

PUBLIC HEALTH STATISTICS

STATE OF

OKLAHOMA

1945



PART I

COMMUNICABLE DISEASES

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Oklahoma State Health Department
Oklahoma City, Oklahoma
G. F. MATHEWS, M. D., Commissioner

FOREWORD

The effectiveness of a public health program aimed at the eradication of disease depends to a large extent upon the promptness and completeness of morbidity reporting. It is only through the reports from practicing physicians, hospitals, and institutions that the public health authorities, who are responsible for the control of preventable diseases, can determine when, where, how, and among whom cases are occurring.

The statistics presented in this publication were accumulated from the weekly morbidity reports received during the year 1945. It is a recognized fact that reporting is far from complete for some diseases, as indicated by the figures for cases reported by death certificates on Table I in the Introduction. The analysis of the available data, however, is valuable in determining public health needs and planning control procedures to combat the spread of disease.

The State Department of Health is making every effort to secure complete and accurate information concerning communicable disease cases occurring in Oklahoma. The cooperation and interest of all those responsible for the reporting of diseases is appreciated.

G. F. Mathews
G. F. Mathews, M. D.
Commissioner of Health

PUBLIC HEALTH STATISTICS OF OKLAHOMA
COMMUNICABLE DISEASES

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TABLE OF CONTENTS

Introduction	Page No. 1
Table I. Reported Cases of Communicable Diseases, Number and Rate (Number per 100,000 Estimated Population), Oklahoma, 1936-1945	10
Table II. Reported Cases of Communicable Diseases, Number and Rate (Number per 100,000 Estimated Population), by Race, Oklahoma, 1945	11
Table III. Reported Cases of Communicable Diseases, by Months, Oklahoma, 1945	11
Table IV. Reported Cases of Selected Communicable Diseases by Sex and Race, Oklahoma, 1945	12
Table V. Reported Cases of Selected Communicable Diseases by Age, Oklahoma, 1945	13
Table VI. Reported Cases of Communicable Diseases by County, Oklahoma, 1945	14

This 1945 edition of Public Health Statistics, Part I, Communicable Diseases, is the second annual morbidity report published in bulletin form for Oklahoma. The tables have been prepared from data obtained through weekly report cards from practicing physicians, hospitals and health departments, listing the cases of reportable diseases occurring in their practice during the week. Provisional figures are compiled weekly and monthly from these reports to indicate the prevalence of communicable diseases and the location of cases; these periodic tabulations are used by health authorities and physicians for the recognition of communicable disease problems at the time they are occurring.

The annual tabulations are prepared from all of the data accumulated during the year and are presented in this bulletin for the information of those who are responsible for and interested in the control of communicable diseases. An analysis of the statistical data, showing when, where, and among whom cases occur, is useful in planning future control programs. The figures should be used with caution since the extent of under-reporting varies by disease and can not be determined accurately. The number of reported cases, however, may be considered as an indication of the general trends of disease incidence.

In the allocation of reported cases of communicable diseases to counties and urban areas, the place where the disease was contracted is used; in most cases this is the same as the place of residence. Cases of communicable diseases reported by the military installations are not included in county breakdowns. These cases are tabulated separately, however, and are included in the totals for the State.

It is routine procedure for duplicate reports to be eliminated insofar as possible. Tuberculosis and venereal disease cases reported are checked by accumulative case register files to eliminate cases that may have been reported originally in previous years. Cases reported by death certificates only are considered as delayed reports and are included in the annual tabulations, though they are not a part of weekly and monthly tabulations. Table I shows the number of cases reported by death certificates for some of the reportable diseases where early reporting of the case is important in preventing spread of infection to other persons.

Table 1

	Total Reported Cases	Cases Reported by Death Certificates	Per Cent Reported by Death Certificates
Diphtheria	300	36	12.0
Dysentery	211	49	23.2
Malaria	1,101	16	1.5
Meningitis, meningococcus	84	18	21.4
Polioomyelitis	200	4	2.0
Rocky Mountain spotted fever	25	5	20.0
Scarlet fever	1,003	6	0.6
Septic sore throat	194	19	9.8
Tuberculosis, all forms	2,246	448	19.9
Typhoid, paratyphoid fevers	100	9	9.0
Typhus fever	3	2	66.7
Whooping cough	713	44	6.2

The rates for 1945 cases may be somewhat low in comparison to the 1940-1944 rates. In studying the trends for these five years, the inatability of the population during time of war and the difficulty of arriving at logical population estimates must be considered. The 1940-1944 population estimates were based on the ration book No. IV registration and the 1940 Census figures, which, of course, exclude military personnel. The 1945 estimates, on the other hand, have been accelerated to include the military personnel returning to civilian status and also the increase of population indicated by a comparison of available figures.

Provisional figures for resident deaths from some of the communicable diseases have been used in the introduction for comparative purposes. The case fatality rates show the number of deaths per 100 cases. Final figures for deaths, which may be slightly higher due to the inclusion of delayed certificates, will be published in Part II of Public Health Statistics.

Diphtheria

During 1945, reports were received for 300 cases of diphtheria, the lowest number on record, with the exception of the 1943 figure of 239 cases. Table 2 shows the number of reported cases and deaths for four age groups and the case fatality rate for each group.

Table 2

Age Group	Reported Cases	Deaths	Case Fatality Rate
Total	300	51	17.0
Under 1 Year	13	1	7.7
1-4 Years	92	25	27.2
5-9 Years	103	18	17.5
10 Years and over	68	7	10.3
Unknown	24	-	-

Of the total diphtheria cases with ages stated, 38.0 per cent were children under 5 years of age. The 5-9 age group had another 37.3 per cent of the cases. The case fatality rate for the children under 5, however, was 24.8 as compared with the 17.5 rate for the children 5-9 years of age.

Malaria

During the year, 1,089 cases of malaria were reported for the civilian population and 12 for the military population. In addition, 42 other cases were reported among ex-servicemen who had acquired the infection outside of the United States; these cases were not included in State tabulations.

The reported cases of malaria among the civilian population were concentrated in the Southeastern section of the State, with 320 cases in McIntosh County, 260 in McCurtain County, 247 in Atoka County. These three counties reported 75.9 per cent of the civilian cases. The number of cases reported during the months May-September was 71.7 per cent of the total.

Measles

The number of reported cases of measles for 1945 was the lowest since 1940; there were only 841 cases of measles reported, including the 56 cases among the military population. In previous years it was the procedure to include German measles in the total count for measles; these 1945 tabulations, however, list the 90 cases of German measles in a separate category. The table below compares the deaths from measles with the cases reported, according to age groups.

Table 2

Age Group	Reported Cases	Deaths	Case Fatality	
			Rate	
Total	841	4	0.5	
Under 1 Year	33	-	-	
1-4 Years	204	1	0.5	
5-9 Years	214	1	0.5	
10 Years and over	108	2	1.9	
Unknown	282	-	-	

The Indian rate of 36.6 cases per 100,000 estimated population was higher than the rate for the white, 26.2, and the Negro rate of 10.3.

Meningococcus Meningitis

The 84 cases of meningococcus meningitis reported for 1945 was a lower figure than for the preceding two years, 124 and 117. The average for the previous five years 1938-1942, however, was only 36.8 cases.

As shown in Table 4, the fatality rate of meningococcus meningitis was relatively high for the 1-4 age group and adult life. The sex distribution is also shown in the table below.

Table 4

Age Group	Reported Cases		Deaths		Case Fatality
	Male	Female	Male	Female	
Total	46	36	2	10	29.8
Under 1 Year	2	2	-	-	-
1-4 Years	9	10	-	2	42.1
5-9 Years	8	4	-	1	16.7
10-19 Years	14	9	-	2	17.4
20-29 Years	2	2	-	1	50.0
30 Years & over	10	9	4	5	47.4
Unknown	1	-	-	-	-

Poliomyelitis

All of the 200 poliomyelitis cases reported in 1945 occurred in the civilian population. Although this number was high in comparison to the 54 cases for 1944, it was considerably lower than the 594 cases reported in 1943. Table 5 shows the distribution of the cases and deaths by age groups.

Table 5

Age Group	Reported Cases	Deaths	Case Fatality	
			Rate	
Total	200	13	6.5	
Under 1 Year	4	-	-	
1-4 Years	53	1	1.9	
5-9 Years	74	6	8.1	
10-14 Years	47	5	10.6	
15 Years and over	20	1	5.0	
Unknown	2	-	-	

As might be expected, 75.5 per cent of the cases occurred in the four months July through September. The rate for the white population was the highest, with 9.0 cases reported per 100,000 estimated population. The Negro rate was 3.4; no cases were reported among the Indian population.

Respiratory Streptococcal Infection

The two respiratory streptococcal diseases, scarlet fever and streptococcal (septic) sore throat, totaled 1,197 cases for the State. The distribution of these cases by age groups is shown in the table below. The fatality rates for both diseases were highest for the children under five - 1.5 for scarlet fever and 24.4 for septic sore throat.

Table 6

Age Group	Scarlet Fever		Septic Sore Throat	
	Reported Cases	Case Fatality Rate	Reported Cases	Case Fatality Rate
Total	1,003	8	194	21
Under 1 Year	13	1	5	2
1-4 Years	246	3	36	8
5-9 Years	388	2	30	3
10 Years and over	230	2	97	8
Unknown	126	-	26	-

Of the total cases reported, 121 of the scarlet fever and 1 septic sore throat were in the military population.

Whooping Cough

Whooping cough cases reported in 1945 totaled 713, with a rate of 29.9 per 100,000 estimated population. The Indian rate of 67.9 was unusually high in comparison with 21.6 for the white and 25.2 for the Negro. The distribution of these cases and the deaths according to age groups are shown in the table below.

Table 7			
Age Group	Reported Cases	Deaths	Case Fatality Rate
Total	713	47	6.6
Under 1 Year	138	38	27.5
1-4 Years	187	6	3.2
5-9 Years	125	1	0.8
10 Years and over	48	2	4.2
Unknown	215	-	-

Of those cases with ages specified, 90.4 per cent were under 10 years of age; 27.7 per cent were under 1 year of age. The fatality rate was highest in the infant group, with 27.5 per cent of the cases dying.

Other Acute Communicable Diseases

Typhoid and Paratyphoid fever cases again showed a decrease over previous years. The number of cases reported was 100, with a rate of 4.2 per 100,000 estimated population. These diseases have steadily decreased from a rate of 23.1 in 1936 when there were 545 cases recorded. The 1945 case fatality rate for the typhoids was 12.0.

During 1945, dysentery showed a decrease in cases from 242 in 1944 to 211 in 1945. The 1943 figure of 139 cases, however, was the lowest on record. Amoebic dysentery numbered 28 cases, including 5 military cases, and bacillary dysentery totaled 146 cases; 37 other cases were unspecified as to organism.

The number of reported cases of Rocky Mountain spotted fever hit a new high in 1945, with 25 cases for the State. These cases were widely scattered, mostly in the Eastern half of the State. The fatality rate for this disease was very high; 9 deaths recorded, with a rate of 36.0.

The 13 cases of smallpox reported in 1945 were somewhat scattered in the State. One county reported 3 cases, three counties had 2 cases each, and four other counties reported 1 case each. No deaths were attributed to this disease.

Tuberculosis

A total of 2,246 cases of tuberculosis were reported for the first time in 1945; 2,187 of these were respiratory infection and 59 were other forms. There were 2.7 cases reported per death in 1945. The table below shows the breakdown of the reported cases by stage and activity or type and by color. Only 11 military cases were reported and were included in the table.

Table 8					
	Total	White	Negro	Indian	Unknown
<u>Tuberculosis of Respiratory System:</u>	2,187	1,549	213	222	203
Minimal, Active	167	117	10	12	28
Mod. Adv., Active	231	167	24	19	21
Far Adv., Active	280	211	44	15	10
Inactive (any stage)	69	32	3	2	32
Arrested (any stage)	211	169	9	23	10
Ap. Cured (any stage)	18	11	1	3	3
Unqualified	1,211	842	122	148	99
<u>Tuberculosis of:</u>					
Meninges	13	6	3	4	-
Intestines & Peritoneum	8	4	3	1	-
Vertebral Column	9	6	2	1	-
Bones and Joints	4	2	1	1	-
Skin	-	-	-	-	-
Lymphatic System	4	2	1	1	-
Genito-urinary System	7	6	-	1	-
Other Organs	1	1	-	-	-
Military	13	9	2	2	-

The tremendous increase in the number of reported cases of tuberculosis in the past two years is believed to be due to several factors: Increased diagnostic facilities; inclusion of cases reported by death certificates only; improvement of the system of interchanging information between sanatoria, local health departments, and the State Department of Health.

Venereal Diseases

The 9,216 cases of gonorrhea reported in 1945 was the highest figure on record - 39.7 per cent higher than 6,596 cases in 1944. Syphilis cases, on the other hand, showed a 26.6 per cent decrease from the 1944 figure and 37.1 per cent decrease from the all-time high record of 9,511 newly reported cases in 1943. Table 9 below shows the distribution of the venereal disease cases reported in 1945 by sex and stage of disease.

Table 9

	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Unknown</u>
Gonorrhea	9,216	4,213	4,984	19
Syphilis, all stages	5,978	2,697	3,243	38
Primary and Secondary	1,023	493	530	-
Early Latent	1,577	610	966	1
Late and Late Latent	1,727	845	878	4
Congenital	255	120	135	-
Not stated	1,396	629	734	33
Ophthalmia Neonatorum	4	2	2	-
Other Venereal Diseases	88	48	40	-
Chancroid	73	45	28	-
Granuloma Inguinale	4	1	3	-
Lymphogranuloma	11	2	9	-

Only 13.1 per cent of the syphilis cases specified by stage were primary and secondary cases, while 22.1 per cent were late or late latent cases. As would be expected, the primary and secondary cases occurred most frequently in the younger age groups, with almost half of these cases between the ages of 20 and 30. Approximately 40 per cent of the early latent cases were also in the 20 to 30 age group. The late and late latent cases, of course, were older, with 66 per cent of the cases over 35 years of age. Table 10 shows the percentage distribution of these cases by age.

Table 10

<u>Age Group</u>	<u>Primary and Secondary</u>		<u>Early Latent</u>		<u>Late and Late Latent</u>	
	<u>Number</u>	<u>Per Cent</u>	<u>Number</u>	<u>Per Cent</u>	<u>Number</u>	<u>Per Cent</u>
Total cases with age specified	784	100.0	1,165	100.0	1,258	100.0
Under 20 Years	242	30.9	220	18.9	29	2.3
20-24 Years	254	32.4	337	28.9	65	5.2
25-29 Years	132	16.8	260	22.3	126	10.0
30-34 Years	65	8.3	150	12.9	204	16.2
35-44 Years	67	8.5	150	12.9	391	31.1
45 Years and over	24	3.1	48	4.1	443	35.2

Symbols Used in Tables

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

TABLE I. REPORTED CASES OF COMMUNICABLE DISEASES, NUMBER AND RATE (NUMBER PER 100,000 ESTIMATED POPULATION), BY RACE, OKLAHOMA, 1936-1945

Disease	1936	1937	1938	1939	1940
Antitox in man	599	792	2	1,005	785
Diphtheria	473	642	665	458	395
Dysentery, bacillary	22.9	31.1	47.3	42.9	33.9
Dysentery, unspecified	1.0	-	28.3	19.6	23.1
Enteritis, infectious	290	248	209	379	619
Gonorrhea	25	11	6	8	28.0
Influenza	1,882	4,341	3,377	3,072	2,804
Measles	6,528	276.8	4,234	5,918	479.8
Meningitis, meningococcus	1,211	1,387	1,516	1,972	1,874
Mumps	333	1,203	2,622	4,793	4,444
Parotitis, mumps	223	133	126	33	38
Pneumonia, all forms	201	172	259	191	149
Poliomyelitis, acute	3,097	2,069	1,738	1,829	3,104
Rabies in man	5	-	36	65	159
Rocky Mountain spotted fever	0.2	-	1.5	1	0.0
Scarlet fever	1,160	1,664	1,440	1,246	926
Septic sore throat	346	474	595	623	596
Smallpox	49	116	605	873	198
Syphilis	2,401	5,971	5,096	8,624	5,897
Tuberculosis, all forms	426	1,094	1,300	1,362	1,661
Typhoid, paratyphoid fevers	4	10	50	34	62
Typhus fever	545	621	517	489	386
Unlabeled fevers	96	505	1,899	1	112
Whooping cough	235	1,085	1,772	214	766

Disease	1941	1942	1943	1944	1945
Antitox in man	794	1,029	1	821	682
Diphtheria	734	47.6	841	40.4	281
Dysentery, bacillary	473	239	11.5	334	12.6
Dysentery, unspecified	308	398	6.7	222	8.9
Enteritis, infectious	14	15.3	1.8	11.9	0.3
Gonorrhea	2,357	3,666	4,694	6,596	385.6
Influenza	14,327	3,701	6,842	11,778	6,924
Measles	2,028	89.6	1,421	1,098	1,101
Meningitis, meningococcus	2,028	1,316	2,976	4,216	3,513
Mumps	2,459	6,339	11,778	11,778	84
Parotitis, mumps	97	48.5	651	22.7	31.8
Pneumonia, all forms	2,703	1,989	1,446	2,346	82.1
Poliomyelitis, acute	98	28	594	3	200
Rabies in man	2	-	1	0.1	-
Rocky Mountain spotted fever	0.5	-	0.8	-	1.0
Scarlet fever	899	772	49.7	1,003	42.1
Septic sore throat	716	32.0	222	141	8.1
Smallpox	43	30	19	7	13
Syphilis	8,132	8,914	9,211	8,112	5,978
Tuberculosis, all forms	1,538	1,461	1,791	2,466	2,246
Typhoid, paratyphoid fevers	51	2.3	1.6	10	25
Typhus fever	227	200	168	109	5.4
Unlabeled fevers	2	3	4	1	37
Whooping cough	1,206	475	885	426	713

TABLE II. REPORTED CASES OF COMMUNICABLE DISEASES, NUMBER AND RATE (NUMBER PER 100,000 ESTIMATED POPULATION), BY RACE, OKLAHOMA, 1945

Disease	TOTAL	WHITE	NEGRO	INDIAN	UNKNOWN
Antitox in man	2,381,468	2,131,778	174,775	57,437	-
Diphtheria	642	28.6	480	17	172
Dysentery, bacillary	300	12.6	270	4.6	14
Dysentery, unspecified	126	4.2	111	1	37
Enteritis, infectious	37	1.6	20	7	4
Gonorrhea	8	0.3	8	-	-
Influenza	4	0.2	4	-	-
Measles	6,528	26.1	5,918	611.1	3,363
Meningitis, meningococcus	1,211	4.2	1,094	199	231
Mumps	333	3.5	261	5.1	23
Parotitis, mumps	223	0.8	18	-	-
Pneumonia, all forms	790	31.8	565	26	155
Poliomyelitis, acute	4	1.2	3	-	-
Rabies in man	5	-	-	-	-
Rocky Mountain spotted fever	1,003	42.1	891	2.3	103
Scarlet fever	1,160	8.1	76	6.3	15
Septic sore throat	5,976	25.0	5,096	184	573
Smallpox	13	0.5	13	-	-
Syphilis	184	7.7	127	56	203
Tuberculosis, all forms	2,401	9.7	2,139	222	386.5
Typhoid, paratyphoid fevers	25	1.0	19	0.6	1
Typhus fever	100	4.2	74	8.0	5
Unlabeled fevers	96	0.4	9	1.7	1
Whooping cough	713	3.7	39	24.0	1

TABLE III. REPORTED CASES OF COMMUNICABLE DISEASES, BY MONTHS, OKLAHOMA, 1945

Disease	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Antitox in man	35,099	5,163	2,778	3,721	2,580	2,077	2,090	2,192	2,502	1,997	5,286	-	-
Diphtheria	642	121	136	23	15	23	5	15	22	40	47	19	39
Dysentery, bacillary	300	38	28	5	5	1	2	5	4	3	1	4	4
Dysentery, unspecified	126	146	24	13	1	4	1	2	1	2	1	1	1
Enteritis, infectious	37	37	-	-	-	-	-	-	-	-	-	-	-
Gonorrhea	8	4	-	1	1	1	-	-	-	-	-	-	-
Influenza	90	21	21	20	22	11	6	2	1	1	1	2	2
Measles	6,528	622	685	725	692	636	775	958	1,160	722	693	-	-
Meningitis, meningococcus	1,211	1,066	320	88	67	135	57	67	135	210	3,286	-	-
Mumps	333	28	24	24	24	100	68	137	254	60	13	22	16
Parotitis, mumps	97	84	11	12	9	7	12	34	6	3	1	2	8
Pneumonia, all forms	42	4	5	3	3	3	2	18	3	3	28	3	3
Poliomyelitis, acute	98	103	43	130	67	91	65	75	49	43	58	108	-
Rabies in man	2	2	2	2	2	2	2	2	2	2	2	2	2
Rocky Mountain spotted fever	1,003	147	101	135	15	96	66	29	21	36	77	135	-
Scarlet fever	1,160	127	8	18	18	18	18	18	26	21	12	15	-
Septic sore throat	5,976	760	321	594	400	399	561	482	451	-	-	-	-
Smallpox	13	3	3	3	3	3	3	3	3	3	3	3	3
Syphilis	8,132	5,978	184	2,187	103	196	3	158	203	9	6	2	2
Tuberculosis, all forms	2,401	148	103	194	18	158	233	219	203	9	6	2	2
Typhoid, paratyphoid fevers	51	5	5	5	5	5	5	5	5	5	5	5	5
Typhus fever	227	10	10	10	10	10	10	10	10	10	10	10	10
Unlabeled fevers	2	2	2	2	2	2	2	2	2	2	2	2	2
Whooping cough	1,206	713	53	89	59	82	76	61	78	38	31	11	11

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY SEX AND RACE,
OKLAHOMA, 1945

Disease	ALL CASES			WHITE			NEGRO			INDIAN			UNKNOWN		
	Male	Female	Unknown	Male	Female	Unknown	Male	Female	Unknown	Male	Female	Unknown	Male	Female	Unknown
Anthrax in man	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-
Chickenpox	268	234	180	243	218	19	7	5	1	9	8	-	9	3	160
Diphtheria	138	151	11	128	139	3	3	5	-	3	5	-	4	2	8
Dysentery	76	69	66	61	48	22	11	15	-	4	6	3	-	-	41
Encephalitis, infectious	4	4	-	4	4	-	-	-	-	-	-	-	-	-	-
German measles	40	31	19	30	29	-	1	-	-	2	-	-	9	-	19
Gonorrhea	4,213	4,984	19	2,760	3,321	2	1,179	1,216	-	49	302	-	225	145	17
Hookworm	4	2	-	4	2	-	-	-	-	-	-	-	-	-	-
Influenza	1,192	1,245	4,487	981	982	565	47	72	149	135	162	458	29	29	3,305
Malaria	294	232	575	236	167	159	15	28	6	35	37	127	8	8	283
Measles	338	296	207	279	274	11	7	11	-	12	9	-	40	2	196
Meningitis, meningococcus	46	36	2	44	29	1	2	7	-	-	-	-	-	-	1
Mumps	340	219	200	312	208	45	8	5	-	12	2	12	8	4	143
Ophthalmia neonatorum	2	2	-	-	-	-	1	2	-	1	-	-	-	-	-
Pellagra	19	23	-	18	20	-	-	3	-	1	-	-	-	-	-
Pneumonia, all forms	1,124	778	56	862	656	-	110	77	-	62	42	-	90	3	56
Polioomyelitis, acute	117	83	-	113	80	-	3	3	-	-	-	-	1	-	-
Puerperal septicemia	-	9	-	-	4	-	-	3	-	-	-	-	-	-	-
Rocky Mountain spotted fever	16	9	-	15	8	-	-	-	-	-	-	-	1	-	-
Scarlet fever	537	444	22	456	432	3	3	1	-	-	5	-	78	6	19
Septic sore throat	91	88	15	85	78	-	5	6	-	1	4	-	-	-	15
Smallpox	9	4	-	7	2	-	2	1	-	1	1	-	-	-	-
Syphilis	2,697	3,243	38	1,490	1,525	-	903	1,294	9	62	122	-	242	302	29
Tetanus	9	4	-	9	4	-	-	-	-	-	-	-	-	-	-
Trachoma	108	74	2	71	54	2	1	-	-	36	20	-	-	-	-
Tuberculosis, respiratory	1,241	946	-	890	659	-	114	99	-	95	127	-	142	61	-
Tuberculosis, other forms	38	21	-	26	10	-	6	6	-	5	5	-	-	-	-
Tulariaemia	21	4	-	15	4	-	1	-	-	5	-	-	-	-	-
Typhoid, paratyphoid fevers	53	47	-	44	36	-	7	7	-	1	4	-	1	-	-
Typhus fever	2	1	-	2	1	-	-	-	-	-	-	-	-	-	-
Undulant fever	17	20	-	17	17	-	-	1	-	-	1	-	-	1	-
Veneral diseases, other	48	40	-	26	13	-	19	23	-	2	3	-	1	1	-
Whooping cough	242	272	199	200	231	34	22	22	-	17	17	5	3	2	160

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE,
OKLAHOMA, 1945

Disease	All Ages	Age in Years																Age Over
		Under 1 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 & Over	
Anthrax in man	2	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Chickenpox	682	17	21	35	37	45	234	39	19	6	6	5	6	1	-	-	-	211
Diphtheria	300	13	20	32	24	16	103	30	10	7	6	4	8	2	1	-	-	24
Dysentery	211	54	12	7	4	5	10	3	4	3	4	5	6	7	6	4	6	71
Encephalitis, infectious	8	1	-	-	-	-	2	-	-	1	1	-	-	1	-	-	-	1
German measles	90	3	4	4	2	2	17	10	5	8	4	-	-	-	-	-	-	31
Gonorrhea	9,216	11	3	6	2	6	22	70	2,077	2,850	1,321	661	449	111	32	9	2	1,584
Hookworm	6	-	-	-	-	-	1	3	1	1	-	-	-	-	-	-	-	-
Influenza	6,924	63	55	85	63	57	247	275	212	97	107	136	250	236	113	113	78	4,737
Malaria	1,101	7	9	27	17	26	54	31	41	41	41	27	62	44	26	28	9	593
Measles	841	33	39	59	65	41	214	53	26	9	5	6	7	-	1	-	1	282
Meningitis, meningococcus	84	4	2	7	7	3	12	13	10	2	2	-	3	3	1	8	1	6
Mumps	759	2	13	14	9	10	144	104	72	47	35	16	32	8	7	3	-	243
Ophthalmia neonatorum	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Pellagra	42	-	-	-	-	-	-	-	-	-	2	-	3	5	4	15	10	3
Pneumonia, all forms	1,958	315	133	70	34	38	104	69	51	54	33	49	97	108	127	205	291	180
Polioomyelitis, acute	200	4	21	15	8	9	74	47	14	2	3	-	1	-	-	-	-	2
Puerperal septicemia	9	-	-	-	-	-	-	-	4	-	3	1	1	-	-	-	-	-
Rocky Mountain spotted fever	25	-	1	1	-	1	6	8	-	-	-	-	2	1	1	-	-	4
Scarlet fever	1,003	13	31	49	87	79	388	117	64	26	8	3	5	5	2	-	-	126
Septic sore throat	194	5	7	11	11	7	30	15	16	15	8	12	12	11	3	3	2	26
Smallpox	13	-	-	3	2	-	-	-	-	2	1	-	-	-	-	-	-	-
Syphilis	5,978	40	4	18	4	14	41	53	594	786	636	544	856	446	179	58	6	1,739
Tetanus	13	-	-	2	-	1	1	-	-	-	-	1	1	1	4	1	-	-
Trachoma	184	1	2	3	3	8	56	60	10	1	3	1	10	6	1	3	3	13
Tuberculosis, respiratory	2,187	3	1	4	2	1	6	27	112	213	197	212	393	323	256	162	61	214
Tuberculosis, other forms	59	7	3	4	3	2	2	3	5	5	5	2	3	3	6	2	1	1
Tulariaemia	25	-	-	-	-	-	-	5	1	-	-	2	4	4	2	-	-	5
Typhoid, paratyphoid fevers	100	2	1	5	1	1	28	14	12	3	6	5	6	5	5	1	-	5
Typhus fever	3	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Undulant fever	37	-	-	-	1	-	2	1	2	1	1	2	14	6	2	1	-	4
Veneral diseases, other	88	-	-	-	-	-	2	-	19	30	9	4	5	-	1	-	-	18
Whooping cough	713	138	34	60	55	38	125	39	2	2	1	2	-	-	-	-	-	215

TABLE VI. REPORTED CASES OF COMMUNICABLE DISEASES BY COUNTY, OCLANDIA, 1945

Disease	State	Alameda	Alameda	Alameda	Beaver	Bohemia	Butte	Bryan	Caddo	Canadian
Adenovirus in man	2	-	-	-	-	-	-	-	-	-
Diphtheria	645	4	1	48	3	1	2	6	8	12
Dysentery, amoebic	28	-	-	-	-	-	-	-	-	-
Dysentery, bacillary	146	1	-	12	-	-	2	3	9	1
Dysentery, unspecified	3	-	-	-	-	-	-	-	-	-
Erysipelas, infectious	4	-	-	-	-	-	-	-	-	-
German measles	90	-	-	-	-	-	-	-	-	-
Gonorrhea	9,218*	40	-	60	2	15	1	109	3	25
Influenza	6,924	6	7	268	-	87	3	86	172	106
Measles	1,101	1	1	247	-	87	-	6	13	5
Meningitis, meningococcus	841	1	33	1	-	3	1	1	13	1
Meningitis, non-meningococcus	58	-	-	-	-	-	-	-	-	-
Mumps	799	1	-	-	-	-	-	-	-	-
Opthalmia neonatorum	4	-	-	-	-	-	-	-	-	-
Pellagra	42	-	-	-	-	-	-	-	-	-
Pneumonia, bronchial	42	-	-	-	-	-	-	-	-	-
Pneumonia, unspecified	333	1	3	1	-	-	-	-	-	-
Polioepidemic, acute	1,005	7	1	18	-	9	12	20	19	5
Postoperative septicemia	200	-	-	-	-	-	-	-	-	-
Scarlet fever	9	-	-	-	-	-	-	-	-	-
Septic sore throat	1,003	1	-	-	-	-	-	-	-	-
Smallpox	194	2	-	-	-	-	-	-	-	-
Syphilis	13	-	-	-	-	-	-	-	-	-
Tetanus	9,798*	23	-	45	-	33	19	97	47	41
Tuberculosis, respiratory	7,753	3	-	-	-	-	-	-	-	-
Tuberculosis, other forms	184	3	-	-	-	-	-	-	-	-
Typhoid, paratyphoid fevers	2,187*	6	-	9	-	13	10	27	48	10
Typhus fever	99	-	-	-	-	-	-	-	-	-
Undulant fever	125	1	-	-	-	-	-	-	-	-
Veneral diseases, other	37	-	-	-	-	-	-	-	-	-
Vincent's angina	88*	1	-	-	-	-	-	-	-	-
Whooping cough	73	2	-	-	-	-	-	-	-	-

Disease	Custer	DeWitt	Dewey	Ellis	Garfield	Gavin	Greely	Grant	Greene	Harmon
Adenovirus in man	2	-	-	-	-	-	-	-	-	-
Diphtheria	1	2	4	14	11	7	3	2	14	2
Dysentery, amoebic	1	-	-	-	-	-	-	-	-	-
Dysentery, bacillary	2	-	-	-	-	-	-	-	-	-
Dysentery, unspecified	1	-	-	-	-	-	-	-	-	-
Erysipelas, infectious	1	-	-	-	-	-	-	-	-	-
German measles	1	-	-	-	-	-	-	-	-	-
Gonorrhea	199	1	50	21	3	4	84	1	8	11
Influenza	646	1	-	1	17	19	176	4	4	4
Measles	8	2	1	5	-	3	22	1	1	1
Meningitis, meningococcus	14	-	-	-	-	-	-	-	-	-
Meningitis, non-meningococcus	1	-	-	-	-	-	-	-	-	-
Mumps	1	-	-	-	-	-	-	-	-	-
Opthalmia neonatorum	4	-	-	-	-	-	-	-	-	-
Pellagra	4	-	-	-	-	-	-	-	-	-
Pneumonia, bronchial	4	-	-	-	-	-	-	-	-	-
Pneumonia, unspecified	19	-	-	-	-	-	-	-	-	-
Polioepidemic, acute	21	-	-	-	-	-	-	-	-	-
Postoperative septicemia	2	-	-	-	-	-	-	-	-	-
Scarlet fever	2	-	-	-	-	-	-	-	-	-
Septic sore throat	16	-	-	-	-	-	-	-	-	-
Smallpox	14	-	-	-	-	-	-	-	-	-
Syphilis	113	-	-	-	-	-	-	-	-	-
Tetanus	113	-	-	-	-	-	-	-	-	-
Tuberculosis, respiratory	38	-	-	-	-	-	-	-	-	-
Tuberculosis, other forms	3	-	-	-	-	-	-	-	-	-
Typhoid, paratyphoid fevers	1	-	-	-	-	-	-	-	-	-
Typhus fever	2	-	-	-	-	-	-	-	-	-
Undulant fever	2	-	-	-	-	-	-	-	-	-
Veneral diseases, other	2	-	-	-	-	-	-	-	-	-
Vincent's angina	45	-	-	-	-	-	-	-	-	-
Whooping cough	45	-	-	-	-	-	-	-	-	-

* State total includes cases with county of residence unknown.

TABLE VI. REPORTED CASES OF COMMUNICABLE DISEASES BY COUNTY, OCLANDIA, 1945 (continued)

Disease	Custer	DeWitt	Dewey	Ellis	Garfield	Gavin	Greely	Grant	Greene	Harmon
Adenovirus in man	2	-	-	-	-	-	-	-	-	-
Diphtheria	1	2	4	14	11	7	3	2	14	2
Dysentery, amoebic	1	-	-	-	-	-	-	-	-	-
Dysentery, bacillary	2	-	-	-	-	-	-	-	-	-
Dysentery, unspecified	1	-	-	-	-	-	-	-	-	-
Erysipelas, infectious	1	-	-	-	-	-	-	-	-	-
German measles	1	-	-	-	-	-	-	-	-	-
Gonorrhea	199	1	50	21	3	4	84	1	8	11
Influenza	646	1	-	1	17	19	176	4	4	4
Measles	8	2	1	5	-	3	22	1	1	1
Meningitis, meningococcus	14	-	-	-	-	-	-	-	-	-
Meningitis, non-meningococcus	1	-	-	-	-	-	-	-	-	-
Mumps	1	-	-	-	-	-	-	-	-	-
Opthalmia neonatorum	4	-	-	-	-	-	-	-	-	-
Pellagra	4	-	-	-	-	-	-	-	-	-
Pneumonia, bronchial	4	-	-	-	-	-	-	-	-	-
Pneumonia, unspecified	19	-	-	-	-	-	-	-	-	-
Polioepidemic, acute	21	-	-	-	-	-	-	-	-	-
Postoperative septicemia	2	-	-	-	-	-	-	-	-	-
Scarlet fever	2	-	-	-	-	-	-	-	-	-
Septic sore throat	16	-	-	-	-	-	-	-	-	-
Smallpox	14	-	-	-	-	-	-	-	-	-
Syphilis	113	-	-	-	-	-	-	-	-	-
Tetanus	113	-	-	-	-	-	-	-	-	-
Tuberculosis, respiratory	38	-	-	-	-	-	-	-	-	-
Tuberculosis, other forms	3	-	-	-	-	-	-	-	-	-
Typhoid, paratyphoid fevers	1	-	-	-	-	-	-	-	-	-
Typhus fever	2	-	-	-	-	-	-	-	-	-
Undulant fever	2	-	-	-	-	-	-	-	-	-
Veneral diseases, other	2	-	-	-	-	-	-	-	-	-
Vincent's angina	45	-	-	-	-	-	-	-	-	-
Whooping cough	45	-	-	-	-	-	-	-	-	-

