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PSYCHIATRIC STUDIES OF DELINQUENTS.

Physical, Mental, and Social Conditions of Prostitutes Detained or Quarantined in Extra-Cantonment Zones of Kansas and Kentucky.

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(EDITORIAL NOTE.—These studies will be run in five parts, which will appear in successive issues of Public Health Reports. Part I, A Psychiatric Study of Delinquent Women in Lansing, Kans., is printed in the present number; Parts IV and V will be published together.)

FOREWORD.

This series of articles presents the findings of three studies of the physical, mental, and social conditions of certain groups of women and girls who, during the war, were quarantined under health laws because of venereal infection, or, if detained upon a State charge, were found to be thus infected.

Part I, concerning delinquents in the extra-cantonment zone of Fort Leavenworth, Kans., was prepared by an officer of the Division of Scientific Research, United States Public Health Service. The study in Part II of a smaller group in Louisville, Ky., was made under authority of the special act of Congress, July 9, 1918, which created a division of venereal diseases in the United States Public Health Service and included among the duties of that division the "study, and investigation of causes, treatment, and prevention of venereal diseases." Part III represents the cooperation from the Children's Bureau of the Department of Labor, in a sociological interpretation of data of the Kansas investigation, especially data regarding the younger delinquents of the group. Part IV, the material of which is taken immediately from the Kansas investigation, draws also upon the experience of the United States Public Health Service for the important principle which is its thesis, namely, that the resources of psychiatry must be more widely drawn upon, and this in earliest years of childhood, to find and to correct tendencies in a child's behavior which promise to crystallize into antisocial habits and conduct.

The conclusions of the three investigators are grouped in Part V. These conclusions both indicate immediate problems and give grounds for assurance of their solution. The problems are of community

scope; the solution demands prompt and vigorous action by the various agencies whose object is the community's well-being. But it demands, too, more than this. The situation can not be met by work on the old, isolated, pigeonhole system. Whatever the point of departure, physical, mental, civic, or moral, an essential interdependence of activities and a necessity for fine teamwork are urgently illustrated in these studies of sexual delinquency.

The war emergency that compelled public recognition of prostitution as a menace to military fitness provided special measures for the control of this menace. The result was twofold: An extraordinary stimulation of earlier efforts to repress prostitution; a new realization of the conditions from which prostitution springs and of the evils which follow it. An aroused public saw certain too familiar "misdemeanors" in a new light; it saw them as an inevitable means of transmitting loathsome diseases. Further, people realized that these misdemeanors were more than individual matters; the offender was frequently the one offended against. The individual stood in a new perspective as the end result of social abnormalities long ignored if not deliberately concealed. History after history was traced steadily back to its source in bad heritage, neglected childhood, abnormal homes—joyless and without traditions; to inadequate teaching, unskilled work and an unstable work record, in dreary sequence reaching from generation to generation. Such facts, realized at last, could bring but one result—conviction that here was a great social menace not limited by the period of the war, not to be conquered by emergency measures only. Dealing with prostitution alone will not prove sufficient, serious as that problem was seen to be in all its forms. Public attention must focus upon the material, human and social, out of which prostitution is made; human material must be salvaged before it becomes wreckage; disease must be checked by eliminating its main source; and community conditions must be changed in order to fulfill such aims. In other words, out of the war crisis has come a call that voices with new urgency the old appeal for civic cleanliness and for the fine traditions of home and State and race and nation, and that indicates with unmistakable clearness some straight routes thitherward.

To present certain of these "routes" and the evidence of their necessity is the aim of this series. There is no attempt to emphasize one above another. Whether it be new provisions of medical resources for its sick, or far-reaching measures in recreation, housing, and hygiene for its children, each community must determine according to its own intelligent estimate of its needs. According to its response to the spirit of this after-war campaign, each community will interpret the recommendations offered in Part V for its attention—many and varied means to a common end. It must be noted

that because of their war-setting these studies focus especially upon women and girls. For the time, men as a group were particularly under military surveillance. But there is no intention to overlook the responsibility of men in creating the conditions analyzed any more than to underestimate their share in the great social movement already under way. The progress of the campaign depends upon its progress as applied citizenship, as a splendid cooperation regardless of sex or station.

PART I. A PSYCHIATRIC STUDY OF DELINQUENT WOMEN IN LANSING, KANS.

By **WALTER L. TREADWAY**, Passed Assistant Surgeon, United States Public Health Service.

Introduction.

A psychiatric study of a group of sexually delinquent women and girls was undertaken by the United States Public Health Service at the State Industrial Farm for Women at Lansing, Kans., in connection with the program of venereal disease control in the extracantonment sanitary zone of the State. This study continued over a period of a little more than three months, from June to October, 1918.

The Children's Bureau, United States Department of Labor, cooperated on request in this study, and assigned thereto an experienced field investigator who rendered valuable assistance in assembling sociological data.

The investigation was undertaken with the object of, first, determining among these sexual delinquents the presence of physical diseases and the prevalence of mental deficiency and psychopathic disorders; and, second, of studying the early, so-called normal, period of their lives with special reference to traits of personality which later resulted in antisocial conduct.

Obviously, recognition at an early age period of mental reactions that may be significant of later social maladaptation is of the utmost importance. For such reactions not only give warning of potential antisocial conduct, but also point to the immediate necessity of methods of training in order to counteract this tendency.

Regulations of the Kansas State Board of Health, based on State law, governing the control of infectious and contagious diseases, require the reporting of cases of venereal diseases and empower the board or city or county health officers representing the State Board of Health to quarantine persons infected with such diseases.¹ In the case of infected women, the place of quarantine may be either their home, under certain restrictions, or the State industrial farm.

The State industrial farm was established to care for women convicted of crime against the State of Kansas. It was created by

¹ Bulletin of Kansas State Board of Health, vol. 14, No. 3, March, 1918. Session Laws of Kansas, 1917, ch. 206.

legislative enactment in 1917, and was formally opened for the reception of prisoners on August 1 of that year, when female prisoners, who were formerly under the jurisdiction of the State penitentiary, were transferred to the industrial farm.

Although the industrial farm is located on the property of the State penitentiary, it is a separate and distinct institution, and like the other State institutions of Kansas is under the management of a State board of control. Parole and discharge of inmates convicted of crime are under the jurisdiction of the State board of control. Parole and discharge of those quarantined because of disease, however, are under the control of the health officer ordering such quarantine.

The treatment of venereal diseases in this institution was at the time of these investigations under the direction of an officer of the United States Public Health Service, who was also in charge of public health administration in the civil sanitary district surrounding Fort Leavenworth. Medical attention in all other forms of sickness was under the direction of the resident physician.

Information about each of the persons studied was obtained from official records, personal interview, interviews with the heads and employees of the institution and, in the case of those under 21 years of age, from a sociological investigation by a representative of the Children's Bureau, U.S. Department of Labor. The sociological data were obtained by personal visits to homes, interviews with members of the family and friends, examination of court records, interviews with police and other public officials, and an examination of the records of private and public social agencies.

Inmates of the Kansas State Industrial Farm comprise two classes of individuals: First, those quarantined because of a venereal disease, and second, those convicted of crimes against the State. Of this second group, only those were included in this study who were found infected or who had been promiscuous in their sexual relations. Evidence of such promiscuity was obtained from official records and from the confessions of individuals. The majority of the inmates of the farm had been taken from districts about the military reservations within the State. The group studied consisted of either former inmates of bawdyhouses, or of streetwalkers or prostitutes of a more or less surreptitious type, and are believed to be representative of that portion of the female population most liable to disseminate venereal diseases. This group numbered 206 in all. They ranged in age from 14 to 50 years. For convenience in this and the following parts they are frequently distinguished as follows: "Women," those over 21 years; and "girls," those under 21 years of age. Fifty-nine of these persons were Negroes; the remaining 147 were white.¹

¹ Fuller data regarding this group will be found in the sociological study, Part III.

1. Physical Examination of Delinquent Women and Girls.

Each of the 206 women and girls included in this study was given a physical examination. The examination consisted of measurements of height and weight, observance of the state of nutrition, the presence, or otherwise, of skin eruptions, scars, deformities, edema, glandular enlargements, and stigmata of degeneration. The condition of the digestive, circulatory, respiratory, and nervous systems was noted, with special reference to mucus membranes, blood pressure, pulmonary tuberculosis, the joints, and the presence or absence of symptoms of paralysis. Clinical diagnosis of the venereal diseases was in all instances confirmed by microscopic and serological tests.

The results of the physical examination, beyond determining the incidence of venereal-disease infection, have but slight relation to the conclusions arrived at in this study. As a matter of general interest, however, a brief outline of the physical findings is given.

NUTRITION.

It is realized that the nutrition of an individual may vary widely from an arbitrary standard without indicating abnormal conditions, and that between emaciation on the one hand and obesity on the other there is a great latitude in the conception of a "medium state of nutrition." According to Von Noorden, an individual should be considered stout when he weighs from 11 to 33 pounds above the average weight for his height, slightly obese if 33 to 55 pounds above the average, and extremely obese if more than 55 pounds above the average for his height.

According to Butler the average ratios of height to weight are as follows:

TABLE I.—Standards of height and weight (Butler).

Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
60	115	68	155
61	120	69	160
62	125	70	165
63	130	71	170
64	135	72	175
65	140	73	180
66	145	74	185
67	150	75	-----

According to the Nylic graphic tables of height and weight the "medium state of nutrition" may vary from 9 pounds below to 9 pounds above the average weight for the corresponding height.

According to these tables an individual weighing 14 pounds less than the average of Butler is still in a "state of medium nutrition;" if from 14 to 33 pounds less he is under weight; and if more than 33

pounds less he is emaciated. On this basis the nutrition of the white and colored cases is given in the following table:

TABLE II.—*Relative state of nutrition of white and colored cases.*

	White.	Colored.
	<i>Per cent.</i>	<i>Per cent.</i>
Emaciated (33 or more pounds below average weight).....	0.07	2
Underweight (14 to 33 pounds below average weight).....	22.9	12
Medium nutrition (11 pounds above to 14 below average weight).....	52.0	47
Stout (11 to 33 pounds above average weight).....	12.9	18
Slightly obese (33 to 55 pounds above average weight).....	12.9	18
Extremely obese (55 or more pounds above average weight).....	1.0	3

CUTANEOUS.

Of the 147 white women, 4 had acne vulgaris, 2 syphilitic eruptions, and 5 were anemic. Of these latter, 2 gave a 4 plus Wasserman reaction, 1 presented the physical signs of pulmonary tuberculosis, 1 had an anal fistula, and 1 had gonorrhea. Of the 59 colored women, 2 had acne vulgaris and 1 had a syphilitic eruption.

Significant scars were observed in the cases of 4 white women. In 1, syphilitic scars were present over the tibial crest, and 3 had numerous scars over the arms and forearms, the result of the hypodermatic use of morphine and cocaine.

DEFORMITIES.

Two white women had functional lateral curvature of the spine, 1 a deformity of the wrist due to traumatism, and 1 the loss of distal phalanx of the index finger. Seven white women had a decided general syphilitic lymphatic enlargement; 8 showed enlarged cervical glands; 7 simple enlargement of the thyroid; and 1 an enlarged thyroid with exophthalmos without other signs of Graves's disease.

Of the colored women, 8 presented a decided general syphilitic lymphatic enlargement; 9 had enlarged cervical lymph nodes. Scars were present in 1 white and 1 colored woman, due to former suppuration of cervical lymph nodes.

The occurrence of stigmata of degeneration was noted. Among these stigmata were such deformities as malposition of the pinna, facial asymmetry, low and receding forehead, unduly high or low vaulted palate, marked malocclusion, deformities of the hands and feet, arms and legs, or abnormal distribution of the hair.

Of the total white cases observed, 60, or 41 per cent, had 2 or more stigmata of degeneration; 23, or 38.9 per cent, of the colored cases had 2 or more stigmata. For the whole group, 2 or more stigmata occurred in 83 persons, or practically 40 per cent of the group. Only cases with 2 or more stigmata of degeneration were recorded.

TABLE III.—*Stigmata of degeneracy in 147 white and 59 colored cases.*

	Number of stigmata.						Total showing 2 or more stigmata.
	2	3	4	5	6	7 or more.	
White.....	24	17	11	5	2	1	60
Colored.....	4	8	10	.....	1	.....	23

CONDITIONS OF THE TEETH AND TONSILS.

Dental use of toothbrush.—Of the 147 white observed, 57 used the toothbrush daily, 58 occasionally, and 32 never used it. Of the 59 colored cases, 10 used the toothbrush daily, 24 occasionally, and 25 never used it.

Defective teeth.—Of the 57 white persons who used the toothbrush daily, 26, or 45 per cent, had defective teeth, and 8, or 14 per cent, had pyorrhea. Of the 58 who used the toothbrush occasionally, 37, or 63 per cent, had defective teeth, and 9, or 15 per cent, had pyorrhea. Of the 32 who never used the toothbrush, 27, or 84 per cent, had defective teeth, and 11, or 34 per cent, had pyorrhea.

Of the 10 colored persons who used the tooth brush daily, 6, or 60 per cent, had defective teeth, and none had pyorrhea. Of the 24 who used the toothbrush occasionally, 16, or 66 per cent, had defective teeth, and 4, or 16 per cent, had pyorrhea. Of the 25 who never used it, 15, or 60 per cent, had defective teeth, and 5, or 20 per cent, had pyorrhea.

The number of defective teeth found among the group examined is shown in the following table:

TABLE IV.—*Dental conditions.*

	Number of defective teeth.									Total defective.	Pyorrhea.
	1	2	3	4	5	6	7	8	9 or more.		
White.....	32	17	7	10	10	2	4	.....	8	90	28
Colored.....	10	15	4	1	4	.....	.....	.....	3	37	9

The incidence of defective teeth was rather high for the group examined, but occurred in about equal proportions in both races. For example: Of the total cases examined, 90, or 61.2 per cent, of the white and 37, or 62.7 per cent, of the colored had defective teeth. The incidence of pyorrhea was higher among the white than among the colored race, being 20 per cent in the former and 15.2 per cent in the latter. Of the whole group, 127, or 61 per cent had defective teeth, and 37, or 18 per cent, had pyorrhea.

Missing teeth.—Of the total cases examined, 63, or 43 per cent, of the white cases, and 28, or 47 per cent, of the colored had no missing teeth. The condition in this respect for the women of both races is shown in the following table:

TABLE V.—*Number of missing teeth.*

	Number of teeth missing.										Total.
	None.	1	2	3	4	5	6	7	8	9 or more.	
White.....	63	18	22	13	8	5	3	2	1	10	82
Colored.....	28	10	8	2	1	4	1	.....	3	1	30

✓ This record omits one colored case, which was not determined. Of the total cases examined, 55 per cent of the white and 51 per cent of the colored had one or more defective teeth, and of the whole group, 54.6 per cent required dental care.

Dental corrections.—The dental corrections among the group studied is shown in the following table:

TABLE VI.—*Dental corrections.*

	Number of fillings.										Crowns.					Bridges, total.	Plates.	
	1	2	3	4	5	6	7	8	9+	Total.	1	2	3	4	Total.		Upper.	Lower.
White.....	12	9	7	9	2	5	1	1	3	49	13	8	2	1	24	7	1	10
Colored.....	.....	1	1	1	.....	.....	.....	.....	.....	3	5	3	.....	.....	8	3	.....	.....

It will be observed from Table VI that 91, or 62 per cent, of the white, and 14, or 24 per cent, of the colored cases had some form of dental correction. Of the total cases examined, 51.2 per cent had dental corrections. Since the incidence of dental caries is about equal in both races, the above figures indicate that the white women consulted a dentist more frequently than the colored. Moreover, the table also suggests that the teeth in the colored race are less subject to decay and are, perhaps, more permanent than in the case of the white.

Tonsils.—Of the total white cases examined, 26, or 18 per cent, had slightly enlarged tonsils, 26, or 18 per cent, had enlarged and diseased tonsils, and 1, or 0.7 per cent, embedded and diseased tonsils. The conditions of last two groups require surgical treatment. The tonsils had been removed in 5, or 0.3 per cent, of the white cases examined. Of the total colored cases examined, 18, or 31 per cent, had slightly enlarged tonsils, and 7, or 12 per cent, had enlarged and diseased tonsils requiring surgical treatment. The total cases requiring surgical treatment of the tonsils constituted 16.5 per cent of the cases examined.

CONDITIONS OF THE CIRCULATORY SYSTEM.

Diseases of the heart.—Disorders and defects of the heart and associated conditions were found in the case of 14 women, 7 of each race. Specific details are set forth in the following table:

TABLE VII.—*Diseases of the heart and associated conditions.*

147 WHITE CASES.

Diseases of the heart.	Number of cases.	Associated condition.
Organic:		
Mitral disease.....	1	Embedded and diseased tonsils.
Do.....	1	Pyorrhea and pus tubes.
Do.....	1	Enlarged and diseased tonsils and adenoids.
Do.....	1	4 plus Wassermann.
Do.....	1	Rheumatism 3 years prior to admission.
Functional:		
Hemic murmur.....	1	Pale and anemic. 1 plus Wassermann.
Do.....	1	Pale and anemic. 4 plus Wassermann.
Total.....	7	

59 COLORED CASES.

Organic:		
Myocarditis, double cardiac murmur and uncompensated heart action.....	1	4 plus Wassermann. Morphinism.
Mitral disease.....	1	4 plus Wassermann and arteriosclerosis.
Do.....	1	Pyorrhea.
Do.....	1	History of rheumatism fistula in ano.
Do.....	1	4 plus Wassermann.
Mitral disease and cardiac.....	1	4 plus Wassermann. Arteriosclerosis.
Hypertrophy.....	1	
Total.....	7	

One of the striking features of the study is the fact that no case of aortic valvular disease of the heart was observed. This is especially interesting in view of the results of the Wassermann tests.

Wassermann tests.—The results of the Wassermann tests are set forth in the following table.

TABLE VIII.—*Results of the Wassermann tests.*

	4 plus.	3 plus.	2 plus.	1 plus.	Negative.	Not determined.	Total.
White.....	46	17	8	7	63	6	147
Colored.....	19	6	1	4	26	3	59

As recorded in Table VIII, 46, or 31.2 per cent, of the white women and 19, or 32 per cent, of the colored women gave a 4 plus reaction and may therefore be classified as undoubtedly syphilitic. Further, in view of the mode of life followed by women of this group, it seems necessary to include also those giving a 3 plus reaction as definitely syphilitic. In other words, 63 white women and 25 colored women,

a total of 88, or 42.7 per cent, were diagnosed as infected with syphilis.¹ Negative Wassermann reactions were obtained in 63, or 42.8 per cent, of the white cases and in 26, or 44 per cent, of the colored. Total negative reactions, 89, or 43.2 per cent.

Arteriosclerosis.—In view of the fact that approximately two-fifths of these women had active syphilis, the existence of arteriosclerosis in a considerable degree might be expected under ordinary conditions. As a matter of fact, however, this condition was observed in but 2 colored women and in 3 white. In both cases of the former it was associated with a pronounced cardiac lesion. One of the 3 white women was a morphine addict, and 2 gave a 4 plus Wassermann reaction.

CONDITIONS OF THE RESPIRATORY SYSTEM.

Expansion.—The average chest expansion was 2.5 inches for the white and 2.27 for the colored women. Four white women had a chest expansion of but 1.5 inches. One of them had idiopathic asthma, 1 an enlarged thyroid with exophthalmos (the so-called Bryson sign), 1 had pyorrhea, and 1 apparently was otherwise physically normal. The chest expansion of 34 cases was 2 inches. One of these had the physical signs of tuberculosis of the lung. Three colored women had only 1.5 inches chest expansion. Of these, 1 had an organic heart lesion with pyorrhea, 1 had an uncomplicated heart lesion, and 1 had syphilis and diseased tonsils.

Nasal defects.—Of the white cases examined, 5 had post-nasal adenoids, 1 had a markedly deflected nasal septum, and 1 a "saddle" nose with perforated septum. The latter case gave a negative Wassermann reaction. One colored case had post-nasal adenoids.

Tuberculosis.—The physical signs of tuberculosis were present in 2 white women. Because of poor cooperation, specimens of sputum could not be obtained for microscopic examination. Consequently these cases were classed as indefinite tuberculosis.

CONDITIONS OF THE NERVOUS SYSTEM.

Vision.—The following visual defects were observed in white women: Refractive errors, 22; internal strabismus, 2; syphilitic retinochoroiditis, 2; blindness in one eye, 2; double cataract, 1; acute conjunctivitis, 2. Two women wore glasses for the esthetic effect only.

Of the colored women, 13 had errors of refraction; one was blind in one eye; one had syphilitic iritis; and one had a double cataract.

There was need of glasses in 12.9 per cent of the white women and in 20 per cent of the colored. Fully 37, or 17.9 per cent, of the

¹ See p. 1205 for statistics of gonorrhea.

entire group required special attention on account of visual disturbances.

Hearing.—Among the white cases, 8 had defective hearing, due in 5 cases to impacted cerumen; in 1 case to otitis media with mastoid abscess; in 1 to acute catarrhal otitis media; and in 1 to subacute otitis media. One colored woman had an old perforation of the eardrum, with defective hearing.

Other nervous conditions.—Of the white women, 1 had double congenital ptosis, 1 athetoid movements, 1 chorea, 3 an idiopathic tremor, 1 a congenital speech defect, 1 syringomyelia, and 1 hemiplegia. The latter was a case of focal paresis. Facial tic was observed in 1 colored woman.

CONDITIONS OF THE GENITO-URINARY SYSTEM.

Gonorrhea.¹—Gonorrhea was present in 93.6 per cent of all the women studied. The diagnosis of gonorrhea was confirmed by microscopical examination in each recorded case. Cases were considered doubtful when the organisms present were suggestive, but not morphologically characteristic, of gonococci.

TABLE IX.—*Diagnoses of gonorrhea.*

Race.	Positive.	Doubtful.	Negative.	Not diagnosed.
White.....	140 (95 per cent)	4	.....	3
Colored.....	53 (90 per cent)	1	2	3

Vaginal mucous patches were observed in 1 white case, venereal warts in 1, procidentia in 1, and pus tubes in 8 cases. Only 1 colored woman had an infectious venereal sore.

Abortions and miscarriages.—A history of 1 abortion or miscarriage was obtained in 24 white and 13 colored cases, and of 2 or more abortions or miscarriages in 4 white cases, and 1 colored case. In addition to these, 1 colored woman gave a history of having had 2 stillbirths.

Surgical operations.—The histories of surgical operations referable to the genito-urinary system showed the following: Curretage of uterus, white, 7, colored, 4; laparotomies for the removal of pus tubes, white, 7, colored, 1. Thirteen white and 2 colored women were pregnant. Two white women had each given birth to a child while in the institution.

2. Mental Examination of Delinquent Women and Girls.

The mental examination of the inmates of the Kansas Industrial Farm for Women consisted first of a study of the family and personal history of each case, special attention being paid to histories

¹ For cases of syphilis see p. 1203.

of attacks of unconsciousness and convulsive seizures. Further, the appearance and conduct of each woman and girl was observed while under examination and during her period of detention in the institution; and an attempt was made to estimate their emotional stability by reviewing their conduct before admission to the institution and comparing it with that since commitment. Investigation was made also as to the presence or absence of illusions, hallucinations, or delusional trends. Each person was tested carefully for memory of recent and remote events as well as for retentive power and grasp of general and school knowledge. The intellectual level was finally determined by the Goddard revision of the Binet-Simon scale for measuring intelligence.

The results of gradings by this scale are shown in the following tables. The tables classifying white and colored compare chronological age with mental age and give totals and percentages in each age group, mental and chronological. In compiling these tables each individual was considered as of a chronological age at the time of examination, without regarding the nearness or remoteness of her next birthday. The mental age of each individual was considered to be that of the year most nearly approached by her mental grading. For example, if grading 10.2 years mentally, she was classed as 10 years old; if grading 10.6 years mentally, she was classed as 11 years old. All women responding correctly to all the questions in the Binet scale were graded as 12 plus years.

The tables show that colored women of the group reached a lower grade than did the white women; that is, 22.4 per cent of the white women and 32.7 per cent of the colored women graded 10 years or less, mentally. The average mental age for white women was 11.3 years, for colored women was 10.8 years.

TABLE X.—*Mental age of 147 white cases.*

Chronological age.	Mental age.						Total.
	8	9	10	11	12	12+	
15.....			1	1	2		4
16.....				1	2	2	5
17.....		1	2	5	3	3	14
18.....			2	8	6	2	18
19.....			1	6	1	6	14
20.....		2	1	3	6	2	14
21-30.....	4	4	9	10	16	20	63
31-40.....	1	1	2	2	3	1	10
41-50.....	1		1	2		1	5
Total.....	6	8	19	38	30	37	147
Per cent.....	4.1	5.4	12.9	25.9	20.5	25	100

TABLE XI.—*Mental age of 53 colored cases.*

Chronological age.	Mental age.							Total.
	7	8	9	10	11	12	12+	
14.....					1			1
15.....				1		1		2
16.....				6	1	0		1
17.....				1	0	1		2
18.....				1	1	0		2
19.....				0	3	2	2	4
20.....	1	0	0	0	1	1	1	5
21-30.....	0	3	1	4	3	7	10	28
31-40.....	0	0	1	4	1	2	1	9
41-50.....	1	0	1	0	0	0	0	2
Total.....	2	3	3	11	11	14	14	58
Per cent.....	3.4	5.2	5.2	1.90	1.90	24.1	24.1	100

¹ One case, not accurately graded, was not included in the above table.

MENTAL DISORDERS.

During the course of the mental examinations certain individuals were observed to have mental disorders that interfered with their adjustment to social standards, and ultimately brought them within the purview of the criminal or sanitary code. Such disorders were feeble-mindedness, feeble-minded epilepsy, idiopathic epilepsy, indefinite epilepsy, and constitutional psychopathic inferiority.

Other mental disorders were noted that were caused by alteration in the structure of the brain or were due to intoxications. These included general paralysis of the insane and toxic disorders due to the use of morphine. A few cases of mental disorder were placed in an unclassified group,¹ because the histories were too meager or the differential diagnosis was not plain.

All individuals grading below normal by the Binet-Simon scale were carefully investigated as to their educational opportunities, their grasp of school and general knowledge, and their power to use, as well as method of using, intelligence in relation to both earning capacity and social adjustments. Only the women whose grasp of knowledge was not in accord with their opportunities were classed as feeble-minded. According to purely statistical standards a number

¹ In the unclassified group an indefinite psychoneurosis was observed in a white woman 28 years old who had been a clandestine prostitute for years. She was committed because of syphilis. Consent to spinal puncture could not be obtained. The relation of the psychoneurosis to syphilis was therefore undetermined.

Another case, 46 years of age, had used morphine for a number of years, during which time she led a life of prostitution. It was not clearly determined whether her mental condition was an inherent defect or an acquired one.

Two other white cases of this group resembled dementia precox, but this disorder was not clearly defined.

The two colored cases with psychic disturbances gave a history of long continued use of morphine. In one an acute delirium developed after admission to the institution. She had been quarantined because of syphilis. The other was committed for morphinism and had had an acute delirium while in a county jail. She had been a prostitute for years and was infected with syphilis.

of the cases not classed as feeble-minded in this study would have been so grouped. It must be realized, however, that in the diagnosis of mental deficiency the whole personality must be taken into account and that too great reliance can not be placed upon the results of formal psychological tests, unsupported by other data. Feeble-minded epileptics were so classed because epilepsy was found associated with enfeebled mental development. Epileptics were so classified only when epileptic convulsions were known to have occurred. The indefinite epileptics comprised a group of cases that gave histories of attacks of unconsciousness and whose temperament corresponded to that found in epilepsy. The women classed as constitutionally psychopathic inferiors showed well-defined psychopathic traits of character, although they were not insane in the legal interpretation of the word.

Of the entire group of 206 women, 114 were found affected with the mental disorders just enumerated; 92 were mentally normal—that is, without apparent mental disease. In only 5 cases was such mental deviation not found directly related to the practice of prostitution. In other words, 109 of these women—76 white, 33 colored—had a mental disorder preventing proper social adjustment and directly accountable for their life of prostitution. The incidence of mental disorders among the group studied is indicated in the following table:

TABLE XII.—*Incidence of mental disorders.*

	White.		Colored.		Per cent of entire group (206).
	Number.	Per cent.	Number.	Per cent.	
Total	79	53.7	35	59.3	55.3
Feeble-minded.....	37	25.1	21	35.3	28.2
Feeble-minded epileptic.....	4	2.7	1	1.7	2.4
Essential epilepsy.....	1	0.6	2	3.4	1.4
Indefinite epilepsy.....	5	3.4	0	0.0	2.4
Constitutional psychopathic inferiority.....	26	17.7	9	15.5	17.0
Organic psychoses (syphilitic).....	1	0.6	0	0.0	0.5
Toxic psychoses (morphinism).....	0	0.0	2	3.4	0.9
Unclassified.....	5	3.4	0	0.0	2.4

It is of further importance to emphasize the age and race incidence of these mental disorders. In both races the largest number of defects were found in women who were between 20 and 30 years of age. A slightly higher rate prevailed among white girls of 17 to 20 years than among colored girls of the same age.

TABLE XIII.—*Age-incidence of cases with mental disorders.*

79 WHITE CASES.

Chrono-logical age.	Feeble-minded.	Feeble-minded epileptic.	Essential epilepsy.	Indefinite epilepsy.	Constitutional inferiority.	Organic psychoses.	Toxic psychoses.	Unclassified.	Total.
15.....	1	1	0	0	1	0	0	0	3
16.....	0	0	0	2	2	0	0	0	4
17.....	3	0	0	0	4	0	0	1	8
18.....	5	0	0	0	4	0	0	0	9
19.....	3	0	0	0	2	0	0	0	5
20.....	2	0	0	1	4	0	0	1	8
21-30.....	17	3	1	2	8	0	0	2	33
31-40.....	4	0	0	0	1	0	0	0	5
41.....	2	0	0	0	0	1	0	1	4
Total..	37	4	1	5	26	1	0	5	79

34 COLORED CASES.

14.....	0	0	0	0	1	0	0	0	1
15.....	1	0	0	0	1	0	0	0	2
16.....	0	0	0	0	1	0	0	0	1
17.....	1	0	0	0	0	0	0	0	1
18.....	1	0	0	0	0	0	0	0	1
19.....	1	0	1	0	1	0	0	0	3
20.....	2	0	1	0	0	0	0	0	3
21-30.....	7	1	0	0	4	0	1	0	13
31-40.....	5	0	0	0	1	0	1	0	7
41.....	2	0	0	0	0	0	0	0	2
Total..	20	1	2	0	9	0	2	0	34

The relative infrequency among prostitutes of mental disorders due to syphilis has been the subject of considerable speculation.¹ Some authorities claim that syphilis is less likely to attack the central nervous system of prostitutes because of the high incidences of degenerative mental disorders already existing among these persons. They consider prostitutes the counterpart of vagabondage and tramp life among men. It is probable that the age of the group studied accounts for the low incidence of syphilitic nervous diseases, especially paresis, among them. Among the whole group, 15, or 10 per cent, of the white and 11, or 18.8 per cent, of the colored were 30 or more years of age. At or below that age paresis is less likely to occur.

Recapitulation.

The findings of physical and mental examinations may be briefly summarized. The prostitutes of this group were usually well nourished. Tuberculosis was uncommon; diseases of the skin were infre-

¹ One case of syphilitic brain disease was observed in a woman 43 years of age who had been a public prostitute for more than 20 years. Little is known of her early life except that she had been an inmate of a correctional institution. She was always craving excitement and drank a good deal. At one time she had accumulated a good deal of money, and had considerable influence in certain political circles and in the underworld. For a year or more prior to her commitment she squandered her money, lost what influence she had had in the community, and practiced sexual perversions. She was committed on a charge of maintaining a house of ill fame. In this case the mental disorder was the result of syphilis contracted in the course of her life as a prostitute.

quently observed, but the absence of the latter is no criterion of the absence or presence of syphilis.

The group examined showed no appreciation of the principles of personal hygiene. The neglect of the teeth and indifference to dental service, impacted earwax, the neglect of tonsils and eyes, all such findings indicate the need for medical inspection even from the very earliest grades of schools, together with an improved system of making principles of personal hygiene vivid to the individual child and a routine which shall result in fixed habit.

Syphilis was found of frequent occurrence; yet, notwithstanding, syphilitic heart diseases and other involvements of circulatory and nervous systems and mental diseases due to syphilis were not common. To some extent this fact is explainable on the grounds of the relative youth of the women examined. Gonorrhea was found in 93.6 per cent of these delinquent women. The presence of venereal diseases in this group was directly related to a long series of antisocial actions, themselves growing out of abnormal living conditions.

The intellectual level was low and varied among the group studied. This difference in mental attainment indicates the importance of individual attention in any school for special training.

(Part II of these studies, A Study of Physical and Mental Conditions of 100 Delinquent White Women in Louisville, Ky., will appear in the next issue of Public Health Reports.)

ABEYANT HOSPITALS FOR EMERGENT EPIDEMICS.

By R. L. DESAUSSEURE, Commissioner of Health, Rome, Ga.

The Need of a Knockdown Hospital.

Pandemics of influenza in the last two years have brought about unusual conditions throughout the country. In every little hamlet it has become necessary to speedily extemporize emergency hospitals, and in larger centers provision has been necessary to take care of the overflow from the hospitals already established. These temporary hospitals have been installed in the halls of fraternal organizations, in vacant dwellings, in office lofts, or in any suitable place available. This helter-skelter method of organizing a hospital results in confusion, waste, general dissatisfaction, and low-grade efficiency. Experience with hastily constructed hospitals of this sort in Maine, Pennsylvania, and Georgia has convinced me of the need of some system in communities presided over by a health officer for rapid and effective realization of temporary hospitals when the need for such arises. And this need is not infrequent. Pandemics such as those that we have recently passed through, fires, floods, and sudden disaster, all

call for the over-taxing of the normal hospital capacity of a town or for the immediate existence of a hospital where there has been none before.

Structure of a Knockdown Hospital.

The plan for providing a knockdown hospital is simple enough: In one place the board of health might have beds stored for the hospital; at some other point linen would be available; somewhere else equipment would be locked up ready for use; and the use of a building or a portion of a building, perhaps a hall used by some fraternal society, should be provided for, the place inspected, and plans arranged for speedy conversion into a hospital when the need should arise. *It would be better if the beds, linen, and equipment could be stored in this building.

A roster of nurses in his district, with notes as to their probable availability in time of epidemic, their addresses and telephone numbers, should be in the hands of the health officer. This should include not only the active practicing nurses, but all of those who have at any time acquired the diploma of a trained nurse, even though they have long since given up the active practice of their profession and settled down to domestic life. The physicians in the district should be catalogued and their attitude to such a plan determined, in order that waste motion in securing the staff of this hospital may be cut to a minimum. Personal antipathies should be recorded as well as professional talents, in order that there may be no two inharmonious elements connected with the hospital in so far as such a Utopian scheme is practicable.

Arrangement should be perfected for the securing of supplies, food, and equipment; and telephones, lights, water, and gas extensions should be provided for in advance in case the building selected is not equipped with these public-service utilities. Arrangement for feeding the patients should be made either by contract with a near by restaurant to supply the necessary food or by arranging a diet kitchen in the hospital.

Assembling of a Knockdown Hospital.

With all of these preparations made in advance, the health officer would not have hanging over his head at all times the fear of a general epidemic. At the first blast from the storm the building could be commandeered, the equipment moved in, the personnel called to quarters, and in six hours there would be a hospital running economically with little or no confusion, "*animis opibusque parati*"—a consummation which at the present time takes about six days, accompanied by extravagance, waste motion, and inevitable friction.

ILLINOIS STATE DENTAL SOCIETY COOPERATING IN VENEREAL-DISEASE CONTROL MEASURES.

The following resolution was adopted by the Illinois State Dental Society at its fifty-sixth annual meeting in Chicago, March 22-25, 1920:

Whereas, It has been the accepted policy of the Illinois State Dental Society to cooperate with and support the Federal Government in its every department in all measures undertaken for the advancement of the public health and welfare of the Nation; and

Whereas, The United States Public Health Service has supplied to this convention a most unusual showing of social hygiene films, and a most comprehensive exhibit of slides, charts, and literature in demonstration and explanation of the propaganda; and

Whereas, The United States Public Health Service, following its usual policy of cooperation with the various State boards of health, is about to launch its campaign from Washington with the 45,000 dentists of the country to secure the cooperation of each individual dentist, through an agreement card to be sent to him for his signature; and

Whereas, Under medical measures the campaign already carried on by the Public Health Service, and since their transfer to the various State boards of health for completion with advertising media, druggists, physicians, medical and allied colleges have resulted in the cooperation, through signing and returning of agreement cards, of over 99 per cent of the 20,000 advertising media, of more than 60 per cent of the 48,500 druggists, of more than 50 per cent of the 132,000 physicians and approximately all the medical and allied colleges of the country; and

Whereas, Conventions of advertising media, druggists, and physicians have unequivocally indorsed this propaganda of the Public Health Service; therefore, be it

Resolved, That the fifty-sixth annual convention of the Illinois State Dental Society, following the course already pursued by the advertising media, druggists, physicians, and the medical and allied colleges of the United States, hereby approves and indorses propaganda for the control of the venereal diseases undertaken by the United States Public Health Service, and hereby gives assurance that it will use its best endeavors not only to secure the interest and the cooperation of every member of the dental profession, but it will also use its best endeavors to assist in the general plan outlined by the Public Health Service for the education of the civilian population in this vital subject.

The Public Health Service is unable to supply the demand for bound copies of the Public Health Reports. Librarians and others receiving the Public Health Reports regularly should preserve them, as it will probably not be practicable to furnish bound copies on individual requests in the future.

DEATHS DURING WEEK ENDED MAY 8, 1920.

[From the "Weekly Health Index," May 11, 1920, issued by the Bureau of the Census, Department of Commerce.]

Deaths from all causes in certain large cities of the United States during the week ended May 8, 1920, infant-mortality (per cent), annual death rates, and comparison with corresponding week of preceding years.

City.	Population July 1, 1918, esti- mated.	Week ended May 8, 1920.		Average annual death rate per 1,000. ²	Per cent of deaths under 1 year.	
		Total deaths.	Death rate. ¹		Week ended May 8, 1920.	Previous year or years. ³
Akron, Ohio.....	208,435	45	11.3		31.1	
Albany, N. Y.....	113,344	38	17.5	C 20.8	18.4	C 11.1
Atlanta, Ga.....	201,732	43	11.1	C 14.5	9.3	C 10.7
Baltimore, Md.....	669,981	203	15.8	A 19.3	12.3	A 14.1
Birmingham, Ala.....	197,670	52	13.7	A 14.6	7.7	A 17.7
Boston, Mass.....	785,245	221	14.7	A 18.0	19.5	A 15.5
Buffalo, N. Y.....	473,229	150	16.5	C 17.4	18.7	C 22.2
Cambridge, Mass.....	111,432	43	20.1	A 13.5	11.6	A 17.0
Chicago, Ill.....	2,596,681	651	13.1	A 15.2	20.3	A 17.7
Cincinnati, Ohio.....	401,158	113	14.7	C 16.0	11.5	C 9.4
Cleveland, Ohio.....	810,306	199	12.8	C 13.0	17.1	C 17.8
Columbus, Ohio.....	225,296	63	14.6	C 18.3	15.9	C 16.5
Dayton, Ohio.....	153,830	21	7.1	C 19.2	19.0	C 12.5
Denver, Colo.....		80			8.8	
Detroit, Mich.....		204			25.0	
Fall River, Mass.....	128,392	31	12.6	C 17.1	25.8	C 35.7
Grand Rapids, Mich.....	135,450	55	21.2	C 13.1	23.6	C 20.6
Indianapolis, Ind.....	290,389	111	19.9	C 17.8	17.1	C 9.1
Jersey City, N. J.....	318,770	89	14.6	C 17.0	16.9	C 16.3
Kansas City, Mo.....	313,785	90	15.0	C 15.6	11.1	C 6.4
Los Angeles, Calif.....	568,495	151	13.9	A 12.6	10.6	A 10.1
Louisville, Ky.....	234,891	45	10.0	C 15.9	11.1	C 10.8
Lowell, Mass.....	109,081	28	13.4	A 17.4	17.9	A 18.9
Memphis, Tenn.....	162,351	70	22.5	C 21.9	5.7	C 4.6
Milwaukee, Wis.....	457,147	115	13.1	A 13.0	18.3	A 21.6
Minneapolis, Minn.....	380,498	106	14.5	C 17.5	10.4	C 17.8
Nashville, Tenn.....	118,342	35	15.4	C 19.7	11.4	C 8.9
Newark, N. J.....	415,609	106	12.3	C 15.3	20.8	C 20.6
New Haven, Conn.....	154,865	49	16.5	C 18.9	14.3	C 17.9
New Orleans, La.....	387,408	101	13.6	A 19.4	11.9	A 32.5
New York, N. Y.....	5,215,879	1,385	13.8	C 16.0	15.1	C 14.3
Oakland, Calif.....	214,206	37	9.0	A 10.0	10.8	A 9.3
Omaha, Neb.....	180,264	48	13.9	C 15.3	10.4	C 13.2
Philadelphia, Pa.....	1,761,871	520	15.4	* 16.7	16.0	* 11.9
Pittsburgh, Pa.....	688,193	173	15.3	C 20.9	10.4	C 16.0
Portland, Oreg.....		51			15.7	C 12.1
Providence, R. I.....	263,613	58	11.5	C 12.7	10.3	C 12.5
Richmond, Va.....	160,719	40	13.0	C 21.1	17.5	C 15.4
Rochester, N. Y.....	264,856	88	17.3	C 15.7	16.9	C 13.8
St. Louis, Mo.....	773,000	206	13.9	C 15.2	12.6	C 11.9
St. Paul, Minn.....	234,595	72	16.0	C 14.6	6.9	C 6.9
San Francisco, Calif.....	478,530	124	13.5	C 14.6	8.1	C 6.0
Seattle, Wash.....		66			10.6	A 11.7
Syracuse, N. Y.....	171,647	50	15.2	C 14.5	30.0	C 13.3
Toledo, Ohio.....	243,109	70	15.0	A 14.1	12.9	A 12.3
Washington, D. C.....	437,414	106	12.6	A 15.9	12.3	A 9.1

¹ Annual rates per 1,000 estimated population.

² "A" indicates data for the corresponding week of the year, 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1917.

³ 1920 enumeration, subject to revision.

⁴ Population estimated as of July 1, 1919.

⁵ Data are based on statistics of 1915, 1916, and 1917.

Summary of information received by telegraph from industrial insurance companies for week ended May 8, 1920.

Policies in force.....	43,723,332
Number of death claims.....	8,440
Death claims per 1,000 policies in force, annual rate.....	10.1

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended May 15, 1920.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

ALABAMA.		CONNECTICUT.	
	Cases.		Cases.
Chicken pox.....	5	Cerebrospinal meningitis:	
Diphtheria.....	7	Bridgeport.....	2
Malaria.....	6	New Haven.....	1
Measles.....	16	Chicken pox.....	43
Mumps.....	2	Diphtheria:	
Scarlet fever.....	13	Litchfield County—Litchfield.....	9
Smallpox:		New Haven County—New Haven.....	9
Dallas.....	5	Scattering.....	46
Jefferson County.....	14	German measles.....	5
Mobile.....	5	Lethargic encephalitis.....	2
Scattering.....	9	Measles:	
Tuberculosis (pulmonary).....	19	Fairfield County—Stamford.....	8
Typhoid fever.....	4	Hartford County—	
Whooping cough.....	14	Hartford.....	44
		Southington.....	9
		Middlesex County—Essex.....	13
		New Haven County—	
		Millford.....	11
		New Haven.....	19
		New London County—	
		Groton.....	23
		New London.....	53
		Norwich.....	32
		Scattering.....	51
		Mumps.....	23
		Pneumonia.....	8
		Scarlet fever:	
		Hartford County—	
		Hartford.....	8
		New Britain.....	8
		New Haven County—	
		New Haven.....	11
		Waterbury.....	13
		Scattering.....	29
		Trachoma.....	1
		Tuberculosis (all forms).....	46
		Typhoid fever.....	7
		Whooping cough.....	30

DELAWARE.

	Cases.
Chicken pox.....	2
Diphtheria.....	7
Influenza.....	1
Measles.....	47
Mumps.....	2
Pneumonia.....	3
Scarlet fever.....	6
Tuberculosis.....	5
Typhoid fever.....	2
Whooping cough.....	2

FLORIDA.

Diphtheria.....	1
Dysentery.....	5
Influenza.....	4
Malaria.....	20
Pneumonia.....	5
Typhoid fever.....	11

GEORGIA.

Cerebrospinal meningitis.....	4
Chicken pox.....	20
Conjunctivitis (acute infectious).....	2
Diphtheria.....	7
Dysentery (bacillary).....	6
Hookworm.....	15
Influenza.....	5
Lethargic encephalitis.....	2
Malaria.....	26
Measles.....	111
Paratyphoid fever.....	1
Pneumonia.....	11
Scarlet fever.....	4
Smallpox.....	20
Tuberculosis (all forms).....	9
Typhoid fever.....	3
Whooping cough.....	26

ILLINOIS.

Cerebrospinal meningitis:	
Chicago.....	2
Decatur.....	1
Freeport.....	1
LaGrange.....	1
Rock Island.....	1
Diphtheria:	
Chicago.....	152
Springfield.....	10
Scattering.....	39
Influenza.....	19
Lethargic encephalitis:	
Chicago.....	8
Rock Island.....	1
Vienna.....	1
Pneumonia:	
Chicago.....	228
Scattering.....	17
Scarlet fever:	
Chicago.....	218
Pontiac.....	11
Shelby County—Holland Township.....	8
Wilmette.....	8
Scattering.....	107

ILLINOIS—continued.

Smallpox:	
East Moline.....	7
Galesburg.....	11
Grundy County—Vienna Township.....	17
Hull.....	7
Rock Island.....	20
Verona.....	8
Scattering.....	56
Typhoid fever.....	15

INDIANA.

Cerebrospinal meningitis:	
Clay County.....	2
Grant County.....	1
St. Joseph County.....	2
Diphtheria.....	21
Influenza.....	5
Measles:	
Marion County.....	505
Parke County.....	45
Vigo County.....	41
Scattering.....	322
Poliomyelitis—Knox County.....	1
Scarlet fever.....	164
Smallpox:	
Madison County.....	29
Scattering.....	123

IOWA.

Chicken pox.....	7
Diphtheria.....	9
Measles:	
Council Bluffs.....	15
Davenport.....	23
Dubuque.....	22
Paullina.....	8
Winnebago County.....	7
Scattering.....	34
Mumps.....	2
Poliomyelitis—Mechanicsville.....	
Scarlet fever:	
Burlington.....	12
Clayton County.....	7
Dubuque.....	7
Scattering.....	63
Smallpox:	
Audubon County.....	12
Davenport.....	12
Dubuque.....	8
Marshalltown.....	8
Scattering.....	63
Whooping cough.....	5

KANSAS.

Diphtheria.....	15
Scarlet fever.....	41
Smallpox.....	137

LOUISIANA.

Diphtheria.....	4
Measles.....	14
Pellagra.....	3
Smallpox.....	30
Tuberculosis.....	23
Typhoid fever.....	5

MAINE.		Cases.
Chicken pox.....		14
Diphtheria.....		7
Measles:		
Biddeford.....		7
Portland.....		9
Scattering.....		9
Pneumonia.....		7
Scarlet fever.....		8
Smallpox.....		3
Tuberculosis.....		36
Typhoid fever.....		14
Whooping cough.....		24

MARYLAND. ¹		Cases.
Cerebrospinal meningitis.....		1
Chicken pox.....		38
Diphtheria.....		30
Influenza.....		25
Lethargic encephalitis.....		1
Measles.....		466
Mumps.....		23
Pellagra.....		1
Pneumonia (all forms).....		84
Scarlet fever.....		45
Septic sore throat.....		1
Smallpox.....		1
Tuberculosis.....		117
Typhoid fever.....		8
Whooping cough.....		26

MASSACHUSETTS.		Cases.
Cerebrospinal meningitis.....		3
Chicken pox.....		81
Conjunctivitis (suppurative).....		9
Diphtheria.....		105
German measles.....		23
Influenza.....		25
Measles.....		1,223
Mumps.....		201
Ophthalmia neonatorum.....		19
Pneumonia (lobar).....		94
Scarlet fever.....		297
Septic sore throat.....		2
Trachoma.....		3
Tuberculosis (all forms).....		204
Typhoid fever.....		6
Whooping cough.....		262

MINNESOTA.		Cases.
Smallpox.....		23

MISSISSIPPI.		Cases.
Diphtheria.....		7
Poliomyelitis.....		1
Scarlet fever.....		5
Smallpox.....		18
Typhoid fever.....		10

MONTANA.		Cases.
Diphtheria.....		1
Measles.....		137
Pneumonia.....		7
Scarlet fever.....		7
Smallpox.....		34

NEBRASKA.		Cases.
Chicken pox.....		8
Diphtheria.....		13
Measles:		
Lexington.....		23
Lincoln.....		93
Omaha.....		91
Saunders County.....		11
Scottsbluff.....		11
Seward.....		15
Wahoo.....		10
Walthill.....		8
Scattering.....		60
Mumps.....		7
Scarlet fever:		
Omaha.....		12
Scattering.....		17
Smallpox:		
Ceresco.....		7
Cuming County.....		13
Morrill.....		7
Omaha.....		14
Rock County.....		22
Scottsbluff.....		8
Wahoo.....		8
Scattering.....		75
Typhoid fever.....		3
Whooping cough.....		43

NEW JERSEY.		Cases.
Influenza.....		4
Pneumonia.....		158
Smallpox:		
Belleville.....		1
Bloomfield.....		2
Newark.....		1

NEW MEXICO.		Cases.
Cerebrospinal meningitis.....		3
Chicken pox.....		7
Diphtheria.....		10
German measles.....		7
Influenza.....		4
Malaria.....		3
Malta fever.....		1
Measles.....		47
Mumps.....		8
Pneumonia.....		8
Scarlet fever.....		14
Smallpox.....		1
Tuberculosis.....		15
Typhoid fever.....		3
Whooping cough.....		4

NEW YORK.		Cases.
(Exclusive of New York City.)		
Cerebrospinal meningitis:		
Amity.....		1
Falconer.....		1
Chicken pox.....		167
Diphtheria.....		318
German measles.....		13
Influenza.....		63
Measles.....		1,875
Mumps.....		252
Pneumonia.....		332

¹ Week ended Friday.

NEW YORK—continued.

	Cases.
Poliomyelitis—North Palham.....	1
Scarlet fever.....	233
Septic sore throat.....	6
Smallpox.....	4
Typhoid fever.....	28
Whooping cough.....	260

NORTH CAROLINA.

Cerebrospinal meningitis.....	3
Chicken pox.....	38
Cholera infantum.....	1
Diphtheria.....	22
Dysentery (amebic).....	1
Dysentery (bacillary).....	1
German measles.....	1
Measles.....	117
Ophthalmia neonatorum.....	1
Paratyphoid fever.....	1
Pneumonia (all forms).....	17
Scarlet fever.....	14
Septic sore throat.....	3
Smallpox.....	101
Typhoid fever.....	8
Whooping cough.....	213

OHIO.

Diphtheria—Cincinnati.....	8
Scarlet fever:	
Akron.....	42
Cincinnati.....	52
Smallpox:	
Akron.....	9
Bucyrus.....	10

SOUTH DAKOTA.

Cerebrospinal meningitis.....	1
Chicken pox.....	3
Diphtheria.....	4
Measles.....	155
Pneumonia.....	7
Scarlet fever.....	52
Smallpox.....	31
Typhoid fever.....	2
Whooping cough.....	8

TEXAS.

Cerebrospinal meningitis—Beaumont.....	1
Chicken pox.....	35
Diphtheria.....	8
Influenza—Dallas.....	9
Lethargic encephalitis—Dallas.....	1
Malaria—Dallas.....	9
Measles:	
Dallas.....	31
Scattering.....	19
Mumps.....	3
Pellagra.....	4
Pneumonia.....	8
Scarlet fever.....	2
Smallpox:	
Dallas.....	26
Polytechnic.....	7
Tyler.....	11
Three Rivers.....	10
Scattering.....	13
Trachoma.....	1
Tuberculosis.....	22

TEXAS—continued.

	Cases.
Typhoid fever:	
Galveston.....	8
Scattering.....	6
Whooping cough.....	31

VERMONT.

Chicken pox.....	16
Diphtheria.....	4
Measles.....	98
Mumps.....	61
Pneumonia.....	8
Scarlet fever.....	10
Typhoid fever.....	1
Whooping cough.....	21

VIRGINIA.

Smallpox:	
Richmond.....	2
Wise County.....	2

WASHINGTON.

Chicken pox.....	36
Diphtheria.....	24
Measles.....	613
Mumps.....	12
Pneumonia.....	3
Scarlet fever.....	41
Smallpox.....	118
Tuberculosis.....	9
Typhoid fever.....	1
Whooping cough.....	53

WEST VIRGINIA.

Diphtheria.....	9
Measles:	
Clarksburg.....	30
Fairmont.....	10
Parkersburg.....	10
Salem.....	7
Sistersville.....	10
Wehburg.....	12
Wheeling.....	100
Scattering.....	16
Scarlet fever.....	20
Smallpox.....	13
Typhoid fever.....	3

WISCONSIN.

Milwaukee:	
Cerebrospinal meningitis, present.....	
Chicken pox.....	72
Diphtheria.....	17
Measles.....	539
Poliomyelitis.....	1
Rubella.....	1
Scarlet fever.....	31
Smallpox.....	15
Tuberculosis.....	18
Typhoid fever.....	1
Whooping cough.....	73
Scattering:	
Cerebrospinal meningitis.....	1
Chicken pox.....	28
Diphtheria.....	24
Influenza.....	4
Measles.....	600
Scarlet fever.....	125
Smallpox.....	99
Tuberculosis.....	27
Typhoid fever.....	12
Whooping cough.....	49

Kentucky Report for Week Ended May 8, 1920.

Cerebrospinal meningitis:	Cases.	Measles—Continued.	Cases.
Oldham County.....	1	Scattering.....	43
Owen County.....	1	Mumps.....	2
Chicken pox.....	4	Pneumonia.....	10
Diphtheria.....	12	Scarlet fever:	
Dysentery.....	1	Kenton County.....	14
Influenza.....	22	Scattering.....	24
Malaria.....	1	Smallpox:	
Measles:		Daviess County.....	8
Bath County.....	17	Laurel County.....	11
Jefferson County.....	23	Scattering.....	33
Kenton County.....	17	Tonsillitis.....	1
Lawrence County.....	11	Tuberculosis.....	14
Lewis County.....	10	Typhoid fever.....	5
Muhlenberg County.....	13	Whooping cough.....	17
Pendleton County.....	19		

SUMMARY OF CASES REPORTED MONTHLY, BY STATES.

Tables showing, by counties, the reported cases of cerebrospinal meningitis, influenza, malaria, pellagra, poliomyelitis, smallpox, and typhoid fever are published under the names of these diseases. (See names of these and other diseases in the table of contents.)

The following monthly State reports include only those which were received during the current week. These reports appear each week as received.

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Poliomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
APRIL, 1920.										
Alabama.....	5	27	204	11	192	6	64	340	21	
Florida.....	5	39	386	74	64	5	4	35	76	
New Mexico.....	1	45	59	3	183		49	48	7	
Wisconsin.....	10	128	36		2,211		3	422	373	15

ANTHRAX.

Philadelphia, Pa.—Week Ended May 1, 1920.

During the week ended May 1, 1920, one case of anthrax was reported at Philadelphia, Pa.

CEREBROSPINAL MENINGITIS.

State Reports for April, 1920.

Place.	New cases reported.	Place.	New cases reported.
Florida:		Wisconsin:	
Brevard County.....	1	Grant County.....	1
Duval County.....		Manitowoc County.....	2
Jacksonville.....	2	Milwaukee County.....	6
Hillsboro County.....	1	Rock County.....	1
St. Johns County.....	1	Total.....	10
Total.....	5		
New Mexico:			
San Miguel County—			
East Las Vegas.....	1		

CEREBROSPINAL MENINGITIS—Continued.**City Reports for Week Ended May 1, 1920.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlantic City, N. J.	1		Manchester, N. H.		1
Baltimore, Md.	1	1	New Bedford, Mass.	1	
Bridgeport, Conn.		2	New London, Conn.		1
Cape Girardeau, Mo.		1	New York, N. Y.	5	4
Chicago, Ill.	1		Passaic, N. J.	1	1
Everett, Mass.	1		Portland, Oreg.	1	
Flint, Mich.		2	Pueblo, Colo.		1
Gardner, Mass.		1	Rochester, N. Y.		1
Independence, Mo.		1	Saginaw, Mich.		2
La Salle, Ill.	1	1	St. Louis, Mo.	1	1
Lawrence, Mass.	1		San Francisco, Calif.	1	8
Los Angeles, Calif.	1		Trenton, N. J.	1	

DIPHTHERIA.

See Telegraphic weekly reports from States, p. 1214; Monthly summaries by States, p. 1218; and Weekly reports from cities, p. 1227.

INFLUENZA.**New Mexico Report for April, 1920.**

Place.	New cases reported.	Place.	New cases reported.
New Mexico:		New Mexico—Continued.	11
Bernalillo County	4	Rio Arriba County	8
Colfax County	3	San Juan County	9
Dona Ana County	10	Santa Fe County	7
Lincoln County	1	Sierra County	
McKinley County	1	Total	59
Otero County	5		

City Reports for Week Ended May 1, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.		2	Lynn, Mass.	1	
Baltimore, Md.	15	1	Medford, Mass.		1
Berkeley, Calif.	1		Montgomery, Ala.		1
Biddeford, Me.	13		New Britain, Conn.	2	
Binghamton, N. Y.	3		New Haven, Conn.		1
Birmingham, Ala.		4	Newton, Mass.		1
Boston, Mass.	16	2	New York, N. Y.	36	13
Buffalo, N. Y.		2	Norwalk, Conn.		1
Cambridge, Mass.	6	1	Omaha, Nebr.		1
Chattanooga, Tenn.		9	Paducah, Ky.	2	
Chicago, Ill.	20	2	Paterson, N. J.	3	
Cincinnati, Ohio.	2	2	Petersburg, Va.	4	
Cleveland, Ohio	1	5	Philadelphia, Pa.	2	2
Cohoes, N. Y.	4	1	Portland, Oreg.		1
Columbus, Ohio		2	Portsmouth, Ohio		1
Cumberland, Md.	4	1	Rochester, N. Y.		1
Dallas, Tex.	5	1	Rome, Ga.	1	
Denver, Colo.		1	Sacramento, Calif.	11	
Detroit, Mich.		3	St. Louis, Mo.	4	
East St. Louis, Ill.		1	St. Paul, Minn.		1
Grand Rapids, Mich.	1		San Francisco, Calif.	1	
Great Falls, Mont.	1		Saratoga Springs, N. Y.	1	
Haverhill, Mass.	4	1	Savannah, Ga.		1
Hoboken, N. J.	1		Somerville, Mass.	2	
Independence, Mo.	1	1	Springfield, Ohio		2
Jersey City, N. J.	3		Syracuse, N. Y.		2
Kansas City, Mo.	2	2	Topeka, Kans.	1	
La Crosse, Wis.	1		Trenton, N. J.	2	
Lancaster, Ohio	1		Washington, D. C.	1	
Lexington, Ky.	1		West Springfield, Mass.	1	1
Los Angeles, Calif.	1				

LETHARGIC ENCEPHALITIS.**Florida, New Jersey, New Mexico, and Wisconsin.**

During the month of April, 1920, there were reported two cases of lethargic encephalitis in Florida, one case in New Mexico, and two cases in Wisconsin. During the week ended May 1, 1920, one case was reported at Orange, N. J.

MALARIA.**State Reports for April, 1920.**

Place.	New cases reported.	Place.	New cases reported.
Alabama:		Florida—Continued.	
Houston County.....	1	Jackson County.....	1
Lee County.....	1	Leon County.....	8
Talladega County.....	2	Levy County.....	9
Tuscaloosa County.....	7	Madison County.....	2
Total.....	11	Manatee County.....	2
Florida:		Marion County.....	2
Alachua County.....	1	Okeechobee County.....	1
Baker County.....	10	Orange County.....	1
Calhoun County.....	1	Pinellas County.....	2
Dade County—		Polk County.....	2
Miami.....	2	St. Johns County.....	1
De Soto County.....	2	Taylor County.....	2
Duval County—		Walton County.....	1
Jacksonville.....	6	Washington County.....	1
Escambia County.....	2	Total.....	74
Pensacola.....	3	New Mexico:	
Franklin County.....	2	Rio Arriba County.....	2
Gadsden County.....	6	Union County.....	1
Hillsboro County.....	2	Total.....	3
Tampa.....	1		
Holmes County.....	1		

City Reports for Week Ended May 1, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alton, Ill.....	1	.....	Hackensack, N. J.....	1	.....
Atlanta, Ga.....	1	.....	Memphis, Tenn.....	1	.....
Chattanooga, Tenn.....	1	.....	Oklahoma City, Okla.....		1
Dallas, Tex.....	7	.....	Riverside, Calif.....	1	.....

MEASLES.

See Telegraphic weekly reports from States, p. 1214; Monthly summaries by States, p. 1218; and Weekly reports from cities, p. 1227.

PELLAGRA.**Alabama and Florida Reports for April, 1920.**

Place.	New cases reported.	Place.	New cases reported.
Alabama:		Florida:	
Etowah County.....	1	Columbia County.....	1
Lee County.....	1	Duval County.....	1
Lowndes County.....	1	Hillsborough County.....	1
Monroe County.....	1	Tampa.....	1
Wilcox County.....	2	Washington County.....	1
Total.....	6	Total.....	5

PELLAGRA—Continued.

City Reports for Week Ended May 1, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.		1	Montgomery, Ala.		1
Birmingham, Ala.	1	1	New Orleans, La.	1	1
Dallas, Tex.	1		Washington, D. C.		1
Danville, Va.	3				

PNEUMONIA (ALL FORMS).

City Reports for Week Ended May 1, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Adams, Mass.	2		Fremont, Nebr.		1
Akron, Ohio.	5		Gardner, Mass.		3
Albany, N. Y.	4		Gary, Ind.		1
Alton, Ill.	1	1	Geneva, N. Y.	1	1
Ann Arbor, Mich.		2	Grand Rapids, Mich.	8	3
Ansonia, Conn.	1		Great Falls, Mont.	3	4
Ashtabula, Ohio.		1	Greenwich, Conn.	2	1
Atlanta, Ga.	1	7	Hackensack, N. J.	2	1
Atlantic City, N. J.		3	Harrison, N. J.	3	
Attleboro, Mass.		1	Hartford, Conn.	2	6
Austin, Tex.	1		Haverhill, Mass.	2	2
Baltimore, Md.	42	23	Highland Park, Mich.	5	6
Barberton, Ohio.		1	Hoboken, N. J.		4
Beaumont, Tex.		1	Holyoke, Mass.		4
Biddeford, Me.	2	3	Hot Springs, Ark.		1
Billings, Mont.	1		Huntington, W. Va.		1
Binghamton, N. Y.	5	1	Independence, Mo.	1	
Birmingham, Ala.		2	Indianapolis, Ind.		8
Bloomfield, N. J.	1		Ishpeming, Mich.	2	
Bloomington, Ill.		2	Ithaca, N. Y.		2
Boston, Mass.	28	33	Jacksonville, Ill.		2
Bridgeport, Conn.		6	Jamestown, N. Y.	4	3
Brookton, Mass.	1		Jefferson City, Mo.		1
Buffalo, N. Y.		21	Jersey City, N. J.	5	
Butte, Mont.	1	3	Kalamazoo, Mich.	9	4
Cambridge, Mass.	5	4	Kankakee, Ill.	1	1
Charleston, S. C.		3	Kansas City, Kans.	4	
Charleston, W. Va.	6		Kansas City, Mo.	18	14
Charlotte, N. C.		1	Keary, N. J.	2	1
Chelsea, Mass.		1	Keene, N. H.	2	
Chicago Heights, Ill.		1	Kewanee, Ill.	1	1
Chicago, Ill.	313	70	Lackawanna, N. Y.	1	
Cincinnati, Ohio.	7	9	Lake Charles, La.	2	2
Cleveland, Ohio.	37	22	La Salle, Ill.		1
Cohoes, N. Y.	1		Lawrence, Mass.	2	1
Colorado Springs, Colo.		3	Leominster, Mass.	1	1
Columbus, Ohio.		6	Lincoln, Nebr.		2
Concord, N. H.		2	Little Rock, Ark.	2	
Cortland, N. Y.	1		Lockport, N. Y.	2	1
Covington, Ky.		5	Long Beach, Calif.	3	2
Cranston, R. I.	1	1	Los Angeles, Calif.	19	9
Cumberland, Md.	3		Louisville, Ky.	4	4
Dallas, Tex.	8	3	Lowell, Mass.	7	10
Danville, Ill.		1	Lynchburg, Va.		1
Dayton, Ohio.	2		Lynn, Mass.	2	2
Dedham, Mass.		1	Macon, Ga.		1
Denver, Colo.		13	Malden, Mass.		1
Detroit, Mich.	44	40	Manchester, Conn.	1	
Dover, N. H.	1	1	Manchester, N. H.	3	3
Dukuth, Minn.	1	2	Marion, Ind.		1
East Chicago, Ind.	1	1	Marquette, Mich.	1	1
Easthampton, Mass.	1		Mattoon, Ill.	1	
East Orange, N. J.	4		Medford, Mass.		1
East St. Louis, Ill.		1	Memphis, Tenn.		4
Elgin, Ill.		1	Milwaukee, Wis.		7
Elizabeth, N. J.	1	4	Mishawaka, Ind.		2
El Paso, Tex.		12	Missoula, Mont.		2
Eureka, Calif.	1	1	Mobile, Ala.		1
Fall River, Mass.	3	3	Montclair, N. J.	1	
Flint, Mich.		6	Morristown, N. J.		2
Fort Wayne, Ind.		2	Mount Vernon, N. Y.	3	
Freeport, Ill.	1	1	Muncie, Ind.		1

PNEUMONIA (ALL FORMS)—Continued.

City Reports for Week Ended May 1, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Nashua, N. H.		1	Rockford, Ill.	1	4
New Bedford, Mass.	1	3	Rock Island, Ill.	2	2
New Britain, Conn.	2	1	Rospe, Ga.	1	
Newburyport, Mass.	1		Sacramento, Calif.	2	2
New Haven, Conn.		4	Saginaw, Mich.	6	3
New London, Conn.		2	St. Joseph, Mo.		3
New Orleans, La.		11	St. Paul, Minn.		6
Newton, Mass.	6	1	Salt Lake City, Utah		2
New York, N. Y.	355	188	San Diego, Calif.	2	1
Niagara Falls, N. Y.	4	2	Sandusky, Ohio.	1	
North Adams, Mass.		1	San Francisco, Calif.	11	8
Northampton, Mass.	2	1	Santa Barbara, Calif.		1
North Tonawanda, N. Y.	1		Sault Ste. Marie, Mich.	1	
Norwalk, Conn.		1	Savannah, Ga.		3
Norwich, Conn.	1	1	Schenectady, N. Y.	5	
Oak Park, Ill.	5		Sioux Falls, S. Dak.	1	
Omaha, Nebr.		6	Somerville, Mass.	3	2
Orange, N. J.	4	1	Southbridge, Mass.	1	
Paducah, Ky.	1		Spartanburg, S. C.		1
Pasadena, Calif.		1	Springfield, Ill.	3	2
Passaic, N. J.	1		Springfield, Mass.	6	1
Paterson, N. J.	5		Springfield, Ohio		3
Pawtucket, R. I.		3	Stillwater, Minn.	1	
Peoria, Ill.		3	Stockton, Calif.		2
Petersburg, Va.		2	Syracuse, N. Y.	4	7
Philadelphia, Pa.	97	70	Taunton, Mass.	1	5
Phillipsburg, N. J.	1	1	Terre Haute, Ind.		2
Piqua, Ohio.		1	Toledo, Ohio.	2	11
Plainfield, N. J.	1	1	Topeka, Kans.		4
Plymouth, Mass.		1	Trenton, N. J.	1	3
Pontiac, Mich.	4	4	Troy, N. Y.	3	3
Port Chester, N. Y.	2	1	Waco, Tex.		1
Port Horon, Mich.		1	Waltham, Mass.	2	
Portland, Me.	2	2	Washington, D. C.		7
Portland, Oreg.		7	Watertown, N. Y.	1	
Portsmouth, Ohio.		1	West Springfield, Mass.	2	2
Poughkeepsie, N. Y.	2	2	Wheeling, W. Va.	2	2
Providence, R. I.	1	12	White Plains, N. Y.	5	1
Pueblo, Colo.		4	Wichita, Kans.		5
Quincy, Ill.		1	Wilmington, Del.		4
Quincy, Mass.	1	1	Wilmington, N. C.		2
Redlands, Calif.	1	1	Winchester, Mass.		1
Reno, Nev.	1		Winston-Salem, N. C.	3	1
Richmond, Ind.	1	1	Worcester, Mass.	7	6
Richmond, Va.	3	4	Yonkers, N. Y.		2
Roanoke, Va.	2		Zanesville, Ohio.		1
Rochester, N. Y.	21	8			

POLIOMYELITIS (INFANTILE PARALYSIS).

California, Illinois, Ohio, and Wisconsin.

During April, 1920, one case of poliomyelitis was reported in Columbia County, one in Green County, and one in Rock County, Wis. During the week ended May 1, 1920, one case was reported at Chicago, Ill., one at Cincinnati, Ohio, and one at Los Angeles, Calif.

RABIES IN ANIMALS.

Baton Rouge, La., Detroit, Mich., and Kansas City, Mo.

During the week ended May 1, 1920, two cases of rabies in animals were reported at Baton Rouge, La., two were reported at Detroit, Mich., and one was reported at Kansas City, Mo.

ROCKY MOUNTAIN SPOTTED OR TICK FEVER.**Fremont County, Wyo.**

During the week ended May 15, 1920, one case of Rocky Mountain spotted or tick fever was reported in Fremont County, Wyo., and another case was reported on May 18 in the same locality.

SCARLET FEVER.

See Telegraphic weekly reports from States, p. 1214; Monthly summaries by States, p. 1218; and Weekly reports from cities, p. 1227.

SMALLPOX.**Florida and New Mexico Reports for April, 1920—Vaccination Histories.**

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
Florida:						
Calhoun County.....	1				1	
Citrus County.....	1				1	
Duval County—						
Jacksonville.....	13				1	12
Escambia County—						
Pensacola.....	4		1		3	
Hillsborough County—						
Tampa.....	2				1	1
Lafayette County.....	3				1	2
Lake County.....	1				1	
Levy County.....	3				3	
Marion County.....	1					1
Pinellas County.....	1				1	
St. Johns County.....	1				1	
Santa Rosa County.....	2				2	
Walton County.....	2				1	1
Total.....	35		1		17	17
New Mexico:						
Chaves County.....	3					3
Colfax County.....	5		1		1	3
Curry County.....	3				3	
De Baca County.....	6				6	
Eddy County.....	17			1	16	
McKinley County.....	1			1		
Mora County.....	1				1	
Otero County.....	2				2	
Quay County.....	2				2	
San Juan County.....	1					1
Santa Fe County.....	2				2	
Socorro County.....	1		1			
Torrance County.....	1				1	
Union County.....	3				3	
Total.....	48		2	2	37	7

SMALLPOX—Continued.

Alabama and Wisconsin Reports for April, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alabama:			Wisconsin—Continued.		
Baldwin County.....	6	.....	Dodge County.....	6	.....
Bibb County.....	5	.....	Door County.....	30	.....
Butler County.....	2	.....	Douglas County.....	35	.....
Cherokee County.....	1	.....	Dunn County.....	1	.....
Clark County.....	1	.....	Eau Claire County.....	3	.....
Covington County.....	12	.....	Fond du Lac County.....	14	.....
Cullman County.....	1	.....	Grant County.....	37	.....
Dallas County.....	1	.....	Iron County.....	22	.....
Escambia County.....	4	.....	Jefferson County.....	2	.....
Etowah County.....	7	.....	Kenosha County.....	5	.....
Fayette County.....	1	.....	La Crosse County.....	2	.....
Jefferson County.....	118	.....	Lafayette County.....	3	.....
Lauderdale County.....	2	.....	Langlade County.....	2	.....
Limestone County.....	53	.....	Lincoln County.....	2	.....
Marion County.....	17	.....	Manitowoc County.....	14	.....
Mobile County.....	85	.....	Marathon County.....	4	.....
Monroe County.....	1	.....	Marquette County.....	2	.....
Montgomery County.....	6	.....	Milwaukee County.....	54	.....
Pike County.....	1	.....	Monroe County.....	1	.....
Shelby County.....	3	.....	Oconto County.....	14	.....
Tuscaloosa County.....	2	.....	Outagamie County.....	13	.....
Walker County.....	3	.....	Pierce County.....	1	.....
Wilcox County.....	7	.....	Polk County.....	4	.....
Winston County.....	1	.....	Racine County.....	8	.....
Total.....	340	.....	Rock County.....	4	.....
Wisconsin:			Rusk County.....	3	.....
Ashland County.....	1	.....	Shawano County.....	4	.....
Barron County.....	2	.....	Vernon County.....	2	.....
Brown County.....	24	.....	Washington County.....	1	.....
Buffalo County.....	2	.....	Waukesha County.....	1	.....
Calumet County.....	6	.....	Waupaca County.....	12	.....
Chippewa County.....	8	.....	Winnebago County.....	6	.....
Clark County.....	1	.....	Wood County.....	11	.....
Crawford County.....	6	.....	Total.....	373	.....

City Reports for Week Ended May 1, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	8	.....	Clinton, Iowa.....	9	.....
Alameda, Calif.....	1	.....	Columbia, S. C.....	1	.....
Albany, N. Y.....	1	.....	Coshocton, Ohio.....	1	.....
Alliance, Ohio.....	1	.....	Council Bluffs, Iowa.....	2	.....
Ann Arbor, Mich.....	1	.....	Dallas, Tex.....	6	.....
Appleton, Wis.....	3	.....	Danville, Ill.....	2	.....
Ashtabula, Ohio.....	1	.....	Davenport, Iowa.....	13	.....
Atchison, Kans.....	1	.....	Dayton, Ohio.....	2	.....
Atlanta, Ga.....	13	.....	Decatur, Ill.....	3	.....
Baltimore, Md.....	9	.....	Denver, Colo.....	36	.....
Barberton, Ohio.....	2	.....	Des Moines, Iowa.....	7	.....
Battle Creek, Mich.....	2	.....	Detroit, Mich.....	61	.....
Beatrice, Nebr.....	1	.....	Dubuque, Iowa.....	27	.....
Bedford, Ind.....	11	.....	Duluth, Minn.....	4	.....
Belleville, N. J.....	4	.....	Durham, N. C.....	4	.....
Bellingham, Wash.....	2	.....	East St. Louis, Ill.....	23	.....
Berkeley, Calif.....	1	.....	Eau Claire, Wis.....	1	.....
Birmingham, Ala.....	7	.....	El Paso, Tex.....	3	1
Bloomfield, N. J.....	1	.....	Eugene, Oreg.....	1	.....
Bluefield, W. Va.....	20	.....	Everett, Wash.....	2	.....
Boise, Idaho.....	17	.....	Fond du Lac, Wis.....	1	.....
Butte, Mont.....	2	.....	Fort Scott, Kans.....	7	.....
Cairo, Ill.....	5	.....	Fort Smith, Ark.....	3	.....
Canton, Ohio.....	6	.....	Fort Wayne, Ind.....	3	.....
Cape Girardeau, Mo.....	1	.....	Forth Worth, Tex.....	12	.....
Cedar Rapids, Iowa.....	3	.....	Galesburg, Ill.....	17	.....
Charleston, S. C.....	10	.....	Gary, Ind.....	4	.....
Charleston, W. Va.....	2	.....	Grand Rapids, Mich.....	3	.....
Chattanooga, Tenn.....	3	.....	Granite City, Ill.....	1	.....
Cheyenne, Wyo.....	2	.....	Great Falls, Mont.....	1	.....
Cincinnati, Ohio.....	1	.....	Greeley, Colo.....	1	.....
Cleveland, Ohio.....	6	.....	Green Bay, Wis.....	12	.....

SMALLPOX—Continued.

City Reports for Week Ended May 1, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Highland Park, Mich.....	1	.....	Parsons, Kans.....	3	.....
Huntington, Ind.....	10	.....	Pekin, Ill.....	1	.....
Independence, Mo.....	4	.....	Philadelphia, Pa.....	3	.....
Indianapolis, Ind.....	4	.....	Piqua, Ohio.....	1	.....
Iowa City, Iowa.....	2	.....	Pontiac, Mich.....	4	.....
Ironwood, Mich.....	1	.....	Portland, Oreg.....	23	.....
Jacksonville, Ill.....	1	.....	Quincy, Ill.....	1	.....
Janesville, Wis.....	1	.....	Raleigh, N. C.....	1	.....
Joplin, Mo.....	1	.....	Redlands, Calif.....	3	.....
Kansas City, Kans.....	2	.....	Richmond, Va.....	1	.....
Kansas City, Mo.....	13	.....	Riverside, Calif.....	1	.....
Kenosha, Wis.....	4	.....	Roanoke, Va.....	5	.....
Kewanee, Ill.....	7	.....	Rock Island, Ill.....	7	.....
Knoxville, Tenn.....	3	.....	Sacramento, Calif.....	1	.....
Kokomo, Ind.....	6	.....	St. Joseph, Mo.....	23	.....
La Crosse, Wis.....	1	.....	St. Louis, Mo.....	9	.....
Lincoln, Nebr.....	12	.....	St. Paul, Minn.....	4	.....
Logansport, Ind.....	1	.....	Salt Lake City, Utah.....	40	.....
Long Beach, Calif.....	3	.....	San Diego, Calif.....	2	.....
Los Angeles, Calif.....	5	.....	Sandusky, Ohio.....	3	.....
Lynchburg, Va.....	6	.....	San Francisco, Calif.....	8	.....
Macon, Ga.....	2	.....	Santa Cruz, Calif.....	2	.....
Madison, Wis.....	1	.....	Seattle, Wash.....	24	.....
Manitowoc, Wis.....	1	.....	Sioux City, Iowa.....	8	.....
Mankato, Minn.....	2	.....	Sioux Falls, S. Dak.....	3	.....
Marion, Ind.....	1	.....	South Bend, Ind.....	6	.....
Marion, Ohio.....	9	.....	Spartanburg, S. C.....	2	.....
Marquette, Mich.....	2	.....	Spokane, Wash.....	21	.....
Marshalltown, Iowa.....	7	.....	Springfield, Ohio.....	2	.....
Memphis, Tenn.....	12	.....	Superior, Wis.....	10	.....
Milwaukee, Wis.....	13	.....	Tacoma, Wash.....	9	.....
Mishawaka, Ind.....	6	.....	Terre Haute, Ind.....	1	.....
Mobile, Ala.....	23	.....	Topeka, Kans.....	3	.....
Monmouth, Ill.....	1	.....	Vancouver, Wash.....	1	.....
Montgomery, Ala.....	2	.....	Vicksburg, Miss.....	4	.....
Muncie, Ind.....	1	.....	Waco, Tex.....	5	.....
New Orleans, La.....	33	2	Walla Walla, Wash.....	5	.....
Norfolk, Va.....	4	.....	Washington, D. C.....	5	.....
North Little Rock, Ark.....	3	.....	Wichita, Kans.....	25	.....
Oklahoma City, Okla.....	9	.....	Wilmington, N. C.....	1	.....
Omaha, Nebr.....	21	.....	Winston-Salem, N. C.....	5	.....
Oshkosh, Wis.....	3	.....	Yakima, Wash.....	5	.....

TETANUS.

East St. Louis, Ill., New York, and Rochester, N. Y.

During the week ended May 1, 1920, there were reported 1 death from tetanus at East St. Louis, Ill., 1 case and 1 death at New York, N. Y., and 1 case at Rochester, N. Y.

TUBERCULOSIS.

See Telegraphic weekly reports from States, p. 1214, and Weekly reports from cities, p. 1227.

TYPHOID FEVER.

State Reports for April, 1920.

Place.	New cases reported.	Place.	New cases reported.
Alabama:		Florida—Continued.	
Baldwin County.....	1	Monroe County—Continued.	
Chilton County.....	1	Palm Beach.....	1
Etowah County.....	1	Pinellas.....	3
Jefferson County.....	7	Polk.....	6
Lowndes County.....	1	St. Johns.....	2
Mobile County.....	4	Santa Rosa.....	1
Montgomery County.....	3	Volusia.....	3
Talladega County.....	3	Wakulla.....	1
Total.....	21	Total.....	76
Florida:		New Mexico:	
Dade County—		Bernalillo County.....	1
Miami.....	2	Chaves County.....	2
DeSoto.....	3	Otero County.....	4
Duval County—		Total.....	7
Jacksonville.....	5	Wisconsin:	
Escambia County—		Ashland County.....	1
Pensacola.....	8	Columbia County.....	1
Gadsden.....	3	Douglas County.....	1
Hernando.....	1	Kewaunee County.....	1
Hillsboro.....	2	Milwaukee County.....	3
Hillsborough County—		Monroe County.....	1
Tampa.....	22	Portage County.....	6
Lee.....	1	Sheboygan County.....	2
Leon.....	2	Total.....	15
Manatee.....	2		
Monroe County—			
Key West.....	2		
Orange.....	5		
Osceola.....	1		

City Reports for Week Ended May 1, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, N. Y.....	1		Moundsville, W. Va.....	1	
Atlanta, Ga.....	1		Mt. Vernon, N. Y.....	1	
Atlantic City, N. J.....	1		New Haven, Conn.....	1	
Baltimore, Md.....	1		New Orleans, La.....	2	
Bangor, Me.....	1		New York, N. Y.....	13	2
Birmingham, Ala.....	2		Omaha, Nebr.....	1	1
Boston, Mass.....	1		Pasadena, Calif.....	1	
Burlington, Vt.....		2	Peoria, Ill.....	1	
Charleston, S. C.....	2		Philadelphia, Pa.....		1
Chicago, Ill.....	2		Portland, Me.....	1	
Cleveland, Ohio.....	3	1	Portsmouth, Ohio.....	1	
Dallas, Tex.....	1		Redlands, Calif.....	2	
Detroit, Mich.....	4	1	Sacramento, Calif.....	2	
Fairmont, W. Va.....	1		Saginaw, Mich.....		1
Fremont, Nebr.....		1	San Bernardino, Calif.....	1	
Great Falls, Mont.....		1	San Diego, Calif.....	2	
Haverhill, Mass.....	2		Saratoga Springs, N. Y.....	2	
Kansas City, Mo.....	2		Savannah, Ga.....	1	
Kenosha, Wis.....	1		Schenectady, N. Y.....	3	3
Kokomo, Ind.....	1		Seattle, Wash.....	2	
Lawrence, Mass.....	2		Sheboygan, Wis.....	2	
Little Rock, Ark.....	2		Somerville, Mass.....	1	
Logansport, Ind.....	1		Topeka, Kans.....	1	
Lorain, Ohio.....	2		Vancouver, Wash.....	1	
Los Angeles, Calif.....	4	1	Washington, D. C.....	2	
Lynn, Mass.....	1		Wausau, Wis.....	1	
Marinette, Wis.....	1		Wichita, Kans.....		1
Mattoon, Ill.....	3		Wilmington, Del.....	1	
Memphis, Tenn.....	1				

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City Reports for Week Ended May 1, 1920.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Aberdeen, S. Dak.	15,926	8	1		38		4			
Aberdeen, Wash.	21,392		1		15		2			
Adams, Mass.	14,406	3								
Akron, Ohio	93,604	52	2		10		41			
Alameda, Calif.	28,433	7	11		2					
Albany, N. Y.	106,632		1		1		8		9	
Alexandria, La.	10,232	3								
Alexandria, Va.	17,959						1			
Alliance, Ohio	19,581	4			3		1			
Alton, Ill.	23,783	5			20		1		1	
Amesbury, Mass.	10,200	2			27					
Anaconda, Mont.	10,631	3			1		1			
Anderson, Ind.	24,230	11	1							1
Ann Arbor, Mich.	15,041	13			9		1			
Ansonia, Conn.	16,954	4	2		1		1		3	
Appleton, Wis.	18,005		1		38		4			
Arlington, Mass.	13,073	7			7					
Asbury Park, N. J.	14,629	2			5		1			
Ashland, Ky.	12,195				4		1			
Ashland, Wis.	11,594				1		1			
Ashtabula, Ohio	22,008	2	1							
Atlanta, Ga.	196,144	63			23	3	1		3	6
Atlantic City, N. J.	55,515	13	9		5				3	1
Attleboro, Mass.	19,776	3			8					
Auburn, Me.	15,607	3			1		3			
Aurora, Ill.	34,795	11							3	
Austin, Tex.	35,612	11			1					2
Baltimore, Md.	594,637	212	26	4	304		23		40	20
Bangor, Me.	26,958						1			
Barberton, Ohio	14,187	7			7		1		1	
Barre, Vt.	12,401									
Baton Rouge, La.	17,544	4			21				2	2
Battle Creek, Mich.	30,150				52		21			
Bayonne, N. J.	72,204	3	1		13				2	
Beatrice, Nebr.	10,437	3			1		1			1
Beaumont, Tex.	28,851	6								
Bedford, Ind.	10,613	1								
Belleville, N. J.	12,797		2		3				1	
Bellingham, Wash.	34,362				3		1			
Beloit, Wis.	18,547		1		30		1			
Benton Harbor, Mich.	11,099				4					
Berkeley, Calif.	60,427	12	1		12		2			
Berlin, N. H.	12,892	4								
Billings, Mont.	13,123	1			65		3		2	
Binghamton, N. Y.	54,964	15	1		1		1		4	1
Birmingham, Ala.	180,716	45	3				9		8	2
Bloomfield, N. J.	19,013	1	1		4		1		1	
Bloomington, Ill.	27,462	13					2		3	
Bluefield, W. Va.	16,123				6		2			
Boise, Idaho	35,951	1			1		1			
Boston, Mass.	767,813	206	25	1	214	4	50	2	70	20
Brazil, Ind.	10,472	3								
Bridgeport, Conn.	124,724	34	2	4	2		4		4	2
Bristol, Conn.	16,318	1								
Brockton, Mass.	69,152	14	5				5		9	
Brookline, Mass.	33,526	12			65		2			1
Brunswick, Ga.	10,984	6							3	3
Buffalo, N. Y.	475,781	142		8		2				12
Burlington, Iowa	25,144		1		19		5			
Burlington, Vt.	21,802	9	1		1					
Butte, Mont.	44,057	14					1		1	1
Cadillac, Mich.	10,158	4								
Calro, Ill.	15,995	3			1					1
Cambridge, Mass.	114,268	29	1		48	1	18		7	2
Canton, Ill.	13,674	4								
Canton, Ohio	62,566		1		30		6		3	
Cape Girardeau, Mo.	11,146	3			14					
Cedar Rapids, Iowa	38,033						1			
Centralia, Ill.	11,638	3			25					
Chanute, Kans.	12,968	4								
Charleston, S. C.	61,041	27								1
Charleston, W. Va.	31,680						4		1	

* Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS. Continued.

City Reports for Week Ended May 1, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Charlotte, N. C.	40,759	15							3	1
Chattanooga, Tenn.	61,575	12			3				1	1
Chelsea, Mass.	48,405	12	2		15		6		4	1
Cheyenne, Wyo.	111,320	5			3		3			
Chicago Heights, Ill.	22,863	6								
Chicago, Ill.	2,547,201	653	116	15	412	1	195	4	296	47
Chillicothe, Ohio	29,950	10								4
Chillicothe, Ohio	15,625	5			4					
Cincinnati, Ohio	414,248	104	16		226	2	47	1	15	13
Cleveland, Ohio	682,259	172	30		70	3	55	1	22	18
Clinton, Iowa	27,678		30		7		2			
Clinton, Mass.	113,075	1			2		2			
Coffeyville, Kans.	18,331	3			8		3		1	1
Coboes, N. Y.	25,262	5								
Colorado Springs, Colo.	38,965	14			10		2		4	4
Columbia, S. C.	35,165				13					
Columbus, Ohio	220,135	80	1	1	197	2	6	1	3	8
Comcord, N. H.	22,858	10			31		1		1	
Corpus Christi, Tex.	10,789	4			4				1	
Cortland, N. Y.	13,321	1					8			
Council Bluffs, Iowa	31,838	6			13		3			
Covington, Ky.	59,623	25	1		16		3		3	5
Cranston, R. I.	26,773	8					1		1	1
Cumberland, Md.	26,656	8	1						1	1
Dallas, Tex.	129,738	32	4		27		5		2	4
Danvers, Mass.	10,037	1	1							1
Danville, Ill.	32,969	13			5		1		1	1
Danville, Va.	20,183		2		2				1	
Deavenport, Iowa	49,618				27		3			
Dayton, Ohio	128,939	49	2		35		3		6	
Decatur, Ill.	41,483	14			15		2			3
Dedham, Mass.	10,618	3								1
Denver, Colo.	268,439	85	18	1	136		10			16
Des Moines, Iowa	104,052				9					
Detroit, Mich.	619,648	268	66	6	117	2	78	1	50	27
Dover, N. H.	13,276	6			9					
Dubuque, Iowa	40,066		2	1	56		4			
Duluth, Minn.	97,077	16		1	6		2		2	
Durham, N. C.	26,160	1					1			
East Chicago, Ind.	30,286	6								
East Cleveland, Ohio	13,864				3					
Easthampton, Mass.	10,656	1			21		1			
East Orange, N. J.	43,761	6	3		41		3		3	1
East Providence, R. I.	18,485						1			
East St. Louis, Ill.	77,312	11	2		8				1	2
Eau Claire, Wis.	18,887		1		12					
Elgin, Ill.	28,362	5			8		2		1	
Elizabeth, N. J.	88,830		6		47	1	11		9	1
Elkhart, Ind.	22,273	9			1		1		1	1
El Paso, Tex.	69,149	47	3		16	2				8
Elwood, Ind.	11,028	8								
Englewood, N. J.	12,603	2			7					
Eugene, Oreg.	14,257	2								
Eureka, Calif.	15,142	6					1			
Evanston, Ill.	29,904	7	1				6			
Everett, Mass.	40,160	8	7	1	8		2		2	1
Everett, Wash.	37,205				11		2			
Fairmount, W. Va.	16,111		2		16		2			
Fall River, Mass.	129,828	37	2	1	8		6		6	2
Fargo, N. Dak.	17,872	7			6		1			
Findlay, Ohio	14,858	3			8		3			
Flint, Mich.	57,386		11	1			8			
Fond du Lac, Wis.	21,486				8		1			
Fort Scott, Kans.	10,564	1			6					
Fort Smith, Ark.	29,390				3		2			
Fort Wayne, Ind.	78,014	21	3		58		22			
Fort Worth, Tex.	109,597	22	1				3		1	1
Postoria, Ohio	10,959	4					3			
Frammingham, Mass.	14,149	6			35		8			
Freeport, Ill.	19,844	5					1	1		

1 Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended May 1, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Fremont, Nebr.	10,080	2								
Fremont, Ohio.	11,084				28		13			2
Galesburg, Ill.	24,626	9								1
Galveston, Tex.	42,650	11								2
Gardner, Mass.	17,534	5								
Gary, Ind.	56,000	13	1		4		7		1	
Geneva, N. Y.	13,915	4			6					
Glens Falls, N. Y.	17,160	7								
Gloucester City, N. J.	11,375				5		1			
Grand Rapids, Mich.	132,861	50	7		349	1	8		11	3
Granite City, Ill.	15,890				16					
Great Falls, Mont.	113,945	10			3		2			1
Greely, Colo.	11,942	1			4					
Green Bay, Wis.	30,017				4		2			
Greenfield, Mass.	12,251	6	1		10		3	1		
Greensboro, N. C.	20,174	5								
Greenwich, Conn.	19,594		3		3		6			
Hackensack, N. J.	17,412	7	3		16				1	1
Harrison, N. J.	17,345				8		1			
Hartford, Conn.	112,831	56	7		31		7		1	3
Haverhill, Mass.	49,180	20	9		59	2	5		4	3
Highland Park, Mich.	33,859	10	5	1	34		5			
Hoboken, N. J.	78,324	26	2	1	3	1			3	3
Holland, Mich.	13,459	2								
Holyoke, Mass.	66,503	16			28		5		1	2
Hoquiam, Wash.	12,230				3					
Hot Springs, Ark.	17,690	5								1
Huntington, Ind.	10,962	1	1				3			
Huntington, W. Va.	47,686	16								4
Hutchinson, Kans.	21,461				16		1			
Independence, Mo.	11,964	6	1		6		1		1	1
Indianapolis, Ind.	283,622	80	2	1	645		19	1	3	11
Iowa City, Iowa	11,626				4		3			
Ironwood, Mich.	15,095	3							1	
Irrington, N. J.	16,710		1		5		2			
Ishpeming, Mich.	112,448	2			1					
Ithaca, N. Y.	16,017	4			1		1		3	
Jacksonville, Ill.	15,506	12			3					
Jamestown, N. Y.	37,431	9	5		13				1	1
Janesville, Wis.	14,411		1		25		4			
Jefferson City, Mo.	13,712	4								1
Jersey City, N. J.	312,557		14		106		8		18	
Joplin, Mo.	33,400				8					
Kalamazoo, Mich.	50,408	20	1		81		8		2	2
Kankakee, Ill.	14,270	4					2		1	
Kansas City, Kans.	102,086		6		40		1		5	
Kansas City, Mo.	305,816	92	8		23	2	6	1	17	15
Kearny, N. J.	24,325	5			70		1		2	
Keene, N. H.	10,725	1							1	
Kenosha, Wis.	32,833		2		2		1			
Kewanee, Ill.	13,607	4							1	
Knoxville, Tenn.	59,112		2		14		2		1	1
Kokomo, Ind.	21,929	7			10		4		1	1
Lackawanna, N. Y.	16,219	3	1		1				2	1
La Crosse, Wis.	31,833				104					
La Fayette, Ind.	21,481	6			31		4			1
Lake Charles, La.	14,930	5							1	1
Lancaster, Ohio	16,086	8	1						1	
La Salle, Ill.	12,332	5			11					
Lawrence, Kans.	13,477	4	1		23					
Lawrence, Mass.	102,923	19	1		19		8		3	1
Leavenworth, Kans.	19,363	7			2					1
Leominster, Mass.	21,365	4			1		1		4	
Lexington, Ky.	41,997	7	1		1				2	1
Lincoln, Nebr.	46,957	15	1		83		1			
Little Rock, Ark.	58,716				13				3	
Lockport, N. Y.	20,028	6								1
Logansport, Ind.	21,338	7			1		2			
Long Beach, Calif.	29,163	15			13					1
Long Branch, N. J.	15,733	1			1		1		1	
Lorain, Ohio.	38,266		2	2			2		1	

¹ Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended May 1, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Los Angeles, Calif.....	535,485	151	59	2	82		9	1	58	20
Louisville, Ky.....	240,808	58	6		38		11		9	5
Lowell, Mass.....	114,366	36	1	1	2		4		4	1
Ludington, Mich.....	10,566	14			2		1		3	
Lynchburg, Va.....	33,497	10			2				2	
Lynn, Mass.....	104,534	34	3		5		24		2	4
Macon, Ga.....	46,069	16	1		52				2	
Madison, Wis.....	31,315				7		6		1	
Malden, Mass.....	52,243	10	3		31		3		2	1
Manchester, Conn.....	15,859	1					2		1	
Manchester, N. H.....	79,607	26			24		4		1	1
Manitowoc, Wis.....	13,931						3		3	1
Mankato, Minn.....	110,365	6			4		1		1	
Marionette, Wis.....	114,610						3		3	1
Marion, Ind.....	19,923	4			11		1		2	
Marion, Ohio.....	24,129		3		4				2	
Marquette, Mich.....	12,555	3			12					
Martinsburg, W. Va.....	12,984				1					
Martins Ferry, Ohio.....	10,135	7	1		1					
Mattoon, Ill.....	12,784				23		2		2	
Medford, Mass.....	26,681	10			12		1		1	
Melrose, Mass.....	17,724	4			32				4	
Memphis, Tenn.....	151,877	45	2		2		11		75	3
Meriden, Conn.....	29,431				1		1		1	1
Methuen, Mass.....	14,320	8			7		2		1	
Middletown, Ohio.....	16,394	7					2			1
Milwaukee, Wis.....	445,008	98	8	2	400	2	32	1	8	8
Mishawaka, Ind.....	17,083	5					2			
Missoula, Mont.....	19,075	3			1		3		1	
Mobile, Ala.....	56,201	20					1			4
Monmouth, Ill.....	10,346	8					8			
Montclair, N. J.....	27,067	5	1		6		3			
Montgomery, Ala.....	44,039	15			1		2			
Morgantown, W. Va.....	14,444	1	1		1		2			
Morristown, N. J.....	13,410	6	1		2					
Moundsville, W. Va.....	11,513	3			8		1			
Mount Vernon, N. Y.....	37,991	8	1		11				3	
Muncie, Ind.....	25,653	9		1	8		5			
Muscatine, Iowa.....	17,713	6								
Nashua, N. H.....	27,541	14			17		2		2	
New Bedford, Mass.....	121,622	36	1		5		13		10	5
New Britain, Conn.....	55,385	18	4	1	3		2		7	
New Brunswick, N. J.....	25,855								1	
Newburyport, Mass.....	15,291	5	4							
New Haven, Conn.....	152,275	45	8	1	34		10	1	6	1
New London, Conn.....	21,199		1		63					1
New Orleans, La.....	377,010	109	8		6		2		18	14
New Philadelphia, Ohio.....	10,133				1					
Newton, Mass.....	44,345	17	3		136		3	1	1	
New York, N. Y.....	5,737,492	1,358	309	23	1,253	26	170	4	309	129
Niagara Falls, N. Y.....	38,486	2	5		50		5			
Norfolk, Va.....	91,148		1		20					3
North Adams, Mass.....	12,019	7	1							
Northampton, Mass.....	20,006	6			6		1		1	
North Attleboro, Mass.....	11,248	3			2	1	1		1	
North Little Rock, Ark.....	15,515								1	
North Tonawanda, N. Y.....	14,060	6	1		1					
Norwalk, Conn.....	27,332	8			3					1
Norwich, Conn.....	21,923	4			2		1			
Norwood, Ohio.....	23,269	5			1		3		2	
Oak Park, Ill.....	27,816	9	2		7		5			
Ogdensburg, N. Y.....	16,845	7								
Oklahoma City, Okla.....	97,588	18	4		77		3			
Omaha, Nebr.....	177,777	48	2		120		19			6
Orange, N. J.....	33,636	13			8				3	
Oshkosh, Wis.....	36,549				9		1			
Paducah, Ky.....	25,178				9					1
Parkersburg, W. Va.....	21,059	8			18					1
Pasadena, Calif.....	49,620	14			41		3		2	3
Passaic, N. J.....	74,478	15	2		25				6	1
Paterson, N. J.....	140,512		5		80		2			

¹ Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended May 1, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Pawtucket, R. I.	60,666	14								2
Peekskill, N. Y.	19,034	3								
Peoria, Ill.	72,184	17	1		19		2			
Perth Amboy, N. J.	42,646	4			24		1			
Petersburg, Va.	25,817	7							1	
Philadelphia, Pa.	1,735,514	498	12	10	647	7	81	1	83	52
Phillipsburg, N. J.	15,879	5								
Piqua, Ohio.	14,275	5			6					1
Pittsfield, Mass.	39,678	9	1		1		3		2	
Plainfield, N. J.	24,330	6			9		2		1	1
Plattsburg, N. Y.	13,111	4			18					2
Plymouth, Mass.	14,001	4								
Pontiac, Mich.	18,006	15	2		1		3		1	2
Port Chester, N. Y.	16,727	3	1						2	
Port Huron, Mich.	15,963	12	2		1		3			1
Portland, Me.	64,720	13			1		4			2
Portland, Oreg.	308,399	59	3		65		11		6	5
Portsmouth, N. H.	11,730	1			4		1			
Portsmouth, Ohio.	29,856	6			4	1			1	
Poughkeepsie, N. Y.	30,786	16			14				5	1
Providence, R. I.	259,685	56	19	2	44		8			3
Pueblo, Colo.	56,084	12			25					2
Quincy, Ill.	36,532	10	1		1					2
Quincy, Mass.	39,022	9			1		2			
Racine, Wis.	47,466		3		29		6			
Rahway, N. J.	10,361	1			29		1			
Raleigh, N. C.	20,274	11			22				1	
Redlands, Calif.	14,573	3			1					
Reno, Nev.	15,514	3			15					
Richmond, Ind.	25,080	4	1		1				1	
Richmond, Va.	158,702	52	2	1	133		3		13	7
Riverside, Calif.	20,496	4	3	1					1	
Roanoke, Va.	46,282	16			1				1	1
Rochester, N. Y.	264,714	75	32		69	3	10		5	2
Rockford, Ill.	56,739	15	1	1	3		4			
Rock Island, Ill.	29,452	10	1		48		1			
Rocky Mount, N. C.	12,673	3								
Rome, N. Y.	24,259		1		2		2			
Sacramento, Calif.	68,984	31			18		2		2	2
Saginaw, Mich.	56,469	18	2		3		2			
St. Joseph, Mo.	66,498	34	6	2			1		1	4
St. Louis, Mo.	768,630	206	40	6	348	2	18		38	13
St. Paul, Minn.	252,465	62	10		81		10	1	11	4
Salem, Oreg.	21,274	5								1
Salt Lake City, Utah.	121,623	21	1		29		2		1	
San Bernardino, Calif.	17,616	8			1		1			
San Diego, Calif.	56,412	30			1				11	8
Sandusky, Ohio.	20,226	4			34		4		1	
Sanford, Me.	11,217	3								
San Francisco, Calif.	471,023	114	26		10		14		33	14
Santa Barbara, Calif.	15,360	10							2	3
Santa Cruz, Calif.	15,150	3	1							
Saratoga Springs, N. Y.	13,839	5		1					1	
Sault Ste. Marie, Mich.	14,130	2					4			
Savannah, Ga.	69,250	30			9				2	2
Schenectady, N. Y.	103,774	18	2		18		1		2	2
Seattle, Wash.	366,445	2			62		9			
Sheboygan, Wis.	28,907				26		3			
Sioux City, Iowa.	58,568		2				9			
Sioux Falls, S. Dak.	16,887	6	1		26					
Somerville, Mass.	88,618	20	1		37		8		5	1
South Bend, Ind.	70,967	13		1	29		2		2	2
Southbridge, Mass.	14,465	6					1			
Spartanburg, S. C.	21,985	4								1
Spokane, Wash.	157,656				162					
Springfield, Ill.	62,623	27					3			2
Springfield, Mass.	108,668	44			94	1	7		2	2
Springfield, Ohio.	52,296	20			48		2		4	2
Staunton, Va.	11,823	1					1			
Steubenville, Ohio.	28,259	7			9				1	
Stillwater, Minn.	10,198	3	1							

¹ Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended May 1, 1920—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Stockton, Calif.	36,209	12					2		5	
Superior, Wis.	47,167	11	1		5		3			2
Syracuse, N. Y.	158,559	49	4	1	33		26		4	2
Tacoma, Wash.	117,446		1		73		2			
Taunton, Mass.	36,640	14	2	1	2				4	
Terre Haute, Ind.	67,361	21			55		4			1
Toledo, Ohio.	202,010	58	2		39	1	10			5
Topeka, Kans.	49,538	16			23					1
Traverse City, Mich.	14,090	3			1					
Trenton, N. J.	113,974	37	2		2		1	1	7	3
Trinidad, Colo.	14,413						4			
Troy, N. Y.	78,094	23	2				1		2	1
Tucson, Ariz.	17,324	18								
Union, N. J.	25,370		1		7					
Vallejo, Calif.	13,803	4	3		1		3			1
Vancouver, Wash.	13,805		2		3		5			
Waco, Tex.	34,015	8					2			1
Wakefield, Mass.	12,947	7					3	1		
Walla Walla, Wash.	26,067				21					
Waltham, Mass.	31,011	8	2	1			3			1
Washington, D. C.	369,282	114	10	2	22		21		36	13
Watertown, Mass.	15,183	5	1		12		4			1
Watertown, N. Y.	30,404		1		1		1			
Wausau, Wis.	19,686	7			15		3			
Westfield, Mass.	18,789	7			1				4	
West Hoboken, N. J.	44,336	4	1		8		1		1	
West New York, N. J.	19,613	4	1		5				1	1
West Orange, N. J.	13,964	1	1		5				1	
West Springfield, Mass.	10,770	4			6		2			
Wheeling, W. Va.	43,657	26	2		81	1	4		1	3
White Plains, N. Y.	23,331	6			5		5		2	
Wichita, Kans.	73,897	31			14		1			
Williamantic, Conn.	12,902	3	1		1		3		2	1
Wilmington, Del.	95,369	31	1		31	1	3			3
Wilmington, N. C.	30,400	10					1			
Winchester, Mass.	10,812	5	1		7		1			
Winona, Minn.	18,563	7					1		4	1
Winston-Salem, N. C.	33,136	12	1		8		6		4	2
Winthrop, Mass.	13,105	3			22		1	1	2	
Woburn, Mass.	16,076	2								
Worcester, Mass.	166,106	46					64		26	7
Yakima, Wash.	22,068				56		5			
Yonkers, N. Y.	108,066	21	1	1	53		3		6	3
Zanesville, Ohio.	31,320	7			7					1

¹ Population Apr. 15, 1910.

FOREIGN AND INSULAR.

BERMUDA.

Leprosy.

During the week ended May 1, 1920, a case of leprosy was reported in Bermuda.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified in Habana as follows:

Disease.	Apr. 21-30, 1920.		Remain- ing under treat- ment Apr. 30, 1920.
	New cases.	Deaths.	
Cerebrospinal meningitis.....	1		16
Chicken pox.....	11		26
Diphtheria.....	5	1	3
Influenza.....	6	1	
Leprosy.....			10
Malaria.....	17		34
Measles.....	44	1	76
Paratyphoid fever.....			2
Scarlet fever.....	6	1	16
Typhoid fever.....	13	3	45

¹ From abroad, 6.

² From the interior, 21; from abroad, 1.

³ From the interior, 18; from abroad, 1.

GREECE.

Plague—Piræus.

Plague has been reported present at Piræus, Greece, with three cases notified April 25 and two cases April 27, 1920.

Deratization of Vessels—Examination of Passengers.

Under date of April 30, 1920, vessels leaving Piræus, Greece, are required to be deratized and all passengers are subjected to medical examination.

JAMAICA.

Quarantine Regulations.

Under date of April 6, 1920, the Quarantine Board of Jamaica issued a revised set of quarantine regulations governing vessels arriving at Jamaican ports. The regulations pertain to the rat-guarding of all vessels while in port, and to special rules applying to those vessels which have cleared from countries infected with plague, yellow fever, influenza, and smallpox.

INFLUENZA.

The following information was taken from reports received during the week ended May 21, 1920:

Place.	Date.	Cases.	Deaths.	Remarks.
Australia:				
Queensland—				
Brisbane.....	Apr. 1-7.....	1		
South Australia.....				Feb. 29-Apr. 3, 1920: Cases, 15; deaths, 2. Entire State.
Canada:				
Manitoba—				
Winnipeg.....	Apr. 11-17.....	4	3	
Ontario—				
Sarnia.....	Apr. 25-May 1.....		5	
Saskatchewan—				
Saskatoon.....	Apr. 11-24.....	5	1	
Ceylon:				
Colombo.....	Mar. 7-14.....		5	
China:				
Antung.....	Apr. 5-11.....	3		
Hongkong.....	Mar. 7-13.....		22	
Czecho-Slovakia:				
Prague.....	Feb. 22-Mar. 27.....		23	
Denmark:				
Aarhus.....	Mar. 28-Apr. 10.....			Present.
Copenhagen.....	Mar. 21-Apr. 4.....	958	10	
Dominican Republic.....				Apr. 11-17, 1920: Deaths, 1.
Egypt:				
Alexandria.....	Mar. 25-Apr. 1.....	33	5	
France:				
Limoges.....	Mar. 1-31.....		5	
Paris.....	Mar. 1-10.....		31	
Japan:				
Nagoya.....	Apr. 4-10.....		18	
Malta.....	Feb. 1-Mar. 31.....	634		
Panama:				
Colon.....	Apr. 12-18.....	10		
Sweden:				
Gottenborg.....	Apr. 4-10.....	109		
Malmö.....	Mar. 28-Apr. 10.....	247	2	
Stockholm.....	Mar. 21-Apr. 3.....	136	27	
Tunis:				
Tunis.....	Apr. 5-18.....		4	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

• Reports Received During Week Ended May 21, 1920.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Madras.....	Mar. 21-27.....	5	3	
Rangoon.....	Feb. 29-Mar. 20.....	6	5	
Siam:				
Bangkok.....	Mar. 7-20.....	78	40	
Straits Settlements:				
Singapore.....	Mar. 7-13.....	2	1	

PLAGUE.

Ceylon:				
Colombo.....	Mar. 7-13.....	1		
Egypt:				
Cities—				
Suez.....	Mar. 26-30.....	7	6	1 pneumonic.
Provinces—				
Assiout.....	Mar. 27-30.....	10	6	
Keneh.....	Mar. 28.....	1	1	Septicemic.
Minieh.....	Mar. 28-29.....	1	2	

¹ From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During Week Ended May 21, 1920—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Greece:				
Piræus.....	Apr. 25-27.....	5		
India:				Mar. 7-13, 1920: Cases, 7,296; deaths, 5,439.
Bombay.....	Mar. 7-13.....	8	8	
Karachi.....	Mar. 14-20.....	2	2	
Madras Presidency.....	Mar. 21-27.....	103	76	
Rangoon.....	Feb. 29-Mar. 20.....	203	186	
Siam:				
Bangkok.....	Feb. 29-Mar. 20.....	31	27	

SMALLPOX.

Belgium:				
Brussels.....	Feb. 29-Mar. 6.....		1	
Bolivia:				
La Paz.....	Apr. 4-10.....	3	1	
Brazil:				
Ceara.....	Mar. 21-27.....		1	
Para.....	Apr. 4-17.....		7	
Canada:				
Manitoba—				
Winnipeg.....	Apr. 11-17.....	2		
New Brunswick—				
St. John.....	Apr. 18-24.....	1		
Nova Scotia—				
Sydney.....	Apr. 25-May 1.....	3		
Ontario—				
Fernie.....	Apr. 11-17.....	3		
Hamilton.....	May 2-8.....	1		
North Bay.....	Apr. 28-May 1.....	2		
Ottawa.....	Apr. 18-May 8.....	10		
Peterborough.....	Mar. 21-Apr. 10.....	7		
Prince Edward Island—				
Summerside.....	May 1-7.....	1		
Quebec—				
Montreal.....	Apr. 25-May 1.....	1		
Saskatchewan—				
Moosejaw.....	Apr. 18-24.....	3		
Regina.....	do.....	1		
Ceylon:				
Colombo.....	Mar. 7-20.....	4	1	
China:				
Hongkong.....	Mar. 14-20.....	11	1	
Nankin.....	Mar. 14-Apr. 13.....			Present.
Shanghai.....	Mar. 29-Apr. 4.....	1		
Egypt:				
Alexandria.....	Mar. 26-Apr. 1.....	16	10	
Great Britain:				
Glasgow.....	Apr. 3-16.....	15	1	
Haiti:				
Port au Prince.....	Apr. 10-17.....			Do.
India:				
Bombay.....	Mar. 7-13.....	48	27	
Karachi.....	Mar. 14-20.....	46	5	
Madras.....	Mar. 21-27.....	7	1	
Rangoon.....	Feb. 29-Mar. 13.....	62	13	
Italy:				
Genoa Province.....	Mar. 8-Apr. 4.....	11		Province, 28 cases.
Messina.....	Mar. 22-Apr. 4.....	2		
Milan.....	Jan. 1-Feb. 29.....	28	8	
Palermo.....	Mar. 24-30.....	1	1	
Japan:				
Kobe.....	Mar. 29-Apr. 4.....	5		
Nagoya.....	Apr. 11-17.....	1		
Luxemburg.....	Mar. 14-23.....	3		
Malta.....	Jan. 1-Mar. 31.....	5	2	
Manchuria:				
Dairen.....	Mar. 30-Apr. 5.....	2		
Philippine Islands:				
Manila.....	Feb. 15-Mar. 13.....	3	3	
Portugal:				
Lisbon.....	Mar. 29-Apr. 10.....		13	
Oporto.....	Jan. 13-Mar. 1.....	3	2	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received During Week Ended May 21, 1920—Continued.****SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Portuguese East Africa.....				Present in interior districts of Chai-Chai, Inhambane, Mozambique, Quelimane, and Tete, Mar. 14-27, 1920.
Russia:				
Riga.....	Feb. 16-Mar. 15....	20		
Spain:				
Barcelona.....	Mar. 19-Apr. 8.....		13	
Vigo.....	Apr. 4-10.....		2	
Straits Settlements:				
Singapore.....	Mar. 7-13.....	1	1	
Tunis:				
Tunis.....	Apr. 5-18.....	3	3	

TYPHUS FEVER.

Bolivia:				At Malta. Troops from Russia landed for treatment and segregated.
La Paz.....	Apr. 4-10.....	2	4	
Chile:				
Valparaiso.....	Mar. 28-Apr. 10....		3	
On vessels:				
S. S. Panama.....	Jan. 1-31.....	37		

Reports Received from Dec. 27, 1919, to May 14, 1920.**CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
China:				Aug. 15-Nov. 16, 1919: Cases, 15,192; deaths, 9,823.
Amoy.....	Nov. 4-17.....		2	
Chosen (Korea)				
Chemulpo.....	Oct. 1-31.....	6	4	
Fusan.....	do.....	34	30	
Provinces—				
Keiki.....	Aug. 15-Nov. 16....	224	135	
Kogen.....	do.....	64	38	
Kokai.....	do.....	4,015	2,770	
North Chusei.....	do.....	1	1	
North Heian.....	do.....	3,196	2,434	
North Kankyo.....	do.....	497	275	
North Keisho.....	do.....	63	35	
North Zenra.....	do.....	1,326	692	
South Chusei.....	do.....	930	590	
South Heian.....	do.....	3,031	1,853	
South Kankyo.....	do.....	870	551	
South Keisho.....	do.....	318	156	
South Zenra.....	do.....	657	283	
Greece:				Oct. 19-Dec. 27, 1919: Deaths, 23,388. Jan. 4-Feb. 14, 1920: Deaths, 12,701.
Saloniki.....	Oct. 10.....	1		
India:				
Bombay.....	Nov. 2-8.....	1	1	
Do.....	Jan. 11-Feb. 21....	3	2	
Calcutta.....	Oct. 26-Dec. 27....	181	166	
Do.....	Dec. 28-Mar. 20....	431	370	
Madras.....	Nov. 23-Dec. 27....	14	5	
Do.....	Dec. 28-Mar. 20....	26	11	
Rangoon.....	Nov. 30-Dec. 27....	12	9	
Do.....	Dec. 28-Feb. 28....	4	4	
Indo-China:				For entire island: Oct. 22-Nov. 30, 1919: Cases, 651; deaths, 385.
Saigon.....	Oct. 27-Nov. 23....	5	4	
Japan:				
Kobe.....	Nov. 24-30.....	2		
Taiwan.....				
Tokyo.....	Nov. 10-20.....	1	1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 27, 1919 to May 14, 1920—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java:				
East Java				Oct. 5-11, 1919: One case, 1 death.
Surabaya	Feb. 8-14	1	1	At Pasoerosan.
West Java				Nov. 5-Dec. 25, 1919: Cases, 17.
Batavia	Nov. 5-Dec. 25	17		Jan. 24-Feb. 27, 1920: Cases, 3;
Do.	Jan. 21-Feb. 12	2	1	deaths, 1.
Philippine Islands:				
Manila	Nov. 2-Dec. 27	20	10	
Provinces				Nov. 2-Dec. 27, 1919: Cases, 1,574;
Albay	Nov. 2-Dec. 27	339	240	deaths, 1,151.
Ambos Camarines	Nov. 2-Dec. 20	66	34	
Antique	Nov. 2-Dec. 27	160	113	
Batangas	do.	39	28	
Bohol	do.	34	27	
Cagayan	Nov. 3-15	35	20	
Capiz	Nov. 2-8	6	5	
Cavite	Nov. 2-Dec. 6	25	16	
Cebu	Nov. 2-Dec. 20	23	14	
Davao	Nov. 9-15	6	4	
Ilocos Norte	Nov. 2-28	42	40	
Ilocos Sur	Nov. 2-22	18	15	
Iloilo	Nov. 2-Dec. 20	55	33	
Isabela	Nov. 2-Dec. 13	167	77	
Laguna	Nov. 2-Dec. 20	23	17	
Mindoro	Nov. 2-Dec. 6	81	30	
Mountain	Nov. 2-Dec. 13	6	4	
Occidental Negros	Nov. 2-Dec. 27	100	53	
Pangasinan	Nov. 30-Dec. 20	60	46	
Rizal	do.	41	15	
Sorsogon	Nov. 2-Dec. 13	208	139	
Tarlac	Nov. 2-22	11	11	
Tayabas	Nov. 2-Dec. 27	60	35	
Union	Nov. 9-15	5	5	
Manila	Feb. 3-28	2		
Provinces				Dec. 28, 1919-Apr. 10, 1920: Cases,
Albay	Dec. 28-Apr. 10	78	53	912; deaths, 506.
Ambos Camarines	Dec. 28-Apr. 3	298	598	
Antique	do.	219	60	
Batangas	Dec. 28-Feb. 14	19	12	
Cavite	Jan. 11-17	1	1	
Iloilo	Dec. 28-Jan. 3	9	2	
Ilocos Norte	Mar. 7-13		1	
Isabela	Jan. 11-17	6	3	
Laguna	Dec. 22-Jan. 3	2	2	
Mindoro	Jan. 4-24	24	11	
Mountain	Dec. 28-Jan. 10	11	6	
Occidental Negros	Jan. 4-Mar. 20	22	19	
Palawan	Jan. 11-Feb. 28	59	37	
Pangasinan	Dec. 28-Jan. 3	1		
Rizal	Feb. 1-7	3		
Samar	Jan. 4-Apr. 10	66	37	
Sorsogon	Jan. 1-24	51	40	
Tayabas	Jan. 4-Feb. 28	33	19	
Poland:				
Garwolin				Present in November, 1919.
Kowal				Do.
Stryl.				Do.
Russia:				
Novorossisk	Nov. 8-11	3		
Odessa	Oct. 25-Nov. 7	93		
Siam:				
Bangkok	Dec. 7-27	163	57	Oct. 5-Dec. 15, 1919: Deaths,
Do.	Dec. 28-Mar. 6	192	91	1,080.
Straits Settlements:				
Singapore	Oct. 5-Dec. 27	15	14	
Do.	Dec. 28-Mar. 6	6	4	
Sumatra:				
Deli	Oct. 1-31	1	1	
Medan	Nov. 1-30	1	1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 27, 1919, to May 14, 1920—Continued.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Argentina:				
Rosario.....	Dec. 1-31.....		7	
Brazil:				
Bahia.....	Nov. 9-15.....	1	1	
Do.....	Jan. 25-Mar. 6.....	5	3	
Porto Alegre.....	Nov. 1-30.....		3	
Rio de Janeiro.....	Nov. 2-Dec. 27.....	9	4	
Do.....	Jan. 11-17.....	1		
British East Africa.....				Sept. 1-Dec. 31, 1919; Deaths, 33 reported by native inspectors, 601 reported by native chiefs. Dec. 14-20, 1919: Present in vicinity. Feb. 15-21, 1920: Present in vicinity.
Kisumu.....	Sept. 23-Nov. 1.....	6	6	
Do.....	Feb. 1-7.....	1	1	
Mombasa.....	Feb. 1-21.....	14	14	
Ceylon:				
Colombo.....	Oct. 26-Dec. 27.....	36	35	
Do.....	Dec. 28-Feb. 28.....	45	22	
Chile:				
Antofagasta.....	Dec. 8-14.....	1		
Do.....	Feb. 8-14.....	1		
China:				
Hongkong.....	Dec. 7-13.....	1		
Do.....	Feb. 1-7.....	1	1	
Ecuador:				
Guayaquil.....	Nov. 1-31.....	2		
Do.....	Jan. 1-Mar. 31.....	45	7	
Egypt.....				Jan. 1-Dec. 25, 1919: Cases, 867; deaths, 469. Jan. 1-Apr. 8, 1920: Cases, 136; deaths, 86. From vessel Rachid Pacha from Constantinople, Saloniki, and Smyrna.
Cities—				
Alexandria.....	Dec. 3.....	1	1	
Do.....	Feb. 13.....	1	1	
Port Said.....	Feb. 13.....	1		
Suez.....	Feb. 1-Apr. 2.....	7	5	
Provinces—				
Assiout.....	Nov. 15-21.....	30	17	
Do.....	Jan. 13-Apr. 7.....	59	31	
Assouan.....	Mar. 31.....	1	1	
Fayoum.....	Mar. 2-Apr. 2.....	2	1	
Girgeh.....	Mar. 4-5.....	3	3	
Minieh.....	Mar. 1-14.....	15	6	
Greece.....				Present, Apr. 28.
Saloniki.....	Oct. 6-Dec. 21.....	19	7	
Hawaii:				
Kaloha.....	Feb. 23-Mar. 23.....	1	2	
India.....				Oct. 19-Dec. 27, 1919: Cases, 31,542; death, 23,443. Dec. 28, 1919-Mar. 13, 1920: Cases, 57,277; deaths, 45,341.
Bombay.....	Oct. 19-Dec. 27.....	6	6	
Do.....	Jan. 4-Mar. 6.....	32	17	
Calcutta.....	Jan. 25-Mar. 20.....	9	5	
Karachi.....	Nov. 9-29.....	3	2	
Do.....	Jan. 11-Feb. 28.....	3	1	
Madras Presidency.....	Nov. 9-Dec. 27.....	1,068	704	
Do.....	Dec. 28-Mar. 20.....	4,480	3,274	
Madras.....	Jan. 25-Feb. 14.....	4	2	
Rangoon.....	Nov. 2-Dec. 27.....	29	27	
Do.....	Dec. 28-Feb. 28.....	289	275	
Oct. 19-Nov. 1, 1919: Cases, 10; deaths, 7				
Indo-China:				
Saigon.....	Oct. 27-Dec. 7.....	11	9	
Do.....	Jan. 26-Feb. 7.....	1	1	
Java:				
East Java.....				Sept. 28-Dec. 31, 1919: Cases, 1,500; deaths, 1,499. Surabaya Residency, Jan. 1-Mar. 6, 1920: Cases, 64; deaths, 61
Surabaya.....	Jan. 1-Mar. 6.....	50	47	
Mesopotamia:				
Bagdad.....	Jan. 3-9.....	1	1	
Peru:				
Callao.....	Nov. 1-30.....		3	
Paiza.....	Dec. 29-Jan. 17.....	23	17	
Salaverry (Trujillo).....	Nov. 23-Dec. 21.....	9	1	
Do.....	Dec. 29-Apr. 4.....	44	22	Present in surrounding country and in vicinity.
Senegal:				
Dakar.....	Nov. 1-30.....		146	Including Dakar and vicinity.
Siam:				
Bangkok.....	Dec. 14-20.....	4	2	
Do.....	Feb. 1-21.....	3	3	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 27, 1919, to May 14, 1920—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Straits Settlements:				
Singapore.....	Oct. 26-Dec. 27.....	7	6	
Do.....	Jan. 4-Mar. 6.....	16	8	
Syria:				
Beirut.....	Dec. 22.....	29	.....
Turkey:				
Constantinople.....	Nov. 14-Dec. 20.....	11	.....	Present Dec. 11, 1919. Nov. 14-20, 1919: Present in vicinity.
On vessel:				
S. S. Alps Maru.....	Feb. 28-Mar. 5.....	2	2	At Port of London, England. Vessel left Yokohama, Japan, Dec. 3, 1919; arrived Suez Jan. 21, 1920. Destination, Hamburg.
S. S. Espana.....	Mar. 22.....	.....	.....	Reported at Las Palmas, Canary Islands; quarantined for plague which occurred on board en route. Vessel left Buenos Aires Feb. 16. Arrived at Malaga, Spain, Mar. 16. Destination, Mahon, Island of Minorca.
S. S. Kaiser-i-Hind.....	Nov. 28.....	3	.....	At Port Said, Egypt. From Bombay, Nov. 15, for London.

SMALLPOX.

Algeria:				
Department—				
Algiers.....	Nov. 11-Dec. 31.....	65	.....	City of Algiers: Cases, 2.
Do.....	Jan. 1-Apr. 10.....	169	.....
Constantine.....	Nov. 11-Dec. 31.....	15	.....
Do.....	Jan. 1-Apr. 10.....	42	.....
Oran.....	Nov. 11-Dec. 31.....	90	.....
Do.....	Jan. 1-Apr. 10.....	205	.....
South Territories.....	do.....	12	.....
Arabia:				
Aden.....	Dec. 24-30.....	1	1	
Do.....	Jan. 6-20.....	.....	3	
Argentina:				
Rosario.....	Jan. 1-31.....	.....	1	
Austria:				
Vienna.....	Nov. 23-Jan. 3.....	10	.....	Nov. 23, 1919-Jan. 3, 1920: Cases, 13.
Belgium:				
Brussels.....	Dec. 28-Feb. 14.....	.....	4	
Bolivia:				
La Paz.....	June 29-Dec. 27.....	.....	216	Dec. 29, 1918-June 28, 1919: Cases, 86; deaths, 44. Dec. 28-20, 1919: Cases, 7; deaths, 5.
Do.....	Dec. 28-Mar. 20.....	31	42	
Brazil:				
Bahia.....	Oct. 26-Nov. 22.....	1,704	1,022	
Do.....	Dec. 28-Mar. 6.....	546	392	
Para.....	Feb. 8-Mar. 27.....	8	2	
Pernambuco.....	Nov. 10-Dec. 28.....	123	9	
Do.....	Dec. 29-Jan. 11.....	82	4	
Rio de Janeiro.....	Sept. 28-Dec. 27.....	429	119	
Do.....	Dec. 28-Jan. 17.....	.....	13	
Santos.....	Nov. 24-30.....	.....	1	
Do.....	Jan. 5-18.....	.....	2	
British East Africa:				
Zanzibar.....	Feb. 1-29.....	3	1	Sept. 1-Dec. 31, 1919: Cases, 851; deaths, 327. From s. s. Karapara from Bombay and s. s. Roma from Suez.
Bulgaria:				
Sofia.....	Feb. 22-Mar. 20.....	5	.....
Canada:				
British Columbia—				
Vancouver.....	Nov. 30-Dec. 6.....	1	.....
Do.....	Jan. 4-17.....	1	.....
Manitoba—				
Winnipeg.....	Jan. 11-Apr. 10.....	11	.....
New Brunswick—				
Gloucester County.....	Jan. 29-May 1.....	9	.....	Jan.-Mar., 1920: Cases, 14.
St. John.....				

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from Dec. 27, 1919 to May 14, 1920—Continued.****SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Nova Scotia—				
Halifax.....	Dec. 21-27.....	2		
Do.....	Jan. 4-Feb. 14.....	4		
Sydney.....	Dec. 7-13.....	1		
Do.....	Dec. 28-Apr. 24.....	23		
Counties—				
Cumberland.....	Dec. 14-20.....			Present.
Gloucester.....				Oct.-Nov., 1919: Cases, 3.
Inverness.....	Dec. 14-20.....			Present.
Pictou.....	do.....			Do.
Ontario.				
Fort William and Port Arthur.....	Jan. 25-Apr. 24.....	8		Nov. 1-29, 1919: Cases, 1,673.
Hamilton.....	Dec. 14-20.....	3		Nov. 30-Dec. 6, 1919: Cases, 125, in 45 localities, exclusive of Dysart and Toronto; Dec. 1-31, 1919: Cases, 1,414; deaths, 2.
Do.....	Jan. 4-Apr. 24.....	35		Dec. 28, 1919-Mar. 27, 1920: Cases, 2,330; deaths, 35.
Kingston.....	Dec. 21-27.....	1		
Do.....	Dec. 28-Apr. 12.....	15		
Moncton.....	Apr. 25-May 1.....	1		
North Bay.....	Jan. 11-Apr. 24.....	8		
Ottawa.....	Dec. 14-20.....	1		
Do.....	Dec. 28-May 1.....	31	1	
Peterborough.....	Dec. 21-27.....	3		
Do.....	Dec. 28-Mar. 20.....	50	2	
Prescott.....	Jan. 4-10.....	1		
Sault Ste. Marie.....	Dec. 7-27.....	1		
Do.....	Dec. 28-Jan. 3.....	1		
Toronto.....	Dec. 7-27.....	727		
Do.....	Dec. 28-May 1.....	883	7	
Windsor.....	Dec. 14-27.....	2		
Do.....	Mar. 21-May 1.....	3		
Prince Edward Island—				
Summerside.....	Feb. 14-20.....	3		
Quebec				
Bonaventure and Gaspé.....	Jan. 1-Apr. 30.....	46		Counties.
Montreal.....	Dec. 7-27.....	3		
Do.....	Jan. 18-Apr. 24.....	29		
Quebec.....	Dec. 7-27.....	4		
Do.....	Jan. 4-Apr. 24.....	20		
Saskatchewan—				
Moosejaw.....	Dec. 28-Apr. 17.....	3		
Saskatoon.....	Dec. 14-20.....	1		
Do.....	Mar. 28-Apr. 3.....	1		From Toronto.
Regina.....	Mar. 27-Apr. 3.....	1		
Ceylon:				
Colombo.....	Nov. 16-Dec. 13.....	10	9	
Do.....	Dec. 28-Mar. 6.....	11	2	
China:				
Amoy.....	Nov. 4-Dec. 22.....			Present. Dec. 22: Four deaths.
Do.....	Dec. 30-Apr. 20.....	12	7	
Canton.....	Nov. 2-Dec. 27.....			Present.
Do.....	Dec. 28-Feb. 28.....			Do.
Chungsha.....	Jan. 4-10.....	55		
Chungking.....	do.....			Do.
Do.....	Dec. 28-Mar. 6.....			Do.
Foochow.....	Nov. 16-Dec. 27.....			Do.
Do.....	Dec. 28-Mar. 20.....			Do.
Hankow.....	Feb. 29-Mar. 6.....	1	1	
Hongkong.....	Jan. 25-31.....	1		
Nankin.....	Dec. 6-27.....			Do.
Do.....	Dec. 28-Mar. 13.....			Do.
Shanghai.....	Dec. 22-28.....	2		
Tientsin.....	Feb. 1-7.....	1		
Chosen (Korea):				
Chemulpo.....	Dec. 1-31.....	1	1	
Do.....	Jan. 1-Feb. 29.....	10	3	
Fusan.....	Oct. 1-Dec. 31.....	12	1	
Do.....	Feb. 1-29.....	1		
Seoul.....	Oct. 1-Dec. 31.....	19	4	
Do.....	Jan. 1-Feb. 29.....	162	44	
Colombia:				
Barranquilla.....	Nov. 16-Dec. 20.....	50	2	
Do.....	Jan. 11-Mar. 6.....	500	4	Stated to be epidemic, Jan. 18-24, and Apr. 11-17, 1920. About 200 cases, Feb. 1-14.
Costa Rica:				
Limon.....	Mar. 23-Apr. 3.....		1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 27 1919, to May 14, 1920—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Cuba:				
Habana.....	Jan. 31.....	4	.....	Children living in same house.
Czecho-Slovakia:				
Prague.....	Feb. 8-Mar. 20.....	4	2	
Egypt:				
Alexandria.....	Nov. 12-Dec. 16.....	32	22	
Do.....	Jan. 1-Mar. 25.....	147	64	
Cairo.....	Oct. 1-Dec. 23.....	64	31	
Do.....	Jan. 1-Feb. 25.....	58	15	
Port Said.....	Oct. 1-Dec. 23.....	13	6	
Do.....	Jan. 1-Feb. 25.....	34	11	
Finland:				
Provinces.....				July 16-Dec. 31, 1919: Cases, 83; Jan. 15-31, 1920: Cases, 14.
Abo Och Borneborg.....	Nov. 1-15.....	1	.....
Nyland.....	July 16-Dec. 15.....	29	.....
St. Michael.....	Dec. 1-15.....	7	.....
Tavastehus.....	July 16-Dec. 31.....	15	.....
Do.....	Jan. 15-31.....	6	.....
Vasa.....	Dec. 1-31.....	4	.....
Do.....	Jan. 25-31.....	8	.....
Viborg.....	July 16-Dec. 31.....	37	.....
France:				
Paris.....	Jan. 1-31.....	3	2	
Germany.....				
Prussia.....	Oct. 20-Nov. 29.....	1,100	323	Oct. 5-15, 1919: Cases, 32. In addition to previously reported cases; Sept. 22-Dec. 6, 1919: Cases, 175 (exclusive of Prussia). Dec. 7, 1919-Jan. 17, 1920: Cases, 217.
Great Britain:				
Birmingham.....	Mar. 28-Apr. 13.....	6	.....
Glasgow.....	Feb. 29-Mar. 27.....	5	.....
Liverpool.....	Mar. 14-Apr. 3.....	3	.....
London.....	Feb. 22-28.....	4	.....
Greece:				
Saloniki.....	Nov. 10-Dec. 28.....	26	26	
Do.....	Dec. 9-Mar. 14.....	51	43	In vicinity: Drama, cases, 2; Zagoritzani, 9 cases, 1 death; Serres, 1 case.
Hungary.....				Nov. 3-Dec. 7, 1919: Cases, 15.
India.....				Oct. 19-Dec. 27, 1919: Deaths, 3,421. Jan. 4-Feb. 21, 1920: Deaths, 8,249.
Bombay.....	Oct. 12-Dec. 20.....	46	11	
Do.....	Dec. 28-Mar. 6.....	185	62	
Calcutta.....	Oct. 26-Dec. 27.....	186	260	
Do.....	Dec. 28-Mar. 20.....	2,025	1,733	
Karachi.....	Dec. 21-27.....	6	2	
Do.....	Jan. 18-Mar. 13.....	37	27	
Madras.....	Nov. 2-Dec. 27.....	31	13	
Do.....	Dec. 28-Mar. 13.....	86	18	
Rangoon.....	Oct. 19-Dec. 27.....	51	18	
Do.....	Dec. 28-Feb. 28.....	111	34	
Indo-China:				
Saigon.....	Oct. 27-Nov. 23.....	2	.....
Do.....	Jan. 19-25.....	2	.....
Italy:				
Genoa.....	Jan. 5-Mar. 7.....	26	.....	Province: Nov. 17-Dec. 28, 1919: Cases, 15; deaths, 3. Jan. 12-18, 1920: Cases, 13.
Leghorn.....	Jan. 4-Mar. 15.....	8	.....	Province of Messina: Dec. 14-28, 1919: Cases, 68. Jan. 5-Mar. 14, 1920: Cases, 151; 2 deaths.
Messina.....	Nov. 10-Dec. 28.....	55	8	
Do.....	Dec. 29-Mar. 21.....	39	7	
Milan.....	Oct. 1-Dec. 31.....	15	2	
Naples.....	Dec. 28-Feb. 15.....	13	17	
Palermo.....	Dec. 27-Mar. 23.....	5	4	
San Fratello.....	Dec. 1-28.....	49	5	
Do.....	Dec. 29-Mar. 7.....	29	1	
Trieste.....	Jan. 3-Mar. 27.....	3	1	
Turin.....	Dec. 28-Feb. 15.....	5	.....
Japan:				
Kobe.....	Dec. 15-21.....	1	.....
Do.....	Feb. 23-Mar. 21.....	1	.....
Nagasaki.....	Feb. 2-8.....	1	1	
Taiwan.....	Nov. 1-31.....	36	7	Entire Island.
Do.....	Jan. 1-Mar. 31.....	559	177	Do.
Tokyo.....	Mar. 15-20.....	15	.....
Yokohama.....	Feb. 1-Mar. 26.....	32	8	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 27, 1919, to May 14, 1920—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java:				
East Java.....				Sept. 28-Dec. 18, 1919: Cases, 34.
Resideny—				Jan. 1-Feb. 14, 1920: Cases, 2.
Surabaya.....	Oct. 25-Dec. 18.....	26		
Do.....	Jan. 1-7.....	1		
West Java.....				Oct. 17-Dec. 25, 1919: Cases, 650;
Batavia.....	Oct. 17-Dec. 12.....	49	22	deaths, 151. Jan. 2-Mar. 11,
Do.....	Jan. 2-Mar. 11.....	19	11	1920: Cases, 456; deaths 90.
Luxemburg.....	Feb. 15-29.....	3		
Malta.....	Feb. 1-29.....	3		
Manchuria:				
Dairen.....	Feb. 3-Mar. 15.....	3		
Mukden.....	Jan. 18-Mar. 13.....			Present.
Mesopotamia:				
Bagdad.....	Jan. 10-30.....	5		
Mexico:				
Acapulco.....	Nov. 9-15.....	2		
Chihuahua.....	Dec. 21-27.....	3	3	
Do.....	Jan. 11-Mar. 20.....		3	
Ciudad Juarez.....	Jan. 11-Feb. 7.....		2	
Guadalajara.....	Dec. 1-31.....	1		
Do.....	Jan. 1-31.....	1		
Mexico City.....	Nov. 16-Dec. 20.....	11		
Do.....	Feb. 15-28.....	2		
Salina Cruz.....	Feb. 1-29.....	18		
San Luis Potosi.....	Dec. 14-20.....		1	
Do.....	Jan. 18-Apr. 4.....	4	7	
Tehuantepec.....	Dec. 25-31.....	6		
Do.....	Jan. 1-Feb. 27.....	73		
Vera Cruz.....	Apr. 12-18.....	1		
Newfoundland:				
St. Johns.....	Dec. 20-26.....	3		Dec. 13-26, at outports, 6 cases.
Do.....	Dec. 27-Apr. 9.....	14		Present at 8 other localities.
				Outports, Dec. 27, 1919-Mar. 12,
				1920: Cases, 25. Present at
				other localities. Mar. 25-Apr.
				30: Present at outports.
Panama:				
Colon.....	Dec. 15-21.....	1		
Peru:				
Callao-Lima.....	Feb. 1-29.....	4		
Portugal:				
Lisbon.....	Nov. 30-Dec. 27.....		55	
Do.....	Dec. 28-Mar. 28.....		111	
Oporto.....	Dec. 7-20.....	5	5	
Do.....	Dec. 28-Jan. 3.....	1	1	
Portuguese East Africa:				
Towns—				Present in interior, in 5 districts,
Chai-Chai.....	Feb. 1-7.....	1		Nov. 9-Dec. 20, 1919, with 56
Chinde.....	Dec. 28-Jan. 25.....	21		reported cases. In interior,
Inhambane.....	Dec. 7-27.....	7		Dec. 28, 1919-Mar. 13, 1920:
Do.....	Jan. 4-Feb. 28.....	11		Present.
Lourenco Marquez.....	Nov. 23-Dec. 20.....	9		
Do.....	Feb. 15-Mar. 6.....	8		
Mozambique.....	Dec. 7-27.....	2		
Quelimane.....	do.....	4		
Do.....	Jan. 4-Feb. 28.....	12		
Tete.....	Dec. 7-27.....	1		
Roumania:				
Bucharest.....	Jan. 1-31.....	1		
Siberia:				
Vladivostok.....	Dec. 19-31.....	17	3	Aug. 1-Dec. 15, 1919: Cases, 10;
Do.....	Jan. 1-31.....	8	8	deaths, 3.
Spain:				
Barcelona.....	Nov. 6-Dec. 27.....	26		
Do.....	Dec. 8-Mar. 18.....		47	
Bilbao.....	Nov. 1-Dec. 20.....		4	
Do.....	Feb. 10-20.....	1		
Cadiz.....	Oct. 1-Nov. 30.....		6	
Madrid.....	Feb. 1-29.....		9	
Valencia.....	Nov. 10-Dec. 27.....	39	9	
Do.....	Dec. 28-Apr. 10.....	151	26	
Vigo.....	Nov. 18-Dec. 27.....	14		
Do.....	Dec. 28-Jan. 31.....	2	3	Jan. 11-17, 1920: Present in
				vicinity.
Sumatra:				
Medan.....	Oct. 1-31.....	8		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 27, 1919, to May 14, 1920—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Tunis:				
Tunis.....	Dec. 23-29.....	1		
Do.....	Jan. 19-Mar. 14.....	6	5	
Turkey:				
Constantinople.....	Nov. 9-Dec. 14.....	27		
Do.....	Feb. 18-Mar. 27.....	6	3	
Union of South Africa:				
Johannesburg.....	Oct. 1-Dec. 31.....	21		
Do.....	Jan. 1-31.....	5		
On vessel:				
S. S. Roggeveen.....		1		Vessel from Java; at Noumea, New Caledonia. Case left at Noumea. Vessel arrived at Sydney, Jan. 2, 1920.
S. S. Sarcozie.....	Dec. 23.....	1		At Ponta Delgada, Azores, from Rotterdam for New York.
S. S. Vestnorge.....	Jan. 15.....	1		Mild. At Kingston, Jamaica, from Philadelphia, via Norfolk.
S. S. Karapara.....	Feb. 1-29.....	1		At Zanzibar, from Bombay.
S. S. Roma.....	do.....	2		At Zanzibar, from Suez.

TYPHUS FEVER.

Algeria:				
Departments—				
Algiers.....	Dec. 11-31.....	2		Algiers (city), Jan. 1-31, 1920: Cases, 1; deaths, 1.
Do.....	Jan. 11-Apr. 10.....	15		
Constantine.....	Nov. 11-Dec. 31.....	2		
Do.....	Jan. 1-Apr. 10.....	25		
Oran.....	Nov. 21-Dec. 11.....	5		
Do.....	Jan. 21-Apr. 10.....	197		
South Territories.....	Mar. 21-31.....	43		
Austria:				Sept. 7, 1919-Jan. 3, 1920: Cases, 59.
Vienna.....	Sept. 7-Jan. 3.....	38		
Belgium:				
Ghent.....	Jan. 25-31.....		2	
Bolivia:				
La Paz.....	June 29-Dec. 20.....	30	31	Dec. 29, 1918-June 28, 1919: Deaths, 52.
Do.....	Jan. 4-Mar. 20.....	22	13	
Brazil:				
Ceara.....	Jan. 4-10.....	1		
Porto Alegre.....	Feb. 1-7.....		1	
Bulgaria:				
Sofia.....	Dec. 21-31.....	2	1	
Do.....	Jan. 1-Mar. 20.....	17	1	
Varna.....	Feb. 2-8.....	110		To Feb. 21: Present.
Vratsa.....	Jan. 25-31.....			Present. Also in vicinity.
Canada:				
Ontario Province.....				Dec. 1-31, 1919: One case.
Chile:				
Antofagasta.....	Nov. 17-Dec. 14.....	14		
Santiago.....				Jan. 12-Sept. 30, 1919: Cases, 5,153; deaths, 1,023. Outbreak in October, 1918.
Valparaiso.....	Nov. 9-Dec. 27.....	955	114	Dec. 1-13, 1919: Cases, 700; deaths, 18.
Do.....	Dec. 28-Mar. 13.....	235	105	
China:				
Antung.....	Nov. 3-Dec. 14.....	2		
Tientsin.....	Feb. 1-7.....	1		
Czecho-Slovakia:				
Prague.....	Dec. 21-27.....	1		
Do.....	Jan. 25-Feb. 7.....	2	1	
Egypt:				
Alexandria.....	Nov. 12-Dec. 16.....	6	1	
Do.....	Jan. 1-Mar. 25.....	143	41	
Cairo.....	Oct. 1-Dec. 23.....	113	46	
Do.....	Jan. 1-Feb. 25.....	62	24	
Port Said.....	Oct. 1-Dec. 18.....	3	1	
Do.....	Jan. 15-28.....	1	1	
Finland:				
Province—				
Viborg.....	July 16-31.....	2		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 27, 1919, to May 14, 1920—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Germany.....				Oct. 5-Dec. 6, 1919: Cases, 10—civil population, 2; military, 4; repatriated soldiers, 2. Dec. 7, 1919-Jan. 17, 1920: Cases, 73, of which 28 in civil population, including 10 Polish workmen; 45 among German troops.
Great Britain:				
Bellast.....	Dec. 28-Jan. 3.....	1	1	
Glasgow.....	Nov. 30-Dec. 6.....	2		
Greece:				
Cavalla.....	Nov. 17-Dec. 28.....	4		
Drama.....	Nov. 24-Dec. 28.....	6		
Saloniki.....	Oct. 6-Dec. 21.....		43	
Do.....	Dec. 28-Mar. 7.....	101	9	In vicinity, at Cavalla, 1 case; Prani, 1; Vertekep, 6 cases; Zagoritsani, 3.
Thassos Island.....	Dec. 22-28.....	1		
Zihna.....	do.....	1		
Hungary:				Aug. 25-Dec. 7, 1919: Cases, 36.
Budapest.....	Nov. 3-Dec. 7.....	18		
Italy:				
Brindisi.....	Dec. 22-28.....	1		
Naples.....	Jan. 19-25.....	2	1	
Trieste.....	Dec. 14-27.....	3		
Do.....	Dec. 28-Feb. 3.....	5	2	
Venice.....	Nov. 17-Dec. 21.....	6	1	
Japan:				
Nagasaki.....	Dec. 1-28.....	4	2	
Do.....	Jan. 12-Mar. 28.....	6	1	
Mexico:				
Chihuahua.....	Dec. 21-27.....	2		
Do.....	Jan. 11-17.....		1	
Mexico City.....	Nov. 16-Dec. 27.....	129		
Do.....	Dec. 28-Feb. 28.....	188		
Saltillo.....	Nov. 1-30.....	2	1	
Do.....	Mar. 28-Apr. 3.....	1		
San Luis Potosi.....	Dec. 14-27.....			Present.
Do.....	Dec. 28-Apr. 18.....			Present. Mar. 29-Apr. 4, 1920: 1 death.
Paraguay:				
Asuncion.....	Nov. 30-Dec. 6.....	1		
Peru:				
Callao.....	Nov. 1-30.....		1	Callao-Lima: Jan. 1-Feb. 29, 1920: Cases, 2.
Cerro de Pasco.....	Dec. 7-13.....	1		
Poland:				Nov. 1-30, 1919: Cases, 11,264; deaths, 642, including Province of Posen.
Galicia (Province).....	Nov. 1-30.....	5,716	616	
Warsaw.....	do.....	107	19	Oct. 1-31, 1919: Cases, 129; deaths, 12.
Portugal:				
Lisbon.....	Dec. 6-12.....		2	
Oporto.....	Dec. 21-27.....	1		
Roumania:				
Braila.....	Jan. 1-31.....	18	3	
Bucharest.....	do.....	59	7	
Constantza.....	do.....	49	7	
Galatz.....	do.....	19	3	
Russia:				Mar. 4, 1920: Reported present in nearly all Black Sea ports.
Estheria.....				Feb. 14, 1920: Cases, 7,560 to 8,000. Estimated mortality, 40 per cent.
Narva.....	Feb. 16.....	2,480		
Reval.....	do.....	2,500		
Siberia:				
Vladivostok.....	Dec. 25-31.....	23	13	Aug. 1-Dec. 15, 1919: Cases, 402; deaths, 42.
Do.....	Jan. 1-31.....	279	22	
Spain:				
Barcelona.....	Nov. 20-26.....	7		
Bilbao.....	Dec. 22-31.....		1	
Corunna.....	Nov. 24-Dec. 7.....	2		
Madrid.....	Jan. 1-31.....		1	
Tunis:				
Tunis.....	Dec. 14-20.....	1		
Do.....	Dec. 29-Mar. 27.....	12	2	
Turkey:				
Constantinople.....	Nov. 14-Dec. 27.....	49		
Do.....	Feb. 8-Mar. 27.....	122	7	Increase reported due to influx of Russian refugees.
Princes Islands.....	do.....	50		About 15 miles distant from Constantinople. In Sea of Marmora.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 27, 1919, to May 14, 1920—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Union of South Africa:				
Cape Province.....				Mar. 9, 1920: Present in 20 districts.
Districts—				Present.
Mount Frere.....	Feb. 22-28.....			Do.
Transkei.....	do.....			Mar. 9, 1920: Present in 5 districts.
Natal.....				Present.
Districts—				Do.
Camperdown.....	Feb. 22-28.....			Do.
Ixopo.....	do.....			Do.
Newcastle.....	do.....			Do.
Vryheid.....	do.....			Do.
Transvaal—				
Johannesburg.....	do.....			Present. Mining districts.

YELLOW FEVER.

Brazil:				
Bahia.....	Oct. 26-Nov. 8....	1	2	
Do.....	Feb. 29-Mar. 6....	1	1	
Mexico:				
Campeche.....	Dec. 20.....	1	2	
Merida.....	Dec. 7-27.....	4		
Do.....	Dec. 28-Mar. 20...	2		
				The cases were sent from Opi- chen, vicinity of Muna. One death in case from Muna. To- tal to Dec. 27: Cases, 47; deaths, 21.