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SICKNESS FREQUENCY AMONG INDUSTRIAL EMPLOYEES.

MORBIDITY AMONG A GROUP OF WAGE EARNERS DURING 1920.¹

In previous issues, statistics of disease incidence among a group of wage earners during the first nine months of 1920 have been presented.² In the tabulation accompanying this note, similar statistics are given for the entire year. The figures have been supplied by sick-benefit associations of the employees of certain industrial establishments cooperating with the Public Health Service by reporting currently the cases of sickness and nonindustrial accidents for which sick benefits are paid.

As in previous instances, the tabulation includes only those cases which caused disability for *one week or longer*, and hence only the more serious cases are considered. As soon as a sufficient number of benefit associations having waiting periods of one, two, three, or four days are cooperating, it will be possible to study also cases of illness of shorter duration. Another qualification to be kept in mind in analyzing these data is that a large proportion of the reporting associations specify definite age limits for eligibility to membership and some of them impose other restrictions which prevent the statistics from being entirely comparable with those secured from other sources.

Morbidity records for these associations for the entire year of 1920 have not been available for publication prior to this time. Accurate sickness rates are dependent upon the inclusion of all cases lasting longer than the waiting period specified. On account of the failure of some employees to put in their claims for benefits promptly, and on account of the unsettled status of certain other cases, computation of the rates for the final months of the year has not previously been possible.

The correct diagnosis is probably not always reported. However, since practically all of the reporting associations require a physician's

¹ From the Statistical Office, United States Public Health Service. Data collected and tabulated under the supervision of Dean K. Brundage.

² "Sickness Frequency Among Industrial Employees," Reprint No. 621 from the Public Health Reports, Dec. 3, 1920 pp. 287-297, and "Sickness Frequency Among Industrial Employees," Reprint No. 611 from the Public Health Reports, Mar. 4, 1921, pp. 423-434.

certificate naming the ailment causing disability, it is believed that the diagnoses are sufficiently accurate to give a fairly good picture of serious morbidity among a certain group of working people. As it was desirable to group related diseases for the purpose of facilitating study, the classification used in the International List of Causes of Death was adopted, in accordance with the recommendation of a committee of the American Public Health Association.

The frequency rates of the more prevalent diseases lasting one week or longer are presented in the accompanying table according to the month in which the disability began. The rates are placed on an annual basis—i. e., the rate for any month represents what the total sickness from any specified cause would have been for the whole year had the rate for that month been maintained throughout the year. The number of persons on which the exposure is based is given at the close of the table. It will be noted that the number varies considerably in the different months.

Annual number of cases of sickness and nonindustrial accident cases causing absence from work for one week or longer per 1,000 persons per year among the membership of certain sick-benefit associations reporting to the Public Health Service: By disease causing disability, according to month of onset, January to December, 1920.

Disease or condition causing disability. (With corresponding title numbers in parentheses from the International List of the Causes of Death.)	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
All diseases and conditions¹	275.0	322.7	124.0	103.9	76.7	67.3	67.1	60.1	54.2	34.4	33.2	109.0
General diseases (1-59)	163.7	213.9	64.2	30.1	16.5	13.0	9.7	11.4	10.7	19.3	22.5	38.0
Typhoid fever (1)	1.7	201.4	37.1	13.2	4.6	2.3	1.4	1.2	2.0	7.7	9.3	17.7
Influenza and grippe (10)	142.9	1.1	3.0	9.9	9.9	2.3	1.8	1.4	1.8	3.0	3.0	2.0
Tuberculosis of the lungs (28)	2.5	1.1	3.5	9.9	7.7	7.7	3.0	3.4	3.6	4.4	4.8	7.7
Cancer (all forms) (38-46)	6.6	6.8	5.5	8.0	5.0	6.7	3.0	3.4	3.6	3.4	4.8	7.7
Rheumatism (47, 48)												
Occupational poisonings (57, 58)												
Others (2-9, 11-27, 29-33, 49-56, 59)	10.0	8.5	7.5	6.0	5.2	6.5	3.4	3.8	2.6	4.1	4.7	7.1
Diseases of the nervous system (60-76)²	7.5	6.5	8.0	8.0	6.9	5.0	3.8	4.0	4.3	5.1	5.6	6.2
Insanity (67, 68)	.8	1.1	1.5	.5	2.2	2.2	1.4	1.2	.6	1.8	2.6	2.0
Neuralgia and neuritis (73)	4.2	2.8	2.0	.5	1.7	.8	1.4	1.2	.6	1.8	2.4	2.5
Others (60-66, 69, 70, 72, 74)	2.5	2.3	3.5	4.7	1.7	2.5	1.8	1.6	2.2	2.4	1.3	2.0
Diseases of the eyes (75)												
Diseases of the ears (76)												
Diseases of the circulatory system (77-85)	2.5	1.7	1.0	1.5	1.7	1.1	2.2	2.0	1.8	3.5	2.8	4.7
Diseases of the heart (77-80)	1.7	2.3	1.0	1.4	1.7	1.1	2.2	2.0	1.8	3.5	2.8	4.7
Diseases of the veins (83)	.8	2.3	2.5	1.4	1.7	1.5	1.4	1.6	.8	1.4	1.1	1.6
Others (81, 82, 84, 85)												
Diseases of the respiratory system (86-98)	49.9	40.8	21.0	19.4	16.8	9.3	8.1	10.2	8.1	13.6	15.8	17.7
Bronchitis (89, 90)	21.6	19.3	12.1	8.5	6.3	3.2	3.8	3.8	3.1	4.9	6.7	6.0
Pneumonia (all forms) (91, 92)	15.8	12.5	6.5	4.7	5.0	1.9	1.6	2.0	1.6	2.8	2.4	3.7
Others (86-88, 93-98)	12.5	9.1	6.5	6.1	5.5	4.2	2.6	4.4	2.4	5.9	6.7	4.0
Diseases of the digestive system (99-115)	24.1	22.7	24.1	15.7	15.3	14.1	15.0	15.8	13.8	20.1	21.4	24.6
Diseases of the pharynx (100)	15.0	12.5	10.0	7.1	5.5	4.0	3.4	3.6	4.1	7.5	8.2	11.7
Diseases of the stomach (102, 103)	4.2	5.1	2.0	3.8	3.1	2.9	4.5	4.4	4.9	4.7	5.2	4.0
Diarrhea and enteritis (105)	1.7	1.1	2.0	1.1	1.1	1.3	1.2	2.4	1.8	2.6	1.3	1.1
Appendicitis (108)	3.3	2.3	2.5	2.4	2.4	2.5	3.4	3.2	1.2	1.2	3.9	4.2
Hernia (109)		1.1	1.0	2.4	2.4	2.1	1.2	1.2	1.2	1.2	1.7	2.4
Others (99, 101, 106, 107, 110-115)		.6	3.0	.5	1.5	1.3	2.0	1.0	1.6	1.6	2.1	1.3
Nonvenereal diseases of the genito-urinary system and anemia (116-133)	2.5	3.4	.6	1.4	1.7	1.0	1.4	1.0	1.2	3.2	3.9	2.4
Acute nephritis and Bright's disease (119, 120)	2.5	.6										
Others (121-133)		2.8	.5	1.4	1.7	.4	1.4	1.0	1.2	2.6	3.0	2.4
The puerperal state (134)	5.8	7.4	2.5	5.2	2.2	2.8	4.9	3.3	3.8	4.7	3.4	3.8
Diseases of the skin and cellular tissue (142-145)	3.3	3.4	1.5	3.8	2.7	1.3	2.6	1.0	1.2	1.8	1.1	1.5
Furuncle (143)	2.5	4.0	1.0	1.4	1.5	1.5	2.2	2.2	2.0	3.0	2.2	2.4
Others (142, 144, 145)												

¹ Except the venereal diseases.

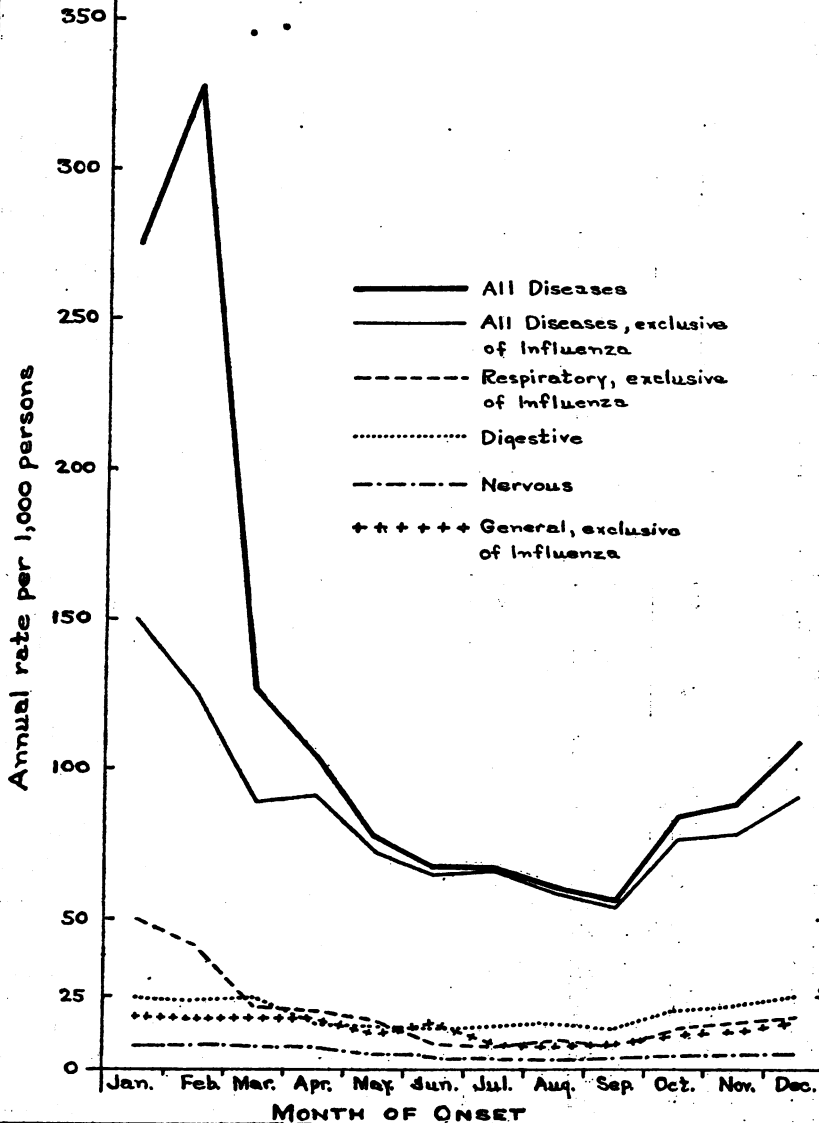
² Including organs of special sense (eyes, ears).

Annual number of cases of sickness and nonindustrial accident cases causing absence from work for one week or longer per 1,000 persons per year among the membership of certain sick-benefit associations reporting to the Public Health Service: By disease causing disability, according to month of onset, January to December, 1920.—Continued.

Disease or condition causing disability (With corresponding title numbers in parentheses from the International List of the Causes of Death.)	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Diseases of the bones and of the organs of locomotion (145-149).....	4.1	1.7	3.0	2.4	2.6	1.7	2.4	2.4	1.8	2.5	2.2	2.9
Disorders of the bones and of the joints (146, 147).....	3.8	.6	1.5	1.0	1.8	1.4	1.0	1.0	.8	1.2	1.0	.4
Osseous, including lumbago (145, 149).....	3.3	1.1	1.5	1.4	2.0	1.3	1.4	1.8	1.0	2.4	2.2	2.6
Arthritis (146).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Disorders of the joints (147).....	3.3	10.8	2.5	12.2	6.1	7.6	12.1	6.2	7.9	7.7	6.3	8.9
Disorders of the muscles and conditions (157-159).....	11.6	7.4	5.6	5.2	2.3	4.8	5.7	2.8	2.3	2.7	3.4	2.6
Number of persons included.....	14,208	23,249	23,527	25,332	54,044	58,036	53,385	58,969	60,264	59,998	65,553	64,303

FREQUENCY OF THE PRINCIPAL DISEASE GROUPS BY MONTH OF ONSET DURING 1920

Annual number of cases per 1,000 members of certain Sick-Benefit Associations reporting to the Public Health Service⁽¹⁾



⁽¹⁾ Includes only those sickness and non-industrial accident cases which caused absence from work for one week or longer.

FIG. 1.

It will be noticed that occupational poisonings are almost entirely absent from this table as a cause of disability, probably for the reasons that the duration of the disability caused thereby is short and that diagnoses are faulty.

In the accompanying graph the rates are plotted for all diseases, for all diseases exclusive of influenza, for diseases of the digestive system, for diseases of the nervous system, and for general diseases exclusive of influenza. The curves reflect clearly the epidemic of influenza occurring in the spring of 1920. The rise in the autumn, however, probably is representative of the normal prevalence of influenza at this season. One of the striking facts to be noted in this graph is the tendency for disability from all causes, after taking out influenza, and for illness due to diseases of the respiratory system, to be relatively high during the influenza epidemic.

Acknowledgments are made to the executives and medical officers and to officers of sick-benefit associations of employees in the various industrial establishments cooperating with the Public Health Service in the reporting of morbidity incidence.

THE STANDARD TREATMENT FOR MALARIA.

By C. C. BASS, M. D., Tulane University Medical College; Chairman, subcommittee on medical research of the National Malaria Committee.

The United States Public Health Service, the State boards of health, and other health agencies are taking advantage of the cure of malaria carriers as a factor in malaria control operations and are urging the physicians of the country to cooperate by treating all of their malaria cases so as to cure the infection as well as relieve the clinical symptoms. If all the physicians of the country would cure the infection in all the cases they treat, it would greatly reduce malaria prevalence and transmission.

The Standard Quinine Treatment recommended by the National Malaria Committee and approved by the United States Public Health Service is a most effective and practical method of treatment for this purpose. It is as follows:

"For the acute attack, 10 grains of quinine sulphate by mouth three times a day for a period of at least three or four days, to be followed by 10 grains every night before retiring for a period of eight weeks. For infected persons not having acute symptoms at the time, only the eight weeks' treatment is required.

"The proportionate doses for children are: Under 1 year, one half grain; 1 year, 1 grain; 2 years, 2 grains; 3 and 4 years, 3 grains; 5, 6, and 7 years, 4 grains; 8, 9, and 10 years, 6 grains; 11, 12, 13, and 14 years, 8 grains; 15 years or older, 10 grains.

This Standard Quinine Treatment for malaria should be taken only upon the advice of a physician and under his direction.

It is in the cure of the infection so as to prevent the person from remaining a carrier, a potential source of infection to others and likely to relapse himself, that these health agencies are especially interested. They therefore especially desire that the eight weeks' treatment should be carried out following relief of the acute symptoms in all cases of malaria.

Many physicians throughout the country have adopted the Standard Treatment and advise all of their patients to take quinine for eight weeks following the relief of the acute attack to get rid of the infection. One of the obstacles met with by those who are doing this has been the high price their patients have had to pay for the necessary quinine for the eight weeks' treatment.

To aid physicians who will cooperate with the efforts of the health agencies, by giving their malaria cases the Standard Treatment to cure their infection, arrangements have been made with a large manufacturer and dealer in quinine and quinine goods, to put up and supply for sale through the usual trade channels the eight weeks treatment part of the Standard Quinine Treatment for malaria. It is put up in packages containing the necessary amount for the full eight weeks' treatment, labeled with an approved label stating clearly the contents of the package, the age of the person for whom it is intended, and the retail price.

The quinine is put up in the form of one hundred and twelve 3-, 4-, or 5-grain capsules for the 6-, 8-, or 10-grain doses. For persons under 8 years of age it is prepared in aromatic sirup of yerba santa, each teaspoonful containing the desired dose according to the doses recommended in the Standard Treatment for different ages.

The retail prices for the different sizes are considerably lower than the present retail prices for quinine in this form. Jobbers will allow retail merchants or physicians a discount of 20 per cent, which allows 25 per cent profit to the retailer.

A standard order blank has been prepared which will facilitate, but is not necessary in, the placing of orders. These order blanks may be obtained, upon request, from the United States Public Health Service, Courthouse Building, Memphis, Tenn., or from the State boards of health of any of the southern States.

Physicians, drug stores, other stores, or health agencies should send orders to their regular wholesale drug jobbers, to be handled in the same way as other orders are handled.

To aid the physicians of the country, many of whom will wish to cooperate in the general campaign against malaria, and to take advantage of this arrangement whereby the Standard Treatment is

supplied at reasonable price, it is recommended that the State boards of health send a copy or a reprint of this communication, with order blanks, to the physicians of States where malaria prevails.

A PORTABLE CYANIDE GAS GENERATOR FOR FUMIGATING SMALL COMPARTMENTS.

By C. M. FAUNTLEROY, Surgeon, United States Public Health Service.

The apparatus here described is designed to be used for the fumigation of small compartments on ships, such as living quarters, store-rooms, pantries, galleys, forepeak and poop spaces, forecastles, etc.,

A PORTABLE GENERATOR FOR FUMIGATING SMALL COMPARTMENTS WITH CYANIDE GAS. DESIGNED BY C. M. FAUNTLEROY, SURGEON, U.S. PHS.

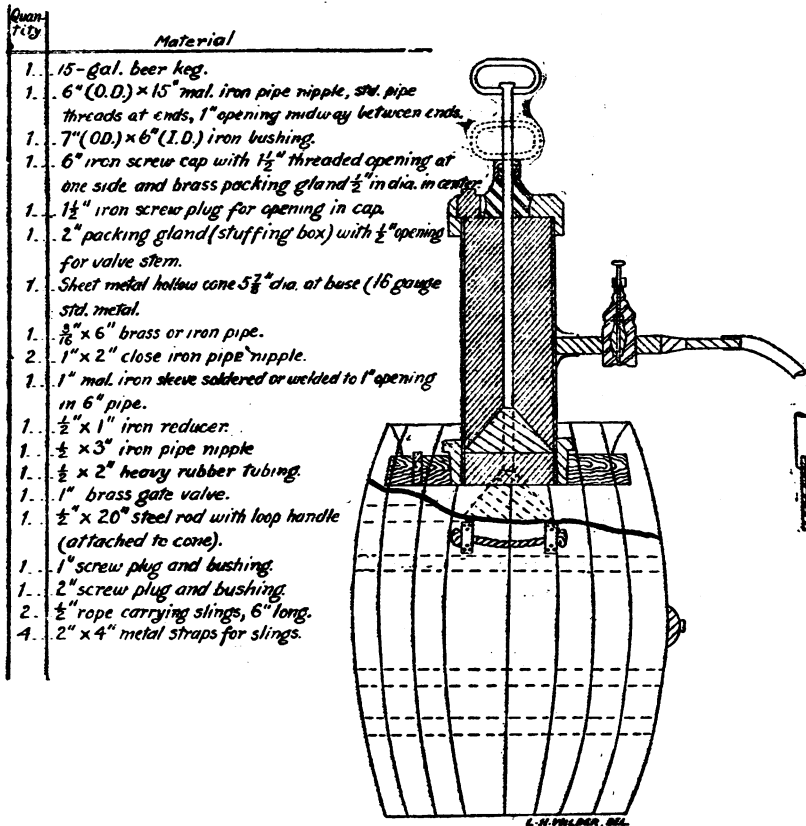
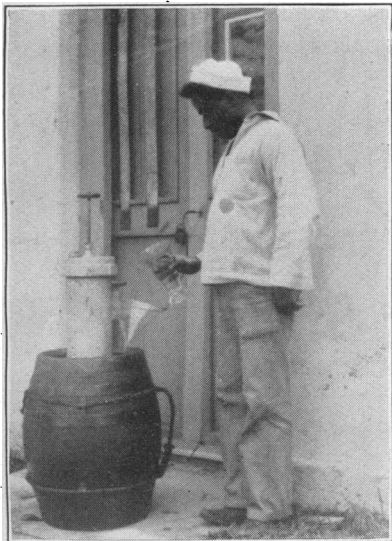
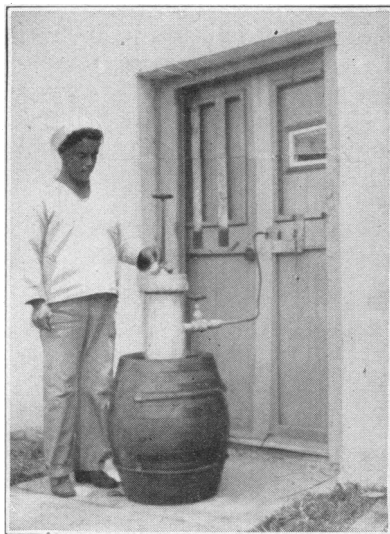


FIG. 1.

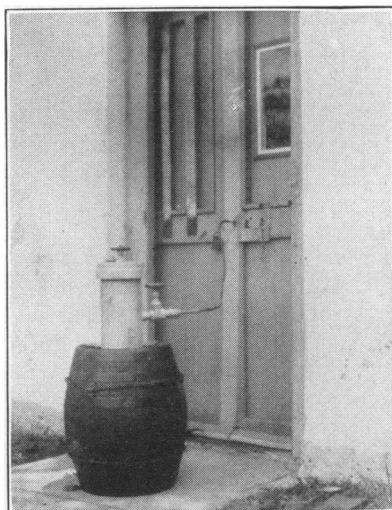
by a method of fractional generation of hydrocyanic acid gas. The gas is produced by the combination of dilute commercial sulphuric acid and dry sodium cyanide, in a portable generator, and is discharged into sealed compartments, from the outside, through the keyholes in doors or through other available small openings, such as windows and ventilators.



A. Introducing water and sulphuric acid into generator through $\frac{1}{2}$ -inch hole, preparatory to fumigation.



B. Introducing sodium cyanide through $1\frac{1}{2}$ -inch hole in cap, preparatory to fumigation. Valve is in proper position for loading.



C. Generator discharging gas through keyhole.

DESCRIPTION OF APPARATUS.

For purposes of description, the apparatus will be divided into two main parts, as follows: (1) Keg generator; (2) superstructure.

The keg generator.—The keg generator consists of an ordinary beer keg having a capacity of approximately 15 gallons. In the center of the top, there is inserted a standard cast-iron bushing having an inside diameter of 6 inches and an outside diameter of 7 inches. The bushing is tightly screwed to a circular opening sawed through the top, the threads being first covered with a thick mixture of red lead and linseed oil to insure tightness. Another iron bushing, with an inside diameter of 1 inch, is inserted in like manner through the top, midway between the large bushing and the side staves of the keg, and a 1-inch iron plug is screwed into this bushing. The circular opening in the center of one side of the keg is provided with standard pipe threads tapped into the heavy sheet iron which surrounds the opening, and a 2-inch iron bushing, with plug, is screwed into this opening. The small opening found in the bottom of the keg is tightly plugged and covered over with sheet lead held in place by 1-inch copper tacks. Two rope handles are attached to opposite sides of the keg, one-third the distance from the top to the bottom, and are held in place by metal straps securely fastened to the side of the keg by screws. The handles are made with manila rope, one-half inch in diameter, knotted at both ends to prevent slipping through the metal straps.

In making the selection of the kegs, care should be taken to use only those found to be in sound condition throughout.

The superstructure.—The superstructure consists of three main parts as follows: Cyanide hopper, long-stem valve, and discharge pipe. The cyanide hopper consists of a malleable iron pipe nipple, 6 inches in diameter and 15 inches in length, and provided with standard pipe threads at both ends on the outside surface. One end is covered with a standard cast-iron screw-cap having a threaded opening $1\frac{1}{2}$ inches in diameter, located to one side and closed by an iron plug. The metal cap is also fitted, exactly in the center of its top surface, with a brass packing gland having an opening $\frac{1}{2}$ inch in diameter for the operation of the valve stem. The other end of the hopper pipe is screwed into the large bushing inserted in the top of the keg generator, the threads being first covered with graphite grease to permit of easy removal of the pipe. The threads at the capped end of the hopper pipe are also covered with graphite grease, as are the threads on the iron plug which closes the opening in the metal cap.

In the center of one side of the hopper pipe, there is drilled a 1-inch hole, to which is welded an ordinary iron pipe sleeve threaded to receive a 1-inch pipe.

The long-stem valve consists of a smooth steel rod $\frac{1}{2}$ inch in diameter and 20 inches in length, with an oblong loop handle made of $\frac{1}{2}$ -inch round iron and held in position on the rod by a steel nut screwed onto the end of the steel rod. The lower side of the loop handle is flattened to permit the drilling of the $\frac{1}{2}$ -inch hole to receive the rod. To the other end of the steel rod there is welded a hollow cone made of malleable sheet iron of #16 gauge, U. S. standard measure, the base of which is exactly $.5\frac{1}{2}$ inches in diameter. The rod is welded to the apex of the metal cone, which points upward. The steel rod passes through the opening in the packing gland, which is threaded through the exact center of the large metal cap covering the end of the hopper pipe, and forms a gas-tight joint. The packing gland is provided with a ring of graphite packing.

The discharge pipe consists of a 1-inch pipe nipple, 2 inches long, one end of which is screwed into the metal sleeve welded to one side of the cyanide hopper, the other end being screwed into a 1-inch brass gate valve. The other side of the valve receives one end of another 1-inch pipe nipple of the same length, the other end of which is screwed onto a metal reducer, 1-inch to $\frac{1}{2}$ -inch, to which is attached a $\frac{1}{2}$ -inch pipe nipple 3 inches long. To the end of this nipple is attached a noncollapsing rubber hose, 2 feet in length. To the other end of the rubber hose, there is attached a metal pipe 6 inches long and reduced to $\frac{3}{16}$ of an inch to permit its passage through key holes. An additional heavy rubber hose, $\frac{3}{4}$ inch in diameter and furnished with couplings and a reducer, may be substituted for the smaller pipe by connecting it with the pipe nipple next to the gate valve. The first three joints in the discharge pipe, including both 1-inch nipples and gate valve, are made as tight as possible, the threads being first treated with thick shellac varnish before the parts are assembled. All other joints beyond the gate valve are treated with graphite grease to facilitate removal.

PREPARATION FOR FUMIGATION AND DESCRIPTION OF OPERATION.

Each and every compartment which is to be subjected to cyanide fumigation must be very carefully prepared beforehand by the proper sealing of all cracks and other openings. This part of the procedure is of paramount importance and must be thoroughly done, otherwise a considerable percentage of the gas will be wasted by leakage and the efficiency of the fumigation will be much reduced. In order to facilitate the work and to promote efficiency, it is very desirable to inaugurate a standard routine method of procedure which will be strictly followed by the force of fumigators in every case, if possible.

The vessel to be fumigated is visited by the person who will have general supervision of the work. He examines all compartments that are to be fumigated, carefully estimates the space, and marks with chalk on the door or wall of each compartment the number of ounces of sodium cyanide which must be employed in the fumigation. The men who are assigned to the work of sealing the compartments proceed with the preparation, which includes, first, the proper disposition of the contents, so as to facilitate the access of the gas to every part of the interior space and contents thereof; and, second, the thorough sealing of all openings, large and small, except at the point where the gas will be admitted to the room, which is usually a keyhole, window, or ventilator.

The person supervising the fumigation determines accurately the quantity of sodium cyanide, sulphuric acid, and water which will be required to complete the fumigation of all the compartments, and instructs the men designated to operate the gas generator to place in the generator keg the entire quantity of the water and acid, in the order named, that will be necessary to complete the fumigation of all the compartments, this being done by means of a glass funnel placed in the opening provided for this purpose in the top of the keg generator. The entire personnel of the vessel having been previously accounted for, and the master's certificate obtained to the effect that the Government will not be responsible for any accidents resulting from the careless exposure of the personnel of his vessel to the gas during the fumigation, the process of fumigation is commenced.

The generator is placed just outside of the door of the compartment, or close to a window or ventilator, whichever is selected as the point of entrance of the gas. If the keyhole is employed for this purpose, the small pipe attached to the end of the rubber hose is inserted into the room: if the window or ventilator is selected, the large rubber hose is connected to the discharge pipe next to the gate valve, the other end of the hose is passed into the room, and the opening through which it enters the compartment is sealed by paper and paste or by pieces of canvas properly placed over the open space surrounding the hose. Having admitted the end of the discharge pipe to the room, one of the operators is instructed to open wide the gate valve and then proceed to "load" the superstructure with the required number of ounces of sodium cyanide (shown by the figure marked in chalk on the door or wall), which is accomplished in the following manner: The loop handle at the top of long-stem valve is pulled upward until the mark made on the steel rod appears at the top of the packing gland, indicating that the cone-shaped valve attached to the other end of the rod has reached a position in which

it completely closes the opening at the lower end of the hopper pipe. The iron plug is then unscrewed from the opening in the top of the metal cap, which closes the upper end of cyanide hopper pipe, and the required number of ounces of the sodium cyanide are dropped through this opening into the hopper pipe and upon the upper surface of the cone-shaped valve. The iron plug is replaced, and the operator is instructed to proceed. He grasps the handle on the top of the steel rod and pushes it straight downward by steady pressure until it rests upon the top of the packing gland. By the time it reaches this position, all the sodium cyanide will have been allowed to drop into the acid and water solution in the keg generator. The gas begins to be discharged into the compartment almost immediately, but the generator should be kept in place for not less than 2 minutes to complete discharging, if not more than 10 ounces of sodium cyanide were used. When the amount of cyanide exceeds 10 ounces, the time allowed for the generator to complete discharging gas should be about 5 minutes.

After the completion of the discharge of the gas into the compartment, the gate valve is closed and the discharge pipe is removed from the aperture, which must be sealed immediately in the manner previously indicated, and the generator is moved to the next compartment to be fumigated. The same procedure is repeated in the fumigation of each of the rooms, the fractional generation of the gas being accomplished as required for the various-sized compartments to be treated. The proportions in which the sodium cyanide, sulphuric acid, and water are mixed are, respectively, as follows: 1:1½:2. Care must be taken that the proper proportions of the materials are used, because it is necessary for proper action that the liquid in the keg generator should contain a certain amount of excess acidity to insure the maximum generation of the gas when mixed with the sodium cyanide.

DESCRIPTION OF METHOD OF CLEANING APPARATUS.

Upon the completion of the fumigation of all the compartments in the manner described, it is important to properly clean the interior parts of the apparatus as soon as possible in order to prevent the destructive action of the acid solution upon the exposed parts and to prolong the life of the apparatus.

The iron plug is unscrewed from the opening in the side of the keg generator, which is then turned upon its side with the opening downward and all the acid liquid allowed to drain off through the opening. The generator is then placed in an upright position and carried to the nearest water-supply connection where there is installed an ordi-

nary $\frac{1}{4}$ -inch valve, one end of the large-sized rubber hose used as a discharge pipe in fumigating is connected, the other end is passed into the generator through the opening in the side, and the water is turned on and allowed to run until it overflows from this opening. The water is then turned off and the generator is turned upon its side and drained as above described, after which it is replaced in the upright position.

The end of the hose is now passed into the top of the hopper pipe through the opening in the metal cap used to admit the cyanide, and the water is again turned on and allowed to flow until it runs out through the opening in the side of the generator keg. The keg is finally drained of all water, as above described. If treated in this manner, all exposed parts of the apparatus will be adequately cleansed of all the acid solution and the apparatus made ready to be stored until further needed. Prior to the storing away of the apparatus, it is advisable to place graphite grease on the long steel rod and also upon the threads on all the iron plugs to facilitate their removal when the generator is again used.

BRIEF SUMMARY OF METHOD OF OPERATION AND OF CLEANING APPARATUS.

1. Remove small screw plug in top of keg generator and pass a glass funnel into the opening; then pour in, first, clean fresh water, followed by proper proportion of commercial sulphuric acid, 66-B, sufficient to complete entire fumigation. Replace the plug.
2. Place apparatus just outside of door, window, or ventilator of compartment. If placed near the door, insert small discharge pipe through keyhole. If placed near window or ventilator use the $\frac{1}{4}$ -inch rubber hose as discharge pipe, making connection just beyond the gate valve.
3. Open wide the gate valve on the discharge pipe.
4. Raise long-stem valve until mark on steel rod shows at top of packing gland.
5. Remove plug from large metal cap and drop into large pipe the number of ounces of sodium cyanide required to fumigate space. (This operation is repeated for each compartment.) Replace iron plug.
6. Push long-stem valve straight down until handle rests upon packing gland.
7. Allow from two to five minutes for discharge of gas into compartment.
8. Clean entire apparatus promptly as follows: Remove plug from side of generator keg and drain off acid solution. Attach $\frac{1}{4}$ -inch hose

to nearest suitable connection with general water supply and thoroughly flush inside of keg through opening in side; then pass end of hose into top of hopper pipe and run in water until it overflows from opening in side of keg. Finally turn generator on side and drain off all water. Before storing apparatus, lubricate steel rod and all iron plugs with graphite grease.

ADVANTAGES TO BE GAINED BY FUMIGATING WITH PORTABLE GENERATOR.

1. It provides a safe, efficient, and rapid process for fumigating small compartments by hydrocyanic acid gas generated by fractional method.

2. It eliminates the necessity for the handling of large numbers of small containers commonly employed to generate the gas.

3. It requires less labor and material for cyanide fumigation of small compartments on vessels, and therefore reduces the expense.

4. It provides a much safer method of fumigating by cyanide gas than by the so-called "pot method," the necessity of having to endanger the lives of the men engaged in the fumigations being practically eliminated.

5. It provides a complete and compact equipment at a small expense, and can be easily transported and operated by two persons; and if properly cared for will remain in serviceable condition over a long period of time.

6. It provides no difficult structural features; the entire apparatus may be readily assembled in almost any locality by a person possessing but little knowledge of mechanics.

FAKE ARSPHENAMINE.

A Warning to Physicians and Druggists.

The following is taken from the Weekly Bulletin of the Department of Health of the City of New York, issue of June 4, 1921:

The Department of Health having made an investigation relative to the sale, in the city, of arspenamine of supposedly German origin, by seamen and other unscrupulous venders, submitted several samples purchased to its chemical laboratory for analysis. The chemist's report shows the samples to be a fraudulent substitution, being a combination of sodium chloride and a yellow dye.

Physicians and druggists are accordingly warned against purchasing such products from unknown persons.

In this connection it is noted that on May 12, 1920, a circular letter was issued by the Surgeon General, warning against spurious products

and giving a list of firms licensed, under the regulations of the Public Health Service, to manufacture arsphenamine and neo-arsphenamine. This circular letter, addressed to medical officers of the United States Public Health Service and others concerned, is printed below:

Your attention is invited to the extensive exploitation, through advertisements in professional journals and otherwise, of various arsenic preparations which are not related to the arsphenamine group. The preparations referred to are sold with claims in regard to their value in the treatment of syphilis which are unwarranted.

In the opinion of this office it is in the interest of all concerned that the subcutaneous, intramuscular, or intravenous use of arsenic in the treatment of syphilis be confined to preparations of the arsphenamine group, as these agents are of established value and are produced under the regulations of the Public Health Service. The following firms are now licensed for the manufacture of arsphenamine and neo-arsphenamine: Dermatological Research Laboratories, 1720 Lombard Street, Philadelphia, Pa.; H. A. Metz Laboratories, 122 Hudson Street, New York, N. Y.; Diarsenol Co., Inc., Buffalo, N. Y.; Takamine Laboratories, Clifton, N. J.

The Lowy Laboratory, of Newark, N. J., has been granted a license to prepare a stable solution of arsphenamine.

It is not the desire of the Bureau to limit clinicians in the choice of agents of recognized worth, but in the case of arsenic preparations, not members of the arsphenamine group, the available evidence indicates that their routine use is inadvisable in the treatment of syphilis. If it is desired to use any of these preparations in a purely experimental way, previous authority from the Bureau should be secured. Applications for this authority should be accompanied by a statement as to the composition of the drug, including the structural formula and the reason for its use. All information available on the value of the preparation should be forwarded.

Since this letter was issued, the following three additional licensed manufacturers of arsphenamine products have been included: E. R. Squibb & Sons, New Brunswick, N. J.; Farbwerke Hoechst, vorm. Meister Lucius & Bruening, Hoechst-am-Main, Germany; Poulenc Frères, 92 Rue Vieille-du-Temple, Paris, France.

POSTPONEMENT OF PUBLIC HEALTH INSTITUTE.

In the Public Health Reports for May 13, 1921, announcement was made in regard to the tentative plans for holding a public health institute in Washington, D. C., during November, 1921. After this institute had been announced, several conferences were held between Service officers and officials of the American Public Health Association, and it has now been definitely decided that the proposed Service institute in Washington during November be indefinitely postponed.

This action was taken for the reason that the Public Health Service desires to cooperate in every way possible with the American Public Health Association in making a great success of their semicentennial meeting which takes place in New York City, November 14-18, 1921.

In connection with this annual meeting of the American Public Health Association it is planned by the Association to provide for certain clinic demonstrations and possibly a health exhibit. It was felt to be inadvisable to hold the Service institute in Washington either immediately preceding or following the meeting of the American Public Health Association on account of the length of time required to attend both the institute and the Association's annual meeting.

DAMAGES AWARDED FOR ILLNESS RESULTING FROM CARELESSNESS IN BOTTLING SOFT DRINK.¹

The Court of Appeals of Alabama has affirmed a judgment awarding damages to a person who was made ill by drinking Coca-Cola.

The defendant bottled Coca-Cola and sold the same to retailers. The plaintiff bought a bottle of Coca-Cola from a retailer, and after drinking the beverage became ill. The plaintiff alleged that a part of a rat or a mouse had been bottled with the Coca-Cola, and averred that the defendant had been negligent in the conduct of its business. Judgment was entered for the plaintiff in the lower court in the sum of \$500, and this judgment was affirmed by the Court of Appeals.

DEATHS DURING WEEK ENDED JUNE 18, 1921.

Summary of information received by telegraph from industrial insurance companies for week ended June 18, 1921, and corresponding week, 1920. (From the "Weekly Health Index," June 21, 1921, issued by the Bureau of the Census, Department of Commerce.)

	Week ended June 18, 1921.	Corresponding week, 1920.
Policies in force.....	46, 932, 585	44, 096, 228
Number of death claims.....	7, 583	7, 823
Death claims per 1,000 policies in force.....	8.4	9.3

¹Coca-Cola Bottling Co. v. Barksdale, 88 South. 36

Deaths from all causes in certain large cities of the United States during the week ended June 18, 1921, infant mortality, annual death rate, and comparison with corresponding week of preceding years. (From the "Weekly Health Index," June 21, 1921, issued by the Bureau of the Census, Department of Commerce.)

City.	Estimated population, July 1, 1921.	Week ended June 18, 1921.		Average annual death rate per 1,000. ²	Deaths under 1 year.		Infant mortality rate, week ended June 18, 1921. ³
		Total deaths.	Death rate. ¹		Week ended June 18, 1921.	Previous year or years.	
Akron, Ohio.....	229,195	37	8.4	47.2	8	47	77
Albany, N. Y.....	115,071	28	12.7	C 8.3	5	C 1	112
Atlanta, Ga.....	207,473	76	19.1	C 17.0	9	C 10	.....
Baltimore, Md.....	752,863	213	14.8	A 15.2	33	A 29	93
Birmingham, Ala.....	186,185	65	15.4	A 19.8	11	A 10	.....
Boston, Mass.....	757,684	161	11.1	A 15.7	19	A 31	51
Bridgeport, Conn.....	149,667	32	11.1	A 11.3	5	A 6	63
Buffalo, N. Y.....	149,608	64	6.4	C 12.2	9	C 19	35
Cambridge, Mass.....	110,444	19	9.0	A 12.6	3	A 3	54
Camden, N. J.....	119,672	30	13.1	.....	9	.....	.....
Chicago, Ill.....	2,780,655	522	9.8	A 12.9	84	A 99	.....
Cincinnati, Ohio.....	403,418	106	13.7	C 12.7	16	C 13	106
Cleveland, Ohio.....	821,138	129	8.1	C 11.1	30	C 27	80
Columbus, Ohio.....	245,358	46	9.8	A 14.1	2	C 3	23
Dallas, Tex.....	185,282	42	13.3	A 12.1	13	A 3	.....
Dayton, Ohio.....	158,119	19	6.3	C 11.5	3	A 3	49
Denver, Colo.....	283,152	52	10.3	A 13.0	4	C 3	.....
Detroit, Mich.....	1,070,450	178	8.7	C 10.9	44	C 38	83
Fall River, Mass.....	129,668	29	12.5	C 13.0	7	C 6	105
Grand Rapids, Mich.....	141,197	21	7.8	C 13.5	3	C 7	51
Houston, Tex.....	144,340	33	11.9	.....	3	.....	.....
Indianapolis, Ind.....	325,215	64	10.3	C 12.0	6	C 7	47
Jersey City, N. J.....	302,788	74	12.7	C 11.5	16	C 7	.....
Kansas City, Kans.....	103,884	19	9.5	.....	3	.....	72
Kansas City, Mo.....	336,157	82	12.7	C 13.5	9	C 14	.....
Los Angeles, Calif.....	611,921	168	14.3	A 13.1	14	A 15	66
Louisville, Ky.....	236,083	61	13.5	C 17.1	6	C 6	69
Lowell, Mass.....	113,757	24	11.0	A 11.3	4	A 6	64
Memphis, Tenn.....	165,809	57	18.0	C 19.2	10	.....	.....
Milwaukee, Wis.....	464,816	76	8.5	A 11.3	16	A 17	77
Minneapolis, Minn.....	392,815	68	9.0	C 13.4	3	C 12	17
Nashville, Tenn.....	122,036	31	13.2	C 18.4	6	C 6	.....
New Bedford, Mass.....	125,012	31	12.9	A 13.8	9	A 7	138
New Haven, Conn.....	167,007	26	8.1	C 9.5	2	C 5	24
New Orleans, La.....	394,657	126	16.6	A 19.7	22	A 19	.....
New York, N. Y.....	5,751,867	1,128	10.2	C 10.4	168	C 176	66
Newark, N. J.....	424,885	97	11.9	C 9.0	14	C 11	.....
Norfolk, Va.....	121,260	37	15.9	.....	13	.....	221
Oakland, Calif.....	229,472	50	11.5	A 11.5	5	A 4	63
Omaha, Neb.....	197,066	29	7.7	.....	4	.....	.....
Paterson, N. J.....	137,463	32	12.1	.....	2	.....	.....
Philadelphia, Pa.....	1,866,212	469	13.1	A 14.2	58	A 70	70
Pittsburgh, Pa.....	602,452	136	11.8	C 13.9	15	C 17	92
Portland, Oreg.....	264,850	50	9.8	C 12.4	5	C 7	50
Providence, R. I.....	239,045	62	13.5	C 12.5	21	C 9	.....
Richmond, Va.....	175,666	65	19.3	C 14.8	15	C 11	183
Rochester, N. Y.....	305,229	56	9.6	C 11.3 ³	7	C 12	54
St. Louis, Mo.....	786,164	181	12.0	C 13.4	24	C 26	.....
St. Paul, Minn.....	237,781	43	9.4	C 11.9	3	C 11	30
Salt Lake City, Utah.....	121,595	27	11.6	A 10.3	4	.....	62
San Francisco, Calif.....	520,546	120	12.0	C 10.3	8	C 6	46
Seattle, Wash.....	327,227	51	8.1	A 8.0	8	A 4	67
Spokane, Wash.....	104,442	29	14.5	C 12.0	0	C 5	0
Springfield, Mass.....	135,877	23	8.8	C 11.1	4	C 3	60
Syracuse, N. Y.....	177,265	35	10.3	C 13.5	4	C 6	48
Toledo, Ohio.....	253,696	52	10.7	A 15.0	5	A 8	50
Trenton, N. J.....	122,760	28	11.9	A 20.1	0	A 7	.....
Washington, D. C.....	454,026	103	11.8	A 13.4	19	A 10	111
Washington, Del.....	113,408	28	12.9	C 12.2	5	.....	.....
Worcester, Mass.....	184,672	47	13.2	C 13.2	7	C 8	75
Yonkers, N. Y.....	103,324	19	9.6	A 12.1	4	A 5	91
Youngstown, Ohio.....	139,432	15	5.6	C 15.1	2	C 6	25

¹ Annual rate per 1,000 population.

² "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1920.

³ Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1920. Cities left blank are not in the registration area for births.

⁴ Data based on statistics of 1915, 1916, and 1917.

PREVALENCE OF DISEASE.

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

UNITED STATES.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended June 25, 1921.

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

ALABAMA.	Cases.		Cases.
Chicken pox.....	25	Smallpox:	
Diphtheria.....	8	Riverside.....	25
Hookworm.....	42	San Francisco.....	30
Malaria.....	10	Scattering.....	38
Measles.....	30	Typhoid fever.....	19
Pellagra.....	7		
Scarlet fever.....	5	COLORADO.	
Smallpox:		(Exclusive of Denver.)	
Jefferson County.....	21	Chicken pox.....	5
Scattering.....	16	Diphtheria.....	15
Tuberculosis.....	21	Influenza.....	2
Typhoid fever.....	34	Malaria.....	4
Whooping cough.....	21	Measles.....	33
		Pneumonia.....	1
ARKANSAS.		Rocky Mountain spotted or tick fever.....	1
Chicken pox.....	7	Scarlet fever.....	9
Diphtheria.....	1	Smallpox.....	24
Hookworm.....	4	Tuberculosis.....	1
Malaria.....	105	Typhoid fever.....	10
Measles.....	20	Whooping cough.....	2
Pellagra.....	21		
Poliomyelitis.....	1	CONNECTICUT.	
Scarlet fever.....	5	Chicken pox.....	27
Smallpox.....	8	Conjunctivitis (infectious).....	1
Tuberculosis.....	13	Diphtheria:	
Typhoid fever.....	22	New Haven.....	13
Whooping cough.....	22	Scattering.....	35
		Influenza.....	1
CALIFORNIA.		Lethargic encephalitis.....	2
Cerebrospinal meningitis:		Malaria.....	2
Los Angeles.....	1	Measles:	
San Francisco.....	1	Hartford.....	18
Hookworm.....	1	North Canaan.....	23
Influenza.....	10	Scattering.....	31
Poliomyelitis:		Mumps.....	29
Lodi.....	2	Pneumonia (lobar).....	20
Scattering.....	3	Poliomyelitis.....	6

CONNECTICUT—continued.	Cases.	ILLINOIS—continued.	Cases.
Scarlet fever.....	32	Diphtheria:	
Tuberculosis (all forms).....	63	Chicago.....	163
Typhoid fever.....	12	Edwardsville.....	13
Whooping cough.....	68	Scattering.....	49
DELAWARE. ¹		Influenza.....	4
Chicken pox.....	1	Lethargic encephalitis—Chicago.....	1
Cholera infantum.....	1	Pneumonia.....	93
Diphtheria.....	3	Poliomyelitis:	
Malaria.....	2	Chicago.....	2
Measles.....	5	East St. Louis.....	1
Mumps.....	2	LaGrange.....	1
Pneumonia.....	5	Waukegan.....	1
Scarlet fever:		Scarlet fever:	
Wilmington.....	33	Chicago.....	65
Scattering.....	11	Scattering.....	49
Tuberculosis:		Smallpox.....	35
Wilmington.....	19	Typhoid fever.....	12
Scattering.....	4	INDIANA.	
Typhoid fever.....	4	Diphtheria.....	32
Whooping cough.....	14	Poliomyelitis—Floyd County.....	1
FLORIDA.		Rabies in animals—Vigo County.....	3
Diphtheria.....	3	Scarlet fever.....	44
Malaria.....	22	Smallpox.....	74
Measles.....	6	Typhoid fever.....	14
Pellagra.....	5	IOWA.	
Scarlet fever.....	1	Diphtheria.....	11
Smallpox.....	21	Scarlet fever.....	15
Typhoid fever.....	21	Smallpox.....	29
Whooping cough.....	8	KANSAS.	
GEORGIA.		Actinomycosis.....	1
Anthrax.....	1	Cerebrospinal meningitis.....	1
Chicken pox.....	8	Chicken pox.....	25
Diphtheria.....	11	Diphtheria.....	37
Dysentery (amebic).....	2	Measles.....	58
Dysentery (bacillary).....	6	Mumps.....	6
Hookworm.....	7	Pellagra.....	1
Malaria.....	69	Pneumonia.....	8
Measles.....	16	Scarlet fever.....	25
Mumps.....	6	Smallpox.....	87
Pellagra.....	2	Trachoma.....	4
Pneumonia.....	1	Tuberculosis.....	58
Rabies in man.....	1	Typhoid fever.....	26
Scarlet fever.....	3	Whooping cough.....	97
Septic sore throat.....	3	LOUISIANA.	
Smallpox.....	43	Diphtheria.....	5
Tetanus.....	1	Scarlet fever.....	4
Tuberculosis (pulmonary).....	10	Smallpox.....	10
Typhoid fever.....	78	Typhoid fever.....	25
Whooping cough.....	5	MAINE.	
IDAHO.		Chicken pox.....	4
Chicken pox.....	5	Diphtheria.....	14
Measles.....	4	Measles.....	26
Scarlet fever.....	2	Mumps.....	8
Smallpox.....	6	Pneumonia.....	13
ILLINOIS.		Scarlet fever.....	23
Cerebrospinal meningitis:		Smallpox.....	7
Chicago.....	3	Tuberculosis.....	3
Lincoln.....	1	Typhoid fever.....	1
Waukegan.....	1	Whooping cough.....	4

¹ Two weeks.

MARYLAND. ¹	
	Cases.
Cerebrospinal meningitis.....	1
Chicken pox.....	29
Diphtheria.....	29
Dysentery.....	16
German measles.....	2
Influenza.....	3
Lethargic encephalitis.....	3
Malaria.....	2
Measles.....	67
Mumps.....	36
Paratyphoid fever.....	1
Pellagra.....	2
Pneumonia (all forms).....	25
Poliomyelitis.....	3
Scarlet fever.....	21
Septic sore throat.....	1
Smallpox.....	1
Tuberculosis.....	43
Typhoid fever.....	20
Whooping cough.....	148

MASSACHUSETTS.	
	Cases.
Anthrax.....	1
Chicken pox.....	94
Conjunctivitis (suppurative).....	5
Diphtheria.....	117
German measles.....	15
Influenza.....	1
Lethargic encephalitis.....	1
Malaria.....	2
Measles.....	374
Mumps.....	74
Ophthalmia neonatorum.....	23
Pneumonia (lobar).....	65
Poliomyelitis.....	1
Scarlet fever.....	95
Septic sore throat.....	1
Trachoma.....	3
Tuberculosis (all forms).....	204
Typhoid fever.....	11
Whooping cough.....	63

MINNESOTA.	
	Cases.
Cerebrospinal meningitis.....	2
Chicken pox.....	19
Diphtheria.....	60
Lethargic encephalitis.....	1
Measles.....	56
Pneumonia.....	2
Poliomyelitis.....	2
Scarlet fever.....	40
Smallpox.....	132
Tuberculosis.....	83
Typhoid fever.....	14
Whooping cough.....	1

MISSISSIPPI.	
	Cases.
Diphtheria.....	12
Scarlet fever.....	10
Smallpox.....	18
Typhoid fever.....	15

MISSOURI.	
	Cases.
Chicken pox.....	26
Diphtheria.....	48
Influenza.....	2

MISSOURI—continued.	
	Cases.
Measles.....	20
Mumps.....	10
Poliomyelitis.....	6
Rabies.....	2
Scarlet fever.....	35
Smallpox.....	55
Trachoma.....	3
Tuberculosis.....	46
Typhoid fever.....	20
Whooping cough.....	100

MONTANA.	
	Cases.
Diphtheria.....	3
Rocky Mountain spotted or tick fever:	
Toston.....	1
Smallpox.....	39
Typhoid fever.....	1

NEBRASKA.	
	Cases.
Chicken pox.....	15
Diphtheria:	
Omaha.....	8
Wymore.....	1
German measles.....	1
Measles.....	10
Mumps.....	3
Ophthalmia neonatorum.....	1
Scarlet fever.....	26
Smallpox:	
Beatrice.....	9
Goehner.....	9
Scattering.....	14
Tuberculosis.....	1
Typhoid fever.....	4
Whooping cough.....	24

NEW JERSEY.	
	Cases.
Chicken pox.....	123
Diphtheria.....	116
Influenza.....	5
Malaria.....	3
Measles.....	193
Pneumonia.....	55
Poliomyelitis.....	1
Scarlet fever.....	143
Smallpox.....	5
Typhoid fever.....	7
Whooping cough.....	194

NEW MEXICO.	
	Cases.
Chicken pox.....	1
Diphtheria.....	8
German measles.....	4
Measles.....	6
Scarlet fever.....	5
Tuberculosis.....	22
Trachoma.....	1
Typhoid fever.....	3
Whooping cough.....	2

NEW YORK.	
	Cases.
Diphtheria.....	106
Influenza.....	7
Lethargic encephalitis.....	1
Measles.....	419

¹ Week ended Friday.

NEW YORK—continued.	
	Cases.
Pneumonia.....	70
Poliomyelitis—North Hempstead.....	1
Scarlet fever.....	143
Smallpox.....	6
Typhoid fever.....	17
Whooping cough.....	225
NORTH CAROLINA.	
Chicken pox.....	23
Diphtheria.....	13
Measles.....	96
Scarlet fever.....	13
Septic sore throat.....	4
Smallpox.....	18
Typhoid fever.....	85
Whooping cough.....	270
SOUTH DAKOTA.	
Chicken pox.....	4
Diphtheria.....	2
Influenza.....	1
Measles.....	30
Pneumonia.....	1
Scarlet fever.....	11
Smallpox.....	29
Tuberculosis.....	3
TEXAS.	
Measles.....	34
Mumps.....	6
Scarlet fever.....	5
Typhoid fever.....	7
Whooping cough.....	20
VERMONT.	
Chicken pox.....	35
Diphtheria.....	8
Measles.....	65
Mumps.....	6
Pneumonia.....	3
Scarlet fever.....	9
Smallpox.....	1
Typhoid fever.....	2
Whooping cough.....	48

VIRGINIA.	
	Cases.
Poliomyelitis—Rockingham County.....	1
WASHINGTON.	
Chicken pox.....	18
Diphtheria.....	18
Measles.....	46
Mumps.....	15
Scarlet fever.....	9
Smallpox.....	15
Tuberculosis.....	10
Typhoid fever.....	4
Whooping cough.....	14
WEST VIRGINIA.	
Diphtheria.....	8
Measles.....	8
Scarlet fever.....	3
Smallpox.....	5
Typhoid fever.....	2
WISCONSIN.	
Milwaukee:	
Cerebrospinal meningitis.....	1
Chicken pox.....	46
Diphtheria.....	15
Measles.....	8
Pneumonia.....	1
Scarlet fever.....	12
Smallpox.....	1
Tuberculosis.....	17
Typhoid fever.....	4
Whooping cough.....	20
Scattering:	
Chicken pox.....	71
Diphtheria.....	26
Influenza.....	1
Measles.....	69
Pneumonia.....	1
Scarlet fever.....	61
Smallpox.....	65
Tuberculosis.....	13
Typhoid fever.....	1
Whooping cough.....	93

Reports for Week Ended June 18, 1921.

DISTRICT OF COLUMBIA.	
	Cases.
Chicken pox.....	9
Diphtheria.....	8
Measles.....	69
Scarlet fever.....	12
Tuberculosis.....	18
Typhoid fever.....	3
Whooping cough.....	27
KENTUCKY.	
Chicken pox.....	17
Diphtheria.....	14
Dysentery.....	15
Measles:	
Caldwell County.....	10
Jefferson County.....	22
Monroe County.....	14
Scattering.....	14
Mumps.....	11
Pneumonia.....	9
Scarlet fever.....	15

KENTUCKY—continued.	
	Cases.
Septic sore throat.....	2
Smallpox:	
Ballard County.....	21
Pike County.....	32
Scattering.....	7
Trachoma.....	6
Tuberculosis.....	11
Typhoid fever.....	22
Whooping cough.....	16
WASHINGTON.	
Cerebrospinal meningitis.....	1
Chicken pox.....	47
Diphtheria.....	15
Measles.....	41
Mumps.....	10
Scarlet fever.....	16
Smallpox.....	54
Typhoid fever.....	9
Whooping cough.....	12

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.	Polio.	Polio-myelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
MAY, 1921.										
Alabama.....		29	1	31	144	45	1	24	242	97
Colorado.....	2	214	1		541			243	300	49
Idaho.....	1	13			180			71	56	2
Illinois.....	10	1,094	127	58	3,738	1	4	1,419	976	73
Indiana.....	4	220	21		231			556	576	20
Iowa.....	2	92			205		2	243	530	
Maine.....		36	19		333			58	4	14
Maryland.....	3	165	72	13	760	1		144	39	38
Minnesota.....	2	242	4		285		3	589	904	64
Mississippi.....	1	32	163	8,053	476	1,817	6	36	225	180
Montana.....		24	10		80		1	36	127	10
New Jersey.....	6	665	35	9	1,087		1	936	66	23
Rhode Island.....	2	117	6		252			100	1	
South Carolina.....		69		6	322	5	1	6	96	68
South Dakota.....	1	17	16		196			81	196	2

RECIPROCAL NOTIFICATION.

Minnesota—May, 1921.

Cases of communicable diseases referred during May, 1921, to other State health departments by the Department of Health of the State of Minnesota.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Diphtheria.....	Dorchester, Allamaker County, Iowa	Cultures examined at Minnesota State Board of Health laboratory were positive.
Scarlet fever: Rochester, Olmsted County	Oelwein, Fayette County, Iowa.....	Patient died 24 hours after arrival from Oelwein, still in desquamative stage.
Trachoma: St. Paul, Ramsey County.	Sisseton, Roberts County, S. Dak....	Patient examined May 10; trachoma found. Left for Sisseton May 20.
Tuberculosis: Deerwood Sanatorium, Deerwood, Crow Wing County.	Chicago, Cook County, Ill.....	Left sanatorium for home.
Thomas Hospital, Minne- apolis, Hennepin County	Osage, Mitchell County, Iowa..... Grayson, Caldwell County, La. Somerville, Middlesex County, Mass. Hope, Steele County, N. Dak. Havana, Sargent County, N. Dak. Fargo, Cass County, N. Dak. Astoria, Deuel County, S. Dak. Faith, Meade County, S. Dak. Hamil, Tripp County, S. Dak. Breckenridge, Stephens County, Tex. Billings, Yellowstone County, Mont.	Four improved and six unimproved cases left sanatorium for their homes.
State Hospital, St. Peter, Nicollet County. Mayo Clinic, Rochester, Olmsted County.	Scotland, Edgar County, Ill..... Quincy, Adams County, Ill. Peru, Miami County, Ind. Dubuque, Dubuque County, Iowa. New Buffalo, Berrien County, Mich. Lewistown, Lewis County, Mo. Newada, Vernon County, Mo. Orleans, Harlan County, Nebr. Dennison, Tuscarawas County, Ohio. Tyndall, Bon Homme County, S. Dak. Winnipeg, Manitoba, Canada.	Patient left hospital for his home in Billings. Five advanced cases, five moderately advanced, one stage of disease not given, left Mayo Clinic for their homes.

Cases of communicable diseases referred during May, 1921, to other State health departments by the Department of Health of the State of Minnesota—Continued.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Tuberculosis—Continued. Pokegama Sanatorium, Pine County. U. S. Public Health Service Hospital No. 65, St. Paul, Ramsey County.	Dickinson, Stark County, N. Dak.... Tolna, Nelson County, N. Dak. Superior, Douglas County, Wis. Outlook, Sheridan County, Mont... Saco, Phillips County, Mont. Dodson, Phillips County, N. Dak. Egeland, Towner County, N. Dak. Minot, Ward County, N. Dak. Gratton, Walsh County, N. Dak. Bellefourche, Butte County, S. Dak. Eden, Marshall County, S. Dak. Brookings, Brookings County, S. Dak.	One far advanced case, one quiescent, one stage of disease not given, left for their homes. Nine active cases left U. S. Public Hospital Service hospital for their homes.

PLAGUE.¹

HUMAN CASES OF PLAGUE REPORTED.

Place.	Period covered.	Cases.	Deaths.	Remarks.
California: San Benito County.....	1921. Feb. 7..... June 11.....	 1	 1	

¹ A summary of the reports received of the occurrence of plague and the finding of plague-infected rodents in the United States during 1920 was published in Public Health Reports, Jan. 7, 1921, p. 15.

PLAGUE-INFECTED RODENTS.

Place.	Period covered.	Rodents found plague infected.
California: San Benito County.....	1921. May 15 to June 4..... June 5-18.....	 18 0
Florida: Pensacola.....	Jan. 1 to Apr. 18..... Apr. 19 to June 25.....	 5 0
Louisiana: New Orleans.....	Jan. 1 to May 26..... May 27 to June 25.....	 38 0
Texas: Galveston.....	Jan. 1 to May 28..... May 29 to June 25.....	 1 0

¹ Ground squirrels, *Citellus beecheyi*.

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921.

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 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended June 11, 1921.		City.	Median for previous years.	Week ended June 11, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
California:				New Mexico:			
Oakland.....	0	2		Albuquerque.....			1
Pasadena.....	0	1		New York:			
San Francisco.....	0	2		Buffalo.....	0	1	1
Connecticut:				New York.....	7	9	7
Bridgeport.....	0	1		Niagara Falls.....	0	1	
Meriden.....		1	1	Rome.....		1	1
Delaware:				North Carolina:			
Wilmington.....	0		1	Greensboro.....	0		1
Illinois:				Ohio:			
Chicago.....	3	1		Akron.....	0	1	
Indiana:				Pennsylvania:			
Marion.....	0		1	Philadelphia.....	1		1
Louisiana:				Rhode Island:			
New Orleans.....	0	1	1	Providence.....	0	1	
Maryland:				Virginia:			
Baltimore.....	1	1		Danville.....	0	1	
Massachusetts:				Norfolk.....	0		1
Boston.....	1	1	1	Wisconsin:			
Michigan:				Milwaukee.....	2	1	
Detroit.....	2	1					
New Jersey:							
Passaic.....	0		1				
Trenton.....	0	1					

DIPHTHERIA.

See p. 1526; also Telegraphic weekly reports from States, p. 1514, and Monthly summaries by States, p. 1518.

INFLUENZA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			New Jersey:		
Birmingham.....		1	Trenton.....	1	
California:			New York:		
Los Angeles.....	2	1	Cohoes.....	1	
San Diego.....	1	1	New York.....	12	4
Georgia:			Massachusetts:		
Brunswick.....	1		Boston.....		1
Illinois:			Pennsylvania:		
Chicago.....		1	Philadelphia.....	3	
Pekin.....	1		Texas:		
Maryland:			El Paso.....		1
Baltimore.....	2	2	Utah:		
Michigan:			Salt Lake City.....		1
Detroit.....	4	1			

LEPROSY.

City.	Cases.	Deaths.
California:		
Los Angeles.....	1	

LETHARGIC ENCEPHALITIS.

California:		
Oakland.....	1	1
San Francisco.....	2	

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—Continued.

MALARIA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Massachusetts:		
Birmingham.....	2		Boston.....	1	
Arkansas:			New Jersey:		
Little Rock.....	3		Trenton.....	1	
Georgia:			New York:		
Brunswick.....	7		New York.....	12	
Savannah.....	2		Ohio:		
Illinois:			Cleveland.....	1	
Chicago.....	1		Pennsylvania:		
Louisiana:			Philadelphia.....	1	
Alexandria.....	13		South Carolina:		
Lake Charles.....	5		Charleston.....		1
Maryland:			Texas:		
Baltimore.....	2		Dallas.....		1

MEASLES.

See p. 1526; also Telegraphic weekly reports from States, p. 1514, and Monthly summaries by States, p. 1518.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			South Carolina:		
Montgomery.....		2	Charleston.....		2
Louisiana:			Texas:		
Baton Rouge.....	1		Dallas.....	4	
North Carolina:			Fort Worth.....		1
Raleigh.....		1			

PNEUMONIA (ALL FORMS.)

Alabama:			Illinois—Continued.		
Birmingham.....		2	East St. Louis.....		1
Arizona:			Elgin.....		1
Tucson.....		2	La Salle.....		1
California:			Mattoon.....		3
Long Beach.....		1	Oak Park.....		1
Los Angeles.....	16	5	Rockford.....		2
Oakland.....		3	Springfield.....	6	
Riverside.....		1	Indiana:		
Sacramento.....		1	East Chicago.....		3
San Diego.....		1	Gary.....		2
San Francisco.....	10	5	Hammond.....		1
Colorado:			Indianapolis.....		2
Denver.....		7	Mishawaka.....		1
Greeley.....		1	Kansas:		
Connecticut:			Parsons.....		1
Bridgeport.....	2		Topeka.....		2
Greenwich.....	1		Wichita.....		1
Hartford.....	1		Kentucky:		
Meriden.....	1	1	Covington.....		1
Milford.....	1		Lexington.....		1
New Britain.....	1		Louisville.....		7
New Haven.....		2	Louisiana:		
Stamford.....	1		Baton Rouge.....		1
Stonington.....	1		Maine:		
Waterbury.....		1	Portland.....	1	
Delaware:			Maryland:		
Wilmington.....		1	Baltimore.....	35	13
District of Columbia:			Cumberland.....	2	
Washington.....		13	Massachusetts:		
Georgia:			Adams.....	1	
Atlanta.....		5	Amesbury.....	4	
Brunswick.....		2	Belmont.....	1	
Savannah.....		4	Beverly.....	3	
Illinois:			Boston.....		14
Alton.....		1	Cambridge.....	2	
Aurora.....		1	Chelsea.....	2	
Chicago.....	74	13	Clinton.....	2	
Danville.....	1		Everett.....	1	

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Massachusetts—Continued.			New York:		
Fall River	6	4	Albany	8	.....
Greenfield	.....	1	Auburn	1	.....
Holyoke	3	2	Binghamton	5	2
Leominster	1	.....	Buffalo	18	4
Lowell	.....	1	Ithaca	.....	1
Lynn	4	1	Jamestown	2	.....
Malden	1	.....	Lockport	1	.....
Medford	.....	1	Mount Vernon	.....	1
Methuen	2	.....	Newburgh	1	.....
Newton	.....	1	New York	172	87
Plymouth	.....	2	Niagara Falls	.....	2
Somerville	2	.....	Olean	.....	1
Springfield	.....	1	Peekskill	1	.....
Waltham	.....	1	Port Chester	1	.....
West Springfield	.....	1	Poughkeepsie	1	.....
Winthrop	.....	1	Rochester	7	2
Worcester	11	7	Schenectady	1	.....
Michigan:			Syracuse	.....	1
Ann Arbor	1	.....	Troy	.....	3
Detroit	25	14	White Plains	1	.....
Flint	.....	2	Yonkers	.....	2
Grand Rapids	2	.....	North Carolina:		
Hamtramck	.....	7	Charlotte	.....	1
Ironwood	1	.....	Wilmington	.....	2
Pontiac	.....	2	Ohio:		
Port Huron	1	.....	Akron	1	.....
Minnesota:			Cincinnati	.....	7
Minneapolis	.....	4	Cleveland	8	.....
St. Paul	.....	3	Columbus	.....	3
Missouri:			Dayton	1	.....
Kansas City	.....	6	Hamilton	.....	1
Springfield	.....	2	Tiffin	1	.....
Montana:			Toledo	.....	3
Billings	1	.....	Oklahoma:		
Great Falls	2	.....	Oklahoma City	.....	1
Missoula	.....	1	Oregon:		
Nebraska:			Portland	.....	1
Omaha	.....	1	Pennsylvania:		
New Hampshire:			Philadelphia	39	32
Berlin	.....	1	Rhode Island:		
Manchester	.....	1	Cranston	.....	1
Nashua	.....	1	Providence	.....	2
New Jersey:			South Carolina:		
Atlantic City	1	.....	Charleston	.....	3
Bloomfield	1	.....	Tennessee:		
Clifton	.....	1	Nashville	.....	2
Elizabeth	.....	1	Texas:		
Englewood	1	.....	El Paso	.....	4
Garfield	2	.....	Utah:		
Harrison	1	.....	Salt Lake City	.....	4
Hoboken	.....	1	Vermont:		
Jersey City	4	.....	Rutland	.....	1
Montclair	1	.....	Virginia:		
Orange	5	1	Portsmouth	.....	1
Passaic	7	1	Richmond	.....	5
Paterson	1	.....	Roanoke	.....	1
Perth Amboy	.....	1	West Virginia:		
Phillipsburg	.....	1	Huntington	.....	2
Trenton	4	2	Wheeling	.....	1
West Hoboken	.....	2	Wisconsin:		
West New York	.....	1	Kenosha	.....	4
			Oshkosh	.....	1

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—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 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended June 11, 1921.		City.	Median for previous years.	Week ended June 11, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
California:				New York:			
Sacramento.....	0	1		New York.....	1	1	
Illinois:				Ohio:			
Chicago.....	0	1		Cleveland.....	0	1	
Massachusetts:				Oklahoma:			
Fall River.....	0	1		Muskogee.....	0	1	
Salem.....		1		Texas:			
Michigan:				Beaumont.....		1	
Flint.....	0		1	Virginia:			
New Jersey:				Portsmouth.....	0	1	
Trenton.....	0	2	1	Roanoke.....	0	1	1

RABIES IN ANIMALS.

City.	Cases.	City.	Cases.
California:		Missouri:	
Los Angeles.....	1	Kansas City.....	2
Kentucky:		New Jersey:	
Louisville.....	1	Bloomfield.....	1
Massachusetts:		West Virginia:	
Boston.....	1	Charleston.....	1
Brookline.....	2		

ROCKY MOUNTAIN SPOTTED OR TICK FEVER.

City.	Cases.	Deaths.
Montana:		
Missoula.....	1	1

SCARLET FEVER.

See p. 1526; also Telegraphic weekly reports from States, p. 1514, and Monthly summaries by States, p. 1518.

SMALLPOX.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended June 11, 1921.		City.	Median for previous years.	Week ended June 11, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				California—Continued.			
Birmingham.....	5	12		Sacramento.....	0	1	
Mobile.....	1	7		San Diego.....	0	1	
Montgomery.....	0	1		San Francisco.....	0	16	
Tuscaloosa.....	0	1		Colorado:			
California:				Denver.....	12	39	
Long Beach.....	1		1	Georgia:			
Los Angeles.....	1	1		Atlanta.....	7	12	
Oakland.....	0	4		Idaho:			
Riverside.....	0	13		Boise.....	1	1	

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—Continued.

SMALLPOX—Continued.

City.	Median for previous years.	Week ended June 11, 1921.		City.	Median for previous years.	Week ended June 11, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Illinois:				Montana:			
Chicago.....	2	8		Billings.....	1	1	
East St. Louis.....	2	1		Great Falls.....	2	5	
Kewanee.....	5	1		Nebraska:			
Rockford.....	0	1		Lincoln.....	4	1	
Rock Island.....	3	1		Omaha.....	14	7	
Springfield.....	1	1		Nevada:			
Indiana:				Reno.....	2	2	
Bloomington.....	0	6		New Jersey:			
Crawfordsville.....	0	1		Morristown.....	0	1	
Elkhart.....	0	1		New York:			
Fort Wayne.....	3	1		Cohoes.....	1	1	
Gary.....	0	5		North Tonawanda.....	3	3	
Indianapolis.....	16	14		North Carolina:			
Marion.....	0	4		Raleigh.....	0	1	
Mishawaka.....	0	1		Wilmington.....	0	1	
Richmond.....	0	1		North Dakota:			
South Bend.....	0	3		Fargo.....	0	3	
Iowa:				Minot.....	1	1	
Burlington.....	0	1		Ohio:			
Cedar Rapids.....	3	2		Akron.....	4	1	
Council Bluffs.....	2	1		Cincinnati.....	2	3	
Mason City.....	0	2		Cleveland.....	8	2	
Muscatine.....	0	5		Columbus.....	0	2	
Ottumwa.....	1	1		Coshocton.....	0	2	
Sioux City.....	4	2		Lancaster.....	0	11	
Kansas:				Marion.....	2	2	
Fort Scott.....	0	4		Newark.....	0	15	
Hutchinson.....	0	5		Toledo.....	0	3	
Kansas City.....	5	3		Zanesville.....	0	1	
Parsons.....	3	4		Oklahoma:			
Topeka.....	4	5		Oklahoma City.....	7	4	
Wichita.....	2	10		Oregon:			
Kentucky:				Portland.....	4	14	
Louisville.....	1	2		South Carolina:			
Louisiana:				Charleston.....	1	2	
Alexandria.....	1	4		Tennessee:			
Baton Rouge.....	0	1		Chattanooga.....	1	2	
New Orleans.....	5	7	3	Knoxville.....	2	2	
Maine:				Nashville.....	0	3	
Waterville.....	2	2		Texas:			
Michigan:				Dallas.....	3	1	
Battle Creek.....	0	2		Fort Worth.....	3	6	
Detroit.....	18	19		Utah:			
Flint.....	1	3		Salt Lake City.....	8	15	
Hamtramck.....	0	2		Washington:			
Highland Park.....	0	3		Aberdeen.....	3	5	
Kalamazoo.....	0	1		Seattle.....	8	3	
Marquette.....	0	1		Spokane.....	2	15	
Pontiac.....	4	2		Tacoma.....	4	4	
Sault Ste. Marie.....	0	1		Vancouver.....	0	5	
Minnesota:				Walla Walla.....	1	1	
Duluth.....	2	2		West Virginia:			
Mankato.....	1	3		Fairmont.....	0	1	
Minneapolis.....	34	33		Wisconsin:			
St. Cloud.....	1	1		Milwaukee.....	5	7	
St. Paul.....	4	30		Oshkosh.....	2	2	
Missouri:							
Kansas City.....	8	18					
St. Louis.....	4	13					

TETANUS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Illinois:			Michigan:		
Blue Island.....	1	1	Detroit.....		1
Kansas:			New York:		
Fort Scott.....		1	New York.....	1	1
Massachusetts:			Texas:		
Salem.....		1	Galveston.....		1

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—Continued.

TUBERCULOSIS.

See p. 1526, also Telegraphic weekly reports from States, p. 1514.

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 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended June 11, 1921.		City.	Median for previous years.	Week ended June 11, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				Montana:			
Birmingham.....	3	2	1	Great Falls.....	0	2	
Arkansas:				Nebraska:			
Little Rock.....	0	3		Lincoln.....	0	1	
California:				New Jersey:			
Los Angeles.....	2	1		Hoboken.....	0		1
Oakland.....	1	1		Passaic.....	0	2	
Pasadena.....	0	1		Trenton.....	1		1
San Francisco.....	2	6	1	New York:			
Connecticut:				Albany.....	0	1	
Hartford.....	0	3		Jamestown.....	0	1	
New Haven.....	1	2		New York.....	19	10	1
Delaware:				Niagara Falls.....	0	1	
Wilmington.....	1	1		Yonkers.....	0	1	1
Georgia:				North Carolina:			
Atlanta.....	2	1	1	Durham.....	0	4	1
La Grange.....	0	1		Winston-Salem.....	3	1	
Macon.....	0	1	1	Ohio:			
Savannah.....	4	5		Akron.....	0	3	
Illinois:				Cincinnati.....	1	2	
Chicago.....	6	1		Dayton.....	0	1	
Decatur.....	0	2		Ironton.....	1	1	
Springfield.....	0	2		Niles.....	0	1	
Indiana:				Sandusky.....	0	1	
Kokomo.....	1	1		Tiffin.....	0	2	
La Fayette.....	0		1	Toledo.....	3	1	
South Bend.....	0	1		Oklahoma:			
Iowa:				Muskogee.....	0	1	
Davenport.....	0	1		Oklahoma City.....	0	1	1
Kansas:				Pennsylvania:			
Atchison.....	0	6		Philadelphia.....	10	9	
Fort Scott.....	0	1		Rhode Island:			
Kentucky:				Providence.....	0	2	
Louisville.....	1	2		South Carolina:			
Louisiana:				Charleston.....	2		1
New Orleans.....	4	6		Columbia.....	2	2	
Maine:				Tennessee:			
Bangor.....	1	1		Nashville.....	3	2	
Portland.....	1	1		Texas:			
Maryland:				Dallas.....	2	1	1
Baltimore.....	3	7		Fort Worth.....	0	4	
Cumberland.....	0	1		Virginia:			
Massachusetts:				Alexandria.....	0	1	
Boston.....	1	1		Danville.....	0	1	
Fall River.....	3	3		Norfolk.....	2	3	
Lawrence.....	1	1		Richmond.....	0	2	1
Methuen.....	0	1		Washington:			
Quincy.....	0	1		Seattle.....	0	2	
Waltham.....	0	3		Spokane.....	0	1	
Michigan:				West Virginia:			
Detroit.....	5	5	2	Binefield.....	0	1	
Highland Park.....	1	1		Huntington.....	0		1
Muskegon.....	0	3	1	Wheeling.....	1	1	
Saginaw.....	0	2		Wisconsin:			
Minnesota:				Marinette.....	0	2	
Duluth.....	0		1	Racine.....	0		1
St. Paul.....	0	1		Sheboygan.....	0	1	
Missouri:							
Kansas City.....	1		1				
St. Louis.....	2	3	1				

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City.	Population Janu-ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber-culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alabama:										
Birmingham	178, 270	57	2		41	2			7	3
Mobile	60, 151	18	1							1
Montgomery	43, 464	19								
Tuscaloosa	11, 996								3	
Arizona:										
Tucson	20, 292	23				1				4
Arkansas:										
Fort Smith	28, 811		1		3		1			
Hot Springs	11, 695	3								
Little Rock	64, 997				7		1		4	
North Little Rock	14, 048				11					
California:										
Alameda	28, 806	3					1			1
Bakersfield	18, 638	7	1		1					
Long Beach	55, 533	13					2			
Los Angeles	576, 673	153	59	2	60		9	1	68	20
Oakland	216, 361	47	5		1		9		2	2
Pasadena	45, 354	17	3		5				1	2
Richmond	16, 843	3								
Riverside	19, 341	11					1			2
Sacramento	65, 337	23	5		1		1		1	3
San Bernardino	18, 721	8					1			3
San Diego	74, 683	14			76		1		1	2
San Francisco	506, 410	132	28	4	32		9		27	4
Santa Barbara	19, 441	4								1
Santa Cruz	10, 917	4								
Colorado:										
Denver	256, 369	60	8		14		15	1		13
Greeley	10, 883	2								
Trinidad	10, 906				1					
Connecticut:										
Bridgeport	143, 538	23	1				14		1	4
Bristol	20, 620	6	2				2		4	
Derby	11, 238	5								1
Fairfield (town)	11, 475		2		1		3			
Greenwich (town)	22, 123		7		1		1		3	1
Hartford	138, 036	24	12	1	9		8		5	2
Manchester (town)	18, 370	2			1					
Meriden (city)	29, 842		1							
Milford (town)	10, 193	0			1		2			1
New Britain	59, 316	8	1		1			1		4
New Haven	162, 349	34	8		1		5		9	1
New London	25, 686	4							2	
Norwalk	27, 707	8	2							
Norwich (town)	29, 683	5								
Stamford (city)	35, 083				1		3		2	
Stonington (town)	10, 236	2								
Waterbury	91, 410	15	1		23		1		3	1
Delaware:										
Wilmington	110, 168	22					12			2
District of Columbia:										
Washington	437, 571	110	6		111		4		15	11
Georgia:										
Atlanta	209, 616	57	1		6		6		2	4
Brunswick	14, 413	5								
Macon	54, 903	14			2					
Savannah	83, 252	31		1						4
Vadosta	10, 783	1			2					
Idaho:										
Boise	21, 393	4	1				4			
Illinois:										
Alton	24, 682	4			3				2	
Aurora	36, 397	12	2		6		2			1
Bloomington	28, 725	2							3	
Blue Island	11, 424	1								
Centralia	12, 401	2	1							
Chicago	2, 701, 705	511	141	16	278		104	5	227	46
Cicero	44, 995	5	5	1	4				4	
Danville	33, 750	4								
Decatur	43, 818	16	5		8		10			
East St. Louis	66, 740	9	6	1	3					
Elgin	27, 454	7	1		2					
Evanston	37, 215	4	1						2	

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—Continued.

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

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Illinois—Continued.										
Forest Park.....	10,768	2					1			
Galesburg.....	23,834	4			14					
Jacksonville.....	15,713	6								
Kankakee.....	16,753	7	2	2						1
La Salle.....	13,050	5								1
Mattoon.....	13,552	10								1
Oak Park.....	39,830	6	3		25		1		1	
Pekin.....	12,086		1				9			
Quincy.....	35,978	9	1							
Rockford.....	65,651	13			8		3			
Rock Island.....	35,177	3	2		1				2	
Springfield.....	59,183	15			6		1			
Indiana:										
Bloomington.....	11,595	1								
Crawfordsville.....	10,139	2					1			2
East Chicago.....	35,967	9								
Elkhart.....	24,277	4					1			
Evansville.....	85,264		1		1		6			
Fort Wayne.....	36,549	18	14	1	6		2		1	2
Frankfort.....	11,585	4					1		1	
Gary.....	65,378	12	5		2		2			2
Hammond.....	36,004	8	1							
Huntington.....	14,000	0	1		1					
Indianapolis.....	314,194	69	6		5		13		23	8
Kokomo.....	30,067	9					1		1	
La Fayette.....	22,486	5								1
Logansport.....	21,626	6								
Marion.....	23,747	5					1			
Mishawaka.....	15,195	5							1	1
Muncie.....	36,624	6			6		2			
Richmond.....	26,765	9							2	
South Bend.....	70,983	16	3	1	3		1		2	
Terre Haute.....	66,083	16							2	1
Iowa:										
Burlington.....	24,667		1							
Coacil Bluffs.....	36,162	2								
Davenport.....	56,727		2				5			
Dubuque.....	39,141		2							
Iowa City.....	11,267				5					
Mason City.....	20,066	1					2			1
Muscataine.....	16,068	4			1					
Kansas:										
Atchison.....	12,630				1					
Coffeyville.....	13,452	3							1	
Fort Scott.....	10,693	2					3			
Hutchinson.....	23,298		1		9				1	
Kansas City.....	101,177						1		5	
Leavenworth.....	16,912				3					2
Parsons.....	16,028	9			1		2		1	
Salina.....	15,066	4	1		2					
Topeka.....	50,022	18	2		2		2		4	
Wichita.....	72,128	9	4		16		4			
Kentucky:										
Covington.....	57,121	17					1			3
Lexington.....	41,534	14								1
Louisville.....	234,894	69	3		51		5		12	3
Louisiana:										
Alexandria.....	17,510	6								1
Baton Rouge.....	21,782	9							1	1
Lake Charles.....	13,068	5								1
Monroe.....	12,675	5								1
New Orleans.....	387,219	104	1				2		13	8
Maine:										
Auburn.....	16,985	4								
Bath.....	14,731	0					3			
Lewiston.....	31,791	9	1		2		7	1	3	
Portland.....	66,272	11	3		2					1
Sanford.....	10,691	2								1
Waterville.....	13,351						1			
Maryland:										
Baltimore.....	733,826	175	24	2	97		15		30	15
Cumbersland.....	29,887	8					1		2	1

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—Continued.

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

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Massachusetts:										
Adams.....	12,967	3								
Amesbury.....	10,036	1	1							
Arlington.....	18,665	3			1		1			
Attleboro.....	19,731	5					3			
Belmont.....	10,749	2	1		1					
Beverly.....	22,561	6	1				2	1	1	
Boston.....	748,060	195	50	2	111		34	2	61	21
Braintree.....	10,580	3			1		2			1
Brookline.....	37,748	6	1				1		4	
Cambridge.....	109,694	20	5		32		2		7	2
Chelsea.....	43,184	12			4	1				
Chicopee.....	36,214	3	3						4	
Clinton.....	12,979	3					1		1	
Danvers.....	11,108						1			
Easthampton.....	11,261		2							
Everett.....	40,120	3	5	1						
Fall River.....	120,485	30	4	1			1		6	7
Gardner.....	16,971	0			3		2		2	
Greenfield.....	15,462	3					1			
Haverhill.....	53,884	9	3				4		1	2
Holyoke.....	60,203	15	1		1		1		1	1
Lawrence.....	94,270	18	5	1			2		3	2
Leominster.....	19,744	3							3	
Lowell.....	112,479	15	7						11	1
Lynn.....	99,148	18	3		27	1	5		3	1
Malden.....	49,103	11	2	1			1		5	1
Medford.....	39,038	11	4		16				2	
Melrose.....	18,204	7	4		1		1			
Methuen.....	15,189	9					2			
Newburyport.....	15,618	2			3					
Newton.....	46,054	9	1	1	1		3		3	
North Adams.....	22,282	11							1	1
Northampton.....	21,951	6			5					
Pittsfield.....	41,751	6	1		1				1	1
Plymouth.....	13,045	7								
Quincy.....	47,876	4			38		2		1	
Salem.....	42,529	16	1				1			
Somerville.....	93,091	20	4	1	3				2	3
Southbridge.....	14,245	0			2					
Springfield.....	126,563	31	2	1	2				3	3
Wakefield.....	13,025	2			8		1			
Waltham.....	30,915	8	2							
Watertown.....	21,457		4		1		1		2	
West Springfield.....	13,443	4			14					
Westfield.....	18,604	1							1	
Winthrop.....	15,455	1			6					
Woburn.....	16,574	5								
Worcester.....	179,754	47	8		16		5		7	4
Michigan:										
Ann Arbor.....	19,516	5	2				1		1	
Battle Creek.....	36,164									
Detroit.....	993,739	179	81	8	41	3	42	1	45	14
Flint.....	91,599	31	4		2		1			1
Grand Rapids.....	137,634	23	2	1	1		1		2	
Hamtramck.....	48,615	12	2		3		1			
Highland Park.....	46,499	3	3		1		2			
Holland.....	12,166	0								
Ironwood.....	15,739	1			3				2	
Kalamazo.....	48,858	18			1		17		3	3
Marquette.....	12,718	3							1	
Muskegon.....	36,570	7								
Pontiac.....	34,273	9	1				3			1
Port Huron.....	25,944	9	1				1		1	1
Saginaw.....	61,903	9	2		1					1
Sault Ste. Marie.....	12,096	4					3			
Minnesota:										
Austin.....	10,118	5								
Duluth.....	98,917	17	3		7		1		9	1
Hibbing.....	15,089				4		1			
Mankato.....	12,460	2							1	
Minneapolis.....	380,582	74	14		25		20		8	4
Rochester.....	13,722	24			16					
St. Cloud.....	15,873		2							

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—Continued.

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

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Meas'es.		Scarlet fever.		Tuber-culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Minnesota—Continued.										
St. Paul.....	234,595	49	7		3		21	3	4	6
Virginia.....	14,022		2							
Winona.....	19,143						2			
Missouri:										
Cape Girardeau.....	10,252	5					1			
Independence.....	11,686	4							1	1
Joplin.....	29,855		1							
Kansas City.....	324,410	70	6		22	1	3		2	2
St. Joseph.....	77,939	21			2		1			
St. Louis.....	772,897	166	22	3	15		17		34	21
Springfield.....	39,631	14								2
Montana:										
Billings.....	15,100	4	1						1	
Butte.....	41,611	13					1		1	3
Great Falls.....	24,121	4			1		1			
Missoula.....	12,668	3						3		1
Nebraska:										
Lincoln.....	54,934	13			1		1		1	1
Omaha.....	191,601	51	5		20		5			5
Nevada:										
Reno.....	12,016	4								
New Hampshire:										
Berlin.....	16,104	6								
Dover.....	13,029	8								
Keene.....	11,210	2			2		2			
Manchester.....	78,384	12	7							2
Nashua.....	28,379	7	1						5	1
Portsmouth.....	13,569				1					
New Jersey:										
Asbury Park.....	12,400	5								
Atlantic City.....	50,682	11		1	2		3		1	
Bayonne.....	76,754		6		1		7		1	
Bloomfield.....	22,019		2				1			
Clifton.....	26,470	3			1		1			
Elizabeth.....	95,682		6		14		4		4	1
Englewood.....	11,627	2					1		1	
Garfield.....	19,381	3			3		2		1	1
Gloucester City.....	12,162		1		1					
Hackensack.....	17,667	8					4		1	
Harrison.....	15,721				1		1		1	
Hoboken.....	68,166	12	5	1			4		1	1
Irvington.....	25,480		1		1		3			
Jersey City.....	297,864		23		26		10		2	
Kearney.....	26,724	3			2		3			
Montclair.....	28,810	3			1					
Morristown.....	12,548	6		1			4		1	
New Brunswick.....	32,779		6						1	
Orange.....	33,268	5	1		29				3	1
Passaic.....	63,824	9	9		3		4	1	4	1
Paterson.....	135,866		7		7		2		10	
Perth Amboy.....	41,707	6	4						1	1
Phillipsburg.....	16,923	4								
Rahway.....	11,042	3	2		1				1	
Summit.....	10,174				2		1			
Trenton.....	119,289	27	3	1	20		2		3	2
Union.....	20,651								1	
West Hoboken.....	40,068	5	1		1		1		1	
West New York.....	29,926	4	1		1		1		1	
West Orange.....	15,573	2	2		8		1			
New Mexico:										
Albuquerque.....	15,157	13	4	2					8	1
New York:										
Albany.....	113,344		9		15		6		5	
Auburn.....	36,192	11	2				1			1
Binghamton.....	66,800	17	11		2		9		3	1
Buffalo.....	506,775	123	43	3	49	1	31		36	10
Cohoes.....	22,987	3								
Geneva.....	14,648	3								1
Glens Falls.....	16,638	4								1
Ithaca.....	17,004	3			1		2			
Jamestown.....	38,017	8	2		87				4	1

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—Continued.

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

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New York—Continued.										
Lockport.....	21,308		1		2		2		1	
Middletown.....	18,420						1			
Mount Vernon.....	42,726	6	2		5		7			
Newburgh.....	30,366	3	3	1	2					
New York.....	5,621,151	1,070	293	12	227	2	245	7	340	1112
Niagara Falls.....	50,760	13	11				13			1
North Tonawanda.....	15,482	4			2					
Olean.....	20,506	7								
Peekskill.....	15,868	1	2		3				5	
Port Chester.....	16,573	3	1		33					1
Poughkeepsie.....	35,000	12	1	1					2	1
Rochester.....	285,750	49	15	1			8			6
Rome.....	26,341	10			1					
Saratoga Springs.....	13,181	2			2					
Schenectady.....	88,723	13	2		9		6		4	3
Syracuse.....	171,717	43	14	3	42		9		4	2
Troy.....	72,013	19	1		1				3	1
White Plains.....	21,031	5			1		1			
Yonkers.....	100,226	14	4		3		5			3
North Carolina:										
Charlotte.....	46,338	11			2				6	
Durham.....	21,719	6			2		1			
Greensboro.....	19,861	7								2
Raleigh.....	24,418	11			1					2
Rocky Mount.....	12,742	4								
Wilmington.....	33,372	7			4					
Winston-Salem.....	48,395	12							1	2
North Dakota:										
Fargo.....	21,961		4				4			
Grand Forks.....	14,010						2			
Minot.....	10,476	5								
Ohio:										
Akron.....	208,435	29	5		3		4		4	
Alliance.....	21,603	8					1			
Barberton.....	18,811						2	1	1	1
Bucyrus.....	10,425	0	1		1					
Canton.....	87,091	18	8	1			3	2		
Chillicothe.....	15,831	3								
Cincinnati.....	401,247	98	10	4	6	1	5		42	9
Cleveland.....	796,836		18		40		39			
Cleveland Heights.....	15,236		1						2	
Columbus.....	237,031	58	6				5		4	4
Cuyahoga Falls.....	10,200	2					1			1
Dayton.....	152,559	44			2				1	
East Cleveland.....	27,292	1		1	2					
Findlay.....	17,021	0								
Fremont.....	12,468	2								
Hamilton.....	39,675	7	1	1			2		2	
Ironton.....	14,007	3			1					
Lancaster.....	14,706	6			1				2	1
Lorain.....	37,295		1		9		1			
Mansfield.....	27,824	3			6				2	
Middletown.....	23,594	4					2			
Newark.....	26,718	14					1			1
Niles.....	13,080	1			1		1			
Piqua.....	15,044	1								
Salem.....	10,305	3								
Sandusky.....	22,897	3								
Springfield.....	60,840	11	2	1	1		5		1	1
Steubenville.....	28,503	10					2		2	
Tiffin.....	14,375	3								
Toledo.....	243,109	40	12	1	1		4		4	3
Youngstown.....	132,358	27			33		5	1	3	1
Zanesville.....	29,569	6	1							
Oklahoma:										
Muskogee.....	30,277				4					
Oklahoma City.....	91,258	13							1	
Oregon:										
Portland.....	258,288	55	10		26		3	1	5	6
Pennsylvania:										
Philadelphia.....	1,823,158	367	76	1	38	1	129	3	58	40

¹ Pulmonary tuberculosis only.

CITY REPORTS FOR WEEK ENDED JUNE 11, 1921—Continued.

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

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Rhode Island:										
Cranston.....	29,407	6	3		4		3			
Cumberland (town).....	10,077	1					1			
Newport.....	30,255	4	3				7			
Providence.....	237,595	53	8		19	1				5
South Carolina:										
Charleston.....	67,957	48							1	4
Columbia.....	37,524				13				1	
South Dakota:										
Sioux Falls.....	25,176	5	1		2					
Tennessee:										
Chattanooga.....	57,895				1					
Knoxville.....	77,818				2		1		2	2
Nashville.....	118,342	41			16		4		3	1
Texas:										
Beaumont.....	40,422	3								
Dallas.....	158,976	39	3		39				6	3
El Paso.....	77,543	38		1			2			6
Fort Worth.....	106,482		1		5		1		1	
Galveston.....	44,255	11	1							
Utah:										
Salt Lake City.....	118,110	35	4	2	1		1		3	1
Vermont:										
Burlington.....	22,779	5	4		1					1
Rutland.....	14,954	8								
Virginia:										
Alexandria.....	18,060	1								
Danville.....	21,539	3					1			
Lynchburg.....	29,956	10			19		1		1	1
Norfolk.....	115,777				2		3		4	1
Petersburg.....	31,002	9			3				4	2
Portsmouth.....	54,387	14	1						4	3
Richmond.....	171,967	55	6		37				24	9
Roanoke.....	50,842	17	1		4					
Washington:										
Bellingham.....	25,570						1			
Everett.....	27,644		2		17					
Seattle.....	315,652		1		3		6			
Spokane.....	104,437		4		31		6			
Tacoma.....	96,965				17		4		1	
Yakima.....	18,539				10		1			
West Virginia:										
Charleston.....	39,608	7								
Fairmont.....	17,851		2							
Huntington.....	50,177	30			9		1			5
Martinsburg.....	12,515	1	1	1			1			
Moundsville.....	10,669	3								1
Parkersburg.....	20,050	8							1	2
Wheeling.....	54,322	11			6		2		1	
Wisconsin:										
Appleton.....	19,561		1				1			
Beloit.....	21,284		1							
Eau Claire.....	20,880		1		1		1			
Fond du Lac.....	23,427	3								
Green Bay.....	31,017	7	8	2	2					
Janesville.....	18,293	5								
Kenosha.....	40,472	8			6		3	1	1	
Marinette.....	13,610								1	
Milwaukee.....	457,147		15		10		27		16	
Oshkosh.....	33,162	7								
Racine.....	58,593	4	2				13			
Sheboygan.....	30,955		2				1			
Superior.....	39,624	5	1		1		3			
Wyoming:										
Cheyenne.....	13,829	3					2			

FOREIGN AND INSULAR.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	June 1-10, 1921.		Remain- ing under treatment June 10, 1921.	Disease.	June 1-10, 1921.		Remain- ing under treatment June 10, 1921.
	New cases.	Deaths.			New cases.	Deaths.	
Chicken pox.....	4		9	Measles.....	2		2
Diphtheria.....	4	2		Scarlet fever.....			2
Leprosy.....			11	Smallpox.....	1		2
Malaria.....	25		12	Typhoid fever.....	6		24

¹ From the interior, 6.

² From the interior, 12; from abroad, 1.

ECUADOR.

Anthrax—Foot-and-Mouth Disease—Guayaquil.

Anthrax and foot-and-mouth disease were reported at Guayaquil, Ecuador, June 16, 1921.

GREECE.

Influenza—Athens—Kalamata.

During the period from March 10 to May 3, 1921, 40 fatal cases of influenza were reported at Athens. At Kalamata during the four weeks ended April 13, 1921, 10 fatal cases of influenza were reported.

HAWAII.

Plague—Honokaa.

A fatal case of plague was reported at Honokaa, Hawaii, May 14, 1921.

JAMAICA.

Infectious Disease (Alastrim or Kaffir Pox).

During the two weeks ended May 28, 1921, 351 new cases of alastrim or Kaffir pox were reported in the island of Jamaica.

PORTO RICO.

Examination of Rats—Plague Rats Found.

During the week ended June 4, 1921, 3,454 rats were examined in Porto Rico. Three rats were found positive for plague, viz, 1 rat taken at Bayamon May 21 and 2 rats taken at Puerta de Tierra

May 13 and 21; total number rats reported positive for plague from the beginning of the outbreak, 86, of which 75 were reported found in San Juan and vicinity.

UNION OF SOUTH AFRICA.

Destruction of Wild Rodents.¹

Information dated April 30, 1921, shows that efforts were being made in the Union of South Africa to exterminate certain wild rodents belonging to the mouse family which were stated to have been proved to be plague infected over a wide area of the Orange Free State. These rodents are described as nocturnal in their habits and difficult to locate, as they close up their burrows from inside. Effective measures of destruction were stated to have been taken in limited areas around homesteads and dwellings by the use of carbon bisulphide, the gas from which sinks into the burrows.

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

Reports Received During Week Ended July 1, 1921.²

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Apr. 24-30.....	1	.....
Calcutta.....	May 1-7.....	50	47	
Indo-China:				
Saigon.....	Apr. 11-May 8.....	87	55	
Philippine Islands:				
Manila.....	May 8-14.....	1	.....
Province—				
Palawan.....	Mar. 6-12.....	1	.....

PLAGUE.

Asia Minor:				
Smyrna.....	May 1-7.....	2	.....
Brazil:				
Bahia.....	Apr. 24-30.....	1	1	
Ceylon:				
Colombo.....	May 1-7.....	1	1	
China:				
Kwangtung Province—				
Tapu district.....	May 1-7.....	.....	.....	Several fatal cases reported.
Egypt.....				Jan. 1-May 19, 1921: Cases, 123;
Cities—				deaths, 57.
Alexandria.....	May 15-17.....	2	1	
Suez.....	May 15.....	1	1	Septicemic.
Provinces—				
Assiout.....	May 15.....	1	1	
Fayoum.....	May 17.....	1	1	
Gharbieh.....	May 14.....	2	.....
Minieh.....	May 13.....	1	.....
Hawaii:				
Honokaa.....	May 14.....	1	1	
India.....				Apr. 25-30, 1921: Cases 446;
Bombay.....	Apr. 24-30.....	95	75	deaths, 375.
Madras Presidency.....	May 8-14.....	40	26	

¹ Public Health Reports, Feb. 25, 1921, p. 420, and Apr. 15, 1921, p. 840.

² 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 July 1, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China: Saigon.....				Apr. 11—May 8: Rodent plague; 13 rats found infected. May 13-21, 1921: Three plague-infected rats found; total to date, 86.
Porto Rico.....				
Portuguese West Africa: Loanda.....	Mar. 20-Apr. 2.....	7	7	Last case reported Apr. 2, 1921.
Russia: Siberia— Vladivostok.....	Apr. 10-30.....		43	On Apr. 30, 27 cases present—4 Russian, 23 Chinese.
Siam: Bangkok.....	Apr. 3-23.....	8	7	
Uruguay: Montevideo.....	Feb. 1-28.....	1	1	
On vessel: S. S.	May 2.....		16	At Chefoo, China; Russian vessel from Vladivostok; 100 contacts escaped. Port declared infected.

SMALLPOX.

Brazil: Rio de Janeiro.....	Apr. 24-30.....	3		
Canada: Manitoba— Winnipeg.....	May 15-28.....	11		
Nova Scotia— Sydney.....	May 22-June 4.....	4		
Ontario— Montreal.....	June 5-11.....	5		
Ottawa.....	May 29-June 11.....	27		
Toronto.....	May 22-June 4.....	3		
China: Amoy.....	Apr. 24-May 7.....		4	Present.
Chungking.....	Apr. 17-30.....			
Foochow.....	Apr. 17-May 7.....			Do.
Hongkong.....	Mar. 28-Apr. 23.....	45	40	
Manchuria— Dairen.....	Apr. 25-May 8.....	23	2	
Mukden.....	May 8-14.....			Do.
Nanking.....	Apr. 24-May 7.....			Do.
Tientsin.....	May. 1-7.....	4		
Colombia: Santa Marta.....	May 29-June 4.....			Do.
Cuba: Antilla.....	May 22-June 4.....	6		
Guatemala: Guatemala City.....	Apr. 1-30.....		1	
Japan: Yokohama.....	Apr. 25-May 1.....	1		
Java: West Java.....				Apr. 22-28, 1921: Cases, 2; deaths, 3.
Krawang.....	Apr. 22-28.....	2		
Lebak.....	do.....		3	
Jugoslavia.....				Feb. 27—Mar. 5, 1921: Cases, 60; deaths, 20.
Mexico: Acapulco.....	May 22-28.....	1	1	
Vera Cruz.....	May 30-June 5.....		1	
Newfoundland: St. Johns.....	June 4-10.....	2		At Avondale, Cape Breton, June 4-10, 1921: One case.
Portugal: Lisbon.....	May 8-14.....		2	
Oporto.....	May 15-21.....	1	1	
Portuguese West Africa: Loanda.....	Mar. 19-Apr. 17.....		2	

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

Reports Received During Week Ended July 1, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Spain:				
Barcelona.....	Apr. 28-May 11.....		6	
Switzerland:				
Basel.....	Apr. 3-May 7.....	5		
Zurich.....	May 15-21.....	6		
Turkey:				
Constantinople.....	May 8-21.....	6		

TYPHUS FEVER.

China:				
Manchuria—				
Harbin.....	May 3-9.....	1		
Greece:				
Saloniki.....	May 8-22.....	130	9	Of these, 4 cases, 1 death in civil population. Present in district among refugees at two localities.
Jugoslavia.....				Feb. 28-Mar. 5, 1921: Cases, 35; deaths, 4.
Mexico:				Present.
San Luis Potosi.....	June 5-11.....			

Reports Received from Jan. 1 to July 1, 1921.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Canton.....	Nov. 1-30.....	7	6	Present.
Changsha.....	Nov. 29.....			Do.
Chungking.....	do.....			Do.
Chosen (Korea)				Aug. 1-Dec. 2, 1920: Cases, 24,017; deaths, 13,329.
India:				Sept. 26-Oct. 9, 1920: Deaths, 2,672. Oct. 31-Dec. 11, 1920: Deaths, 7,184. Jan. 2-Feb. 26, 1921: Deaths, 9,758.
Bombay.....	Dec. 5-11.....	2	2	
Do.....	Jan. 16-Apr. 30.....	5	2	
Calcutta.....	Oct. 31-Dec. 25.....	321	283	
Do.....	Dec. 25-May 7.....	1,417	1,206	
Karachi.....	May 1-7.....	1		
Madras.....	Dec. 12-18.....	77	44	
Do.....	Dec. 26-Apr. 30.....	314	115	
Rangoon.....	Nov. 28-Dec. 25.....	9	8	
Do.....	Dec. 26-Apr. 23.....	44	38	
Indo-China				July 1-31, 1920: Cases, 136; deaths, 98.
Saigon.....	Dec. 27-Feb. 27.....	7	4	Including surrounding country.
Japan:				
Taiwan Island (Formosa).....	Nov. 11-Dec. 31.....	219	93	
Do.....	Jan. 1-20.....	2		
Java:				
West Java—				
Bandoeng.....	Oct. 29-Nov. 11.....	2	1	
Batavia.....	Nov. 25-Dec. 1.....	1		
Philippine Islands:				
Manila.....	Nov. 7-Dec. 25.....	9		
Do.....	Jan. 9-May 14.....	31		
Provinces—				
Bulacan.....	Apr. 3-9.....	1	1	
Cagayan.....	Oct. 3-Nov. 20.....	11	9	
Laguna.....	Apr. 3-9.....	1		
Mindoro.....	Jan. 9-15.....	4		
Occidental Negros.....	do.....	1		
Palawan.....	May 6-12.....	1		
Samar.....	Aug. 1-7.....	1	1	
Sorsogon.....	Jan. 2-8.....	1		

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

CHOLERA—Continued.

Place	Date	Cases	Deaths	Remarks
Poland.....				Oct. 1-31, 1920: Cases, 26; deaths, 13. Mar. 15, 1921: Cases present, 86 among prisoners, 8 in civil population; 2 among military.
Eastern frontier—				Present.
Bialystok.....	Dec. 16.....			
Galicia.....	Nov. 1-30.....	19	11	Do.
Grodno.....	do.....			Do.
Ollza.....	do.....			Present in Russian prison camp, Mar. 1, 1921: Cases, 31.
Posen.....	do.....			
Stralkowo.....	do.....			
Streino.....	do.....	1	1	In district.
Warsaw.....	Oct. 1-31.....	2		
Do.....	Dec. 16.....	5		Nov. 1-30, 1920: Cases, 7; deaths, 2.
Russia:				
Caucasus.....				May 19, 1921: Reported in several localities.
Lithuania.....				Feb. 19, 1921: Cases reported, 35; mortality, 30 per cent.
Latvia—				Present.
Riga.....	Jan. 22.....			
Moscow—				Do.
Kolomna.....	May 19.....			Do.
Rostoff on Don.....	do.....			Reported in several localities.
Ukraine.....	do.....			
Siam:				
Bangkok.....	Oct. 9-Nov. 7.....	7	1	
Do.....	Dec. 26-Apr. 2.....	8	2	

PLAGUE.

Algeria:				
Algiers.....	Nov. 1-Dec. 31.....	3	1	
Do.....	Jan. 1-31.....	3	1	
Oran.....	Mar. 11-20.....	2	1	Dec. 20, 1920; 1 case.
Argentina:				
Rosario.....	Feb. 1-28.....		3	Jan. 1-31, 1921: 3 plague rodents found.
Asia Minor:				
Smyrna.....	May 1-7.....		2	
Azores:				
St. Michaels.....				Total, Oct. 1-Dec. 10, 1910: Cases, 149; deaths, 49. In vicinity of Ponta Delgada.
Ponta Delgada.....	Feb. 5-11.....	1		
Brazil:				
Bahia.....	Oct. 31-Dec. 18.....	6	4	
Do.....	Dec. 26-Apr. 30.....	15	5	
Ceara.....	Oct. 17-Feb.....		16	
Pernambuco.....	Oct. 18-Dec. 5.....	1	3	
Porto Alegre.....	Nov. 14-Dec. 11.....		2	
Do.....	Dec. 23-Feb. 19.....		7	
Rio de Janeiro.....	Feb. 15-21.....	1		
British East Africa:				
Kenya Colony—				Outbreak, Nov. 8, 1920: Cases reported, 1,057.
Kisumu.....	Oct. 31-Dec. 25.....			Present.
Do.....	Dec. 26-Mar. 26.....			Apr. 3-3, 1921: Cases, 4; deaths, 3.
Mombassa.....	Oct. 31-Dec. 25.....	2	2	
Do.....	Dec. 26-Jan. 15.....			Present.
Nairobi.....	Oct. 31-Dec. 25.....	16	11	Pneumonic, present.
Do.....	Jan. 2-Feb. 5.....	19	15	Entire protectorate.
Uganda.....	July 1-Dec. 31.....	192	169	
Ceylon:				
Colombo.....	Nov. 7-Dec. 18.....	18	60	
Do.....	Jan. 10-May 7.....	129	114	
Chile:				
Antofagasta.....	July 9-Dec. 29.....	15	2	Year 1920: Cases, 24.
Do.....	Dec. 27-Feb. 5.....	3		

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amov.....	Apr. 3-9.....	1	1	
Chihli Province.....				Mar. 11, 1921: Present on Tientsin & Pukow R. R., 70 miles east of Tientsin. Pneumonic. Reappearance of plague reported Apr. 12, 1921. Mar. 14, 1921: Reported in 15 localities with 100 fatal cases. Total to Apr. 5, 1921: Deaths, 243. Six districts infected April, 1921.
Hokien district.....	Apr. 30.....		100	Estimated.
Hsien-shien.....				In April, 1921, 48 cases.
Peking.....	Jan. 25.....		1	In Chinese quarter.
Techang district.....				April, 1921, present in a few river villages.
Tsin-chien district.....	Apr. 28-29.....	35	2	In April, 1921, 42 deaths.
Hongkong.....	Nov. 7-Dec. 18.....	6	6	
Do.....	Jan. 9-Feb. 12.....	6	6	
Hwangsein.....	Feb. 12.....			A few cases reported.
Kwantung Province.....	Dec. 29.....			Reported present in Tapu district. Mar. 7, 1921. Recurrence. May 1-7: Several fatal cases.
Manchuria Province—				
Changchun.....	Feb. 18.....	15		To Apr. 20, 1921: Cases, 42.
Harbin.....	Feb. 2-Apr. 9.....	1,319		West of Harbin, Feb. 7, 1921, 400 fatal cases reported. Feb. 14, 1921, fatal cases, 1,200. To Mar. 14, 1921: 4,000 fatal cases. Pneumonic. Fatal cases reported daily, about 40. Apr. 13, improving; east of Harbin, more serious.
Kirin.....				To Apr. 20, 1921: Cases, 19.
Kou-pangtzu.....				To Apr. 20, 1921: Cases, 18.
Mukden.....	Feb. 20-26.....			Prevalent. Apr. 20, 1921, 3 cases.
Tsitsihar.....	Feb. 2-Mar. 10.....			Present.
Sang Yuan.....	Mar. 3.....		50	In northern Shantung Province.
Shanghai.....				Two plague rats found, Dec. 20 and Dec. 31, 1920.
Ecuador:				
Guavaquil.....	Nov. 16-Dec. 31.....	111	36	
Do.....	Jan. 1-Apr. 30.....	225	77	
Egypt:				Jan. 1-Dec. 30, 1920: Cases, 462; deaths, 269. Jan. 1-May 19, 1921: Cases, 115; deaths, 53.
Cities—				
Alexandria.....	Jan. 17-May 17.....	36	12	
Port Said.....	Oct. 22-28.....	1	1	
Do.....	Jan. 22.....	1	1	
Suez.....	Nov. 18-27.....	10	3	
Do.....	Jan. 5-May 15.....	22	19	Pneumonic, 6 cases; septicemic, 1 case.
Provinces—				
Assiout.....	Nov. 24.....	3	2	
Do.....	May 15.....	2	1	
Fayoum.....	May 17.....	1	1	
Gharbi-sh.....	Apr. 7-May 14.....	3		
Girgeh.....	May 7.....	3		
Minieh.....	Feb. 14-May 13.....	6	1	
France:				
Marseille.....	June-Aug. 31.....	58	20	
Paris.....	June-Oct. 15.....	50	11	In suburbs, June-Nov. 2, 1920: Cases, 38; deaths, 19.
Do.....				Jan. 1-13, 1921: Cases, 3; deaths, 1. (Suspect.)
Great Britain:				
Dublin.....				1 case reported Dec. 15, 1920; date of occurrence Oct. 18, 1920.
Liverpool.....				Plague-infected rat found, period Nov. 28-Dec. 11, 1920.
Greece:				
Kavala.....	Oct. 29-Nov. 7.....	2		
Hawaii:				
Honokaa.....	May 14.....	1	1	

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India.....				Oct. 24-Dec. 25, 1920: Cases, 21,376; deaths, 14,874. Jan. 2-Apr. 30, 1921: Cases, 62,199; deaths 50,100.
Bombay.....	Nov. 28-Dec. 25.....	6	6	
Do.....	Dec. 26-Apr. 30.....	636	481	
Calcutta.....	Nov. 14-20.....	46	44	
Do.....	Jan. 30-Apr. 30.....	28	24	
Karachi.....	Dec. 25-31.....	2	2	
Do.....	Mar. 27-May 7.....	36	40	
Madras.....	Dec. 5-25.....	7	4	
Do.....	Jan. 9-29.....	3	1	
Madras Presidency.....	Nov. 14-Dec. 25.....	4,349	2,991	
Do.....	Dec. 26-May 14.....	11,115	8,070	
Rangoon.....	Oct. 31-Dec. 25.....	30	28	
Do.....	Dec. 26-Apr. 23.....	399	378	
Indo-China.....				July 1-31, 1920: Cases, 98; deaths, 74.
Saigon.....	Dec. 27-Mar. 20.....	9	5	Including surrounding country. Mar. 21-May 8, 1921: 15 plague rats.
Java:				
West Java—				
Batavia.....	Nov. 21-Dec. 1.....	3	3	
Do.....	Jan. 13-25.....	1	3	Mar. 31-Apr. 6, 1921: One plague rat found.
Jugoslavia:				
Cattaro.....	Feb. 23.....	3	3	Among French troops.
Madagascar:				
Tamatave.....	Mar. 1-Apr. 9.....	80	49	Mar. 8-26, 1921: Cases, 75; deaths, 45.
Mesopotamia:				
Bagdad.....	Oct. 1-31.....	25	7	
Do.....	Feb. 1-Mar. 31.....	5	4	
Mexico:				
Carbonera.....	Dec. 5-20.....	3	1	State of San Luis, Potosi. Dec., 1920-Feb. 12, 1921: Cases, 24.
Do.....	Dec. 26-Jan. 8.....	3	3	State of San Luis Potosi.
Cerritos.....	Dec. 5-20.....	7	8	
Do.....	Dec. 26-Feb. 5.....	5	5	
Tampico.....	Mar. 23-June 9.....	90	2	Total plague cases, Jan. 1-June 9, 1921: 119.
Vera Cruz.....				Mar. 21-Apr. 10, 1921: Four plague-infected rodents found. Mar. 14, 1921: Rodent plague present.
Morocco:				
Tangiers.....	Apr. 25.....			Reported present.
Paraguay:				
Asuncion.....	Feb. 4.....	1	1	
Persia:				
Kermanschah.....	Jan. 4.....			Present in vicinity.
Peru.....				Year 1920: Cases, 758; deaths, 392. Jan.-Feb. 28, 1921: Cases, 141; deaths, 71.
Departments—				
Arequipa.....	Jan. 1-Dec. 31.....	51	29	
Ancash.....	do.....	23	10	
Cajamarca.....	do.....	39	20	
Callao (Province).....	do.....	61	30	
Lambayeque.....	do.....	53	19	
Libertad.....	do.....	174	72	
Lima.....	do.....	153	80	
Piura.....	do.....	204	132	
Callao-Lima.....				Jan. 1-31, 1921: Cases, 3; deaths, 2.
Callao.....	Feb. 1-15.....	2	1	
Libertad.....	do.....	1	1	
Trujillo-Salaverry.....	Dec. 27-Apr. 2.....	35	8	
Lima.....	Feb. 1-15.....	14	4	
Piura.....	do.....	21	10	
Porto Rico.....				Total plague cases from beginning of outbreak to June 4, 1921; 22: total plague-infected rats, 8, of which, 75 in San Juan and vicinity.
Portugal:				
Lisbon.....	Oct. 2-Nov. 17.....	93	27	
Do.....	Feb. 4.....	1	1	

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Portuguese West Africa:				
Angola—				
Loanda.....	Mar. 20-Apr. 2....	7	7	Mar. 18-Apr. 8, 1921: Rat plague present.
Guinea.....	May 24.....			Present.
Russia:				
Batum.....	Nov. 24-Dec. 3....	38		Epidemic outbreak.
Siberia—				
Vladivostok.....	Apr. 10-30.....		43	On Apr. 30, 1921: Cases present 27—Russian, 4; Chinese, 23.
Senegal:				
Dakar.....	June 11.....			Rodent plague present.
Siam:				
Bangkok.....	Dec. 5-11.....	1	1	
Do.....	Mar. 13-Apr. 23....	19	18	
Straits Settlements:				
Singapore.....	Oct. 31-Nov. 6....	1	1	
Do.....	Feb. 13-Apr. 30....	12	13	
Tunis:				
Ben Gardane.....				June-July, 1920: Cases, 6. November-December, 1920: Cases 10, in surrounding territory.
Zarzis.....	Jan. 25.....	1		Jan. 15, 1921: 10 cases notified in vicinity. (Corrected report received Mar. 30, 1921.) Apr. 25, 1921: Outbreak in vicinity reported. Apr. 23: Cases, 23; deaths, 8.
Turkey:				
Constantinople.....	Nov. 21-27.....	1	2	
Union of South Africa.....				Apr. 10-16, 1921: Many new cases reported.
Orange Free State—				
Hoopstad district.....	N v. 28-Dec. 18....	3	1	1 European, 2 natives. On Vryheid Farm. (Public Health Reports, June 25, 1920, p. 1560.)
Do.....	Jan. 23-Mar. 26....	3	1	European and natives. On farms.
Kroonstad district.....	Jan. 23-Apr. 16....	14	7	On farms. Three cases, 1 death, European. Plague-infected wild rodents found.
On vessel:				
S. S. Kronprincessan Victoria.....	Jan. 15.....			At Stockholm, Sweden. Rat plague found. Vessel left Buenos Aires, Argentina, Nov. 17, 1920. Stopped at Goteborg and Malmo, Sweden. Left Malmo Jan. 11, 1921. Rats found dead Jan. 13, 1921, at Stockholm.
S. S. Mansourah.....	May 8.....	1		At Suakim, Egypt, from Suez via Port Sudan.

SMALLPOX.

Algeria:				
Algiers.....	Jan. 1-31.....	5		
Argentina:				
Rosario.....	Mar. 1-31.....	1		Aug. 20-Dec. 25, 1920: Cases, 75.
Austria.....				
Azores:				
Ponta Delgada.....	Dec. 18-24.....	7		
Bolivia:				
La Paz.....	Oct. 1-Dec. 31....	19	7	
Do.....	Jan. 31-Mar. 31....	14	7	
Brazil:				
Bahia.....	Oct. 31-Dec. 25....	6		
Do.....	Jan. 8-Apr. 16....	5		
Pernambuco.....	Oct. 18-Dec. 19....	102	2	
Do.....	Dec. 27-Mar. 27....	53	1	
Rio de Janeiro.....	Oct. 21-Dec. 25....	112	26	
Do.....	Dec. 26-Apr. 30....	28	6	
Sao Paulo.....	Dec. 13-19.....	1	1	
Do.....	Dec. 26-Jan. 2....	1	1	

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
British East Africa:				
Kenya Colony—				
Mombasa.....	Jan. 23-29.....	1		
Uganda.....	Dec. 1-31.....	4	2	May 1-June 30, 1920: Cases, 272.
Bulgaria:				
Sofia.....	Nov. 7-13.....	2		
Canada:				
Alberta—				
Calgary.....	Dec. 12-18.....	2		
Do.....	Jan. 2-May 21.....	17	1	
British Columbia—				
Fernie.....	Feb. 6-12.....	2		
Vancouver.....	Dec. 5-11.....	1		
Do.....	Dec. 26-May 7.....	43		
Victoria.....	Jan. 30-Mar. 5.....	5		
Manitoba.....				
Winnipeg.....	Jan. 16-May 28.....	41		
New Brunswick.....				
Bonaventure and Gaspé Counties.....	Feb. 1-May 30.....	18		From lumber camp on Canadian Government R. R., Feb. 5, 1921, 5 cases. Present.
Campbellton.....	Jan. 9-15.....			
Charlotte County.....	Apr. 24-May 7.....	7		
Gloucester County.....	Jan. 23-29.....	1		
Madawaska County.....	Jan. 30-Feb. 19.....	2		
Northumberland County.....	Mar. 6-May 21.....	3		
Restigouche County.....	Dec. 12-18.....	1		
Do.....	Feb. 6-19.....	2		
St. Stephen.....	Feb. 27-Mar. 5.....	1		
York County.....	do.....	6		
Nova Scotia—				
Sydney.....	Feb. 13-June 4.....	13		
Yarmouth.....	Jan. 9-Mar. 26.....	9		
Ontario.....				
Hamilton.....	Dec. 19-31.....	9		
Do.....	Jan. 2-May 28.....	77		
Kingston.....	Dec. 26-Apr. 23.....	15		
London.....	Jan. 2-June 4.....	41		
Montreal.....	Jan. 2-June 11.....	20		
Niagara Falls.....	Dec. 12-18.....	1		
North Bay.....	Dec. 12-25.....	4		
Do.....	Jan. 2-May 7.....	36		
Ottawa.....	Dec. 12-25.....	75	1	
Do.....	Dec. 26-June 11.....	864	3	
Peterborough.....	Dec. 26-Apr. 30.....	7	1	
Prescott.....	Apr. 3-9.....	1		
Sarnia.....	Feb. 20-May 28.....	3		
Sault Ste. Marie.....	Jan. 9-Feb. 12.....	48		Mar. 27-Apr. 23, 1921: Present.
Toronto.....	Dec. 12-25.....	7		Four reported cases.
Do.....	Dec. 26-June 4.....	81		
Quebec—				
Quebec.....	Jan. 28-Feb. 19.....	2		
Saskatchewan—				
Moose Jaw.....	Dec. 19-25.....	1		
Do.....	Jan. 2-Apr. 30.....	16		
Regina.....	Dec. 12-25.....	11		
Do.....	Jan. 2-June 4.....	90		
Saskatoon.....	Dec. 16-22.....	20		
Do.....	Jan. 9-Mar. 26.....	28		
Ceylon:				
Colombo.....	Nov. 21-Dec. 25.....	18	7	
Do.....	Dec. 26-Apr. 30.....	7	3	
Chile:				
Antofagasta Province—				
Antofagasta.....	Mar. 21-May 15.....	170	48	Present at interior nitrate plants, April and May, 1921.
Calama.....	do.....			Present.
Mejillones.....	do.....			Do.
Ollague.....	do.....			Do.
Tacna.....	Apr. 23.....			Do.
Coquimbo Province—				
Coquimbo.....	Feb. 13-19.....	2		
Tarapaca Province—				
Iquique.....	Mar. 16.....			Epidemic with high mortality

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	Nov. 7-Dec. 25.....		7	
Do.....	Dec. 26-May 7.....		22	
Antung.....	Dec. 20-26.....	1		
Do.....	Jan. 10-Apr. 24.....	6	3	
Canton.....	Dec. 1-31.....			Present.
Do.....	Jan. 1-Mar. 31.....			Do.
Chungking.....	Nov. 7-Dec. 25.....			Do.
Do.....	Dec. 26-Apr. 30.....			Do.
Foochow.....	Nov. 7-Dec. 25.....			Do.
Do.....	Dec. 26-May 7.....			Do.
Hangkow.....	Jan. 2-22.....	2	1	
Hongkong.....	Jan. 16-Apr. 23.....	88	70	
Manchuria Province—				
Dairen.....	Nov. 16-Dec. 20.....	12	3	
Do.....	Dec. 28-May 8.....	528	65	
Mukden.....	Dec. 12-18.....			Provalent.
Do.....	Jan. 16-May 14.....			Present.
Nanking.....	Nov. 14-Dec. 18.....			Do.
Do.....	Dec. 26-May 7.....			Do.
Shanghai.....	Feb. 7-Apr. 30.....	4	2	
Tientsin.....	Nov. 14-Dec. 4.....	2		
Do.....	Dec. 26-May 7.....	21	1	Dec. 12-25, 1920: Cases, 160; in camp for famine refugees.
Tsinanfu.....	Oct. 31-Nov. 12.....	20		In camp for famine refugees, Dec. 26, 1920; Feb. 5, 1921: Cases, 477. Statistics of Shantung Christian Hospital.
Tsingtau.....	Jan. 3-Mar. 27.....	6	2	
Chosen (Korea):				
Chemulpo.....	Dec. 1-31.....	1		
Fusan.....	Nov. 1-30.....	1		
Do.....	Jan. 1-Apr. 30.....	13	2	
Gensan.....	Dec. 1-31.....	15	12	
Do.....	Jan. 1-Apr. 30.....	62	31	
Seoul.....	Mar. 1-Apr. 30.....	4	1	
Colombia:				
Barranquilla.....	Jan. 16-Mar. 12.....			Present.
Santa Marta.....	Dec. 5-25.....			Do.
Do.....	Dec. 26-June 4.....			Do.
Cuba:				
Antilla.....	Dec. 7-27.....	10		For port of Preston. May 7-14: 1 case from Baracoa.
Do.....	Jan. 2-June 4.....	106		Reported seriously prevalent during January, 1921: Cases, 17, 1921: 386 cases reported.
Camaguey Province.....				1 from Jatibonico, Cuba; 1 from Jamaica.
Cienfuegos.....	Mar. 13-Apr. 2.....	3		
Habana.....	Dec. 31-Feb. 16.....	11		
Lugareno.....	Mar. 7-13.....	2		Vicinity of Nuevitas. Dec. 6-12, 1920; 1 case. Apr. 25-May 1, 1921: Present.
Matanzas.....	Jan. 2-29.....	6		And vicinity.
Nuevitas.....	Dec. 6-19.....	2		Mar. 17, 1921; 394 cases reported.
Do.....	Jan. 3-May 8.....	82		
Oriente Province.....				
Santiago.....	Nov. 20-Dec. 10.....	26		
Do.....	Feb. 1-May 30.....	309	1	"Alastrim" reported present. Estimated, Mar. 1-20, 1921: Cases, 1,000.
Czechoslovakia.....				July 11-Aug. 14, 1920: Cases, 141; deaths, 29.
Danzig.....	Dec. 5-18.....	2		Nov. 15-Dec. 25, 1920: Cases 9; occurring in 4 localities.
Dominican Republic:				
Santo Domingo.....	Jan. 9-Feb. 19.....	18	1	
Ecuador:				
Guayaquil.....	Nov. 16-Dec. 31.....	33	2	
Do.....	Jan. 1-Apr. 30.....	88		
Egypt:				
Alexandria.....	Dec. 17-31.....	3	1	
Do.....	Jan. 1-Apr. 8.....	11	2	
Cairo.....	Oct. 1-Dec. 9.....	3		
Do.....	Jan. 8-May 11.....	3	2	
Port Said.....	Nov. 19-Dec. 31.....	1	1	
Do.....	Jan. 8-14.....		1	

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
France:				
Paris.....	Nov. 1-30.....	2	1	
Do.....	Jan. 1-31.....	7	1	
Rouen.....	Nov. 21-Dec. 31.....	7	2	
Do.....	Feb. 13-Mar. 19.....	4	1	
St. Etienne.....	Dec. 3-15.....	2	1	
Do.....	Jan. 23-Feb. 12.....	3		
Germany.....				
				Aug. 29-Nov. 6, 1920: Cases, 40. Mar. 13-Apr. 30, 1921: Cases, 142.
Great Britain:				
Belfast.....	May 8-14.....	1		
Glasgow.....	Dec. 25.....	11	2	
Do.....	Jan. 2-Mar. 19.....	23	8	
Liverpool.....	Jan. 20-Feb. 5.....	1		
London.....	Dec. 26-Jan. 1.....	1		
Greece:				
Patras.....	Apr. 4-10.....		1	
Saloniki.....	Nov. 15-Dec. 26.....	39	14	
Do.....	Dec. 27-May 1.....	59	34	In surrounding country: Cases, 21; deaths, 2. Cases reported Mar. 14-Apr. 3, 1921, were among Russians.
Guatemala:				
Guatemala City.....	Apr. 1-30.....		1	
Haiti:				
Cape Haitien.....	Feb. 13-May 28.....	396	2	
Port au Prince.....	Sept. 22-Dec. 2.....	480	2	In 8 interior towns, 20 cases. In one locality, 18 cases. In country districts, vicinity of Port au Prince, cases numerous. From date of outbreak, Sept. 22, 1920, to Apr. 21, 1921: Cases, 3,166, deaths, 297.
Honduras:				
Ceiba.....	Feb. 13-Mar. 5.....	4		
India:				
Bombay.....	Nov. 7-Dec. 25.....	11	3	
Do.....	Dec. 26-Apr. 23.....	588	248	Sept. 26-Oct. 9, 1920: Deaths, 250. Oct. 31-Dec. 11, 1920: Deaths, 3,902. Dec. 19-25, 1920: Deaths, 353. Dec. 26, 1920-Feb. 26, 1921: Deaths, 4,606.
Calcutta.....	Dec. 5-11.....	2	2	
Do.....	Jan. 2-May 7.....	49	34	
Karachi.....	Jan. 16-May 7.....	58	2	
Madras.....	Nov. 14-Dec. 18.....	7	5	
Do.....	Dec. 26-May 7.....	151	36	
Rangoon.....	Nov. 21-Dec. 25.....	5	1	
Do.....	Jan. 2-Apr. 23.....	60	11	
Indo-China				
Saigon.....	Mar. 13-20.....	1		July 1-21, 1920: Cases, 107; deaths, 24.
Italy:				
Catania.....	Nov. 29-Dec. 5.....	1		
Do.....	Feb. 14-Mar. 12.....	11		In Province, Nov. 29-Dec. 26, 1920: Cases, 43. Jan. 3-10, 1921: Cases, 32. Jan. 17-May 22, 1921: Cases, 122.
Genoa.....	Feb. 7-13.....	3		
Messina (city and Province).....	Jan. 3-May 1.....	69	14	
Palermo.....	Oct. 30-Dec. 27.....	410	124	Dec. 5, 1920-Jan. 2, 1921: Cases, 15.
Do.....	Jan. 28-May 17.....	292	39	
Trieste.....	May 8-14.....	1		
Japan:				
Kobe.....	Mar. 16-May 9.....	11	1	
Nagasaki.....	Mar. 27-May 22.....	43	6	Apr. 28: Epidemic.
Java:				
West Java—				
Bandoeng.....	Nov. 10-25.....	1	1	
Do.....	Feb. 3-Apr. 21.....	5	1	
Batavia.....	Nov. 12-Dec. 25.....	14	5	
Do.....	Jan. 27-Apr. 21.....	16	6	
Buitenzorg.....	Feb. 10-23.....	12	2	
Garoct.....	Jan. 27-Apr. 14.....	3		
Indramayo.....	Nov. 12-Dec. 29.....	1		
Krawang.....	do.....	1		
Do.....	Jan. 13-Apr. 23.....	76	9	
Lebak.....	do.....	52	16	
Pandeglang.....	Jan. 27-Apr. 21.....	29	8	

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Jugoslavia.....				Feb. 7-13, 1920: Cases, 122; deaths, 27. July 25-Aug. 28, 1920: Cases, 128; deaths, 42. Oct. 7, 1920-Jan. 1, 1921: Cases, 422. Jan. 2-Mar. 5, 1921: Cases, 714; deaths, 79.
Belgrade.....	Feb. 27-Mar. 5.....	1		
Zagreb.....	Jan. 9-Apr. 30.....	9	1	
Luxemburg.....	Dec. 15-Jan. 1.....	1		
Madagascar:				
Tananarive.....	Jan. 17-23.....		2	
Madeira:				
Funchal.....	Dec. 5-18.....		2	
Do.....	Dec. 26-Mar. 19.....		9	
Malta.....	Apr. 16-30.....	1		
Mesopotamia:				
Bagdad.....	Nov. 1-Dec. 31.....	2		
Do.....	Jan. 1-Mar. 31.....	2	2	
Mexico:				
Acapulco.....	May 22-23.....	1	1	
Chihuahua.....	Dec. 6-26.....	11	3	
Do.....	Dec. 27-May 15.....		17	
Ciudad Juarez.....	Mar. 21-27.....		1	
Guadalajara.....	Dec. 1-31.....	1		
Do.....	Jan. 1-Apr. 30.....		4	
Mexico City.....	Nov. 14-Dec. 25.....	17		Including municipalities in the Federal district.
Do.....	Jan. 2-May 14.....	433		Do.
Monterey.....	Mar. 29-Apr. 4.....		4	
Salina Cruz.....	Jan. 1-Apr. 30.....	5	3	
Saltillo.....	Apr. 17-23.....		7	
San Luis Potosi.....	Feb. 6-June 4.....		3	
Tecate.....	Jan. 17.....	3		
Torreon.....	Jan. 1-Feb. 23.....	6	3	
Vera Cruz.....	May 30-June 5.....		1	
Newfoundland:				
Avondale.....	June 4-10.....	1		On Cape Breton Island.
Bonne Bay.....	Mar. 20-Apr. 1.....	1		
Grand Falls.....	Mar. 12-18.....	1		
Lewisport.....	Apr. 2-3.....			Present.
St. Johns.....	Jan. 22-June 10.....	8		
Norway:				
Stavanger.....	Jan. 23-29.....	3		
Panama:				
Colon.....	Jan. 5-May 10.....	125		
Peru:				
Callao.....	Mar. 1-31.....	1		Sept.-Oct., 1920: Cases, 175; deaths, 37.
Poland:				
Warsaw.....	Sepr. 1-30.....	3		
Portugal:				
Lisbon.....	Nov. 29-Dec. 18.....		5	
Do.....	Dec. 25-May 14.....		29	
Oporto.....	May 3-21.....	5	1	
Portuguese East Africa:				
Chai-Chai.....	Jan. 9-Feb. 12.....			Present. One death reported.
Chinde.....	Jan. 2-9.....			Present.
Gaza district.....	Dec. 18-23.....			Do.
Inhambane district.....	Dec. 23-Mar. 23.....			Do.
Lourenco Marques.....	Oct. 24-Dec. 11.....	10		Reported present in interior of Chai-Chai district.
Do.....	Mar. 20-Apr. 30.....	6	2	
Quelimane.....	Oct. 24-Dec. 11.....	3		
Portuguese West Africa:				
Loanda.....	Mar. 19-Apr. 17.....		2	
Rumania:				
Bessarabia Province.....	Jan. 1-27.....	202		
Bucharest.....	Nov. 1-30.....	1		
Cernowitz.....	Jan. 1-31.....	5	1	
Galata.....	Dec. 1-31.....	1		
Jassy.....	Nov. 1-Dec. 31.....	7	1	
Kisseneff.....	Jan. 1-Mar. 18.....	18		District.
Russia:				
Esthonia Province.....				Dec. 1-31, 1920: Cases, 17. Jan. 1-Feb. 23, 1921: Cases, 50, not including cases in military hospitals.
Reval.....	Oct. 1-Nov. 30.....	28		
Latvia.....				
Riga.....	Nov. 1-Dec. 31.....	17		
Do.....	Feb. 1-23.....	21		
Siberia.....				
Vladivostok.....	Oct. 1-Dec. 31.....	3	1	
Do.....	Feb. 1-23.....	1		

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Senegal:				
Dakar.....	Mar. 1-Apr. 30.....			Present.
Siam:				
Bangkok.....	Feb. 13-Apr. 2.....	2		
Sierra Leone:				
Freetown.....	May 2.....			Do.
Spain:				
Barcelona.....	Nov. 18-Dec. 29.....		13	
Do.....	Jan. 13-May 11.....		38	
Corunna.....	Dec. 12-18.....		1	
Madrid.....	Nov. 1-30.....		1	Year ended Dec. 31, 1920:
Do.....	Feb. 6-13.....		1	Deaths, 9.
Malaga.....	Oct. 1-Dec. 31.....		77	
Do.....	Jan. 1-Apr. 30.....		69	
Tarragona.....	Jan. 30-Feb. 19.....		2	
Valencia.....	Dec. 5-25.....	3		
Do.....	Dec. 26-May 21.....	29	4	
Switzerland:				
Basel.....	Mar. 30-Apr. 7.....	10		
Zürich.....	May 1-21.....	11		
Syria:				
Aleppo.....	Nov. 14-Dec. 25.....			Present.
Do.....	Jan. 16-May 21.....			Do.
Beirut.....	Apr. 20-30.....	1		
Tunis:				
Tunis.....	Nov. 30-Dec. 28.....	10	18	
Do.....	Jan. 8-May 20.....	65	52	
Turkey:				
Constantinople.....	Nov. 21-Dec. 11.....	4		
Do.....	Jan. 2-May 21.....	39	2	
Union of South Africa.....	Feb. 27-Apr. 12.....			Outbreaks, Cape Province, Natal, Orange Free State, and Transvaal.
Cape Province.....	Jan. 23-Apr. 16.....			Outbreaks.
Natal.....				Feb. 13-19, 1921: Present in rural areas.
Durban district.....	Jan. 23-Feb. 5.....			Outbreak.
Orange Free State.....	Jan. 23-Apr. 16.....			Outbreaks, Feb. 12-19, 1921: Present in rural areas.
Transvaal.....				Jan. 23-Apr. 9, 1921: Outbreaks.
Johannesburg.....	Oct. 1-3.....	1		
Do.....	Jan. 23-Apr. 9.....	2		From Portuguese East Africa.
Uruguay:				
Montevideo.....	Dec. 1-31.....	6	2	
Do.....	Jan. 1-Feb. 23.....	7	1	
Venezuela:				
Puerto Cabello.....	Apr. 3-9.....		1	
On vessels:				
S. S. Alfonso XIII.....	Dec. 27.....	1		At Habana, Cuba, from ports in northern Spain.
S. S. Cadiz.....	Jan. 5.....	1		At Habana, Cuba, from Mediterranean ports.
U. S. S. Mississippi.....	Feb. 18-20.....	22		In Canal Zone.
S. S. Ohioan.....	Jan. 4.....	1		At San Pedro, Calif., from New York, via Balboa, Canal Zone.
S. S. Ventura.....	Jan. 18.....	1		At Sydney, Australia, from San Francisco, Calif., via Honolulu and Pago Pago, Samoa.
S. S.	Mar. 27-Apr. 2.....	2	1	At quarantine, St. John, New Brunswick. From Europe.

TYPHUS FEVER.

Algeria:				
Algiers.....	Jan. 1-Apr. 30.....	49	10	
Oran.....	Mar. 11-May 20.....	189	47	
Bolivia:				
La Paz.....	Dec. 1-31.....	13	9	
Do.....	Jan. 1-Mar. 31.....	214	206	
Brazil:				
Bahia.....	Mar. 27-Apr. 9.....	4	4	
Ceara.....	Oct. 17-Dec. 26.....		3	
Do.....	Jan. 2-Apr. 2.....		8	

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Bulgaria:				
Sofia.....	Jan. 2-Apr. 16.....	13	1	
Chile:				
Arica.....	Feb. 16-Mar. 25.....	12	1	Among laborers arriving from the arid region by way of Iquique, Chile, Feb. 16, 1921.
Concepcion.....	Nov. 1-Dec. 27.....		23	
Do.....	Dec. 28-Mar. 28.....		16	Present in vicinity. Year 1920, in public hospital, 89 cases, 13 deaths.
Coquimbo.....	Dec. 1-7.....		1	
Valparaiso.....	Oct. 25-Nov. 27.....		13	
Do.....	Jan. 30-Mar. 19.....		14	
China:				
Manchuria Province—				
Harbin.....	Nov. 22-28.....	1		On Chinese Eastern Railway.
Do.....	Jan. 4-May 9.....	2		
Manchuria Station.....	Nov. 22-28.....	2		Do.
Do.....	Jan. 10-16.....	1		
Chosen (Korea):				
Chemulpo.....	Feb. 1-28.....	1	1	
Seoul.....	Dec. 1-31.....	1	1	
Do.....	Jan. 1-Mar. 31.....	2		
Colombia:				
Barranquilla.....	Mar. 13-19.....		1	
Czechoslovakia:				
Prague.....	Feb. 1-21.....	2		July 11-Aug. 28, 1920: Cases, 138; deaths, 18. Reported present, Feb. 19, 1921.
Danzig.....	Dec. 20.....	1		In emigrant from Brest-Litovsk. with 2 weeks' stay at Warsaw.
Do.....	Jan. 16-Feb. 5.....	3	1	
Egypt:				
Alexandria.....	Nov. 19-Dec. 31.....	13	6	
Do.....	Jan. 1-Apr. 15.....	32	15	
Cairo.....	Oct. 1-Dec. 28.....	41	32	
Do.....	Jan. 1-stay 18.....	45	27	
Port Said.....	Feb. 19-25.....	1		
Germany.....				Sept. 12-Dec. 25, 1920: Cases, 259; including 11 in a camp. Dec. 26, 1920-Jan. 8, 1921: Cases, 7.
Great Britain:				
Belfast.....	Dec. 5-25.....	13		
Do.....	Jan. 9-Mar. 19.....	8	1	
Dublin.....	Nov. 28-Dec. 18.....	4	3	
Do.....	Jan. 9-Apr. 9.....	13	2	
Greece:				
Drama.....	Nov. 22-28.....	1		
Do.....	Feb. 28-Mar. 6.....	1		
Kavalla.....	do.....	2		
Patras.....	Nov. 29-Dec. 5.....		1	
Saloniki.....	Oct. 25-Dec. 26.....	31	9	
Do.....	Jan. 10-May 22.....	1,362	99	In civil population, Jan. 31-May 22, 1921: Cases, 28; deaths, 23. Remainder among refugees from the Caucasus and Russia. At localities in the district, Feb. 28-Mar. 13, 1921: Cases, 27; deaths, 2.
Serres.....	Nov. 8-14.....	1		
Guatemala.....				Feb. 1-Mar. 12, 1921: Present in highland departments. In vicinity of Guatemala City, Mar. 1-31, 1921: Several cases.
Guatemala City.....	Mar. 1-31.....		1	Aug. 3-Dec. 5, 1920: Cases, 38.
Hungary.....				
Budapest.....	Nov. 8-Dec. 5.....	2		
Indo-China:				
Saigon.....	Mar. 27-Apr. 8.....	1	1	
Italy:				
Naples.....	Feb. 23.....	2		Among emigrants intending to come to United States.
Trieste.....	Feb. 14.....	30		
Japan:				
Nagasaki.....	Nov. 15-Dec. 26.....	10	1	
Do.....	Dec. 27-May 22.....	53	11	
Jugoslavia.....				Feb. 7-13, 1920: Cases, 84; deaths, 2. July 25-Aug. 28, 1920: Cases, 27; deaths, 5. Oct. 7, 1920-Jan. 1, 1921: Cases, 395. Jan. 2-Mar. 5, 1921: Cases, 341; deaths, 19.
Belgrade.....	Jan. 9-Mar. 26.....	5		114 remaining cases.
Medjumurju Province.....	Jan. 2-8.....	73		51 remaining cases.
Do.....	Feb. 13-19.....	42		

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.	
Jugoslavia—Continued.					
Zagreb.....	Dec. 12-25.....	27			
Do.....	Dec. 26—Feb. 21.....	41	6	City and county.	
Malta.....	Dec. 1-31.....	1			
Mesopotamia:					
Bagdad.....	Nov. 1-30.....	1	1		
Do.....	Feb. 1-23.....	1	1		
Mexico:					
Guadalajara.....	Dec. 1-31.....	11			
Do.....	Jan. 1—Mar. 31.....	11	5		
Mexico City.....	Nov. 14—Dec. 25.....	67		Including municipalities in the Federal district.	
Do.....	Dec. 26—May 14.....	293		Do.	
San Luis Potosi.....	Dec. 5-31.....			Present.	
Do.....	Jan. 16—June 11.....			Present. Five deaths reported.	
Morocco:					
Casa Blanca.....	June 10.....	59	3		
Netherlands:					
Rotterdam.....	Jan. 23-29.....	1			
Poland.					
District—					
Galicia.....	Nov. 1-30.....	1,192	286	Sept.—Oct., 1920: Cases, 3,845; deaths, 371. Nov. 1-30, 1920: Cases, 3,059; deaths, 350. Dec. 1-31, 1920; Cases, 4,644; deaths, 550. Jan. 1-31, 1921: Cases, 5,308; deaths, 597. Year 1920: Cases, 161,846.	
Kielce.....	do.....	279	15		
Lodz.....	do.....	83	6		
Lublin.....	do.....	403	20		
Posen.....	do.....	17			
Silesia.....	do.....	6			
Warsaw.....	do.....	191	15		
Warsaw city.....	Nov. 1—Dec. 16.....	96	8		
District—					
Bialystok.....	Jan. 1-31.....	321	33		
Galicia.....	do.....	3,427	457		
Kielce.....	do.....	426	42		
Lodz.....	do.....	200	14		
Lublin.....	do.....	383	18		
Posen.....	do.....	13			
Silesia.....	do.....	1			
Warsaw.....	do.....	340	16		
Warsaw city.....	do.....	197	17		
Portugal:					
Oporto.....	Nov. 23—Dec. 4.....	1			
Do.....	Dec. 26—Apr. 18.....	6	3		
Rumania:					
Cities and districts—					
Bucharest.....	Nov. 1—Dec. 31.....	9	1		
Do.....	Jan. 1-31.....	7			
Cahul district.....	Feb. 1-23.....	13			
Constanza.....	Dec. 1-31.....	9			
Kisseneff district.....	Mar. 1-31.....	78			
Provinces—					
Bezsarabia.....				Nov. 30, 1920: Cases, 101.	
Do.....	Jan. 1—Feb. 27.....	426			
Bukowina.....				Jan. 29, 1921: Cases, 103.	
Transylvania.....	Dec. 1-31.....	81		Including Banat.	
Do.....	Jan. 1—Feb. 14.....	41		In the old Kingdom of Rumania on Dec. 31, 1920, 119 cases reported present.	
Russia:					
Province—					
Esthonia.....				Sept. 1—Dec. 31, 1920: Cases, 455;	
Latvia.....				Jan. 1—Mar. 31, 1921: Cases, 369.	
Riga.....	Nov. 1—Dec. 31.....	185			
Do.....	Jan. 1—Mar. 31.....	779			
Lithuania.....				Feb. 19, 1921: Cases, 175; mortality, 5 to 6 per cent.	
Ruthenia.....				Feb. 19, 1921: Occurrence of about 5 fatal cases daily. Mar. 5, 1921, 200 fatal cases previously unreported.	
Siberia—					
Vladivostok.....	Jan. 1—Feb. 23.....		9	Dec. 1-31, 1920: Cases, 11; deaths, 6.	
Ukraine.....				Feb. 19, 1921: Occurrence of about 5 fatal cases daily.	
Syria:					
Beirut.....	Apr. 10—May 10.....	3			
Tunis:					
Tunis.....	Apr. 17—May 13.....	3	2		

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

Reports Received from Jan. 1 to July 1, 1921—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Turkey:				
Constantinople.....	Nov. 21-Dec. 25.....	25	1	
Do.....	Jan. 2-May 7.....	61	3	
Union of South Africa:				
Do.....	Feb. 27-Mar. 12.....			September - November, 1920: Cases, 5,144; deaths, 915. (Of these, 30 cases, 3 deaths were among whites; remainder among natives and colored. Outbreaks reported in Cape Province and Transvaal. Feb. 13-19, 1921: Outbreaks reported. Mar. 12-Apr. 16: Outbreaks.
Cape Province:				
Cape Town.....	Dec. 20-26.....	16	5	
East London.....	Jan. 23-Apr. 23.....	7	3	
Port Elizabeth.....	Jan. 20-Feb. 5.....	1		
Natal.....	Feb. 13-19.....			Outbreak.
Orange Free State.....	Jan. 23-Feb. 5.....			Outbreaks.
Transvaal.....				Mar. 27-Apr. 9, 1921: Outbreaks.
Johannesburg.....	Jan. 23-Feb. 5.....	1		District.
On vessels:				
S. S. Presidente Wilson.....	Feb. 1-6.....	15		At New York. From Trieste, Italy, Jan. 15; Naples, Jan. 18; and Algiers, Jan. 22, 1921.
S. S. San Giusto.....	Feb. 10-Mar. 3.....	22		At New York. From Trieste, Jan. 23, and Naples, Jan. 26, 1921.

YELLOW FEVER.

Brazil:				
Bahia.....	Apr. 10-16.....	1	1	
Pernambuco.....	Nov. 14-21.....	1	1	
Mexico:				
Orizaba.....	Dec. 5-18.....	2	1	
Papantla.....	do.....	8	2	
Do.....	Jan. 9-15.....		1	
Tampico.....	Dec. 12-18.....	1	1	
Tuxpam.....	Dec. 5-18.....	9	4	
Do.....	Dec. 26-Jan. 1.....	5	1	May 18, 1921: One case, stated to have come from point 40 miles distant.
Vera Cruz.....	Dec. 5-26.....	8	3	Also called Gutierrez, State of Vera Cruz.
Do.....	Dec. 26-Mar. 29.....	6	1	
Zamora.....	Dec. 12-18.....	1	1	
Peru:				
Department—				
Lambayeque.....				Outbreak reported Jan. 22, 1921.
Chiclayo.....	Feb. 1-28.....	18	6	
Eten.....	do.....	7	2	
Ferrenafe.....	Jan. 1-31.....	18	17	
Do.....	Feb. 1-28.....	41	19	
Lambayeque.....	Jan. 1-30.....	2	1	
Do.....	Feb. 1-28.....	4		
Monsefu.....	Feb. 15-23.....	2		
Libertad—				
Trujillo.....	Apr. 28.....			Present.
Piura.....				June-December, 1919: Cases, 173; deaths, 41. January-August, 1920: Cases, 455; deaths, 111. First period occurrence in 6 localities; second period, in 12 localities.
On vessel:				
S. S. Savoja.....	Jan. 11-15.....	4		At Habana, Cuba, from Vera Cruz, Mexico. Vessel arrived Habana, Jan. 10, 1921, with three cases sickness on board. Two cases confirmed. Two cases developed later on board; confirmed Jan. 15. Savoja left Vera Cruz Jan. 6, 1921.