8	16.4	6	-	2
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	2	18.0	2	-	-	3	28.3	3	-	-	13	26.6	10	1	2
All other diseases (Residual)	6	53.9	6	-	-	8	75.4	7	-	1	31	63.4	30	1	-
Motor vehicle accidents (E810-E835)	2	18.0	2	-	-	-	-	-	-	-	19	38.9	19	-	-
All other accidents (E800-E802, E840-E962)	3	27.0	3	-	-	4	37.7	3	-	1	18	36.8	16	2	-
Suicide and self-inflicted injury (E963, E970-E979)	-	-	-	-	-	1	9.4	1	-	-	2	4.1	2	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	3	28.3	3	-	-	1	2.0	1	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	KINGFISHER					KIOWA					LATIMER				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	12,860		Wh.	Neg.	Ind.	18,926		Wh.	Neg.	Ind.	9,690		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	243	18.9	214	18	11	400	21.1	344	26	30	196	20.2	165	2	29
Physician in hospital	217	...	200	6	11	341	...	295	17	29	94	...	71	-	23
Physician in home	23	...	14	9	-	58	...	48	9	1	101	...	93	2	6
Midwife, other, or unknown	3	...	-	3	-	1	...	1	-	-	1	...	1	-	-
Stillbirths †	3	12.3	3	-	-	5	12.5	5	-	-	5	25.5	5	-	-
Physician in hospital	3	...	3	-	-	4	...	4	-	-	3	...	3	-	-
Physician in home	-	...	-	-	-	1	...	1	-	-	2	...	2	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	127	9.9	116	10	1	175	9.2	166	5	4	64	6.6	62	2	-
Deaths under 1 year †	4	16.5	3	-	1	9	22.5	8	1	-	4	20.4	4	-	-
Deaths under 1 month †	3	12.3	3	-	-	6	15.0	6	-	-	3	15.3	3	-	-
Tuberculosis of respiratory system (001-008)	1	7.8	1	-	-	-	-	-	-	-	1	10.3	-	1	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	1	5.3	1	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	1	10.3	1	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	1	5.3	-	-	1	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	2	10.6	2	-	-	1	10.3	1	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	13	101.1	13	-	-	23	121.5	22	-	1	8	82.6	8	-	-
Benign and unspecified neoplasms (210-239)	1	7.8	1	-	-	1	5.3	1	-	-	-	-	-	-	-
Diabetes mellitus (260)	3	23.3	3	-	-	2	10.6	2	-	-	2	20.6	2	-	-
Anemias (290-293)	2	15.6	1	1	-	-	-	-	-	-	1	10.3	1	-	-
Vascular lesions affecting central nervous system (330-334)	15	116.6	13	2	-	14	74.0	14	-	-	7	72.2	7	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	6	31.7	6	-	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	37	287.7	35	2	-	46	243.1	44	1	1	12	123.8	12	-	-
Other diseases of heart (430-434)	6	46.7	4	2	-	2	10.6	2	-	-	5	51.6	5	-	-
Hypertension with heart disease (440-443)	1	7.8	-	1	-	20	105.7	20	-	-	1	10.3	1	-	-
Hypertension without mention of heart (444-447)	1	7.8	1	-	-	3	15.9	1	2	-	2	20.6	1	1	-
Influenza (480-483)	-	-	-	-	-	-	-	-	-	-	1	10.3	1	-	-
Pneumonia (490-493)	1	7.8	1	-	-	9	47.6	8	1	-	-	-	-	-	-
Bronchitis (500-502)	1	7.8	1	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	2	15.6	2	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (550-553)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	1	7.8	1	-	-	2	10.6	1	-	1	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	-	-	-	-	-	1	10.3	1	-	-
Cirrhosis of liver (581)	1	7.8	1	-	-	2	10.6	2	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	3	23.3	3	-	-	3	15.9	3	-	-	3	31.0	3	-	-
Hyperplasia of prostate (610)	1	7.8	1	-	-	1	5.3	1	-	-	2	20.6	2	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	1	2.5	1	-	-	-	-	-	-	-
Congenital malformations (750-759)	1	7.8	1	-	-	2	10.6	2	-	-	2	20.6	2	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	1	7.8	1	-	-	1	5.3	1	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	1	7.8	-	-	1	4	21.1	4	-	-	3	31.0	3	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	-	-	-	-	-	2	10.6	2	-	-	-	-	-	-	-
All other diseases (Residual)	16	124.4	14	2	-	14	74.0	14	-	-	5	51.6	5	-	-
Motor vehicle accidents (E810-E835)	11	85.5	11	-	-	5	26.4	5	-	-	2	20.6	2	-	-
All other accidents (E800-E802, E840-E962)	4	31.1	4	-	-	6	31.7	6	-	-	3	31.0	3	-	-
Suicide and self-inflicted injury (E963, E970-E979)	3	23.3	3	-	-	1	5.3	1	-	-	1	10.3	1	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	1	5.3	-	1	-	-	-	-	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	LeFLORE					LINCOLN					LOGAN				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	35,276		Wh.	Neg.	Ind.	22,102		Wh.	Neg.	Ind.	22,170		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	721	20.4	658	31	32	443	20.0	386	48	9	417	18.8	316	100	1
Physician in hospital	370	...	344	-	26	256	...	224	23	9	327	...	284	42	1
Physician in home	314	...	298	11	5	170	...	148	22	-	55	...	31	24	-
Midwife, other, or unknown	37	...	16	20	1	17	...	14	3	-	35	...	1	34	-
Stillbirths †	13	18.0	12	-	1	4	9.0	4	-	-	5	12.0	4	1	-
Physician in hospital	4	...	3	-	1	4	...	4	-	-	3	...	3	-	-
Physician in home	9	...	9	-	-	-	...	-	-	-	1	...	1	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	1	...	-	1	-
Total deaths, all causes*	309	8.8	287	13	9	223	10.1	202	20	1	264	11.9	204	60	-
Deaths under 1 year †	22	30.5	21	1	-	18	40.6	15	3	-	13	31.2	8	5	-
Deaths under 1 month †	17	23.6	16	1	-	15	33.9	12	3	-	11	26.4	7	4	-
Tuberculosis of respiratory system (001-008)	12	34.0	12	-	-	7	31.7	7	-	-	5	22.6	3	2	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Syphilis and its sequelae (020-029)	3	8.5	3	-	-	-	-	-	-	-	1	4.5	1	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	2	9.0	-	2	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	2	5.7	2	-	-	1	4.5	1	-	-	2	9.0	1	1	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	40	113.4	37	3	-	28	126.7	26	2	-	48	216.5	40	8	-
Benign and unspecified neoplasms (210-239)	2	5.7	2	-	-	1	4.5	1	-	-	-	-	-	-	-
Diabetes mellitus (260)	5	14.2	4	1	-	1	4.5	1	-	-	4	18.0	3	1	-
Anemias (290-293)	-	-	-	-	-	-	-	-	-	-	1	4.5	1	-	-
Vascular lesions affecting central nervous system (330-334)	31	87.9	29	2	-	30	135.7	29	1	-	35	157.9	26	9	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	1	2.8	1	-	-	2	9.0	2	-	-	8	36.1	6	2	-
Arteriosclerotic and degenerative heart disease (420-422)	59	167.3	55	2	2	48	217.2	44	3	1	54	243.6	48	6	-
Other diseases of heart (430-434)	14	39.7	14	-	-	7	31.7	6	1	-	4	18.0	3	1	-
Hypertension with heart disease (440-443)	16	45.4	14	-	2	14	63.3	13	1	-	14	63.1	9	5	-
Hypertension without mention of heart (444-447)	4	11.3	3	1	-	-	-	-	-	-	4	18.0	3	1	-
Influenza (480-483)	6	17.0	5	-	1	3	13.6	3	-	-	5	22.6	5	-	-
Pneumonia (490-493)	12	34.0	12	-	-	7	31.7	5	2	-	7	31.6	5	2	-
Bronchitis (500-502)	1	2.8	-	-	1	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	1	2.8	1	-	-	-	-	-	-	-	1	4.5	1	-	-
Appendicitis (550-553)	2	5.7	2	-	-	1	4.5	1	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	3	8.5	3	-	-	2	9.0	2	-	-	4	18.0	2	2	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver (581)	2	5.7	2	-	-	6	27.1	5	1	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	14	39.7	14	-	-	4	18.1	2	2	-	5	22.6	3	2	-
Hyperplasia of prostate (610)	1	2.8	1	-	-	-	-	-	-	-	2	9.0	2	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	2	2.8	2	-	-	-	-	-	-	-	1	2.4	-	1	-
Congenital malformations (750-759)	5	14.2	5	-	-	1	4.5	1	-	-	-	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	1	2.8	1	-	-	4	18.1	4	-	-	5	22.6	2	3	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	9	25.5	9	-	-	11	49.8	8	3	-	5	22.6	5	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	11	31.2	9	1	1	4	18.1	4	-	-	4	18.0	1	3	-
All other diseases (Residual)	31	87.9	26	3	2	20	90.5	17	3	-	20	90.2	16	4	-
Motor vehicle accidents (E810-E835)	3	8.5	3	-	-	9	40.7	9	-	-	7	31.6	6	1	-
All other accidents (E800-E802, E840-E962)	12	34.0	12	-	-	8	36.2	8	-	-	12	54.1	8	4	-
Suicide and self-inflicted injury (E963, E970-E979)	1	2.8	1	-	-	3	13.6	3	-	-	3	13.5	3	-	-
Homicide and operations of war (E964, E965, E980-E999)	3	8.5	3	-	-	1	4.5	-	1	-	-	-	-	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	LOVE					McCLAIN					McCURTAIN				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	7,721		Wh.	Neg.	Ind.	14,681		Wh.	Neg.	Ind.	31,588		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	132	17.1	122	7	3	303	20.6	292	10	1	688	21.8	476	127	85
Physician in hospital	58	...	56	1	1	230	...	225	4	1	242	...	187	3	52
Physician in home	74	...	66	6	2	70	...	67	3	-	323	...	271	40	12
Midwife, other, or unknown	-	...	-	-	-	3	...	-	3	-	123	...	18	84	21
Stillbirths †	-	-	-	-	-	5	16.5	5	-	-	15	21.8	8	1	6
Physician in hospital	-	...	-	-	-	3	...	3	-	-	8	...	4	-	4
Physician in home	-	...	-	-	-	2	...	2	-	-	5	...	4	1	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	2	...	-	-	2
Total deaths, all causes*	42	5.4	38	4	-	134	9.1	124	8	2	271	8.6	203	54	14
Deaths under 1 year †	1	7.6	1	-	-	13	42.9	12	1	-	22	32.0	12	7	3
Deaths under 1 month †	1	7.6	1	-	-	9	29.7	8	1	-	17	24.7	10	6	1
Tuberculosis of respiratory system (001-008)	1	13.0	1	-	-	4	27.2	4	-	-	12	38.0	6	3	3
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	1	3.2	1	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	1	6.8	1	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	-	-	-	-	-	2	6.3	1	1	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	9	116.6	9	-	-	23	156.7	22	1	-	21	66.5	18	3	-
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	1	6.8	1	-	-	-	-	-	-	-
Diabetes mellitus (260)	-	-	-	-	-	1	6.8	1	-	-	4	12.7	4	-	-
Anemias (290-293)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	6	77.7	6	-	-	13	88.5	12	-	1	36	114.0	28	8	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	1	6.8	1	-	-	1	3.2	-	1	-
Rheumatic fever (400-402)	-	-	-	-	-	1	6.8	1	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	1	6.8	1	-	-	2	6.3	2	-	-
Arteriosclerotic and degenerative heart disease (420-422)	13	168.4	12	1	-	26	177.1	24	2	-	57	180.4	54	3	-
Other diseases of heart (430-434)	-	-	-	-	-	3	20.4	3	-	-	21	66.5	14	5	2
Hypertension with heart disease (440-443)	1	13.0	-	1	-	5	34.1	5	-	-	14	44.3	11	3	-
Hypertension without mention of heart (444-447)	2	25.9	1	1	-	2	13.6	1	1	-	1	3.2	-	1	-
Influenza (480-483)	2	25.9	2	-	-	3	20.4	2	1	-	4	12.7	3	1	-
Pneumonia (490-493)	-	-	-	-	-	4	27.2	3	-	1	10	31.7	7	1	2
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	1	6.8	1	-	-	-	-	-	-	-
Appendicitis (550-553)	-	-	-	-	-	1	6.8	1	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	1	13.0	1	-	-	1	6.8	-	1	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	1	6.8	1	-	-	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	-	-	-	-	-	1	3.2	1	-	-
Nephritis and nephrosis (590-594)	-	-	-	-	-	1	6.8	1	-	-	5	15.8	3	2	-
Hyperplasia of prostate (610)	1	13.0	1	-	-	3	20.4	2	1	-	4	12.7	-	4	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	3	4.4	1	1	1
Congenital malformations (750-759)	1	13.0	1	-	-	2	13.6	2	-	-	5	15.8	3	1	1
Birth injuries, postnatal asphyxia and atelectasis (760-762)	-	-	-	-	-	5	34.1	5	-	-	2	6.3	2	-	-
Infections of the newborn (763-768)	-	-	-	-	-	1	6.8	1	-	-	5	15.8	3	1	1
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	-	-	-	-	-	2	13.6	2	-	-	7	22.2	4	3	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	-	-	-	-	-	2	13.6	1	1	-	12	38.0	7	4	1
All other diseases (Residual)	5	64.8	4	1	-	13	88.5	13	-	-	15	47.5	10	4	1
Motor vehicle accidents (E810-E835)	-	-	-	-	-	3	20.4	3	-	-	8	25.3	7	-	1
All other accidents (E800-E802, E840-E962)	-	-	-	-	-	7	47.7	7	-	-	13	41.2	9	3	1
Suicide and self-inflicted injury (E963, E970-E979)	-	-	-	-	-	1	6.8	1	-	-	2	6.3	2	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	1	6.8	1	-	-	3	9.5	2	1	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	McINTOSH					MAJOR					MARSHALL				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	17,829		Wh.	Neg.	Ind.	10,279		Wh.	Neg.	Ind.	8,177		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	413	23.2	301	67	45	232	22.6	231	1	-	167	20.4	150	5	12
Physician in hospital	231	...	195	6	30	215	...	213	1	1	149	...	132	5	12
Physician in home	119	...	90	20	9	17	...	17	-	-	16	...	16	-	-
Midwife, other, or unknown	63	...	16	41	6	-	...	-	-	-	2	...	2	-	-
Stillbirths †	11	26.6	8	3	-	3	12.9	3	-	-	2	12.0	2	-	-
Physician in hospital	8	...	7	1	-	3	...	3	-	-	2	...	2	-	-
Physician in home	2	...	-	2	-	-	...	-	-	-	-	...	-	-	-
Midwife, other, or unknown	1	...	1	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	141	7.9	98	34	9	77	7.5	77	-	-	96	11.7	94	-	2
Deaths under 1 year †	13	31.5	8	4	1	3	12.9	3	-	-	4	24.0	3	-	1
Deaths under 1 month †	7	16.9	5	2	-	2	8.6	2	-	-	1	6.0	1	-	-
Tuberculosis of respiratory system (001-008)	8	44.9	3	3	2	-	-	-	-	-	1	12.2	1	-	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	1	12.2	1	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	1	9.7	1	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	21	117.8	17	4	-	13	126.5	13	-	-	20	244.6	20	-	-
Benign and unspecified neoplasms (210-239)	1	5.6	1	-	-	-	-	-	-	-	2	24.5	2	-	-
Diabetes mellitus (260)	3	16.8	2	1	-	-	-	-	-	-	4	48.9	4	-	-
Anemias (290-293)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	18	101.0	15	2	1	6	58.4	6	-	-	13	159.0	13	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	2	24.5	2	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	3	16.8	2	1	-	2	19.5	2	-	-	1	12.2	1	-	-
Arteriosclerotic and degenerative heart disease (420-422)	23	129.0	18	5	-	24	233.5	24	-	-	24	293.5	24	-	-
Other diseases of heart (430-434)	2	11.2	-	2	-	1	9.7	1	-	-	2	24.5	2	-	-
Hypertension with heart disease (440-443)	7	39.3	5	-	2	3	29.2	3	-	-	6	73.4	6	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	1	9.7	1	-	-	1	12.2	1	-	-
Influenza (480-483)	3	16.8	3	-	-	2	19.5	2	-	-	-	-	-	-	-
Pneumonia (490-493)	11	61.7	6	3	2	1	9.7	1	-	-	1	12.2	1	-	-
Bronchitis (500-502)	1	5.6	-	1	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (550-553)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	3	16.8	3	-	-	-	-	-	-	-	2	24.5	2	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	5.6	1	-	-	1	9.7	1	-	-	1	12.2	-	-	1
Cirrhosis of liver (581)	1	5.6	1	-	-	-	-	-	-	-	2	24.5	2	-	-
Nephritis and nephrosis (590-594)	1	5.6	-	1	-	1	9.7	1	-	-	2	24.5	2	-	-
Hyperplasia of prostate (610)	-	-	-	-	-	1	9.7	1	-	-	-	-	-	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	2	4.8	1	1	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	-	-	-	-	-	1	9.7	1	-	-	-	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	3	16.8	3	-	-	-	-	-	-	-	-	-	-	-	-
Infections of the newborn (763-768)	-	-	-	-	-	1	9.7	1	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	3	16.8	2	1	-	1	9.7	1	-	-	1	12.2	1	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	4	22.4	3	1	-	1	9.7	1	-	-	1	12.2	-	-	1
All other diseases (Residual)	9	50.5	6	3	-	8	77.8	8	-	-	5	61.1	5	-	-
Motor vehicle accidents (E810-E835)	3	16.8	1	2	-	-	-	-	-	-	1	12.2	1	-	-
All other accidents (E800-E802, E840-E962)	9	50.5	5	2	2	7	68.1	7	-	-	2	24.5	2	-	-
Suicide and self-inflicted injury (E963, E970-E979)	1	5.6	-	1	-	1	9.7	1	-	-	-	-	-	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	-	-	-	-	-	1	12.2	1	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	MAYES					MURRAY					MUSKOGEE				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	19,743		Wh.	Neg.	Ind.	10,775		Wh.	Neg.	Ind.	65,573		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	341	17.3	260	1	80	196	18.2	185	5	6	1449	22.1	1135	269	45
Physician in hospital	259	...	186	-	73	182	...	174	2	6	1141	...	1028	82	39
Physician in home	74	...	71	-	3	14	...	11	3	-	164	...	102	59	3
Midwife, other, or unknown	8	...	3	1	4	-	...	-	-	-	144	...	13	128	3
Stillbirths †	5	14.7	3	-	2	2	10.2	1	1	-	39	26.9	24	13	2
Physician in hospital	5	...	3	-	2	2	...	1	1	-	31	...	23	6	2
Physician in home	-	...	-	-	-	-	...	-	-	-	4	...	1	3	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	4	...	-	4	-
Total deaths, all causes*	171	8.7	149	6	16	131	12.2	125	5	1	690	10.5	484	192	14
Deaths under 1 year †	12	35.2	8	-	4	7	35.7	6	1	-	43	29.7	30	12	1
Deaths under 1 month †	6	17.6	5	-	1	3	15.3	3	-	-	31	21.4	23	7	1
Tuberculosis of respiratory system (001-008)	7	35.5	4	-	3	7	65.0	7	-	-	26	39.7	11	11	4
Tuberculosis, other forms (010-019)	1	5.1	-	1	-	-	-	-	-	-	2	3.1	2	-	-
Syphilis and its sequelae (020-029)	1	5.1	1	-	-	-	-	-	-	-	1	1.5	1	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	1	1.5	1	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	1	1.5	-	1	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	-	-	-	-	-	2	3.1	2	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	21	106.4	18	1	2	19	176.3	19	-	-	91	138.8	73	16	2
Benign and unspecified neoplasms (210-239)	1	5.1	1	-	-	1	9.3	1	-	-	6	9.2	3	3	-
Diabetes mellitus (260)	8	40.5	6	-	2	1	9.3	1	-	-	11	16.8	6	5	-
Anemias (290-293)	1	5.1	1	-	-	-	-	-	-	-	4	6.1	3	1	-
Vascular lesions affecting central nervous system (330-334)	15	76.0	14	1	-	13	120.6	13	-	-	101	154.0	73	26	2
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	1	1.5	-	1	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	5	25.3	5	-	-	2	18.6	2	-	-	8	12.2	6	2	-
Arteriosclerotic and degenerative heart disease (420-422)	44	222.9	42	1	1	40	371.2	39	1	-	140	213.5	113	26	1
Other diseases of heart (430-434)	6	30.4	5	-	1	1	9.3	1	-	-	15	22.9	8	6	1
Hypertension with heart disease (440-443)	8	40.5	8	-	-	12	111.4	11	1	-	49	74.7	27	20	2
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	-	-	-	-	9	13.7	8	1	-
Influenza (480-483)	2	10.1	1	1	-	2	18.6	2	-	-	10	15.3	3	7	-
Pneumonia (490-493)	6	30.4	5	-	1	2	18.6	1	1	-	22	33.6	13	9	-
Bronchitis (500-502)	-	-	-	-	-	1	9.3	1	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	1	9.3	1	-	-	4	6.1	4	-	-
Appendicitis (550-553)	-	-	-	-	-	-	-	-	-	-	2	3.1	1	1	-
Intestinal obstruction and hernia (560, 561, 570)	1	5.1	1	-	-	-	-	-	-	-	4	6.1	2	2	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	-	-	-	-	-	2	3.1	1	1	-
Cirrhosis of liver (581)	1	5.1	1	-	-	2	18.6	2	-	-	6	9.2	4	2	-
Nephritis and nephrosis (590-594)	3	15.2	3	-	-	1	9.3	1	-	-	13	19.8	5	8	-
Hyperplasia of prostate (610)	1	5.1	1	-	-	-	-	-	-	-	1	1.5	1	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	3	2.1	1	2	-
Congenital malformations (750-759)	1	5.1	1	-	-	2	18.6	2	-	-	7	10.7	7	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	2	10.1	2	-	-	-	-	-	-	-	5	7.6	3	2	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	2	3.1	2	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	4	20.3	3	-	1	3	27.8	3	-	-	19	29.0	15	4	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	7	35.5	6	-	1	4	37.1	4	-	-	20	30.5	9	10	1
All other diseases (Residual)	7	35.5	6	-	1	9	83.5	8	-	1	57	86.9	42	14	1
Motor vehicle accidents (E810-E835)	9	45.6	5	1	3	2	18.6	2	-	-	9	13.7	9	-	-
All other accidents (E800-E802, E840-E962)	7	35.5	7	-	-	5	46.4	4	1	-	28	42.7	18	10	-
Suicide and self-inflicted injury (E963, E970-E979)	2	10.1	2	-	-	-	-	-	-	-	4	6.1	4	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	1	9.3	-	1	-	4	6.1	3	1	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	NOBLE					NOWATA					OKFUSKEE				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	12,156		Wh.	Neg.	Ind.	12,734		Wh.	Neg.	Ind.	16,948		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	228	18.8	204	7	17	244	19.2	219	23	2	371	21.9	231	88	52
Physician in hospital	163	...	144	3	16	227	...	208	17	2	247	...	190	19	38
Physician in home	65	...	60	4	1	14	...	11	3	-	92	...	41	43	8
Midwife, other, or unknown	-	...	-	-	-	3	...	-	3	-	32	...	-	26	6
Stillbirths †	1	4.4	1	-	-	-	-	-	-	-	8	21.6	4	4	-
Physician in hospital	1	...	1	-	-	-	...	-	-	-	5	...	3	2	-
Physician in home	-	...	-	-	-	-	...	-	-	-	3	...	1	2	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	104	8.6	98	3	3	147	11.5	124	22	1	153	9.0	96	43	14
Deaths under 1 year †	3	13.2	2	-	1	6	24.6	6	-	-	10	27.0	6	1	3
Deaths under 1 month †	1	4.4	1	-	-	4	16.4	4	-	-	2	5.4	2	-	-
Tuberculosis of respiratory system (001-008)	1	8.2	1	-	-	2	15.7	2	-	-	8	47.2	4	1	3
Tuberculosis, other forms (010-019)	-	-	-	-	-	1	7.9	1	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	4	23.6	1	3	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	2	11.8	2	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	1	7.9	1	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	8.2	1	-	-	1	7.9	1	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	18	148.1	18	-	-	21	164.9	18	3	-	17	100.3	14	3	-
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	1	7.9	1	-	-	4	23.6	4	-	-
Diabetes mellitus (260)	1	8.2	1	-	-	3	23.6	3	-	-	5	29.5	3	1	1
Anemias (290-293)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	15	123.4	13	2	-	18	141.4	14	4	-	9	53.1	6	1	2
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	1	7.9	-	1	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	1	8.2	1	-	-	2	15.7	2	-	-	1	5.9	-	1	-
Arteriosclerotic and degenerative heart disease (420-422)	17	139.8	17	-	-	48	376.9	40	7	1	24	141.6	23	1	-
Other diseases of heart (430-434)	4	32.9	4	-	-	8	62.8	8	-	-	8	47.2	4	4	-
Hypertension with heart disease (440-443)	6	49.4	6	-	-	-	-	-	-	-	5	29.5	5	-	-
Hypertension without mention of heart (444-447)	2	16.5	2	-	-	2	15.7	1	1	-	2	11.8	-	2	-
Influenza (480-483)	1	8.2	1	-	-	-	-	-	-	-	4	23.6	2	2	-
Pneumonia (490-493)	2	16.5	2	-	-	1	7.9	1	-	-	7	41.3	2	2	3
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	1	8.2	1	-	-	2	15.7	2	-	-	-	-	-	-	-
Appendicitis (550-553)	-	-	-	-	-	1	7.9	-	1	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	1	8.2	1	-	-	1	7.9	-	1	-	1	5.9	1	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	8.2	-	-	1	1	7.9	1	-	-	1	5.9	1	-	-
Cirrhosis of liver (581)	-	-	-	-	-	3	23.6	3	-	-	2	11.8	-	2	-
Nephritis and nephrosis (590-594)	4	32.9	4	-	-	4	31.4	4	-	-	12	70.8	2	10	-
Hyperplasia of prostate (610)	2	16.5	2	-	-	3	23.6	2	1	-	2	11.8	2	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	1	8.2	1	-	-	-	-	-	-	-	-	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	1	8.2	1	-	-	-	-	-	-	-	2	11.8	2	-	-
Infections of the newborn (763-768)	-	-	-	-	-	1	7.9	1	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	-	-	-	-	-	3	23.6	3	-	-	-	-	-	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	5	41.1	4	-	1	1	7.9	-	1	-	2	11.8	-	1	1
All other diseases (Residual)	7	57.6	5	1	1	8	62.8	8	-	-	16	94.4	11	4	1
Motor vehicle accidents (E810-E835)	5	41.1	5	-	-	3	23.6	1	2	-	2	11.8	2	-	-
All other accidents (E800-E802, E840-E962)	6	49.4	6	-	-	5	39.3	5	-	-	10	59.0	3	4	3
Suicide and self-inflicted injury (E963, E970-E979)	1	8.2	1	-	-	1	7.9	1	-	-	1	5.9	1	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	-	-	-	-	-	2	11.8	1	1	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	OKLAHOMA					OKMULGEE					OSAGE				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	325,352		Wh.	Neg.	Ind.	44,561		Wh.	Neg.	Ind.	33,071		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	8618	26.5	7690	856	72	1049	23.5	786	203	60	577	17.4	473	29	75
Physician in hospital	8423	...	7561	794	68	759	...	672	36	51	453	...	386	10	57
Physician in home	158	...	115	39	4	182	...	111	64	7	116	...	85	13	18
Midwife, other, or unknown	37	...	14	23	-	108	...	3	103	2	8	...	2	6	-
Stillbirths †	116	13.5	88	26	2	24	22.9	16	6	2	12	20.8	10	-	2
Physician in hospital	109	...	85	22	2	18	...	14	2	2	10	...	8	-	2
Physician in home	1	...	1	-	-	4	...	2	2	-	1	...	1	-	-
Midwife, other, or unknown	6	...	2	4	-	2	...	-	2	-	1	...	1	-	-
Total deaths, all causes*	2553	7.8	2297	249	7	472	10.6	360	96	16	268	8.1	239	9	20
Deaths under 1 year †	207	24.0	178	28	1	48	45.8	31	13	4	14	24.3	11	2	1
Deaths under 1 month †	158	18.3	134	23	1	34	32.4	22	10	2	11	19.1	8	2	1
Tuberculosis of respiratory system (001-008)	54	16.6	44	10	-	10	22.4	8	1	1	9	27.2	7	1	1
Tuberculosis, other forms (010-019)	4	1.2	2	1	1	-	-	-	-	-	4	12.1	3	-	1
Syphilis and its sequelae (020-029)	8	2.5	6	2	-	6	13.5	4	2	-	3	9.1	1	2	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	2	0.6	2	-	-	1	2.2	-	1	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	1	0.3	1	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	2	0.6	2	-	-	1	2.2	-	1	-	-	-	-	-	-
Meningococcal infections (057)	4	1.2	3	1	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	8	2.5	8	-	-	1	2.2	1	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	7	2.2	6	-	1	3	6.7	2	1	-	2	6.0	2	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	396	121.7	366	30	-	54	121.2	45	7	2	33	99.8	30	-	3
Benign and unspecified neoplasms (210-239)	10	3.1	9	1	-	3	6.7	3	-	-	2	6.0	2	-	-
Diabetes mellitus (260)	33	10.1	31	2	-	3	6.7	2	-	1	9	27.2	5	-	4
Anemias (290-293)	4	1.2	4	-	-	5	11.2	1	4	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	283	87.0	265	18	-	55	123.4	44	11	-	41	124.0	38	1	2
Nonmeningococcal meningitis (340)	4	1.2	3	1	-	1	2.2	1	-	-	-	-	-	-	-
Rheumatic fever (400-402)	2	0.6	2	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	24	7.4	24	-	-	7	15.7	6	1	-	2	6.0	2	-	-
Arteriosclerotic and degenerative heart disease (420-422)	587	180.4	562	24	1	104	233.4	92	10	2	50	151.2	47	2	1
Other diseases of heart (430-434)	146	44.9	125	21	-	15	33.7	12	3	-	11	33.3	10	-	1
Hypertension with heart disease (440-443)	118	36.3	88	29	1	25	56.1	17	6	2	5	15.1	5	-	-
Hypertension without mention of heart (444-447)	23	7.1	21	2	-	12	26.9	6	6	-	2	6.0	2	-	-
Influenza (480-483)	15	4.6	14	1	-	5	11.2	4	1	-	4	12.1	4	-	-
Pneumonia (490-493)	62	19.1	49	13	-	16	35.9	9	5	2	6	18.1	6	-	-
Bronchitis (500-502)	3	0.9	1	2	-	2	4.5	1	1	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	14	4.3	14	-	-	1	2.2	1	-	-	2	6.0	2	-	-
Appendicitis (550-553)	3	0.9	2	1	-	2	4.5	1	1	-	1	3.0	-	-	1
Intestinal obstruction and hernia (560, 561, 570)	20	6.1	18	2	-	4	9.0	2	2	-	3	9.1	3	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	13	4.0	12	1	-	2	4.5	2	-	-	-	-	-	-	-
Cirrhosis of liver (581)	14	4.3	13	-	1	2	4.5	2	-	-	1	3.0	-	-	1
Nephritis and nephrosis (590-594)	46	14.1	24	21	1	15	33.7	11	4	-	5	15.1	5	-	-
Hyperplasia of prostate (610)	10	3.1	10	-	-	1	2.2	1	-	-	2	6.0	2	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	4	0.5	3	1	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	28	8.6	25	3	-	10	22.4	10	-	-	2	6.0	1	-	1
Birth injuries, postnatal asphyxia and atelectasis (760-762)	75	23.1	66	9	-	5	11.2	4	1	-	2	6.0	2	-	-
Infections of the newborn (763-768)	6	1.8	3	3	-	3	6.7	2	1	-	2	6.0	2	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	63	19.4	54	9	-	18	40.4	11	4	3	5	15.1	3	2	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	48	14.8	39	8	1	14	31.4	8	6	-	10	30.2	9	-	1
All other diseases (Residual)	180	55.3	165	15	-	35	78.5	29	6	-	22	66.5	20	1	1
Motor vehicle accidents (E810-E835)	80	24.6	77	3	-	11	24.7	7	2	2	10	30.2	9	-	1
All other accidents (E800-E802, E840-E962)	102	31.4	93	9	-	16	35.9	10	5	1	12	36.3	12	-	-
Suicide and self-inflicted injury (E963, E970-E979)	28	8.6	27	1	-	2	4.5	1	1	-	5	15.1	4	-	1
Homicide and operations of war (E964, E965, E980-E999)	19	5.8	14	5	-	2	4.5	-	2	-	1	3.0	1	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	OTTAWA					PAWNEE					PAYNE				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	32,218		Wh.	Neg.	Ind.	13,616		Wh.	Neg.	Ind.	46,430		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	754	23.4	719	-	35	262	19.2	227	13	22	1143	24.6	1086	34	23
Physician in hospital	575	...	545	-	30	245	...	215	8	22	1085	...	1028	34	23
Physician in home	178	...	173	-	5	17	...	12	5	-	46	...	46	-	-
Midwife, other, or unknown	1	...	1	-	-	-	...	-	-	-	12	...	12	-	-
Stillbirths †	7	9.3	7	-	-	3	11.5	3	-	-	13	11.4	12	1	-
Physician in hospital	6	...	6	-	-	3	...	3	-	-	13	...	12	1	-
Physician in home	1	...	1	-	-	-	...	-	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	341	10.6	327	-	14	156	11.5	139	9	8	331	7.1	312	17	2
Deaths under 1 year †	17	22.5	15	-	2	10	38.2	5	2	3	21	18.4	20	-	1
Deaths under 1 month †	7	9.3	6	-	1	8	30.5	4	2	2	19	16.6	18	-	1
Tuberculosis of respiratory system (001-008)	26	80.7	26	-	-	2	14.7	2	-	-	2	4.3	2	-	-
Tuberculosis, other forms (010-019)	2	6.2	2	-	-	-	-	-	-	-	1	2.2	1	-	-
Syphilis and its sequelae (020-029)	3	9.3	3	-	-	1	7.3	1	-	-	2	4.3	2	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	1	7.3	-	-	1	-	-	-	-	-
Whooping cough (056)	1	3.1	1	-	-	1	7.3	1	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	1	7.3	1	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	1	2.2	1	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	1	3.1	-	-	1	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	1	7.3	1	-	-	1	2.2	1	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	51	158.3	50	-	1	23	168.9	22	-	1	53	114.2	51	2	-
Benign and unspecified neoplasms (210-239)	2	6.2	2	-	-	3	22.0	3	-	-	-	-	-	-	-
Diabetes mellitus (260)	5	15.5	5	-	-	5	36.7	5	-	-	7	15.1	6	-	1
Anemias (290-293)	2	6.2	2	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	34	105.5	33	-	1	25	183.6	22	2	1	20	43.1	19	1	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	2	6.2	2	-	-	-	-	-	-	-	9	19.4	6	3	-
Arteriosclerotic and degenerative heart disease (420-422)	69	214.2	66	-	3	33	242.4	32	1	-	70	150.8	70	-	-
Other diseases of heart (430-434)	7	21.7	7	-	-	4	29.4	3	-	1	10	21.5	9	1	-
Hypertension with heart disease (440-443)	5	15.5	5	-	-	3	22.0	2	1	-	14	30.2	13	1	-
Hypertension without mention of heart (444-447)	4	12.4	3	-	1	1	7.3	1	-	-	3	6.5	3	-	-
Influenza (480-483)	3	9.3	3	-	-	2	14.7	1	-	1	6	12.9	5	1	-
Pneumonia (490-493)	22	68.3	21	-	1	6	44.1	4	1	1	7	15.1	7	-	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	1	3.1	1	-	-	-	-	-	-	-	3	6.5	3	-	-
Appendicitis (550-553)	1	3.1	1	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	2	6.2	2	-	-	1	7.3	1	-	-	3	6.5	3	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	3.1	1	-	-	-	-	-	-	-	1	2.2	1	-	-
Cirrhosis of liver (581)	1	3.1	1	-	-	-	-	-	-	-	6	12.9	6	-	-
Nephritis and nephrosis (590-594)	7	21.7	6	-	1	3	22.0	3	-	-	13	28.0	11	2	-
Hyperplasia of prostate (610)	1	3.1	1	-	-	-	-	-	-	-	5	10.8	5	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	1	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	2	6.2	2	-	-	1	7.3	1	-	-	3	6.5	3	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	4	12.4	3	-	1	4	29.4	3	-	1	4	8.6	4	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	2	6.2	1	-	1	3	22.0	-	2	1	14	30.2	13	-	1
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	6	18.6	6	-	-	2	14.7	2	-	-	14	30.2	12	2	-
All other diseases (Residual)	42	130.4	40	-	2	18	132.2	18	-	-	24	51.7	24	-	-
Motor vehicle accidents (E810-E835)	8	24.8	8	-	-	4	29.4	3	1	-	8	17.2	7	1	-
All other accidents (E800-E802, E840-E962)	17	52.8	16	-	1	4	29.4	4	-	-	18	38.8	17	1	-
Suicide and self-inflicted injury (E963, E970-E979)	6	18.6	6	-	-	2	14.7	2	-	-	7	15.1	7	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	2	14.7	1	1	-	2	4.3	-	2	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	PITTSBURG					PONTOTOC					POTTAWATOMIE				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	41,031		Wh.	Neg.	Ind.	30,875		Wh.	Neg.	Ind.	43,517		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	838	20.4	752	45	41	660	21.4	624	21	15	902	20.7	826	35	41
Physician in hospital	683	...	620	28	35	587	...	565	10	12	852	...	791	22	39
Physician in home	119	...	106	8	5	72	...	58	11	3	35	...	33	1	1
Midwife, other, or unknown	36	...	26	9	1	1	...	1	-	-	15	...	2	12	1
Stillbirths †	12	14.3	11	1	-	14	21.2	12	1	1	14	15.5	13	-	1
Physician in hospital	9	...	8	1	-	13	...	12	-	1	13	...	12	-	1
Physician in home	1	...	1	-	-	1	...	-	1	-	1	...	1	-	-
Midwife, other, or unknown	2	...	2	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	368	9.0	330	28	10	293	9.5	272	13	8	412	9.5	385	11	16
Deaths under 1 year †	14	16.7	12	-	2	18	27.3	15	2	1	19	21.1	15	1	3
Deaths under 1 month †	10	11.9	9	-	1	13	19.7	12	1	-	15	16.6	11	1	3
Tuberculosis of respiratory system (001-008)	10	24.4	8	-	2	7	22.7	5	1	1	3	6.9	3	-	-
Tuberculosis, other forms (010-019)	1	2.4	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	3	7.3	3	-	-	-	-	-	-	-	3	6.9	3	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	2	4.9	1	1	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	1	2.4	1	-	-	1	3.2	-	-	1	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	2.4	1	-	-	2	6.5	1	1	-	1	2.3	-	-	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	52	126.7	49	3	-	49	158.7	48	1	-	70	160.9	65	1	4
Benign and unspecified neoplasms (210-239)	1	2.4	1	-	-	2	6.5	2	-	-	-	-	-	-	-
Diabetes mellitus (260)	2	4.9	2	-	-	1	3.2	1	-	-	3	6.9	3	-	-
Anemias (290-293)	1	2.4	1	-	-	-	-	-	-	-	1	2.3	1	-	-
Vascular lesions affecting central nervous system (330-334)	60	146.2	53	5	2	53	171.7	50	3	-	46	105.7	45	1	-
Nonmeningococcal meningitis (340)	1	2.4	-	1	-	1	3.2	-	-	1	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	2	4.6	2	-	-
Chronic rheumatic heart disease (410-416)	3	7.3	3	-	-	3	9.7	3	-	-	5	11.5	5	-	-
Arteriosclerotic and degenerative heart disease (420-422)	74	180.4	71	3	-	64	207.3	63	-	1	106	243.6	103	1	2
Other diseases of heart (430-434)	8	19.5	8	-	-	6	19.4	6	-	-	10	23.0	10	-	-
Hypertension with heart disease (440-443)	22	53.6	16	5	1	5	16.2	4	-	1	20	46.0	18	2	-
Hypertension without mention of heart (444-447)	11	26.8	11	-	-	-	-	-	-	-	8	18.4	8	-	-
Influenza (480-483)	4	9.7	3	1	-	5	16.2	4	1	-	1	2.3	-	1	-
Pneumonia (490-493)	13	31.7	8	3	2	8	25.9	7	-	1	8	18.4	7	-	1
Bronchitis (500-502)	1	2.4	1	-	-	1	3.2	1	-	-	1	2.3	1	-	-
Ulcer of stomach and duodenum (540, 541)	2	4.9	2	-	-	1	3.2	1	-	-	3	6.9	3	-	-
Appendicitis (550-553)	1	2.4	1	-	-	1	3.2	1	-	-	2	4.6	2	-	-
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	2	6.5	2	-	-	3	6.9	3	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	2.4	1	-	-	-	-	-	-	-	2	4.6	1	1	-
Cirrhosis of liver (581)	-	-	-	-	-	2	6.5	2	-	-	8	18.4	7	-	1
Nephritis and nephrosis (590-594)	5	12.2	4	-	1	7	22.7	7	-	-	6	13.8	6	-	-
Hyperplasia of prostate (610)	2	4.9	2	-	-	3	9.7	3	-	-	1	2.3	1	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	-	-	-	-	-	3	9.7	3	-	-	4	9.2	3	-	1
Birth injuries, postnatal asphyxia and atelectasis (760-762)	2	4.9	1	-	1	4	13.0	4	-	-	3	6.9	1	-	2
Infections of the newborn (763-768)	-	-	-	-	-	1	3.2	1	-	-	2	4.6	2	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	7	17.1	7	-	-	8	25.9	6	1	1	6	13.8	6	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	19	46.3	15	4	-	2	6.5	2	-	-	6	13.8	6	-	-
All other diseases (Residual)	33	80.4	33	-	-	27	87.4	27	-	-	41	94.2	37	3	1
Motor vehicle accidents (E810-E835)	9	21.9	9	-	-	9	29.1	6	3	-	16	36.8	16	-	-
All other accidents (E800-E802, E840-E962)	10	24.4	9	-	1	13	42.1	10	2	1	16	36.8	13	-	3
Suicide and self-inflicted injury (E963, E970-E979)	3	7.3	3	-	-	-	-	-	-	-	4	9.2	4	-	-
Homicide and operations of war (E964, E965, E980-E999)	3	7.3	1	2	-	2	6.5	2	-	-	1	2.3	-	1	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	PUSHMATAHA					ROGER MILLS					ROGERS				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	12,001		Wh.	Neg.	Ind.	7,395		Wh.	Neg.	Ind.	19,532		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	287	23.9	257	5	25	161	21.8	150	-	11	369	18.9	336	11	22
Physician in hospital	89	...	70	-	19	147	...	137	-	10	310	...	284	4	22
Physician in home	192	...	183	4	5	14	...	13	-	1	57	...	50	7	-
Midwife, other, or unknown	6	...	4	1	1	-	...	-	-	-	2	...	2	-	-
Stillbirths †	4	13.9	3	-	1	4	24.8	4	-	-	13	35.2	13	-	-
Physician in hospital	1	...	-	-	1	4	...	4	-	-	10	...	10	-	-
Physician in home	3	...	3	-	-	-	...	-	-	-	3	...	3	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	116	9.7	104	3	9	61	8.2	60	-	1	194	9.9	182	6	6
Deaths under 1 year †	7	24.4	6	-	1	6	37.3	5	-	1	13	35.2	11	1	1
Deaths under 1 month †	4	13.9	4	-	-	3	18.6	2	-	1	8	21.7	7	-	1
Tuberculosis of respiratory system (001-008)	2	16.7	2	-	-	-	-	-	-	-	3	15.4	3	-	-
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	2	27.0	2	-	-	1	5.1	1	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	16	133.3	15	-	1	8	108.2	8	-	-	23	117.8	22	-	1
Benign and unspecified neoplasms (210-239)	1	8.3	1	-	-	-	-	-	-	-	3	15.4	3	-	-
Diabetes mellitus (260)	2	16.7	2	-	-	-	-	-	-	-	3	15.4	3	-	-
Anemias (290-293)	-	-	-	-	-	1	13.5	1	-	-	3	15.4	3	-	-
Vascular lesions affecting central nervous system (330-334)	15	125.0	14	-	1	5	67.6	5	-	-	16	81.9	16	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	1	13.5	1	-	-	2	10.2	1	1	-
Arteriosclerotic and degenerative heart disease (420-422)	24	200.0	19	1	4	19	256.9	19	-	-	43	220.2	38	3	2
Other diseases of heart (430-434)	6	50.0	6	-	-	-	-	-	-	-	11	56.3	11	-	-
Hypertension with heart disease (440-443)	8	66.7	6	2	-	5	67.6	5	-	-	19	97.3	19	-	-
Hypertension without mention of heart (444-447)	-	-	-	-	-	-	-	-	-	-	3	15.4	3	-	-
Influenza (480-483)	2	16.7	1	-	1	-	-	-	-	-	4	20.5	4	-	-
Pneumonia (490-493)	6	50.0	4	-	2	2	27.0	2	-	-	4	20.5	3	1	-
Bronchitis (500-502)	1	8.3	1	-	-	-	-	-	-	-	1	5.1	1	-	-
Ulcer of stomach and duodenum (540, 541)	2	16.7	2	-	-	-	-	-	-	-	-	-	-	-	-
Appendicitis (550-553)	1	8.3	1	-	-	-	-	-	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	1	13.5	1	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	8.3	1	-	-	-	-	-	-	-	1	5.1	1	-	-
Cirrhosis of liver (581)	1	8.3	1	-	-	-	-	-	-	-	4	20.5	4	-	-
Nephritis and nephrosis (590-594)	3	25.0	3	-	-	-	-	-	-	-	3	15.4	3	-	-
Hyperplasia of prostate (610)	-	-	-	-	-	2	27.0	2	-	-	1	5.1	-	-	1
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	1	2.7	1	-	-
Congenital malformations (750-759)	2	16.7	2	-	-	1	13.5	1	-	-	3	15.4	3	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	3	25.0	3	-	-	1	13.5	-	-	1	2	10.2	2	-	-
Infections of the newborn (763-768)	-	-	-	-	-	1	13.5	1	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	1	8.3	1	-	-	1	13.5	1	-	-	3	15.4	2	-	1
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	6	50.0	6	-	-	3	40.6	3	-	-	6	30.7	6	-	-
All other diseases (Residual)	5	41.7	5	-	-	4	54.1	4	-	-	17	87.0	16	-	1
Motor vehicle accidents (E810-E835)	2	16.7	2	-	-	3	40.6	3	-	-	3	15.4	3	-	-
All other accidents (E800-E802, E840-E962)	6	50.0	6	-	-	1	13.5	1	-	-	9	46.1	8	1	-
Suicide and self-inflicted injury (E963, E970-E979)	-	-	-	-	-	-	-	-	-	-	2	10.2	2	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	SEMINOLE					SEQUOYAH					STEPHENS				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	40,672		Wh.	Neg.	Ind.	19,773		Wh.	Neg.	Ind.	34,071		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	810	19.9	638	84	88	470	23.8	415	20	35	847	24.9	817	19	11
Physician in hospital	731	...	607	46	78	287	...	258	4	25	825	...	797	18	10
Physician in home	42	...	30	6	6	150	...	143	4	3	20	...	18	1	1
Midwife, other, or unknown	37	...	1	32	4	33	...	14	12	7	2	...	2	-	-
Stillbirths †	18	22.2	13	5	-	6	12.8	6	-	-	16	18.9	14	-	2
Physician in hospital	15	...	12	3	-	6	...	6	-	-	16	...	14	-	2
Physician in home	1	...	-	1	-	-	...	-	-	-	-	...	-	-	-
Midwife, other, or unknown	2	...	1	1	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	330	8.1	259	45	26	154	7.8	130	8	16	270	7.9	264	5	1
Deaths under 1 year †	38	46.9	26	5	7	12	25.5	10	-	2	29	34.2	29	-	-
Deaths under 1 month †	29	35.8	22	4	3	8	17.0	7	-	1	20	23.6	20	-	-
Tuberculosis of respiratory system (001-008)	11	27.0	4	2	5	4	20.2	4	-	-	8	23.5	8	-	-
Tuberculosis, other forms (010-019)	1	2.5	-	-	1	-	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	1	5.1	-	1	-	2	5.9	2	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	2	10.1	2	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	1	2.9	1	-	-
Meningococcal infections (057)	1	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	3	7.4	3	-	-	1	5.1	1	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	1	5.1	1	-	-	1	2.9	1	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	39	95.9	33	5	1	19	96.1	17	-	2	34	99.8	34	-	-
Benign and unspecified neoplasms (210-239)	2	4.9	2	-	-	1	5.1	1	-	-	-	-	-	-	-
Diabetes mellitus (260)	7	17.2	6	1	-	2	10.1	1	-	1	9	26.4	9	-	-
Anemias (290-293)	2	4.9	2	-	-	-	-	-	-	-	2	5.9	2	-	-
Vascular lesions affecting central nervous system (330-334)	25	61.5	21	4	-	17	86.0	14	1	2	34	99.8	32	2	-
Nonmeningococcal meningitis (340)	1	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	3	7.4	3	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	2	4.9	2	-	-	1	5.1	1	-	-	-	-	-	-	-
Arteriosclerotic and degenerative heart disease (420-422)	52	127.9	48	3	1	27	136.5	23	1	3	52	152.6	51	1	-
Other diseases of heart (430-434)	7	17.2	4	2	1	7	35.4	7	-	-	11	32.3	11	-	-
Hypertension with heart disease (440-443)	25	61.5	20	2	3	12	60.7	11	1	-	17	49.9	16	1	-
Hypertension without mention of heart (444-447)	8	19.7	7	1	-	-	-	-	-	-	7	20.5	7	-	-
Influenza (480-483)	4	9.8	1	3	-	2	10.1	1	1	-	2	5.9	2	-	-
Pneumonia (490-493)	10	24.6	4	2	4	3	15.2	2	-	1	7	20.5	7	-	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	3	7.4	2	1	-	2	10.1	2	-	-	2	5.9	2	-	-
Appendicitis (550-553)	-	-	-	-	-	1	5.1	1	-	-	1	2.9	1	-	-
Intestinal obstruction and hernia (560, 561, 570)	4	9.8	3	-	1	1	5.1	1	-	-	2	5.9	2	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	4	9.8	2	-	2	-	-	-	-	-	1	2.9	1	-	-
Cirrhosis of liver (581)	9	22.1	9	-	-	1	5.1	1	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	7	17.2	5	2	-	6	30.3	5	-	1	5	14.7	5	-	-
Hyperplasia of prostate (610)	4	9.8	3	1	-	-	-	-	-	-	1	2.9	1	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	1	1.2	-	1	-	-	-	-	-	-	2	2.4	2	-	-
Congenital malformations (750-759)	4	9.8	4	-	-	1	5.1	1	-	-	2	5.9	2	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	11	27.0	7	1	3	1	5.1	1	-	-	3	8.8	3	-	-
Infections of the newborn (763-768)	-	-	-	-	-	1	5.1	1	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	13	32.0	10	2	1	5	25.3	4	-	1	15	44.0	15	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	12	29.5	8	4	-	5	25.3	4	1	-	13	38.2	13	-	-
All other diseases (Residual)	25	61.5	21	3	1	16	80.9	12	-	4	16	47.0	15	-	1
Motor vehicle accidents (E810-E835)	9	22.1	7	1	1	2	10.1	2	-	-	8	23.5	7	1	-
All other accidents (E800-E802, E840-E962)	18	44.3	14	3	1	8	40.5	6	1	1	8	23.5	8	-	-
Suicide and self-inflicted injury (E963, E970-E979)	-	-	-	-	-	2	10.1	2	-	-	2	5.9	2	-	-
Homicide and operations of war (E964, E965, E980-E999)	3	7.4	2	1	-	2	10.1	1	1	-	2	5.9	2	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	TEXAS					TILLMAN					TULSA				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	14,235		Wh.	Neg.	Ind.	17,598		Wh.	Neg.	Ind.	251,686		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	394	27.7	394	-	-	382	21.7	318	56	8	5980	23.8	5341	561	78
Physician in hospital	380	...	380	-	-	292	...	272	14	6	5568	...	5091	407	70
Physician in home	14	...	14	-	-	79	...	45	32	2	295	...	237	51	7
Midwife, other, or unknown	-	...	-	-	-	11	...	1	10	-	117	...	13	103	1
Stillbirths †	1	2.5	1	-	-	10	26.2	7	3	-	103	17.2	79	24	-
Physician in hospital	1	...	1	-	-	6	...	6	-	-	89	...	76	13	-
Physician in home	-	...	-	-	-	2	...	1	1	-	12	...	2	10	-
Midwife, other, or unknown	-	...	-	-	-	2	...	-	2	-	2	...	1	1	-
Total deaths, all causes*	100	7.0	100	-	-	161	9.1	129	30	2	2066	8.2	1777	270	19
Deaths under 1 year †	8	20.3	8	-	-	19	49.7	11	6	2	177	29.6	140	34	3
Deaths under 1 month †	7	17.8	7	-	-	13	34.0	7	4	2	130	21.7	109	21	-
Tuberculosis of respiratory system (001-008)	-	-	-	-	-	1	5.7	1	-	-	42	16.7	32	9	1
Tuberculosis, other forms (010-019)	-	-	-	-	-	-	-	-	-	-	3	1.2	2	1	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	1	5.7	-	1	-	25	9.9	17	7	1
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	1	0.4	-	1	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	1	0.4	1	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	3	1.2	3	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	2	0.8	2	-	-
Acute poliomyelitis (080)	-	-	-	-	-	2	11.4	2	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	1	7.0	1	-	-	-	-	-	-	-	11	4.4	11	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	11	77.3	11	-	-	21	119.3	20	1	-	287	114.0	265	20	2
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	1	5.7	1	-	-	5	2.0	4	1	-
Diabetes mellitus (260)	2	14.0	2	-	-	2	11.4	2	-	-	35	13.9	33	2	-
Anemias (290-293)	-	-	-	-	-	-	-	-	-	-	5	2.0	4	1	-
Vascular lesions affecting central nervous system (330-334)	8	56.2	8	-	-	19	108.0	17	2	-	239	95.0	210	28	1
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	4	1.6	3	-	1
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	3	1.2	2	1	-
Chronic rheumatic heart disease (410-416)	-	-	-	-	-	3	17.0	3	-	-	23	9.1	21	1	1
Arteriosclerotic and degenerative heart disease (420-422)	28	196.7	28	-	-	39	221.6	38	1	-	455	180.8	417	36	2
Other diseases of heart (430-434)	3	21.1	3	-	-	2	11.4	2	-	-	47	18.7	36	9	2
Hypertension with heart disease (440-443)	3	21.1	3	-	-	13	73.9	7	6	-	83	33.0	68	15	-
Hypertension without mention of heart (444-447)	1	7.0	1	-	-	1	5.7	-	1	-	28	11.1	23	4	1
Influenza (480-483)	-	-	-	-	-	2	11.4	1	1	-	16	6.4	12	3	1
Pneumonia (490-493)	3	21.1	3	-	-	5	28.4	3	2	-	63	25.0	35	26	2
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-	6	2.4	6	-	-
Ulcer of stomach and duodenum (540, 541)	1	7.0	1	-	-	1	5.7	1	-	-	15	6.0	12	3	-
Appendicitis (550-553)	-	-	-	-	-	-	-	-	-	-	6	2.4	5	1	-
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	2	11.4	2	-	-	13	5.2	10	3	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	-	-	-	-	-	1	5.7	-	1	-	12	4.8	7	5	-
Cirrhosis of liver (581)	3	21.1	3	-	-	1	5.7	1	-	-	14	5.6	14	-	-
Nephritis and nephrosis (590-594)	4	28.1	4	-	-	1	5.7	-	1	-	56	22.2	32	24	-
Hyperplasia of prostate (610)	1	7.0	1	-	-	-	-	-	-	-	13	5.2	10	3	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-	7	1.2	7	-	-
Congenital malformations (750-759)	1	7.0	1	-	-	2	11.4	2	-	-	33	13.1	31	2	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	6	42.1	6	-	-	4	22.7	3	1	-	46	18.3	37	9	-
Infections of the newborn (763-768)	1	7.0	1	-	-	3	17.0	1	2	-	2	0.8	1	1	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	-	-	-	-	-	5	28.4	2	1	2	59	23.4	50	9	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	5	35.1	5	-	-	2	11.4	1	1	-	55	21.9	42	13	-
All other diseases (Residual)	8	56.2	8	-	-	18	102.3	12	6	-	170	67.5	155	14	1
Motor vehicle accidents (E810-E835)	4	28.1	4	-	-	-	-	-	-	-	59	23.4	54	3	2
All other accidents (E800-E802, E840-E962)	3	21.1	3	-	-	5	28.4	5	-	-	81	32.2	74	6	1
Suicide and self-inflicted injury (E963, E970-E979)	2	14.0	2	-	-	2	11.4	2	-	-	23	9.1	23	-	-
Homicide and operations of war (E964, E965, E980-E999)	1	7.0	1	-	-	2	11.4	-	2	-	15	6.0	6	9	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	WAGONER					WASHINGTON					WASHITA				
	Total		Race			Total		Race			Total		Race		
Census enumeration, April 1, 1950	16,741		Wh.	Neg.	Ind.	32,880		Wh.	Neg.	Ind.	17,657		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	380	22.7	298	74	8	752	22.9	707	34	11	320	18.1	313	1	6
Physician in hospital	110	...	95	8	7	722	...	680	32	10	273	...	267	1	5
Physician in home	233	...	199	33	1	29	...	26	2	1	47	...	46	-	1
Midwife, other, or unknown	37	...	4	33	-	1	...	1	-	-	-	...	-	-	-
Stillbirths †	6	15.8	4	2	-	12	16.0	12	-	-	5	15.6	3	2	-
Physician in hospital	2	...	1	1	-	10	...	10	-	-	5	...	3	2	-
Physician in home	4	...	3	1	-	2	...	2	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	151	9.0	94	52	5	323	9.8	299	18	6	134	7.6	133	-	1
Deaths under 1 year †	14	36.8	8	6	-	29	38.6	24	5	-	7	21.9	7	-	-
Deaths under 1 month †	9	23.7	6	3	-	17	22.6	14	3	-	6	18.8	6	-	-
Tuberculosis of respiratory system (001-008)	2	11.9	1	1	-	5	15.2	5	-	-	3	17.0	2	-	1
Tuberculosis, other forms (010-019)	-	-	-	-	-	1	3.0	1	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	1	6.0	1	-	-	2	6.1	1	1	-	1	5.7	1	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	2	6.1	2	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	2	11.9	2	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	21	125.4	15	4	2	40	121.7	39	1	-	17	96.3	17	-	-
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	-	-	-	-	-	2	11.3	2	-	-
Diabetes mellitus (260)	4	23.9	4	-	-	5	15.2	5	-	-	1	5.7	1	-	-
Anemias (290-293)	-	-	-	-	-	2	6.1	2	-	-	-	-	-	-	-
Vascular lesions affecting central nervous system (330-334)	19	113.5	10	9	-	38	115.6	31	5	2	11	62.3	11	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-	1	5.7	1	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	3	17.9	1	2	-	4	12.2	4	-	-	2	11.3	2	-	-
Arteriosclerotic and degenerative heart disease (420-422)	26	155.3	18	7	1	70	212.9	67	1	2	29	164.2	29	-	-
Other diseases of heart (430-434)	10	59.7	7	3	-	8	24.3	7	1	-	2	11.3	2	-	-
Hypertension with heart disease (440-443)	8	47.8	8	-	-	23	70.0	21	2	-	6	34.0	6	-	-
Hypertension without mention of heart (444-447)	2	11.9	1	1	-	4	12.2	4	-	-	2	11.3	2	-	-
Influenza (480-483)	-	-	-	-	-	9	27.4	8	1	-	2	11.3	2	-	-
Pneumonia (490-493)	4	23.9	-	4	-	6	18.2	6	-	-	5	28.3	5	-	-
Bronchitis (500-502)	1	6.0	1	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	1	6.0	1	-	-	3	9.1	3	-	-	1	5.7	1	-	-
Appendicitis (550-553)	2	11.9	-	2	-	1	3.0	1	-	-	-	-	-	-	-
Intestinal obstruction and hernia (560, 561, 570)	2	11.9	1	1	-	1	3.0	1	-	-	2	11.3	2	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	2	11.9	1	1	-	2	6.1	2	-	-	1	5.7	1	-	-
Cirrhosis of liver (581)	1	6.0	1	-	-	1	3.0	1	-	-	1	5.7	1	-	-
Nephritis and nephrosis (590-594)	3	17.9	1	2	-	10	30.4	10	-	-	6	34.0	6	-	-
Hyperplasia of prostate (610)	1	6.0	-	1	-	3	9.1	3	-	-	3	17.0	3	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	1	1.3	1	-	-	-	-	-	-	-
Congenital malformations (750-759)	2	11.9	2	-	-	6	18.2	5	1	-	-	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	2	11.9	-	2	-	7	21.3	6	1	-	2	11.3	2	-	-
Infections of the newborn (763-768)	-	-	-	-	-	1	3.0	1	-	-	1	5.7	1	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	5	29.9	4	1	-	7	21.3	5	2	-	2	11.3	2	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	4	23.9	2	2	-	7	21.3	6	-	1	7	39.6	7	-	-
All other diseases (Residual)	11	65.7	4	6	1	26	79.1	25	-	1	11	62.3	11	-	-
Motor vehicle accidents (E810-E835)	2	11.9	2	-	-	6	18.2	5	1	-	2	11.3	2	-	-
All other accidents (E800-E802, E840-E962)	5	29.9	4	1	-	15	45.6	14	1	-	5	28.3	5	-	-
Suicide and self-inflicted injury (E963, E970-E979)	1	6.0	1	-	-	5	15.2	5	-	-	5	28.3	5	-	-
Homicide and operations of war (E964, E965, E980-E999)	4	23.9	1	2	1	2	6.1	2	-	-	1	5.7	1	-	-

TABLE V. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE BY COUNTY, AND NUMBER BY COUNTY AND RACE, OKLAHOMA, 1950
(Continued)

	WOODS					WOODWARD				
	Total		Race			Total		Race		
Census enumeration, April 1, 1950	14,526		Wh.	Neg.	Ind.	14,383		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	313	21.5	313	-	-	280	19.5	279	1	-
Physician in hospital	313	...	313	-	-	268	...	268	-	-
Physician in home	-	...	-	-	-	7	...	7	-	-
Midwife, other, or unknown	-	...	-	-	-	5	...	4	1	-
Stillbirths †	6	19.2	6	-	-	5	17.9	5	-	-
Physician in hospital	6	...	6	-	-	5	...	5	-	-
Physician in home	-	...	-	-	-	-	...	-	-	-
Midwife, other, or unknown	-	...	-	-	-	-	...	-	-	-
Total deaths, all causes*	129	8.9	129	-	-	139	9.7	139	-	-
Deaths under 1 year †	9	28.8	9	-	-	12	42.9	12	-	-
Deaths under 1 month †	7	22.4	7	-	-	10	35.7	10	-	-
Tuberculosis of respiratory system (001-008)	1	6.9	1	-	-	2	13.9	2	-	-
Tuberculosis, other forms (010-019)	1	6.9	1	-	-	-	-	-	-	-
Syphilis and its sequelae (020-029)	-	-	-	-	-	1	7.0	1	-	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	-	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat (050, 051)	1	6.9	1	-	-	1	7.0	1	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	-	-	-	-	-	-	-	-	-	-
Meningococcal infections (057)	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis (080)	-	-	-	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	-	-	-	-	-	-	-	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	12	82.6	12	-	-	22	153.0	22	-	-
Benign and unspecified neoplasms (210-239)	-	-	-	-	-	1	7.0	1	-	-
Diabetes mellitus (260)	-	-	-	-	-	3	20.9	3	-	-
Anemias (290-293)	-	-	-	-	-	1	7.0	1	-	-
Vascular lesions affecting central nervous system (330-334)	10	68.8	10	-	-	16	111.2	16	-	-
Nonmeningococcal meningitis (340)	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (400-402)	-	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease (410-416)	3	20.7	3	-	-	1	7.0	1	-	-
Arteriosclerotic and degenerative heart disease (420-422)	38	261.6	38	-	-	24	166.9	24	-	-
Other diseases of heart (430-434)	4	27.5	4	-	-	4	27.8	4	-	-
Hypertension with heart disease (440-443)	9	62.0	9	-	-	8	55.6	8	-	-
Hypertension without mention of heart (444-447)	2	13.8	2	-	-	2	13.9	2	-	-
Influenza (480-483)	-	-	-	-	-	2	13.9	2	-	-
Pneumonia (490-493)	2	13.8	2	-	-	4	27.8	4	-	-
Bronchitis (500-502)	-	-	-	-	-	-	-	-	-	-
Ulcer of stomach and duodenum (540, 541)	-	-	-	-	-	2	13.9	2	-	-
Appendicitis (550-553)	1	6.9	1	-	-	1	7.0	1	-	-
Intestinal obstruction and hernia (560, 561, 570)	-	-	-	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	1	6.9	1	-	-	-	-	-	-	-
Cirrhosis of liver (581)	-	-	-	-	-	-	-	-	-	-
Nephritis and nephrosis (590-594)	4	27.5	4	-	-	5	34.8	5	-	-
Hyperplasia of prostate (610)	1	6.9	1	-	-	3	20.9	3	-	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	-	-	-	-	-	-	-	-	-	-
Congenital malformations (750-759)	3	20.7	3	-	-	1	7.0	1	-	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	3	20.7	3	-	-	2	13.9	2	-	-
Infections of the newborn (763-768)	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	3	20.7	3	-	-	7	48.7	7	-	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	2	13.8	2	-	-	5	34.8	5	-	-
All other diseases (Residual)	17	117.0	17	-	-	10	69.5	10	-	-
Motor vehicle accidents (E810-E835)	3	20.7	3	-	-	3	20.9	3	-	-
All other accidents (E800-E802, E840-E962)	8	55.1	8	-	-	8	55.6	8	-	-
Suicide and self-inflicted injury (E963, E970-E979)	-	-	-	-	-	-	-	-	-	-
Homicide and operations of war (E964, E965, E980-E999)	-	-	-	-	-	-	-	-	-	-

TABLE VII. RESIDENT BIRTHS, DEATHS AND DEATHS FROM LEADING CAUSES, NUMBER AND RATE,* FOR CITIES HAVING A POPULATION OF 2,500** OR MORE, OKLAHOMA, 1950
(Continued)

	Drumright		Duncan		Durant		Edmond		Elk City		El Reno		Enid	
Census Enumeration, April 1, 1950	5,028		15,325		10,541		6,086		7,962		10,991		36,017	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	99	19.7	441	28.8	244	23.1	165	27.1	206	25.9	249	22.7	1136	31.5
Stillbirths	2	20.2	8	18.1	3	12.3	1	6.1	3	14.6	2	8.0	18	15.8
Deaths, all causes	46	9.1	134	8.7	133	12.6	69	11.3	63	7.9	127	11.6	344	9.6
Infant deaths	2	20.2	14	31.7	10	41.9	9	54.5	8	38.8	10	40.2	35	30.8
Neonatal deaths	-	-	10	22.7	8	32.8	5	30.3	4	19.4	9	36.1	30	26.4
Maternal deaths	-	-	1	2.3	-	-	-	-	-	-	1	4.0	1	0.9
Deaths from leading causes:														
Diseases of the heart (410-443)	16	318.2	43	280.6	56	531.3	21	345.1	17	213.5	43	391.2	112	311.0
Malignant neoplasms (140-205)	1	19.9	19	124.0	12	113.8	12	197.2	7	87.9	15	136.5	48	133.3
Vascular lesions affecting central nervous system (330-334)	11	218.8	17	110.9	8	75.9	13	213.6	8	100.5	13	118.3	48	133.3
Accidents (E800-E962)	4	79.6	8	52.2	6	56.9	5	82.2	2	25.1	9	81.9	24	66.6
Congenital malformations and certain diseases of early infancy (750-776)	1	19.9	11	71.8	9	85.4	6	98.6	5	62.8	8	72.8	30	83.3
Pneumonia (490-493)	2	39.8	4	26.1	2	19.0	3	49.3	5	62.8	5	45.5	3	8.3
Tuberculosis (001-019)	2	39.8	4	26.1	3	28.5	-	-	2	25.1	1	9.1	3	8.3
Nephritis and nephrosis (590-594)	-	-	1	6.5	5	47.4	1	16.4	2	25.1	1	9.1	8	22.2

	Eufaula		Frederick		Guthrie		Guymon		Healdton		Henryetta		Hobart	
Census Enumeration, April 1, 1950	2,540		5,467		10,113		4,718		2,578		7,987		5,380	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	70	27.6	130	23.8	206	20.4	166	35.2	65	25.2	217	27.2	137	25.5
Stillbirths	1	14.3	4	30.8	1	4.9	-	-	3	46.2	6	27.6	2	14.6
Deaths, all causes	22	8.7	67	12.3	139	13.7	28	5.9	25	9.7	104	13.0	64	11.9
Infant deaths	1	14.3	7	53.8	10	48.5	6	36.1	2	30.8	11	50.7	7	51.1
Neonatal deaths	-	-	4	30.8	9	43.7	5	30.1	1	15.4	9	41.5	4	29.2
Maternal deaths	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deaths from leading causes:														
Diseases of the heart (410-443)	6	236.2	25	457.3	46	454.9	9	190.8	13	504.3	39	488.3	29	539.0
Malignant neoplasms (140-205)	6	236.2	9	164.6	25	247.2	3	63.6	2	77.6	11	137.7	8	148.7
Vascular lesions affecting central nervous system (330-334)	3	118.1	8	146.3	17	168.1	3	63.6	6	232.7	15	187.8	2	37.2
Accidents (E800-E962)	1	39.4	1	18.3	10	98.9	1	21.2	1	38.8	4	50.1	2	37.2
Congenital malformations and certain diseases of early infancy (750-776)	-	-	4	73.2	8	79.1	5	106.0	1	38.8	11	137.7	4	74.3
Pneumonia (490-493)	2	78.7	1	18.3	3	29.7	-	-	-	-	3	37.6	6	111.5
Tuberculosis (001-019)	1	39.4	1	18.3	3	29.7	-	-	-	-	2	25.0	-	-
Nephritis and nephrosis (590-594)	-	-	-	-	1	9.9	1	21.2	1	38.8	1	12.5	1	18.6

	Holdenville		Hollis		Hominy		Hugo		Idabel		Kingfisher		Konawa	
Census Enumeration, April 1, 1950	6,192		3,089		2,702		5,984		4,671		3,345		2,707	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	124	20.0	68	22.0	64	23.7	103	17.2	82	17.6	73	21.8	29	10.7
Stillbirths	2	16.1	-	-	3	46.9	2	19.4	3	36.6	-	-	1	34.5
Deaths, all causes	95	15.3	39	12.6	44	16.3	96	16.0	57	12.2	43	12.9	12	4.4
Infant deaths	6	48.4	5	73.5	2	31.3	5	48.5	3	36.6	3	41.1	-	-
Neonatal deaths	4	32.3	2	29.4	2	31.3	4	38.8	3	36.6	2	27.4	-	-
Maternal deaths	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deaths from leading causes:														
Diseases of the heart (410-443)	25	403.7	5	161.9	12	444.1	33	551.5	20	428.2	14	418.5	4	147.8
Malignant neoplasms (140-205)	8	129.2	4	129.5	8	296.1	12	200.5	6	128.5	4	119.6	1	36.9
Vascular lesions affecting central nervous system (330-334)	12	193.8	7	226.6	7	259.1	13	217.2	8	171.3	3	89.7	2	73.9
Accidents (E800-E962)	11	177.6	3	97.1	4	148.0	8	133.7	2	42.8	4	119.6	-	-
Congenital malformations and certain diseases of early infancy (750-776)	7	113.0	2	64.7	1	37.0	3	50.1	4	85.6	2	59.8	-	-
Pneumonia (490-493)	5	80.7	6	194.2	1	37.0	4	66.8	2	42.8	-	-	-	-
Tuberculosis (001-019)	4	64.6	-	-	2	74.0	2	33.4	3	64.2	1	29.9	-	-
Nephritis and nephrosis (590-594)	1	16.1	-	-	1	37.0	2	33.4	1	21.4	1	29.9	2	73.9

TABLE VII. RESIDENT BIRTHS, DEATHS AND DEATHS FROM LEADING CAUSES, NUMBER AND RATE,* FOR CITIES HAVING A POPULATION OF 2,500** OR MORE, OKLAHOMA, 1950
(Continued)

	Lawton		Lindsay		McAlester		Madill		Mangum		Marlow		Miami	
Census Enumeration, April 1, 1950	34,757		3,021		17,878		2,791		4,271		3,399		11,801	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	937	27.0	81	26.8	343	19.2	62	22.2	88	20.6	61	17.9	304	25.8
Stillbirths	15	16.0	3	37.0	6	17.5	-	-	1	11.4	-	-	3	9.9
Deaths, all causes	255	7.3	17	5.6	152	8.5	41	14.7	55	12.9	36	10.6	119	10.1
Infant deaths	53	56.6	1	12.3	6	17.5	-	-	3	34.1	1	16.4	5	16.4
Neonatal deaths	35	37.4	-	-	5	14.6	-	-	3	34.1	1	16.4	2	6.6
Maternal deaths	1	1.1	-	-	-	-	-	-	-	-	-	-	1	3.3
Deaths from leading causes:														
Diseases of the heart (410-443)	60	172.6	8	264.8	46	257.3	14	501.6	15	351.2	8	235.4	31	262.7
Malignant neoplasms (140-205)	29	83.4	2	66.2	29	162.2	9	322.5	10	234.1	1	29.4	22	186.4
Vascular lesions affecting central nervous system (330-334)	22	63.3	2	66.2	20	111.9	6	215.0	6	140.5	6	176.5	15	127.1
Accidents (E800-E962)	20	57.5	2	66.2	8	44.7	2	71.7	6	140.5	2	58.8	6	50.8
Congenital malformations and certain diseases of early infancy (750-776)	41	118.0	-	-	5	28.0	-	-	3	70.2	1	29.4	3	25.4
Pneumonia (490-493)	13	37.4	2	66.2	4	22.4	1	35.8	1	23.4	1	29.4	6	50.8
Tuberculosis (001-019)	9	25.9	-	-	4	22.4	1	35.8	3	70.2	-	-	2	16.9
Nephritis and nephrosis (590-594)	3	8.6	-	-	2	11.2	1	35.8	1	23.4	1	29.4	3	25.4

	Midwest City		Muskogee		Nichols Hills		Norman		Nowata		Okemah		Okla. City	
Census Enumeration, April 1, 1950	10,166		37,289		2,606		27,006		3,965		3,454		243,504	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	370	36.4	878	23.5	36	13.8	658	24.4	108	27.2	74	21.4	6491	26.7
Stillbirths	3	8.1	23	26.2	-	-	7	10.6	-	-	1	13.5	86	13.2
Deaths, all causes	33	3.2	436	11.7	7	2.7	174	6.4	61	15.4	43	12.4	2086	8.6
Infant deaths	13	35.1	27	30.8	1	27.8	16	24.3	3	27.8	-	-	152	23.4
Neonatal deaths	11	29.7	19	21.6	-	-	11	16.7	2	18.5	-	-	114	17.6
Maternal deaths	-	-	2	2.3	-	-	-	-	-	-	-	-	3	0.5
Deaths from leading causes:														
Diseases of the heart (410-443)	5	49.2	154	413.0	4	153.5	57	211.1	27	681.0	17	492.2	728	299.0
Malignant neoplasms (140-205)	6	59.0	55	147.5	-	-	25	92.6	9	227.0	6	173.7	323	132.6
Vascular lesions affecting central nervous system (330-334)	2	19.7	61	163.6	1	38.4	21	77.8	3	75.7	3	86.9	236	96.9
Accidents (E800-E962)	-	-	23	61.7	-	-	11	40.7	3	75.7	1	29.0	148	60.8
Congenital malformations and certain diseases of early infancy (750-776)	13	127.9	20	53.6	-	-	12	44.4	2	50.4	-	-	127	52.2
Pneumonia (490-493)	2	19.7	10	26.8	1	38.4	9	33.3	-	-	1	29.0	43	17.7
Tuberculosis (001-019)	-	-	16	42.9	-	-	5	18.5	1	25.2	4	115.8	51	20.9
Nephritis and nephrosis (590-594)	-	-	8	21.5	-	-	2	7.4	1	25.2	-	-	40	16.4

	Okmulgee		Pauls Valley		Pawhuska		Pawnee		Perry		Picher		Ponca City	
Census Enumeration, April 1, 1950	18,317		6,896		5,331		2,861		5,137		3,951		20,180	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	419	22.9	200	29.0	118	22.1	53	18.5	104	20.2	108	27.3	492	24.4
Stillbirths	6	14.3	2	10.0	1	8.5	-	-	1	9.6	-	-	14	28.5
Deaths, all causes	206	11.2	61	8.8	58	10.9	51	17.8	53	10.3	57	14.4	176	8.7
Infant deaths	21	50.1	6	30.0	6	50.8	5	94.3	1	9.6	6	55.6	15	30.5
Neonatal deaths	16	38.2	4	20.0	4	33.9	4	75.5	1	9.6	-	-	9	18.3
Maternal deaths	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deaths from leading causes:														
Diseases of the heart (410-443)	70	382.2	13	188.5	11	206.3	13	454.4	14	272.5	11	278.4	57	282.5
Malignant neoplasms (140-205)	19	103.7	10	145.0	3	56.3	9	314.6	10	194.7	8	202.5	27	133.8
Vascular lesions affecting central nervous system (330-334)	26	141.9	8	116.0	10	187.6	8	279.6	7	136.3	2	50.6	17	84.2
Accidents (E800-E962)	8	43.7	7	101.5	1	18.8	1	35.0	6	116.8	4	101.2	21	104.1
Congenital malformations and certain diseases of early infancy (750-776)	15	81.9	6	87.0	4	75.0	4	139.8	2	38.9	-	-	11	54.5
Pneumonia (490-493)	6	32.8	1	14.5	1	18.8	2	69.9	1	19.5	3	75.9	6	29.7
Tuberculosis (001-019)	5	27.3	2	29.0	5	93.8	-	-	1	19.5	7	177.2	4	19.8
Nephritis and nephrosis (590-594)	9	49.1	2	29.0	1	18.8	-	-	2	38.9	3	75.9	3	14.9

TABLE VI. RESIDENT BIRTHS, DEATHS, AND DEATHS BY IMPORTANT CAUSES, NUMBER AND RATE, BY RACE
OKLAHOMA CITY AND TULSA, 1950

	OKLAHOMA CITY					TULSA				
	Total		Race			Total		Race		
Census enumeration, April 1, 1950	243,504		Wh.	Neg.	Ind.	182,740		Wh.	Neg.	Ind.
	No.	Rate	No.	No.	No.	No.	Rate	No.	No.	No.
Live births*	6491	26.7	5726	707	58	4768	26.1	4210	509	49
Physician in hospital	6377	...	5639	683	55	4549	...	4115	388	46
Physician in home	99	...	75	21	3	130	...	88	39	3
Midwife, other, or unknown	15	...	12	3	-	89	...	7	82	-
Stillbirths †	86	13.2	64	20	2	79	16.6	59	20	-
Physician in hospital	82	...	62	18	2	69	...	58	11	-
Physician in home	1	...	1	-	-	9	...	1	8	-
Midwife, other, or unknown	3	...	1	2	-	1	...	-	1	-
Total deaths, all causes*	2086	8.6	1876	205	5	1644	9.0	1399	242	3
Deaths under 1 year †	152	23.4	128	24	-	137	28.7	105	32	-
Deaths under 1 month †	114	17.6	95	19	-	103	21.6	84	19	-
Tuberculosis of respiratory system (001-008)	47	19.3	38	9	-	35	19.2	25	9	1
Tuberculosis, other forms (010-019)	4	1.6	2	1	1	3	1.6	2	1	-
Syphilis and its sequelae (020-029)	8	3.3	6	2	-	22	12.0	15	7	-
Typhoid fever (040)	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms (045-048)	1	0.4	1	-	-	1	0.5	-	1	-
Scarlet fever and streptococcal sore throat (050, 051)	-	-	-	-	-	-	-	-	-	-
Diphtheria (055)	-	-	-	-	-	-	-	-	-	-
Whooping cough (056)	1	0.4	1	-	-	1	0.5	1	-	-
Meningococcal infections (057)	3	1.2	2	1	-	-	-	-	-	-
Acute poliomyelitis (080)	5	2.1	5	-	-	-	-	-	-	-
Smallpox (084)	-	-	-	-	-	-	-	-	-	-
Measles (085)	-	-	-	-	-	-	-	-	-	-
Typhus and other rickettsial diseases (100-108)	-	-	-	-	-	-	-	-	-	-
Malaria (110-117)	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic (030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	5	2.1	5	-	-	8	4.4	8	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	323	132.6	298	25	-	236	129.1	220	16	-
Benign and unspecified neoplasms (210-239)	7	2.9	6	1	-	5	2.7	4	1	-
Diabetes mellitus (260)	25	10.3	24	1	-	30	16.4	28	2	-
Anemias (290-293)	3	1.2	3	-	-	4	2.2	3	1	-
Vascular lesions affecting central nervous system (330-334)	236	96.9	222	14	-	176	96.3	149	27	-
Nonmeningococcal meningitis (340)	3	1.2	2	1	-	2	1.1	2	-	-
Rheumatic fever (400-402)	2	0.8	2	-	-	2	1.1	1	1	-
Chronic rheumatic heart disease (410-416)	20	8.2	20	-	-	18	9.9	18	-	-
Arteriosclerotic and degenerative heart disease (420-422)	481	197.5	463	17	1	372	203.6	341	31	-
Other diseases of heart (430-434)	125	51.3	105	20	-	33	18.1	24	8	1
Hypertension with heart disease (440-443)	102	41.9	74	27	1	68	37.2	54	14	-
Hypertension without mention of heart (444-447)	22	9.0	20	2	-	22	12.0	19	3	-
Influenza (480-483)	12	4.9	11	1	-	11	6.0	8	3	-
Pneumonia (490-493)	43	17.7	34	9	-	50	27.4	28	22	-
Bronchitis (500-502)	3	1.2	1	2	-	4	2.2	4	-	-
Ulcer of stomach and duodenum (540, 541)	13	5.3	13	-	-	13	7.1	10	3	-
Appendicitis (550-553)	3	1.2	2	1	-	3	1.6	2	1	-
Intestinal obstruction and hernia (560, 561, 570)	17	7.0	16	1	-	10	5.5	7	3	-
Gastritis, duodenitis, enteritis and colitis, except diarrhea of the newborn (543, 571, 572)	11	4.5	11	-	-	9	4.9	4	5	-
Cirrhosis of liver (581)	10	4.1	9	-	1	13	7.1	13	-	-
Nephritis and nephrosis (590-594)	40	16.4	19	20	1	47	25.7	26	21	-
Hyperplasia of prostate (610)	10	4.1	10	-	-	11	6.0	8	3	-
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689) †	3	0.5	2	1	-	7	1.5	7	-	-
Congenital malformations (750-759)	20	8.2	18	2	-	27	14.8	25	2	-
Birth injuries, postnatal asphyxia and atelectasis (760-762)	58	23.8	50	8	-	34	18.6	26	8	-
Infections of the newborn (763-768)	5	2.1	2	3	-	2	1.1	1	1	-
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	44	18.1	36	8	-	47	25.7	39	8	-
Senility without mention of psychosis, ill-defined and unknown causes (780-795)	33	13.6	28	5	-	45	24.6	32	13	-
All other diseases (Residual)	150	61.6	140	10	-	134	73.3	124	10	-
Motor vehicle accidents (E810-E835)	61	25.1	60	1	-	42	23.0	38	3	1
All other accidents (E800-E802, E840-E962)	87	35.7	81	6	-	62	33.9	56	6	-
Suicide and self-inflicted injury (E963, E970-E979)	22	9.0	21	1	-	22	12.0	22	-	-
Homicide and operations of war (E964, E965, E980-E999)	18	7.4	13	5	-	13	7.1	5	8	-

TABLE VII. RESIDENT BIRTHS, DEATHS AND DEATHS FROM LEADING CAUSES, NUMBER AND RATE,* FOR CITIES HAVING A POPULATION OF 2,500** OR MORE, OKLAHOMA, 1950

	Ada		Altus		Alva		Anadarko		Antlers		Ardmore		Atoka	
Census Enumeration, April 1, 1950	15,995		9,735		6,505		6,184		2,506		17,890		2,653	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	375	23.4	251	25.8	168	25.8	153	24.7	74	29.5	399	22.3	106	40.0
Stillbirths	11	29.3	2	8.0	4	23.8	1	6.5	-	-	11	27.6	1	9.4
Deaths, all causes	150	9.4	99	10.2	56	8.6	68	11.0	34	13.6	203	11.3	33	12.4
Infant deaths	4	10.7	6	23.9	3	17.9	5	32.7	3	40.5	13	32.6	2	18.9
Neonatal deaths	4	10.7	3	12.0	2	11.9	2	13.1	3	40.5	11	27.6	-	-
Maternal deaths	-	-	-	-	-	-	-	-	-	-	-	-	1	9.4
Deaths from leading causes:														
Diseases of the heart (410-443)	42	262.6	23	236.3	26	399.7	22	355.8	13	518.8	62	346.6	11	414.6
Malignant neoplasms (140-205)	29	181.3	17	174.6	4	61.5	9	145.5	5	199.5	25	139.7	3	113.1
Vascular lesions affecting central nervous system (330-334)	28	175.1	11	113.0	3	46.1	6	97.0	3	119.7	34	190.1	-	-
Accidents (E800-E962)	5	31.3	5	51.4	8	123.0	2	32.3	3	119.7	15	83.8	3	113.1
Congenital malformations and certain diseases of early infancy (750-776)	4	25.0	5	51.4	3	46.1	3	48.5	3	119.7	10	55.9	1	37.7
Pneumonia (490-493)	3	18.8	7	71.9	2	30.7	3	48.5	1	39.9	2	11.2	1	37.7
Tuberculosis (001-019)	4	25.0	3	30.8	1	15.4	1	16.2	1	39.9	5	27.9	1	37.7
Nephritis and nephrosis (590-594)	5	31.3	4	41.1	1	15.4	1	16.2	-	-	8	44.7	2	75.4

	Bartlesville		Bethany		Blackwell		Bristow		Broken Arrow		Chandler		Checotah	
Census Enumeration, April 1, 1950	19,228		5,705		9,199		5,400		3,262		2,724		2,638	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	486	25.3	285	50.0	209	22.7	106	19.6	80	24.5	73	26.8	67	25.4
Stillbirths	8	16.5	2	7.0	2	9.6	1	9.4	-	-	-	-	4	59.7
Deaths, all causes	184	9.6	34	6.0	92	10.0	51	9.4	33	10.1	29	10.6	26	9.9
Infant deaths	21	43.2	3	10.5	7	33.5	5	47.2	1	12.5	-	-	1	14.9
Neonatal deaths	12	24.7	2	7.0	7	33.5	2	18.9	-	-	-	-	-	-
Maternal deaths	-	-	-	-	1	4.8	-	-	-	-	-	-	-	-
Deaths from leading causes:														
Diseases of the heart (410-443)	63	327.6	7	122.7	27	293.5	16	296.3	10	306.6	14	514.0	7	265.4
Malignant neoplasms (140-205)	20	104.0	9	157.8	11	119.6	5	92.6	5	153.3	1	36.7	4	151.6
Vascular lesions affecting central nervous system (330-334)	21	109.2	5	87.6	12	130.4	5	92.6	8	245.2	4	146.8	3	113.7
Accidents (E800-E962)	7	36.4	1	17.5	5	54.4	3	55.6	2	61.3	2	73.4	1	37.9
Congenital malformations and certain diseases of early infancy (750-776)	15	78.0	2	35.1	8	87.0	3	55.6	1	30.7	-	-	-	-
Pneumonia (490-493)	3	15.6	2	35.1	1	10.9	4	74.1	-	-	-	-	1	37.9
Tuberculosis (001-019)	3	15.6	1	17.5	-	-	1	18.5	-	-	-	-	3	113.7
Nephritis and nephrosis (590-594)	6	31.2	-	-	1	10.9	2	37.0	1	30.7	-	-	-	-

	Cherokee		Chickasha		Claremore		Clinton		Cordell		Cushing		Dewey	
Census Enumeration, April 1, 1950	2,635		15,842		5,494		7,555		2,920		8,414		2,513	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	58	22.0	350	22.1	135	24.6	192	25.4	63	21.6	228	27.1	56	22.3
Stillbirths	-	-	7	20.0	4	29.6	2	10.4	-	-	9	39.5	-	-
Deaths, all causes	29	11.0	147	9.3	75	13.7	67	8.9	26	8.9	94	11.2	32	12.7
Infant deaths	1	17.2	13	37.1	7	51.9	8	41.7	2	31.7	8	35.1	1	17.9
Neonatal deaths	1	17.2	9	25.7	5	37.0	5	26.0	2	31.7	6	26.3	-	-
Maternal deaths	-	-	1	2.9	-	-	-	-	-	-	-	-	1	17.9
Deaths from leading causes:														
Diseases of the heart (410-443)	9	341.6	51	321.9	29	527.8	16	211.8	8	274.0	27	320.9	10	397.9
Malignant neoplasms (140-205)	3	113.9	22	138.9	6	109.2	7	92.7	2	68.5	17	202.0	6	238.8
Vascular lesions affecting central nervous system (330-334)	6	227.7	12	75.7	6	109.2	8	105.9	2	68.5	9	107.0	4	159.2
Accidents (E800-E962)	1	38.0	8	50.5	5	91.0	5	66.2	1	34.2	7	83.2	3	119.4
Congenital malformations and certain diseases of early infancy (750-776)	1	38.0	10	63.1	5	91.0	7	92.7	2	68.5	8	95.1	-	-
Pneumonia (490-493)	1	38.0	2	12.6	2	36.4	2	26.5	2	68.5	2	23.8	-	-
Tuberculosis (001-019)	1	38.0	2	12.6	2	36.4	2	26.5	-	-	-	-	2	79.6
Nephritis and nephrosis (590-594)	-	-	2	12.6	2	36.4	1	13.2	2	68.5	3	35.7	-	-

* See notes on Table A.

** Cities having a population of 2,500 or more in the 1950 census except data for Del City which was not tabulated separately before the final census figures were released.

TABLE VII. RESIDENT BIRTHS, DEATHS AND DEATHS FROM LEADING CAUSES, NUMBER AND RATE,* FOR CITIES HAVING A POPULATION OF 2,500** OR MORE, OKLAHOMA, 1950
(Continued)

	Poteau		Pryor		Purcell		Sallisaw		Sand Springs		Sapulpa		Sayre	
Census Enumeration, April 1, 1950	4,776		4,486		3,546		2,885		6,994		13,031		3,362	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	101	21.1	69	15.4	88	24.8	62	21.5	247	35.3	285	21.9	71	21.1
Stillbirths	2	19.8	1	14.5	-	-	3	48.4	5	20.2	7	24.6	3	42.3
Deaths, all causes	45	9.4	34	7.6	34	9.6	27	9.4	57	8.1	127	9.7	37	11.0
Infant deaths	2	19.8	2	29.0	3	34.1	2	32.3	2	8.1	11	38.6	2	28.2
Neonatal deaths	1	9.9	1	14.5	3	34.1	2	32.3	2	8.1	9	31.6	2	28.2
Maternal deaths	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deaths from leading causes:														
Diseases of the heart (410-443)	14	293.1	15	334.4	12	338.4	10	346.6	17	243.1	46	353.0	6	178.5
Malignant neoplasms (140-205)	6	125.6	4	89.2	6	169.2	2	69.3	6	85.8	11	84.4	6	178.5
Vascular lesions affecting central nervous system (330-334)	6	125.6	4	89.2	2	56.4	5	173.3	7	100.1	17	130.5	6	178.5
Accidents (E800-E962)	4	83.8	4	89.2	2	56.4	1	34.7	3	42.9	11	84.4	3	89.2
Congenital malformations and certain diseases of early infancy (750-776)	1	20.9	1	22.3	2	56.4	2	69.3	2	28.6	10	76.7	2	59.5
Pneumonia (490-493)	1	20.9	1	22.3	1	28.2	-	-	1	14.3	1	7.7	1	29.7
Tuberculosis (001-019)	1	20.9	1	22.3	1	28.2	1	34.7	1	14.3	5	38.4	1	29.7
Nephritis and nephrosis (590-594)	1	20.9	1	22.3	-	-	-	-	2	28.6	3	23.0	1	29.7

	Seminole		Shawnee		Stillwater		Sulphur		Tahlequah		Tonkawa		Tulsa	
Census Enumeration, April 1, 1950	11,863		22,948		20,238		4,389		4,750		3,643		182,740	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	238	20.1	554	24.1	632	31.2	69	15.7	125	26.3	85	23.3	4768	26.1
Stillbirths	2	8.4	8	14.4	1	1.6	1	14.5	-	-	1	11.8	79	16.6
Deaths, all causes	111	9.4	237	10.3	118	5.8	77	17.5	38	8.0	47	12.9	1644	9.0
Infant deaths	13	54.6	13	23.5	8	12.7	4	58.0	3	24.0	5	58.8	137	28.7
Neonatal deaths	10	42.0	9	16.2	8	12.7	2	29.0	2	16.0	5	58.8	103	21.6
Maternal deaths	-	-	-	-	-	-	-	-	-	-	-	-	7	1.5
Deaths from leading causes:														
Diseases of the heart (410-443)	34	286.6	85	370.4	35	172.9	35	797.4	16	336.8	17	466.6	491	268.7
Malignant neoplasms (140-205)	15	126.4	43	187.4	23	113.6	10	227.8	4	84.2	10	274.5	236	129.1
Vascular lesions affecting central nervous system (330-334)	7	59.0	25	108.9	8	39.5	6	136.7	4	84.2	5	137.2	176	96.3
Accidents (E800-E962)	11	92.7	17	74.1	11	54.4	3	68.4	1	21.1	1	27.4	104	56.9
Congenital malformations and certain diseases of early infancy (750-776)	9	75.9	8	34.9	8	39.5	2	45.6	2	42.1	4	109.8	110	60.2
Pneumonia (490-493)	1	8.4	4	17.4	3	14.8	2	45.6	2	42.1	1	27.4	50	27.4
Tuberculosis (001-019)	3	25.3	1	4.4	-	-	6	136.7	1	21.1	1	27.4	38	20.8
Nephritis and nephrosis (590-594)	1	8.4	3	13.1	4	19.8	1	22.8	1	21.1	-	-	47	25.7

	Vinita		Wagoner		Walters		Watonga		Weatherford		Wewoka		Woodward	
Census Enumeration, April 1, 1950	5,518		4,395		2,743		3,249		3,529		6,747		5,915	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Live births	148	26.8	124	28.2	79	28.8	83	25.5	91	25.8	143	21.2	149	25.2
Stillbirths	5	33.8	1	8.1	2	25.3	2	24.1	-	-	6	42.0	5	33.6
Deaths, all causes	89	16.1	54	12.3	33	12.0	42	12.9	35	9.9	66	9.8	78	13.2
Infant deaths	10	67.6	4	32.3	-	-	4	48.2	2	22.0	9	62.9	7	47.0
Neonatal deaths	6	40.5	4	32.3	-	-	3	36.1	2	22.0	7	49.0	5	33.6
Maternal deaths	-	-	-	-	1	12.7	-	-	-	-	1	7.0	-	-
Deaths from leading causes:														
Diseases of the heart (410-443)	22	398.7	20	455.1	13	473.9	13	400.1	12	340.0	17	252.0	18	304.3
Malignant neoplasms (140-205)	13	235.6	8	182.0	3	109.4	6	184.7	3	85.0	4	59.3	13	219.8
Vascular lesions affecting central nervous system (330-334)	11	199.3	8	182.0	4	145.8	2	61.6	3	85.0	6	88.9	7	118.3
Accidents (E800-E962)	3	54.4	3	68.3	2	72.9	5	153.9	3	85.0	4	59.3	8	135.2
Congenital malformations and certain diseases of early infancy (750-776)	8	145.0	4	91.0	-	-	3	92.3	2	56.7	6	88.9	5	84.5
Pneumonia (490-493)	5	90.6	-	-	-	-	3	92.3	1	28.3	2	29.6	4	67.6
Tuberculosis (001-019)	5	90.6	1	22.8	1	36.5	2	61.6	1	28.3	3	44.5	1	16.9
Nephritis and nephrosis (590-594)	1	18.1	-	-	1	36.5	1	30.8	1	28.3	2	29.6	2	33.8