PUBLIC HEALTH STATISTICS

STATE OF

OKLAHOMA

1961



PART I REPORTABLE DISEASES

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PARTI

REPORTABLE DISEASES

Oklahoma State Department of Health Oklahoma City, Oklahoma

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PUBLIC HEALTH STATISTICS OF OKLAHOMA

REPORTABLE DISEASES

1961

Statistical information about cases of certain diseases that occurred in Oklahoma and that were reported during 1961 are published in this eighteenth edition of Part I, Public Health Statistics, State of Oklahoma. Case reports from practicing physicians, hospitals, clinics, county superintendents of health, and local health departments throughout the State provide the chief source of the information. Interstate reciprocal notifications of cases presumably contracted in Oklahoma or Oklahoma cases that were diagnosed or treated in other states were included a 1so. Death certificates constituted case reports for those cases unreported prior to death. Positive laboratory reports for certain diseases were queried routinely for the physician's confirmation of the diagnosis before they too were counted as case reports.

Reports thought to be duplicates were eliminated before tabulating. Case registers were maintained on tuberculosis and venereal diseases; cumulative files were maintained on recurrent or long-term diseases; and annual files were retained for acute communicable diseases. Completeness of reporting cannot be accurately measured, varying considerably for different diseases and in different areas according to public interest, stimulation of reporting through surveys, etc. One major change in the reporting system may have resulted in a smaller proportion of cases being reported. Prior to 1958, report cards were sent each week to the physicians and institutions in the State, thus constantly reminding them to report cases that occurred during the current week. Since that time, however, an initial supply of report cards have been furnished periodically and thereafter only upon request to be used for reporting when cases occurred.

The appendix tables, uniform in format from year to year, provide comparable information with regard to certain characteristics of the person in whom cases of disease occurred, and show the seasonal and geographical distributions of the cases. Cases that occurred among civilians were allocated to the county where the disease was contracted, which in most instances was the county of residence. Cases among the military population were included in State totals and tabulated separately, but were not allocated to counties since they are the responsibility of the military authorities rather than local health officials. In the discussions which immediately follow, certain observations have been selected for analysis and presentation in charts and summary tables.

A population estimate of 2,398,000 as of July 1, 1961, was used for computing 1961 attack rates for the State. Crude and race-specific attack rates are shown in Table II in the Appendix. The rates included in the historical Table I are based on revised population estimates computed by interpolation between the 1950 and 1960 census enumerations.

ACUTE COMMUNICABLE DISEASES

For the eleventh consecutive year, no cases of smallpox were reported in the State, which is a tribute to the effectiveness of communicable disease control measures for this disease. In the preceding eleven-year period, 1940-1950, there were 328 cases reported, of which 198 were reported in 1940.

There were 9 cases of diphtheria reported for the year, none resulting in death. This figure was down from the 25 cases reported for the previous year, 1960, when one resulted in death. All of the eight cases with race specified were among the white population, 2 males and 6 females.

There were only 16 cases of whooping cough reported during the year. This figure was considerably lower than the 103 and 139 cases reported for the years 1960 and 1959, respectively. Five of the 10 cases with age specified were under one year of age, 2 were one, 1 was four, and 2 were in the five-nine age group. None of the cases died.

The number of reported cases of typhoid fever during the year was up to 15 as compared to 12 in 1960. For the second consecutive year, no deaths were reported due to this disease. Four of the fourteen cases reported with age specified were under 10 years of age; the others were scattered in the age groups ranging from 15 through 74.

POLIOMYELITIS

Only 5 cases of poliomyelitis were reported during 1961 as compared with 18 cases during the previous year. This number of cases was the smallest yet reported during any calendar year. These cases made an attack rate of 0.2 per 100,000 estimated population, which was also the lowest rate of any year. Attack rates for the white and Negro population groups were 0.2 and 0.6, respectively; no cases were reported among the Indian population. No deaths resulted from these reported cases.

The low number recorded during the year continued the decline which was taking place from 1952 to 1960, with the exception of 1959. The 1959 number and rate disrupted somewhat the State's declining trend since the 167 cases reported that year was more than two and a half times the number in the preceding year.

Of the five acute poliomyelitis cases reported during the year, 3 were specified as paralytic and 2 were specified as non-paralytic. During the three years 1956-1958, approximately 42.6 per cent of the cases with paralytic status reported were specified as paralytic; for 1959-1961, about 75.6 per cent of the cases were specified as paralytic.

During 1961, 4 of the poliomyelitis cases occurred among the male population. The number of male cases has outnumbered the female in every year of the last decade. Two cases were reported in July, 2 in August, and the other one in October.

RESPIRATORY STREPTOCOCCAL INFECTIONS AND RHEUMATIC FEVER

The number of reported cases of streptococcal sore throat, including scarlet fever, was 947. This was up from the 541 cases reported in 1960 but lower than the 1,354 reported in 1959. There were two deaths attributed to this cause.

Fourteen cases of rheumatic fever were reported of which 12 were white, one Negro, and one Indian. Persons in the younger age groups were most frequent victims of this disease. Seven of the 13 cases reported with age specified were in the 5-9 age group, 5 in the 10-14, one in the 15-19. Nine of the cases were in males and 5 were in females.

INTESTINAL DISEASES

A total of 173 cases of dysentery was reported during the year as compared to 49 cases reported in 1960. This number is the highest since 1955 when 307 cases were reported. Of the 173 reported cases, 101 were specified as amebic, 70 as bacillary, and 2 were unspecified. As in the past years, rates were higher among the Negro and Indian population groups than the white. Negro and Indian rates were 9,6 and 30,9, respectively; whereas, the white rate was only 5.8 per 100,000 estimated population.

The 15 cases of typhoid fever reported during 1961 were discussed in the section relating to acute communicable diseases. Other salmonellosis (including paratyphoid fever) cases total 40. Thirty-two of the 35 with race specified were among the white population, 2 among the Negro, and one among the Indian.

For the third consecutive year, no cases of botulism were reported in Oklahoma. The most recent case was reported from Rogers County in May of 1958.

Eleven cases of brucellosis were reported during the year; 5 were recorded in 1960 and 3 in 1950. Two of the 1961 cases were reported in the month of May, 3 in July, 5 in September, and one in December. Canadian and Lincoln Counties reported 2 cases each, with one each in Atoka, Choctaw, Kiowa, Logan, McCurtain, Oklahoma, and Rogers.

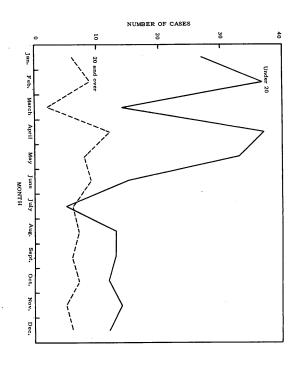
OTHER ACUTE COMMUNICABLE DISEASES

Infectious hepatitis cases numbered 346 during the 1961 year, slightly less than the 350 reported for 1960. This disease was more prominent among younger age groups during the year, with 232, or 73.7 per cent, of 315 with age specified being reported in persons less than 20 years of age. Only 18 cases were reported in persons over 45 years of age.

Almost 60 per cent of the cases occurred in the first five months of the year, with peaks in February and April. The seasonal trend lines for cases under 20 years of age and 20 years and over are shown in Chart 1. The under 20 years of age line exceeds the other in every month except in July when the incidence was lowest.

Chart 1

Reported Cases of Infectious Hepatitis, Under 20 Years of Age and 20 Years of Age and Over, by Month Reported, Oklahoma, 1961



The 605 cases of measles reported during 1961 dropped from 1,232 and 717 in 1960 and 1959, respectively. The highest number ever reported in Oklahoma, was the more than 10,000 figure for 1956. The months of high incidence of measles during the year were May, June, August, and November; 81.7 per cent of the cases were reported during these four months. Since this disease was not required to be reported by age, race, and sex, no data are available by these breakdowns. Four deaths, all in children 5-9 years of age, were attributed to measles.

Meningococcal infections were down from 25 cases in 1960 to 17 in 1961, but that number was more than the record low of 12 cases reported in 1959. Fifteen of 17 reported cases were under 15 years of age, with one each in the 15-19 and 25-29 age groups. This again supports the fact that the younger age groups are more susceptible to this disease. One death during the year occurred to a child under five years of age.

Aseptic meningitis cases reported during 1961 totaled 18, higher than the 13 reported during 1960. Prior to 1960, aseptic meningitis was included in the non-meningococcal category, but other non-meningococcal infections are no longer reportable.

Twenty-two cases of infectious encephalitis were reported during 1961, this being one more than the 1960 number. Five cases resulted in death during the year, all of which were among the white population.

No cases of rabies in man were reported during the year, but 20 cases of rabies in animals were detected by the State Laboratory. The last year a case of rabies in man was reported was in 1952 when two cases were reported to the State Department of Health.

Other diseases along with the number of cases reported were: Rocky Mountain spotted fever, 8; tetanus, 5; and tularemia, 10.

Other communicable diseases with no cases reported during the year were anthrax in man, glanders, malaria, leptospirosis, psittacosis, trichinosis, and typhus fever.

TUBERCULOSIS

The 641 cases of tuberculosis reported for 1961, down from the 670 cases reported in 1960, continued the decline that has been taking place since 1953. The attack rate was 26.8 cases per 100,000 population.

The Indian population experienced the highest attack rate, 156.1, followed by the Negro, 52.0, and the white, 21.1.

Reported Cases of Tuberculosis, by Type, Stage and Activity, Oklahoma, 1961

Table 1

| Type, Stage and Activity | Number | Per Cent |
|--------------------------|--------|----------|
| Tuberculosis, all forms | 641 | 100.0 |
| Pulmonary, active | 437 | 68.2 |
| Minimal | 65 | 10.1 |
| Moderately advanced | 179 | 27.9 |
| Far advanced | 167 | 26.1 |
| Stage not specified | 26 | 4.1 |
| Pulmonary, inactive | 176 | 27.4 |
| Non-pulmonary | 28 | 4.4 |
| | | |

Table 1, on the preceding page, shows the stage and activity for respiratory and non-respiratory cases. Of the 411 newly reported cases with stage and activity specified, 65, or 15.8 per cent, were in the minimal active stage; 179, or 43.6 per cent, were moderately advanced; and the remaining 167, or 40.6 per cent, were far advanced. A total of 176, or 28.7 per cent, of all cases of pulmonary tuberculosis, was specified as inactive.

VENEREAL DISEASES

A total of 1,566 cases of <u>syphilis</u> was reported during 1961, a decrease from 1,602 and 1,586 cases reported in 1960 and 1959, respectively. The 6,064 cases of <u>gonorrhea</u> was the highest number since 1948 when 7,082 cases were reported.

The age distribution of venereal disease cases is shown in Table 2. Almost two-thirds, 63.3 per cent, of the gonorrhea cases with age specified were in persons under 25 years of age. Syphilis, however, was reported less frequently in the younger age groups, with only 15.1 per cent of the syphilis cases with age specified being in persons under 25 years of age. Late and late latent syphilis was reported more frequently in cases in older age groups, but cases diagnosed as earlier stages occurred more frequently in the 15-24 age group than in any other age group.

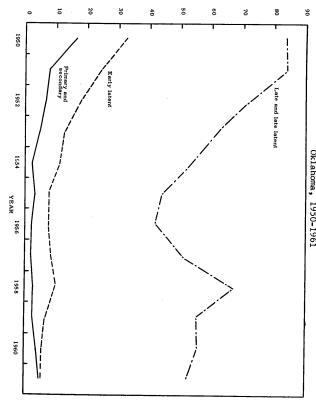
| | , | • | ı | | 6 | , | 7 | Other venereal diseases |
|------|-----|-------|-------|-------------------------|---------------------|-----|-------|-------------------------|
| | | ı | , | — | , | , | | Not stated |
| | 4 | 7 | 00 | 10 | 37 | | 76 | Congenital |
| | 411 | 215 | 157 | 66 | 44 | | 1,249 | Late and late latent |
| 20 | œ | œ | 15 | 30 | 47 | | 128 | Early latent |
| | 4 | 4 | 17 | 34 | 49 | , | 112 | Primary and secondary |
| 389 | 427 | 234 | 197 | 141 | 177 | | 1,566 | Syphilis, all stages |
| | | , | , | | | u | (Li | Gonococcal ophthalmia |
| 271 | 43 | 118 | 414 | 1,550 | 3,549 1,550 414 | 119 | 6,064 | Gonorrhea |
| 660 | 470 | 352 | | 1,692 | 123 3,732 1,692 611 | 123 | 7,640 | Total venereal diseases |
| Unk. | 55+ | 45-54 | 35-44 | 15-24 25-34 35-44 45-54 | 15-24 | -15 | Total | Disease and Stage |
| | | | Age | | | | | |

The largest number of new syphilis cases ever reported in any one year was 9,511 in 1943, for a rate of 413.0 per 100,000 population. Numbers and rates decreased to a low point in 1956 of 1,254 and 54.7, respectively. Since that time

there has been some increase with the 1961 rate of 65.3 about 19 per cent higher than the 1956 rate, in spite of the fact that the 1961 figure was below that for each of the preceding three years. Rates since 1950 for three stage groups of syphilis are plotted in Chart 2. A slight rise is shown in the line for primary and secondary syphilis for the last three years but decreases appear in the trend lines for the other two stage groups.

Chart 2

Newly Reported Cases of Syphilis, by Stage of Disease Oklahoma, 1950-1961



NUMBER PER 100,000 POPULATION

Three cases of gonococcal ophthalmia were reported during 1961, as compared with the 2 cases reported in 1960. The three cases were in infants under four weeks of age.

Only 7 cases of other types of venereal diseases were reported during 1961, considerably lower than the 39 and 20 cases in 1960 and 1959, respectively. Of these 7 cases, 6 were specified as chancroid and one as granuloma inguinale.

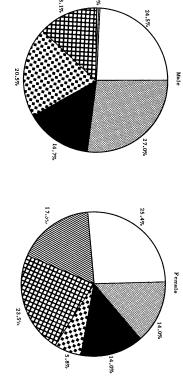
The racial distribution of gonorrhea and syphilis was somewhat different, as shown by Table II, in the Appendix, About 63.3 per cent of the reported cases of syphilis were in the white group, 27.7 per cent in the Negro group, and 9.0 per cent in the Indian population; whereas, 38.6 per cent of those having gonorrhea-were white, 54.9 per cent Negro, and 6.5 per cent Indian.

MA'LIGNANT NEOPLASMS

A total of 1,845 cancer cases were reported for the first time during 1961 through regular reporting channels representing a rate of 76.9 per 100,000 estimated population. This number and rate is known to be far from complete, as evidenced by the large number of deaths assigned to this cause which had not been reported as cases during the previous fourteen-year period in which cancer has been reportable. The cancer cases reported by death certificate only will be discussed in the following section of this bulletin. Table 3, on page 9 shows the cases reported through regular channels and those reported by death certificate only according to primary site of lesion.

Chart 3

Proportion of Reported Cancer Cases for Numerically Important Primary Sites, by Sex, Oklahoma, 1961



Skin
Digestive Organs
Respiratory System

Uterus

HHH Male Genital Organs

Millim Breast

All Other Sites

For the general population, skin was the primary site of cancer most frequently specified for reported cases, 394 of those reported during 1961. Over 75 per cent of the cases reported had the primary site specified as one of the six numerically most important sites included in Chart 3 on the preceding page. This proportion was about the same for males (75.4) and for females (74.5) but the proportion for specific sites varies as shown by the chart. The attack rate for males was higher, 88.5, than for females, 65.7, assuming the sex ratio in the 1961 population was the same as in the 1960 census. The attack rate for the general population was 76.9 cases per 100,000 estimated population. The skin category was the highest among the male population; whereas, for females, the most important primary site numerically was the uterus.

Several tables in the Appendix (Tables IV, V, VI, and VIII) give detailed information for cases as to primary site of lesion by race, sex, age, and metastatic sites. The county breakdowns in Table IX include the number of malignant neoplasms reported for each county.

Cases of Cancer Reported through Regular Channels and by Death Certificate Only, Number and Per Cent, by Primary Site of Lesion

Oklahoma, 1961

| | Cases Reported | eported | Cases Reported by | orted by |
|-----------------------------------|-----------------|----------------|-------------------|----------|
| Diamont City | Through Regular | Regular els | Death Certificate | tificate |
| | Number | Per Cent | Number | Per Cent |
| Total | 1,845 | 100.0 | 3,272 | 100.0 |
| Buccal cavity and pharynx | 56 | 3.0 | 63 | 1.9 |
| Digestive organs and peritoneum | 266 | 14.4 | 902 | 27.6 |
| Respiratory system | 260 | 14.1 | 165 | 5.0 |
| Breast | 140 | 7.6 | 264 | 8.1 |
| Uterus | 188 | 10.2 | 183 | 5.6 |
| Other female genital organs | 33 | 1.8 | 96 | 2.9 |
| Male genital organs | 137 | 7.4 | 277 | o 5 |
| Urinary organs | 84 | 4.5 | 137 | 4.2 |
| Skin, except of breast, genital | | | | |
| organs, or anus | 394 | 21.4 | 61 | 1.9 |
| Brain and other parts of central | | | | |
| nervous system | 29 | 1.6 | 68 | 2.1 |
| Bone | 12 | 0.7 | 32 | 1.0 |
| Lymphosarcoma and reticulosarcoma | 34 | 1.8 | 87 | 2.6 |
| Hodgkin's disease | 15 | 0.8 | 38 | 1.1 |
| Leukemia and aleukemia | 47 | 2.5 | 173 | 5.3 |
| Other lymphatic and hematopoietic | | | | |
| tissues | 18 | 1.0 | 46 | 1.4 |
| Other and unspecified sites | 132 | 7.2 | 680 | 20.8 |
| | | | | |

The race-specific attack rates per 100,000 estimated population, based only on the cases reported through regular channels were 76.9 among the white population, 77.6 among the Negro population, and 54.1 among the Indian.

sites were: skin, respiratory system, digestive organs, and the uterus. The digestive organs was the most common primary site of the cancer cases reported among Negroes, being listed on 27.3 per cent of the reports. Another 15.7 per cent were specified as primary in the uterus, along with 11.6 per cent specified as being primary in the male genital organs. The uterus was the most frequently reported primary site among Indians, with 31.4 per cent of the reports specifying that site; the breast was next, with 20.0 per cent of the Indian cases falling in that category. Among the white population, the first four most frequently reported primary

A total of 1,489 of the case reports specified whether or not metastasis had occurred. Of this number, 759, or 51.0 per cent, indicated that metastasis had occurred. A cross-tabulation of the primary sites, by metastatic sites is shown in Table VI in the Appendix.

Of the 1,264 case reports that stated whether or not a biopsy had been made, 1,204, or 95.3 per cent, specified that one had been made. Positive findings were obtained from 1,200, or 99.7 per cent, of the cases with biopsy performed. Only 3 cases were reported as having a negative biopsy report. One was stated as performed, but the result was not reported.

CANCER CASES REPORTED BY DEATH CERTIFICATE ONLY

It is routine practice to check cancer deaths against the accumulative file that has been maintained since August, 1947. For 1961 cancer deaths, it was found that 3,272 had not been reported before death as cases. The race and sex distributions of the cases reported by death certificate only are shown by primary site in Table V of the Appendix.

A total of 902, or 27.6 per cent, of these cases reported the malignancy to be primary in the digestive organs and peritoneum. The next most common site was the male genital organs category with 277 specified as primary. The breast was third with 264 deaths not previously reported as cases.

Symbols Used in Tables

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

Data not available

-10-

TABLE I. REPORTED CASES OF SELECTED REPORTABLE DISEASES, NUMBER AND RATE (NUMBER PER 100,00 ESTIMATED POPULATION),
OKLAHOMA, 1952-1961

| | 1952 | 52 | 1953 | 53 | 15 | 1954 | 1955 | Ğ | 1956 | 6 |
|------------------------------|--------|-------|--------|-------|--------|-------|--------|----------|--------|--------|
| Disease | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| Anthrax in man | - | , | 1 | 0.0 | | | | | | |
| Brucellosis | 68 | 3.0 | 38 | 1.7 | 40 | 1.8 | 31 | 1.4 | 19 | 0.8 |
| Diphtheria | 74 | 3,3 | 69 | 3.0 | 42 | 1.8 | 29 | ٠. د. | 66 | 2.9 |
| Dysentery | 189 | 8.4 | 225 | 9.9 | 207 | 9.1 | 307 | 13.4 | 111 | 4.8 |
| Encephalitis, infectious | 10 | 0.4 | 12 | 0.5 | 24 | 1.1 | 16 | 0.7 | 16 | 0.7 |
| Gonorrhea | 4,823 | 213.9 | 4,553 | 201.1 | 4,973 | 218.7 | 5,072 | 222.1 | 5,155 | 224.8 |
| Hepatitis, infectious | 70 | 3.1 | 175 | 7.7 | 347 | 15.3 | 201 | 8.8 | 123 | 5.4 |
| Malaria, acquired in U. S. | 12 | 0.5 | 11 | 0.5 | 19 | 8.0 | 10 | 0.4 | 16 | 0.7 |
| Measles | 719 | 76,2 | 3,798 | 167.7 | 3.403 | 149.7 | 3.055 | 133.8 | 10 027 | .37 3 |
| Meningococcal infections | 56 | 2.5 | 54 | 2.4 | 58 | 2.6 | 48 | 2.1 | 99, | 1.7 |
| Poliomyelitis | 111 | 49.3 | 536 | 23.7 | 559 | 24.6 | 299 | 13.1 | 220 | 9 : |
| Rabies in man | 2 | 0.1 | , | , | , | 1 | | | | . ; |
| Rheumatic fever | 58 | 2,6 | 57 | 2,5 | 52 | 2.3 | 46 | 2.0 | 46 | 2.0 |
| Rocky Mountain spotted fever | 4 | 0.2 | 10 | 0.4 | 6 | 0.3 | 1 | 0.0 | , . | 0.0 |
| typhoid fever | 40 | 1.8 | 8 | 3.7 | 73 | 3.2 | 34 | -5 | | ۰ - |
| Smallpox | ı | , | | | , | | | . : | , ; | , ; |
| Streptococcal sore throat, | | | | | | | | | | |
| including scarlet fever | 659 | 29.2 | 946 | 41.8 | 1.302 | 57.3 | 1.205 | 52.8 | _ | 17/. 9 |
| Syphilis - | | 104.3 | 1,989 | 87.8 | 1,638 | 72,0 | 1,342 | 58.8 | 1.254 | 54.7 |
| Tetanus | 9 | 0.4 | 14 | 0.6 | 7 | 0.3 | 9 | 0.4 | _ | 0.3 |
| Tuberculosis, all forms | 1,574 | 69.8 | 1,754 | 77.5 | 1,642 | 72.2 | 1,492 | 65.3 | 1,106 | 48.2 |
| Tularemia | 38 | 1.7 | 28 | 1.2 | 35 | 1.5 | 15 | 0.7 | 5 | |
| Typhoid fever | 61 | 2.7 | 46 | 2.0 | 63 | 2.8 | 67 | 2.9 | 49 | 2.1 |
| Typhus fever | | , | 2 | 0.1 | , | | - | 0.0 | . : | . ; |
| Whooping cough | 372 | 16.5 | 256 | 11,3 | 219 | 9.6 | 869 | 38.1 | 480 | 20.9 |
| Malignant neoplasms | 1,558 | 69.1 | 1,071 | 47.3 | 1,212 | 53.3 | 1,436 | 62.9 | 1.686 | 73.5 |
| | | | | | | | | | | |

| Disease | 1957 | 57 | 1958 | 58 | 1959 | 59 | 1960 | 0 | 1961 | 51 |
|---|-----------|-------|----------|-------|-----------|------------|----------|-------|--------------|-------|
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| Anthrax in man | | 0.0 | | | , , | | | | , | - |
| Brucellosis Diphtheria | 2 13 | 0.6 | 28 5 | 0.2 | u h | 0.1 | 25 5 | 0.2 | o 11 | 0.5 |
| Dysentery | 168 | 7.3 | 96 | 4.2 | 92 | 4.0 | 49 | 2.1 | 173 | 7.2 |
| Encephalitis, infectious | | 1.0 | 37 | 1,6 | 17 | 0.7 | 21 | 0.9 | 22 | 0.9 |
| Gonorrhea | | 218.7 | 5,114 | 221.2 | 4,401 | 189.6 | 5,832 | 250.5 | | 252.9 |
| Malaria, acquired in U. S. | 6 | 0.4 | 202 | 0.2 | 1 296 | 0.0 | 350 | - | 346 | 14.4 |
| Measles | 1,622 | 70.5 | 7,500 | 324.4 | 717 | 30.9 | 1,232 | 52.9 | 605 | 25.2 |
| Meningococcal infections Poliomyelitis | 32 121 | 5.3 | 38 61 | 2.6 | 12 167 | 0.5 7.2 | 25 18 | 0.8 | 17 5 | 0.7 |
| Rabies in man | | , | | | , | , ; | . 3 | | 1.0 | 1 1 |
| Rheumatic fever | 41 | 1.8 | 36 | 1.6 | 14 | 0.6 | 9 | 0.4 | 14 | 0.6 |
| Salmonellosis, excluding | • | ٠٠ | | : | 12 | 0.0 | , | 0.3 | 00 | 0.3 |
| typhoid fever | 43 | 1.9 | 69 | 3.0 | 52 | 2.2 | 24 | 1.0 | 40 | 1.7 |
| Smallpox | | , | , | , | , | , | 1 | , | , | , |
| including scarlet fever | | 395.9 | 6,825 | 295.2 | 1,354 | 58.3 | 541 | 23.2 | 947 | 39.5 |
| Syphilis | 1,497 | 65.0 | 1,932 | 83.6 | 1,586 | 68.3 | 1,602 | 68.8 | 1,566 | 65.3 |
| Tuberculosis, all forms | 1,084 | 47.1 | 963 | 41.7 | 77. | 33.4 | 670 | 28.8 | 6 <u>4</u> 1 | 26.7 |
| Tularemia Typhoid fever | 25 | :: | 17 | 0.7 | 17 | 0.7 | : 5 | 0.6 | 10 | 0.4 |
| Typhus fever | . ; | . ; | . ; | , ; | | . : | | . : | . 5 | . 6 |
| Whooping cough | 278 | 12.1 | 152 | 6.6 | 139 | 6.0 | 103 | 4.4 | 16 | 0.7 |
| Malignant neoplasms | 2,335 | 101.4 | 2,375 | 102.7 | 2,210 | 95.2 | 2,004 | 86.1 | 1,845 | 76.9 |
| | | | | | | | | | | |

TABLE II. REPORTED CASES OF COMMUNICABLE DISEASES, NUMBER AND RATE (NUMBER PER 100,000 ESTIMATED POPULATION),
BY RACE, OKLAHOMA, 1961

| _ | | | _ | _ | _ | _ | _ | _ | | _ | | _ | _ | _ | _ | _ | _ | | | _ | _ | _ | _ | | | _ | | _ | _ | _ | | | | - | _ |
|--|--------------|-----------------|---------------------------|---------------------------|-------------|---------|----------|----------|---------------|--------------------------|------------------------------|-----------------|---------------|-------------|----------------------|---------------------|--------------------------|--------------------------------|----------------------------|---------------|-----------------------|-----------|-----------------------|----------|--------------------------|------------------------|----------------------|-------------------|------------|-------------|----------|----------------|--------|----------------------|---------|
| Venereal disease, other Whooping cough | Typhus fever | Tularemia | Tuberculosis, other forms | Tuberculosis, respiratory | Trichinosis | Tetanus | Syphilis | Smallpox | typhoid fever | Salmonellosis, excluding | Rocky Mountain spotted fever | Rheumatic fever | Rabies in man | Psittacosis | Poliomyelitis, acute | Meningitis, aseptic | Meningococcal infections | Malaria, acquired outside U.S. | Malaria, acquired in U. S. | Leptospirosis | Hepatitis, infectious | Gonorrhea | Gonococcal ophthalmia | Glanders | Encephalitis, infectious | Dysentery, unspecified | Dysentery, bacillary | Dysentery, amebic | Diphtheria | Brucellosis | Botulism | Anthrax in man | | Estimated Population | Disease |
| 7 16 | . 5 | 10 | 28 | 613 | | 5 | 1,566 | | 40 | | 8 | 14 | 1 | | 5 | 18 | 17 | 1 | | 1 | 346 | 6,064 | y. | | 22 | 2 | 70 | 101 | 9 | 11 | | | Number | 2,398,000 | Total |
| 0.3 | , ; | 0.4 | 1.2 | 25.6 | | 0.2 | 65.3 | | 1.7 | | 0.3 | 0.6 | , | , | 0.2 | 0.8 | 0.7 | | , | , | 14.4 | 252.9 | 0.1 | , | 0.9 | 0.1 | 2.9 | 4.2 | 0.4 | 0.5 | 1 | | Rate | 000 | tal . |
| 7 | | » с | | 446 | | 4 | 873 | | 32 | - | 8 | 12 | , | , | 4 | 14 | 14 | | , | , | 268 | 2,307 | | | 22 | | 30 | 87 | 8 | 9 | | | Number | 2,177,461 | W |
| 0.0 | , ; | 0.3 | 0.6 | 20.5 | , | 0.2 | 40.1 | , | 1.5 | | 0.4 | 0.6 | | | 0.2 | 0.6 | 0.6 | . , | , | , | 12.3 | 105.9 | | , | 1.0 | | 1.4 | 4.0 | 0.4 | 0.4 | , | , | Rate | 1,461 | White |
| 1 5 | . , | 3 I | ō | 75 | ١. | 1 | 382 | | 2 | | | 1 | , | | 1 | · w | 2 | | | | | 3,276 | 2 | | | 2 | 12 | 1 | | | | , | Number | 155 | Negro |
| 3,2 | . : | <u>ـ</u> د د | ن ده | 48.1 | | 0.6 | 245.1 | , | 1.3 | | , | 0.6 | , | , | 0.6 | 1,5 | 1.3 | | , | | 9.0 | 2,102.0 | 1,3 | , | | 1.3 | 7.7 | 0.6 | | | | | Rate | 155,850 | ro |
| 3 11 | 1 1 | - د | 9 | 92 | | , | 124 | ı | - | | | 1 | | | | _ | , | , | | | 46 | 387 | _ | | , | | 16 | 4 | , | , | | | Number | 64,689 | Indian |
| 1.5 4.6 | . : | 3 .5 | 13.9 | 142.2 | , | , | 191.7 | , | 1.5 | | | 1.5 | , | 1 | | 1.5 | , | | | , | 71.1 | 598.2 | 1.5 | • | , | , | 24.7 | 6.2 | | | • | 1 | Rate | 89 | an |
| 61 | | . ω | | , | , | | 187 | | 5 | | | | | | | | _ | | , | | 18 | 94 | | , | | | 12 | 9 | _ | 2 | | | Number | | Unknown |

TABLE III. REPORTED CASES OF COMMUNICABLE DISEASES, BY MONTH, OKLAHOMA, 1961

| _ | | | | | | | | | | | | | | | - | _ | - | | _ | _ | _ | _ | _ | _ | _ | | _ | | | | | | _ | | | _ | | т- | ٦ | |
|--------------------------|--------------|---------------|-----------|---------------------------|---------------------------|-------------|---------|----------|-------------------------|----------------------------|----------|---------------|--------------------------|------------------------------|-----------------|---------------|-------------------|-------------|----------------------|---------------------|--------------------------|---------|--------------------------------|---------------------------|---------------|-----------------------|-------|-----------------------|----------|--------------------------|------------------------|----------------------|-------------------|------------|-------------|----------|----------------|---------|---|----------------|
| Venereal diseases, other | Typhus fever | Typhoid fever | Tularemia | Tuberculosis, other forms | Tuberculosis, respiratory | Trichinosis | Tetanus | Syphilis | including scarlet fever | Streptococcal sore throat, | Smallpox | typhoid fever | Salmonellosis, excluding | Rocky Mountain spotted fever | Rheumatic fever | Rabies in man | Rabies in animals | Psittacosis | Poliomyelitis, acute | Meningitis, aseptic | Meningococcal infections | Measles | Malaria, acquired outside U.S. | Malaria, acquired in U.S. | Leptospirosis | Hepatitis, infectious | | Gonococcal ophthalmia | Glanders | Encephalitis, infectious | Dysentery, unspecified | Dysentery, bacillary | Dysentery, amebic | Diphtheria | Brucellosis | Botulism | Anthrax in man | Disease | | |
| 1, / | | 15 | 10 | 28 | 613 | | S | 1,566 | 947 | | , | 40 | | 8 | 14 | | 20 | | Ų. | 18 | 17 | 605 | | | | 346 | 6,064 | ω | , | 22 | 2 | 70 | 101 | 9 | 11 | | | Total | | |
| | , | ,- | | 2 | 50 | | _ | 154 | 95 | | , | 4 | | , | 4 | | _ | | | - | | | . 1 | , | | 37 | 556 | ı | ı | 4 | | 4 | . 12 | 2 | | | 1 | Jan. | | |
| 61 | | 1 | | , | 82 | , | • | 123 | 116 | | | u | | , | , | | , | , | | , | 4 | . = | ٠, | | | 51 | 479 | , | , | • | , | _ | 7 | | , | , | , | Feb. | | |
| | | | | 4 | 66 | | | 27 | 91 | | | | | | 2 | | ٠ | | , | | 4 | 4 | | | | 18 | 488 | | , | _ | | U | | | | | 1 | March | | 0.00 |
| | | ,- | | 6 | 54 | | , | 201 | 208 | | | 12 | | , | 2 | | , | , | , | 2 | ى د | 46 | | | | 56 | 561 | | | - | | u | 7 | | | | ı | April | | Over francisco |
| | | , | ,_ | , | 63 | | 2 | 165 | 141 | | , | 2 | | | | | | | | | _ | 177 | | | , | 45 | 411 | | | | _ | | | | 2 | | | May | | Ì |
| ر ک | | 2 | 2 | , | 45 | | 2 | 125 | 86 | | , | - | | 2 | - | | u | | , | 2 | , , | 16 | ٠. | | • | 25 | 374 | , | | | | - | ٠. | | , | | | June | | |
| 4- | , | 4 | 2 | 2 | 53 | , | , | 103 | 98 | _ | , | w | _ | 2 | | , | 6 | | 2 | | | 11 | | | , | 11 | 657 | , | , | 80 | ,_ | - α | 2 | _ | w | | | July | | |
| . , | , | 2 | ω | ,_ | 38 | | | 186 | 12 | | , | 5 | | _ | - | | w | ı | 2 | | | 80 | | | , | 20 | 581 | _ | , | 2 | | 7 | 20 | _ | | | , | Aug. | | |
| | | 1 | - | 5 | 28 | | í | 125 | 25 | | | 6 | | 2 | _ | | 4 | | | G | | 6 | | , | ٠ | 23 | 514 | ш | | w | | 13 | 4 | w | S | | | Sept. | | |
| | | | ٢ | 4 | 59 | | | 84 | 12 | | | 2 | | , | 2 | , | _ | , | _ | 6 | | 13 | , | , | , | 22 | 524 | | , | _ | | 10 | · w | , | , | | | Oct. | | |
| | | | | _ | Ħ | , | | 34 | 42 | | | _ | | • | | | , | , | , | _ | | 146 | , | | | 19 | 493 | _ | | 2 | | 7 | 7 | , | | , | , | Nov. | | |
| | , | 2 | | 2 | 64 | | ٠ | 239 | 21 | | , | ,_ | | _ | _ | , | 2 | | | | 4 | 15 | , | , | , | 19 | 426 | | | | | 10 | 16 | _ | - | | | Dec. | | |

TABLE IV. CASES OF MALIGMANT NEOFLASMS REPORTED THEOUGH REGULAR CHANNELS, BY PRIMARY SITE OF LESION, RACE AND SEX, OKLAHOMA, 1961

| | | ş | Sex | | Race | | |
|---|-------------------------|-----------------------|------------------------|-------------------------|--------------------|--------------|---------|
| Primary Site | Total | Male | Female | White | Negro | Indian | Unknown |
| Total, all sites | 1,845 | 1,046 | 799 | 1,674 | 121 | 35 | 15 |
| Buccal cavity and pharynx Digestive organs and peritoneum Respiratory system Breast | 56 266 260 140 | 45 154 214 2 | 11 112 46 138 | 53 223 245 121 | 1 33 11 | 7241 | 1 2 |
| Uterus Other female genital organs Male genital organs Urimary organs | 188 33 137 84 | 137 60 | 188 33 - | 157 28 121 79 | 19 3 14 4 | 11 2 - | |
| Skin, except of breast, genital organs, or anus Brain and central nervous system Bone Lymphosarcoma and reticulosarcoma | 394 29 12 34 | 282 21 6 22 | 112 8 6 12 | 390 26 11 33 | рιωρ | 1110 | lete |
| Hodgkin's disease Leukemia and aleukemia Other lumphatic and hematonoictic | 15 47 | 30 | 6 17 | 43 | ωN | н. | |
| Other and unspecified sites | 18 132 | 56 | 10 76 | 118 | 11 | 31 | |

TABLE V. CASES OF MALIGNANT NEOPLASMS REPORTED BY DEATH CERTIFICATE ONLY, BY PRIMARY SITE OF LESION, RACE AND SEX, OKLAHOWA, 1961

| 1 | | s | Sex | | Rø | Race | |
|---|-------------------------|-----------------------|------------------------|-------------------------|--------------------|-------------------|----------|
| Primary Site | TOERT | Male | Female | White | Negro | Indian | Unknown |
| Total, all sites | 3,272 | 1,694 | 1,578 | 2,994 | 211 | 63 | 4 |
| Buccal cavity and pharynx Digestive organs and peritoneum Respiratory system Breast | 63 902 165 264 | 46 437 147 1 | 17 465 18 263 | 58 821 157 240 | 3 60 7 21 | 2 21 1 3 | |
| Uterus Other female genital organs Male genital organs Urinary organs | 183 96 277 137 | 277 82 | 183 96 55 | 150 89 242 125 | 26 6 28 9 | 7 5 3 | 1 10 1 1 |
| Skin, except of breast, genital organs, or anus Brain and central nervous system Bone Lymphosarcoma and reticulosarcoma | 61 68 32 87 | 34 34 50 | 27 34 16 37 | 60 67 29 84 | 2 3 1 1 | elli | 1111 |
| hodgkin's disease Leukemia and aleukemia other lymphatic and hematopoietic tissues Other and unspecified sites | 38 173 46 680 | 26 97 31 416 | 12 76 15 264 | 36 165 43 628 | 2 7 1 34 | 1 2 2 16 | 2) 11 |

-12-

| | | | | | | | | Meta | static | Site | | | | | | | | | | |
|---|-------------------------|------------------------------|---------------------------------|--------------------|-------------|-------------|-----------------------------|---------------------|----------------|--|-------------------------------------|-------------------|-----------------------------------|-------------------|------------------------|--|-----------------------|----------------------|----------------------|---|
| Primary Site | Total, all sites | Buccal cavity and pharynx | Digestive organs and peritoneum | Respiratory system | Breast | Uterus | Other female genital organs | Male genital organs | Urinary organs | Skin, except of breast, genital organs or anus | Brain and central nervous system | Bone | Lymphosarcoma and reticulosarcoma | Hodgkin's disease | Leukemia and aleukemia | Other lymphatic and hematopoietic tissues | Other specified sites | Unspecified sites | No metastasis | Not specified as to whether metastasis or not |
| Total, all sites | 1,845 | 1 | 35 | 27 | 4 | 4 | 6 | 2 | 2 | 3 | 6 | 22 | 117 | _(| | | 83 | 447 | 730 | 356 |
| Buccal cavity and pharynx Digestive organs and peritoneum Respiratory system Breast | 56 266 260 140 | 1 - - | - 18 5 - | - 3 14 - | - 2 1 | - 1 1 | 1 - | | 1 - | | - 5 - | 1 - 5 2 | 7 27 41 25 | - | - - - | - | 28 19 5 | 21 70 57 31 | 13 54 69 54 | 9 63 42 22 |
| Uterus Other female genital organs Male genital organs Urinary organs | 188 33 137 84 | | - 4 - - | - - 2 | - | 1 | 4 - - | | - 1 | - - 1 | | - - 10 2 | 1 - 1 1 | | - - - - - | | - 3 4 6 | 52 16 43 24 | 116 5 34 27 | 14 4 44 21 |
| Skin, except of breast, genital organs, or anus Brain and central nervous system Bone Lymphosarcoma and reticulo- sarcoma | 394 29 12 34 | - | 1 - | 1 | 1 - | - | - | 1 11 | - | 2 | 1 | - | - - 2 | - | - | | 3 | 29 15 5 | 289 7 4 | 62 5 2 |
| Hodgkin's disease Leukemia and aleukemia Other lymphatic and hemato- poietic tissues Other and unspecified sites | 15 47 18 132 | - | - - 7 | - - 2 | | - | - - 1 | - - 2 | | - | - | - 2 | 1 1 - 6 | | | - | - 11 | 4 17 11 38 | 4 8 2 37 | 6 21 5 26 |
| | | | | | | | | | | | | | | | | | | | | |

Table VII. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES, BY RACE AND SEX, OXLAHOMA, 1961

| | | Total | | | White | | | Negro | | | Indian | | | Unknown | |
|--------------------------------|------------|--------|---------|-------|--------|---------|-------|--------|---------|------|--------|---------|---------|---------|-------|
| Disease | Male | Female | Unknown | Male | Female | Unknown | Male | Female | Unknown | Male | Female | Unknown | Male | Female | Unkno |
| Anthrax in man | l <u>-</u> | _ | _ | _ | _ | _ | _ | | _ | _ | | | | | |
| Botulism | _, | _ | 1 - 1 | _ | | 1 - | | 1 : | I - I | _ | - | - | - | - | - |
| Brucellosis | 7 | 3 | 1 1 | 7 | 2 | 1 - 1 | | [| 1 - 1 | |] | - 1 | - | 1 - | - |
| Diphtheria | 2 | 6 | i | 2 | 6 | - | _ | _ | - 1 | _ |] [| - | | 1 - | 1 |
| Dysentery, amebic | 49 | 51 | 1 | 40 | 47 | _ | _ | 1 | | 2 | 2 | _ | 7 | ١. | |
| Dysentery, bacillary | 35 | 33 | 2 | 14 | 16 | | 8 | 1 4 | | 8 | 8 | | 5 | 1 | 1 |
| Dysentery, unspecified | 2 | - | _ | | | 1 _ | 2 | 1] | 1 [] | | | - | | 5 | 2 |
| Encephalitis, infectious | 11 | 11 | - | 11 | 11 | - | _ | - | 1 - | _ |] | - | - | _ | - |
| Glanders | _ | - | _ | _ | | _ | _ | | _ | | | | | | |
| Gonococcal ophthalmia | 1 | 2 | 1 - 1 | _ | 1 - | 1 - | ī | ī | 1 : 1 | - | - 1 | - | - | - | - |
| Gonorrhea | 3,794 | 2,249 | 21 | 1,398 | 902 | 7 | 2,221 | 1,052 | 3 | 129 | 257 | l - l | | | 1 |
| Hepatitis, infectious | 195 | 142 | 9 | 156 | 112 | | 8 | 1,052 | - | 25 | 257 | 1 - | 46 6 | 38 3 | 10 |
| Leptospirosis | _ | l - | _ | _ | _ | l _ | _ | _ | _ | _ | | | | · · | |
| Malaria, acquired in U. S. | l - | l - | | _ | _ | | _ | - | - | _ | [| - 1 | - | - | - 1 |
| Malaria, acquired outside U.S. | | - | - 1 | _ | 1 - | - | _ | - | [| | | - | - | l - | - |
| Meningococcal infections | 10 | 6 | 1 | 8 | 6 | - | 2 | | | | _ | | _ |] | ī |
| Meningitis, aseptic | 12 | 6 | l | 10 | 4 | | 2 | 1 | | _ | 1 | | | İ | _ |
| Poliomyelitis, acute | 4 | i | I _ I | 3 | i | | ī | 1 1 | 1 [| - | | - | - | - | - |
| Psittacosis | | 1 - | I _ I | | | ! [| | - | | | - | - | - | - | - 1 |
| Rabies in man | - | - | - | - | _ | - | - | - | | - |] | | - | 1 : | : |
| Rheumatic fever | 9 | 5 | _ | 9 | 3 | _ | _ | 1 | _ | | 1 | _ | | ŀ | |
| Rocky Mountain spotted fever | 4 | 4 | 1 - 1 | 4 | 4 | - 1 | _ | 1 : | 1 [1 | - | 1 1 | 1 - | - | - 1 | - |
| Salmonellosis, excluding | | 1 | | | | i | | I - | | _ | - | | - | - | - |
| typhoid fever | 16 | 21 | 3 | 13 | 19 | - | 1 | 1 | - 1 | 1 | _ | - | 1 | 1 |] 3 |
| Smallpox | _ | | - | _ | _ | | _ | _ | _ | _ | _ | _ | | ľ | |
| Syphilis | 828 | 730 | 8 | 471 | 402 | _ | 189 | 193 | [| 58 | 63 | 3 | 110 | 72 | : |
| Tetanus | 4 | 1 | - | 3 | 1 | _ | 1 | 1/2 | [| - | 03 |] _ | 110 | | 5 |
| Trichinosis | - | - | - | _ | - | - | | - | - 1 | | - | - | _ | - | - |
| Tuberculosis, respiratory | 367 | 246 | - | 281 | 165 | _ | 48 | 27 | _ | 38 | 54 | _ | | | |
| Tuberculosis, other forms | 16 | 12 | - 1 | 9 | 4 | . | 3 | 3 | 1 - 1 | 4 | 5 | [| - | _ | - |
| Tularemia | 9 | 1 | 1 - 1 | 6 | 1 - | _ | - | _ | [| 1 |] | - | 2 | 1 | - |
| Typhoid fever | 9 | 6 | - | 5 | 3 | - 1 | 2 | | - | 1 | 1 |] [| 1 | 2 | - |
| Typhus fever | _ | _ | _ | _ | _ | | - | _ | _ | _ | | i _ i | i | | l |
| Venereal diseases, other | 6 | 1 | 1 - 1 | 1 | _ | - | 4 | 1 |] [| 1 | | | - | - | ı - |
| Whooping cough | 2 | 8 | 6 | î | 6 | - | - | - | - | 1 | 2 | - | - | _ | 6 |
| ĺ | | | | | | | | | | | | | | | |
| | | | | | | | | | 1 | | | | | | I |

| | A11 | | | | | | | | | Age in | Years | | | | | | | | |
|--|--------------------------------|-----------------------|-----------------------|-----------------------|---|------------------|-----------------------|-------------------------|--------------------|---------------------|-----------------------|--------------------|---------------------|-------------------|----------------------|---------------------|---------------------|-------------------|----------------|
| Disease | Ages | Under l year | 1 | 2 | 3 | 4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 and over | Unik. |
| Communicable Diseases | | | | | | | | | | | | | | | | | | | |
| Diphtheria Encephalitis, infectious Gonorrhea Hepatitis, infectious Meningococcal infections | 9 22 6,064 346 17 | 1 2 2 1 5 | 1 1 - 1 3 | 1 - 1 2 4 | 1 2 7 1 | - 2 8 | 4 3 48 103 | 1 - 64 72 2 | 1 1,384 38 | 2,165 24 | 1 3 1,045 18 | 1 505 10 | - 4 414 13 | 1 118 4 | 28 6 | 1 10 4 | - 1 5 4 | = | 2 271 31 |
| Meningitis, aseptic Poliomyelitis, paralytic Poliomyelitis, non-paralytic Poliomyelitis, unspecified Rheumatic fever | 18 3 2 - 14 | 2 - - - | - | 1 - | - | 1 1 | 5 1 1 - 7 | 2 - | 3 - 1 | 2 - | 1 - | 1 - | 1 - | - | | - | - | - | - |
| Syphilis Tuberculosis, respiratory Tuberculosis, other forms Typhoid fever Whooping cough | 1,566 613 28 15 16 | - - - - 5 | - 2 - 1 2 | - | 1 1 - | - - 1 1 | 2 2 1 2 | 1 3 2 2 | 61 27 2 1 | 116 22 2 1 | 66 35 1 1 | 75 44 1 1 | 197 86 1 1 | 234 117 8 | 250 121 2 1 | 111 98 2 2 | 57 48 2 - | 9 8 2 | 389 - 1 |
| Malignant Neoplasms Total, all sites | 1 0/5 | | 4 | ١, | | | | | | _ | | | | | | | | | |
| Buccal cavity and pharynx | 1,845 56 | | - | - | 2 | 2 | 7 | 5 | 8 - | 3 | 14 | 33 | 163 2 | 276 | 21 | 525 13 | 248 | 80 | 27 |
| Digestive organs and peri- toneum Respiratory System | 266 260 | <u>-</u> . | - | - | - | - | - | - | 1 | - 1 | 1 | 1 2 | 21 12 | 36 46 | 59 89 | 82 | 43 | 15 | 7 |
| Breast | 140 | - 1 | - | - | - | - | - | - | - | - | ī | 3 | 20 | 37 | 28 | 84 31 | 19 14 | 1 5 | 6 |
| Uterus Other female genital organs Male genital organs Urinary organs | 188 33 137 84 | - | - | - - 1 | = | - - 1 | = | = | = = | = | 5 - 1 1 | 11 - 1 | 36 3 2 5 | 36 7 3 9 | 52 10 21 18 | 32 7 55 30 | 10 3 38 14 | 5 2 16 4 | 1 1 - 1 |
| Skin, except of breast, genital organs, or anus Brain, central nervous system Bone Lymphosarcoma, reticulosarcoma | 394 29 12 34 | | - | 2 - | - 1 - 1 | - | - 1 1 3 | 1 2 - | 1 - - 1 | - 1 1 | 1 - | 7 - 3 3 | 29 11 1 3 | 48 5 2 5 | 89 3 1 8 | 124 3 2 6 | 62 - 1 2 | 25 - - 1 | 8 - |
| Hodgkin's disease Leukemia and aleukemia Other lymphatic and hemato- | 15 47 | - | 3 | 1 | - | - 1 | - 1 · | 2 | 3 - | - - | 1 | - | 3 4 | - 3 | 3 | 5 13 | 1 10 | - | - |
| poietic tissues Other and unspecified sites | 18 132 | - | 1 | - | - | - | - 1 | - | 1 | - | - 3 | 2 | - 11 | 3 25 | 5 30 | 8 30 | 1 23 | - 4 | ; |

| Disease | Carter | Cherokee | Choctaw | Choctaw Cimarron | Cleve- | Coal | Comanche | Cotton | Craig | Creek |
|-----------------------------------|--------|----------|---------|------------------|--------|------|----------|--------|--------|---------|
| Anthrax in man | | | | | , | | ' | | ٠ | .] |
| Botulism | | | | | | | | | | |
| Brucellosis | | | _ | | | | | | | |
| Diphtheria | | _ | | | , | | , | | | . , |
| Dysentery, amebic | , | ı | G | | 25 | 1 | , | | - 1 | |
| Dysentery, bacillary | ı | 1 | | | | , | | | , | |
| Dysentery, unspecified | , | | 1 | ı | | | , | | | |
| Encephalitis, infectious | | , | | , | | _ | | , | 1 | |
| Glanders | , | , | , | | | | | | | |
| Gonococcal ophthalmia | | ı | | | 1 | ı | | | | |
| Gonorrhea | 111 | 1 | 72 | | 5 | _ | 655 | 6 | _ | 117 |
| Hepatitis, infectious | | 16 | 4 | | _ | 5 | 15 | | ، دب | 14 |
| Leptospirosis | , | , | 1 | | • | | | | ı | |
| Malaria, acquired in U. S. | | | , | , | | 1 | | 1 | | |
| Malaria, acquired outside U. S. | , | , | , | | | | | | , | |
| Measles | | 2 | | , | 2 | 1 | 13 | | · _ | 68 |
| Meningococcal infections | 1 | 1 | | | | | , | , | , | . : |
| Meningitis, aseptic | ,, | , | | | , | | ω | , | | |
| Poliomyelitis, acute | | | | , | | , | | , | | |
| Psittacosis | , | 1 | | | , | , | | | , | |
| Rabies in animals | | | | | , | | 2 | - | | , |
| Rabies in man | | | | | | | , | | | ı |
| Rheumatic fever | | 1 | , | , | | | ω | , | | |
| Rocky Mountain spotted fever | , | | , | , | | | | | | • |
| Salmonellosis, exc. typhoid fever | , | | , | • | , | | | - | - | |
| Smallpox | | | | | | 4 | | | | |
| Streptococcal sore throat, | | | | | | | | | | |
| including scarlet fever | 1 | 16 | | , | | _ | 6 | | w | : 00 |
| Syphilis | 31 | 9 | 9 | | 13 | ω | 54 | | 37 | 19 |
| Tetanus | | | | | • | , | | | | , |
| Trichinosis | | | | • | • | | | | | |
| Tuberculosis, respiratory | 4 | 13 | G | | 26 | 4 | 12 | | 4 | 00 |
| Tuberculosis, other forms | 1 | - | | | | • | 4 | ' | | |
| Tularemia | , | , | | | | | | • | | - |
| Typhoid fever | ' | , | - | | _ | | _ | , | | |
| Typhus rever | | • | | ' | 1 | • | | | | |
| Venereal diseases, other | , | | | | | | , | | , | _ |
| whooping cough | • | ω | , | , | , | | , | , | | |
| Malignant neoplasms | 38 | 19 | 16 | , | 32 | 6 | 22 | 6 | = | 39 |
| | | - | | | | ١ | | • | - | ٧ |

| Addir Alfalfa Atola Beaver Beckham Blaine Byyan C | | | | | | | 1 | | | | |
|--|-----------------------------------|-------|-------|---------|-------|--------|---------|--------|-------|-------|-------|
| 111 111 111 111 111 111 111 111 111 11 | Disease | State | Adair | Alfalfa | Atoka | Beaver | Beckham | Blaine | Bryan | Caddo | Canad |
| 111 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Anthrex in men | | | | | | | - | | | |
| 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Botulism | | | | | | | | . , | | |
| 109 109 109 109 109 109 109 109 109 109 | Brucellosis | = | | | _ | | , | | | | |
| tried 22 70 70 70 70 70 70 70 70 70 70 70 70 70 | Diphtheria | 9 | , | , | | | | , | | | |
| tical fever throat, 1,566 4 1 1 4 3 5 6 22 1 1 1 5 6 6 7 6 6 1 1 5 6 6 7 6 7 6 6 7 6 7 6 6 7 6 7 6 6 7 6 7 6 6 7 6 | Dysentery, amebic | 101 | | | 7 | | | | | | |
| titled 22 | Dysentery, bacillary | 70 | | | | , | | - | | | _ |
| titions 122 | Dysentery, unspecified | 2 | | | | | | . , | | , | _ |
| nia 6,664 4 1 1 12 40 5 76 10 10 11 11 12 40 5 76 10 10 11 11 11 11 11 11 11 11 11 11 11 | Encephalitis, infectious | 22 | | , | ' | | | | | • | _ |
| nia 6,064 5 9 12 40 5 76 bus bus 346 4 1 1 1 2 40 5 76 bus bus 346 4 1 1 1 1 2 40 5 76 bus | Glanders | | | | , | | | • | . , | | _ |
| 10. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | Gonococcal ophthalmia | ω | , | , | | | | - | | | |
| Dus 346 4 1 1 1 1 1 3 3 3 1 1 1 1 1 1 1 1 1 1 1 | Gonorrhea | 6,064 | 5 | , | 9 | | 12 | 40 | ות | 76 | - |
| In U. S. 605 105 | Hepatitis, infectious | 346 | 4 | | _ | , | _ | . : | | . د | |
| In U. S. 605 Lettions 18 18 20 20 20 20 20 20 20 20 20 2 | Leptospirosis | ı | ı | | | | , | | | ١, | |
| Distributions 117 | Malaria, acquired in U. S. | | , | | | , | 1 | • | | | _ |
| 605 18 18 18 18 20 20 20 20 20 20 20 20 20 20 20 20 20 | 5 | | 1 | , | , | ı | | , | | | |
| 18 | | 605 | | | | , | | | | | |
| 18 | Meningococcal infections | 17 | 1 | | | | , | | | | |
| ted fever 8 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Meningitis, aseptic | 18 | | | | | | | . , | | _ |
| 20 | Poliomeylitis, acute | ر. | , | | , | | ı | | | | |
| 20 | Psittacosis | 1 | | | | | | | , | | |
| 14 | Rabies in animals | 20 | | | | | | 1 | | | _ |
| 14 1 1 1 1 1 1 1 1 1 | Rables in man | | | | | | 1 | | | | |
| tered fever 48 - 1 1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Rheumatic fever | 14 | | | | | ı | | | | |
| typhold fewer 40 - 2 | Rocky Mountain spotted fever | 8 | , | | - | | , | | | | _ |
| throat, 947 10 | Salmonellosis, exc. typhoid fever | 40 | | , | 2 | , | , | | | | |
| Lever 947 10 | Smallpox | | , | | 1 | | , | , | | , | |
| Fewer 947 10 1 4 3 5 6 22 1 1 1 1 1 1 1 1 | Streptococcal sore throat, | | | | | | | | | | |
| 1,566 4 1 4 3 5 6 22 22 1 1 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | including scarlet fever | 947 | 10 | , | | | , | , | | | - |
| S | Syphilis | 1,566 | 4 | _ | 4 | ω | G | v | 6 | 22 | , ; |
| ratory 613 16 - 6 - 1 5 5 5 6 - 1 5 5 5 6 6 6 7 1 5 7 5 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | Tetanus | u | , | | | , | | | ۱ (| | |
| Forms 288 - 1 5 5 5 6 6 7 1 5 5 6 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 | Trichinosis | , | , | | | , | 1 | | | | , |
| forms 28 | Tuberculosis, respiratory | 613 | 16 | , | 6 | | ,, | Ų1 | J | = , | |
| other 16 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | Tuberculosis, other forms | 28 | , | , | | | | 0 | | _; | |
| other 15 3 | Tularemia | 10 | , | | _ | 1 | | | | ١, | . , |
| other 7 | Typhoid fever | 15 | ω | 1 | , | ı | | ı | _ | • | |
| other 16 | Typhus fever | | | | , | | , | , | | . : | |
| 16 | Venereal diseases, other | 7 | , | , | | , | | ı | | | |
| | Whooping cough | 16 | | | | , | | , | | | |
| | | 9/.5 | ٠. | | ю | J | ? | 5 | : | : | |

TABLE IX. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHONA CITY, TULSA CITY AND MILITARY, 1961

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TABLE IX. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOMA CITY, TULSA CITY AND MILITARY, 1961 (Continued)

| 15 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|---|
|---|

| Disease Anthrax in man Botulism Brucellosis Diphtheria Dipthicus Clanders Genorrhaa Genorrhaa Genorrhaa Hephtili, infectious Glanders Genorrhaa Genorrhaa Hephtili, infectious Glanders Genorrhaa Hephtili, infectious Genorrhaa Hephtili, acquired in U. S. Malaria, acquired in U. S. Malaria, acquired in U. S. Malaria, acquired ontside U.S. Malaria, acquir | Harper | lia skell | Hughes | Jackson 77 | erson. | Johnston | Kay | King- Eisher | Klowa Klowa | Latimer 222 |
|--|----------|-----------|--------|--------------|--------|------------|-----|-----------------|-------------|-------------|
| Meningitis, aseptic Poliomyelitis, acute | | | | - ω 1 | | | | | | ٠. |
| Psittacosis Rabies in animals | | | | | | | | | | ٠. |
| Rabies in man Rheumatic fever | | | | | ٠. | | | i. | • | |
| Rocky Mountain spotted fever Salmonellosis, exc. typhoidfever | | | | | | | | | | ٠. |
| Smallpox Streptococcal sore throat, | | 1 | , | • | 1 | | | | 1 | |
| Including scarlet lever Syphilis Tetanus | • • | ωı | 18 | 15. | 61 | <i>⊶</i> 1 | 30 | ωι | Ξ. | 643 |
| Trichinosis | • | | | | | | ٠. | | | |
| Tuberculosis, respiratory Tuberculosis, other forms | 1 12 | 1 2 | و ا | 16 | 1 1- | 4 1 | 7 | | | ı vı |
| Typhoid fever | | | | | | • | | , | | |
| Typhus fever | ' | | | | | | | | | |
| Venereal diseases, other | <u>'</u> | • | | | | | | | | |
| Whooping cough | | • | | - | • | | | | , | 6 1 |
| Malignant neoplasms | 2 | 7 | 24 | 16 | 8 | 4 | 19 | w | 18 | 10 |

| REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOWA CITY, TULSA CITY, AND MILITARY, 1961 (OCHINGE) | | | TABLE IX. |
|---|-------------|---|--|
| | (Continued) | OKLAHOWA CITY, TULSA CITY, AND MILITARY, 1961 | REPORTED CASES OF REPORTABLE DISEASES BY COUNT |

| | | | | (Continued) | | | | | | |
|--|----------|---------|-------|-------------|---------|---------------------------|----------|-------|----------|-------|
| D1 sease | LeFlore | Lincoln | Logan | Love | McClain | McClain McCurtainMcIntosh | McIntosh | Major | Marshall | Mayes |
| Anthrax in man | | | | | - | | | | • | . |
| Botulism | | | ı | | | 1 | | | | |
| Brucellosis | | 2 | ,_ | | | _ | , | , | | |
| Diphtheria | , | , | 1 | | | | | | | |
| Dysentery, amebic | | _ | 1 | , | _ | w | _ | | | |
| | | , | | | | | | | | |
| | • | | | | | 2 | | | | |
| Encephalitis, infectious | | | , | • | | , | , | | | |
| Glanders | | | | | | | | | | |
| Gonococcal ophthalmia | | | | | | | | | | |
| Gonorrhea | 17 | 7 | 44 | | 7 | 78 | 41 | | _ | 7 |
| Hepatitis, infectious | 4 | 4 | ω | | | - | | ı | | |
| Leptospirosis | | | , | ı | | ı | | | | |
| Malaria, acquired in U. S. | | | | , | | , | | , | , | |
| Malaria, acquired outside U.S. | | | | , | | | , | | | |
| Measles | | | 154 | | | | , | 2 | | 12 |
| Meningococcal infections | | | 1 | | ı | _ | | , | ı | |
| Meningitis, aseptic | | _ | , | | | | , | | | |
| Poliomyelitis, acute | , | , | | | | , | | , | | ı |
| Psittacosis | • | , | ı | , | | | | | | |
| Rabies in animals | | • | 1 | | | , | | | ı | , |
| Rables in man | | , | , | , | , | | , | | | |
| Rheumatic fever | | ı | , | | , | | , | , | | |
| Rocky Mountain spotted fever | | 1 | 1 | | | _ | | _ | | _ |
| Salmonellosis, exc. typhoidfever | | • | | | ı | | , | , | | |
| Smallpox | | , | , | | , | | , | , | | |
| Streptococcal sore throat, | | | | | | | | | | |
| including scarlet fever | • | | 9 | , | | , | , | Ξ | 6 | ω |
| Syphilis | ω | 12 | 4 | | 6 | 21 | 8 | | , | 22 |
| Tetanus | | ı | 1 | • | , | _ | , | | , | |
| Trichinosis | | | | | | , | ı | | , | |
| Tuberculosis, respiratory | 25 | _ | ω | | _ | 17 | u | , | 2 | 9 |
| | | | | , | , | H | | | , | , |
| uberculosis, other forms | | _ | , | | ı | 6 | | 1 | | , |
| uberculosis, other forms | | | 2 | | | , | | | | |
| uberculosis, other forms ularemia yphoid fever | | , | 1 | | , | | | 1 | | |
| tuberculosis, other forms fularemia Typhold fever Typhus fever | | | | | , | | , | | | |
| uberculosis, other forms fularemia fyphold fever fyphus fever fenereal diseases, other | ı | | | | | ı | | | _ | |
| Tuberculosis, other forms Tularemia Typhoid fever Typhus fever Venereal diseases, other Whooping cough | , | | | , | | | | | | |

| y y y y led litious 11 11 12 12 13 14 15 16 18 18 18 18 18 18 18 18 18 18 18 18 18 | Disease | Murray | uskogee | Noble | Nowata | Okfuskee | 0k1a homa | Okmulgee | Osace | Ortawa | Paymee |
|--|-----------------------------------|--------|---------|-------|--------|----------|-----------|----------|-------|--------|--------|
| Had Single Property of the Control o | Anthrax in man | ٠ | - | | , | | | | | | |
| y y 1 1 1 29 3 1 1 29 1 1 1 29 1 1 1 1 29 1 1 1 1 29 1 1 1 1 | Botulism | | | ı | | | | | | | |
| y I | Brucellosis | | , | , | | , | , | | 1 | | |
| y y 1 1 1 1 29 14 40 15thous 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Diphtheria | | | | | | ω | , | | | |
| Yethous | Dysentery, amebic | _ | 1 | | , | | 29 | ' | | | |
| titlous | Dysentery, bacillary | | | | , | ı | 40 | 1 | , | | J |
| thous Ita Ita Ita Ita Ita Ita Ita It | Dysentery, unspecified | | | | | | | | | | |
| Ma 2 369 4 4 8 2,013 170 181 18 | Encephalitis, infectious | | , | | , | | 4 | | | | |
| Ma 2 369 4 8 2,013 170 us 18 2 369 3 2 2,013 170 us 2 18 3 2 2,013 170 utside U. S. 1 2 1 | Glanders | | 1 | , | | | ı | | | | |
| us 2 369 4 8 2,013 170 ILLO S. 1 2 1 1 2 1 1 2 2 1 1 2 1 1 2 1 1 1 1 | Gonococcal ophthalmia | , | , | , | , | , | 1 | | | | |
| us 18 2 36 3 2 10 10 11 17 21 15 106 10 10 10 10 10 10 10 10 10 10 10 10 10 | Gonorrhea | 2 | 369 | | 4 | œ | 2,013 | 170 | ديا | 00 | v |
| n U. S | Hepatitis, infectious | | 18 | , | ω | 2 | 36 | ω | - | | - |
| thous U.S. 1 2 1 2 2 1 2 2 2 1 2 2 2 1 2 2 2 1 2 2 2 1 2 2 2 1 2 2 2 1 2 2 2 2 1 2 | Leptospirosis | | , | | | , | ı | , | , | | |
| Utside U. S. 1 2 1 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Malaria, acquired in U. S. | | , | , | , | , | , | | , | | |
| tions 1 2 1 32 2 e | | | | | | | , | , | | | |
| tions 2 | | 1 | 2 | _ | | , | 32 | 2 | 6 | , | |
| e ted fever | Meningococcal infections | 1 | 2 | , | | | 5 | | | | |
| e leed fewer | Meningitis, aseptic | , | | , | | | 4 | | ı | | |
| texa faver | Poliomyelitis, acute | , | | ı | , | | | | | , | |
| ted fever | Psittacosis | , | | | | | 1 | ı | | | |
| teed fewer | Rabies in animals | | 1 | | | , | | | | | 2 |
| ted fewer | Rabies in man | | | , | | , | | | , | | |
| ted fever | Rheumatic fever | , | | | | | 2 | - | | | , |
| typhoid fewer - 2 1 - 1 6 - 1 117 21 | Rocky Mountain spotted fever | | 1 | | | , | | ' | | , | |
| fever 15 125 2 6 10 373 19 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10 | Salmonellosis, exc. typhoid fever | | 2 | , | , | _ | 6 | , | , | | |
| fewer 2 6 1 117 21 fewer 15 125 2 6 10 373 19 rateory 4 28 2 1 5 106 10 forms 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Smallpox | | | , | , | | , | , | | | |
| fewer 15 2 6 10 373 19 11 22 6 10 373 19 12 7 6 10 5 106 10 13 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | Streptococcal sore throat, | | | | | | | | | | _ |
| 15 125 2 6 10 373 19 25 2 7 10 10 10 10 10 10 10 10 10 10 10 10 10 | including scarlet fever | , | 2 | 6 | _ | | 117 | 21 | | | |
| forms | Syphilis | 15 | 125 | 2 | 6 | 10 | 373 | 19 | 26 | 28 | 17 |
| forms | Tetanus | | , | ı | • | | , | , | , | | |
| forms | Trichinosis | • | , | • | • | | | | | | |
| forms | Tuberculosis, respiratory | 4 | 28 | 2 | - | Ģ | 106 | 10 | 4 | 14 | 2 |
| other | Tuberculosis, other forms | | | , | | 1 | ()1 | - | , | - : | . , |
| other | Tularemia | | - | , | | | | | | . , | |
| other | Typhoid fever | | | | _ | | ω | , | ı | | |
| other 2 2 1 2 2 1 2 2 1 2 2 2 1 2 2 2 2 2 2 | Typhus fever | | | | | | 1 | | , | | • |
| | Venereel diseases, other | • | | , | | , | 2 | 1 | | | |
| | Whooping cough | • | , | | | | w | , | | | |
| | Well-mont noonless | 3 | 5 | ٥ | 0 | : | 3 | ; | : | | |

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TABLE IX. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOWA CITY, TULSA CITY AND MILITARY, 1961

(Continued)

| | | | 6 | (Continued) | | | | | | |
|-----------------------------------|-------|----------------|----------|-------------------|-----------------|----------------|--------|----------|----------------------------|----------|
| Disease | Payne | Pitts- burg | Pontotoc | Potta- watomie | Push- mataha | Roger Mills | Rogers | Seminole | Seminole Sequoyah Stephens | Stephens |
| Anthrex in men | - | | | | , | | | , | | - |
| Botulism | | | , | | | | | , | , | , |
| Brucellosis | | | | | | | _ | | | |
| Diphtheria | | | | | | , | | | | |
| Dysentery, amebic | 1 | | v | | | | , | _ | | 2 |
| Dysentery, bacillary | , | , | ı | | _ | _ | | | , | 2 |
| Dysentery, unspecified | | , | . , | | , | , | | • | , | |
| Encephalitis, infectious | ,,, | | , | | , | | , | , | 1 | 1 |
| Glanders | | | , | , | | | , | , | , | |
| Gonococcal ophthalmia | | | ٠, | ٠. | | , | | | , | |
| Gonorrhea | 52 | 38 | . 13 | , e | | 1 | 17 | 42 | 50 | 63 |
| Hepatitis, infectious | | G | ω | 2 | _ | | 2 | 1 | u | 5 |
| Leptospirosis | , | | | | | | , | | , | |
| Malaria, acquired in U. S. | | , | , | | ı | , | | | | , |
| Malaria, acquired outside U. S. | , | | , | | | | | | , | |
| Measles | , | | , | | | | ω | | , | |
| Meningococcal infections | 1 | , | | | , | , | | ı | , | 2 |
| Meningitis, aseptic | , | | | 2 | , | , | 1 | , | | 1 |
| Poliomyelitis, acute | , | , | | | | | , | 2 | , | , |
| Psittacosis | | , | | | , | , | | | | |
| Rabies in animals | 6 | , | , | | | | | , | | |
| Rabies in man | | | , | , | | | | , | , | , |
| Rheumatic fever | | | <u>.</u> | | , | | | , | ,_ | |
| Rocky Mountain spotted fever | | | | _ | | | • | | | , |
| Salmonellosis, exc. typhoid fever | | , | | _ | 2 | ı | | , | , | |
| Smallpox | | , | , | | | , | | | | |
| Streptococcal sore throat, | | ; | | | | | i | | 1 | |
| including scarlet fever | . 2 | 12 | | ٠. | , , | • | 18 | | . ω | |
| Syphilis | 31 | 83 | 7 | 28 | u | | 11 | 9 | 6 | 10 |
| Tetanus | , | | ' | , | , | | | | , | |
| Trichinosis | | | ; , | : . | ; , | | | | 1 | , |
| Tuberculosis, repsiratory | 8 | 8 | 13 | 12 | 10 | 2 | | 9 | 8 | |
| Tuberculosis, other forms | | , | 1 | | , | , | | , | , | |
| Tularemia | , | | | | , | | , | , | , | , |
| Typhoid fever | | | , | , | , | ı | | , | , | ı |
| Typhus fever | , | | , | | , | , | | , | , | |
| Venereal diseases, other | | 1 | | | , | , | | | | , |
| Whooping cough | ı | | , | | , | , | | | , | |
| | 29 | 25 | 20 | 48 | ដ | w | 20 | 37 | 10 | 39 |
| Malignant neoplasms | : | | | | | | | | | |

| Anthrax in mean Boulians Boulians Brightheria anable Dishtheria phthalmia Cancerocal ophthalmia Cancerocal ophthalmia Cancerocal ophthalmia Cancerocal infectious Dishtheria anable Dishtheria a | Disease | Texas | Tillman | Tulsa | Wagoner | Wash- ington | Washita | Woods | Wood- ward | Mili- tary | Okla. City | Tulsa City |
|--|-----------------------------------|-------|---------|-------|---------|-----------------|---------|-------|---------------|---------------|---------------|---------------|
| y y 1 | Anthrax in man | | | | , | , | , | - | | | | |
| yetitous | Botulism | | , | | | | | | | | | |
| y y ind itious 14 | Brucellosis | • | | • | | | , | | | | - | |
| y y y y 1 | Diphtheria | 2 | , | , | | | , | | | | ω | |
| ind it is a second of the control of | Dysentery, amebic | | | | , | 1 | | | | | 27 | _ |
| titous 14 1 2 1,078 1,905 14 17 18 1,905 14 18 1 18 18 14 18 18 18 18 18 18 18 18 18 18 18 18 18 | Dysentery, bacillary | • | , | 7 | | - | • | | _ | | 3 | 7 |
| thous | Dysentery, unspecified | | | | | | | | • | | | |
| ida | Encephalitis, infectious | | | 14 | | | | 1 | | | w | 00 |
| ida 1 8 410 11 2 1,078 1,905 1 1 1 2 1 1,078 1,905 1 1 1 2 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 2 1 | Glanders | , | | | , | | | | | | , | |
| uus 1 8 100 11 2 1,1078 1,905 1,905 1,1078 1,905 1,1078 1,905 1,1078 1,1 | Gonococcal ophthalmia | , | | _ | | | , | , | | | | |
| uss 1 2 106 1 1 3 - 9 27 In U. S. | Gonorrhea | _ | œ | 410 | 11 | 2 | , | | | 1,078 | 1,905 | 359 |
| n U. S | Hepatitis, infectious | _ | 2 | 106 | 1 | 1 | w | , | | 9 | 27 | 94 |
| The state of the s | Leptospirosis | , | | | , | | | | | | | |
| Utside II. S. 278 | | | , | 1 | , | | | , | , | | | |
| tions | | , | | | , | | , | , | 1 | | | |
| tions 2 2 4 4 99 3 7 11 11 4 4 9 5 5 7 220 13 11 13 2 6 - 318 | Measles | | | 278 | , | ı | , | , | | -1 | 27 | 278 |
| e e 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Meningococcal infections | | | 2 | , | 1 | ì | | _ | , | 4 | 2 |
| e e 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Meningitis, aseptic | | | , | , | | ' | | | | 4 | |
| tead fewer | Poliomyelitis, acute | ı | • | , | , | | , | , | , | | | _ |
| ted fewer | Psittacosis | , | | | , | | | | | | ı | |
| ted fever | Rabies in animals | | | w | | , | , | , | , | 1 | | |
| ted fever - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | Rabies in man | , | | , | | | | | , | , | 1 | |
| ted fever - 20 1 - 3 3 4 5 5 6 27 230 13 11 13 2 6 3 3 18 3 8 10 3 3 6 27 34 3 5 6 27 34 3 5 6 6 27 34 3 5 6 6 27 34 3 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 | Rheumatic fever | | , | G | | | | | , | , | _ | ر. د |
| typhold fewer - - 20 - 1 - - 3 fewer - 528 - 2 - - 2 115 fewer 1 3 183 8 10 3 - 6 27 343 rancery 2 4 99 3 7 1 1 4 - 93 forms - - - - - - - - - - - - other -< | Rocky Mountain spotted fever | , | | _ | 1 | | | | | | ı | _ |
| fever 5 3 183 8 10 3 6 27 343 1 1 1 1 4 1 93 1 1 1 1 4 1 93 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Salmonellosis, exc. typhoid fever | , | | 20 | , | 1 | | | | | ω | 20 |
| fewer 5 - 528 - 2 | Smallpox | | | | , | | | | • | | | |
| fewer 5 3 1838 8 10 3 6 27 303 1838 8 10 3 | Streptococcal sore throat, | | | | | | | | | | | |
| 1 3 183 8 10 3 - 6 27 343 Forms 2 4 99 3 7 11 11 4 93 Sother 2 7 220 13 11 13 2 6 . 318 | including scarlet fever | 5 | | 528 | , | 2 | • | , | , | 2 | 115 | 516 |
| forms | Syphilis | 1 | ω | 183 | - 00 | 10 | ω | | 6 | 27 | 343 | 158 |
| Autory 2 4 99 3 7 1 1 1 4 93 3 7 1 1 1 4 93 3 7 1 1 1 1 4 1 93 3 7 1 1 1 1 4 1 1 93 3 7 1 1 1 1 4 1 1 93 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Tetanus | | , | | 1 | | , | , | , | | | |
| forms 2 4 99 3 7 1 1 4 93 forms 2 5 7 220 13 11 13 2 6 318 | Trichinosis | , | | | , | , | , | , | | , | , | |
| forms 5 - 3 - 3 - 3 - 5 - 5 - 5 - 5 - 5 - 5 - | Tuberculosis, respiratory | 2 | 4 | 99 | ω | 7 | _ | , | 4 | | 93 | 90 |
| other 2 2 2 2 2 3 3 3 5 5 7 230 13 11 13 2 6 2 318 | Tuberculosis, other forms | , | , | G | | , | , | | • | | 3 | |
| other 2 | Tularemia | | | | , | ı | • | | | , | | |
| other | Typhoid fever | | | | 2 | | | | | , | w | |
| other - 2 - 4 2 3 5 7 230 13 11 13 2 6 - 318 | Typhus fever | | • | | | | | , | • | · - | | |
| 5 7 230 13 11 13 2 6 318 | Venereal diseases, other | | | | | | | • | | 4 | 2 | |
| 5 7 230 13 11 13 2 6 . 318 | Whooping cough | , | 1 | 2 | | | | _ | | | ω | 2 |
| | Malignant neoplasms | 5 | 7 | 230 | 13 | E | 13 | 2 | 6 | | 318 | 184 |