

PUBLIC HEALTH REPORTS

VOL. 37

OCTOBER 27, 1922

No. 43

SCHOOL ABSENCE OF BOYS AND GIRLS.

A Comparison of Absence from School on Account of Sickness and from Causes Other Than Sickness Among Boys and Girls.¹

By SELWYN D. COLLINS, Assistant Statistician, United States Public Health Service.

Morbidity studies have uniformly revealed that time lost from sickness is greater among women than among men. It is the purpose of this paper to present briefly a comparison of absence from school on account of sickness for boys and girls, in order to see if the difference in respect to disability between men and women holds true between boys and girls. A comparison can also be made of absence from sickness with absence from causes other than sickness among children of different sex and age.

Data on absence from school of 6,130 children observed for a total of 669,214 child days during the school session 1919-20 in 13 localities in Missouri were published in the Public Health Reports for July 8, 1921.² Data on absence from school of 3,786 children observed for a total of 611,279 child days during the school session 1920-21, in 4 localities in Missouri, were published in the Public Health Reports for September 8, 1922.³ On the basis of these data it is proposed to make the comparisons indicated.

Although the school year 1919-20 included the rather severe influenza epidemic of February, 1920, which very appreciably increased the sickness for that year, the character of the age curves for the two years may be compared. Table I and Figures 1 and 2 compare the absence of girls and boys in each of the two years under consideration. Figure 1 compares absence of boys and girls of all ages, and Figure 2 makes the same comparison by age groups.

¹ From Field Investigations in Child Hygiene, United States Public Health Service, in cooperation with the Statistical Office, United States Public Health Service.

² Sickness Among School Children, Public Health Reports, vol. 36, No. 27, pp. 1549-1559. (Reprint, No. 674.)

³ The Relation of Physical Defects to Sickness, Public Health Reports, vol. 37, No. 36, pp. 2183-2193, Sept. 8, 1922. (Reprint No. 782.)

TABLE I.—*School absence of boys and girls.*

[Percentage of the total school days which were lost from sickness and from causes other than sickness by children in representative localities in Missouri during the school sessions 1919-20 and 1920-21 compared for boys and girls.]

School session and sex.	Age.					
	All ages.	6-7*	8-9	10-11	12-13	14-16*
SICKNESS.						
1920-21.						
Both sexes.....	3.5	4.9	3.5	3.0	2.9	2.3
Boys.....	3.3	5.0	3.2	2.8	2.8	2.3
Girls.....	3.6	4.8	3.9	3.2	3.1	2.4
1919-20.						
Both sexes.....	5.6	9.1	6.4	4.4	4.1	4.1
Boys.....	5.4	9.0	6.0	4.4	3.8	4.1
Girls.....	5.8	9.2	6.8	4.5	4.5	4.2
CAUSES OTHER THAN SICKNESS.						
1920-21.						
Both sexes.....	2.5	2.9	2.1	1.9	2.6	3.6
Boys.....	2.7	2.8	2.2	2.1	2.7	4.1
Girls.....	2.2	2.5	1.9	1.8	2.4	3.1
1919-20.						
Both sexes.....	3.0	3.4	2.6	2.7	3.1	3.3
Boys.....	3.3	3.4	2.9	2.9	3.4	4.0
Girls.....	2.7	3.3	2.3	2.5	2.7	2.6

* Data for 1919-20 session include sickness from influenza during the epidemic of February, 1920.

* Includes a few children under 6 years of age.

* Includes a few children over 16 years of age.

In practically all age groups in either of the years for which data are available, the girls were absent from school on account of sickness more than the boys. (Fig. 2, A.) The differences are not great, but they are consistent in the various age groups. Hardly enough ages are shown to determine whether the difference increases or decreases with age, but there seems to be no clear tendency either way.

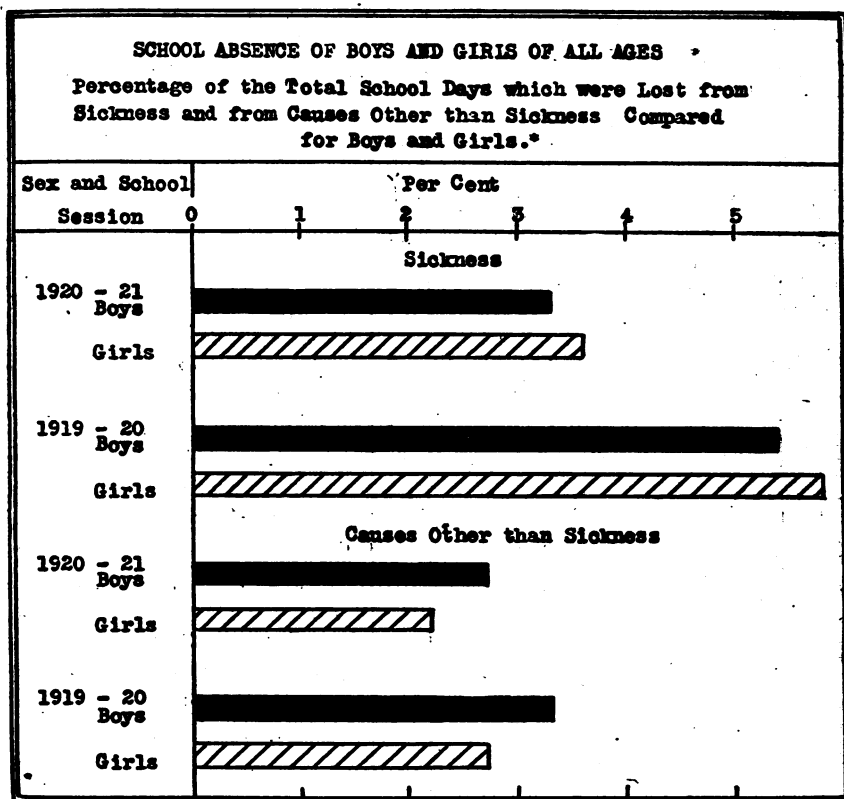
Considering all ages, the rate of absence from sickness in 1920-21 for boys was 3.3 days per 100 days enrolled, while the rate for girls was 3.6, or 9 per cent greater for girls than for boys. In the 1919-20 session the rate for girls was 7 per cent greater than that for boys.

Absence from causes other than sickness shows different variations as between the sexes and according to age from those shown by absence from sickness. (Fig. 2, C and D.) Boys were absent more than girls, and the difference seems to increase after about 10 years of age.

Considering all ages, the rate of absence from causes other than sickness was 18 per cent less for girls than for boys in each of the two years considered.

Comparing the age curves of sickness for the two school sessions (Fig. 2, B), it appears that the two curves are similar, high at 6-7

years and declining as age increases. Since the 1919-20 session included the influenza epidemic of February, 1920, the rates for this session are higher at each age and could not reasonably be combined with the rates for the 1920-21 session to get an age curve based on the experience of both school sessions. However, the fact that the age curves for the two sessions are very similar, strengthens the belief that the *relative* incidence of sickness in the various ages is fairly accurately shown by either curve.



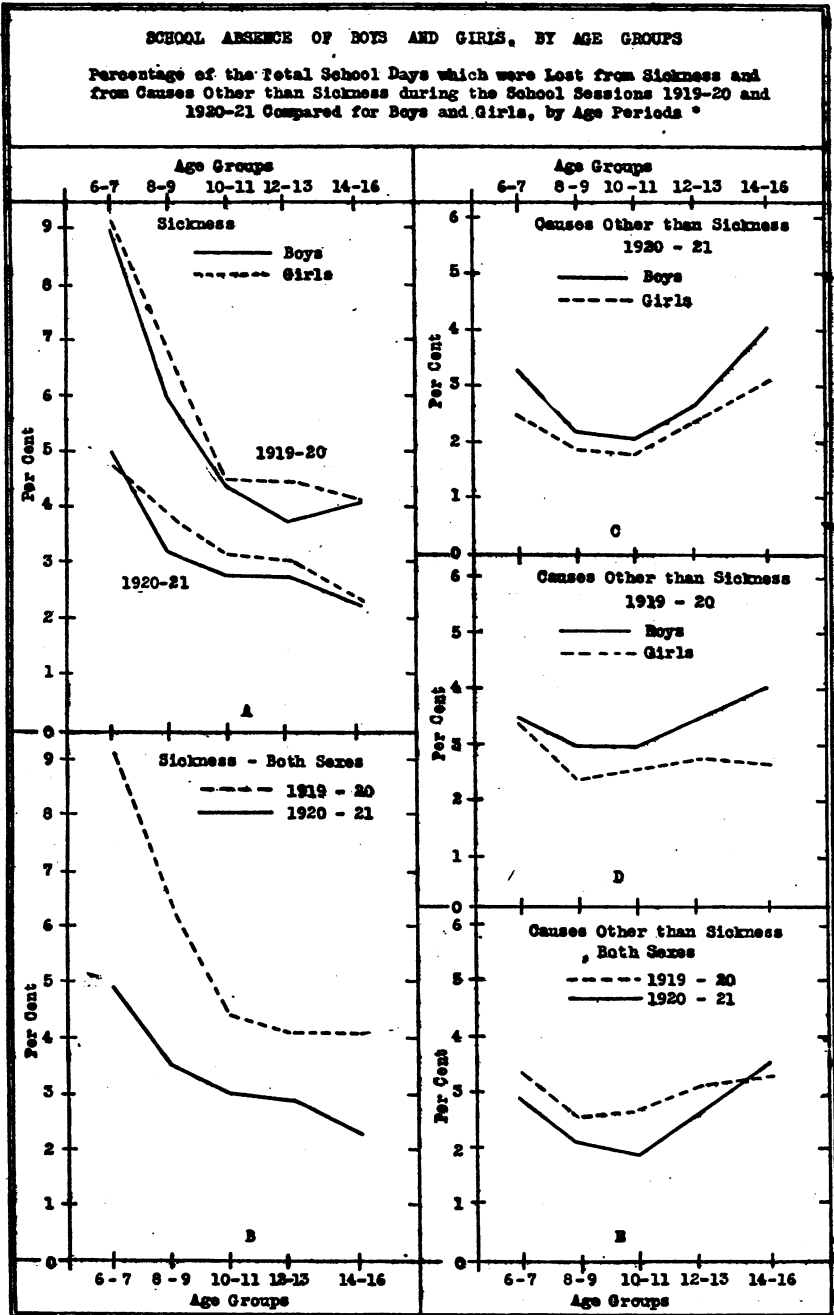
* Data for 1919-20 session include sickness from influenza during the epidemic of February, 1920.

FIG. 1.

The age curve of absence from causes other than sickness (Fig. 2, E) differs materially from the age curve of sickness (Fig. 2, B). The minimum absence from causes other than sickness comes in the middle school ages in both school sessions.

SUMMARY

1. School boys and girls were compared by age groups as to absence from sickness and from causes other than sickness on the



* Data for 1919-20 session include sickness from influenza during the epidemic of February, 1920.

FIG. 2.

basis of data collected in representative cities in Missouri in the school sessions 1919-20 and 1920-21.

2. Girls in practically every age group were absent from school on account of sickness more than boys, but boys were absent from causes other than sickness more than girls.

3. During the ages studied (6-16 years), sickness decreased with age, but absence from causes other than sickness decreased up to 10 or 11 years and then increased with age.

AN ANALYSIS OF 10,628 NEW JERSEY REPORTS OF GONORRHEA AND SYPHILIS.

By A. J. CASSELMAN, Acting Assistant Surgeon, United States Public Health Service; Consultant, Bureau of Venereal Disease Control, New Jersey State Department of Health.

More than 1 per cent of all the unmarried men between the ages of 20 and 25 are reported *each year* as infected with gonorrhea or syphilis.

Veneral diseases are reported more frequently among unmarried than among married men; but in women the proportion is reversed, married women are reported as infected more frequently than single women.

These conclusions are among the more obvious ones drawn from an analysis of more than 10,000 reports of venereal diseases received from the physicians of New Jersey by the State department of health. More than this number of reports were received during the period included in this study—August 1, 1920, to July 31, 1922—but all of the reports were excluded in which, for any reason, the nature of the disease, the age, the sex, or the marital condition of the person reported were omitted or written illegibly, and all military reports as well.

The reports received are divided as follows: ¹

	Male.		Female.		Total.
	Single.	Married.	Single.	Married.	
Gonorrhea.....	3,366	1,186	301	274	5,127
Syphilis.....	1,821	1,753	627	1,300	5,501
Total.....	5,187	2,939	928	1,574	10,628

Totals mean little in venereal disease records, for we know that many cases remain untreated or are treated but not reported by prescribing druggists; and we believe that some physicians still neglect to report their cases in spite of the efforts to convince them of the value of the law which requires them to report. But while totals

¹ The figures were compiled by the bureau of local health administration, State department of health, Trenton, N. J.

may be of little value, comparative statistics are illuminating. If we divide the reports of gonorrhea and syphilis by the number of persons of corresponding sex, age, and marital condition in the State, we may obtain a more exact knowledge of the distribution of these diseases among special groups in the population, and the menace of the spread of the diseases from one group to another.*

The proportion of gonorrheal and syphilitic infections reported in the various age groups for the single and married males and females is indicated in the accompanying cut in tenths of 1 per cent of the population.

The most salient fact indicated by this graph is that of all the unmarried males in the 20-24 age group (Fig. I), 8.4 per 1,000 are reported annually for gonorrhea and 2.5 per 1,000 for syphilis. While gonorrhea declines sharply after the third age group of the unmarried males, syphilis continues to rise until the last group is reached. The obvious explanation for this would be that gonorrhea is a disease of relatively short duration, whereas syphilis is a chronic disease, symptoms of which may appear many years after infection. Those cases of syphilis reported in the later age groups may have been infected at the same age as was the greater part of all gonorrheal cases. But this explanation can not be applied to the married males (Fig. II), for in this class both diseases show the same downward trend throughout the various age groups from some cause as yet unexplained, the reduction of gonorrhea cases being more marked than that of syphilis.

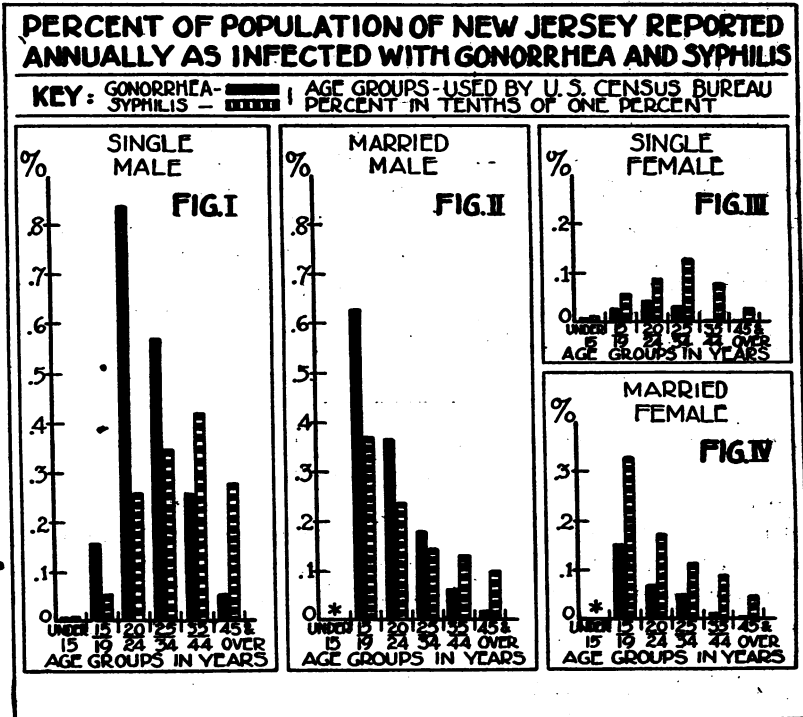
The very small number of single females reported as infected with gonorrhea (Fig. III) must be accounted for in one of three ways: Not many unmarried women are in fact infected with the disease; or physicians do not report these cases; or women infected do not generally seek treatment for the disease. The last explanation probably more nearly meets the facts. If a considerable number of unmarried

* The population distribution of New Jersey by sex, age, and marital condition as determined by the last census (1920) is made available in advance of the complete census report through the courtesy of the Director of the Census. It is divided as follows:

Number of single and married males and females in New Jersey for 1920.

Age period (years).	Males.		Females.	
	Single.	Married.	Single.	Married.
Total, all ages.....	862,078	672,837	784,309	653,672
Under 15.....	459,597	88	473,106	85
15 to 19.....	124,195	1,354	119,359	9,065
20 to 24.....	99,149	30,590	72,486	56,331
25 to 34.....	89,974	183,449	67,186	206,766
35 to 44.....	36,479	194,509	23,071	175,588
45 and over.....	82,156	262,323	39,876	194,680
Age unknown.....	530	515	335	507

women were not infected, it is difficult to account for the enormous number of infections in the male. While the woman who is promiscuous in her sex relations may be more promiscuous than the average man, this might account for a preponderance of infections in the male, but it could not account for the great difference in the number of infections that does exist. As legalized prostitution does not exist, we assume that the infections reported represent only a small proportion of the actual cases. That women fail to seek medical treatment for gonorrheal infections is acknowledged by gynecol-



curves of gonorrhea and syphilis in the single females likewise correspond in their general trend to those in the single males.

Since the ratio of venereal infections between the single and the married males is about 2 to 1 (see Figs. I-II), and this ratio is reversed among the females, one might conclude that if a man would lessen his chance of venereal infection he should marry, but if a woman would lessen hers she should not marry. This conclusion is not warranted, but this analysis does indicate that there is needed some procedure which will tend to prevent the marriage of persons suffering from a venereal disease in an infectious stage.

It may also be concluded that if venereal disease control is to be made effective, physicians must be induced to discover, whenever possible, and include in the data reported to the State department of health, the specific source of the particular infection. Without disclosing the name of the patient who is reported, the State department can turn over to the local board of health having jurisdiction the name of the person given as the source of infection. This person may then be induced by the local health officer to seek physical examination and treatment. This should prove an effective means of bringing under treatment especially those women who do not now seek treatment for gonorrheal infections.

NOTE ON COOPERATIVE RURAL HEALTH WORK IN DUBUQUE COUNTY, IOWA.

In the report of the director of health (Field Agent D. C. Steel-smith, United States Public Health Service) of Dubuque County, Iowa, for the month of August, 1922, it is noted that no deaths among infants or of children under 4 years of age were reported during that month in the registration district of Dubuque County, comprising the city of Dubuque and three rural townships. This is a remarkably good record for a summer month for a population of 40,000 almost entirely urban, between 38,000 and 39,000 being in the city and the remainder in the rural sections of the registration area. The director attributes this excellent showing principally to the improvement in the sanitary quality of the milk supply, brought about largely since the cooperative health unit was established in the county in May, 1921.

There were 29 deaths in the district during the month, giving an annual death rate of only 8.5 per 1,000 population. Seven deaths occurred in the age group 50-60; 6 deaths in the age group 60-70; and 5 deaths in the age group 70-80. Ninety-five births were reported in the district during the month, giving an annual birth rate of 27.9 per 1,000 population.

The health activities of the cooperative unit during the month included sanitary inspections, food and drug inspections, tuberculin tests of cows, child hygiene work, laboratory examinations, installations of sanitary privies, and the improvement of water supplies.

THE DEPOPULATION OF RUSSIA.

Some conception of the extent to which Russia has been depopulated in recent years is conveyed in an article on the subject appearing in the "Epidemiological Intelligence" No. 4, September, 1922, published by the health section of the League of Nations. The figures are taken from recent articles published in Russia—one by M. W. Mikhailovsky, director of the Central Statistical Office, in the third Russian census publication; the other by Dr. A. N. Syssin, of the epidemiological section of the People's Health Commissariat.

Doctor Syssin gives the official total population of Russia and all federated republics and territories as 131,546,000, distributed by administrative divisions as follows:

1. European Russia:		
(a) 42 governments.....	60,164,000	
(b) 8 autonomous territories.....	6,322,000	
2. White Russia.....	1,634,000	
3. The Ukraine (12 governments).....	26,002,000	
4. Crimea.....	762,000	
5. North Caucasus and the Don area (4 governments and 1 territory).....	6,851,000	
6. South Caucasus (4 republics).....	6,482,000	
7. Siberia (9 governments).....	9,258,000	
8. The Kirghiz Republic (6 governments).....	5,058,000	
9. The Turkestan Republic (6 territories).....	7,201,000	
10. The Far-Eastern Republic (4 districts).....	1,812,000	

The disproportion of the sexes, especially in the rural districts, is highly significant. The sex distribution is given as follows:

	Male.	Female.	Total.
Urban.....	9,788,000	10,904,000	20,692,000
Rural.....	51,241,000	59,613,000	110,854,000
Total.....	61,029,000	70,517,000	131,546,000

M. Mikhailovsky bases his study on data for European Russia, Northern Caucasus, Siberia up to the Baikal Sea, the Kirghiz Republic, and two governments of the Ukraine. He finds that in this area the population has declined from 102,793,000 in 1914 to 90,790,000 in 1920 (excluding the army, which was then estimated at 3,000,000 men), a decrease, including the army, of nearly 10 per cent. Instead of this decrease of 9,000,000 inhabitants, there would have

been an increase of about 12,000,000, it is stated, if the rate of natural increase obtaining before the war had continued.

European Russia is said to have been the principal sufferer, whereas the population has diminished only slightly in the far-away Asiatic territories. The percentages of decrease given by M. Mikhailovsky are 14 per cent for European Russia, 9 per cent for the Ukraine, 5 per cent for Northern Caucasus, 3 per cent for Siberia, and 4 per cent for the Kirghiz Republic.

It is interesting to note that of all the causes to which the depopulation of Russia is attributed, epidemic diseases were the most important in point of magnitude of losses. The decline in population is given as due to the following causes: (1) Emigration following the civil war, which is estimated as high as 2,000,000; (2) military losses in the World War, 2,500,000; (3) loss of life in the civil war estimated at not less than 1,000,000; and (4) excess mortality largely due to the great epidemics, about 3,500,000. The latter figure is stated as being probably an underestimate.

The registration of births and deaths has been very incomplete in recent years, but the rates were given for 15 governments, the data for which were considered by the Russian Central Statistical Bureau to be more or less complete. The death rate exceeded the birth rate in each case. The following are the figures given:

Birth and death rates per 1,000 population, 1920.

	Birth rate.	Death rate.	Natural decrease.
In the northwest:			
City of Petrograd.....	22.3	89.5	67.2
Cherepovetz.....	24.0	29.6	5.6
Novgorod.....	24.0	25.3	1.3
Central region:			
Tver.....	26.1	27.6	0.9
Smolensk.....	29.7	33.4	3.7
Government of Moscow.....	27.5	40.8	13.3
City of Moscow.....	21.9	46.2	24.3
Riazan.....	25.4	27.2	1.8
Orel.....	24.2	36.4	12.2
East central region:			
Kostroma.....	33.2	49.6	16.4
Ivanovo-Vosnessensk.....	32.8	46.3	13.5
Nijni-Novgorod.....	24.9	33.8	8.9
Penza.....	28.0	40.8	12.8
In the Near East:			
Viatka.....	16.2	24.1	7.9
Perm.....	19.0	28.0	7.0

The birth rate in Russia, stated to have been extremely high before the war, averaging about 45 per 1,000 population, is said to have declined by more than 40 per cent.

Regarding the causes of death, the annual report of the health department of Orel for 1921 contains the following information: In the city of Orel (63,800 population in 1920, as against 97,200 in 1913) there were 1,044 births and 3,559 deaths in 1920, a birth rate of 16.3

and a death rate of 55.8 per 1,000 population, as against a mean birth rate of 32.7 for the decennium 1905-1914 and a mean pre-war death rate of 25.4. It is stated that more than half of the deaths were due to infectious diseases, of which typhus fever accounted for 27.4 per cent, pneumonia 9.1 per cent, pulmonary tuberculosis 6.5 per cent, and dysentery 4.6 per cent. It is stated that 4.4 per cent died of starvation.

Attention is called to the fact that the census of Russia was taken in August, 1920, and that since that time a famine has occurred which overshadows all previous scourges of this kind from which the country has suffered, and the loss of lives from which is estimated in millions.

The figures available are more or less fragmentary and in some instances mere approximations, but they give an idea of the magnitude of the recent depopulation of Russia that has resulted from wars, famine, and epidemic diseases.

WHOLE-TIME COUNTY HEALTH OFFICERS, 1922.

The following directory has been compiled from data furnished by State health officers:

In the questionnaire sent for the purpose of obtaining the necessary information, a "whole-time" county health officer was defined as "one who does not engage in the practice of medicine or any other business, but devotes his whole time to official duties."

Directories of State health departments have been published annually by the Public Health Service for the years 1912 to 1922, inclusive. The directory for 1922 has been issued as Reprint No. 775, from the Public Health Reports.

Directories of city health officers have been published annually for the years 1916 to 1922, inclusive, the directory for 1922 being Reprint No. 767.

County.	Name of health officer.	Post-office address.	Official title.
Alabama:			
Baldwin.....	G. C. Mariotte, M. D.....	Bay Minette.....	County health officer.
Barbour.....	F. L. Abernathy, M. D.....	Clayton.....	Do.
Calhoun.....	G. A. Cryer, M. D.....	Anaiston.....	Do.
Colbert.....	W. T. Burkett, M. D.....	Tusculumbia.....	Do.
Dallas.....	L. T. Lee, M. D.....	Selma.....	Do.
Etowah.....	C. L. Murphree, M. D.....	Gadsden.....	Do.
Houston.....	T. E. Tucker, M. D.....	Dethan.....	Do.
Jefferson.....	J. D. Dowling, M. D.....	Birmingham.....	Do.
Lauderdale.....	W. B. Hubbard, M. D.....	Florence.....	Do.
Madison.....	C. A. Grote, M. D.....	Huntsville.....	Do.
Mobile.....	C. A. Mohr, M. D.....	Mobile.....	Do.
Montgomery.....	J. L. Bowman, M. D.....	Montgomery.....	Do.
Morgan.....	B. F. Austin, M. D.....	Decatur.....	Do.
Pike.....	W. H. Abernathy, M. D.....	Troy.....	Do.
Sumter.....	J. S. Hough, M. D.....	Livingston.....	Do.
Tuscaloosa.....	A. A. Kirk, M. D.....	Tuscaloosa.....	Do.
Talladega.....	J. H. Hill, M. D.....	Talladega.....	Do.
Walker.....	A. M. Waldrop, M. D.....	Jasper.....	Do.

County.	Name of health officer.	Post-office address.	Official title.
California:			
Los Angeles.....	J. L. Pomeroy, M. D.....	Los Angeles.....	Health officer.
San Francisco.....	Wm. C. Hassler, M. D.....	San Francisco.....	Do.
Colorado:			
Denver.....	Wm. H. Sharpley, M. D.....	Denver.....	Health commissioner.
Georgia:			
Baldwin.....	H. D. Allen, Jr., M. D.....	Milledgeville.....	Commissioner of Health.
Barrow.....	Howard E. Felton, M. D.....	Cartersville.....	Do.
Clarke.....	J. D. Applewhite, M. D.....	Athens.....	Do.
Cobb.....	R. W. Todd, M. D.....	Marietta.....	Do.
Decatur.....	J. Allen Johnston, M. D.....	Bainbridge.....	Do.
Dougherty.....	Hugo Robinson, M. D.....	Albany.....	Do.
Floyd.....	B. V. Elmore, M. D.....	Rome.....	Do.
Fulton.....	E. Lockhart.....	Atlanta.....	County health officer.
Glynn.....	R. L. DeSaussure, M. D.....	Brunswick.....	Commissioner of health.
Hall.....	B. D. Blackwelder, M. D.....	Gainesville.....	Do.
Laurens.....	O. H. Cheek, M. D.....	Dublin.....	Do.
Lowndes.....	Gordon T. Crozier, M. D.....	Valdosta.....	Do.
Mitchell.....	H. L. Akridge, M. D.....	Camilla.....	Do.
Sumter.....	B. F. Bond, M. D.....	Americus.....	Do.
Thomas.....	H. L. Pearson, M. D.....	Thomasville.....	Do.
Troup.....	C. S. Kinzer, M. D.....	Lagrange.....	Do.
Walker.....	J. H. Hammond, M. D.....	La Fayette.....	Do.
Illinois:			
Morgan.....	R. V. Brokaw, M. D.....	Jacksonville.....	Health officer.
Indiana:			
Fulton.....	A. L. Oilar, M. D.....	Rochester.....	County health commissioner.
Iowa:			
Dubuque.....	Daniel C. Steelsmith, M. D., D. P. H.	Dubuque.....	County health officer.
Kansas:			
Butler.....	F. A. Garvin, M. D.....	Augusta.....	Do.
Cherokee.....	J. C. Montgomery, M. D.....	Columbus.....	Do.
Ellis.....	H. S. Capps, M. D.....	Hays.....	Do.
Ford.....	Harold B. Wood, M. D., D. P. H.	Dodge City.....	Do.
Geary.....	C. A. Kinnaman, M. D.....	Junction City.....	Do.
Marion.....	J. J. Entz, M. D.....	Marion.....	Do.
Ottawa.....	J. A. Settle, M. D.....	Minneapolis.....	Do.
Wabauensee.....	J. M. Kemper, M. D.....	Alma.....	Do.
Kentucky:			
Bell.....	C. C. Applewhite, M. D.....	Pineville.....	Health officer.
Boyd.....	R. D. Higgins, M. D.....	Ashland.....	Do.
Daviess.....	G. W. Duvall, M. D.....	Owensboro.....	Do.
Fulton.....	J. M. Hubbard, M. D.....	Hickman.....	Do.
Harlan.....	E. C. Wilhite, M. D.....	Harlan.....	Do.
Jefferson.....	I. Lindenberg, M. D.....	Louisville.....	County health officer.
Mason.....	V. D. Guittrud, M. D., D. P. H.	Maysville.....	Health officer.
Muhlenberg.....	B. W. Smock, M. D.....	Greenville.....	Do.
Scott.....	A. Stewart, M. D.....	Georgetown.....	Do.
Louisiana: ¹			
Beauregard.....	W. M. Lipscomb, M. D.....	De Ridder.....	Director parish health unit.
Caddo.....	D. Bean, M. D.....	Shreveport.....	Do.
De Soto.....	John F. McHugh, M. D.....	Mansfield.....	Do.
Ouachita.....	John Schreiber, M. D.....	Monroe.....	Do.
Rapides.....	C. M. Abbott, M. D.....	Alexandria.....	Director of public health.
Washington.....	F. Michael Smith, M. D.....	Franklinton.....	Director parish health unit.
Maine: ²			
First.....	J. L. Pepper, M. D.....	South Portland.....	Health officer.
Second.....	E. P. Goodrich, M. D.....	Lewiston.....	Do.
Third.....	J. W. Loughlin, M. D.....	Damariscotta.....	Do.
Fourth.....	G. H. Hutchins, M. D.....	Waterville.....	Do.
Fifth.....	H. D. Worth, M. D.....	Bangor.....	Do.
Sixth.....	A. L. Smith, M. D.....	Machias.....	Do.
Seventh.....	J. F. Stevens, M. D.....	Millinocket.....	Do.
Eighth.....	H. L. Lombard, M. D.....	Presque Isle.....	Do.
Maryland:			
Allegany.....	Champ C. McCulloch, M. D.....	Cumberland.....	County health officer.
Massachusetts:			
Barnstable.....	Russel B. Sprague, M. D.....	Yarmouthport.....	Health officer and medical school inspector.
Mississippi:			
Bolivar.....	R. D. Dedwylder, M. D.....	Cleveland.....	County health officer.
Harrison.....	D. J. Williams, M. D.....	Gulfport.....	Do.
Hinds.....	H. L. Crook, M. D.....	Jackson.....	Do.
Jones.....	W. S. Cranford, M. D.....	Ellisville.....	Do.
Lee.....	J. B. Black, M. D.....	Tupelo.....	Do.
Leflore.....	C. N. D. Campbell, M. D.....	Greenwood.....	Do.
Washington.....	A. J. Ware, M. D.....	Greenville.....	Do.
Missouri:			
Cape Girardeau.....	E. E. Huber, M. D.....	Cape Girardeau.....	Deputy State commissioner of health.
Dunklin.....	F. E. Coughlin, D. P. H.....	Kennett.....	Do.
Greene.....	U. F. Kerr, M. D.....	Springfield.....	Do.

¹ Parishes.² Districts.

County.	Name of health officer.	Post-office address.	Official title.
Missouri—Contd.			
Jasper.....	H. S. Lucas, D. V. M.....	Joplin.....	Scientific assistant, U. S. P. H. S.
Monroe.....	M. F. Moss, M. D.....	Paris.....	Deputy State commissioner of health.
New Madrid.....	Wm. N. O'Bannon, M. D.....	New Madrid.....	Do.
Nodaway.....	C. P. Fryer, D. P. H.....	Maryville.....	Do.
Pettis.....	J. W. Boger, M. D.....	Sedalia.....	Do.
Polk.....	Wm. H. Pickett, C. P. H.....	Bollivar.....	Do.
St. Francois.....	Bradford Massey, M. D.....	Flat River.....	Do.
Montana:			
Cascade.....	G. A. Fuson, M. D.....	Great Falls.....	County and city health officer.
Lewis and Clark.....	Arthur Jordan, M. D.....	Helena.....	Do.
Missoula.....	F. D. Pease, M. D.....	Missoula.....	Do.
Yellowstone.....	R. C. Main, M. D.....	Billings.....	Do.
New Hampshire:			
Cooe.....	Richard H. Coombs.....	Berlin.....	Health officer.
Hillsboro.....	Howard A. Streeter, M. D.....	Manchester.....	Do.
Merrimack.....	Charles E. Palmer.....	Concord.....	Do.
New Mexico:			
Bernalillo.....	O. C. West, M. D.....	Albuquerque.....	County health officer.
Chaves.....	K. A. Bryant, M. D.....	Roswell.....	Do.
Eddy.....	W. H. Enneis, M. D.....	Carlsbad.....	Do.
San Miguel.....	M. D. Moran, M. D.....	Las Vegas.....	Do.
Santa Fe.....	D. B. Williams, M. D.....	Santa Fe.....	Do.
Union.....	C. H. Douthirt, M. D.....	Clayton.....	Do.
Valencia.....	E. B. Beaver, M. D.....	Los Lunas.....	Do.
North Carolina:			
Bertie.....	J. E. Smith, M. D.....	Windsor.....	Do.
Bladen.....	B. T. Tally, M. D.....	Elizabethtown.....	Do.
Buncombe.....	E. G. Wilson, M. D.....	Asheville.....	Do.
Cabarrus.....	S. E. Buchanan, M. D.....	Concord.....	Do.
Columbus.....	Floyd Johnson, M. D.....	Whiteville.....	Do.
Craven.....	C. H. Verner, M. D.....	New Bern.....	Do.
Cumberland.....	E. W. Larkin, M. D.....	Fayetteville.....	Do.
Davidson.....	D. B. Ferry, M. D.....	Lexington.....	Do.
Durham.....	J. H. Eppson, M. D.....	Durham.....	Do.
Edgecombe.....	R. C. Giles, M. D.....	Tarboro.....	Do.
Forsyth.....	C. N. Sisk, M. D.....	Winston-Salem.....	Do.
Granville.....	J. A. Morris, M. D.....	Oxford.....	Do.
Gulford.....	N. M. Jones, M. D.....	Greensboro.....	Do.
Halifax.....	P. C. Carter, M. D.....	Weldon.....	Do.
Lenoir.....	R. S. McGeachy, M. D.....	Kinston.....	Do.
Mecklenburg.....	W. A. McPhaul, M. D.....	Charlotte.....	Do.
New Hanover.....	J. H. Hamilton, M. D.....	Wilmington.....	Do.
Northampton.....	P. G. Parker, M. D.....	Jackson.....	Do.
Pitt.....	P. J. Chester, M. D.....	Greenville.....	Do.
Robeson.....	E. B. Hardin, M. D.....	Lumberton.....	Do.
Rowan.....	C. W. Armstrong, M. D.....	Salisbury.....	Do.
Sampson.....	E. T. Hollingsworth, M. D.....	Clinton.....	Do.
Surry.....	L. L. Williams, M. D.....	Mount Airy.....	Do.
Vance.....	B. A. Olds, M. D.....	Henderson.....	Do.
Wake.....	A. C. Bulls, M. D.....	Raleigh.....	Do.
Wayne.....	A. J. Ellington, M. D.....	Goldsboro.....	Do.
Wilkes.....	J. W. White, M. D.....	Wilkesboro.....	Do.
Wilson.....	L. J. Smith, M. D.....	Wilson.....	Do.
Ohio:			
Allen.....	J. J. Sutter, M. D.....	Lima.....	Health commissioner.
Ashtabula.....	W. S. Weiss, M. D.....	Jefferson.....	Do.
Belmont.....	F. R. Dew, M. D.....	St. Clairsville.....	Do.
Butler.....	C. J. Baldrige, M. D.....	Hamilton.....	Do.
Champaign.....	H. J. S. Dickson, M. D.....	Urbana.....	Do.
Clermont.....	F. A. Ireton, M. D.....	Batavia.....	Do.
Clinton.....	W. K. Rubie, M. D.....	Wilmington.....	Do.
Columbiana.....	S. A. McCullough, M. D.....	Lisbon.....	Do.
Coschocton.....	D. M. Criswell, M. D.....	Coschocton.....	Do.
Crawford.....	G. T. Wasson, M. D.....	Bucyrus.....	Do.
Cuyahoga.....	Robert Lockhart, M. D.....	Cleveland.....	Do.
Erie.....	F. M. Houghsaling, M. D.....	Sandusky.....	Do.
Hamilton.....	C. A. Neal, M. D.....	Cincinnati.....	Do.
Highland.....	W. G. Rhoten, M. D.....	Hillsboro.....	Do.
Hocking.....	J. H. Elias, M. D.....	Logan.....	Do.
Lake.....	Herbert Kenning, M. D.....	Painesville.....	Do.
Lorain.....	W. A. McIntosh, M. D.....	Oberlin.....	Do.
Lucas.....	Charles Koenig, M. D.....	Toledo.....	Do.
Madison.....	F. D. Postle, M. D.....	London.....	Do.
Mahoning.....	J. D. Boylan, M. D.....	Youngstown.....	Do.
Marion.....	N. Sifrit, M. D.....	Marion.....	Do.
Miami.....	A. H. Haworth, M. D.....	Troy.....	Do.
Monroe.....	W. P. Johnson, M. D.....	Woodfield.....	Do.
Montgomery.....	H. H. Pansing, M. D.....	Dayton.....	Do.
Morrow.....	R. L. Pierce, M. D.....	Mt. Gilead.....	Do.
Muskingum.....	J. M. O'Neal, M. D.....	Zanesville.....	Do.
Paulding.....	C. E. Huston, M. D.....	Paulding.....	Do.

¹ Also health officer for a city in the county.

County.	Name of health officer.	Post-office address.	Official title.
Ohio—Continued.			
Ross.....	G. E. Robbins, M. D. ¹	Chillicothe	Health commissioner.
Sandusky.....	O. H. Thomas, M. D.	Fremont	Do.
Scioto.....	R. W. DeCrown, M. D.	Sciotoville	Do.
Shelby.....	Arlington Ailes, M. D. ¹	Sidney	Do.
Stark.....	C. M. Peters, M. D.	Canton	Do.
Summit.....	D. D. Shira, M. D. ¹	Akron	Do.
Trumbull.....	H. T. Thornburgh, M. D.	Warren	Do.
Tuscarawas.....	Jos. Blickensderfer, M. D. ¹	New Philadelphia	Do.
Union.....	C. W. Hoopes, M. D.	Marysville	Do.
Washington.....	A. G. Sturgiss, M. D.	Marietta	Do.
Wayne.....	C. D. Barrett, M. D. ¹	Wooster	Do.
Wood.....	H. J. Powell, M. D. ¹	Bowling Green	Do.
Oklahoma:			
Ottawa.....	John T. Wharton, M. D.	Miami	Acting assistant surgeon, U. S. P. H. S.
South Carolina:			
Charleston.....	Leon Banov, M. D.	Charleston	Health officer.
Cherokee.....	Walter Boone, M. D.	Gaffney	Do.
Darlington.....	John James Post, M. D.	Darlington	Do.
Fairfield.....	R. G. Hamilton, M. D.	Winnboro	Do.
Greenville.....	E. O. Chimene, M. D.	Greenville	Do.
Newberry.....	E. Paul Knotts, M. D.	Newberry	Do.
South Dakota:			
Brown.....	J. H. Swafford, M. D.	Aberdeen	Do.
Tennessee:			
Davidson.....	Jno. J. Lentz, M. D.	Nashville	County health officer.
Gibson.....	E. A. Lane, M. D.	Trenton	Do.
Montgomery.....	H. C. Stewart, M. D.	Clarksville	Field director.
Roan.....	J. C. Fly, M. D.	Kingston	Do.
Williamson.....	H. L. Phillips, M. D.	Franklin	County health officer.
Texas:			
Dallam.....	L. L. Bartlett, M. D.	Dalhart	Do.
Dallas.....	Wm. Hale, M. D.	Dallas	Do.
Hidalgo.....	H. Garst, M. D.	Pharr	Do.
Jefferson.....	J. D. Blevins, M. D.	Beaumont	Do.
Tarrant.....	Frank P. Smith, M. D.	Fort Worth	Do.
Vermont:¹			
First.....	W. J. Howard, M. D.	St. Albans	District health officer.
Second.....	W. T. Slayton, M. D.	Morrisville	Do.
Third.....	V. F. Genge, M. D.	St. Johnsbury	Do.
Fourth.....	C. W. Many, M. D.	Burlington	Do.
Fifth.....	C. H. Burr, M. D.	Montpelier	Do.
Sixth.....	G. F. Edmunds, M. D.	Bristol	Do.
Seventh.....	B. D. Colby, M. D.	Rutland	Do.
Eighth.....	C. W. Kidder, M. D.	Woodstock	Do.
Ninth.....	H. W. Elliot, M. D.	Manchester	Do.
Tenth.....	C. S. Leach, M. D.	Brattleboro	Do.
Virginia:			
Albemarle.....	William S. Keister, M. D.	Charlottesville	County health officer.
Arlington.....	J. W. Cox, M. D.	Clarendon	Do.
Augusta.....	Harry M. Wallace, M. D.	Staunton	Do.
Fairfax.....	William P. Caton, M. D.	Fairfax	Do.
Fauquier.....	Thomas J. Robinson	Warrenton	County field director.
Halifax.....	Kolbe Curtice	South Boston	County health officer.
Norfolk.....	T. A. Mann, M. D.	Portsmouth	Do.
Wise.....	William R. Culbertson, M. D.	Norton	Do.
Washington:			
Chelan.....	E. L. Botts, M. D.	Wenatchee	Do.
Grays Harbor.....	Raymond J. Cary, M. D.	Elma	Do.
King.....	Geo. H. T. Sparling, M. D.	Seattle	Do.
Spokane.....	T. C. Barnhart, M. D.	Spokane	Do.
Yakima.....	H. H. Smith, M. D.	Yakima	Do.
West Virginia:			
Logan.....	W. M. Dickerson, M. D.	Logan	Do.
Mingo.....	R. J. Malott, M. D.	Williamson	Do.

¹ Also health officer for a city in the county.² Districts.

DEATHS DURING WEEK ENDED OCTOBER 14, 1922.

Summary of information received by telegraph from industrial insurance companies for week ended October 14, 1922, and corresponding week 1921. (From the Weekly Health Index, October 17, 1922, issued by the Bureau of the Census, Department of Commerce.)

	Week ended Oct. 14, 1922.	Corresponding week, 1921.
Policies in force.....	50, 824, 469	47, 875, 785
Number of death claims.....	6, 897	6, 833
Death claims per 1,000 policies in force, annual rate.....	7.1	7.4

Deaths from all causes in certain large cities of the United States during the week ended October 14, 1922, infant mortality, annual death rate, and comparison with corresponding week of 1921. (From the Weekly Health Index, October 17, 1922, issued by the Bureau of the Census, Department of Commerce.)

City.	Estimated population July 1, 1922.	Week ended Oct. 14, 1922.		Annual death rate per 1,000, corresponding week 1921.	Deaths under 1 year.		Infant mortality rate, week ended Oct. 14, 1922. ³
		Total deaths.	Death rate. ¹		Week ended Oct. 14, 1922.	Corresponding week 1921.	
Total.....	27,946,672	5,824	10.9	11.1	843	865	.....
Akron, Ohio.....	* 208,425	29	7.3	6.4	5	5	53
Albany, N. Y.....	116,223	31	13.9	11.8	3	3	67
Atlanta, Ga.....	220,047	79	18.7	12.6	11	2	.....
Baltimore, Md.....	762,222	172	11.8	13.6	30	40	84
Birmingham, Ala.....	191,017	43	11.7	15.4	5	7	.....
Boston, Mass.....	764,017	192	13.1	12.6	37	22	99
Bridgeport, Conn.....	* 143,555	20	7.3	7.3	3	3	37
Buffalo, N. Y.....	528,108	123	12.1	11.4	22	15	87
Cambridge, Mass.....	110,944	30	14.1	10.4	8	4	146
Camden, N. J.....	121,915	28	12.0	12.9	6	8	92
Chicago, Ill.....	2,833,288	505	9.3	10.6	71	85	.....
Cincinnati, Ohio.....	404,805	91	11.7	12.5	10	11	67
Cleveland, Ohio.....	854,565	154	9.4	10.1	41	25	106
Columbus, Ohio.....	253,455	70	14.4	15.7	6	9	63
Dallas, Tex.....	171,974	54	16.4	12.6	8	6	.....
Dayton, Ohio.....	161,824	20	6.4	11.9	1	8	17
Denver, Colo.....	267,591	84	16.4	12.7	19	6	.....
Detroit, Mich.....	* 993,678	266	10.8	9.0	57	44	110
Fall River, Mass.....	120,790	31	13.4	10.8	7	9	95
Fort Worth, Tex.....	114,717	24	10.9	.....	0	.....	.....
Grand Rapids, Mich.....	148,672	43	12.9	14.8	8	10	135
Houston, Tex.....	150,087	39	13.5	14.5	3	1	.....
Indianapolis, Ind.....	323,257	61	9.5	12.2	9	15	60
Jersey City, N. J.....	305,911	74	12.6	9.3	12	7	78
Kansas City, Kans.....	113,801	21	9.6	17.1	3	4	68
Kansas City, Mo.....	242,986	82	12.4	17.7	10	21	.....
Los Angeles, Calif.....	634,966	162	13.3	12.5	16	15	69
Louisville, Ky.....	250,677	68	13.8	17.9	11	11	119
Lowell, Mass.....	114,429	35	16.0	7.8	8	2	135
Memphis, Tenn.....	167,882	45	14.0	14.2	4	2	.....
Milwaukee, Wis.....	476,603	86	9.4	10.5	17	24	88
Minneapolis, Minn.....	400,970	70	9.1	11.0	7	8	38
Nashville, Tenn.....	122,892	24	10.2	15.0	1	4	.....
New Bedford, Mass.....	127,542	40	16.4	11.7	13	11	186
New Haven, Conn.....	160,987	26	8.0	10.3	1	6	12
New Orleans, La.....	389,616	121	15.8	16.6	18	19	.....
New York, N. Y.....	5,839,746	1,085	9.7	9.2	141	154	55
Newark, N. J.....	431,792	87	10.5	8.8	20	14	89
Norfolk, Va.....	124,915	20	8.3	9.9	6	6	106
Oakland, Calif.....	233,279	44	9.8	9.0	5	5	63
Omaha, Nebr.....	200,739	52	13.6	16.9	2	10	22
Paterson, N. J.....	138,521	24	9.0	12.9	2	8	31
Philadelphia, Pa.....	1,894,609	378	10.4	10.8	54	60	64
Pittsburgh, Pa.....	607,902	146	12.5	10.8	20	20	64
Portland, Oreg.....	269,240	50	9.7	12.4	6	5	50
Providence, R. I.....	241,011	37	12.3	12.2	10	10	79
Richmond, Va.....	178,365	44	12.9	14.5	5	9	61
Rochester, N. Y.....	311,546	70	11.7	11.4	5	9	38
St. Louis, Mo.....	795,008	156	10.2	10.9	12	13	.....
St. Paul, Minn.....	226,836	45	9.8	10.1	3	6	25
Salt Lake City, Utah.....	123,918	31	13.0	10.7	3	5	45
San Antonio, Tex.....	178,056	40	11.7	.....	8	.....	.....
San Francisco, Calif.....	529,792	124	12.2	9.4	7	3	40
Seattle, Wash.....	* 315,312	50	8.3	7.6	2	3	17
Spokane, Wash.....	104,445	26	13.0	14.0	4	1	85
Springfield, Mass.....	140,052	30	11.2	10.7	3	3	45
Syracuse, N. Y.....	181,012	48	13.8	10.6	13	9	186
Toledo, Ohio.....	260,717	47	9.4	12.7	7	6	68
Trenton, N. J.....	125,075	34	14.2	17.0	3	8	46
Washington, D. C.....	* 437,571	89	10.6	12.9	9	10	52
Worcester, Mass.....	188,449	31	8.6	15.5	4	11	43
Yonkers, N. Y.....	105,422	13	6.4	6.6	1	2	21
Youngstown, Ohio.....	144,970	30	10.8	11.2	6	6	79

¹ Annual rate per 1,000 population.

² Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1921. Cities left blank are not in the registration area for births.

³ Enumerated population Jan. 1, 1920.

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.

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

Reports for Week Ended October 21, 1922.

ARKANSAS.		CONNECTICUT.	
	Cases.		Cases.
Chicken pox.....	7	Cerebrospinal meningitis.....	1
Dengue.....	29	Chicken pox.....	43
Diphtheria.....	25	Diphtheria.....	66
Hookworm disease.....	1	Dysentery.....	1
Influenza.....	12	German measles.....	1
Malaria.....	78	Influenza.....	5
Pellagra.....	9	Malaria.....	1
Scarlet fever.....	6	Measles.....	55
Trachoma.....	1	Mumps.....	8
Tuberculosis.....	18	Paratyphoid fever.....	1
Typhoid fever.....	10	Pneumonia (lobar).....	13
Whooping cough.....	2	Poliomyelitis.....	1
		Scarlet fever.....	43
		Tuberculosis.....	26
		Typhoid fever.....	6
		Whooping cough.....	30
CALIFORNIA.		FLORIDA.	
Cerebrospinal meningitis:		Dengue.....	319
Burbank.....	1	Diphtheria.....	19
San Francisco.....	1	Influenza.....	2
Dengue.....	1	Malaria.....	32
Diphtheria.....	181	Ophthalmia neonatorum.....	1
Influenza.....	16	Pneumonia.....	4
Measles.....	17	Poliomyelitis.....	1
Scarlet fever.....	111	Scarlet fever.....	1
Smallpox.....	5	Smallpox.....	7
Typhoid fever.....	22	Trachoma.....	12
		Typhoid fever.....	4
COLORADO.		GEORGIA.	
(Exclusive of Denver.)		Chicken pox.....	3
Chicken pox.....	2	Dengue.....	260
Diphtheria.....	17	Diphtheria.....	63
Mumps.....	1	Hookworm disease.....	15
Pneumonia.....	4	Influenza.....	20
Scarlet fever.....	25		
Septic sore throat.....	1		
Tuberculosis.....	23		
Typhoid fever.....	17		

GEORGIA—continued.

	Cases.
Malaria.....	28
Measles.....	1
Mumps.....	1
Paratyphoid fever.....	3
Pneumonia.....	4
Scarlet fever.....	14
Septic sore throat.....	1
Smallpox.....	1
Tuberculosis (pulmonary).....	11
Typhoid fever.....	6
Whooping cough.....	6

ILLINOIS.

Cerebrospinal meningitis—La Salle County.....	1
Diphtheria:	
Coles County.....	11
Cook County (including Chicago).....	189
Chicago.....	166
Jersey County.....	8
Kane County.....	15
Madison County.....	8
Morgan County.....	9
Saline County.....	13
Scattering.....	146
Influenza.....	9
Pneumonia.....	173
Polioomyelitis—Chicago.....	5
Scarlet fever:	
Cook County (including Chicago).....	93
Chicago.....	78
La Salle County.....	9
McLean County.....	11
Peoria County.....	24
Williamson County.....	8
Scattering.....	124
Smallpox.....	8
Typhoid fever:	
Cook County (including Chicago).....	10
Chicago.....	7
Scattering.....	34
Whooping cough.....	72

INDIANA.

Diphtheria.....	185
Scarlet fever.....	109
Smallpox.....	3
Typhoid fever.....	15

IOWA.

Diphtheria.....	154
Scarlet fever.....	101
Typhoid fever.....	2

KANSAS.

Chicken pox.....	16
Diphtheria.....	137
Influenza.....	1
Measles.....	5
Mumps.....	5
Pneumonia.....	12
Scarlet fever.....	99
Smallpox.....	2
Tuberculosis.....	13
Typhoid fever.....	22
Whooping cough.....	15

¹ Week ended Friday.

LOUISIANA.

	Cases.
Dengue.....	630
Diphtheria.....	35
Influenza.....	7
Malaria.....	30
Scarlet fever.....	7
Smallpox.....	7
Typhoid fever.....	6

MARYLAND.¹

Chicken pox.....	19
Dengue.....	1
Diphtheria.....	90
Dysentery.....	6
German measles.....	2
Impetigo contagiosa.....	8
Influenza.....	16
Lethargic encephalitis.....	2
Malaria.....	9
Measles.....	25
Mumps.....	12
Paratyphoid fever.....	3
Pneumonia (all forms).....	44
Scarlet fever.....	46
Smallpox.....	2
Tuberculosis.....	47
Typhoid fever.....	55
Whooping cough.....	45

MASSACHUSETTS.

Cerebrospinal meningitis.....	1
Chicken pox.....	60
Conjunctivitis (suppurative).....	6
Diphtheria.....	226
German measles.....	2
Influenza.....	3
Lethargic encephalitis.....	2
Measles.....	139
Mumps.....	39
Ophthalmia neonatorum.....	12
Pellagra.....	1
Pneumonia (lobar).....	49
Polioomyelitis.....	6
Scarlet fever.....	112
Septic sore throat.....	2
Tetanus.....	3
Tuberculosis (all forms).....	124
Typhoid fever.....	12
Whooping cough.....	161

MICHIGAN.

Diphtheria.....	275
Measles.....	13
Pneumonia.....	71
Scarlet fever.....	243
Smallpox.....	7
Tuberculosis.....	249
Typhoid fever.....	29
Whooping cough.....	76

MINNESOTA.

Chicken pox.....	12
Diphtheria.....	132
Influenza.....	2
Lethargic encephalitis.....	1
Measles.....	5

MINNESOTA—continued.

	Cases.
Pneumonia.....	4
Poliomyelitis.....	3
Scarlet fever.....	199
Smallpox.....	5
Tuberculosis.....	111
Typhoid fever.....	14
Whooping cough.....	6

MISSISSIPPI.

Dengue.....	294
Diphtheria.....	84
Scarlet fever.....	7
Typhoid fever.....	13

MONTANA.

Diphtheria.....	6
Scarlet fever.....	12
Smallpox.....	27
Typhoid fever.....	6

NEBRASKA.

Chicken pox.....	5
Diphtheria:	
Nemaha County.....	25
Scattering.....	17
German measles.....	1
Influenza.....	2
Mumps.....	6
Poliomyelitis—Johnson County.....	1
Scarlet fever.....	25
Smallpox.....	3
Tuberculosis.....	2
Typhoid fever.....	4
Whooping cough.....	1

NEW JERSEY.

Chicken pox.....	63
Diphtheria.....	262
Influenza.....	10
Malaria.....	2
Measles.....	55
Pneumonia.....	45
Poliomyelitis.....	4
Scarlet fever.....	79
Smallpox.....	1
Trachoma.....	2
Typhoid fever.....	25
Whooping cough.....	110

NEW MEXICO.

Chicken pox.....	1
Diphtheria:	
Albuquerque.....	8
Scattering.....	23
Measles.....	1
Scarlet fever.....	11
Trachoma.....	2
Tuberculosis.....	14
Typhoid fever.....	11

NEW YORK.

(Exclusive of New York City.)

Diphtheria.....	210
Influenza.....	17
Lethargic encephalitis.....	5
Measles.....	63
Pneumonia.....	116

NEW YORK—continued.

	Cases.
Poliomyelitis.....	11
Scarlet fever.....	175
Smallpox.....	5
Typhoid fever.....	46
Whooping cough.....	166

NORTH CAROLINA.

Chicken pox.....	59
Diphtheria.....	424
German measles.....	8
Measles.....	89
Scarlet fever.....	149
Septic sore throat.....	23
Smallpox.....	9
Typhoid fever.....	23
Whooping cough.....	87

NORTH DAKOTA.

Cerebrospinal meningitis.....	2
Chicken pox.....	3
Diphtheria.....	22
Pneumonia.....	3
Scarlet fever.....	11
Smallpox.....	2
Trachoma.....	2
Tuberculosis.....	1
Typhoid fever.....	8
Whooping cough.....	5

OREGON.

Chicken pox.....	7
Diphtheria.....	13
Measles.....	1
Pneumonia.....	4
Poliomyelitis.....	1
Scarlet fever.....	5
Smallpox—Portland.....	10
Tuberculosis.....	6
Typhoid fever.....	14

SOUTH DAKOTA.

Chicken pox.....	1
Diphtheria.....	16
Measles.....	3
Pneumonia.....	6
Scarlet fever.....	38
Smallpox.....	0
Tuberculosis.....	3
Typhoid fever.....	8
Whooping cough.....	2

TEXAS.

Dengue.....	301
Diphtheria.....	25
Pneumonia.....	10
Scarlet fever.....	6
Smallpox.....	1
Typhoid fever.....	13

VERMONT.

Chicken pox.....	12
Diphtheria.....	19
Measles.....	2
Scarlet fever.....	16
Typhoid fever.....	1
Whooping cough.....	30

WASHINGTON.

	Cases.
Cerebrospinal meningitis—Seattle.....	1
Chicken pox.....	18
Diphtheria.....	22
Measles.....	5
Mumps.....	9
Scarlet fever.....	26
Smallpox.....	4
Tuberculosis.....	24
Typhoid fever:	
Pullman.....	18
Scattering.....	23
Whooping cough.....	21
Diphtheria:	
Charleston.....	8
Scattering.....	27
Scarlet fever.....	27
Typhoid fever.....	11
Milwaukee:	
Chicken pox.....	9
Diphtheria.....	15

WEST VIRGINIA.

WISCONSIN.

WISCONSIN—continued.

Milwaukee—Continued.	Cases.
Measles.....	205
Pneumonia.....	6
Scarlet fever.....	26
Tuberculosis.....	18
Typhoid fever.....	3
Whooping cough.....	16
Scattering:	
Cerebrospinal meningitis.....	1
Chicken pox.....	45
Diphtheria.....	59
Influenza.....	8
Measles.....	75
Pneumonia.....	7
Poliomyelitis.....	2
Scarlet fever.....	90
Smallpox.....	14
Trachoma.....	1
Tuberculosis.....	49
Typhoid fever.....	4
Whooping cough.....	56

Reports for Week Ended October 14, 1922.

ALABAMA.

	Cases.
Dengue.....	133
Diphtheria.....	57
Malaria.....	26
Pellagra.....	2
Scarlet fever.....	21
Tuberculosis.....	27
Typhoid fever.....	8

CALIFORNIA.

Cerebrospinal meningitis:	
Long Beach.....	1
San Francisco.....	1
Santa Barbara County.....	1
Diphtheria.....	141
Influenza.....	17
Jaundice—Los Angeles.....	3
Lethargic encephalitis—San Francisco.....	1
Measles.....	13
Poliomyelitis:	
Fresno County.....	1
Red Bluff.....	1
Rabies in man—Los Angeles.....	1
Scarlet fever.....	86
Smallpox.....	2
Typhoid fever.....	17

DELAWARE.

Chicken pox.....	1
Diphtheria.....	8
Malaria.....	6
Measles.....	2
Pneumonia.....	2
Scarlet fever.....	10
Tuberculosis.....	4
Typhoid fever.....	1
Whooping cough.....	1

DISTRICT OF COLUMBIA.

	Cases.
Chicken pox.....	2
Diphtheria.....	11
Influenza.....	1
Lethargic encephalitis.....	1
Scarlet fever.....	16
Tuberculosis.....	22
Typhoid fever.....	7
Whooping cough.....	14

INDIANA.

Diphtheria.....	202
Poliomyelitis—Shelby County.....	1
Rabies in animals—Marion County.....	1
Scarlet fever.....	101
Smallpox.....	5
Typhoid fever.....	23

KENTUCKY.

Cerebrospinal meningitis:	
Carlisle County.....	1
Clark County.....	1
Chicken pox.....	1
Diphtheria:	
Jefferson County.....	22
Mercer County.....	8
Nicholas County.....	12
Scattering.....	36
Influenza.....	4
Measles.....	2
Mumps.....	1
Pneumonia.....	18
Scarlet fever.....	22
Trachoma.....	9
Tuberculosis:	
Davies County.....	2
Jefferson County.....	21

KENTUCKY—continued.		MINNESOTA—continued.	
	Cases.		Cases.
Typhoid fever	22	Typhoid fever	11
Whooping cough	4	Whooping cough	8
MAINE.		MISSISSIPPI.	
Chicken pox	3	Cerebrospinal meningitis	1
Diphtheria	19	Dengue	153
Influenza	2	Diphtheria	68
Pneumonia	3	Scarlet fever	14
Scarlet fever	27	Typhoid fever	16
Tuberculosis	5	MISSOURI.	
Typhoid fever	8	Chicken pox	3
MINNESOTA.		Diphtheria	38
Chicken pox	4	Epidemic sore throat	5
Diphtheria	144	Scarlet fever	15
Measles	6	Trachoma	15
Pneumonia	7	Typhoid fever	5
Scarlet fever	159	Whooping cough	5
Smallpox	4	WYOMING.	
Tuberculosis	79	Smallpox	1
		Typhoid fever	1
		Whooping cough	1

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week:

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Pellomycetis.	Scarlet fever.	Smallpox.	Typhoid fever.
<i>September, 1922.</i>										
Arkansas	1	61	9	617	7	25	.....	26	3	80
Minnesota	4	370	1	.....	17	.....	10	404	37	57
New York	21	916	54	78	259	.....	181	643	54	309
Rhode Island	1	62	1	.....	23	.....	14	20	.....	13
West Virginia	2	281	27	.....	19	.....	1	201	14	204

RECIPROCAL NOTIFICATION.

Connecticut and Minnesota—September, 1922.

Cases of communicable diseases referred during September, 1922, to other State health departments by departments of health of the States of Connecticut and Minnesota.

CONNECTICUT.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Paratyphoid fever: Stamford	State Department of Health, Albany, N. Y.	Patient camped 3 weeks prior to onset at Huntington, L. I.
Pellomycetis: Redding	State Department of Public Health, Boston, Mass.	Patient had spent summer at camp at Lovell, Me. Taken ill within 2 weeks after arrival home.
Scarlet fever: Mystic	State Board of Health, Providence, R. I.	Onset of disease 10 days after attending fair at Ashaway, R. I. Sister of case, after exposure, went to Ashaway, R. I.
Hartford	State Board of Health, Trenton, N. J.	Case came to Hartford Sept. 1, being taken ill 5 days later. Home was in Perth Amboy, N. J.
Tuberculosis (pulmonary): New Haven	do	Active case left New Haven, going to Hackensack, N. J.
Norwalk	do	Case recently came from Newark, N. J.
Brooklyn	State Board of Health, Concord, N. H.	Patient came to Brooklyn in May from Tilton, N. H.
New Britain	State Department of Public Health, Boston, Mass.	Active case left New Britain, Conn., going to Brockton, Mass.

Cases of communicable diseases referred during September, 1922, to other State health departments by departments of health of the States of Connecticut and Minnesota—Con.

CONNECTICUT—Continued.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Tuberculosis (pulmonary)—Continued.		
New Britain.....	State Board of Health, Madison, Wis.	Case with active lesion left New Britain, Conn., going to Laona, Wis.
New Haven.....	State Board of Health, Trenton, N. J.	War veteran was released from hospital at New Haven to go to Plainfield, N. J.
Madison.....	State Board of Health, Harrisburg, Pa.	Case diagnosed while in Madison, Conn. Home is in Scranton, Pa.
Do.....	State Department of Health, Albany, N. Y.	Case was taken to Saranac, N. Y.
Norwich.....	do.....	Patient left sanitarium at Norwich, Conn., going to New York City.
Preston.....	do.....	Active case left Preston, Conn., going to Brooklyn, N. Y.
Do.....	do.....	Case went to New York City.
Do.....	do.....	Case went from State hospital to New York City.
Typhoid fever:		
Danbury.....	do.....	Typhoid case was on watershed of Stamford, Conn., water supply in town of Lewisboro, N. Y.
Stamford.....	do.....	Patient had visited in Port Chester, N. Y., 2 weeks prior to onset.
Greenwich.....	do.....	Typhoid case from Port Chester, N. Y., was admitted to Greenwich Hospital for treatment.
Stamford.....	do.....	Case had visited for 3 weeks prior to onset at Glencove, L. I.
Do.....	do.....	Patient living in New York City was admitted to Stamford Sanitarium.
Westport.....	do.....	Case had visited prior to onset at Shelton Island, N. Y.

MINNESOTA.

Diphtheria:		
Minneapolis, Hennepin County.	Waterloo Township, Allamakee County, Iowa.	Nose and throat cultures sent in by Dr. J. W. Helland, Spring Grove, Minn., showed diphtheria bacilli Sept. 24, 1922.
Tuberculosis:		
Minneapolis, Hennepin County.	Chicago, Cook County, Ill...	Registered case of pulmonary tuberculosis moved from home in Minneapolis to Chicago.
Do.....	Fargo, Cass County, N. Dak.; Livingston, Park County, Mont.; Arlington, Kingsbury County, S. Dak.; Waubay, Day County, S. Dak.	4 cases reported by Minneapolis Health Department on August list of tuberculosis cases. Stage of disease no given.
Do.....	White Fish, Flathead County, Mont.	Moved to White Fish, Mont.
Mayo Clinic, Rochester, Olmstead County.	Spencer, McCook County, S. Dak.; Gay, Keweenaw County, Mich.; Fort Wayne, Allen County, Ind.; Amarillo, Potter County, Tex.; Freeman, Turner County, S. Dak.; Ralston, Carroll County, Iowa; Omaha, Douglas County, Nebr.; El Paso, El Paso County, Tex.; Houston, Harris County, Tex.; Lovilia, Monroe County, Iowa; Cobden, Union County, Ill.; Brandt, Deuel County, S. Dak.; Cottonwood, Yavapai County, Ariz.; Wolf Point, Roosevelt County, Mont.; Rock Spring, Sweetwater County, Wyo.; Eldridge, Scott County, Iowa; Oklahoma, Oklahoma County, Okla.; Muskogee, Muskogee County, Okla.; Sismawa, Grant County, Wis.; Tomah, Monroe County, Wis.; Sioux Rapids, Buena Vista County, Iowa.	10 advanced cases, 8 moderately advanced cases, 1 incipient case, 1 apparently arrested case, 1 case stage of disease not given.

Cases of communicable diseases referred during September, 1922, to other State health departments by departments of health of the States of Connecticut and Minnesota—Con.

MINNESOTA—Continued.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Tuberculosis—Continued. U. S. Veterans' Hospital No. 65.	Chinook, Blaine Co., Mont..	Arrested case discharged Aug. 7, 1922.
	Leeds, Iowa.....	Active case left hospital against medical advice Aug. 8, 1922.
	Northwood, Grand Forks County, N. Dak.	Left hospital Aug. 25, 1922, stage undetermined.
	Prescott, Yavapai County, Ariz.	Active case transferred.
	Waukasha, Waukasha County, Wis.	2 inactive cases transferred.
	Hetland, Kingsbury County, S. Dak.	Active case discharged Aug. 17, 1922.
	Rapid City, Pennington County, S. Dak.	Inactive case discharged Aug. 10 1922.
	Huron, Beadle County, S. Dak.	Active case discharged Aug. 9, 1922.
	Hudson, St. Croix County, Wis.	Released from sanitarium Aug. 29, 1922, to go home. Stage of disease not given.
	Jamestown, Stutsman County, N. Dak.	Incipient case discharged from sanitarium to go home August, 1922.
Pokagama Sanitarium, Pine County. Do.....		

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922.

ANTHRAX.

City.	Cases.	Deaths.
Pennsylvania: Philadelphia.....	2	.....

CEREBROSPINAL MENINGITIS.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1921, inclusive. In instances in which data for the full seven years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Oct. 7, 1922.		City.	Median for pre- vious years.	Week ended Oct. 7, 1922.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				New Jersey:			
Birmingham.....	0	.....	1	Montclair.....	0	1	.....
Georgia:				New York:			
Atlanta.....	0	.....	1	Buffalo.....	0	1	.....
Illinois:				New York.....	3	3	.....
Chicago.....	3	2	1	Niagara Falls.....	0	1	1
Indiana:				North Carolina:			
Indianapolis.....	0	1	1	Raleigh.....	0	.....	1
Massachusetts:				Ohio:			
Fall River.....	0	1	.....	Cleveland.....	0	2	2
Michigan:				Zanesville.....	0	.....	1
Detroit.....	1	2	.....	Tennessee:			
Missouri:				Memphis.....	0	.....	1
St. Louis.....	0	2	1	West Virginia:			
				Huntington.....	0	.....	1

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

DENGUE.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Louisiana:		
Mobile.....	4	.....	New Orleans.....	72	.....
Georgia:			South Carolina:		
Albany.....	8	.....	Charleston.....	354	.....
Macon.....	1,000	.....	Texas:		
			Galveston.....	4	.....

DIPHTHERIA.

See p. 2711; also Current State summaries, p. 2698; and Monthly summaries by States, p. 2702.

INFLUENZA.

City.	Cases.		Deaths, week ended Oct. 7, 1922.	City.	Cases.		Deaths, week ended Oct. 7, 1922.
	Week ended Oct. 8, 1921.	Week ended Oct. 7, 1922.			Week ended Oct. 8, 1921.	Week ended Oct. 7, 1922.	
Arkansas:				Michigan:			
Little Rock.....		3	.....	Detroit.....		2	1
California:				Missouri:			
Los Angeles.....	1	2	.....	Cape Girardeau.....	1	.....	.....
San Francisco.....	3	1	.....	Kansas City.....	1	.....	.....
Connecticut:				St. Joseph.....	1	.....	.....
New Britain.....	3	.....	.....	New Jersey:			
Florida:				Newark.....	1	5	.....
Tampa.....	1	.....	.....	Passaic.....	.....	.....	1
Georgia:				West New York.....	.....	.....	1
Atlanta.....	1	.....	.....	New York:			
Illinois:				Albany.....	.....	1	.....
Champaign.....	.....	1	.....	New York.....	20	18	2
Chicago.....	12	8	.....	Ohio:			
Kansas:				Cleveland.....	.....	1	.....
Wichita.....	.....	1	.....	Hamilton.....	2	.....	.....
Kentucky:				Pennsylvania:			
Covington.....	1	.....	.....	Philadelphia.....	.....	2	1
Louisiana:				Rhode Island:			
Baton Rouge.....	1	.....	.....	Providence.....	.....	2	1
New Orleans.....	.....	3	.....	Tennessee:			
Maryland:				Memphis.....	.....	.....	1
Baltimore.....	1	5	.....	Virginia:			
Frederick.....	.....	1	.....	Petersburg.....	.....	.....	1
Massachusetts:				Wisconsin:			
Boston.....	.....	1	.....	Kenosha.....	.....	1	.....
Greenfield.....	.....	2	.....				
Haverhill.....	2	.....	.....				
Lowell.....	.....	1	.....				
Lynn.....	1	.....	.....				

LEPROSY.

City.	Cases.	Deaths.
Connecticut:		
New Haven.....	1	.....

LETHARGIC ENCEPHALITIS.

City.	Cases.	Deaths.
Washington:		
Seattle.....	1	.....

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

MALARIA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Missouri:		
Birmingham.....	1		St. Joseph.....		1
Arkansas:			New York:		
Little Rock.....	2		New York.....	5	
California:			Newburgh.....	1	
Los Angeles.....	1		North Carolina:		
Oakland.....	1		Raleigh.....		1
Connecticut:			Salisbury.....		1
Hartford.....	2		Ohio:		
Manchester.....	1		Akron.....	12	
Florida:			South Carolina:		
Tampa.....		1	Charleston.....		2
Georgia:			Tennessee:		
Atlanta.....	1		Memphis.....	19	2
Augusta.....	5	1	Texas:		
Macon.....	4		Beaumont.....		2
Savannah.....	1		Virginia:		
Valdosta.....	2		Norfolk.....		1
Massachusetts:			Portsmouth.....	2	
Newburyport.....	1		Richmond.....	1	

MEASLES.

See p. 2711; also Current State summaries, p. 2698; and Monthly summaries by States, p. 2702.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Pennsylvania:		
Mobile.....		1	Philadelphia.....	1	
Arkansas:			South Carolina:		
Little Rock.....	1		Charleston.....		2
Colorado:			Texas:		
Denver.....		1	Dallas.....	1	2
Georgia:			Fort Worth.....	1	1
Savannah.....		1	Houston.....		1
Kentucky:			Virginia:		
Louisville.....		1	Petersburg.....		1
North Carolina:					
Salisbury.....		1			

PNEUMONIA (ALL FORMS).

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Illinois:		
Birmingham.....		2	Aurora.....		1
Mobile.....		1	Bloomington.....		1
California:			Chicago.....	76	29
Long Beach.....		1	Decatur.....		1
Los Angeles.....	6	4	Elgin.....		2
Oakland.....	6	3	Evanston.....	1	
San Bernardino.....		2	Kewanee.....	2	1
San Francisco.....	13	6	Mattoon.....		1
Santa Barbara.....		1	Peoria.....		3
Colorado:			Springfield.....	3	
Colorado Springs.....		2	Indiana:		
Denver.....		3	East Chicago.....		1
Connecticut:			Logansport.....		1
Bridgeport.....	3	1	South Bend.....		1
Bristol.....	1		Terre Haute.....		1
Hartford.....		2	Iowa:		
Manchester.....	1		Council Bluffs.....		1
New Haven.....		5	Kansas:		
District of Columbia:			Colleyville.....	1	
Washington.....		6	Topeka.....		2
Florida:			Kentucky:		
Tampa.....		2	Covington.....		2
Georgia:			Louisville.....		3
Atlanta.....		5	Louisiana:		
Augusta.....		2	New Orleans.....		10
Savannah.....		2			

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Maine:			New Jersey—Continued.		
Bangor.....	1		Plainfield.....		1
Biddeford.....		1	Trenton.....		1
Maryland:			New York:		
Baltimore.....	18	9	Albany.....	9	
Massachusetts:			Auburn.....	1	
Attleboro.....		1	Buffalo.....	17	5
Boston.....	17	13	Ithaca.....	1	
Brookline.....	1		Jamestown.....	2	
Cambridge.....		4	Lockport.....	1	
Chelsea.....		3	Mount Vernon.....	1	
Chicopee.....		2	New York.....	124	92
Easthampton.....		1	Newburgh.....	4	
Everett.....	1		Niagara Falls.....	4	
Fall River.....		2	Ogdensburg.....		1
Greenfield.....	1		Olean.....		1
Holyoke.....	1		Peekskill.....		1
Leominster.....	1		Port Chester.....	1	
Lowell.....		1	Poughkeepsie.....		1
Malden.....	1		Rochester.....	5	2
Methuen.....		1	Rome.....	2	1
New Bedford.....		1	Syracuse.....	4	2
Pittsfield.....		2	Troy.....		1
Plymouth.....	1		Watertown.....		1
Springfield.....	2	1	North Carolina:		
Waltham.....	2		Wilmington.....		1
Watertown.....	1		Ohio:		
Worcester.....		1	Canton.....		1
Michigan:			Cincinnati.....		6
Ann Arbor.....		1	Cleveland.....	17	13
Detroit.....	40	13	Columbus.....		1
Eliot.....	1		Dayton.....	1	
Hamtramck.....	3		East Cleveland.....	1	
Highland Park.....	2		Niles.....		1
Ironwood.....		1	Toledo.....		4
Kalamazoo.....	5		Youngstown.....		2
Pontiac.....	3	1	Oregon:		
Minnesota:			Portland.....		2
Duluth.....	10	3	Pennsylvania:		
Hibbing.....	2		Philadelphia.....	24	23
Minneapolis.....		2	Rhode Island:		
St. Paul.....		5	Pawtucket.....		1
Missouri:			Providence.....		1
Kansas City.....	10	7	South Carolina:		
St. Joseph.....		2	Charleston.....		1
Montana:			Tennessee:		
Missoula.....		1	Memphis.....		1
Nebraska:			Nashville.....		2
Lincoln.....		1	Texas:		
Omaha.....		4	Dallas.....		1
New Hampshire:			Fort Worth.....		1
Berlin.....		1	Galveston.....		2
New Jersey:			Houston.....		2
Bellefonte.....	1		San Angelo.....		1
Bloomfield.....	1		Utah:		
East Orange.....	2		Salt Lake City.....		1
Elizabeth.....		1	Virginia:		
Hackensack.....		1	Norfolk.....		3
Hoboken.....		1	Richmond.....		1
Jersey City.....	2		West Virginia:		
Kearny.....		1	Charleston.....		2
Newark.....	36	6	Wheeling.....		1
Orange.....	9		Wisconsin:		
Passaic.....	3	2	Kenosha.....		1
Paterson.....	4		Racine.....		2
Perth Amboy.....		1	Wyoming:		
			Cheyenne.....		2

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

POLIOMYELITIS (INFANTILE PARALYSIS).

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1921, inclusive. In instances in which data for the full seven years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Oct. 7, 1922.		City.	Median for previous years.	Week ended Oct. 7, 1922.	
		Cases.	Deaths.			Cases.	Deaths.
Colorado:				Michigan:			
Denver.....	0	1	.....	Flint.....	0	1	.....
Connecticut:				Missouri:			
New Haven.....	0	1	.....	St. Louis.....	1	1	.....
District of Columbia:				New Jersey:			
Washington.....	0	.....	2	Orange.....	0	2	.....
Illinois:				New York:			
Chicago.....	4	3	1	Ithaca.....	0	1	.....
Kansas:				Jamestown.....	0	1	1
Hutchinson.....	0	1	.....	New York.....	0	22	3
Parsons.....	.....	1	1	Niagara Falls.....	4	1	.....
Maryland:				Rome.....	0	2	1
Baltimore.....	1	1	.....	Syracuse.....	0	3	1
Massachusetts:				Watertown.....	0	1	.....
Boston.....	1	2	.....	Pennsylvania:			
Brookline.....	0	1	.....	Philadelphia.....	0	1	.....
Lynn.....	0	1	.....	Pittsburgh.....	0	1	.....
Malden.....	0	1	.....	Rhode Island:			
				Providence.....	1	1	.....

RABIES IN ANIMALS.

City.	Cases.
California:	
Los Angeles.....	7
Kentucky:	
Louisville.....	2
Missouri:	
Kansas City.....	4

SCARLET FEVER.

See p. 2711; also Current State summaries, p. 2698, and Monthly summaries by States, p. 2702.

SMALLPOX.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1921, inclusive. In instances in which data for the full seven years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Oct. 7, 1922.		City.	Median for previous years.	Week ended Oct. 7, 1922.	
		Cases.	Deaths.			Cases.	Deaths.
Colorado:				Nevada:			
Denver.....	0	3	5	Reno.....	0	1	.....
Georgia:				New York:			
Augusta.....	.....	3	.....	Jamestown.....	0	3	.....
Indiana:				Niagara Falls.....	0	1	.....
Gary.....	0	1	.....	Watertown.....	0	1	.....
Indianapolis.....	1	3	.....	Oregon:			
Kansas:				Portland.....	2	8	.....
Wichita.....	0	1	.....	Wisconsin:			
Minnesota:				Milwaukee.....	1	1	.....
Duluth.....	0	19	.....	Racine.....	0	2	.....
Minneapolis.....	5	3	.....	Superior.....	0	10	.....
St. Paul.....	5	2	.....				

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

TETANUS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Georgia:			New Jersey:		
Savannah		1	Newark	2	.....
Indiana:			New York:		
East Chicago		2	New York		1
Maryland:			Tennessee:		
Baltimore		1	Nashville		1
Massachusetts:			Texas:		
Boston	2	.....	Waco		1
Michigan:					
Detroit	1	2			

TUBERCULOSIS.

See p. 2711; also Current State summaries, p. 2698.

TYPHOID FEVER.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1921, inclusive. In instances in which data for the full seven years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Oct. 7, 1922.		City.	Median for pre- vious years.	Week ended Oct. 7, 1922.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				Kentucky:			
Birmingham	6	2	1	Lexington	6	1	.....
Mobile	6	.....	1	Louisville	6	2	.....
Tuscaloosa	6	3	.....	Louisiana:			
Arkansas:				New Orleans	4	1	.....
Fort Smith	1	1	.....	Maine:			
Little Rock	1	1	.....	Bangor	0	4	.....
California:				Lewiston	0	1	.....
Long Beach	0	1	.....	Maryland:			
Los Angeles	2	4	2	Baltimore	20	8	1
San Diego	1	1	.....	Frederick	0	2	.....
San Francisco	3	3	.....	Massachusetts:			
Colorado:				Boston	6	11	.....
Denver	3	4	3	Chelsea	0	1	.....
Pueblo	1	3	.....	Lowell	1	1	.....
Connecticut:				Lynn	0	1	.....
Hartford	3	2	.....	Methuen	0	1	.....
Manchester	0	1	.....	New Bedford	1	6	.....
New Haven	2	3	1	North Adams	0	.....	1
District of Columbia:				Somerville	1	2	.....
Washington	9	6	1	Southbridge	0	2	.....
Georgia:				Michigan:			
Atlanta	2	2	.....	Detroit	10	7	1
Augusta .....	.....	.....	1	Flint	4	.....	1
Macon	1	1	.....	Grand Rapids	1	2	.....
Savannah	0	1	.....	Highland Park	0	2	.....
Illinois:				Kalamazoo	1	1	.....
Aurora	0	1	.....	Muskegon	0	5	1
Centralia	10	1	.....	Sault Ste. Marie	0	1	.....
Chicago	11	3	.....	Minnesota:			
Cicero	1	1	.....	Minneapolis	3	1	.....
Decatur	0	1	.....	St. Cloud	0	1	.....
Mattoon	2	1	.....	St. Paul	3	2	1
Rock Island	0	2	.....	Missouri:			
Springfield	1	1	.....	Kansas City	3	3	.....
Indiana:				St. Louis	8	6	1
Indianapolis	2	2	1	Montana:			
Kokomo	0	1	.....	Missoula	0	2	.....
Logansport	0	1	.....	Nebraska:			
Muncie	1	3	1	Lincoln	0	2	.....
Kansas:				Omaha	2	.....	1
Hutchinson	0	1	.....	New Hampshire:			
Kansas City	1	2	.....	Berlin	0	1	.....
Topeka	2	1	.....	Concord	0	1	.....
Wichita	3	2	.....				

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

TYPHOID FEVER—Continued.

City.	Median for pre- vious years.	Week ended Oct. 7, 1922.		City.	Median for pre- vious years.	Week ended Oct. 7, 1922.	
		Cases.	Deaths.			Cases.	Deaths.
New Jersey:				Pennsylvania—Contd.			
Garfield.....	0	1	1	New Castle.....	1	2	.....
Newark.....	5	8	1	Oil City.....	0	1	.....
Paterson.....	1	3	.....	Philadelphia.....	21	14	.....
Trenton.....	1	2	.....	Pittsburgh.....	7	2	.....
New York:				Plymouth.....	0	1	.....
Albany.....	1	2	.....	Reading.....	4	2	.....
Ithaca.....	0	1	.....	Rhode Island:			
New York.....	44	33	3	Pawtucket.....	0	.....	1
Newburgh.....	0	2	.....	Providence.....	2	2	.....
North Tonawanda.....	0	1	.....	South Carolina:			
Olean.....	0	2	.....	Charleston.....	1	6	1
Pockskill.....	0	.....	1	Columbia.....	1	2	.....
Rochester.....	3	3	.....	Tennessee:			
Syracuse.....	3	1	.....	Knoxville.....	1	1	3
North Carolina:				Nashville.....	6	3	.....
Durham.....	1	2	.....	Texas:			
Raleigh.....	0	.....	1	Dallas.....	2	2	.....
Ohio:				Fort Worth.....	0	1	1
Akron.....	3	3	.....	San Angelo.....	.....	.....	1
Ashtabula.....	0	1	1	Utah:			
Canton.....	1	4	2	Salt Lake City.....	2	6	.....
Cincinnati.....	2	4	.....	Virginia:			
Cleveland.....	4	7	1	Lynchburg.....	1	1	.....
Columbus.....	2	1	.....	Norfolk.....	4	.....	1
Dayton.....	1	1	.....	Portsmouth.....	0	3	.....
Lima.....	1	1	.....	Richmond.....	1	1	.....
Piqua.....	0	1	.....	Roanoke.....	2	1	.....
Sandusky.....	0	2	.....	Washington:			
Steubenville.....	0	1	.....	Seattle.....	2	3	.....
Toledo.....	4	3	.....	Spokane.....	2	5	.....
Youngstown.....	0	2	.....	Tacoma.....	1	3	.....
Oregon:				Yakima.....	2	2	.....
Portland.....	2	3	.....	West Virginia:			
Pennsylvania:				Bluefield.....	2	1	.....
Ambridge.....	0	1	.....	Charleston.....	1	4	.....
Bradford.....	0	1	.....	Huntington.....	1	1	1
Butler.....	0	2	.....	Morgantown.....	1	2	1
Canonsburg.....	0	2	.....	Wheeling.....	2	2	1
Chester.....	1	1	.....	Wisconsin:			
Harrisburg.....	1	1	.....	Kenosha.....	0	3	.....
Lancaster.....	0	1	.....	Sheboygan.....	0	1	.....
Lebanon.....	0	2	.....	Superior.....	0	3	.....
McKeesport.....	0	1	.....	Wausau.....	0	1	.....

TYPHUS FEVER.

City.	Cases.	Deaths.
Georgia:		
Atlanta.....	1	.....
Texas:		
Houston.....	1	.....

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alabama:										
Anniston.....	17,734		8				1			
Birmingham.....	178,806	50	3				7			1
Mobile.....	60,777	18	2				1		6	1
Montgomery.....	43,464	13	4				1			1
Arkansas:										
Fort Smith.....	28,870	7	3				1			
Hot Springs.....	11,695	4	1							1
Little Rock.....	65,142	2	2				1		2	
North Little Rock.....	14,048		3				1		1	
California:										
Alameda.....	28,806	3	1				2			
Glendale.....	13,536	12								1
Long Beach.....	55,593	20	1							
Los Angeles.....	576,673	180	33	2	2		23		41	19
Oakland.....	216,261	88	14				4			1
Pasadena.....	45,354	10								1
Richmond.....	16,842	0								
Riverside.....	19,341	6							4	1
Sacramento.....	85,908	14	6	1			9		1	3
San Bernardino.....	18,721	13	1							1
San Diego.....	74,683	23	4		1		1		3	3
San Francisco.....	506,676	114	23	2	1		10		35	8
Santa Ana.....	18,485	8	1				1			
Santa Barbara.....	19,441	6								
Vallejo.....	21,407	5							1	
Colorado:										
Colorado Springs.....	80,105	15					2		6	4
Denver.....	256,491	73	68	5	3		12			9
Pueblo.....	45,050	5			1		1		6	2
Trinidad.....	10,906		2							
Connecticut:										
Bridgeport.....	143,555	23	18		1	1	6			2
Bristol.....	20,620	8	2		1		1			1
Derby.....	11,238	0								
Fairfield (town).....	11,475	1					1			
Greenwich (town).....	22,123				4				1	
Hartford.....	138,036	25	10	2	2		2		12	2
Manchester (town).....	18,370	1	3				1			
Milford (town).....	10,198	0								
New Haven.....	162,537	35	4		2		2		8	
New London.....	25,688	7								
Norwich (city).....	22,304	4	2				1		1	1
District of Columbia:										
Washington.....	487,571	97	10				9		17	5
Florida:										
Tampa.....	51,606	18	1						1	3
Georgia:										
Albany.....	11,555		2							
Atlanta.....	206,616	63	22	1			4	1	1	3
Augusta.....	52,548	23	2				2			2
Brunswick.....	14,413	1								
Macon.....	52,995		4							
Rome.....	13,252		3				1			
Savannah.....	83,252	34	11	3					3	5
Valdosta.....	10,783	1	2							1
Idaho:										
Boise.....	21,393	5								
Pocatello.....	15,001	3								
Illinois:										
Alton.....	24,682	5	3		1		2			
Aurora.....	86,397	10	5						1	
Bloomington.....	28,725	4					2		1	1
Centralia.....	12,491	2								
Champaign.....	15,573						3			
Chicago.....	2,701,705	597	128	5	29	3	67		200	30
Chicago Heights.....	10,653	4								
Cicero.....	44,995	7	1				1		4	
Deer Park.....	44,818	10	4				6			1
Elgin.....	27,454	5	1				2			
Evanston.....	37,234	11					1			
Fresport.....	19,669	5	10							
Galesburg.....	23,834	5								1

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Illinois—Continued.										
Kewanee.....	16,026	6					2			
La Salle.....	13,060	3	1				1			
Mattoon.....	13,552	10	4							1
Oak Park.....	39,868	13					1		1	
Peoria.....	76,121	24	1				13			3
Quincy.....	35,978	6								
Rock Island.....	35,177	11	2		1				2	
Springfield.....	59,183	21	1				4		12	
Indiana:										
Crawfordsville.....	10,139	2								
East Chicago.....	35,967	9	2				4			1
Frankfort.....	11,585	4								
Gary.....	55,378	8	2				2			1
Hammond.....	36,001	8	2				5			
Huntington.....	14,000	2	1							
Indianapolis.....	314,194	90	56				16	1	1	7
Kokomo.....	30,067	3	2							
La Fayette.....	22,486	5								
Logansport.....	21,626	8	1							
Mishawaka.....	15,195	3	2				5			
Muncie.....	36,524	9	2				1			
South Bend.....	70,983	10	1		1		15			
Terre Haute.....	66,083	11	14	1			3			1
Iowa:										
Burlington.....	24,057	5	5				4			
Cedar Rapids.....	45,566		3				1			
Clinton.....	24,151		10							
Council Bluffs.....	36,162	9	3				1			
Davenport.....	56,727		8	1			1			
Dubuque.....	39,141		1				2			
Mason City.....	20,065	4	11							1
Muscatine.....	16,068	1	4				3			
Ottumwa.....	23,003		5				1			
Sioux City.....	71,227		5	1			8			
Waterloo.....	36,230		2				3			
Kansas:										
Atchison.....	12,630		1				3			
Coffeyville.....	13,452	4					2			
Fort Scott.....	10,693	3	2							1
Hutchinson.....	23,238		2				3			
Kansas City.....	101,177		9		4		3		3	
Lawrence.....	12,456	2								
Parsons.....	16,628	5								1
Salina.....	15,085	4					1			
Topeka.....	50,022	11	22	1			4		4	
Wichita.....	72,217	23	12		1		4		2	1
Kentucky:										
Covington.....	57,121	26	8				4			
Lexington.....	41,534	18	4	2			1			3
Louisville.....	234,891	61	26				2		17	3
Paducah.....	24,735		3		1					
Louisiana:										
New Orleans.....	387,219	118	15				3		19	9
Maine:										
Auburn.....	16,985	7					1			
Bath.....	14,731	0								
Biddeford.....	18,008	4								
Lewiston.....	31,791	10	3	1					2	
Portland.....	69,272	14	5				3			
Sanford (town).....	10,691	0								
Maryland:										
Baltimore.....	733,826	174	29	1	3	1	6		65	18
Cumberland.....	29,837	16	1							
Frederick.....	11,066	4					1			
Massachusetts:										
Adams (town).....	12,967	3								1
Amesbury (town).....	10,036	2					1			
Arlington (town).....	18,665	6	3						3	
Attleboro.....	19,731	5			4				1	
Belmont (town).....	10,749	2							2	
Beverly.....	22,561	2							1	
Boston.....	748,060	208	51	1	19		33		49	20
Braintree (town).....	10,580	2							1	

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

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

City.	Popu- lation Jan. 1, 1922.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.		
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Massachusetts—Continued.											
Brockline	37,748	8	2						2		
Cambridge	160,604	29	7				2		7		
Chelsea	43,184	12	5		8		3		2		
Chicopee	36,214	4	1	1							
Clinton	12,979	4									
Danvers	11,108						1				
Dedham	16,798	1	1						2	1	
Easthampton	11,261	3	1	1			1		1	1	
Everett	40,120	9	3				1		5		
Fall River	126,486	37	12	3	48		5		4	2	
Frammingham	17,033	2	2							1	
Gardner	16,971	8	1						1		
Greenfield	18,402	1									
Haverhill	53,884	11	3				11		2	1	
Holyoke	66,308	17	9	1					2	2	
Lawrence	95,270	14	4	1			2		4	2	
Leominster	19,744	3	2								
Lewell	112,750		1		1		3		7	2	
Lynn	95,148	12	7		3				3		
Malden	49,708	9	2				5		3		
Medford	39,636	5	2				3				
Melrose	18,364	3					2				
Methuen	15,189	1							1		
New Bedford	121,217	22	8	2	1		1		6	3	
Newburyport	15,615	4			1						
Newton	46,054	5	1						2		
North Adams	22,282	5									
Northampton	21,951	4					5			2	
Peabody	19,552	2	1								
Pittsfield	41,705	11	2				3		1		
Plymouth	15,045	3									
Quincy	42,876	6	1						1		
Salem	42,328	15	3							1	
Somerville	95,081	18	2				2		1	2	
Southbridge	14,283	3									
Springfield	128,674	24	5		1		3		1		
Taunton	37,137	7							1		
Waldenfield	13,025	3	2								
Waltham	39,913	9	13				1		2	1	
Waverleworth	21,457	6	6								
Webster	13,228	2								1	
Westfield	19,004	2	3						1		
Winthrop	15,453	2									
Woburn	16,574	4									
Worcester	179,754	36	1		8		2		2	2	
Michigan:											
Alpena	11,101		1				1				
Ann Arbor	19,516	16			1				1	1	
Basile Creek	36,164		2				2				
Beaumont Harbor	12,233	3	9		1				1	1	
Detroit	928,678	201	60	4	1		74	1	56	16	
Flint	91,569	18	14		5		4				
Grand Rapids	137,634	32	8				2		2	3	
Hemlock	46,615	9	8	1			1		1	1	
Highland Park	46,469	18			1		2		2		
Holland	12,183		1								
Ironwood	15,739	4	3				6		1		
Kalamazoo	46,467	13	12				1		1	1	
Marquette	12,718	3		7							
Muskegon	36,570	9		9					2	1	
Pontiac	34,273	4	3	1					1	1	
Port Huron	25,944	10	3								
Saint Ste. Marie	12,096	4	2							1	
Minnesota:											
Duluth	98,917	18	31		1		4			1	
Faribault	11,069	3					4				
Hibbing	15,689	5					6				
Maakato	12,469		1				3				
Minneapolis	350,552	66	47	1			23		25	2	
Rochester	18,722	12									
St. Cloud	13,573		4				4				
St. Paul	254,696	47	11	1	1		40		12	3	

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

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

Place.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Minnesota—Continued.										
Virginia.....	14,022		1				2			
Winona.....	19,143	6								
Missouri:										
Cape Girardeau.....	10,252		2							
Independence.....	11,686	4								
Kansas City.....	324,410	85	25	2	2		7		10	9
St. Joseph.....	77,939	31	2		1		4			1
St. Louis.....	772,897	180	31	2	1		38		40	9
Montana:										
Anaconda.....	11,668	0								
Billings.....	15,100	4								
Great Falls.....	24,121	6	1				2			1
Missoula.....	12,668	8								1
Nebraska:										
Lincoln.....	54,948	11	10						1	
Omaha.....	191,601	52	14	5			7			1
Nevada:										
Reno.....	12,016	2					3			
New Hampshire:										
Berlin.....	16,104	3								
Concord.....	22,167	6								1
Dover.....	13,029	0								
Keene.....	11,210	0							2	
Manchester.....	78,384	10	6				4		2	1
Nashua.....	28,370	4	1							
New Jersey:										
Bayonne.....	70,754		7						2	
Belleville.....	15,660								3	
Bloomfield.....	22,019	2	1				1			1
Clifton.....	26,470	3	2				1			
East Orange.....	50,710	4					1		1	
Elizabeth.....	95,783		10	2	2		3		1	3
Englewood.....	11,627	1								
Garfield.....	19,381	2	3		6				2	
Hackensack.....	17,667	4					2		1	
Hoboken.....	68,166	14	2				2			
Jersey City.....	298,103		16				2		10	
Kearny.....	26,724	4		1					1	
Montclair.....	28,810	3					3		4	
Morristown.....	12,548	3			1		1			
Newark.....	414,524	72	11		10		10		31	6
Orange.....	33,293	3							1	
Passaic.....	63,841	12	4				2		3	
Paterson.....	135,875		5		3		1		5	
Perth Amboy.....	41,707	11	10						5	1
Phillipsburg.....	16,923	4								
Plainfield.....	27,700	5								
Summit.....	10,174	4					1			
Trenton.....	119,289	28	24	2	2		2		6	2
West Hoboken.....	40,074	7	1							
West New York.....	29,926	2								
West Orange.....	15,573	1			1		3			
New York:										
Albany.....	113,344		2						2	
Auburn.....	36,192	10	3						2	
Buffalo.....	506,775	129	14	2	1		18			11
Cohoes.....	22,987	7					2			
Geneva.....	14,648	4								
Hornell.....	15,025	4								
Hudson.....	11,745	2	1							
Ithaca.....	17,004	5								
Jamestown.....	38,917	13			3		4			
Lackawanna.....	17,918	6	1				5		2	
Little Falls.....	13,029	2								
Lockport.....	21,308	5								
Middletown.....	18,420		1				3			
Mount Vernon.....	42,726	6	3				1			1
New York.....	5,620,048	1,135	99	9	33	1	57	2	1,220	178
Newburgh.....	30,366	12								
Niagara Falls.....	50,760	18	1		2		10			1
North Tonawanda.....	15,482	0	2		1		9			
Ogdensburg.....	14,609	9								
Olean.....	20,506	7							1	

* Pulmonary tuberculosis only.

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New York—Continued.										
Peekskill.	15,868	3			2		7			
Port Chester.	16,573	2			1					1
Poughkeepsie.	35,000	11	1		1				2	
Rochester.	295,750	61	2		8				14	4
Rome.	26,341	11	1				2			
Saratoga Springs.	13,181	7								1
Syracuse.	171,717	42	51	1	4		5		4	
Troy.	72,013	27	3				1		4	1
Watertown.	31,285	12	2	1						2
White Plains.	21,031	3							1	
Yonkers.	100,176	19	6							
North Carolina:										
Durham.	21,719	1	7				1			
Raleigh.	24,418	10	3				4			2
Rocky Mount.	12,742	7								
Salisbury.	13,884	6								
Wilmington.	33,372	7	4				1			1
Winston-Salem.	48,395	9	5				4		3	2
North Dakota:										
Fargo.	21,961	0					2			
Ohio:										
Akron.	208,435	21	9		1		13		2	
Ashtabula.	22,082	4								1
Barberton.	18,811	4	2				1			
Bucyrus.	10,425	3					1		2	1
Canton.	87,091	12	17		2		2		1	1
Chillicothe.	15,831	4	3							
Cincinnati.	401,247	93	12		1		12		20	9
Cleveland.	796,841	166	55	5	2		44		32	21
Cleveland Heights.	15,236		1							
Columbus.	237,031	63	28		1		4		6	5
Coshocton.	10,847								2	
Dayton.	152,559	21	11				13			
East Cleveland.	27,292	3			1		3		1	
East Youngstown.	11,237	1								
Findlay.	17,021	4								
Fremont.	12,468	3								
Kenmore.	12,633						6		1	
Lancaster.	14,706	3								
Lima.	41,326	7	2				1			1
Lorain.	37,295						1		1	
Mansfield.	27,824	4	3							
Martins Ferry.	11,634	3	1				1			
Middletown.	23,594	3	1							
New Philadelphia.	10,718						2			
Newark.	26,718	6	3							
Niles.	13,080	4	1							
Norwood.	24,966	2	1		1					
Piqua.	15,044	5	1							
Salem.	10,305	3	1				2			
Sandusky.	22,897	7								
Springfield.	60,840	8					3		1	
Steubenville.	28,506	3								
Toledo.	243,164	58	35	2	4	1	7		5	4
Youngstown.	132,358		42	1	1		15			3
Zanesville.	29,569	14			2					
Oklahoma:										
Tulsa.	72,075		4				3			
Oregon:										
Portland.	258,288	45	1		1		3		1	3
Pennsylvania:										
Allentown.	73,502		6		1					
Altoona.	60,331		4							
Ambridge.	12,730		5		1					
Beaver Falls.	12,302		1		2					
Berwick.	12,181		1				3			
Bethlehem.	50,358		6				3			
Braddock.	20,879		1		19					
Bradford.	15,525						1			

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.		
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Pennsylvania—Continued.											
Bristol.....	10,273		1								
Butler.....	23,778		7								
Canonsburg.....	10,632		2		1		2				
Carbondale.....	18,640		2								
Carnegie.....	11,516						1				
Carrick.....	10,504						2				
Chambersburg.....	13,171		1				1				
Charleroi.....	11,516		1				12				
Chester.....	58,030				3						
Coatesville.....	14,515				2						
Dictson.....	11,049		2								
Easton.....	33,813		3								
Erie.....	93,372		4				3		1		
Farrell.....	15,586						1				
Harrisburg.....	75,917		4		1		1				
Jeannette.....	10,627						1				
Johnstown.....	67,327		4								
Lancaster.....	53,150		4				6				
Lebanon.....	24,643		1								
McKee's Rocks.....	16,713		22				3				
McKeesport.....	46,781		1		1		1		1		
Mahanoy City.....	15,589		1								
Monessen.....	18,179		3								
Nanticoke.....	22,614		1						1		
New Castle.....	44,938		2				4				
Norristown.....	32,319		1		2						
North Braddock.....	14,928		1		2						
Oil City.....	21,274								4		
Philadelphia.....	1,823,779	392	69	6	130	2	37		75	31	
Pittsburgh.....	588,343		51		28		43		24		
Plymouth.....	16,500		3								
Reading.....	107,784		5		7				6		
Scranton.....	137,783		2						5		
Sharon.....	21,747				1						
Shenandoah.....	24,726		1								
Steelton.....	13,428		2						1		
Sunbury.....	15,721		2				1				
Uniontown.....	15,692						1				
Washington.....	21,480		3				4		3		
West Chester.....	41,717				1						
Wilkes-Barre.....	73,833		5								
Wilkesburg.....	24,403						2		2		
Williamsport.....	36,198		2				4				
Woodlawn.....	12,495				9						
York.....	47,512		2				3				
Rhode Island:											
Cranston.....	29,407	6	1							1	
Newport.....	30,255	5	4								
Pawtucket.....	64,248	13	9				2				
Providence.....	237,596	56	6	1	2					4	
South Carolina:											
Charleston.....	67,957	23								5	
Columbia.....	37,524		5				1		1		
Greenville.....	23,127	5	3				2				
South Dakota:											
Sioux Falls.....	25,202	7	10				1				
Tennessee:											
Chattanooga.....	57,895		3	1			7				
Knoxville.....	77,818		6				3	1	1	1	
Memphis.....	162,351	65	25	1			3		6	5	
Nashville.....	118,342	53	9	1			2		2	7	
Texas:											
Beaumont.....	40,422	7									
Corpus Christi.....	10,522	5									
Dallas.....	158,976	35	13				1		3	2	
Fort Worth.....	108,482	26	5				2		2	2	
Galveston.....	44,265	17								4	
Houston.....	138,276	30	2							2	
San Angelo.....	10,060	14								5	
Waco.....	38,500	11					1			2	
Utah:											
Salt Lake City.....	118,110	16	2				1		1		

CITY REPORTS FOR WEEK ENDED OCTOBER 7, 1922—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Vermont:										
Burlington.....	22,779	6								
Rutland.....	14,954	4								
Virginia:										
Alexandria.....	18,060	6								
Lynchburg.....	30,070	5	4				1			2
Norfolk.....	115,777		10						3	1
Petersburg.....	31,012	12	7				2			
Portsmouth.....	54,387	12	4	1			3			1
Richmond.....	171,067	35	22	2			21		5	4
Roanoke.....	50,842	10	34				2			
Washington:										
Aberdeen.....	15,337		1							
Bellingham.....	25,595		1				2			
Everett.....	27,644		1				1			
Seattle.....	315,312		6		1		8			
Spokane.....	104,437		5				2			
Tacoma.....	96,965		3				2		3	
Vancouver.....	12,637						1			
Yakima.....	18,539						1			
West Virginia:										
Bluefield.....	15,282	2	5	1			2			1
Charleston.....	39,608	12	6				3			1
Clarksburg.....	27,869	9	5				2			1
Fairmont.....	17,851		3				1			
Huntington.....	50,177	17	4				3			1
Moundsville.....	10,669	6	1							1
Wheeling.....	56,208	19	5		2		6		1	1
Wisconsin:										
Beloit.....	21,284	5					9			
Eau Claire.....	20,906		1						2	
Fond du Lac.....	23,427	4	3							
Green Bay.....	31,017		1							
Janesville.....	18,293	1	1							
Kenosha.....	40,472	6	2				2			
La Crosse.....	30,421		2		2		1		1	
Madison.....	38,378				1		1		1	
Manitowoc.....	17,563		1							
Milwaukee.....	457,147		15		114		18		18	
Oshkosh.....	33,162	6	1				4		4	1
Racine.....	58,593	10	4		22		3		2	
Sheboygan.....	30,955		3						1	
Stevens Point.....	11,371		1				1			
Superior.....	39,671	5	2				3			1
Wausau.....	18,661		1				1			
Wyoming:										
Cheyenne.....	13,829	4								

FOREIGN AND INSULAR.

AZORES.

Plague—Ponta Delgada and Vicinity.

Under date of October 19, 1922, three cases of plague were reported present at Ponta Delgada, Azores, and 180 cases in the vicinity of the city. The disease was stated to be spreading.

Plague has been reported previously in the Azores during the current year as follows: Island of Fayal, January 16 to February 8, 6 cases, with 4 deaths; St. Michael Island, January 1 to May 13, 93 cases, with 55 deaths; and June 25 to July 22, 18 cases, with 3 deaths, occurring in the vicinity of Ponta Delgada.

BRAZIL.

Sanitary Service—State of Sao Paulo.

Under date of August 12, 1922, the recently organized sanitary service of the State of Sao Paulo, Brazil, was stated to be making every effort to develop suggested improvements in conducting this service.¹

Communicable diseases are immediately reported by telephone from all parts of the State, serums are sent out for treatments, and a very complete system of quarantine card-file reports is maintained. Preventive measures against spread are carried out, including printed instructions to families in the vicinity relative to disease symptoms and for convalescents from such diseases. Hospital facilities outside the cities are stated to be very inadequate. In the city of Sao Paulo, 15 public and private hospitals, with a total of 2,080 beds, are in operation. The outstanding needs in sanitary service are improved facilities for the care of lepers, of which there are stated in the report quoted to be about 5,000 now present in the State, and reduction of infant mortality.

¹ Public Health Reports, Sept. 22, 1922, p. 2336.

CUBA.**Communicable Diseases—Provinces.**

Communicable diseases have been notified in Cuba as follows:

Provinces.

Province.	New cases reported Aug. 21-31, 1922.							
	Chicken pox.	Diph- theria.	Malaria.	Measles.	Para- typhoid fever.	Scarlet fever.	Small- pox.	Typhoid fever.
Camaguey.....			18	2				11
Habana.....	1	2	30		5	5	1	31
Matanzas.....	1	4			4		1	6
Oriente.....			65				3	18
Pinar del Rio.....			1	1				4
Santa Clara.....		1	2		5	1	4	35
Total.....	2	7	116	3	14	6	9	105

ITALY.**Plague—Naples—July 29–August 23, 1922.**

During the period July 29 to August 23, 1922, 11 cases of plague were reported at Torre Annunziata, a suburb of Naples.

MADAGASCAR.**Plague—Tamatave.**

A case of plague was reported, August 17, 1922, at Tamatave, Madagascar.

MAURITIUS.**Plague.**

Under date of October 19, 1922, the occurrence of 65 fatal cases of plague was reported in the Island of Mauritius.

MEXICO.**Yellow Fever—Ciudad Victoria.**

The occurrence of a fatal case of yellow fever was reported September 27, 1922, at Ciudad Victoria, Mexico. The case was stated to have originated at Tampico, Mexico.

PANAMA.**Smallpox—July 28 to September 28, 1922.**

During the period July 28 to September 28, 1922, three cases of smallpox were reported in Panama. Of these, one case occurred August 15, at Panama and two cases, August 31, were reported as occurring in nonresidents and to have been imported from the interior of Panama.

RUSSIA.

Communicable Diseases—*Esthonia, August, 1922—Lettonia, July, 1922.*

Communicable diseases have been reported in the Provinces of *Esthonia* and *Lettonia*, Russia, as follows:

ESTHONIA, AUGUST, 1922.

Disease.	New cases.	Disease.	New cases.
Diphtheria.....	52	Tuberculosis.....	112
Measles.....	24	Typhoid fever.....	110
Scarlet fever.....	38	Typhus fever.....	8

LETTONIA, JULY, 1922.

Disease.	New cases.	Disease.	New cases.
Cerebrospinal meningitis.....	1	Smallpox.....	5
Diphtheria.....	43	Typhoid fever.....	106
Malaria.....	13	Typhus fever.....	48
Measles.....	19	Typhus fever, recurrent.....	14
Scarlet fever.....	88		

¹ Paratyphus fever, 3 cases.

SPAIN.

Plague—*Barcelona—Cartagena—Valencia.*

Plague was reported present in Spain, October 18, 1922, as follows: *Barcelona*—five fatal cases; *Cartegena*—two cases; *Valencia*—two cases.¹

SWITZERLAND.

Communicable Diseases—*Zurich—August, 1922.*

Communicable diseases were reported in the canton of Zurich, Switzerland, during the month of August, 1922, as follows:

Disease.	Cases.
Chicken pox.....	37
Diphtheria.....	38
Measles.....	45
Scarlet fever.....	21
Smallpox.....	174
Whooping cough.....	25

¹ Of these, 61 in city of Zurich.

Population, canton, 500,455; city, 207,200.

¹ Public Health Reports, Oct. 13, 1922, p. 2596.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.**Reports Received During Week Ended October 27, 1922.¹**

The reports contained in the following tables must not be considered as complete or final, either as regards the list of countries included or the figures for the particular countries for which reports are given.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Shanghai.....	Sept. 4-17.....		8	Chinese.
India:				
Bombay.....	Aug. 6-12.....	3	2	
Calcutta.....	Sept. 3-9.....	3	1	
Rangoon.....	Aug. 27-Sept. 2.....	4	4	
Philippine Islands:				
Manila.....	Aug. 27-Sept. 2.....	1	1	Non-resident.
Province Union.....	Sept. 3-9.....	1	1	

PLAGUE.

Azores:				
St. Michaels Island— Ponta Delgada.....	Oct. 19.....	3		In vicinity, 180 cases. Total reported during current year; Island of Fayal, Jan. 16-Feb. 8, cases, 6, deaths, 4; St. Michaels Island, Jan. 1-May 13, cases, 93, deaths, 55.
Ceylon:				
Colombo.....	Sept. 3-9.....	2	2	One plague rat.
China:				
Foochow.....	Aug. 20-26.....			Present.
Hongkong.....	Sept. 3-9.....	1		
Egypt:				
City— Port Said.....	Sept. 20.....	1		Jan. 1-Aug. 10, 1922. Cases, 437; deaths, 201.
Province— Minieh.....	Sept. 16.....	1	1	
India:				
Bombay.....	Aug. 13-19.....	14	13	
Madras Presidency.....	Sept. 3-16.....	481	323	
Rangoon.....	Aug. 27-Sept. 2.....	37	34	
Italy:				
Naples.....	July 29-Aug. 23.....	11		At Torre Annunziata, suburb.
Madagascar:				
Tamatave.....	Aug. 17.....	1		
Mauritius, Island.....				Oct. 19, 1922: 65 fatal cases reported.
Spain:				
Barcelona.....	Oct. 18.....	5	5	
Cartagena.....	do.....	2		
Valencia.....	do.....	2		
Straits Settlements:				
Singapore.....	Aug. 20-26.....	1	1	
Syria:				
Aleppo.....	Sept. 9-16.....		1	

SMALLPOX.

Arabia:				
Aden.....	Sept. 9-23.....	3	2	
Brazil:				
Rio de Janeiro.....	Aug. 27-Sept. 23.....	60	14	
Canada:				
New Brunswick— Madawaska County.....	Oct. 1-7.....	1		
Ceylon:				
Colombo.....	Sept. 3-9.....	1		
China:				
Amoy.....	Sept. 3-16.....			Present.
Chungking.....	Aug. 26-Sept. 2.....			Do.
Manchuria— Mukden.....	Sept. 17-23.....			Do.
Nanking.....	Aug. 26-Sept. 9.....			Do.

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 October 27, 1922—Continued.****SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Cuba.....				Aug. 21-31, 1922: Cases, 9.
Province—				
Habana.....	Aug. 20-31.....	1		
Matanzas.....	do.....	1		
Oriente.....	do.....	3		
Santa Clara.....	do.....	4		
Dominican Republic:				
San Pedro de Macoris.....	Sept. 17-23.....	14		
Egypt:				
Cairo.....	July 23-29.....	1		
Port Said.....	do.....	1		
Great Britain:				
London.....	Sept. 17-23.....		1	
India:				
Calcutta.....	Sept. 3-9.....	1	2	
Madras.....	Sept. 3-16.....	60	31	
Rangoon.....	Aug. 27-Sept. 2.....	6	2	
Java:				
East Java—				
Soerabaya.....	Aug. 13-19.....	2		
Mexico:				
Mexico City.....	Sept. 2-8.....	15		
San Luis Potosi.....	Oct. 1-7.....		1	
Panama.....	Aug. 15.....	1		July 28-Sept. 28, 1922: Cases, 3; of these, nonresident, 2.
Portugal:				
Lisbon.....	Sept. 10-23.....	30	2	
Russia:				
Province—				
Lettonia.....	July 1-31.....	5		
Spain:				
Barcelona.....	Sept. 7-13.....		1	
Huelva.....	July 1-31.....		1	
Switzerland:				
Basel.....	Sept. 17-23.....	1		
Zurich (canton).....	Sept. 10-22.....	12		Aug. 1-31, 1922: Cases, 74. Aug. 1-31, 1922: Cases, 61.
Union of South Africa:				
Cape Province.....	Aug. 27-Sept. 2.....			Outbreaks.
Transvaal.....	do.....			Do.
Yugoslavia:				
Belgrade.....	Aug. 14-Sept. 24.....	34	12	

TYPHUS FEVER.

China:				
Antung.....	Sept. 11-17.....	3		
Manchuria—				
Harbin.....	Sept. 4-10.....	1		
Egypt:				
Alexandria.....	Sept. 10-16.....		1	
Germany:				
Berlin.....	Aug. 27-Sept. 2.....		2	
Great Britain:				
Glasgow.....	Sept. 17-23.....	1	1	
Mexico:				
Mexico City.....	Sept. 2-8.....	21		
San Luis Potosi.....	Oct. 1-7.....		2	
Russia:				
Estonia.....	Aug. 1-31.....	8		
Lettonia.....	July 1-31.....	48		Recurrent typhus, 14 cases; paratyphus, 3 cases.
Spain:				
Madrid.....	Aug. 1-31.....		1	
Union of South Africa:				
Orange Free State.....	Aug. 27-Sept. 2.....			Outbreaks.
Transvaal.....	do.....			Do.

YELLOW FEVER.

Mexico:				
Ciudad Victoria.....	Sept. 27.....	1	1	Origin, Tampico.

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

Reports Received from July 1 to October 20, 1922.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	May 14-June 24...	1	4	Present. Stated to have been imported from Shanghai.
Newchwang.....	July 27.....			
Pootung.....	Aug. 3.....			Present.
Shanghai.....	June 25-July 31.....	198		Aug. 1-Sept. 3: Cases, 4, foreign; deaths, 45, Chinese. July 29: Stated to be 250 cases in Chinese isolation hospital.
Tientsin.....	July 25-Aug. 19.....	4	2	
Woosung.....	Aug. 3.....			About 75 deaths reported for previous week.
Greece:				
Athens.....	June 29.....	1	1	At quarantine station, among passengers from vessel carrying Russian refugees.
Saloniki.....	June 7-17.....	30	11	
India:				
Bombay.....	Apr. 23-June 17.....	12	5	Feb. 25-June 24, 1922: Deaths, 33,979. June 25-Aug. 5, 1922: Deaths, 9,346. Aug. 6-12, 1922: Cases, 2,224; deaths, 1,377. (Report for week ended Feb. 25, 1922, not received.)
Do.....	July 2-29.....	2	2	
Calcutta.....	Apr. 23-June 24.....	536	373	
Do.....	June 25-Sept. 2.....	63	59	
Madras.....	May 21-June 17.....	3	1	
Do.....	July 16-Aug. 5.....	4	2	
Rangoon.....	May 7-June 24.....	116	65	
Do.....	June 25-Aug. 26.....	93	58	
Indo-China:				
Saigon.....	June 25-Aug. 19.....	30	28	Including area of 100 square km.
Japan:				
Tokyo.....	Oct. 4.....			Epidemic.
Yokohama.....	Oct. 5.....			Present.
Philippine Islands:				
Manila.....	May 21-June 24.....	8		
Do.....	June 25-Aug. 26.....	13	2	
Province—				
Bataan.....	June 4-10.....	1		
Batangas.....	May 26-June 24.....	15	11	
Do.....	June 25-July 22.....	7	4	
Bulacau.....	Apr. 30-May 6.....	1	1	
Camarines Sur.....	Mar. 25-Apr. 1.....	1	1	
Laguna.....	Apr. 16-22.....	1		
Marinduque.....	June 25-July 15.....	6	6	
Mindoro.....	Apr. 23-29.....	1		
Nueva Ecija.....	June 11-17.....	1	1	
Pampanga.....	Apr. 16-June 24.....	6	5	
Do.....	June 25-July 8.....	1	1	
Pangasinan.....	June 19-24.....	3	1	
Rizal.....	Apr. 2-June 24.....	3	1	
Tarlac.....	May 21-June 10.....	4	4	
Union.....	Aug. 6-12.....	1	1	
Poland:				
Rovno.....	June 11-24.....	8	3	July 9-Aug. 5, 1922: Cases, 61; deaths, 19. Repatriation station: Cases occurring among persons repatriated from Russia.
Do.....	June 25-Aug. 5.....	33	10	
Volhynia.....	July 2-8.....	1	1	
Zamosc.....	Aug. 21.....		1	
Rumania:				
Bucharest.....	do.....	1		To July 31, 1922: Cases 11; deaths, 6. First case in soldier from frontier on Dniester River. Crangasi, a suburb of Bucharest.
Crangasi.....				
Province—				
Bessarabia—				Reported Aug. 11. Prefecture. Cholera reported Aug. 11 among troops in garrison.
Cobusea.....	July 24.....	1		
Codacshiti.....		3		
Orhei.....				
Rascautzi.....		11	1	Reported July 29.
Siam:				
Bangkok.....	Apr. 30-June 17.....	15	9	
Do.....	July 2-Aug. 12.....	8	4	
Straits Settlements:				
Singapore.....	July 16-22.....	1	1	

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 from July 1 to October 20, 1922—Continued.****CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Syria:				
Aleppo.....	May 27-June 3.....			A few cases in interior.
Do.....	June 25-Sept. 2.....			Present in interior.
On vessel:				
S. S. Chios.....	July 16.....	1		At Kavak Quarantine Station: Bosphorus, from Novorossysk, a Russian Black Sea port. Case occurred in a recognized carrier. Vessel carried refugees for Saloniki, Greece. Six bodies buried at sea: 12 cases landed at Kavak during stay.

PLAGUE.

Algeria:				
Algiers.....	Aug. 27.....	1		
Oran.....	Aug. 1-31.....	10	3	
Asia Minor:				
Smyrna.....	May 28-June 17.....	3	1	
Do.....	June 30-Aug. 26.....	8	1	District.
Australia:				
New South Wales—				
Sydney.....	June 1-15.....	2		Apr. 2-June 10, 1922: 19 plague-infected rats found.
Queensland—				
Brisbane.....	July 23-29.....			One plague rat.
Azores:				
St. Michaels Island.....	June 25-Sept. 2.....	85	23	From 3 to 9 miles from port of Ponta Delgada.
Brazil:				
Bahia.....	June 11-17.....	1		May 7-June 4, 1922: Rodent; occurring in one section of the city. Many dead rats found.
Do.....	Aug. 20-26.....	1		
Pernambuco.....	May 7-13.....	1		
Porto Alegre.....	July 30-Aug. 26.....	1	3	
British East Africa:				
Kenya Colony.....				
Nairobi.....	Feb. 1-28.....	15	15	Mar. 1-June 30, 1922: Cases, 371; deaths, 344. July 9-15, 1922: Deaths, 14.
Cape Verde Islands:				
St. Vincent.....	Sept. 4.....			Present.
Ceylon:				
Colombo.....	May 6-June 24.....	13	10	Plague rats, 5.
Do.....	June 25-Sept. 2.....	18	19	Plague rats, 9.
China:				
Amoy.....	May 7-June 24.....		87	May 20, 1922: From 10 to 20 deaths reported daily. July 16-Aug. 12, 1922: Present; stated to be decreasing.
Do.....	June 25-July 15.....		76	
Canton.....	May 1-June 30.....	28	23	June 17-24, 1922: Present. June 21: Mildly epidemic; 2 fatal cases in foreign physicians. Aug. 13-19, 1922: Present.
Foochow.....	May 7-June 10.....	5	4	
Do.....	July 2-Aug. 12.....	3	1	
Hongkong.....	June 4-24.....	176	104	
Do.....	June 25-Aug. 26.....	136	101	
Ecuador:				
Guayaquil.....	June 1-15.....			Rats found infected, 16; examined, 3,400.
Do.....	July 1-Sept. 15.....			Rats examined, 21,609; found infected, 56.
Egypt:				
City—				
Alexandria.....	June 1-28.....	21	6	Jan. 1-June 29, 1922: Cases, 280; deaths, 120. Jan. 1-Aug. 10, 1922: Cases, 435; deaths, 200. (Corrected report.)
Do.....	July 2-Sept. 9.....	18	7	Septicemic, 1.
Port Said.....	June 12-25.....	2	5	Foreign cases, 2; deaths, 2.
Do.....	July 2-Sept. 9.....	28	21	
Suez.....	May 24-June 25.....	7	6	
Do.....	July 10-Aug. 8.....	3	2	Aug. 5, 1922: One case imported from Mauritius on S.S. Dumbea.
Province—				
Assiout.....	May 30-June 23.....	14	8	Septicemic, 1.
Do.....	July 11-Aug. 5.....	6	3	
Benisouef.....	May 26-June 30.....	19	7	
Do.....	July 2-Sept. 2.....	29	13	

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

Reports Received from July 1 to October 20, 1922—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt—Continued.				
Province—Continued.				
Fayoum.....	June 2-29.....	8	4	
Do.....	July 2-20.....	13	3	
Gharbiyah.....	May 26-June 30.....	37	13	
Do.....	July 2.....	3		
Menoufiyah.....	July 20.....	1	1	
Minieh.....	June 2-29.....	24	7	
Do.....	July 14-Aug. 19.....	16	7	
Sinnuris (district).....	Sept. 3-9.....	1		
France:				
Paris.....	Aug. 11-18.....	4		
Greece:				
Patras.....	Apr. 24-June 25.....	5	3	
Piræus.....	Aug. 1-31.....	3	1	
Hawaii:				
Hamakua.....	June 30-July 4.....	1	1	At Kalopa Homesteads. Case Hawaiian.
Do.....	July 8.....	•		Hamakua Mill Co. One plague rat trapped; found positive, July 14, 1922.
Honokaa.....	Aug. 19-Sept. 10.....		4	Japanese and Filipinos; bubonic and septicemic. Aug. 12-Sept. 13, 1922: 3 plague rats found.
Honokaa Mill.....	Aug. 24.....	1	1	Japanese; pneumonic.
Kalopa.....	July 13.....	1	1	Contact with case at Kalopa Homesteads, July 4.
Paauihau.....	June 30.....			One plague rat trapped at Paauihau Gulch, June 29; found positive June 30, 1922.
Paauiho.....	July 7.....		1	At Pohakaa; Japanese.
Pohakaa.....	Aug. 1-16.....	2	2	Aug. 1, Japanese child; case reported positive for plague Aug. 6, 1922. Form, pneumonic. Aug. 16, 1 fatal case in Japanese.
Pohakuhaku.....	July 12.....	1	1	Hawaiian. Reported positive, July 19.
India.....				Apr. 23-June 24, 1922: Cases, 6,310; deaths, 4,812. June 25-Aug. 12, 1922: Cases, 3,064; deaths, 2,212.
Bombay.....	Apr. 23-June 24.....	168	123	Surrounding country, July 2-8, 1922: Cases, 21; deaths, 16.
Do.....	June 25-Aug. 12.....	19	12	
Calcutta.....	Apr. 23-June 24.....	56	54	
Do.....	June 25-Aug. 19.....	16	16	
Karachi.....	May 23-June 24.....	59	55	
Do.....	June 25-July 8.....	3	3	
Madras Presidency.....	May 21-June 24.....	74	36	
Do.....	June 25-Sept. 2.....	704	447	
Rangoon.....	May 6-June 24.....	175	161	
Do.....	June 25-Aug. 26.....	333	301	
Indo-China:				
Saigon.....	Apr. 23-June 24.....	30	21	
Do.....	June 25-Aug. 19.....	10	7	Including area of 100 square kilometers.
Italy:				
Catania.....	June 17.....	1		
Naples.....	July 18-25.....	4		Occurring in suburbs, viz. at Torre Annunziata, July 18-20, 3 cases; San Giovanni à Teduccio, July 25, 1 case.
Japan:				
Osaka.....	July 11-20.....	7	6	Reported as having occurred during past month, cases, 9; deaths, 8.
Java.....				Month of April, 1922: Report of the 7 Provinces of Java: Cases, 413; deaths, 495. May 1-31, 1922: Cases, 293; deaths, 310; occurring in 6 Provinces. June 1-30, 1922: Cases, 222; deaths, 259; occurring in 5 Provinces: July 1-31, 1922: Cases, 208; deaths, 223; occurring in 5 Provinces.
East Java—				Epidemic.
Soerabaya.....	May 7-June 24.....	3	3	
Soerakarta—				
Keporen.....	May 20.....			

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 1 to October 20, 1922—Continued.****PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Madagascar:				
Tananarive Province— Anketrina.....	May 4.....		1	Native village; disease stated to have been present since about Apr. 27, 1922. (Name of locality corrected.)
Tamatave.....	June 26–July 2....	2	1	Present.
Do.....	Aug. 21–Sept. 13..			
Tananarive.....	May 29–June 18....	2	1	
Do.....	July 10–23.....	2	2	
Mesopotamia:				
Bagdad.....	Apr. 1–June 30....	268	188	
Do.....	July 1–31.....	23		
Mexico:				
Tampico.....				Sept. 24–30, 1922: One plague rat.
Vera Cruz.....				June 30, 1922: One plague rat.
Palestine:				
Jerusalem.....	July 4–Sept. 11....	40	2	In native quarter of Jaffa.
Peru				May 1–15, 1922: Cases, 36; deaths, 19. June 1–30, 1922: Cases, 87; deaths, 15. July 1–Aug. 31, 1922: Cases, 95; deaths, 51. Jan. 1–June 30, 1922: Deaths, 13.
Callao.....				
Philippine Islands:				
Manila ¹	June 3.....	1	1	From S. S. Taisang from Amoy, China.
Do.....	Aug. 20–26.....	2		
Portugal:				
Lisbon.....	July 23–Sept. 2....	4	5	
Portuguese West Africa:				
Guinea.....				Reported present Aug. 24, 1922.
Senegal:				
Dakar.....	June 1–30.....	1	1	
Do.....	July 1–31.....	2	2	
Siam:				
Bangkok.....	Apr. 30–June 3....	4	3	
Do.....	July 2–Aug. 12....	5	4	
Spain:				
Barcelona.....	Sept. 24.....		1	
Straits Settlements:				
Singapore.....	Apr. 30–June 24....	8	9	
Do.....	July 9–Aug. 12....	2	2	
Syria:				
Beirut.....	July 30.....	2		
Tunis:				
Tunis.....	June 30–Sept. 9....	4	1	
Turkey:				
Constantinople.....	Aug. 20–Sept. 16..	6	3	
Union of South Africa:				
Orange Free State— Grootkom Farm.....	May 7–13.....			One dead plague-infected rodent found. Locality adjoins Truett's Berg Farm, on which plague-infected mouse was found preceding week.
Rendezvous Ry. Sta- tion.....	May 14–20.....			Plague-infected wild rodent found near.
On vessels:				
S. S. Ardeola.....	June 25–July 8....			At Liverpool. Four plague-infected rats found dead. Vessel from Las Palmas, Canary Islands, June 26, 1922.
S. S. Dumbes.....	Aug. 5.....	1		At Suez, Egypt, from Island of Mauritius. Patient ill two days before arrival. Declared positive Aug. 6.
Greek vessel.....	July 19.....			At Messina, Italy. Cases on board. Vessel not allowed to enter.
S. S. Legie.....	July 29.....			At Hamburg, Germany. Plague rats found. Vessel from Buenos Aires, Argentina.

¹ The reported occurrence of 32 cases of plague with 16 deaths at Manila during August, 1922, appearing in Public Health Reports, Oct. 13, p. 2587, and Oct. 20, p. 2674, was erroneous.

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

Reports Received from July 1 to October 20, 1922—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
On vessels—Continued.				
S. S. Southgate.....	May 30.....	1		At Thursday Island quarantine, Australia. Vessel left Cebu May 2. Rangoon, May 9. Vessel badly rat-infested.
S. S. Taisang.....	June 1-3.....	1	1	At Manila, P. I., from Amoy, China. Patient landed at Manila June 1, 1922. The Taisang was 24 days en route direct from Amoy.

SMALLPOX.

Arabia:				
Aden.....	May 7-June 24.....	60	21	
Do.....	July 2-Sept. 8.....	42	21	
Argentina:				
Rosario.....	June 1-30.....		3	
Asia Minor:				
Smyrna.....	May 14-June 24.....	4		In district.
Do.....	June 25-Aug. 26.....	13		Do.
Bermuda:				
Hamilton.....	Sept. 3-30.....	3		
Bolivia:				
La Paz.....	Mar. 1-Apr. 30.....	97	16	
Brazil:				
Bahia.....	June 25-July 1.....	1	1	
Para.....	May 29-June 25.....	8		
Do.....	July 3-Sept. 17.....	141	2	
Rio de Janeiro.....	May 14-June 24.....	48	12	
Do.....	June 25-Aug. 26.....	67	14	
Sao Paulo.....	Apr. 10-June 11.....	3	10	
British East Africa:				
Kenya Colony.....				Apr. 1-June 30, 1922: Cases, 15.
Dar es-Salaam.....	Apr. 16-June 10.....	26		July 9-15, 1922: Deaths, 5.
Do.....	July 16-Aug. 12.....	18	2	
Nairobi.....	Mar. 1-31.....	22	2	
Zanzibar.....	May 1-June 10.....	36	6	
Do.....	June 24-July 1.....	2		
Canada:				
Alberta—				
Calgary.....	June 18-24.....	1		
Manitoba—				
Winnipeg.....	May 6-June 17.....	3		
Do.....	Sept. 3-9.....	1		
New Brunswick—				
Kent County.....	June 25-July 1.....	2		
Madawaska County.....	June 4-17.....	6		
Do.....	Sept. 10-16.....	1	1	
Ontario.....				Sept. 1-30, 1922: Cases, 19; deaths, 1.
Fort William and Port Arthur.....	Aug. 6-Sept. 23.....	3		
Hamilton.....	July 30-Aug. 12.....	2		
London.....	Aug. 26-Sept. 2.....	1		
North Bay.....	June 3-17.....	2		
Do.....	July 16-Aug. 12.....	3		
Ottawa.....	June 11-July 1.....	17		
Do.....	July 2-Aug. 26.....	14		
Toronto.....	June 18-Sept. 9.....	10		
Saskatchewan—				
Regina.....	Sept. 17-23.....	1		Imported.
Saskatoon.....	Aug. 20-26.....	1		
Ceylon:				
Colombo.....	May 14-20.....	1		
Do.....	July 16-Aug. 26.....	2		
Chile.....				
Concepcion.....	Mar. 14-June 20.....		71	Prevalent, July 3, 1922, throughout southern Provinces.
Do.....	June 27-Sept. 4.....		30	
Quillon.....				In Concepcion Province; epidemic in May, 1922, with 60 reported cases. To June 5, epidemic.
Do.....	June 27-July 3.....			Epidemic.

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

Reports Received from July 1 to October 20, 1922—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chile—Continued.				
San Patricio.....	May 16-22.....	13		
Talcahuano.....	May 22-June 24.....	33	19	May 16-22, 1922: Present.
Do.....	June 25-July 30.....	5	7	
Temuco.....				Province of Cautin; epidemic in May, 1922.
Valparaiso.....	Mar. 26-June 19.....		115	Incomplete; several districts not reporting.
Do.....	June 25-July 30.....		46	
China:				
Amoy.....	May 7-20.....			Present. June 18-24, 1922: 1 death.
Do.....				Present.
Antung.....	July 16-Aug. 26.....			
Do.....	May 29-June 18.....	4		
Do.....	July 3-16.....	5		
Chungking.....	May 28-June 24.....			Do.
Do.....	June 25-July 29.....			Do.
Foochow.....	May 14-20.....	1		Aug. 13-19, 1922: Present.
Hankow.....	June 25-July 1.....	1		
Hongkong.....	May 14-June 24.....	41	32	
Do.....	July 16-Aug. 12.....	3	2	Aug. 13-26, 1922: Present.
Manchuria—				
Dairen.....	May 15-June 18.....	4	1	
Do.....	June 26-July 17.....	4	1	
Harbin.....	May 22-28.....	1		
Do.....	July 30-Aug. 5.....	1		
Mukden.....	June 18-24.....			Present.
Do.....	July 16-22.....			Do.
Nanking.....	May 7-June 24.....			Do.
Do.....	June 25-Aug. 26.....			Do.
Shanghai.....	May 22-28.....	1		Native.
Tientsin.....	May 14-20.....			Present.
Tsingtau.....	May 9-June 18.....	4	3	Including leased territory of Kia-ochow, Japanese population along Shantung Railway, and Japanese residents, Tsinan.
Do.....	June 26-July 30.....	5	3	Do.
Chosen (Korea):				
Chemulpo.....	May 1-31.....	1		
Fusan.....	May 1-June 30.....	147	60	
Do.....	July 1-31.....	13	9	
Seoul.....	May 1-June 30.....	26	5	
Do.....	July 1-31.....	23	8	
Cuba:				
Antilla.....	June 18-24.....	1		July 1-Aug. 20, 1922: Cases, 68.
Do.....	Sept. 17-23.....	1		Reported for Preston.
Cienfuegos.....	June 24-July 1.....	1		
Habana.....	July 1-Aug. 31.....	10		
Santiago.....	June 1-30.....	3		
Do.....	Sept. 1-30.....	1		
Domenica				
	Aug. 5-Sept. 9.....			Present. Aug. 23, 1922: Epidemic. Island in Leeward Islands.
Dominican Republic:				
Puerto Plata.....	Sept. 12-25.....	6		
San Pedro de Macoris.....	May 21-June 24.....	167	2	City and country. Corrected report.
Do.....	June 25-Sept. 10.....	278	2	City and district. Corrected report.
Santo Domingo.....	June 4-24.....	3	9	Including vicinity.
Do.....	June 25-July 29.....	2	4	July 30-Aug. 5, 1922: A few cases city and vicinity.
Ecuador:				
Guayaquil.....	July 16-Sept. 15.....	8		
Milagro.....	Sept. 1-15.....	1		
Nobol.....	do.....	1		
Egypt:				
Alexandria.....	July 23-Aug. 12.....	2	2	
Cairo.....	Apr. 30-June 24.....	13	5	
Port Said.....	May 7-June 24.....	3	1	
Finland				
	June 1-30.....	2		
Do.....	July 1-15.....	1		
Fiume.....	June 13-19.....	1		
Do.....	July 10-16.....	1		
France:				
Paris.....	June 1-10.....	1	1	

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

Reports Received from July 1 to October 20, 1922—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Great Britain:				
Halifax.....				Outbreak reported under date of June 17, 1922.
Huddersfield.....				Do.
Liverpool.....	Aug. 13-19.....	1		In port hospital.
London.....	July 30-Aug. 19.....	5	1	
Sheffield.....	May 28-June 17.....	5		
Southampton.....	June 18-24.....	2		
Greece:				
Saloniki.....	May 1-June 25.....	3	1	
Do.....	July 17-23.....	1	1	
Syra Island.....	May 28.....	12	5	
Haiti:				
Cape Haitien.....	June 11-17.....	1		
Plaine du Nord.....	do.....			Vicinity of Cape Haitien. Present.
India:				
Bombay.....	Apr. 23-June 24.....	38	17	Feb. 26-Mar. 25, 1922: Deaths, 1,162 (date of report corrected).
Do.....	July 2-15.....	4	2	Mar. 26-May 20, 1922: Deaths, 6,015. June 4-24: Cases, 2,813; deaths, 919. June 25-Aug. 12, 1922: Cases, 6,098, deaths, 1,673.
Calcutta.....	Apr. 23-June 24.....	84	67	
Do.....	June 25-Sept. 2.....	27	19	
Karachi.....	May 23-June 24.....	35	9	
Do.....	July 16-Sept. 9.....	16	4	
Madras.....	May 14-June 24.....	207	94	June 19-25, 1922: Cases, 30; deaths, 15.
Do.....	July 2-Aug. 26.....	377	174	
Rangoon.....	May 7-June 24.....	37	16	
Do.....	July 2-Aug. 26.....	32	15	
Indo-China:				
Saigon.....	June 30-Aug. 19.....	36	26	Including area of 100 square km.
Japan:				
Kobe.....	June 19-25.....	2		
Taiwan Island.....	June 11-30.....	26	3	
Do.....	July 22-Aug. 10.....	27	4	
Yokohama.....	May 29-June 25.....	4	2	
Do.....	June 26-July 20.....	48	8	
Java:				
West Java—				
Batavia.....	Apr. 28-June 30.....	20	3	City and Province.
Do.....	July 9-Sept. 1.....	38	7	Province.
Luxemburg.....	June 15-30.....	1	1	
Malta.....	May 1-June 15.....	4		June 1-30, 1922: Cases, 2.
Mesopotamia:				
Bagdad.....	Apr. 1-June 30.....	36	40	
Do.....	July 1-31.....	38		
Mexico:				
Chihuahua.....	June 22-Sept. 17.....		2	
Guadalajara.....	May 1-June 30.....	13		
Do.....	July 1-31.....	4	1	
Manzanillo.....	June 6-25.....		1	Estimated cases, 4 to 10.
Do.....	June 27-July 3.....	6	1	Estimated.
Mexico City.....	May 21-June 24.....	129		Including municipalities in Federal district. Report June 11-17, 1922: not received.
Do.....	June 25-Sept. 2.....	189		Including municipalities in Federal district. State of Sonora.
Nogales.....	July 22-Aug. 5.....	26	3	
San Luis Potosi.....	July 23-Sept. 9.....		11	
Torreón.....	July 1-31.....		1	
Panama:				
Colon.....	July 1-31.....	2		July 1-31, 1922: Cases, 4, of which 1 in nonresident and not locally reported.
Panama.....	do.....	1		
Persia:				
Teheran.....	Apr. 23-May 22.....	2		
Peru:				
Callao.....				May 1-15, 1922: Cases, 5; deaths, 4. June 1-30, 1922: Cases, 16; deaths, 7; Aug. 1-31, 1922: Cases 23; deaths, 5.
Lima.....				Jan. 1-June 30, 1922: Deaths, 1.
Poland:				Jan. 1-June 30, 1922: Deaths, 23.
Do.....				Mar. 26-June 24, 1922: Cases, 1,210; deaths, 241.
				June 25-Aug. 5, 1922: Cases, 191; deaths, 40.

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

Reports Received from July 1 to October 20, 1922—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Portugal:				
Lisbon.....	May 29-June 25...	6	8	Corrected report. July 22-Aug. 5, 1922: Cases, 19; deaths, 4.
Do.....	June 26-Sept. 9...	123	60	
Oporto.....	Aug. 27-Sept. 2...	1	1	
Portuguese East Africa:				
Lourenco Marques.....	July 23-29.....	1	1	
Portuguese West Africa:				
Angola—				
Loanda.....	June 25-July 1.....	1	1	
Russia:				
Esthonia.....	May 1-June 30.....	6	1	
Do.....	July 1-31.....	1	1	
Lettonia.....	May 1-June 30.....	51	1	
Senegal:				
Dakar.....	June 1-30.....	4	4	
Spain:				
Barcelona.....	June 22-28.....	1	1	
Do.....	June 29-Aug. 16.....	2	2	
Bilbao.....	Aug. 1-31.....	4	4	
Cadix.....	Aug. 1-30.....	1	1	
Corunna.....	June 11-17.....	1	1	
Huelva.....	Apr. 1-June 30.....	4	4	
Seville.....	June 11-17.....	36	36	Week ended June 11, 1922: Many cases.
Do.....	June 18-Sept. 24.....	1	133	
Valencia.....	May 21-27.....	1	1	
Straits Settlements:				
Singapore.....	Apr. 30-June 5.....	11	2	
Do.....	July 30-Aug. 19.....	3	1	
Switzerland:				
Basel.....	May 28-June 3.....	1	1	
Berne.....	May 14-20.....	1	1	
Do.....	July 9-Sept. 9.....	18	1	
Lucerne.....	July 1-31.....	1	1	
Zurich.....	Apr. 23-June 12.....	9	9	
Do.....	June 25-Sept. 9.....	55	55	
Syria:				
Aleppo.....	June 4-24.....	1	1	Present.
Damascus.....	June 18-24.....	1	2	
Do.....	June 25-Aug. 26.....	14	2	
Tunis:				
Tunis.....	July 17-23.....	1	1	
Turkey:				
Constantinople.....	May 21-June 24.....	21	6	
Do.....	June 25-Sept. 16.....	30	8	
Union of South Africa:				
Cape Province.....				Apr. 1-June 30, 1922: Cases, 173; deaths, 12 (colored); white, cases, 36. July 1-31, 1922: Colored—cases, 171; deaths, 3. White—6 cases.
Do.....				Apr. 1-June 30, 1922: Cases, 87; deaths, 3 (colored); white, 6 cases. July 1-31, 1922: Cases, 59; deaths, 2 (colored).
Natal:				Outbreaks.
Do.....	Aug. 20-26.....	1	1	Apr. 1-May 31, 1922: Cases, 20; deaths, 3 (colored); white, 20 cases. July 1-31, 1922: Cases, 5 (colored).
Orange Free State:				May 1-31, 1922: Cases, 12; deaths, 1 (colored). July 1-31, 1922: 1 case (colored).
Southern Rhodesia:				In natives, 3 cases.
Do.....	May 11-June 28.....	67	4	
Transvaal:				
Do.....	June 29-Aug. 23.....	35	35	Apr. 1-June 30, 1922: Cases, 54 (colored); white, 10 cases. July 1-31, 1922: Colored—cases, 106; deaths, 1. White, 6 cases.
Do.....	Aug. 20-26.....	1	1	Outbreaks.
Johannesburg.....	May 1-31.....	1	1	
Virgin Islands:				
St. Thomas.....	June 5-18.....	1	1	At quarantine. From vessels from Dominican Republic.
Yugoslavia:				Sept. 4-24, 1921: Cases, 11; deaths, 4.
Croatia-Slavonia—				
Zagreb.....	June 4-10.....	1	1	
Do.....	Aug. 6-12.....	1	1	
Serbia:				
Belgrade.....	June 11-17.....	1	1	Oct. 23-29, 1921: Cases, 5.

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

Reports Received from July 1 to October 20, 1922—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
On vessels:				
S. S. Changsha.....	May 11.....	1	.....	At Hongkong, China. Case landed from vessel; patient, intending passenger. Vessel proceeded to Australian ports.
S. S. Comeric.....	do.....	1	.....	At sea, en route to Durban, S. A., from Sydney, Australia. (Public Health Reports, June 23, 1922, p. 1555.)
Schr. Fancy Mc.....	May 28.....	.....	.....	At St. Thomas, Virgin Islands. From San Pedro de Macoris, Dominican Republic. One case removed to quarantine June 5; died June 18.
S. S. Montoro.....	July 8.....	1	.....	At Darwin, Australia. Vessel left Singapore June 28 for Darwin via Java ports: Case, Chinese, developed July 4. Case landed at quarantine; vessel proceeded in quarantine to Sydney, via northern ports.
S. S. Shelley.....	Apr. 19.....	1	.....	At sea, en route from Hongkong. Vessel left Hongkong Apr. 17. Arrived Thursday Island quarantine, Australia, Apr. 28, 1922. Case, member of crew; type, confluent hemorrhagic.
S. S. St. Albans.....	May 18.....	1	.....	At Thursday Island quarantine, Australia. Case in person of Chinese steerage passenger. Vessel left Shimoda, Japan, for Melbourne via Hongkong and Manila. Left Thursday Island for Australian ports.

TYPHUS FEVER.

Algeria:				
Algiers.....	May 1-31.....	16	4	
Do.....	Aug. 1-31.....	2	1	
Oran.....	June 1-30.....	3	1	
Do.....	July 1-Aug. 10.....	.....	3	
Asia Minor:				
Smyrna.....	May 14-June 24...	8	.....	City and district. Corrected report.
Do.....	June 25-Aug. 19...	11	.....	District.
Austria:				
Vienna.....	May 7-June 10.....	3	1	
Do.....	July 2-15.....	2	1	
Australia:				
Brisbane.....	July 9-Aug. 12.....	2	.....	
Bolivia:				
La Paz.....	Mar. 1-Apr. 30.....	15	8	
Bulgaria:				
Sofia.....	May 28-June 17.....	4	.....	
Chile:				
Concepcion.....	Apr. 11-May 29.....	.....	10	
Do.....	June 27-Aug. 21.....	.....	5	
Valparaiso.....	Apr. 2-22.....	.....	6	
Do.....	July 18-24.....	.....	1	
China:				
Antung.....	May 15-21.....	1	.....	
Do.....	July 10-Aug. 20.....	8	.....	
Foochow.....	May 14-20.....	1	.....	
Do.....	Aug. 6-12.....	4	.....	
Hankow.....	July 9-15.....	1	1	
Manchuria:				
Harbin.....	May 8-June 11.....	4	.....	
Do.....	June 26-Aug. 27.....	5	.....	

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

Reports Received from July 1 to October 20, 1922—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Czechoslovakia:				
Prague.....	June 11-17.....	1	.....	
Do.....	July 1-Aug. 26.....	2	1	
Danzig (Free City).....	June 4-10.....	1	.....	
Egypt:				
Alexandria.....	June 4-24.....	9	6	
Do.....	June 25-Sept. 9.....	25	13	July 22-29, 1922: 1 imported paratyphoid.
Cairo.....	Mar. 19-June 24.....	91	62	Relapsing fever, Mar. 26-Apr. 8, 1922: 1 case.
Do.....	June 25-July 15.....	20	15	
Port Said.....	May 28-June 3.....	1	.....	
Do.....	July 2-Sept. 15.....	4	4	
Germany:				
Berlin.....	Apr. 30-June 24.....	.....	7	May 1-6, 1922: Five cases typhus fever at quarantine station of Osternothafen, in persons returning from Russia.
Do.....	June 25-Aug. 12.....	.....	14	
Coblenz.....	July 2-Sept. 23.....	18	1	
Konigsberg.....	May 28-June 3.....	1	.....	
Stuttgart.....	July 22-Aug. 26.....	2	1	
Greece:				
Saloniki.....	May 1-June 18.....	25	1	2 in Russian refugees.
Java:				
East Java—				
Soerabaya.....	July 23-Aug. 5.....	4	2	
Mesopotamia:				
Bagdad.....	Apr. 1-June 30.....	7	2	
Mexico:				
Mexico City.....	Apr. 23-June 24.....	111	.....	Including municipalities in Federal District.
Do.....	June 25-Aug. 19.....	119	.....	Do.
San Luis Potosi.....	Sept. 10-16.....	.....	.....	Present.
Netherlands:				
Amsterdam.....	July 30-Aug. 5.....	1	.....	
Norway:				
Christiania.....	Aug. 15.....	1	1	
Province—				
Finmarken.....	July 26-Aug. 5.....	12	2	Occurring in 3 localities.
Palestine:				
Jerusalem.....	June 27-Sept. 4.....	3	.....	
Persia:				
Teheran.....	Mar. 22-May 22.....	.....	5	
Poland:				
Do.....				Mar. 26-Apr. 22, 1922: Cases, 5,695; deaths, 349. Apr. 23-June 24, 1922: Cases, 9,402; deaths, 631. Recurrent typhus—Mar. 26-Apr. 22, 1922: Cases, 4,515; deaths, 155. Apr. 23-May 6, 1922: Cases, 1,596; deaths, 34. (Corrected report.) May 7-June 24, 1922: Cases, 4,790; deaths, 111.
Do.....				June 25-July 8, 1922: Cases, 994; deaths, 86. Recurrent typhus—June 25-July 8, 1922: Cases, 1,016; deaths, 37.
Warsaw.....	Apr. 23-June 24.....	156	.....	Among transient and permanent residents.
Portugal:				
Oporto.....	May 4-June 24.....	9	4	
Do.....	June 29-Aug. 19.....	2	1	
Seixal.....	Aug. 4.....	1	.....	Village opposite Lisbon.
Rumania:				
City—				Apr. 1-May 31, 1922: Cases, 62.
Bucharest.....	May 1-31.....	14	.....	
Cerenauti.....	do.....	5	.....	
Chisinau.....	Apr. 1-30.....	21	.....	
Cluj.....	May 1-31.....	18	.....	
Constanza.....	do.....	1	.....	
Galata.....	do.....	1	.....	
Sulina.....	do.....	2	.....	
Province—				
Bucovina.....	Jan. 1-31.....	35	13	
Chisinau.....	Apr. 1-30.....	14	.....	Recurrent typhus: Cases, 7.
Transylvania.....	Jan. 1-31.....	16	3	
Russia:				
Esthonia.....	Apr. 1-June 30.....	44	.....	
Do.....	July 1-31.....	7	.....	
Lettonia.....	Apr. 1-June 30.....	635	.....	Recurrent typhus: Cases, 40.

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

Reports Received from July 1 to October 20, 1922—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Spain:				
Barcelona.....	July 13-19.....	.....	1	
Madrid.....	May 1-June 30.....	.....	16	
Do.....	July 1-31.....	.....	6	
Seville.....	May 21-June 3.....	.....	1	
Switzerland:				
Lucerne.....	Aug 1-31.....	2	.....	
Syria:				
Aleppo.....	Aug. 27-Sept. 2.....	.....	.....	Present in interior.
Tunis:				
Tunis.....	June 4-10.....	2	.....	
Turkey:				
Constantinople.....	May 21-June 24.....	16	.....	
Do.....	July 9-Sept. 16.....	27	3	
Union of South Africa.....				Apr. 1-June 30, 1922: Cases, 1,220; deaths, 214 (colored); white, 17 cases.
Cape Province.....				Apr. 1-June 30, 1922: Cases, 1,037; deaths, 194 (colored); white, 16 cases.
Do.....	July 23-26.....	.....	.....	Outbreaks.
East London.....	Aug. 20-26.....	1	.....	
Natal.....				Apr. 1-June 30, 1922: Cases, 57; deaths, 7 (colored).
Do.....	June 25-July 1.....	.....	.....	Outbreaks.
Orange Free State.....				Apr. 1-June 30, 1922: Cases, 97; deaths, 10 (colored); white, 1 case.
Transvaal.....				Apr. 1-June 30, 1922: Cases, 29; deaths, 2 (colored).
Do.....	June 18-Aug. 26.....	.....	.....	Outbreaks.
Johannesburg.....	May 1-June 30.....	7	1	
Do.....	July 1-31.....	1	.....	
Yugoslavia:				
Bosnia-Herzegovina.....	Aug. 7-13.....	1	.....	Aug. 7-13, 1921: 2 new cases.
Croatia-Slavonia.....	Sept. 4-10.....	1	.....	(1921.)
Serbia.....				Do.
Belgrade.....	May 6-June 3.....	2	.....	
Voivodina.....	Aug. 7-13.....	1	.....	(1921.)
From vessels:				
S. S. Chios.....	July 18.....	1	.....	At Kavak quarantine station, Bosphorus, from Novorossysk, a Russian Black Sea port. Vessel carried refugees for Saloniki, Greece. Six bodies buried at sea, 12 cases landed at Kavak.
S. S. Smolensk.....	June 14.....	1	1	From Danzig, May 30, 1922. At embarkation detention camp, Southampton, England. (Public Health Reports, June 30, 1922, p. 1610.)

YELLOW FEVER.

Brazil:				
Bahia.....	July 30-Aug. 26.....	3	2	
Mexico:				
Tampico.....	July 27-29.....	1	1	From Panuco. Patient brought to Tampico on eighth day of illness.
Do.....	Aug. 30.....	.....	6	Of these, 5 with origin at Panuco, State of Vera Cruz; 1 with origin at Tampico.
Tuxpam.....	Oct. 14.....	1	.....	
On vessel:				
Schr. William E. Burnham.....	Sept. 13.....	.....	1	At sea between Paramaribo and Mobile Quarantine, Ala., where the vessel arrived Sept. 14, 1922. The vessel left Freetown, Sierra Leone, June 25, and touched at Mungo and Paramaribo.