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## RELATIVE EFFICIENCY OF METHODS OF STERILIZATION<sup>1</sup> OF MILK BOTTLES AT PASTEURIZATION PLANTS IN MINNESOTA.

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The Minnesota State Board of Health, in 1917, passed rules and regulations outlining the requirements which Pasteurization plants must meet in order to label, sell, or advertise their product as "Pasteurized milk." One of the requirements provides that facilities must be available for the effective sterilization of the milk bottles. The routine investigations undertaken by the division of sanitation at Pasteurization plants include field observations and bacteriological examinations to determine whether the equipment and methods of Pasteurization comply with the regulations of the board. During each routine investigation several empty bottles are collected just prior to the time they are to be refilled with milk, and an examination is made to determine their bacterial content.

A survey of Pasteurization plants made prior to the passage of the regulations showed that many plants, especially in the smaller cities, had no effective method of sterilizing bottles. Table 1 shows the bacterial content of bottles collected at five plants where no apparatus was provided for their sterilization. The bottles at these plants were first submerged in a sodium carbonate solution, then placed on a revolving brush and afterwards rinsed in warm water in the second compartment of the tank.

TABLE 1.—*No sterilization attempted.*

Number of plants.....	5
Number of examinations.....	68
Maximum bacterial content.....	8, 400, 000
Minimum bacterial content.....	59, 000
Average bacterial content.....	542, 300
Per cent below 1,000.....	0

The high bacterial content of the bottles examined indicates that there is considerable danger, from a health point of view, in placing milk in bottles which have not been effectively sterilized.

<sup>1</sup> The word "sterilization" as it appears in this article is used in the popular sense.

The two agents used for sterilizing milk bottles at the plants investigated during the course of this study were steam and chlorine solutions. The following methods for the application of steam were in use: (a) Oven; (b) single perforated plate with manually-operated valve; and (c) power-driven washer and sterilizer with series of perforated plates for hot water and steam. The methods in use for the application of chlorine were as follows: (a) Hand submerging of bottles in tank containing chlorine solution; (b) machine submerging of bottles in tank containing a chlorine solution (the apparatus may be either hand operated or power driven); and (c) power-driven washer and sterilizer with chlorine solution added continuously to the rinse water and sprayed into the bottles through a series of perforated plates.

The chlorine solutions used at these plants were made from calcium hypochlorite (chlorinated lime) or some commercial preparation containing a hypochlorite compound. In most cases where the operators prepared their own calcium hypochlorite solutions, it was made according to instructions given by the division of sanitation of the State Board of Health.<sup>1</sup> These instructions include methods for the preparation and use of the solution. In all cases where chlorine solutions were in use, a residual chlorine was present in the rinse water. In order to provide a margin of safety, it is recommended<sup>1</sup> that the rinse water contain not less than 35 parts per million of available chlorine. The rinse water should be tested from time to time to insure that a sufficient quantity of the chemical is present to accomplish effective sterilization. The well-known orthotolodine test<sup>2</sup> provides a simple means by which an operator can determine the presence of free chlorine in the rinse water.

The results of the various methods of sterilization as accomplished at the plants with their usual methods of operating are shown in the tabulations which follow. These examinations were made on samples collected immediately after the sterilization process so that the tests of the various methods would not be influenced by any subsequent contamination of the bottles. As soon as a bottle was collected, the interior was rinsed with 20 c. c. of sterile water and the bacterial content was determined by the plate method as prescribed by the standard methods for the bacteriological examination of milk recommended by the American Public Health Association. The results included in these tables do not represent the maximum efficiency that might be obtained by the various methods described, but represent the efficiency of the sterilization with the methods of operation as actually carried out at the plants at the time of the investigation.

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<sup>1</sup> Bulletin, Minnesota State Board of Health, Division of Sanitation, March, 1921, entitled "An Apparatus for Sterilizing Milk Bottles at Small Milk Plants and Dairies."

<sup>2</sup> Standard Methods for the Examination of Water and Sewage. Laboratory Section, American Public Health Association, 1921, pp. 44-45.

TABLE 2.—*Sterilization of bottles with steam oven.*

Number of plants.....	3
Number of examinations.....	18
Maximum bacterial content.....	17, 000
Minimum bacterial content.....	40
Average bacterial content.....	2, 000
Per cent under 1,000.....	52

This method of sterilization was in use at only three of the smaller plants. It is not considered practicable where a large number of bottles are to be sterilized, owing to the size of the oven that would be required. If proper sterilization is to be accomplished, the oven must be raised to a sufficiently high temperature for the required time. The bacterial content of the bottles collected at the three plants would indicate that the employees did not operate the oven in a satisfactory manner. Steam ovens are used at the certified dairies in Minnesota for sterilizing all utensils and bottles. Recording thermometers are provided on the ovens, and the operators are instructed that the charts should show a temperature of at least 210° F. for one hour. The bacteriological examination of the bottles at the certified dairies has shown that steam oven sterilization under these methods of operation is effective.

TABLE 3.—*Sterilization of bottles with steam sprayed through a single perforated plate—Steam inlet valve manually operated.*

Number of plants.....	13
Number of examinations.....	59
Maximum bacterial content.....	4, 000, 000
Minimum bacterial content.....	20
Average bacterial content.....	347, 000
Per cent under 1,000.....	27. 11

This method of sterilization, as carried out in routine practice at milk plants, has not been found satisfactory. The steam inlet valve is often not opened wide enough to permit sufficient steam to enter the bottles so as to insure effective sterilization, or the bottles are not inverted over the steam plate for the necessary length of time, or the bottle case is so centered that the steam spray does not enter each bottle. The bottles are removed by hand from the rinse tank before being inverted over the spray. The water in this tank can not be of a higher temperature than the operator can comfortably bear and is usually not sufficiently hot to temper the bottles so that they will withstand rapid heating with steam to a temperature which will insure proper sterilization.

TABLE 4.—*Sterilization of bottles with a power-driven washer and sterilizer—Hot water and steam sprayed into bottles through a series of perforated plates.*

Number of plants.....	13
Number of examinations.....	141
Maximum bacterial content.....	150, 000
Minimum bacterial content.....	0
Average bacterial content.....	5, 425
Per cent under 1,000.....	75. 89
Per cent under 100.....	43. 97

A number of factors influence the results of sterilization with an apparatus of this type when steam is used as the sterilizing agent. This is indicated by the variation between the maximum and minimum number of bacteria per bottle as compared with the average number present in the 141 bottles examined. In order that effective sterilization of every bottle may be accomplished with this method, precautions must be taken to determine (1) that every case centers properly over the perforated plates, (2) that none of the openings in the plates become clogged, and especially in the plate through which the live steam is sprayed, and (3) that a sufficient amount of steam is permitted to spray into the bottles for the necessary length of time. It has been observed that, especially during the warm weather, the employees often operate the machine with the valve which admits steam to the last plate nearly closed.

TABLE 5.—*Sterilization of bottles by hand submerging in chlorine solution in rinse tank.*

Number of plants.....	10
Number of examinations.....	38
Maximum bacterial content.....	154, 000
Minimum bacterial content.....	0
Average bacterial content.....	6, 200
Per cent under 1,000.....	68. 42

If this method of sterilization is to be effective, precautions must be taken to determine (1) that a sufficient quantity of the chlorine solution is placed in the water in the rinse tank, and (2) that every bottle is submerged in such a manner that it is completely exposed to the solution.

It was found at the plants where this method was in use that the operators did not take sufficient precautions to expose every bottle completely to the solution. Many of the bottles, when dropped indiscriminately into the tanks, trap air, which prevents their being filled with the solution. There is also a temptation on the part of the operator to place too many bottles in the tank before beginning to remove them, and as a result some of the bottles remain on the surface and are not exposed to the solution. The owners of the plants where this method of sterilization was in use have been advised that if they wish to continue the use of chlorine solutions an apparatus must be provided that will insure the complete exposure of every bottle to the solution.

TABLE 6.—*Sterilization of bottles by machine submerging in chlorine solution in rinse tank (hand-operated apparatus).*

Number of plants.....	12
Number of examinations.....	246
Maximum bacterial content.....	2, 500
Minimum bacterial content.....	0
Average bacterial content.....	247
Per cent under 1,000.....	97. 8

With this method of sterilization, the operator has only to add a sufficient quantity of the chlorine solution to the water in the rinse tank to accomplish effective sterilization. A hand-operated apparatus for submerging the bottles, which is in use at several of the smaller milk plants in Minnesota, is described in a bulletin of the division of sanitation, Minnesota State Board of Health.<sup>1</sup> The table shows that consistently low bacterial counts were obtained at the twelve plants where the chlorine treatment was applied by means of this apparatus.

TABLE 7.—*Sterilization of bottles with a power-driven washer and sterilizer, the chlorine solution being added continuously to the rinse water and sprayed into the bottles through two or more perforated plates.*

Number of plants.....	3
Number of examinations.....	103
Maximum bacterial content.....	600
Minimum bacterial content.....	0
Average bacterial content.....	56
Per cent under 1,000.....	100. 00
Per cent under 100.....	91. 26

With this method of sterilization, precautions must be taken to determine (1) that a sufficient quantity of chlorine compound is added to the rinse water, (2) that every case centers properly over the perforated plates, and (3) that none of the openings in the perforated plates become clogged. The clogging of a single opening in a plate with this method of sterilization by which the chlorine is sprayed into the bottles through two or more plates is not of such serious consequence as in the case of steam treatment through a single plate. The bottles leaving the apparatus under this method of sterilization are not hot as in the case of steam treatment and can be refilled directly as they are taken from the machine.

A simple apparatus for preparing and administering the chlorine solution to the bottle washer consists of a 50-gallon barrel equipped with a mixing device in which the calcium hypochlorite (chlorinated lime) is mixed with water, and a  $\frac{3}{4}$ -inch gate-valve used as an outlet, a control box provided with a float valve for maintaining a constant level of the solution in the box, and an orifice valve for delivering a definite quantity of solution from the control box to the pipe carrying the solution to the bottle-washing machine. A definite quantity of calcium hypochlorite is placed in the mixing barrel and the water added. The chemical is mixed thoroughly with the water and allowed to stand until the undissolved portion has settled to the bottom. The clear solution is discharged through the outlet valve located about 4 inches from the bottom of the barrel. The solution enters the control box through the float valve, which will only admit the

<sup>1</sup> An Apparatus for Sterilizing Milk Bottles at Small Milk Plants and Dairies. March, 1921.

solution as fast as it leaves the box through the orifice valve. The chlorine solution leaving the orifice valve is added continuously to the water from the last rinse tank on the suction side of the pump which forces it through the perforated plates into the bottles.

A detail description of a similar apparatus for administering chlorine solutions is given in Public Health Reports, volume 30, No 9 February 26, 1915.

TABLE 8.—*Sterlization of bottles with a power-driven washer and sterilizer, comparing the use of steam with a chlorine solution.*

	Steam.	Chlorine.
Number of examinations.....	28	28
Maximum bacterial count.....	4, 400	70
Minimum bacterial count.....	15	0
Average bacterial count.....	525	25
Per cent under 1,000.....	88. 88	100
Per cent under 100.....	72. 22	100

In this experiment, two plants were selected, having a power-driven washer and sterilizer of the spray type made by the same company. The plant operators were notified that bottles were to be collected for bacteriological examination at 10-minute intervals throughout an entire run, and they were requested to operate the machines at their maximum efficiency during the experiment. The results contained in Table 8 show that the average content of the bottles from both machines was considerably under 1,000. The bottles from the machine using the chlorine spray showed a much lower average bacterial content than those from the machine using steam.

TABLE 9.—*Summary of results on the bacterial content of milk bottles examined at Pasteurization plants.*

Method of sterilization.	Per cent of bottles under 1,000.	Average bacterial content.
Machine submerging in chlorine solution contained in rinse tank.....	97. 8	247
Power-driven washer and sterilizer with chlorine solution added to the rinse water and sprayed into the bottles through two or more perforated plates.....	91. 26	56
Hand submerging in chlorine solution contained in rinse tank.....	68. 42	6, 200
Steam oven.....	52. 00	2, 000
Power-driven washer and sterilizer with hot water and steam sprayed into bottles through a series of perforated plates.....	43. 97	5, 425
Single perforated plate for steam spray with steam inlet valve manually operated.....	27. 11	347, 000
None attempted.....	0	542, 000

The above data show that sterilization of milk bottles is necessary in the routine operation of Pasteurization plants, and that chlorine solutions are more dependable than steam as a sterilizing agent with the apparatus used and the methods of sterilization applied at the plants where these studies were undertaken.

## SUMMARY.

The information on the sterilization of milk bottles with the methods described was obtained as a part of the data collected during routine investigations of Pasteurization plants throughout the State. The bacterial content of the bottles indicates the results obtained at each plant under the routine method of treatment carried out by the operator on the date of the investigation.

The high bacterial content of the bottles at the plants where no provisions were made for their sterilization shows the need of proper sterilizing facilities for the bottles.

A study of the results obtained on the sterilization of bottles with apparatus using steam as compared with chlorine solutions indicates that chlorine is more dependable as applied in routine practice at the plants investigated. This is especially evident at the smaller Pasteurization plants where manually operated apparatus is used. Steam, when properly applied with the automatic machines, gave satisfactory results, but it was observed that in many instances the operators neglected to carry out certain details that are necessary in order to accomplish effective sterilization. This tendency was even more apparent at the smaller plants where steam was used in manually operated machines.

Chlorine solutions for sterilizing milk bottles have been in use for some time in a number of plants in Minnesota, and no cases have been reported of objections having been made to odors or flavors being imparted to the milk, or of any misuse of the chemical. The preparation of the chlorine solution is simple, and the chemical is inexpensive. It places at the disposal of the plant operator a sterilizing agent which is always available for immediate use. This is not true of steam, especially at the small milk plants.

The data further indicate that the mere presence of sterilizing apparatus at a plant is not sufficient evidence that bottles are properly treated. It is important in the supervision work on pasteurization plants to make detail observations, including analytical examinations, in order to determine that the apparatus for sterilizing milk bottles is properly operated.

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### THE IMMIGRANTS' HOSTEL AT EASTLEIGH, ENGLAND.

The following account of the Atlantic Park Hostel, an "immigrant's hotel" at Eastleigh, England, is taken from a report of the American consul at Southampton, who recently made a personal inspection of the hostel.

The hostel is located  $7\frac{1}{2}$  miles from London and 4 miles from the Southampton docks. It is owned and operated by the Atlantic Park Hostel Co. (Ltd.), the stockholders of which are a large railway

company and two steamship companies; and while it is primarily intended for the passengers of the shareholding companies, steamship companies not shareholders are permitted to house passengers in the hostel, when accommodations are available, at slightly higher rates than those charged for passengers of the owning companies.

Only continental passengers, known as transmigrants, are housed at the hostel. These people arrive from the continent, usually at Harwich, Hull, Grimsby, or London, whence they are brought to the park by train.

On arrival at Eastleigh, usually in the late afternoon or evening, the immigrants are met by representatives of the company, including one or more interpreters, and are taken to the assembly room where their tickets and passports are checked. They then go to the adjoining dining room where they receive a hot meal, after which they are segregated by sexes and given accommodations for the night in separate dormitories. They are kept apart from persons already residents at the park. The following morning they are examined by the medical officer, and, if found clean and free from disease, are assigned to permanent quarters. Those found in need of medical or sanitary treatment are kept segregated until the necessity no longer exists.

Passengers suffering from a contagious disease are transferred to hospitals in Southampton without additional expense. A special building at the park is provided for isolation of contacts. The measures employed have proved successful in preventing outbreaks of communicable diseases.

#### EQUIPMENT.

The grounds occupy 32 acres, almost one-half of which is covered by the buildings. The main buildings are built of brick and were originally used as hangars by the United States Navy, while the smaller buildings, built of wood, were formerly used as barracks.

There are some 40 buildings, consisting of dormitories, dining rooms, dispensary, disinfection and bathing plant, temporary hospital, isolation plant, administrative and staff quarters, etc. All buildings are steam heated and are lighted by electricity. Although most of the buildings are fireproof, adequate fire protection is provided.

The drainage and sanitation have been approved by the sanitary authorities of the Borough of Southampton, who make frequent inspections. Receptacles are provided for depositing rubbish, and all garbage is destroyed by means of an incinerator on the premises.

Ample bathing facilities are provided, both for sitz and shower baths, and separate departments are maintained for male and female passengers. Individual dressing cubicles are provided, as well as individual soap, towels, dressing gowns, wooden clogs, and rubber caps for females.





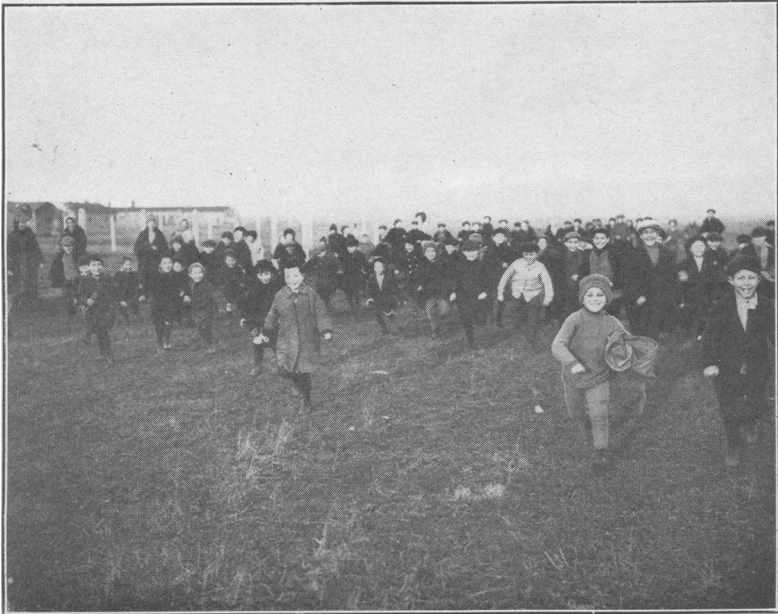
Typical exterior of the principal buildings at the Atlantic Park Hostel.



One of the men's dormitories.



Interior of dining room, with passengers at meal.



Boys playing on athletic field.

Bathing is not compulsory, except under the orders of the physician in charge. The bathing facilities are available at all reasonable hours.

For washing clothes, stationary washtubs are provided; also a drying room.

Pure drinking water is obtainable in the public rooms and on the grounds from drinking fountains.

Two disinfectors have been installed to treat clothing, and a larger one to deal with baggage.

#### SLEEPING ACCOMMODATIONS.

Second-class passengers are usually provided with private rooms, and families are not separated. When possible, the better class of the third-class passengers are also so provided, but the bulk of the immigrants sleep in the large dormitories, the males and females occupying separate dormitories. Ample clean bedding is supplied, and the linen is changed weekly. In practice, when conditions permit, passengers of the same nationality are housed together.

#### FOOD.

There are two kitchens and two dining rooms—one for the Jewish passengers and the other for those of other faiths. The kitchens are provided with the latest modern electrical and other appliances. The dining halls are provided with long dining tables, separate tables being maintained for the different classes of immigrants. The tables are covered with white tablecloths.

The food is served by waitresses, and there is no limit to the quantity that may be consumed. The weekly menus, varied from day to day, indicate that substantial, well-balanced rations are provided. The menus at present in force almost exclusively represent the wishes expressed by the passengers themselves, and they are frequently changed at the request of the passengers when the suggestions are within reason.

In addition to the ordinary menu, passengers have the liberty, at certain hours, of cooking any special dishes, the ingredients of which they furnish, and for cooking which a special kitchen is provided. Breakfast is served at 8.30 a. m., the noon meal at 1 p. m., and the evening meal at 5.30 p. m., except on Fridays and religious holidays, when it is served to Hebrew passengers as custom requires.

Fresh milk is supplied in generous quantities.

#### SPIRITUAL WELFARE, RECREATION, AND STUDY.

Provision is made for the spiritual welfare of the immigrants.

As for recreation and study, the grounds contain several football fields, and one of the large dormitory buildings contains three badminton (a game similar to tennis) courts and one tennis court. A

large entertainment hall is provided, and is equipped with a stage and a piano. Frequent entertainments are given, in which the parts are taken by the passengers. In addition to the theater, there is a separate music room with a piano and phonograph. Occasional lectures are given.

Several members of the staff, the resident rabbi, and occasional volunteers engage in teaching English, especially to the passengers who are detained for long periods. Facilities for study are provided, of which the immigrants eagerly avail themselves. A small library has been installed, and a number of American, English, and other newspapers are on hand.

#### MAIL.

Mail for passengers is delivered without examination, and in case of bills, money orders, or drafts inclosed, no deductions are made for indebtedness to the management. For this reason, the management has suggested that payments sent by friends or relatives should be sent direct to the steamship company involved, as numerous cases have occurred in which remittances sent direct to the passenger to cover indebtedness have been squandered.

#### CHARGES.

The following are the present rates for passengers of the shareholding steamship companies using the park, and they include board, lodging, medical attendance, and medicines:

Second-class passengers.....	10 shillings per day.
Third-class passengers.....	6 shillings per day.

For passengers likely to be detained at the hostel for periods of over 14 days, the following special rates are made:

Second-class passengers.....	\$35 per month.
Third-class passengers.....	25 per month.

Steamship companies not shareholders in the Atlantic Park Hostel Co. are permitted to house passengers in the park, when accommodations are available, at the following rates:

Second-class passengers.....	12 shillings per day.
Third-class passengers.....	7 shillings 6 pence per day.

The long-time rates for such passengers are:

Second-class passengers.....	6 shillings per day.
Third-class passengers.....	4 shillings per day.

In all cases half prices are charged for children from 1 to 10 years of age, and no charge is made for infants under 1 year of age,

The above rates include everything, except clothing, that is necessary for the comfort and welfare of passengers.

## **JAPANESE GOVERNMENT ADHERES TO INTERNATIONAL AGREEMENT CREATING INTERNATIONAL BUREAU OF PUBLIC HYGIENE.**

The Secretary of the Treasury is in receipt of a communication from the Department of State inclosing a translation of a communication dated April 3, 1924, received from the Royal Italian Embassy, regarding the adherence of the Japanese Government to the International Agreement signed in Rome on December 9, 1907, for the creation in Paris of the International Bureau of Public Hygiene. The note from the Italian Ambassador reads in part as follows:

"Referring to previous communications of the same nature, I have the honor to inform Your Excellency that by a note verbale of the 7th of March, 1924, the Embassy of Japan at Rome gave to the Italian Government notice of the adhesion of the Japanese Government to the international agreement signed in Rome on December 9, 1907, for the creation in Paris of an International Office of Public Hygiene.

"In accordance with Article 6 of the said agreement my Government informs through me Your Excellency of this adhesion and adds that Japan has asked to be placed in the first category of adhering States."

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## **TENTH ANNIVERSARY MEETING OF THE CONFERENCE BOARD OF PHYSICIANS IN INDUSTRY.**

A meeting to celebrate the tenth anniversary of the organization of the Conference Board of Physicians in Industry was held in New York City April 4 and 5, 1924. This Conference Board was organized in April, 1914, for the purpose of cooperating effort in introducing into industrial establishments the most effective measures for the treatment of injuries or ailments of industrial employees, for promoting sanitary conditions in workshops, and for the prevention of industrial diseases. It has held 41 meetings since it was organized.

The sentiment in practically all the discussions was that medical work in industry is a necessity and is demanded by the existing social order; that only practitioners with high ideals of service and an adequate grasp of the problems to be solved could hope to be successful in this work; that it must be conducted on a high ethical plane and with strict regard to the scientific consideration of the work; and that, when properly conducted, it is a potent factor in advancing the cause of preventive medicine both in personal and community health.

This organization feels that medical work in industry does not antagonize the private practitioner nor supplant his work, except in those cases where the services offered by private practitioners are not adequate to meet the needs of industry. On the contrary, the work of the capable private practitioner has been increased by

the work of the physician in industry who, by educational methods, has aroused in the minds of the workers an added interest in health matters. A spirit of intelligent interest and cooperation is thereby engendered which is beneficial to all parties concerned.

The recent meeting was well attended, more than 100 physicians connected with industrial establishments and a large number of industrial executives from all sections of the country east of the Mississippi River being present. The following were among the subjects discussed by the industrial physicians:

- Traumatic surgery—Its development and relation to industry.
- Functions of the physician in industry.
- Industrial medicine and medical education.
- Inspection in physical diagnosis.

On April 5 the physicians in attendance at the meeting were guests of the Post Graduate Medical School and Hospital, New York City, at a series of clinics arranged particularly to meet their needs.

## THE NOTIFIABLE DISEASES.

### PREVALENCE DURING 1922 IN CITIES OF 10,000 TO 100,000 POPULATION.

The tables shown on the following pages were compiled from data furnished by the health officers of cities. Requests for information were sent to all cities of the United States having 10,000 population or more. The data for cities having more than 100,000 population were published in the PUBLIC HEALTH REPORTS, volume 38, No. 32, August 10, 1923.

The following is a list of the diseases included:

Anthrax	Poliomyelitis (infantile paralysis)
Cerebrospinal meningitis	Rabies in animals
Chicken pox	Rabies in man
Dengue	Rocky Mountain spotted fever
Diphtheria	Scarlet fever
Influenza	Septic sore throat
Malaria	Smallpox
Measles	Tuberculosis (all forms and pulmonary)
Mumps	Typhoid fever
Pellagra	Typhus fever
Pneumonia (all forms)	Whooping cough

The present article contains reports from cities having between 10,000 and 100,000 population. It is believed that practically all of these cities are included which have records of morbidity from communicable diseases which are of value for statistical purposes.

Medians<sup>1</sup> of the total number of cases reported annually during the years 1914 to 1921 are given for cerebrospinal meningitis, diph-

<sup>1</sup> The median has been defined as the magnitude of the middle item in an array. If the numbers of cases reported are arranged so that the greatest number reported in any one year is first, the second greatest number is second, and so on, then the number of cases in the center of the array is the median. The following illustration shows the method followed when data for five years are available: In a city reporting 60 cases in 1915, 79 cases in 1916, 71 cases in 1917, 58 cases in 1918, and 53 cases in 1919, the median is 60 cases.

theria, measles, poliomyelitis (infantile paralysis), scarlet fever, smallpox, and typhoid fever. The column headed "Number of years" shows the number of years for which data were available. For pellagra, data were available only for the years 1915 to 1921, inclusive.

For all diseases except anthrax, rabies, Rocky Mountain spotted fever, and typhus fever there is given either the fatality rate per 100 cases or the number of cases reported for each death registered.

In comparing the figures for 1922 with the medians for preceding years, it should be borne in mind that there has been a gradual improvement in the reporting of communicable diseases during the last few years. An increase in the number of cases reported may be due to better reporting of the particular disease rather than to an increase in the number of cases existing.

In studying these tables it should be kept in mind that a relatively large number of reported cases of a communicable disease as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths, as indicated by a low fatality rate) usually means that the health department of that city is active and that the cases of the disease are being well reported by the practicing physicians. It does not usually mean that the disease is more prevalent in that city than in other cities. A high fatality rate may mean that the disease was unusually virulent in a city, that the physicians did not treat the disease in that city with the success usual elsewhere, or that the practicing physicians did not report all of their cases to the health department. On the other hand, an unusually low fatality rate may be due to the fact that the disease in the city was unusually mild, that the physicians treated it with unusual success, that the practicing physicians reported their cases satisfactorily, or that the registration of deaths was incomplete or the assignment of the causes of death inaccurate.

Cities which did not report either cases or deaths of a certain disease in 1922 are not included in the table for that disease.

#### Reported Prevalence for the Year 1922—Medians for Previous Years.

##### ANTHRAX.

City.	Cases reported, 1922.	Deaths registered, 1922.	City.	Cases reported, 1922.	Deaths registered, 1922.
California:			New Jersey:		
Stockton.....	2		Hoboken.....	1	1
Connecticut:			West Hoboken.....	1	
Meriden.....	1		New York:		
Illinois:			Amsterdam.....	1	1
Alton.....	1	1	Corning.....	1	1
Indiana:			Gloversville.....	3	
Jeffersonville.....	3	0	Johnstown.....	2	1
Massachusetts:			West Virginia:		
Peabody.....	2	0	Wheeling.....	1	1
Montana:					
Great Falls.....	1	0			

Reported Prevalence for the Year 1922.—Medians for Previous Years—Continued.

CEREBROSPINAL MENINGITIS.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Mobile.....	62,978	7	1			1	0.02	
Montgomery.....	44,834	4	5	1	0.02			
Arizona:								
Phoenix.....	32,514	1	4			1	.03	
Tucson.....	23,175	2	0			2	.09	
Arkansas:								
Fort Smith.....	30,131	1	0			1	.03	
North Little Rock.....	14,796	2	6			2	.14	
California:								
Alameda.....	30,201	6	0	3	.10	0		
Bakersfield.....	20,160	6	1	2	.10	1	.05	50.0
Fresno.....	53,207	4	2			2	.04	
Glendale.....	16,950					3	.18	
Long Beach.....	65,322	5	2			6	.09	
Pasadena.....	51,766	4	2	3	.06	0		
Pomona.....	14,553	3	0			2	.14	
Richmond.....	19,428	2	0			1	.05	
Riverside.....	20,404	1	1			3	.15	
San Bernardino.....	20,251	4	2			5	.25	
San Diego.....	83,528	6	5	5	.06	3	.04	60.0
San Jose.....	41,260	3	1			2	.05	
Santa Ana.....	17,300	1	0			3	.17	
Santa Cruz.....	10,917	4	1			2	.18	
Colorado:								
Boulder.....	11,384	2	2			2	.18	
Greeley.....	11,673					1	.09	
Connecticut:								
Fairfield.....	12,851	1	0			3	.23	
Meriden.....	35,458	3	1	2	.06			
Milford.....	11,693	2	0			1	.09	
New Britain.....	63,281	4	8	6	.09	3	.05	50.0
New London.....	27,240	5	2			2	.07	
Norwich.....	22,674	3	1			2	.09	
Stratford.....	14,055	1	1			1	.07	
Waterbury.....	96,498	6	9	8	.08	6	.06	75.0
Florida:								
Key West.....	18,749					3	.16	
Miami.....	35,776	1	4	2	.06	1	.03	50.0
Georgia:								
Athens.....	17,220					1	.06	
Augusta.....	53,774	3	1	1	.02	3	.22	
Rome.....	13,548	3	0					
Savannah.....	87,678	3	3	3	.03	1	.01	33.3
Illinois:								
Aurora.....	37,950			1	.03	0		
Blue Island.....	12,178	1	2			1	.08	
Centralia.....	13,214	4	0	1	.06			
Chicago Heights.....	20,773	3	4	2	.10	0		
Cicero.....	52,833	4	0			2	.04	
Galesburg.....	24,282	3	0			2	.08	
Granite City.....	15,852	4	1	1	.06			
Herrin.....	12,048					1	.03	
Mattoon.....	14,091			1	.07			
Moline.....	32,177	4	1			3	.09	
Oak Park.....	45,114	2	0			4	.09	
Ottawa.....	11,146	1	0	1	.09	0		
Peoria.....	78,731	5	4			1	.01	
Quincy.....	37,478	6	1			1	.03	
Springfield.....	61,076	5	2			1	.02	
Urbana.....	10,745	1	0			2	.19	
Waukegan.....	20,039	1	8			1	.05	
Indiana:								
Anderson.....	31,625	6	3			4	.13	
East Chicago.....	40,336	5	1			6	.15	
Fort Wayne.....	91,549	5	3	2	.02	0		
Frankfort.....	12,250	4	0			1	.08	
Gary.....	65,146	3	1	2	.03			
Huntington.....	14,870	2	0			3	.20	
Jeffersonville.....	10,088					1	.10	
Laporte.....	16,241	1	1			5	.31	
Marion.....	24,895	2	3	1	.04	0		
Mishawaka.....	15,865	1	3			1	.06	
Muncie.....	39,236	3	2			1	.03	
Newcastle.....	15,593	2	0			6	.38	
South Bend.....	75,093	4	1	1	.01			

Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## CEREBROSPINAL MENINGITIS—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>Iowa:</b>								
Boone	12,991	2	2			1	0.08	
Burlington	124,057	4	1			3	.12	
Clinton	124,151					7	.29	
Davenport	59,966	5	1		0.02	0		
Dubuque	39,306	3	3			8	.20	
Mason City	22,263	4	0			1	.04	
Sioux City	77,252	2	6	4	.05	1	.01	25.0
Waterloo	38,685	3	1	2	.05	1	.03	50.0
<b>Kansas:</b>								
Hutchinson	25,083	3	0			2	.08	
Parsons	16,946	1	4	1	.06	0		
Pittsburg	18,857	1	3			5	.27	
Wichita	77,277	5	4			3	.04	
<b>Kentucky:</b>								
Newport	129,317	6	3			4	.14	
<b>Maine:</b>								
Bangor	26,281	1	6			7	.27	
Bath	16,104	1	1			1	.06	
Lewiston	33,219	1	2			6	.18	
<b>Maryland:</b>								
Annapolis	11,869					2	.17	
Cumberland	31,671	6	1	1	.03			
<b>Massachusetts:</b>								
Adams	12,987	6	0			1	.08	
Arlington	20,500	4	2			1	.05	
Belmont	12,090	2	1	1	.08	0		
Brockton	68,687	6	2	3	.04	2	.03	66.7
Gardner	17,558	7	1	2	.11	1	.06	50.0
Haverhill	56,399	7	3			1	.02	
Holyoke	60,839	3	2	2	.03	1	.02	60.0
Lawrence	96,425	8	6	6	.06	1	.01	16.7
Leominster	20,302	5	1	2	.10	1	.05	50.0
Medford	43,141	4	1			1	.02	
Melrose	18,844	2	0			2	.11	
Milford	13,576	3	2			1	.07	
Newton	47,662	8	1			1	.02	
Northampton	22,599	6	1			1	.04	
Peabody	20,537	6	3			2	.10	
Salem	142,529	8	2			1	.02	
Saugus	11,602	3	0			1	.09	
Somerville	97,174	8	2			2	.02	
Southbridge	14,670	6	1			2	.14	
Waltham	31,708	5	1	1	.03	0		
Woburn	16,899	5	0	1	.06			
<b>Michigan:</b>								
Adrian	12,163					1	.08	
Battle Creek	38,970	7	2			1	.03	
Bay City	48,169	3	3			1	.02	
Highland Park	58,222	5	5	9	.15	6	.10	66.7
Ironwood	16,490	6	2	2	.12	1	.06	50.0
Ishpeming	10,500	5	1			1	.10	
Jackson	52,737	5	0			1	.02	
Kalamazoo	50,817	6	2	2	.04	1	.02	50.0
Lansing	63,430	1	1			5	.08	
Muskegon	39,533	4	2			4	.10	
Port Huron	27,767	2	2			1	.04	
<b>Minnesota:</b>								
Austin	10,931					2	.18	
Faribault	11,627	1	0			2	.17	
Rochester	15,235	1	0			1	.07	
St. Cloud	17,231					1	.06	
Winona	19,286	4	0			2	.10	
<b>Mississippi:</b>								
Biloxi	11,680	1	0			1	.09	
<b>Missouri:</b>								
Columbia	10,502					2	.19	
Moberly	13,293					1	.08	
<b>Montana:</b>								
Butte	42,181	2	1	2	.05	1	.02	50.0
Great Falls	26,739	5	2			2	.07	
Helena	12,037					4	.33	
Missoula	12,688	2	1			3	.24	

1 Population, Jan. 1, 1920.

**Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.**  
**CEREBROSPINAL MENINGITIS—Continued.**

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
New Hampshire:								
Manchester.....	80,526	8	4			9	0.11	
New Jersey:								
Bayonne.....	82,214	6	3	3	0.04			
East Orange.....	54,918	6	3	2	.04	1	.02	50.0
Hoboken.....	168,166	2	4			3	.04	
Montclair.....	30,678	5	2			2	.07	
Morristown.....	12,558	5	0			1	.06	
New Brunswick.....	35,144	4	2	3	.09	0		
Orange.....	34,254	5	2			1	.03	
Passaic.....	66,177	5	2			4	.06	
Perth Amboy.....	44,175	2	1			5	.11	
Plainfield.....	29,540	4	1	11	.37	7	.24	63.6
Summit.....	10,862	2	1	1	.09	0		
Union.....	120,651	2	0	2	.10			
West Hoboken.....	41,277	7	2			1	.02	
West New York.....	34,139	5	2			1	.03	
New York:								
Amsterdam.....	34,104	4	3			1	.03	
Batavia.....	13,971					1	.07	
Binghamton.....	71,525	5	3			1	.01	
Dunkirk.....	19,879	6	1			1	.05	
Lackawanna.....	18,785	4	3	3	.16	2	.11	66.7
Little Falls.....	13,223	4	1			3	.23	
Newburgh.....	31,024	7	1			3	.10	
Niagara Falls.....	55,990	4	5	4	.07	2	.04	50.0
North Tonawanda.....	16,390	4	0	1	.06			
Peekskill.....	15,976	3	0			1	.06	
Port Chester.....	17,541	4	1	5	.29			
Poughkeepsie.....	36,818	4	1	3	.08	2	.05	66.7
Rome.....	27,845	6	0			1	.04	
Saratoga Springs.....	113,181	5	1	1	.08			
Schenectady.....	92,687	8	4			1	.01	
Troy.....	172,013	7	2			1	.01	
North Carolina:								
Raleigh.....	28,572	4	1	5	.17	4	.14	80.0
Ohio:								
Ashtabula.....	23,911	5	1			2	.08	
Cambridge.....	13,524	4	2			1	.07	
Canton.....	95,742	2	2	1	.01			
East Cleveland.....	31,955	3	0	1	.03			
Hamilton.....	41,005	6	1			5	.12	
Kenmore.....	15,946	1	4	1	.06			
Marietta.....	15,105					5	.33	
Salem.....	10,655	2	3			3	.28	
Sandusky.....	23,645	1	2			2	.08	
Steubenville.....	30,063	6	1			2	.07	
Warren.....	30,518	6	2			2	.07	
Zanesville.....	29,965	5	2			7	.23	
Oklahoma:								
Bartlesville.....	16,638					4	.24	
Oklahoma.....	98,370	6	3			2	.02	
Tulsa.....	93,558	2	3	4	.04			
Oregon:								
Astoria.....	15,167	4	2			1	.07	
Eugene.....	10,879	3	0	1	.09	0		
Pennsylvania:								
Altoona.....	63,523	5	1	2	.03	1	.02	50.0
Ambridge.....	14,668	1	1			3	.20	
Berwick.....	12,769			1	.08			
Braddock.....	21,269	3	0			2	.09	
Bradford.....	15,648	6	1	1	.06			
Butler.....	24,438	1	2			1	.04	
Canonsburg.....	11,930	1	0			1	.08	
Carlisle.....	11,074	2	1			1	.09	
Chambersburg.....	13,524	1	0			3	.22	
Charleroi.....	12,004	2	1	1	.08	0		
Chester.....	62,792	2	4	1	.02			
Easton.....	35,175			1	.03			
Harrisburg.....	79,983	5	2	1	.01			
Johnstown.....	69,212					3	.04	
McKeesport.....	47,834	5	2			1	.02	
Monessen.....	19,555	3	0	3	.15	2	.10	66.7
New Castle.....	47,166	4	1	2	.04			
Sharon.....	23,208	1	0			1	.04	
Shenandoah.....	24,726	3	3	7	.28	2	.08	28.6
West Chester.....	11,717	4	0			2	.17	
Williamsport.....	37,315	3	3			7	.19	

1 Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## CEREBROSPINAL MENINGITIS—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Rhode Island:								
Cranston.....	31,543	4	0			5	0.16	
South Carolina:								
Columbia.....	39,070	3	3	3	0.08			
Greenville.....	25,028	4	2			1	.04	
Spartanburg.....	23,956	4	1			4	.17	
South Dakota:								
Sioux Falls.....	28,062	4	4			2	.07	
Tennessee:								
Knoxville.....	85,572	3	0			7	.08	
Texas:								
Ablene.....	10,357					1	.10	
Amarillo.....	16,532	4	0	1	.06	0		
Austin.....	36,167	3	2			5	.14	
Beaumont.....	44,954	2	2			4	.09	
Cleburne.....	13,430	3	1			1	.07	
Del Rio.....	10,589					1	.09	
Galveston.....	46,128	3	4	1	.02	0		
San Angelo.....	10,050					1	.10	
Wichita Falls.....	48,237	1	4			1	.02	
Utah:								
Ogden.....	34,652	3	5			6	.17	
Vermont:								
Burlington.....	23,375	4	0	1	.04			
Rutland.....	15,317	4	0			1	.07	
Virginia:								
Alexandria.....	18,248	2	2			2	.11	
Danville.....	22,187	2	0			13	.59	
Portsmouth.....	56,497	3	3	1	.02	0		
Washington:								
Aberdeen.....	15,718	2	0			1	.06	
Bellingham.....	25,878	2	0			2	.08	
Walla Walla.....	15,503					3	.19	
West Virginia:								
Charleston.....	43,886	2	1	3	.07			
Clarksburg.....	29,019	1	2	2	.07	1	.03	50.0
Wisconsin:								
Eau Claire.....	21,574	4	2	2	.09			
Fond du Lac.....	24,618	5	1	1	.04	0		
Green Bay.....	32,505	2	0			2	.06	
La Crosse.....	30,421	3	0			1	.03	
Oshkosh.....	33,187	4	0			2	.06	
Racine.....	62,736	3	2			2	.03	
Sheboygan.....	32,128	4	1			1	.03	
Superior.....	139,671	2	4			3	.08	
Wyoming:								
Cheyenne.....	14,437	2	0			2	.14	

<sup>1</sup> Population Jan. 1, 1920.

## CHICKEN POX.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Anniston.....	19,004	35	1.84	0		
Bessemer.....	20,174	8	.40			
Montgomery.....	44,834	160	3.57			
Arizona:						
Phoenix.....	32,514	6	.18	0		
Tucson.....	23,175	18	.78	0		
Arkansas:						
Fort Smith.....	30,131	36	1.19	0		
Little Rock.....	69,266	64	.92	0		
North Little Rock.....	14,796	7	.47	0		

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

CHICKEN POX—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>California:</b>						
Alameda	30,201	25	0.83	0		
Bakersfield	20,160	4	.20	0		
Berkeley	61,888	106	1.73	0		
Eureka	13,200	54	4.09			
Fresno	53,207	35	.66	0		
Glendale	16,950	65	3.83			
Long Beach	65,322	112	1.71	0		
Pasadena	51,766	191	3.69	0		
Pomona	14,353	61	4.25	0		
Richmond	19,428	11	.57	0		
Riverside	20,404	65	3.19			
Sacramento	68,795	73	1.06	1	0.01	73.0
San Bernardino	20,251	16	.79	1	.05	16.0
San Diego	83,528	381	4.56	0		
San Jose	41,260	39	.95			
Santa Ana	17,300	10	.58			
Santa Monica	17,157	21	1.22			
Stockton	43,702	26	.59			
Venice	12,255	20	1.63			
<b>Colorado:</b>						
Boulder	11,384	18	1.58			
Colorado Springs	30,105	111	3.69			
Greeley	11,673	51	4.37	0		
Pueblo	43,385	67	1.54	0		
Trinidad	10,956	29	2.65			
<b>Connecticut:</b>						
Bristol	22,453	33	1.47			
Fairfield	12,851	34	2.65	0		
Greenwich	23,580	41	1.74	0		
Manchester	19,588	11	.56	0		
Meriden	35,458	28	.79			
Milford	11,693	7	.60	0		
New Britain	63,281	91	1.44	0		
New London	27,240	60	2.20	0		
Norwich	22,674	10	.44	0		
Stamford	37,659	105	2.79			
Stratford	14,055	78	5.55	0		
Waterbury	96,498	131	1.36	0		
<b>Florida:</b>						
Miami	35,776	10	.28	0		
St. Petersburg	22,353	4	.18			
Tampa	54,781	1	.02	0		
<b>Georgia:</b>						
Athens	17,220	23	1.34			
Augusta	53,774	79	1.47			
Macon	55,378	40	.72			
Rome	13,548	41	3.03			
Savannah	87,678	2	.02	0		
<b>Idaho:</b>						
Boise	22,688	37	1.63	0		
Pocatello	16,516	68	4.12	0		
<b>Illinois:</b>						
Alton	25,642	79	3.06			
Aurora	37,950	89	2.35	0		
Berwyn	16,288	14	.86	0		
Bloomington	29,428	252	8.56	0		
Blue Island	12,178	60	4.93	0		
Centralia	13,214	32	2.42			
Champaign	17,186	74	4.31			
Chicago Heights	20,773	9	.43	0		
Cicero	52,833	86	1.63	0		
East St. Louis	68,883	54	.78	0		
Elgin	27,835	194	6.97			
Evanston	40,256	255	6.33	0		
Forest Park	11,843	54	4.56			
Freeport	20,132	111	5.51			
Galesburg	24,282	250	10.30			
Granite City	15,852	10	.63			
Herrin	12,048	3	.25			
Jacksonville	15,811	144	9.11	0		
Kewanee	18,779	272	14.48			
La Salle	13,439	58	4.32	0		
Mattoon	14,091	61	4.33			
Maywood	13,060	88	6.74			
Moline	32,177	194	6.03			

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## CHICKEN POX—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Illinois—Continued.						
Oak Park	45, 114	579	12.83	0		
Ottawa	11, 146	15	1.35	0		
Pekin	12, 649	13	1.03	0		
Peoria	78, 731	159	2.02			
Quincy	37, 478	90	2.40	0		
Rockford	70, 485	295	4.19			
Rock Island	37, 403	229	6.12	0		
Springfield	61, 076	135	2.21	0		
Streator	14, 914	19	1.27	0		
Urbana	10, 745	80	7.45	0		
Waukegan	20, 039	23	1.15			
Indiana:						
Anderson	31, 625	36	1.14			
Bloomington	12, 046	3	.25			
Crawfordsville	10, 317	8	.78	0		
East Chicago	40, 336	50	1.24	0		
Elwood	10, 890	80	7.35	0		
Fort Wayne	91, 549	265	2.89	0		
Frankfort	12, 250	31	2.53	0		
Gary	65, 146	64	.98			
Huntington	14, 870	3	.20	0		
Jeffersonville	10, 098	2	.20			
Kokomo	33, 420	32	.96	0		
La Fayette	23, 079	13	.56			
Laporte	16, 241	4	.25			
Logansport	22, 236	14	.63	0		
Marion	24, 895	26	1.04	0		
Michigan City	19, 567	5	.26	0		
Mishawaka	15, 865	25	1.58	0		
Muncie	39, 236	204	5.20			
Newcastle	15, 593	1	.06	0		
Richmond	28, 124	8	.28	0		
South Bend	75, 093	109	1.45			
Terre Haute	68, 123	53	.78	0		
Whiting	11, 060	4	.36			
Iowa:						
Boone	12, 991	3	.23			
Burlington	24, 057	33	1.37	0		
Clinton	24, 151	15	.62	0		
Council Bluffs	37, 930	7	.18	0		
Davenport	59, 966	47	.78	0		
Dubuque	39, 306	42	1.07	0		
Iowa City	11, 570	12	1.04			
Muscatine	16, 068	109	6.78			
Sioux City	77, 252	27	.35	0		
Waterloo	38, 685	62	1.60	0		
Kansas:						
Atchison	12, 630	9	.71			
Chanute	10, 546	50	4.74			
Coffeyville	13, 647	4	.29	0		
Eldorado	13, 020	60	4.61			
Fort Scott	10, 751	28	2.60			
Hutchinson	25, 083	37	1.48			
Lawrence	12, 476	136	10.90	0		
Leavenworth	16, 912	61	3.61	0		
Parsons	16, 946	8	.47	0		
Pittsburg	18, 857	30	1.59	0		
Topoka	51, 902	352	6.78	0		
Wichita	77, 277	421	5.45	0		
Kentucky:						
Covington	57, 661	46	.80	0		
Lexington	43, 062	103	2.39	0		
Newport	29, 317	20	.68	0		
Owensboro	21, 496	1	.05			
Paducah	25, 243	25	.99	0		
Maine:						
Auburn	17, 479	38	2.17	0		
Bangor	26, 281	17	.65	0		
Bath	16, 104	4	.25	0		
Lewiston	33, 219	63	1.90	0		
Portland	72, 027	191	2.65	0		
Waterville	13, 839	44	3.18	0		
Maryland:						
Annapolis	11, 859	10	.84			
Cumberland	31, 671	66	2.08			

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## CHICKEN POX—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Massachusetts:</b>						
Adams.....	112,967	7	0.54	0		
Arlington.....	20,590	32	1.55	0		
Attleboro.....	20,638	9	.44			
Belmont.....	12,090	57	4.71	0		
Beverly.....	23,566	35	1.49	0		
Braintree.....	11,225	14	1.25	0		
Brockton.....	68,667	95	1.38	0		
Brookline.....	40,311	191	4.74	0		
Chelsea.....	45,947	41	.89	0		
Clinton.....	12,979	12	.92	0		
Danvers.....	11,546	19	1.65			
Dedham.....	11,180	29	2.59			
Easthampton.....	11,965	1	.08			
Everett.....	41,823	110	2.63	0		
Framingham.....	18,083	85	4.70	0		
Gardner.....	17,556	19	1.08	0		
Greenfield.....	16,757	7	.42	0		
Haverhill.....	56,399	71	1.26	0		
Holyoke.....	60,839	28	.46			
Lawrence.....	96,425	42	.44	0		
Leominster.....	20,302	45	2.22	0		
Malden.....	50,313	59	1.17	0		
Marlboro.....	15,143	42	2.77	0		
Medford.....	43,141	28	.65	0		
Melrose.....	18,844	26	1.38	0		
Methuen.....	16,152	39	2.41	1	.06	39.0
Milford.....	13,576	3	.22	0		
Natick.....	11,175	42	3.76	0		
Newburyport.....	15,789	9	.57			
Newton.....	47,662	133	2.79	0		
North Adams.....	22,350	7	.31	0		
Northampton.....	22,599	41	1.81	1	.04	41.0
Northbridge.....	10,524	2	.19	0		
Norwood.....	13,815	11	.80	0		
Peabody.....	20,537	11	.54			
Pittsfield.....	44,246	30	.68	0		
Plymouth.....	13,278	41	3.09			
Quincy.....	51,799	83	1.60			
Salem.....	42,529	55	1.29	0		
Saugus.....	11,602	18	1.55	1	.09	18.0
Somerville.....	97,174	86	.89			
Southbridge.....	14,670	2	.14			
Taunton.....	37,877	28	.74	0		
Wakefield.....	13,441	19	1.41	0		
Waltham.....	31,708	48	1.51	0		
Watertown.....	23,667	28	1.18			
Webster.....	13,708	26	1.90	0		
Westfield.....	19,262	27	1.40			
Winchester.....	10,788	30	2.78			
Winthrop.....	16,825	69	4.10			
Woburn.....	16,899	5	.30			
<b>Michigan:</b>						
Adrian.....	12,163	11	.90			
Ann Arbor.....	20,726	132	6.37	0		
Battle Creek.....	38,970	283	7.26	0		
Bay City.....	48,169	11	.23	0		
Benton Harbor.....	13,017	12	.92	0		
Hamtramck.....	63,668	20	.31			
Highland Park.....	58,222	222	3.81			
Holland.....	12,018	8	.63			
Ironwood.....	16,490	89	5.40			
Ishpeming.....	10,500	24	2.29	0		
Jackson.....	52,737	263	4.99	0		
Kalamazoo.....	50,817	103	2.03	0		
Lansing.....	63,430	236	3.72	0		
Muskegon.....	39,533	82	2.07	0		
Pontiac.....	39,356	136	3.46	0		
Port Huron.....	27,767	242	8.72			
Saginaw.....	68,581	183	2.67	0		
Sault Ste. Marie.....	12,096	47	3.89	0		
<b>Minnesota:</b>						
Austin.....	10,931	1	.09			
Faribault.....	11,627	45	3.87	0		
Hibbing.....	16,119	19	1.18	0		
Rochester.....	15,235	105	6.89	0		
Winona.....	19,286	46	2.39	0		

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## CHICKEN POX—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants	Cases reported for each death registered.
Mississippi:						
Biloxi.....	11,680	9	0.77	0		
Jackson.....	23,218	41	1.77			
Missouri:						
Moberly.....	13,293	56	4.21	0		
St. Joseph.....	78,177	70	.90			
Montana:						
Anaconda.....	12,063	2	.17	0		
Butte.....	42,181	28	.66			
Great Falls.....	26,739	88	3.29	0		
Helena.....	<sup>1</sup> 12,037	25	2.03	0		
Missoula.....	<sup>1</sup> 12,668	56	4.42			
Nebraska:						
Grand Island.....	14,699	14	.95			
Lincoln.....	57,671	275	4.77	0		
Nevada:						
Reno.....	12,311	5	.41			
New Hampshire:						
Berlin.....	17,217	5	.29			
Dover.....	<sup>1</sup> 13,029	6	.46	0		
Keene.....	11,503	4	.35	0		
Manchester.....	80,526	21	.26	0		
Nashua.....	28,990	8	.28	0		
Portsmouth.....	14,160	10	.71			
New Jersey:						
Asbury Park.....	12,978	17	1.31	0		
Atlantic City.....	51,880	139	2.63			
Bayonne.....	82,214	14	.17			
Belleville.....	17,145	31	1.81			
Bloomfield.....	23,807	101	4.24	0		
Bridgeton.....	14,351	20	1.39			
Clifton.....	30,230	16	.53			
East Orange.....	54,918	192	3.50			
Englewood.....	12,065	64	5.30			
Hackensack.....	18,598	45	2.42	0		
Harrison.....	16,036	29	1.81			
Hoboken.....	<sup>1</sup> 68,166	20	.29	0		
Kearny.....	28,799	120	4.17			
Long Branch.....	13,577	34	2.50	0		
Montclair.....	30,678	122	3.93			
Morristown.....	12,558	61	4.86	0		
Orange.....	34,254	103	3.01			
Passaic.....	66,177	81	1.22	0		
Plainfield.....	29,540	51	1.73	0		
Rahway.....	11,480	1	.09	0		
Summit.....	10,862	97	8.93	0		
Union.....	<sup>1</sup> 20,651	7	.34			
West Hoboken.....	41,277	13	.31			
West New York.....	34,139	55	1.61			
West Orange.....	16,755	90	5.37	0		
New York:						
Amsterdam.....	34,104	83	2.43	0		
Auburn.....	36,585	62	1.69			
Batavia.....	13,971	30	2.15			
Binghamton.....	71,525	220	3.08	0		
Cohoes.....	<sup>1</sup> 22,987	22	.96			
Corning.....	16,358	6	.37			
Cortland.....	13,754	13	.95			
Dunkirk.....	19,879	84	4.23	0		
Glens Falls.....	16,996	68	4.00			
Gloversville.....	22,443	27	1.20			
Herkimer.....	11,209	5	.45	0		
Hornell.....	15,388	175	11.37			
Hudson.....	11,803	15	1.27	0		
Ithaca.....	17,569	19	1.08	0		
Jamestown.....	40,879	179	4.38			
Johnstown.....	11,026	23	2.09	0		
Johnstown.....	18,785	41	2.18			
Lackawanna.....	13,223	33	2.50			
Little Falls.....	21,908	18	.82	0		
Lockport.....	19,220	29	1.51			
Middletown.....	45,766	119	2.60	0		
Mount Vernon.....	38,104	93	2.44			
New Rochelle.....	31,024	34	1.10	0		
Newburgh.....	55,990	219	3.91			
Niagara Falls.....						

<sup>1</sup>Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.  
CHICKEN POX—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
New York—Continued.						
North Tonawanda.....	16,390	41	2.50			
Olean.....	21,989	92	4.18	1	0.05	92.0
Oneonta.....	12,120	7	.58	0		
Oswego.....	23,691	13	.55	0		
Peekskill.....	15,976	66	4.13	0		
Plattsburgh.....	<sup>1</sup> 10,909	35	3.21			
Port Chester.....	17,541	31	1.77			
Poughkeepsie.....	36,818	42	1.14	0		
Rensselaer.....	10,851	20	1.84	2	.18	10.0
Rome.....	27,846	47	1.69	0		
Saratoga Springs.....	<sup>1</sup> 13,181	258	19.57			
Schenectady.....	92,687	170	1.83			
Troy.....	<sup>1</sup> 72,013	156	2.17			
Watertown.....	32,458	124	3.82	0		
Watervleit.....	16,331	5	.31			
White Plains.....	22,046	127	5.76			
North Carolina:						
Asheville.....	29,854	74	2.48			
Greensboro.....	<sup>1</sup> 19,861	47	2.37			
New Bern.....	12,206	2	.16	0		
Raleigh.....	28,572	166	5.81	0		
Rocky Mount.....	13,820	18	1.30			
Wilmington.....	35,048	49	1.40	0		
Winston-Salem.....	53,924	291	5.40	0		
North Dakota:						
Minot.....	11,469	13	1.13	0		
Ohio:						
Ashtabula.....	23,911	30	1.25	0		
Barberton.....	20,844	9	.43			
Bellaire.....	15,604	48	3.08	0		
Bucyrus.....	11,018	36	3.27	0		
Cambridge.....	13,524	9	.67			
Canton.....	95,742	384	4.01			
Chillicothe.....	16,171	11	.68			
Cleveland Heights.....	18,399	236	12.83			
Coshocton.....	11,168	16	1.43	0		
Cuyahoga Falls.....	11,791	17	1.44			
East Cleveland.....	31,955	198	6.20			
East Liverpool.....	21,674	6	.28			
East Youngstown.....	14,050	36	2.56			
Elyria.....	22,164	85	3.84			
Findlay.....	17,577	105	5.97	0		
Fremont.....	13,118	18	1.37			
Hamilton.....	41,005	29	.71	0		
Kenmore.....	15,946	32	2.01			
Lima.....	43,777	87	1.99			
Lorain.....	39,661	103	2.60			
Mansfield.....	29,639	148	4.99	0		
Marion.....	29,991	12	.40	0		
Middletown.....	27,457	8	.29			
Newark.....	27,056	72	2.66			
Niles.....	15,064	27	1.79			
Norwood.....	27,226	51	1.87			
Piqua.....	15,469	9	.58	0		
Salem.....	10,655	43	4.04	0		
Sandusky.....	23,645	440	18.61			
Springfield.....	64,423	112	1.74	0		
Steubenville.....	30,083	11	.37	0		
Warren.....	30,518	19	.62	0		
Zanesville.....	29,965	59	1.97	0		
Oklahoma:						
Chickasha.....	<sup>1</sup> 10,179	7	.60			
McAlester.....	<sup>1</sup> 12,095	28	2.32	0		
Oklahoma.....	98,370	148	1.50			
Tulsa.....	93,558	50	.53			
Oregon:						
Astoria.....	15,167	20	1.32	0		
Eugene.....	10,879	42	3.86	0		
Pennsylvania:						
Altoona.....	63,523	147	2.32	0		
Ambridge.....	14,668	17	1.16			
Beaver Falls.....	12,958	70	5.40			
Berwick.....	12,769	32	2.51			
Bethlehem.....	58,029	196	3.38			
Braddock.....	21,269	29	1.36			
Bradford.....	15,648	61	3.90			

<sup>1</sup> Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## CHICKEN POX—Continued.

City.	Estimated population, July 1, 1922	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Pennsylvania—Continued.						
Butler	24,438	66	2.70			
Carbondale	19,050	4	.21			
Carlisle	11,074	88	7.95			
Carnegie	11,904	4	.34			
Carrick	11,633	10	.86			
Chambersburg	13,524	29	2.14	0		
Charlroi	12,004	20	1.67	0		
Chester	62,792	82	1.31			
Coatesville	15,398	28	1.82			
Connellsville	14,050	9	.64			
Donora	15,449	16	1.04			
Easton	35,175	57	1.62			
Farrell	16,924	84	4.96			
Harrisburg	79,983	418	5.23			
Hazleton	34,034	31	.91			
Homestead	20,900	28	1.34			
Jeannette	11,133	32	2.87			
Lancaster	54,675	216	3.95			
McKeesport	47,834	22	.46	0		
Monessen	19,555	64	3.27	0		
Mount Carmel	17,469	5	.29			
Nanticoke	23,577	4	.17			
New Castle	47,166	79	1.67			
Norristown	33,462	229	6.84			
North Braddock	15,726	23	1.46	0		
Oil City	22,177	210	9.47			
Olyphant	10,681	1	.09			
Phoenixville	10,484	26	2.48			
Pittston	19,070	4	.21			
Plymouth	16,500	7	.42			
Shamokin	21,452	38	1.77			
Sharon	23,208	88	3.79	0		
Shenandoah	24,726	50	2.02	3	0.12	16.7
Steelton	13,428	61	4.54			
Sunbury	16,224	56	3.45			
Swissvale	11,816	50	4.23	0		
Tamaqua	13,108	28	2.14			
Uniontown	15,692	9	.57			
Warren	14,655	171	11.67	0		
Washington	22,175	68	3.07			
West Chester	11,717	92	7.85	0		
Wilkinsburg	25,761	133	5.16			
Williamsport	37,315	139	3.73	0		
Woodlawn	15,453	66	4.27	0		
York	48,222	126	2.61	0		
South Carolina:						
Columbia	39,070	83	2.12			
Greenville	25,028	17	.68			
Spartanburg	23,956	55	2.30	0		
South Dakota:						
Aberdeen	15,460	16	1.03	0		
Sioux Falls	28,062	40	1.43	0		
Tennessee:						
Jackson	19,343	107	5.53			
Knoxville	85,572	48	.56	0		
Texas:						
Abilene	10,357	6	.58	0		
Amarillo	16,532	9	.54	0		
Austin	36,167	15	.41	0		
Beaumont	44,954	2	.04	0		
Galveston	46,128	6	.13	0		
Paris	16,010	10	.62			
Tyler	12,518	12	.96	0		
Waco	40,733	49	1.20	0		
Utah:						
Ogden	34,652	231	6.67	0		
Vermont:						
Barre	10,008	18	1.80	0		
Burlington	23,375	80	3.42			
Rutland	15,317	40	2.61			
Virginia:						
Alexandria	18,248	35	1.92	0		
Danville	22,187	33	1.49			
Lynchburg	30,218	254	8.41	0		
Newport News	35,596	98	2.75			
Petersburg	33,585	18	.54	0		
Portsmouth	56,497	6	.11	0		

<sup>1</sup>Population, Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

CHICKEN POX—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Washington:						
Aberdeen.....	15,718	11	0.70	0		
Bellingham.....	25,878	25	.97			
Everett.....	28,397	13	.46	0		
Walla Walla.....	<sup>1</sup> 15,503	1	.06	0		
Yakima.....	19,687	94	4.77	0		
West Virginia:						
Bluefield.....	16,302	47	2.88	0		
Charleston.....	43,886	27	.62	0		
Clarksburg.....	29,019	81	2.79	0		
Fairmont.....	19,264	22	1.14			
Huntington.....	56,135	35	.62			
Martinsburg.....	12,983	17	1.31			
Wheeling.....	<sup>1</sup> 56,208	135	2.40	0		
Wisconsin:						
Appleton.....	20,279	21	1.04	0		
Ashland.....	<sup>1</sup> 11,334	2	.18			
Beloit.....	22,869	62	3.59	0		
Eau Claire.....	21,574	51	2.36			
Fond du Lac.....	24,018	2	.08	0		
Green Bay.....	32,595	20	.62			
Janesville.....	19,426	59	3.04	0		
Kenosha.....	44,858	231	5.15	0		
La Crosse.....	30,421	141	4.63			
Madison.....	41,336	307	7.43			
Marinette.....	<sup>1</sup> 13,610	25	1.84	0		
Oshkosh.....	33,187	71	2.14	0		
Racine.....	62,736	196	3.12			
Sheboygan.....	32,128	26	.81	0		
Superior.....	<sup>1</sup> 39,671	46	1.16	0		
Wausau.....	19,453	82	4.22	0		
West Allis.....	15,573	12	.77			
Wyoming:						
Cheyenne.....	14,437	6	.42	0		

DENGUE.

Alabama:						
Anniston.....	19,004	15	0.79	0		
Montgomery.....	44,834	167	3.72			
Arkansas:						
Little Rock.....	69,266	5	.07	0		
North Little Rock.....	14,796	7	.47	0		
Florida:						
Miami.....	35,776	14	.39	1	0.03	14.0
St. Petersburg.....	22,353	629	28.14			
Tampa.....	54,781	1,008	18.40	1	.02	1,008.0
Georgia:						
Albany.....	12,383	75	6.06			
Athens.....	17,220	3	.17			
Augusta.....	53,774	28	.52	1	.02	28.0
Brunswick.....	15,501	635	40.97	0		
Macon.....	55,378	<sup>1</sup> 25,600		16	.29	
Rome.....	13,548	1	.07			
Savannah.....	87,678	309	3.52	1	.01	309.0
Kansas:						
Topeka.....	51,902	1	.02			
Louisiana:						
Shreveport.....	47,957			9	.19	
Mississippi:						
Biloxi.....	11,680	81	6.93	0		
Jackson.....	23,218	874	37.64			
South Carolina:						
Columbia.....	39,070	1,500	38.39			
Tennessee:						
Jackson.....	19,343	4	.21			
Texas:						
Abilene.....	10,357	20	1.93	2	.19	10.0
Amarillo.....	16,532	1	.06	0		
Austin.....	36,167	2,500	69.12	4	.11	625.0
Beaumont.....	44,954	52	1.16	1	.02	52.0
Galveston.....	46,128	255	5.53	0		
Paris.....	16,010	40	2.50			
Waco.....	40,733	608	14.93	11	.27	55.3

<sup>1</sup> Population Jan. 1, 1920.

<sup>2</sup> Estimated.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## DIPHTHERIA.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>Alabama:</b>								
Anniston.....	19,004	6	23	136	7.16	9	0.47	6.6
Bessemer.....	20,174			17	.84	2	.10	11.8
Mobile.....	62,978	8	53	75	1.19	7	.11	9.3
Montgomery.....	44,834	5	45	68	1.52	1	.02	1.5
<b>Arizona:</b>								
Phoenix.....	32,514	1	23	16	.49	3	.09	18.7
Tucson.....	23,175	2	27	36	1.55	8	.35	22.2
<b>Arkansas:</b>								
Fort Smith.....	30,131	2	49	56	1.86	2	.07	3.6
Little Rock.....	69,266	6	77	82	1.18	1	.01	1.2
North Little Rock.....	14,796	3	12	31	2.1	2	.14	6.5
<b>California:</b>								
Alameda.....	30,201	8	44	77	2.55	9	.30	11.7
Bakersfield.....	20,160	7	12	49	2.43	4	.20	8.2
Berkeley.....	61,398	8	54	142	2.31	11	.18	7.7
Eureka.....	13,200	7	3	97	7.35	3	.23	3.1
Fresno.....	53,207	6	22	132	2.48	4	.06	3.0
Glendale.....	16,950	2	21	79	4.66	2	.12	2.5
Long Beach.....	65,322	8	17	138	2.11	10	.15	7.2
Pasadena.....	51,766	7	18	84	1.62	2	.04	2.4
Pomona.....	14,353	3	51	5	.35	1	.07	20.0
Richmond.....	19,428	2	56	44	2.26	3	.15	6.8
Riverside.....	20,404	5	29	53	2.60	3	.15	5.7
Sacramento.....	68,795	7	59	229	3.33	6	.09	2.6
San Bernardino.....	20,251	7	14	50	2.47	3	.15	6.0
San Diego.....	83,528	8	101	263	3.15	12	.14	4.6
San Jose.....	41,290	6	42	154	3.73	10	.24	6.5
Santa Ana.....	17,300	3	1	63	3.64			
Santa Cruz.....	10,917	6	3	5	.46	1	.09	20.0
Santa Monica.....	17,157	2	32	46	2.68	1	.06	2.2
Stockton.....	43,702	4	49	162	3.71			
Vanice.....	12,255	2	16	10	.82	1	.08	10.0
<b>Colorado:</b>								
Boulder.....	11,384	2	7	8	.70			
Colorado Springs.....	30,106	7	16	23	.76	3	.10	13.0
Greeley.....	11,673			18	1.54	1	.09	5.6
Pueblo.....	43,385	4	70	197	4.54	23	.53	11.7
Trinidad.....	10,956	7	8	54	4.93	3	.27	5.6
<b>Connecticut:</b>								
Bristol.....	22,453	5	64	10	.45			
Fairfield.....	12,851	1	37	14	1.09	0		
Greenwich.....	23,580	8	31	35	1.48	2	.08	5.7
Manchester.....	19,588	4	12	14	.71	1	.05	7.1
Meriden.....	35,458	3	88	85	2.40			
Milford.....	11,693	2	34	33	2.82	0		
New Britain.....	63,281	7	123	181	2.86	13	.21	7.2
New London.....	27,240	5	80	65	2.39	8	.29	12.3
Norwich.....	22,674	6	35	62	2.73	6	.26	9.7
Stamford.....	37,659	2	50	56	1.49	5	.13	8.9
Stratford.....	14,055	2	54	26	1.85	1	.07	3.8
Torrington.....	23,396			26	1.11			
Waterbury.....	96,498	7	192	160	1.71	13	.13	7.9
<b>Florida:</b>								
Key West.....	18,749			2	.11			
Miami.....	35,776	2	35	35	.98	3	.08	8.6
St. Petersburg.....	22,353			54	2.42			
Tampa.....	54,781	5	99	113	2.06	2	.04	1.8
<b>Georgia:</b>								
Albany.....	12,383	1	10	14	1.13	2	.16	14.3
Athens.....	17,220	1	22	87	5.05	10	.58	11.5
Augusta.....	53,774	6	53	46	.86	1	.02	2.2
Brunswick.....	15,501	7	7	9	.58	2	.13	22.2
Macon.....	55,378	5	97	63	1.14	15	.27	23.8
Rome.....	13,548	3	50	87	6.42	2	.15	2.3
Savannah.....	87,673	4	137	112	1.28	10	.11	8.9
<b>Idaho:</b>								
Boise.....	22,688	4	12	17	.75	0		
Pocatello.....	16,516	3	6	44	2.66	5	.30	11.4
<b>Illinois:</b>								
Alton.....	25,642	7	52	131	5.11	5	.19	3.8
Aurora.....	37,960	8	45	264	6.96	14	.37	5.3

<sup>1</sup>Population Jan. 1, 1920

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

DIPHTHERIA—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Illinois—Continued.								
Berwyn	16,288			42	2.58	2	0.12	4.8
Bloomington	29,428		52	39	1.33	6	.20	15.4
Blue Island	12,178	2	93	54	4.43	5	.41	9.3
Centralia	13,214	5	14	18	1.36			
Champaign	17,186	7	18	31	1.80			
Chicago Heights	20,773	3	132	27	1.30	1	.05	3.7
Cicero	52,833	6	118	142	2.69	10	.19	7.0
Danville	35,197	7	17	30	.85	1	.03	3.3
East St. Louis	68,883	4	131	127	1.84	10	.15	7.9
Elgin	27,835	8	24	49	1.76	1	.04	2.0
Evanston	40,256	8	54	38	.94	4	.10	10.5
Forest Park	11,843	1	71	18	1.52	2	.17	11.1
Freeport	20,132	5	20	113	5.61	7	.35	6.2
Galesburg	24,282	6	18	52	2.14	2	.08	3.8
Granite City	15,852	4	42	38	2.40			
Herrin	12,048			24	1.99	5	.42	20.8
Jacksonville	15,811	5	12	53	3.35	0		
Kewanee	18,779	3	14	26	1.38	2	.11	7.7
La Salle	13,439	3	34	41	3.05	4	.30	9.8
Mattoon	14,091	6	13	58	4.12			
Maywood	13,060	5	22	41	3.14	3	.23	7.3
Moline	32,177	7	52	15	.47			
Oak Park	45,114	7	73	99	2.19	4	.09	4.0
Ottawa	11,146	2	27	28	2.51	1	.09	3.6
Pekin	12,649	5	24	21	1.66	0		
Peoria	78,731	6	193	64	.81	4	.05	6.2
Quincy	37,478	8	37	30	.80	2	.05	6.7
Rockford	70,485	8	83	104	1.48	3	.04	2.9
Rock Island	37,403	6	39	34	.91	2	.05	5.9
Springfield	61,076	6	78	105	1.72	1	.02	1.0
Streator	14,914	2	71	98	6.57	1	.07	1.0
Urbana	10,745	3	6	7	.65	0		
Waukegan	20,039	5	24	54	2.69	1	.05	1.9
Indiana:								
Anderson	31,625	7	27	104	3.29	7	.22	6.7
Bloomington	12,046	4	11	41	3.40	2	.17	4.9
Clinton	12,180	1	21	20	1.64	0		
Crawfordsville	10,317	4	4	11	1.07	0		
East Chicago	40,336	7	41	86	2.13	15	.37	17.4
Elwood	10,890	5	11	29	2.66	1	.09	3.4
Fort Wayne	91,549	8	135	207	2.26	15	.16	7.2
Frankfort	12,250	4	5	62	5.06	5	.41	8.1
Gary	65,146	5	122	65	1.00	6	.09	9.2
Hammond	44,721	8	46			6	.13	
Huntington	14,870	6	5	23	1.55	2	.13	8.7
Jeffersonville	110,098	4	13	12	1.19	2	.20	16.7
Kokomo	33,420	7	35	48	1.44	4	.12	8.3
La Fayette	23,079	8	17	62	2.69	2	.09	3.2
Laporte	16,241	2	21	20	1.23			
Logansport	22,236	8	7	17	.76	1	.04	5.9
Marion	24,895	7	46	60	2.41	8	.32	13.3
Michigan City	19,567	2	25	67	3.42	3	.15	4.5
Mishawaka	15,865	7	14	45	2.84	3	.19	6.7
Muncie	39,236	7	35	83	2.12	10	.25	12.0
Newcastle	15,593	5	10	8	.51	2	.13	25.0
Peru	12,533	2	4	16	1.28	1	.08	6.2
Richmond	28,124	5	75	24	.85	4	.14	16.7
South Bend	75,093	4	51	60	.80	8	.11	13.3
Terre Haute	68,123	5	92	210	3.08	17	.25	8.1
Whiting	11,060	1	22	6	.54			
Iowa:								
Boone	12,991	2	19	40	3.08	2	.15	5.0
Burlington	24,057	7	7	111	4.61	6	.25	5.4
Cedar Rapids	48,849	8	64	37	.76	1	.02	2.7
Clinton	24,151	7	27	273	11.30	10	.41	3.7
Council Bluffs	37,930	7	27	94	2.48	8	.21	8.5
Davenport	59,966	8	55	226	3.77	18	.30	8.0
Dubuque	39,306	5	58	43	1.09	5	.13	11.6
Iowa City	11,570	2	9	17	1.47			
Mason City	22,263	6	18	187	8.40	5	.22	2.7
Muscatine	16,068	4	4	86	5.35			
Sioux City	77,252	5	53	281	3.64	12	.16	4.3
Waterloo	38,685	5	23	46	1.19	1	.03	2.2

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## DIPHTHERIA—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>Kansas:</b>								
Atchison	1 12,630	3	47	55	4.35	2	0.16	3.6
Chanute	10,546			50	4.74	3	.28	6.0
Coffeyville	13,647	7	21	30	2.20	1	.07	3.3
Eldorado	13,020	2	108	18	1.38	1	.06	5.6
Fort Scott	10,751	6	18	141	13.12	2	.19	1.4
Hutchinson	25,083	4	48	49	1.95	1	.04	2.0
Independence	12,313	1	48			3	.24	
Lawrence	12,476	4	21	21	1.68	2	.16	9.5
Leavenworth	1 16,912	8	62	67	3.96	0		
Parsons	16,946	2	96	32	1.89	1	.06	3.1
Pittsburg	18,857	3	43	66	3.50	3	.16	4.5
Topeka	51,902	5	86	465	8.96	18	.35	3.9
Wichita	77,277	8	46	342	4.43	25	.32	7.3
<b>Kentucky:</b>								
Covington	57,661	5	131	123	2.13	8	.14	6.5
Henderson	12,352	2	9	15	1.21	2	.16	13.3
Lexington	43,062	8	49	67	1.56	3	.07	4.5
Newport	1 29,317	7	29	39	1.33	2	.07	5.1
Owensboro	21,486	6	28	69	3.21			
Paducah	25,243	7	35	72	2.85	5	.20	6.9
<b>Louisiana:</b>								
Shreveport	47,957	3	26			6	.13	
<b>Maine:</b>								
Auburn	17,479	4	11	5	.29	1	.06	20.0
Bangor	26,281	4	11	21	.80	2	.08	9.5
Biddeford	18,246	3	34	17	.93	1	.05	5.9
Lewiston	33,219	6	8	37	1.11	5	.15	13.5
Portland	72,027	7	69	217	3.01	13	.18	6.0
Sanford	11,114	5	4	3	.27	1	.09	33.3
Waterville	13,839	4	28	24	1.73	5	.36	20.8
<b>Maryland:</b>								
Annapolis	11,859			3	.25			
Cumberland	31,671	8	54	42	1.33	4	.13	9.5
<b>Massachusetts:</b>								
Adams	1 12,967	6	18	57	4.40	2	.15	3.5
Arlington	20,590	6	28	46	2.23	0		
Attleboro	20,636	5	41	11	.53			
Belmont	12,090	2	31	11	.91	0		
Beverly	23,566	7	16	44	1.87	1	.04	2.3
Braintree	11,228	2	14	18	1.60	0		
Brockton	68,667	7	115	371	5.40	6	.09	1.6
Brookline	40,311	8	41	83	2.06	5	.12	6.0
Chelsea	45,947	8	80	116	2.52	2	.04	1.7
Chicopee	38,997	7	70	78	2.00	10	.26	12.8
Clinton	1 12,979	8	8	4	.31	0		
Danvers	11,546	4	16	50	4.33	4	.35	8.0
Dedham	11,180	3	25	24	2.15			
Easthampton	11,965	4	42	41	3.43	6	.50	14.6
Everett	41,828	8	133	103	2.46	3	.07	2.9
Fitchburg	41,853	7	122	133	3.18	8	.19	6.0
Framingham	18,083	6	12	23	1.27	2	.11	8.7
Gardner	17,556	7	19	41	2.34	0		
Greenfield	16,757	7	19	23	1.37	2	.12	8.7
Haverhill	56,399	8	165	151	2.68	8	.14	5.3
Holyoke	60,839	8	68	129	2.12	21	.35	16.3
Lawrence	96,426	8	153	112	1.16	15	.16	13.4
Leominster	20,302	7	29	17	.84	3	.15	17.6
Malden	50,313	8	175	148	2.94	18	.36	12.2
Marlboro	15,143	6	18	20	1.32	3	.20	15.0
Medford	43,141	8	66	54	1.25	3	.07	5.6
Melrose	18,844	7	41	17	.90	1	.05	5.9
Methuen	16,152	4	24	16	.99	2	.12	12.5
Milford	13,576	6	9	14	1.03	0		
Natick	11,175	5	8	20	1.79	0		
Newburyport	15,789	5	15	6	.38			
Newton	47,662	8	82	63	1.32	3	.06	4.8
North Adams	22,350	8	11	14	.63	1	.04	7.1
Northampton	22,599	8	26	31	1.37	5	.22	16.1
Northbridge	10,524	4	3	3	.29	1	.10	33.3
Norwood	13,815	2	6	34	2.46	2	.14	5.9
Peabody	20,537	7	23	113	5.50	1	.05	.9

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

DIPHTHERIA—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Massachusetts—Continued.								
Pittsfield	44,246	8	37	78	1.76	8	0.18	10.3
Plymouth	13,278	3	29	16	1.21	4	.30	25.0
Quincy	51,799	6	91	95	1.83	1	.02	1.1
Salem	142,529	8	49	87	2.05	5	.12	5.7
Saugus	11,602	3	11	11	.95	1	.09	9.1
Somerville	97,174	8	238	177	1.82	19	.20	10.7
Southbridge	14,670	8	13	20	1.36	2	.14	10.0
Taunton	37,877	6	29	24	.63	3	.08	12.5
Wakefield	13,441	2	29	42	3.12	0	—	—
Waltham	31,708	8	71	96	3.03	5	.16	5.2
Watertown	23,667	7	35	98	4.14	2	.08	2.0
Webster	13,708	7	20	4	.29	0	—	—
Westfield	19,262	8	31	58	3.01	6	.31	10.3
Winchester	10,788	5	8	5	.46	—	—	—
Winthrop	16,825	8	13	9	.53	—	—	—
Woburn	16,899	8	25	41	2.43	2	.12	4.9
Michigan:								
Adrian	12,163	5	6	23	1.89	—	—	—
Ann Arbor	20,726	8	54	102	4.92	10	.48	9.8
Battle Creek	38,970	8	182	174	4.46	1	.03	.6
Bay City	48,169	7	115	103	2.14	5	.10	4.9
Benton Harbor	13,017	5	11	92	7.07	8	.61	8.7
Hamtramck	63,668	2	246	232	3.64	20	.31	8.6
Highland Park	58,222	5	198	78	1.34	6	.10	7.7
Holland	12,618	4	11	29	2.30	—	—	—
Ironwood	16,490	8	20	20	1.21	—	—	—
Ishpeming	10,500	4	29	11	1.05	—	—	—
Jackson	52,737	7	124	85	1.61	1	.02	1.2
Kalamazoo	50,817	7	62	559	11.00	16	.31	2.9
Lansing	63,430	5	115	159	2.51	2	.03	1.3
Muskegon	39,533	6	59	159	4.02	6	.15	3.8
Pontiac	39,356	6	112	106	2.69	0	—	—
Port Huron	27,767	5	68	53	1.91	1	.04	1.9
Saginaw	68,581	6	87	110	1.60	7	.10	6.4
Sault Ste. Marie	12,096	8	27	21	1.74	2	.17	9.5
Minnesota:								
Faribault	11,627	2	22	5	.43	0	—	—
Hibbing	16,119	4	33	30	1.86	2	.12	6.7
Mankato	13,009	5	3	3	.23	—	—	—
Rochester	15,235	1	12	43	2.82	2	.13	4.7
St. Cloud	17,231	4	19	94	5.46	6	.35	6.4
Winona	19,286	4	15	30	1.56	1	.05	3.3
Mississippi:								
Biloxi	11,680	1	13	11	.94	1	.09	9.1
Jackson	23,218	2	36	38	1.64	—	—	—
Missouri:								
Columbia	10,502	—	—	—	—	3	.29	—
Moberly	13,293	3	42	41	3.08	3	.23	7.3
St. Joseph	78,177	6	150	133	1.70	3	.04	2.3
Montana:								
Anaconda	12,063	4	6	—	—	1	.08	—
Butte	42,181	6	42	30	.71	5	.12	16.7
Great Falls	26,739	6	26	132	4.94	16	.60	12.1
Helena	12,037	2	4	2	.17	0	—	—
Nebraska:								
Grand Island	14,699	6	6	4	.27	—	—	—
Lincoln	57,671	8	91	71	1.23	4	.07	5.6
Nevada:								
Reno	12,311	5	2	3	.24	—	—	—
New Hampshire:								
Berlin	17,217	8	7	8	.46	3	.17	37.5
Concord	22,339	8	25	11	.49	1	.04	9.1
Dover	13,029	8	13	7	.54	0	—	—
Keene	11,503	3	3	6	.52	0	—	—
Manchester	80,526	8	102	254	3.15	27	.34	10.6
Nashua	28,990	6	32	22	.76	3	.10	13.6
Portsmouth	14,160	6	19	6	.42	1	.07	16.7
New Jersey:								
Asbury Park	12,978	8	7	8	.62	0	—	—
Atlantic City	51,880	5	41	32	.62	1	.02	3.1
Bayonne	82,214	7	159	138	1.68	15	.18	10.9

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## DIPHTHERIA—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>New Jersey—Continued.</b>								
Belleville.....	17, 145	5	34	24	1. 40			
Bloomfield.....	23, 807	6	40	27	1. 13	1	0. 04	3. 7
Bridgeton.....	14, 351	4	40	18	1. 25	1	. 07	5. 6
Clifton.....	30, 230	2	83	53	1. 75	3	. 10	5. 7
East Orange.....	54, 918	8	81	39	. 71	1	. 02	2. 6
Englewood.....	12, 065	5	19	20	1. 66			
Hackensack.....	18, 568	7	22	29	1. 56	3	. 16	10. 3
Harrison.....	16, 036	7	31	49	3. 06			
Hoboken.....	<sup>1</sup> 68, 166	4	165	123	1. 80	19	. 28	15. 4
Kearny.....	28, 799	8	45	46	1. 60	1	. 03	2. 2
Long Branch.....	13, 577	8	19	9	. 66	3	. 22	3. 3
Montclair.....	30, 678	8	28	31	1. 01	1	. 03	3. 2
Morristown.....	12, 558	8	15	15	1. 19	0		
New Brunswick.....	35, 144	7	51	61	1. 74	3	. 09	4. 9
Orange.....	34, 254	7	73	57	1. 66	1	. 03	1. 8
Passaic.....	66, 177	8	167	181	2. 74	14	. 21	7. 7
Perth Amboy.....	44, 175	8	136	210	4. 75	19	. 43	9. 0
Phillipsburg.....	17, 700	6	41	18	. 74	5	. 28	
Plainfield.....	29, 540	8	42	43	1. 46	4	. 14	9. 3
Rahway.....	11, 480	5	24	37	3. 22	0		
Summit.....	10, 862	2	18	8	. 74	0		
Union.....	<sup>1</sup> 20, 651	2	71	56	2. 42			
West Hoboken.....	41, 277	8	72	66	1. 45	9	. 22	15. 0
West New York.....	34, 139	7	72	59	1. 73	1	. 03	1. 7
West Orange.....	16, 755	7	49	37	2. 21	2	. 12	5. 4
<b>New York:</b>								
Amsterdam.....	34, 104	4	40	214	6. 27	7	. 21	3. 3
Auburn.....	36, 585	7	55	98	2. 68	12	. 33	12. 2
Batavia.....	13, 971	2	8	20	1. 43	1	. 07	5. 0
Binghamton.....	71, 525	7	199	49	. 69	7	. 10	14. 3
Cohoes.....	<sup>1</sup> 22, 987	5	16	44	1. 91	3	. 13	6. 8
Corning.....	16, 363	6	25	6	. 37	0		
Cortland.....	13, 754	7	14	39	2. 84	1	. 07	2. 6
Dunkirk.....	19, 879	7	33	16	. 80	2	. 10	12. 5
Glen's Falls.....	16, 996	5	20	16	. 94	2	. 12	12. 5
Gloversville.....	22, 443	7	11	15	. 67			
Herkimer.....	11, 209	2	23	23	2. 23	2	. 18	8. 7
Hornell.....	15, 383	3	14	5	. 32			
Hudson.....	11, 803	6	16	65	5. 51	0		
Ithaca.....	17, 569	8	4	46	2. 62	6	. 34	13. 0
Jamestown.....	40, 879	6	134	109	2. 67	3	. 07	2. 8
Johnstown.....	11, 026	6	4	4	. 36	1	. 09	25. 0
Lackawanna.....	18, 785	6	69	52	2. 77			
Little Falls.....	13, 223	8	16	124	9. 38	5	. 38	4. 0
Lockport.....	21, 908	4	19	19	. 87	0		
Middletown.....	19, 220	7	32	8	. 42			
Mount Vernon.....	45, 766	8	77	103	2. 25	5	. 11	4. 9
New Rochelle.....	38, 104	6	40	51	1. 34	3	. 09	5. 9
Newburgh.....	31, 024	7	34	17	1. 55	3	. 10	17. 6
Niagara Falls.....	55, 990	8	93	139	2. 48	12	. 21	8. 6
North Tonawanda.....	16, 390	8	29	79	4. 82	1	. 06	1. 3
Olean.....	21, 989	8	50	33	1. 50			
Oneonta.....	12, 120	1	27	4	. 33	2	. 16	50. 0
Oswego.....	23, 691	4	14	49	2. 07	2	. 68	4. 1
Peekskill.....	15, 976	8	38	29	1. 81	5	. 31	17. 2
Plattsburgh.....	<sup>1</sup> 10, 909	6	17	9	. 83	2	. 18	22. 2
Port Chester.....	17, 541	6	33	25	1. 43	2	. 11	8. 0
Poughkeepsie.....	36, 818	6	45	37	1. 00	3	. 08	8. 1
Rensselaer.....	10, 851	6	14	1	1. 29	1	. 09	7. 1
Rome.....	27, 845	8	33	97	3. 48	3	. 11	3. 1
Saratoga Springs.....	<sup>1</sup> 13, 181	7	15	15	1. 14			
Schenectady.....	92, 687	8	123	153	1. 65	10	. 11	6. 5
Troy.....	<sup>1</sup> 72, 013	7	72	127	1. 76	7	. 10	5. 5
Watertown.....	32, 458	8	34	24	. 74	2	. 06	8. 3
Watervliet.....	16, 331	2	23	147	9. 00	6	. 37	4. 1
White Plains.....	22, 046	6	35	20	. 91	1	. 05	5. 0
<b>North Carolina:</b>								
Asheville.....	29, 854	8	24	136	4. 56			
Charlotte.....	49, 511	5	90			5	. 10	
Greensboro.....	<sup>1</sup> 19, 861			65	3. 27			
New Bern.....	12, 206			33	2. 70	4	. 33	12. 1
Raleigh.....	28, 572	5	51	105	3. 67	5	. 17	4. 8
Rocky Mount.....	13, 820	4	13	94	6. 80	2	. 14	2. 1
Wilmington.....	35, 048	7	30	52	1. 48	2	. 06	3. 8
Winston-Salem.....	53, 924	5	81	121	2. 24	7	. 13	5. 8

<sup>1</sup> Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

DIPHTHERIA—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>North Dakota:</b>								
Fargo	23,911	6	31	32	1.34	2	0.08	6.2
Minot	11,469			16	1.40	0		
<b>Ohio:</b>								
Ashtabula	23,911	7	31	23	.96	4	.17	17.4
Barberton	20,844	4	38	51	2.45	5	.24	9.8
Bellaire	15,604	3	22	31	1.99	3	.19	9.7
Bucyrus	11,018	2	73	5	.45	0		
Cambridge	13,524	4	17	10	.74	3	.22	30.0
Canton	95,742	8	111	260	2.72	13	.14	5.0
Chillicothe	16,171	8	39	45	2.78	1	.06	2.2
Cleveland Heights	18,399			13	.71			
Coshocton	11,168	5	11	14	1.25	0		
Cuyahoga Falls	11,791	1	31	28	2.37			
East Cleveland	31,955	5	28	17	.53	1	.03	5.9
East Liverpool	21,674	2	28	34	1.57	5	.23	14.7
East Youngstown	14,050	2	9	117	8.33			
Elyria	22,164	7	35	19	.86	1	.05	5.3
Findlay	17,577	7	17	17	.97	2	.11	11.8
Fremont	13,118	5	12	10	.76	1	.08	10.0
Hamilton	41,005	8	33	32	.78	1	.02	3.1
Ironton	14,227	1	9	51	3.58			
Kenmore	15,946	1	47	29	1.82	1	.06	3.0
Lima	43,777	6	101	112	2.56	9	.21	8.
Lorain	39,661	8	69	69	1.74	1	.03	1.4
Mansfield	29,639	8	16	106	3.58	5	.17	4.7
Marietta	15,195	3	13			6	.39	
Marion	29,991	4	25	96	3.20	7	.23	7.3
Martin's Ferry	12,277	4	36	16	1.30	1	.08	6.2
Middletown	27,457	8	37	34	1.24	2	.07	5.9
Newark	27,056	6	26	131	4.84	5	.18	3.8
Niles	15,094	2	8	70	4.64	4	.27	5.7
Norwood	27,226	8	14	22	.81			
Piqua	15,469	8	12	18	1.16	1	.06	5.6
Salem	10,655	2	20	33	3.10	0		
Sandusky	23,645	8	11	31	1.31	2	.08	6.5
Springfield	64,423	7	51	122	1.89	7	.11	5.7
Steuensville	30,083	8	51	35	1.16	5	.17	14.3
Warren	30,518	7	21	118	3.87	5	.16	4.2
Zanesville	29,965	7	24	97	3.24	4	.13	4.1
<b>Oklahoma:</b>								
Bartlesville	16,638	1	58			1	.06	
Chickasha	10,179	2	8	8	.79			
McAlester	12,095	6	10	14	1.16			
Oklahoma	98,370	7	56	129	1.31	6	.06	4.7
Tulsa	93,558	2	25	120	1.28			
<b>Oregon:</b>								
Astoria	15,167	5	3	4	.26	0		
Eugene	10,879	5	3	57	5.24	2	.18	3.5
<b>Pennsylvania:</b>								
Altoona	63,523	7	141	120	1.89	9	.14	7.5
Ambridge	14,668	2	46	73	4.98	3	.20	4.1
Beaver Falls	12,958	2	21	35	2.70			
Berwick	12,769	1	54	31	2.43			
Bethlehem	58,029	6	81	203	3.50			
Braddock	21,269	6	76	40	1.88	3	.14	7.5
Bradford	15,648	7	4	10	.64			
Butler	24,438	7	102	74	3.03	3	.12	4.1
Canonsburg	11,930	2	23			3	.25	
Carbondale	19,050	7	42	20	1.52	5	.26	17.2
Carlisle	11,074	7	8	9	.81			
Carnegie	11,904	2	19	35	2.94			
Carrick	11,633	2	15	27	2.32	4	.34	14.8
Chambersburg	13,524	5	18	11	.81	2	.15	18.2
Charleroi	12,004	4	21	19	1.58	1	.08	5.3
Chester	62,792	3	89	36	.57	6	.10	16.7
Coatesville	15,398	5	14	6	.39	1	.06	16.7
Connellsville	14,050	6	12	34	2.42	3	.21	8.8
Donora	15,449	2	26	32	2.07	5	.32	15.6
Easton	35,175	7	52	67	1.90	3	.09	4.5
Farrell	16,924	5	45	9	.53	3	.18	33.3
Harrisburg	79,963	8	138	202	2.53	9	.11	4.5

1 Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## DIPHTHERIA—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Pennsylvania—Continued.								
Hazleton	34,034	7	66	55	1.62	9	0.26	16.4
Homestead	28,900	8	38	25	1.20			
Jeanette	11,133	2	22	24	2.16		.18	8.3
Johnstown	69,212	8				15	.22	
Lancaster	54,875	8	109	165	3.02	10	.18	6.1
McKeesport	47,834	8	84	58	1.21	11	.23	19.0
Monessen	19,585	6	77	106	5.42	7	.36	6.6
Mount Carmel	17,469	1	38	36	2.06			
Nanticoke	23,577	7	52	47	1.99			
New Castle	47,166	8	68	63	1.34			
Norristown	33,462	8	64	60	1.79	7	.21	11.7
North Braddock	15,726	6	42	36	2.29	3	.19	8.3
Oil City	22,177	6	41	13	.59			
Olyphant	10,681	3	14	12	1.12	8	.75	66.7
Phoenixville	16,484	2	15	8	.76			
Pittston	19,070	7	20	15	.79			
Plymouth	16,500	8	29	45	2.73			
Shamokin	21,452			18	.84	5	.23	27.8
Sharon	23,206	4	34	11	.47	1	.04	9.1
Shenandoah	24,726	4	59	70	2.83	7	.28	10.0
Steelton	13,428	8	19	56	4.17	1	.07	1.8
Sunbury	16,224	6	49	22	1.36			
Swissvale	11,816	2	34	32	2.71	3	.25	9.4
Tamaqua	13,108	5	48	14	1.07	1	.08	7.1
Uniontown	15,692	5	27	59	3.76			
Warren	14,655	8	21	34	2.32	1	.07	2.9
Washington	22,175	7	29	57	2.57			
West Chester	11,717	8	11	13	1.11	4	.34	30.8
Wilkinsburg	25,761	4	35	33	1.28	6	.23	18.2
Williamsport	37,315	4	117	74	1.98	2	.05	2.7
Woodlawn	15,453	2	16	25	1.62	1	.08	4.0
York	48,222	6	151	116	2.41	4	.08	3.4
Rhode Island:								
Cranston	31,543	8	35	15	.48			
Newport	31,054	8	40	113	3.64	4	.13	3.5
South Carolina:								
Columbia	39,070	4	67	71	1.82			
Greenville	25,028	7	16	57	2.28	2	.08	3.5
Spartanburg	23,956	5	24	44	1.84	3	.13	6.8
South Dakota:								
Aberdeen	15,460	2	98	53	3.43			
Sioux Falls	28,062	6	20	120	4.28	3	.11	2.5
Tennessee:								
Jackson	19,343	3	24	46	2.38			
Knoxville	85,572	5	102	77	.90	8	.09	10.4
Texas:								
Abilene	10,357			24	232	1	.10	4.2
Amarillo	16,532	4	13	27	1.63	0		
Austin	36,167	6	67	35	.97	4	.11	11.4
Beaumont	44,954	4	18	34	.76	3	.07	8.8
Cleburne	13,490	3	27	2	.15	0		
Galveston	46,128	6	49	63	1.37	2	.04	3.2
Marshall	14,997	5	30	25	1.67			
Paris	16,010			11	.69	1	.06	9.1
San Angelo	10,050					2	.20	
Tyler	12,518	4	16	11	.88	0		
Waco	40,733	5	51	85	2.09	3	.07	3.5
Wichita Falls	48,237	1	2			2	.04	
Utah:								
Ogden	34,652	7	26	33	.95	5	.14	15.2
Vermont:								
Barre	10,008	5	4	8	.80	1	.10	12.5
Burlington	23,375	5	27	42	1.80	1	.04	2.4
Rutland	15,317	7	11	3	.20	1	.07	33.3
Virginia:								
Alexandria	18,248	5	6	24	1.32	2	.11	8.3
Danville	22,187	6	39	113	5.09	2	.09	1.8
Lynchburg	30,218	7	46	119	3.94	3	.10	2.5
Newport News	35,596	7	15	38	1.07	5	.14	13.2
Petersburg	33,585	5	69	101	3.01	6	.18	5.9
Portsmouth	56,497	6	67	92	1.63	6	.11	6.5

1 Population Jan. 1, 1920

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

DIPHTHERIA—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Washington:								
Aberdeen.....	15,718	6	2	4	0.25	2	0.13	50.0
Bellingham.....	25,878	6	4	16	.62	3	.12	18.7
Everett.....	28,397	7	8	22	.77	5	.18	22.7
Walla Walla.....	15,503	1	1	5	.32	1	.06	20.0
Yakima.....	19,687	7	10	17	.86	0		
West Virginia:								
Bluefield.....	16,302	4	38	113	6.93	3	.18	2.7
Charleston.....	43,886	5	91	117	2.67	5	.11	4.3
Clarksburg.....	29,019	1	234	108	3.72	2	.07	1.9
Fairmont.....	19,264	5	69	96	4.98			
Huntington.....	56,135			156	2.78	6	.11	3.8
Martinsburg.....	12,983	3	39	13	1.00	2	.15	15.4
Moundsville.....	11,120	4	7	10	.90	1	.09	10.0
Wheeling.....	56,208	8	71	107	1.90	6	.11	5.6
Wisconsin:								
Appleton.....	20,279	4	11	110	5.42	4	.20	3.6
Ashland.....	11,334	5	16	10	.88			
Beloit.....	22,869	8	30	39	1.71	1	.04	2.6
Eau Claire.....	21,574	8	26	26	1.21			
Fond du Lac.....	24,618	8	11	28	1.14	0		
Green Bay.....	32,505	6	31	108	3.32	3	.09	2.8
Janesville.....	19,426	7	8	26	1.34	2	.10	7.7
Kenosha.....	44,858	7	71	139	3.10	7	.16	5.0
La Crosse.....	30,421	8	49	16	.53	1	.03	6.2
Madison.....	41,336	8	27	85	2.06	4	.10	4.7
Marinette.....	13,610	8	9	18	1.32	2	.15	11.1
Oshkosh.....	33,187	7	24	52	1.57	0		
Racine.....	62,736	6	49	199	3.17	9	.14	4.5
Sheboygan.....	32,128	4	24	227	7.07	15	.47	6.6
Superior.....	139,671	7	52	38	.96	4	.10	10.5
Wausau.....	19,453	8	8	55	2.82	3	.15	5.5
West Allis.....	15,573	2	66	37	2.38			
Wyoming:								
Cheyenne.....	14,437	4	35	15	1.04	5	.35	33.3

INFLUENZA.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Anniston.....	19,004	5	0.26	3	0.16	1.7
Bessemer.....	20,174	9	.45	2	.10	4.5
Mobile.....	62,978			16	.25	4.4
Montgomery.....	44,834	22	.49	5	.11	4.4
Arizona:						
Phoenix.....	32,514			4	.12	
Tucson.....	23,175			6	.26	
Arkansas:						
Fort Smith.....	30,131	45	1.49	0		
Little Rock.....	69,266	204	2.95	2	.03	102.0
North Little Rock.....	14,796	11	.74	3	.20	3.7
California:						
Alameda.....	30,201	429	14.20	1	.03	429.0
Bakersfield.....	20,160	88	4.36	14	.69	6.3
Berkeley.....	61,388	1,748	28.47	17	.28	102.8
Eureka.....	13,200	155	11.74	2	.15	77.5
Fresno.....	53,207			14	.26	
Glendale.....	16,950	399	23.54	6	.35	66.5
Long Beach.....	65,322	255	3.90	6	.09	42.5
Pasadena.....	51,796	821	15.86	5	.10	164.2
Pomona.....	14,353	497	34.63	4	.28	124.2
Riverside.....	20,404	201	9.85			

1 Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## INFLUENZA—Continued.

City	Estimated population, July 1, 1922.	Cases reported, 1922	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>California—Continued.</b>						
Sacramento	68,795	309	4.49	27	0.39	11.4
San Bernardino	20,251			4	.20	
San Diego	83,528	1,356	16.23	69	.83	19.7
San Jose	41,260	177	4.29	9	.22	19.7
Santa Ana	17,300	479	27.69	6	.35	79.8
Santa Cruz	10,917	196	17.95	6	.55	32.7
Santa Monica	17,157	80	4.66	5	.29	16.0
Stockton	43,702	68	1.56			
Venice	12,255	11	.90			
<b>Colorado:</b>						
Boulder	11,384	7	.61			
Colorado Springs	30,105	30	1.00	14	.47	2.1
Grealey	11,673			2	.17	
Pueblo	43,385			5	.12	
Trinidad	10,956			3	.27	
<b>Connecticut:</b>						
Bristol	22,453	12	.53			
Fairfield	12,851	6	.47	3	.23	2.0
Greenwich	23,580	43	1.82	5	.21	8.6
Manchester	19,588	45	2.30	3	.15	15.0
Meriden	35,458	246	6.94			
Milford	11,693	5	.43	1	.09	5.0
New Britain	63,281	619	9.78	5	.08	123.8
New London	27,240	28	1.03	4	.15	7.0
Norwich	22,674	8	.35	2	.09	4.0
Orange	17,989			1	.06	
Stamford	37,659	8	.21	3	.08	2.7
Stratford	14,055	1	.07	0		
Waterbury	96,498	57	.59	21	.22	2.7
<b>Florida:</b>						
Miami	35,776	22	.61	1	.03	22.0
St. Petersburg	22,353	7	.31			
Tampa	54,781	106	1.93	9	.16	11.8
<b>Georgia:</b>						
Albany	12,383	10	.81	1	.08	10.0
Athens	17,220	439	25.49	4	.23	109.8
Augusta	53,774	28	.52	3	.06	9.3
Brunswick	15,501	70	4.52	2	.13	35.0
Macon	55,378	30	.54	2	.04	15.0
Rome	13,548	296	21.85	7	.52	42.3
Savannah	87,678	160	1.82	27	.31	5.9
<b>Illinois:</b>						
Alton	25,642	19	.74			
Aurora	37,950	17	.45	0		
Berwyn	16,288	1	.06	0		
Bloomington	29,428			13	.44	
Blue Island	12,178	7	.57	3	.25	2.3
Champaign	17,186	10	.58			
Chicago Heights	20,773			2	.10	
Cicero	52,833	11	.21	0		
Danville	35,197			7	.20	
East St. Louis	68,883	3	.04			
Elgin	27,835			2	.07	
Evanston	40,256	6	.15	0		
Forest Park	11,843	20	1.69			
Freeport	20,132	9	.45			
Galesburg	24,282			1	.04	
Granite City	15,852	1	.06			
Herrin	12,048			5	.42	
Jacksonville	15,811	4	.25	0		
La Salle	13,439	10	.74	0		
Mattoon	14,091	1	.07			
Maywood	13,060	4	.31			
Moline	32,177	67	2.08	4	.12	16.7
Oak Park	45,114	32	.71	0		
Pekin	12,649	35	2.77	3		
Peoria	78,731			0	.04	
Quincy	37,478	35	.93	0		
Rockford	70,485	27	.38	2	.03	13.5
Rock Island	37,403	13	.35	1	.08	4.3
Springfield	61,076	9	.15	1	.13	1.1
Streator	14,914	1	.07	0		
Waukegan	20,039	1	.05			

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## INFLUENZA—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Indiana:						
Anderson	31,625	11	0.35	-----	-----	-----
Bloomington	12,046	4	.33	-----	-----	-----
Clinton	12,180	-----	-----	1	0.08	-----
East Chicago	40,336	-----	-----	10	.25	-----
Elwood	10,890	-----	-----	3	.28	-----
Fort Wayne	91,549	-----	-----	5	.05	-----
Gary	65,146	-----	-----	8	.12	-----
Hammond	44,721	-----	-----	12	.27	-----
Huntington	14,870	-----	-----	3	.20	-----
Jeffersonville	<sup>1</sup> 10,098	1	.10	-----	-----	-----
Kokomo	33,420	-----	-----	9	.27	-----
Laporte	16,241	-----	-----	3	.18	-----
Logansport	22,236	-----	-----	3	.13	-----
Marion	24,895	32	1.29	3	.12	10.7
Muncie	39,236	-----	-----	7	.18	-----
Peru	12,533	-----	-----	9	.72	-----
Richmond	28,124	-----	-----	1	.04	-----
Terre Haute	68,123	-----	-----	13	.19	-----
Iowa:						
Boone	12,991	-----	-----	1	.08	-----
Burlington	<sup>1</sup> 24,057	7	.29	3	.12	2.3
Cedar Rapids	48,849	-----	-----	11	.23	-----
Clinton	<sup>1</sup> 24,151	-----	-----	3	.12	-----
Council Bluffs	37,930	2	.05	1	.03	2.0
Davenport	59,966	-----	-----	13	.22	-----
Dubuque	39,306	-----	-----	3	.08	-----
Kansas:						
Atchison	<sup>1</sup> 12,630	3	.24	-----	-----	-----
Coffeyville	13,647	4	.29	3	.22	1.3
Edorado	13,020	-----	-----	2	.15	-----
Fort Scott	10,751	-----	-----	2	.19	-----
Hutchinson	25,083	29	1.16	4	.16	7.3
Independence	12,313	-----	-----	2	.16	-----
Lawrence	12,476	-----	-----	3	.24	-----
Parsons	16,946	2	.12	0	-----	-----
Pittsburg	18,857	12	.64	6	.32	2.0
Topeka	51,902	116	2.23	11	.21	10.5
Wichita	77,277	73	.94	10	.13	7.3
Kentucky:						
Covington	57,661	80	1.39	14	.24	5.7
Henderson	12,352	798	64.60	1	.08	798.0
Lexington	43,062	18	.42	5	.12	3.6
Owensboro	21,486	104	4.84	-----	-----	-----
Paducah	25,243	-----	-----	2	.08	-----
Louisiana:						
Shreveport	47,957	-----	-----	21	.44	-----
Maine:						
Auburn	17,479	9	.51	0	-----	-----
Bangor	26,281	1	.04	0	-----	-----
Bath	16,104	17	1.06	0	-----	-----
Biddeford	18,246	19	1.04	1	.05	19.0
Lewiston	33,219	76	2.29	5	.15	15.2
Portland	72,027	119	1.65	9	.12	13.2
Sanford	11,114	2	.18	-----	-----	-----
Waterville	13,839	-----	-----	1	.07	-----
Maryland:						
Annapolis	11,859	12	1.01	-----	-----	-----
Cumberland	31,671	150	4.74	4	.13	37.5
Massachusetts:						
Adams	<sup>1</sup> 12,967	7	.54	1	.08	7.0
Arlington	20,590	55	2.67	1	.05	55.0
Attleboro	20,636	149	7.22	1	.05	149.0
Belmont	12,090	31	2.56	1	.08	31.0
Beverly	23,566	7	.30	1	.04	7.0
Braintree	11,228	130	11.58	0	-----	-----
Brockton	68,667	6	.09	1	.01	6.0
Brookline	40,311	42	1.04	2	.05	21.0
Chelsea	45,947	47	1.02	3	.07	15.7
Chicopee	38,997	-----	-----	2	.05	-----
Clinton	<sup>1</sup> 12,979	-----	-----	2	.15	-----
Danvers	11,546	9	.78	-----	-----	-----
Dedham	11,180	7	.63	-----	-----	-----
Easthampton	11,965	2	.17	-----	-----	-----

<sup>1</sup>Population Jan. 1, 1920

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## INFLUENZA—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Massachusetts—Continued.</b>						
Everett.....	41,828	310	7.41	4	0.10	77.5
Fitchburg.....	41,853	31	.74	4	.10	7.7
Framingham.....	18,083	43	2.38	1	.06	43.0
Greenfield.....	16,757	12	.72	6	.36	2.0
Haverhill.....	56,399	289	5.12	5	.09	57.8
Holyoke.....	60,839	18	.30	3	.05	6.0
Lawrence.....	96,426	11	.11	7	.07	1.6
Leominster.....	20,302	38	1.87	3	.15	12.7
Malden.....	50,313	44	.87	2	.04	22.0
Marlboro.....	15,143	.....	.....	2	.13	.....
Medford.....	43,141	4	.09	1	.....	4.0
Melrose.....	18,844	6	.32	0	.....	.....
Methuen.....	16,152	2	.12	0	.....	.....
Natick.....	11,175	3	.27	0	.....	.....
Newburyport.....	15,789	16	1.01	.....	.....	.....
Newton.....	47,662	31	.65	9	.19	3.4
North Adams.....	22,350	8	.36	0	.....	.....
Northampton.....	22,599	9	.40	2	.09	4.5
Northbridge.....	10,524	.....	.....	1	.10	.....
Norwood.....	13,815	.....	.....	1	.07	.....
Peabody.....	20,537	44	2.14	.....	.....	.....
Pittsfield.....	44,246	26	.59	0	.....	.....
Plymouth.....	13,278	2	.15	.....	.....	.....
Quincy.....	51,799	93	1.80	6	.12	15.5
Salem.....	42,529	12	.28	4	.09	3.0
Saugus.....	11,602	195	16.81	1	.09	195.0
Somerville.....	97,174	156	1.61	5	.05	31.2
Southbridge.....	14,670	47	3.20	4	.27	11.7
Taunton.....	37,877	4	.11	1	.03	4.0
Wakefield.....	13,441	4	.30	0	.....	.....
Waltham.....	31,708	28	.88	1	.03	28.0
Watertown.....	23,667	18	.76	1	.04	18.0
Webster.....	13,708	13	.95	0	.....	.....
Westfield.....	19,262	.....	.....	1	.05	.....
Winchester.....	10,788	2	.19	.....	.....	.....
Winthrop.....	16,825	30	1.73	2	.12	15.0
Woburn.....	16,899	29	1.72	6	.36	4.8
<b>Michigan:</b>						
Bay City.....	48,169	3	.06	0	.....	.....
Benton Harbor.....	13,017	.....	.....	17	1.31	.....
Hamtramck.....	63,668	.....	.....	2	.06	.....
Highland Park.....	58,222	24	.41	4	.03	12.0
Ishpeming.....	10,500	14	1.33	1	.10	14.0
Jackson.....	52,737	2	.04	1	.02	2.0
Lansing.....	63,430	.....	.....	4	.06	.....
Muskegon.....	39,533	6	.15	4	.10	1.5
Pontiac.....	39,356	10	.25	1	.03	10.0
Port Huron.....	27,767	3	.11	1	.04	3.0
Saginaw.....	68,581	21	.31	2	.03	10.5
Sault Ste. Marie.....	12,096	4	.33	0	.....	.....
<b>Minnesota:</b>						
Faribault.....	11,627	.....	.....	9	.77	.....
Hibbing.....	16,119	.....	.....	2	.12	.....
Rochester.....	15,235	.....	.....	2	.13	.....
St. Cloud.....	17,231	.....	.....	2	.12	.....
Winona.....	19,286	22	1.14	2	.10	11.0
<b>Mississippi:</b>						
Biloxi.....	11,680	239	20.46	7	.60	34.1
Jackson.....	23,218	2,048	88.21	8	.34	256.0
<b>Missouri:</b>						
Columbia.....	10,502	.....	.....	6	.57	.....
Moberly.....	13,293	.....	.....	7	.53	.....
St. Joseph.....	78,177	.....	.....	13	.17	.....
<b>Montana:</b>						
Butte.....	42,181	.....	.....	4	.09	.....
Great Falls.....	26,739	31	1.16	23	.86	1.3
Helena.....	12,037	18	1.50	4	.33	4.5
Missoula.....	12,668	784	61.89	2	.16	392.0
<b>Nebraska:</b>						
Lincoln.....	57,671	.....	.....	2	.03	.....
<b>Nevada:</b>						
Reno.....	12,311	325	26.40	5	.41	65.0

<sup>1</sup>Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

INFLUENZA—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
New Hampshire:						
Dover.....	1 13,029	1	0.08	0		
Manchester.....	80,526			28	0.35	
Nashua.....	28,990			1	.03	
Portsmouth.....	14,160	15	1.06			
New Jersey:						
Asbury Park.....	12,978	9	.69	1	.06	9.0
Atlantic City.....	51,880	7	.13	2	.04	3.5
Bayonn.....	82,214	19	.23	16	.19	1.2
Belkville.....	17,145	14	.82			
Bloomfield.....	23,807	17	.71	1	.04	
Bridgeton.....	14,351	4	.28	3	.21	1.3
Clifton.....	30,230	27	.89			
East Orange.....	54,918	69	1.26	12	.22	5.7
Englewood.....	12,065			1	.08	
Hackensack.....	18,598	25	1.34	1	.05	25.0
Harrison.....	16,036	35	2.18			
Hoboken.....	1 68,166			4	.06	
Kearny.....	28,799	350	12.15	1	.03	350.0
Long Branch.....	13,577	10	.74	0		
Montclair.....	30,678	133	4.34	3	.10	44.3
Morristown.....	12,558	13	1.04	0		
Orange.....	34,254	103	3.01	1	.03	103.0
Passaic.....	66,177	253	3.82	6	.09	42.1
Perth Amboy.....	44,175			1	.02	
Phillipsburg.....	17,700			2	.11	
Plainfield.....	29,540	70	2.37	13	.44	5.4
Rahway.....	11,480			2	.17	
Summit.....	10,862	16	1.47	0		
West Hoboken.....	41,277			2	.05	
West New York.....	34,139	3	.09	2	.06	1.5
West Orange.....	16,755	69	4.12	1	.06	69.0
New York:						
Amsterdam.....	34,104	423	12.40	1	.03	423.0
Auburn.....	36,585	11	.30	3	.08	3.7
Batavia.....	13,971			1	.07	
Binghamton.....	71,525	436	6.10	7	.10	62.3
Cohoes.....	1 22,987	414	18.01			
Cortland.....	13,754	14	1.02	1	.07	14.0
Dunkirk.....	19,879	49	2.46	6	.30	8.2
Glens Falls.....	16,996			1	.06	
Hornell.....	15,388	5	.32	2	.13	2.5
Hudson.....	11,803	8	.68	0		
Ithaca.....	17,569	20	1.14	4	.23	5.0
Jamestown.....	40,879	255	6.24	3	.07	85.0
Johnstown.....	11,026	34	3.08	0		
Lackawanna.....	18,785	5	.27	1	.05	5.0
Little Falls.....	13,223	154	11.65	1	.08	154.0
Lockport.....	21,908	3	.14	1	.05	3.0
Middletown.....	19,220	98	5.10	2	.10	49.0
Mount Vernon.....	45,766	619	13.52	9	.20	68.8
New Rochelle.....	38,104	14	.37	2	.05	7.0
North Tonawanda.....	16,390	49	2.99			
Olean.....	21,989	36	1.73	4	.18	9.5
Oneonta.....	12,120	28	2.31	2	.16	14.0
Peekskill.....	15,976	203	12.71	1	.06	203.0
Plattsburg.....	1 10,909			6	.55	
Port Chester.....	17,541	10	.57	6	.34	1.7
Poughkeepsie.....	36,818	50	1.36	4	.11	12.5
Rome.....	27,845	7	.25	3	.11	2.3
Saratoga Springs.....	1 13,181	517	39.22	1	.08	517.0
Schenectady.....	92,687	51	.55	10	.11	5.1
Watertown.....	32,458	64	1.97	5	.15	12.8
Watervliet.....	16,331	5	.31			
White Plains.....	22,046	115	5.22	2	.09	57.5
North Carolina:						
Asheville.....	29,854	65	2.18	15	.50	4.3
Charlotte.....	49,511			18	.36	
Greensboro.....	1 19,861			9	.45	
Raleigh.....	28,572			8	.28	
Rocky Mount.....	13,820			3	.22	
Wilmington.....	35,048	29	.83	15	.43	1.9
Winston-Salem.....	53,924			14	.26	
North Dakota:						
Minot.....	11,469			1	.09	

<sup>1</sup>Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## INFLUENZA—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Ohio:						
Ashtabula.....	23,911	12	0.50	3	6.13	4.0
Barberton.....	20,844	3	.14	2	.10	1.5
Bellaire.....	15,604	20	1.28	1	.06	20.0
Bucyrus.....	11,018	.....	.....	1	.09	.....
Cambridge.....	13,524	2	.15	.....	.....	.....
Canton.....	95,742	.....	.....	6	.06	.....
Chillicothe.....	16,171	38	2.35	.....	.....	.....
Cleveland Heights.....	18,399	2	.11	.....	.....	.....
Coshocton.....	11,168	.....	.....	5	.45	.....
Cuyahoga Falls.....	11,791	4	.34	2	.17	2.0
East Cleveland.....	31,955	17	.53	2	.06	.....
East Liverpool.....	21,674	.....	.....	4	.18	.....
East Youngstown.....	14,050	6	.43	.....	.....	.....
Findlay.....	17,577	12	.68	3	.17	4.0
Fremont.....	13,118	.....	.....	.....	.....	.....
Hamilton.....	41,005	22	.54	2	.05	11.0
Ironton.....	14,227	23	1.62	.....	.....	.....
Kenmore.....	15,946	35	2.19	1	.06	35.0
Lima.....	43,777	.....	.....	9	.21	.....
Lorain.....	39,661	2	.05	.....	.....	.....
Mansfield.....	29,639	20	.67	1	.03	20.0
Marletta.....	15,195	.....	.....	1	.07	.....
Marion.....	29,991	.....	.....	3	.10	.....
Newark.....	27,056	8	.30	2	.07	4.0
Norwood.....	27,226	7	.26	3	.11	2.3
Piqua.....	15,469	2	.13	0	.....	.....
Salem.....	10,655	.....	.....	1	.09	.....
Sandusky.....	23,645	1	.04	.....	.....	.....
Springfield.....	64,423	.....	.....	13	.20	.....
Steubenville.....	30,083	.....	.....	3	.10	.....
Zanesville.....	29,965	.....	.....	6	.20	.....
Oklahoma:						
Bartlesville.....	16,638	.....	.....	7	.42	.....
Oklahoma.....	98,370	.....	.....	14	.14	.....
Oregon:						
Astoria.....	15,167	.....	.....	2	.13	.....
Eugene.....	10,879	49	4.50	5	.46	9.8
Pennsylvania:						
Bradford.....	15,648	10	.64	.....	.....	.....
Butler.....	24,438	1	.04	.....	.....	.....
Canonsburg.....	11,930	.....	.....	3	.25	.....
Carbondale.....	19,050	.....	.....	1	.05	.....
Carrick.....	11,633	.....	.....	1	.09	.....
Chambersburg.....	13,524	.....	.....	5	.37	.....
Charleroi.....	12,004	.....	.....	1	.08	.....
Chester.....	62,792	.....	.....	7	.11	.....
Connellsville.....	14,050	.....	.....	2	.14	.....
Harrisburg.....	79,983	.....	.....	3	.04	.....
Johnstown.....	69,212	.....	.....	15	.22	.....
Lancaster.....	54,675	.....	.....	6	.11	.....
Monessen.....	19,555	.....	.....	1	.05	.....
Norristown.....	33,462	.....	.....	2	.06	.....
Oil City.....	22,177	1	.05	.....	.....	.....
Sharon.....	23,208	.....	.....	3	.13	.....
Sunbury.....	16,224	42	2.59	.....	.....	.....
Tamaqua.....	13,108	.....	.....	1	.08	.....
Warren.....	14,655	.....	.....	9	.61	.....
West Chester.....	11,717	.....	.....	2	.17	.....
Williamsport.....	37,315	.....	.....	3	.08	.....
Woodlawn.....	15,453	34	2.20	3	.19	11.3
Rhode Island:						
Cranston.....	31,543	.....	.....	4	.13	.....
Newport.....	31,054	4	.13	2	.66	2.0
South Carolina:						
Columbia.....	39,070	1,457	37.29	.....	.....	.....
Greenville.....	25,628	235	9.39	2	.08	117.5
Spartanburg.....	23,956	300	12.52	4	.17	75.0
South Dakota:						
Sioux Falls.....	28,062	20	.71	0	.....	.....
Tennessee:						
Jackson.....	19,343	672	34.74	.....	.....	.....
Knoxville.....	65,572	.....	.....	28	.33	.....

<sup>1</sup> Population Jan 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

INFLUENZA—Continued.

City	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Texas:</b>						
Abilene.....	10,357	1,500	144.83	10	0.97	150.0
Amarillo.....	16,532	21	1.27	4	.24	5.2
Austin.....	36,167	70	1.94	18	.50	3.9
Beaumont.....	44,954	133	2.96	5	.11	26.6
Cleburne.....	13,430			1	.07	
Del Rio.....	10,589			4	.38	
Galveston.....	46,128			1	.02	
San Angelo.....	10,050			1	.10	
Waco.....	40,733	1	.02	0		
Wichita Falls.....	48,287			11	.23	
<b>Utah:</b>						
Ogden.....	34,652			5	.14	
<b>Vermont:</b>						
Barre.....	10,008	1	.10	0		
Rutland.....	15,317	2	.13			
<b>Virginia:</b>						
Alexandria.....	18,248	13	.71	2	.11	6.5
Danville.....	22,187	25	1.13	17	.77	1.5
Lynchburg.....	30,218			7	.23	
Petersburg.....	33,585	118	3.51	7	.21	16.9
Portsmouth.....	56,497			7	.12	
<b>Washington:</b>						
Aberdeen.....	15,718	150	9.54			
Everett.....	28,397			1	.04	
Vancouver.....	13,495			1	.07	
Walla Walla.....	15,503	20	1.29	11	.71	1.8
Yakima.....	19,687			10	.51	
<b>West Virginia:</b>						
Bluefield.....	16,302			8	.49	
Charleston.....	43,886	67	1.53	0		
Clarksburg.....	29,019	19	.65	0		
Fairmont.....	19,264	183	9.50			
Huntington.....	56,135	433	7.71	13	.23	33.3
Wheeling.....	56,208			4	.07	
<b>Wisconsin:</b>						
Appleton.....	20,279	3	.15	1	.05	3.0
Beloit.....	22,869	8	.35	0		
Eau Claire.....	21,574	8	.37			
Fond du Lac.....	24,618	7	.28	2	.08	3.5
Green Bay.....	32,505	3	.09	2	.06	1.5
Kenosha.....	44,858	28	.62	0		
La Crosse.....	30,421	50	1.64	0		
Madison.....	41,336	21	.51	3	.07	7.0
Marinette.....	13,610			7	.51	
Oshkosh.....	33,187	5	.15	0		
Racine.....	62,736	8	.13	7	.11	1.1
Sheboygan.....	32,128			2	.06	
Wausau.....	19,453	6	.31	4	.21	1.5
West Allis.....	15,573	2	.13			
<b>Wyoming:</b>						
Cheyenne.....	14,437	18	1.25	5	.35	3.6

MALARIA.

<b>Alabama:</b>						
Anniston.....	19,004	17	0.89	1	0.05	17.0
Mobile.....	62,978			10	.16	
Montgomery.....	44,834	29	.65	4	.09	7.2
<b>Arkansas:</b>						
Fort Smith.....	30,131	9	.30	4	.13	2.2
Little Rock.....	69,266	134	1.93	11	.16	12.2
North Little Rock.....	14,796	12	.81	5	.34	2.4
<b>California:</b>						
Alameda.....	30,201	2	.07	0		
Bakersfield.....	20,160	2	.10	1	.05	2.0
Berkeley.....	61,388	2	.03	0		
Long Beach.....	65,322	2	.03	0		
Sacramento.....	68,795	18	.26	0		
Santa Ana.....	17,300	1	.06			
Santa Monica.....	17,157	1	.06			

<sup>1</sup> Population Jan. 1, 1923.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## MALARIA—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Connecticut:</b>						
Greenwich	23,580	1	0.04	0		
Manchester	19,588	3	.15	0		
New Britain	63,281	13	.21	0		
Stratford	14,055	1	.07	0		
<b>Florida:</b>						
Miami	35,776	2	.06	1	0.03	2.0
St. Petersburg	22,353	7	.31			
Tampa	54,781	125	2.28	9	.16	13.9
<b>Georgia:</b>						
Albany	12,383	111	8.96	4	.32	27.7
Athens	17,220	3	.17			
Augusta	53,774	90	1.67	11	.20	8.2
Brunswick	15,501	29	1.87	5	.32	5.8
Macon	55,378			12	.22	
Rome	13,548	6	.44	1	.67	6.0
Savannah	87,678	87	.99	13	.15	6.7
<b>Illinois:</b>						
Alton	25,642	1	.04			
East St. Louis	68,883	8	.12	1	.01	8.9
Granite City	15,852	5	.32			
Herrin	12,048			1	.08	
Jacksonville	15,811	1	.06	0		
Rockford	70,485	2	.03			
<b>Indiana:</b>						
Laporte	16,241	8	.49			
Marion	24,895			1	.04	
<b>Kansas:</b>						
Coffeyville	13,647	1	.07	0		
Hutchinson	25,083	2	.08			
Independence	12,313			1	.08	
Parsons	16,946	1	.06	0		
Topeka	51,902	3	.06			
Wichita	77,277			1	.61	
<b>Kentucky:</b>						
Owensboro	21,486	10	.47			
Paducah	25,243			3	.12	
<b>Massachusetts:</b>						
Brockton	68,667			1	.01	
Everett	41,828	1	.02			
Haverhill	56,399	2	.04	0		
Malden	50,313	1	.02	0		
Milford	13,576	3	.22	0		
Newburyport	15,789	1	.06			
Northampton	22,599	1	.04	0		
Northbridge	10,524	6	.57	0		
Pittsfield	44,246	1	.02	0		
Westfield	19,262	1	.05			
<b>Michigan:</b>						
Muskegon	39,533	10	.25	0		
Saginaw	68,581	11	.16	0		
<b>Minnesota:</b>						
Rochester	15,235	2	.13	0		
<b>Mississippi:</b>						
Biloxi	11,680	24	2.65	0		
Jackson	23,218	1,470	63.31	2	.09	735.0
<b>Missouri:</b>						
St. Joseph	78,177			1	.01	
<b>New Jersey:</b>						
Montclair	30,678	2	.07			
Passaic	66,177	3	.05	0		
Summit	10,862	1	.09	0		
West New York	34,139	1	.03			
West Orange	16,755	2	.12	0		
<b>New York:</b>						
Amsterdam	34,104	9	.26	0		
Middletown	19,220	2	.10			
Newburgh	31,024	1	.03	0		
<b>North Carolina:</b>						
Charlotte	49,511			3	.06	
New Bern	12,206			7	.57	
Raleigh	28,572			1	.03	
Rocky Mount	13,820			1	.07	
Wilmington	35,048	4	.11	0		
Winston-Salem	53,924	1	.02			

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MALARIA—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Ohio:						
Findlay.....	17,577	1	0.06	0		
Oklahoma:						
Oklahoma.....	98,370			6	0.06	
Pennsylvania:						
Lancaster.....	54,675	2	.04			
South Carolina:						
Greenville.....	25,028	1	.04			
Spartanburg.....	23,956	3	.13	0		
Texas:						
Austin.....	36,167	27	.75	1	.03	27.0
Beaumont.....	44,954			7	.16	
Del Rio.....	10,589			1	.09	
Galveston.....	46,128			1	.02	
Waco.....	40,733	3	.07	1	.02	3.0
Virginia:						
Alexandria.....	18,248	5	.27	0		
Portsmouth.....	56,497			4	.07	

MEASLES.

City.	Estimated population, July 1, 1922.	Median.		1922.				Fatalities per 100 cases.
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	
Alabama:								
Anniston.....	19,004	5	34	4	0.21	0		
Arizona:								
Phoenix.....	32,514	1	6	3	.09	0		
Tucson.....	23,175	4	30	6	.26	0		
Arkansas:								
Fort Smith.....	30,131	2	57	7	.23	1	0.03	14.3
Little Rock.....	69,266	6	334	6	.09	0		
North Little Rock.....	14,796	2	109	7	.47	0		
California:								
Alameda.....	30,201	8	178	16	.53	0		
Bakersfield.....	20,160	7	28	8	.40	0		
Eureka.....	13,200	7	24	38	2.88	0		
Fresno.....	53,207	6	56	19	.36	0		
Glendale.....	16,950	2	123	9	.53	0		
Long Beach.....	65,322	8	115	12	.18	0		
Pasadena.....	51,766	6	278	28	.54	0		
Pomona.....	14,353	3	15	4	.28	0		
Richmond.....	19,428	2	10	1	.05	0		
Riverside.....	20,404	5	39	2	.10	0		
Sacramento.....	68,795	7	201	25	.36	0		
San Bernardino.....	20,251	8	17	9	.44	0		
San Diego.....	83,528	7	104	58	.69	0		
San Jose.....	41,260	6	122	8	.19	0		
Santa Ana.....	17,300	3	23	4	.23	1	.06	25.0
Santa Monica.....	17,157	2	136	3	.17	0		
Stockton.....	43,702	4	187	3	.07	0		
Venice.....	12,255	2	50	1	.08	0		
Colorado:								
Boulder.....	11,384	3	84	2	.18	0		
Colorado Springs.....	30,105	7	280	13	.43	0		
Greeley.....	11,673			1	.09	0		
Fueblo.....	43,385	4	291	10	.23	0		
Trinidad.....	10,956	7	98	6	.55	0		
Connecticut:								
Bristol.....	22,453	5	52	65	2.89	0		
Fairfield.....	12,851	1	14	94	7.31	0		
Greenwich.....	23,580	8	208	73	3.10	0		
Manchester.....	19,588	4	31	25	1.28	0		

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## MEASLES—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Connecticut—Continued.								
Meriden	35,458	3	63	21	0.59			
Milford	11,693	2	44	77	6.59	1	0.09	1.3
New Britain	63,281	6	268	196	3.10	0		
New London	27,240	5	44	159	5.84	0		
Norwich	22,674	6	15	72	3.18	0		
Orange	17,989					1	.06	
Stamford	37,659	2	468	985	26.16	5	.13	.5
Stratford	14,055	2	15	72	5.12	1	.07	1.4
Waterbury	96,498	7	124	75	.78	0		
Florida:								
Miami	35,776	2	92	18	.50	0		
St. Petersburg	22,353			2	.09			
Tampa	54,781	5	244	26	.47	0		
Georgia:								
Athens	17,220	1	2	1	.06			
Augusta	53,774	5	14	4	.07	0		
Macon	55,378	5	149	75	1.35	0		
Savannah	87,678	3	23	2	.02	0		
Idaho:								
Boise	22,688	4	109	4	.18	0		
Pocatello	16,516	4	18	4	.24	0		
Illinois:								
Alton	25,642	6	100	47	1.83			
Aurora	37,950	6	188	356	9.38	1	.03	.3
Berwyn	16,288			20	1.23	0		
Bloomington	29,428	2	628	6	.20	0		
Blue Island	12,178	2	75	60	4.93	0		
Centralia	13,214	5	8	5	.38			
Champaign	17,186	5	123	16	.93			
Chicago Heights	20,773	3	29	20	2.96	0		
Cicero	52,833	6	148	76	1.44			
Danville	35,197	7	83	5	.14			
East St. Louis	68,883	5	7	20	.29			
Elgin	27,835	7	90	20	.72			
Evanston	40,256	8	160	134	3.33	0		
Forest Park	11,843	1	182	25	2.11			
Freeport	20,132	5	61	11	.55	1	.05	9.1
Galesburg	24,282	5	180	42	1.73			
Granite City	15,852	5	37	3	.19			
Herrin	12,048			5	.42			
Jacksonville	15,811	6	94	2	.13	0		
Kewanee	18,779	3	38	10	.53			
La Salle	13,439	5	112	38	2.83	0		
Mattoon	14,091	4	166	2	.14			
Maywood	13,060	5	183	169	12.94			
Moline	32,177	7	156	17	.53	0		
Oak Park	45,114	7	448	283	6.27	0		
Ottawa	11,146	2	39	45	4.04	0		
Pekin	12,649	5	8	275	21.74	1	.08	.4
Peoria	78,731	6	105	35	.44			
Quincy	37,478	8	103	3	.08	0		
Rock Island	37,403	6	51	8	.21	0		
Rockford	70,485	7	420	230	3.26			
Springfield	61,076	6	142	52	.85	0		
Streator	14,914	1	27	5	.34	1	.07	20.0
Urbana	10,745	3	21	67	6.24	0		
Waukegon	20,039	4	65	58	2.89	2	.10	3.4
Indiana:								
Anderson	31,625	7	17	108	3.42			
Bloomington	12,046	4	133	3	.25			
Clinton	12,180	1	4	1	.08	0		
Crawfordsville	10,317	4	31	2	.19	0		
East Chicago	40,336	7	194	22	.55	0		
Elwood	10,890	5	86	3	.28	0		
Fort Wayne	91,549	8	192	91	.99	0		
Frankfort	12,250	4	14	10	.82	0		
Gary	65,146	5	60	35	.54	1	.02	2.9
Huntington	14,870	5	26	1	.07	0		
Kokomo	33,420	7	22	6	.18	0		
La Fayette	23,079	8	68	1	.04			
Laporte	16,241	2	11	76	4.68	1	.06	1.3

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MEASLES—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Indiana—Continued.								
Logansport.....	22,236	8	67	6	0.27	0		
Marion.....	24,895	7	38	7	.28	0		
Michigan City.....	19,567	2	65	16	.82	0		
Mishawaka.....	15,865	5	17	163	10.27	0		
Muncie.....	39,236	7	110	10	.25			
Peru.....	12,533	2	179	131	10.45	0		
Richmond.....	28,124	5	56	26	.92	0		
South Bend.....	75,093	4	284	691	9.20			
Terre Haute.....	68,123	5	94	22	.32	0		
Whiting.....	11,060	1	0	13	1.18			
Iowa:								
Boone.....	12,991	2	23	4	.31			
Burlington.....	124,057	2	45	2	.08	0	0.02	
Cedar Rapids.....	48,849					1		
Council Bluffs.....	37,930	7	46	65	1.71	0		
Davenport.....	59,966	6	43	25	.42	0		
Dubuque.....	39,306	5	159	86	2.19	0		
Mason City.....	22,263	6	37	1	.04	0		
Muscatine.....	116,068	5	253	4	.25			
Sioux City.....	77,252			4	.05			
Waterloo.....	38,685	4	204	24	.62	0		
Kansas:								
Achison.....	112,630	3	30	2	.16			
Chanute.....	10,546			5	.47			
Coffeyville.....	13,647	7	91	2	.15	0		
Hutchinson.....	25,083	4	148	15	.60	0		
Lawrence.....	12,476	4	36	4	.32	0		
Leavenworth.....	116,912	8	41	3	.18	2	.12	66.7
Parsons.....	16,946	2	76	9	.53	0		
Fittsburg.....	18,857	2	64	1	.05	0		
Topeka.....	51,902	4	282	11	.21	0		
Wichita.....	77,277	6	251	52	.67	0		
Kentucky:								
Covington.....	57,661	5	44	264	4.58	2	.03	.8
Henderson.....	12,352	2	339	427	34.57	2	.16	.5
Lexington.....	43,062	8	283	805	18.69	0		
Newport.....	129,317	3	40	54	1.84	0		
Owensboro.....	21,486			8	.37			
Paducah.....	25,243	7	145	420	16.64	0		
Louisiana:								
Shreveport.....	47,957	2	18			1	.02	
Maine:								
Auburn.....	17,479	3	103	4	.23	0		
Bangor.....	26,281	1	9	2	.08	0		
Bath.....	16,104	2	24	1	.06	0		
Biddeford.....	18,246	2	43	4	.22	0		
Lewiston.....	33,219	6	26	28	.84	0		
Portland.....	72,027	7	342	71	.99	1	.01	1.4
Sanford.....	11,114	4	7	1	.09			
Waterville.....	13,839	3	25	1	.07	0		
Maryland:								
Annapolis.....	11,859			45	3.79			
Cumberland.....	31,671	8	104	27	.85			
Massachusetts:								
Arlington.....	20,590	6	158	157	7.63	0		
Attleboro.....	20,636	5	36	167	8.09			
Belmont.....	12,090	2	185	23	1.90	0		
Beverly.....	23,566	7	33	134	5.69	0		
Braintree.....	11,228	2	58	48	4.28	0		
Brockton.....	68,667	7	318	321	4.67	1	.01	.3
Brookline.....	40,311	8	190	378	9.38			
Chelsea.....	45,947	8	231	402	8.75	0		
Chicopee.....	38,997	7	52	95	2.44			
Clinton.....	112,979	7	81	9	.69	0		
Danvers.....	11,546	4	29	10	.87			
Dedham.....	11,180	3	18	29	2.59			
Easthampton.....	11,685	4	77	3	.25			
Everett.....	41,828	8	227	348	8.32	0		
Fitchburg.....	41,853	7	461	34	.81	0		
Framingham.....	18,083	6	122	30	1.66	0		
Gardner.....	17,556	7	131	12	.68	0		
Greenfield.....	16,757	7	34	125	7.46	0		

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## MEASLES—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Massachusetts—Continued.								
Haverhill	56,399	8	140	27	0.48	0		
Holyoke	60,539	8	324	369	6.07	1	0.02	0.3
Lawrence	96,426	8	286	754	7.82	8	.08	1.1
Leominster	20,302	6	115	15	.74	0		
Malden	50,313	8	346	241	4.79	4	.08	1.7
Marlboro	15,143	6	36	19	1.25	0		
Medford	43,141	8	323	383	8.88	0		
Melrose	18,844	7	111	167	8.86	0		
Methuen	16,152	4	11	417	25.82	1	.06	
Milford	13,576	6	19	36	2.65	1	.07	2.8
Natick	11,175	5	43	10	.89	0		
Newburyport	15,789	5	80	127	8.04			
Newton	47,662	8	377	340	7.13	0		
North Adams	22,350	8	77	8	.36	1	.04	12.5
Northampton	22,599	8	144	205	9.07	0		
Northbridge	10,521	4	39	18	1.71	0		
Norwood	13,815	2	56	142	10.28	0		
Peabody	20,537	7	78	281	13.68	3	.15	1.1
Pittsfield	44,246	8	163	4	.09	0		
Plymouth	13,278	3	22	5	.38			
Quincy	51,799	6	143	867	16.74	3	.06	.3
Salem	42,529	8	185	455	10.70	1	.02	.2
Saugus	11,602	3	57	15	1.29	0		
Somerville	97,174	8	292	513	8.37	2	.02	.2
Southbridge	14,670	8	15	6	.41			
Taunton	37,877	6	71	33	.87	0		
Wakefield	13,441	2	171	118	8.78	0		
Waltham	31,708	8	164	433	13.66	6	.19	1.4
Watertown	23,667	7	90	98	4.14			
Webster	13,708	6	44	154	11.23	4	.29	2.6
Westfield	19,262	8	42	200	10.38	4	.21	2.0
Winchester	10,788	4	48	66	6.12			
Winthrop	16,825	8	88	32	1.90			
Woburn	16,899	8	68	17	1.01			
Michigan:								
Adrian	12,163	5	43	7	.58			
Ann Arbor	20,726	8	27	75	3.62	0		
Battle Creek	38,970	8	456	442	11.34	0		
Bay City	48,169	7	35	314	6.52	1	.02	.3
Benton Harbor	13,017	5	20	76	5.84	0		
Hamtramck	63,668	2	51	96	1.15			
Highland Park	58,222	5	222	1,011	17.36	2	.03	.2
Holland	12,618	4	3	12	.95			
Ironwood	16,490	8	108	2	.12			
Ishpeming	10,500	5	0	54	5.14			
Jackson	52,737	7	735	25	.47	0		
Kalamazoo	50,817	8	289	12	.24	0		
Lansing	63,430	5	390	62	.98	0		
Muskegon	39,533	6	61	22	.56	0		
Pontiac	39,356	6	197	748	19.01	0		
Port Huron	27,767	5	238	199	7.17			
Saginaw	68,581	6	54	121	1.76	1	.01	.8
Minnesota:								
Faribault	11,627	2	10	13	1.12	0		
Hibbing	16,119	3	37	2	.12	0		
Rochester	15,235	1	170	4	.26	0		
St. Cloud	17,231	1	46	7	.41	0		
Winona	19,286	4	49	43	2.23	0		
Mississippi:								
Biloxi	11,680	1	158	1	.09	0		
Jackson	23,218	2	66	4	.17			
Missouri:								
St. Joseph	78,177	6	153	8	.10			
Montana:								
Anaconda	12,063	3	69	1	.08	0		
Butte	42,181	6	62	4	.09	0		
Great Falls	26,739	6	173	7	.26	0		
Helena	12,037	2	87	8	.66	0		
Missoula	12,668	7	24	2	.16			
Nebraska:								
Grand Island	14,690	4	50	22	1.50			
Lincoln	57,671	8	187	669	11.60	1	.02	.1
Nevada:								
Reno	12,311	7	10	1	.08			

<sup>1</sup> Population Jan 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MEASLES—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>New Hampshire:</b>								
Berlin.....	17,217	5	38	2	0.12	0		
Concord.....	22,339	7	71	101	4.52			
Dover.....	13,029	7	81	122	9.36	1	0.08	0.8
Keene.....	11,503	3	21	39	3.39	0		
Manchester.....	80,526	8	201	472	5.86	20	.25	4.2
Nashua.....	28,990	6	8	21	.72	0		
Portsmouth.....	14,160	6	54	34	2.40			
<b>New Jersey:</b>								
Asbury Park.....	12,978	8	75	48	3.70	0		
Atlantic City.....	51,880	5	509	528	10.18	2	.04	.4
Bayonne.....	82,214	7	76	328	3.99	14	.17	4.3
Belleville.....	17,145	5	72	163	9.51			
Bloomfield.....	23,807	6	140	404	16.97	1	.04	.2
Bridgeton.....	14,351	4	122	315	21.95			
Clifton.....	30,230	2	177	149	4.93	2	.07	1.3
East Orange.....	54,918	8	706	870	15.84	1	.02	.1
Englewood.....	12,065	5	46	108	8.95			
Hackensack.....	18,598	7	46	258	13.87	1	.05	.4
Harrison.....	16,036	7	107	108	6.73			
Hoboken.....	68,166	4	236	260	3.81	11	.16	4.2
Kearny.....	28,799	8	265	390	13.54			
Long Branch.....	13,577	8	49	252	18.56	0		
Montclair.....	30,678	8	230	79	2.58			
Morristown.....	12,558	8	41	412	32.81	2	.16	.5
New Brunswick.....	35,144	7	43	40	1.14	0		
Orange.....	34,254	7	109	132	3.85	2	.06	1.5
Passaic.....	66,177	8	340	478	7.22	4	.06	.8
Perth Amboy.....	44,175	8	147	161	3.64	0		
Plainfield.....	29,540	8	273	367	12.42	5	.17	1.4
Rahway.....	11,480	5	8	28	2.44	0		
Summit.....	10,862	2	74	136	12.52	0		
Union.....	20,651	2	89	125	6.05			
West Hoboken.....	41,277	8	102	175	4.24			
West New York.....	34,139	6	124	194	5.68	1	.03	.5
West Orange.....	16,755	7	221	343	20.47	0		
<b>New York:</b>								
Amsterdam.....	34,104	4	111	14	.41	0		
Auburn.....	36,585	7	38	7	.19			
Batavia.....	13,971	2	9	64	4.58			
Binghamton.....	71,525	8	735	45	.63	0		
Cohoes.....	22,987	5	30	1	.04			
Corning.....	16,358	7	59	241	14.73	2	.12	.8
Cortland.....	13,754	7	34	154	11.20			
Dunkirk.....	19,879	8	66	19	.96	0		
Glens Falls.....	16,996	5	88	2	.12			
Gloversville.....	22,443	7	49	8	.36			
Herkimer.....	11,209	2	149	1	.09	0		
Hornell.....	15,388	6	118	381	24.76			
Hudson.....	11,803	3	89	98	8.30	0		
Jamestown.....	40,879	6	323	377	9.22			
Johnstown.....	11,026	6	33	687	62.31	3	.27	.4
Lackawanna.....	18,785	6	188	16	.85			
Lockport.....	21,906	4	162	13	.59	0		
Middletown.....	19,220	7	110	13	.68	0		
New Rochelle.....	38,104	5	146	251	6.59	1	.03	.4
Newburgh.....	31,024	7	109	618	19.92	1	.03	.4
Niagara Falls.....	55,990	8	317	567	10.13	2	.04	.4
North Tonawanda.....	16,390	8	39	28	1.71			
Olean.....	21,989	7	62	7	.32			
Onontia.....	12,120	1	56	2	.16	0		
Oswego.....	23,691	3	6	12	.51	0		
Peekskill.....	15,976	8	153	241	15.09	1	.06	.4
Plattsburgh.....	10,909	4	5	5	.46			
Port Chester.....	17,541	5	124	96	5.47			
Poughkeepsie.....	36,818	6	17	620	16.84	3	.08	.5
Rensselaer.....	10,851			24	2.21			
Rome.....	27,845	8	167	11	.40	0		
Saratoga Springs.....	13,181	7	68	6	.46			
Schenectady.....	92,687	8	451	16	.17	1	.01	6.2
Troy.....	72,013	7	390	12	.17			
Watertown.....	32,458	7	269	14	.43	0		
Watervliet.....	16,331	2	62	2	.12			
White Plains.....	22,046	6	174	433	19.64			

<sup>1</sup> Population Jan. 1, 1923.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## MEASLES—Continued.

City	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
North Carolina:								
Asheville.....	29,854	7	44	4	0.13			
Greensboro.....	119,861			50	2.52	0		
New Bern.....	12,206			3	.25	0		
Raleigh.....	28,572	5	366	4	.14	0		
Rocky Mount.....	13,820	4	208	39	2.82			
Wilmington.....	35,048	7	152	9	.26	0		
Winston-Salem.....	53,924	5	461	4	.07	0		
North Dakota:								
Minot.....	11,469			2	.17	0		
Ohio:								
Ashtabula.....	23,911	5	25	6	.25	0		
Barberton.....	20,844	4	10	12	.58			
Bellaire.....	15,604	2	106	71	4.55	0		
Bucyrus.....	11,018	2	107	1	.09	0		
Cambridge.....	13,524	4	23	62	4.58			
Canton.....	95,742	8	136	869	9.08	5	0.05	C. 6
Chillicothe.....	16,171	8	71	1	.06			
Cleveland Heights.....	18,399			206	11.20			
Coshocton.....	11,168	3	2	6	.54	0		
Cuyahoga Falls.....	11,791	1	8	45	3.82			
East Cleveland.....	31,955	5	32	133	4.16			
East Liverpool.....	21,674	2	43	1	.05			
East Youngstown.....	14,050	2	84	54	3.84			
Elyria.....	22,164	8	53	35	1.58			
Findlay.....	17,577	7	58	171	9.73	0		
Fremont.....	13,118	5	16	3	.23			
Hamilton.....	41,005	8	64	77	1.88	1	.02	1.3
Ironton.....	14,227	1	20	1	.07			
Kenmore.....	15,946	1	25	166	10.41			
Lima.....	43,777	6	84	17	.39			
Lorain.....	39,661	8	107	69	1.74	1		1.4
Mansfield.....	29,639	8	153	100	3.37	1	.03	1.0
Marion.....	29,991	4	20	6	.20	0		
Martins Ferry.....	12,277	2	1	123	10.02	2	.16	1.6
Middletown.....	27,457	7	84	24	.87			
Newark.....	27,056	5	80	26	.96			
Niles.....	15,094	2	139	8	.53			
Norwood.....	27,226	8	108	172	6.32			
Piqua.....	15,469	8	22	1	.06	0		
Salem.....	10,655	2	10	247	23.18	1	.09	.4
Sandusky.....	23,645	8	45	33	1.40			
Springfield.....	64,423	7	482	26	.40	1	.02	3.8
Warren.....	30,518	6	59	118	3.87	0		
Zanesville.....	29,965	6	54	390	13.02	1	.03	.3
Oklahoma:								
Oklahoma.....	98,370	7	232	77	.78			
Tulsa.....	93,558	2	72	213	2.28			
Oregon:								
Astoria.....	15,167	5	58	20	.32			
Eugene.....	10,879	5	49	3	.28	0		
Pennsylvania:								
Altoona.....	63,523	7	242	66	1.04	0		
Ambridge.....	14,668	2	190	85	5.79	1	.07	1.2
Beaver Falls.....	12,958	2	39	84	6.48			
Berwick.....	12,769	1	20	392	30.70			
Bethlehem.....	58,029	6	219	95	1.64			
Braddock.....	21,269	6	171	400	18.81	6	.28	1.5
Bradford.....	15,648	7	203	4	.26			
Butler.....	24,438	7	59	7	.29			
Carbondale.....	19,050	6	43	1	.05			
Carlisle.....	11,074	7	22	397	35.85			
Carnegie.....	11,904	2	9	13	1.09			
Carrick.....	11,633	2	87	177	15.22			
Chambersburg.....	13,524	5	35	34	2.51	0		
Charleroi.....	12,004	4	31	7	.58	0		
Chester.....	62,792	3	174	441	7.02	4	.06	.9
Coatesville.....	15,398	5	51	358	23.25			
Connellsville.....	14,050	6	43	13	.93			
Donora.....	15,449	2	148	10	.65			
Easton.....	35,175	7	181	121	3.44			
Farrell.....	16,924	5	31	35	2.07			
Harrisburg.....	79,983	8	176	338	4.23	2	.03	.6

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MEASLES—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Pennsylvania—Continued.								
Hazleton	34,034	7	121	355	10.43	2	0.06	0.6
Homestead	20,900	8	139	30	1.44			
Jeannette	11,133	2	28	18	1.62			
Johnstown	69,212					4	.06	
Lancaster	54,675	7	373	67	1.23			
McKeesport	47,834	8	124	225	4.70	2	.04	.9
Monessen	19,555	6	192	6	.31			
Mount Carmel	17,469	1	85	21	1.20			
Nanticoke	23,577	7	77	18	.76			
New Castle	47,166	8	66	511	10.83			
Norristown	33,462	8	76	750	22.41	4	.12	.5
North Braddock	15,726	6	152	274	17.42	2	.13	
Oil City	22,177	6	66	5	.23			
Olyphant	10,681	3	28	2	.19			
Phoenixville	10,484	2	59	78	7.44			
Pittston	19,070	7	29	7	.37			
Plymouth	16,500	8	68	190	11.52			
Shamokin	21,452			240	11.19			
Sharon	23,208	4	28	118	5.08	0		
Shenandoah	24,726	4	86	72	2.91	12	.49	16.7
Steelton	13,428	8	28	175	13.03			
Sunbury	16,224	6	81	281	17.32			
Swissvale	11,816	2	88	160	13.54	0		
Tamaqua	13,108	5	56	156	11.90	1	.08	.6
Uniontown	15,692	4	154	37	2.36			
Warren	14,655	8	15	7	.48			
Washington	22,175	7	107	168	7.58			
West Chester	11,717	8	28	166	14.17	0		
Wilkinsburg	25,761	4	43	294	11.41	2	.08	.7
Williamsport	37,315	4	371	107	2.87	0		
Woodlawn	15,453	2	98	318	20.58	3	.19	.9
York	48,222	6	312	23	.48	0		
Rhode Island:								
Cranston	31,543	8	23	45	1.43			
Newport	31,054	8	120	12	.39	0		
South Carolina:								
Columbia	39,070	4	145	6	.15			
Greenville	25,028	7	148	1	.04			
Spartanburg	23,956	5	89	2	.08	0		
South Dakota:								
Aberdeen	15,460	1	11	1	.06	0		
Sioux Falls	28,062	6	46	48	1.71	0		
Tennessee:								
Jackson	19,343			409	21.14			
Knoxville	85,572	5	246	318	3.72	2	.02	.6
Texas:								
Abilene	10,357			20	1.93	0		
Austin	36,167	2	39	4	.11	0		
Beaumont	44,954	4	3	9	.20	0		
Utah:								
Ogden	34,652	7	484	5	.14	0		
Vermont:								
Barre	16,008	4	82	2	.20	0		
Burlington	23,375	5	154	16	.68			
Rutland	15,317	7	96	7	.46			
Virginia:								
Alexandria	18,248	5	5	3	.16	0		
Danville	22,187	5	28	48	2.16			
Lynchburg	30,218	7	249	5	.17	1	.03	20.0
Newport News	135,596	6	228	15	.42			
Petersburg	33,585	5	84	10	.30	0		
Pertsmouth	56,497	6	161	12	.21	0		
Washington:								
Aberdeen	15,718	6	5	5	.32	0		
Bellingham	25,878	6	101	9	.35	0		
Everett	28,397	8	288	2	.07	0		
Yakima	19,687	7	306	6	.30	0		
West Virginia:								
Bluefield	16,302	4	50	8	.49	2	.12	25.0
Charleston	43,886	5	129	13	.30	0		
Clarksburg	29,019	1	3	27	.93	0		
Fairmont	19,264	5	54	16	.83			

<sup>1</sup> Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## MEASLES—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
West Virginia—Continued.								
Huntington.....	56, 135			81	1.44			
Martinsburg.....	12, 983	3	18	245	18.87			
Moundsville.....	11, 120	4	12	15	1.35			
Wheeling.....	1 56, 208	8	130	397	7.06	4	0.07	1.0
Wisconsin:								
Appleton.....	20, 279	3	28	8	.39	0		
Ashland.....	1 11, 334	4	23	2	.18			
Beloit.....	22, 869	8	20	20	.87	0		
Eau Claire.....	21, 574	8	161	6	.28			
Fond du Lac.....	24, 618	3	0	1	.04	0		
Janesville.....	19, 426	7	53	22	1.13	0		
Kenosha.....	44, 858	7	399	134	2.99	0		
La Crosse.....	30, 421	7	79	162	5.33	1	.03	.6
Madison.....	41, 336	8	203	37	.90	1	.02	2.7
Marinette.....	1 13, 610	8	40	4	.29	0		
Oshkosh.....	33, 187	8	29	5	.15	0		
Racine.....	62, 736	6	31	107	1.71			
Sheboygan.....	32, 128	4	8	4	.12	1	.03	25.0
Superior.....	1 39, 671	5	147	11	.28	0		
Wausau.....	19, 453	7	20	12	.62	0		
West Allis.....	15, 573	1	1	172	11.04	1	.06	.6
Wyoming:								
Cheyenne.....	14, 437	4	71	12	.83	0		

## MUMPS.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Montgomery.....	44, 834	5	0.11			
Arizona:						
Phoenix.....	32, 514	3	.09	0		
Tucson.....	23, 175	1	.04	0		
Arkansas:						
Fort Smith.....	30, 131	27	.90	0		
Little Rock.....	69, 266	4	.06	0		
California:						
Alameda.....	30, 201	23	.76	0		
Berkeley.....	61, 388	31	.50	0		
Eureka.....	13, 200	35	2.65			
Fresno.....	53, 207	137	2.57	0		
Glendale.....	16, 950	36	2.12	0		
Long Beach.....	65, 322	20	.31	0		
Pasadena.....	51, 766	41	.79	0		
Pomona.....	14, 353	272	18.95	0		
Richmond.....	19, 428	1	.05	0		
Riverside.....	20, 404	15	.74			
Sacramento.....	68, 795	139	2.02	1	0.01	139.0
San Bernardino.....	20, 251	6	.30	0		
San Diego.....	83, 528	142	1.70	0		
San Jose.....	41, 260	2	.05			
Santa Ana.....	17, 300	13	.75			
Santa Monica.....	17, 157	24	1.40			
Stockton.....	43, 702	2	.05			
Venice.....	12, 255	5	.41			
Colorado:						
Boulder.....	11, 384	62	5.45			
Colorado Springs.....	1 30, 105	37	1.23			
Greely.....	11, 673	18	1.54	0		
Pueblo.....	43, 385	1	.02	0		
Connecticut:						
Fairfield.....	12, 851	4	.31	0		
Greenwich.....	23, 580	156	6.62	0		
Manchester.....	19, 588	2	.10	0		
Meriden.....	35, 458	20	.56			
Milford.....	11, 693	22	1.88	0		

\*Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MUMPS—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Connecticut—Continued.</b>						
New Britain.....	63,281	3	0.05	0		
New London.....	27,240	40	1.47	0		
Stamford.....	37,659	7	.19	0		
Stratford.....	14,055	6	.43	0		
Waterbury.....	96,498	12	.12	0		
<b>Florida:</b>						
Miami.....	35,776	2	.06	0		
St. Petersburg.....	22,353	7	.31			
<b>Georgia:</b>						
Albany.....	12,383	2	.16			
Athens.....	17,220	2	.12			
Augusta.....	53,774	6	.11	0		
Macon.....	55,378	5	.09	0		
<b>Idaho:</b>						
Boise.....	22,088	4	.18	0		
<b>Illinois:</b>						
Alton.....	25,642	28	1.09	1	0.04	28.0
Aurora.....	37,950	3	.08	0		
Berwyn.....	16,288	32	1.96	0		
Bloomington.....	26,428	221	7.51	0		
Blue Island.....	12,178	50	4.11	0		
Champaign.....	17,186	10	.58			
Cicero.....	52,833	70	1.32	0		
East St. Louis.....	68,883	16	.23			
Elgin.....	27,835	8	.29			
Evanston.....	46,256	68	1.69	0		
Forest Park.....	11,843	1	.08			
Freeport.....	20,132	3	.15			
Granite City.....	15,852	1	.06			
Herrin.....	12,048	3	.25			
Jacksonville.....	15,611	4	.25	0		
Kewanee.....	18,779	6	.32			
La Salle.....	13,439	1	.07	0		
Mattoon.....	14,091	16	1.14			
Maywood.....	13,060	4	.31			
Moline.....	32,177	5	.16			
Oak Park.....	45,114	55	1.22	0		
Pekin.....	12,049	65	5.14	0		
Peoria.....	78,731	121	1.54			
Quincy.....	37,478	4	.11	0		
Rockford.....	70,485	172	2.44			
Rock Island.....	37,403	8	.21	0		
Streator.....	14,914	4	.27	0		
Urbana.....	10,745	5	.47	0		
<b>Indiana:</b>						
Anderson.....	31,625	1	.03			
Crawfordsville.....	10,317	1	.10	0		
East Chicago.....	40,336	17	.42	0		
Elwood.....	10,890	2	.18	0		
Frankfort.....	12,250	1	.08	0		
Michigan City.....	19,567			1	.05	
Muncie.....	39,236	2	.05			
<b>Iowa:</b>						
Burlington.....	24,057	4	.17	0		
Clinton.....	24,151	3	.12	0		
Council Bluffs.....	37,930	8	.21	0		
Davenport.....	50,966	18	.30	0		
Dubuque.....	39,306	2	.05	0		
Mason City.....	22,293	3	.13	0		
Waterloo.....	38,685	19	.49	0		
<b>Kansas:</b>						
Chanute.....	10,546	2	.28			
Coffeyville.....	13,647	2	.15	0		
Eldorado.....	13,020	1	.08			
Hutchinson.....	25,083	27	1.08			
Lawrence.....	12,476	2	.16	0		
Leavenworth.....	16,912	2	.12	0		
Parsons.....	16,946	4	.24	0		
Topeka.....	51,902	11	.21			
Wichita.....	77,277	16	.21	0		
<b>Kentucky:</b>						
Covington.....	57,661	1	.02	0		
Henderson.....	12,352	4	.32	0		
Lexington.....	43,062	5	.12	0		
Newport.....	29,317	2	.07	0		

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MUMPS—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Maine:						
Auburn.....	17,479	13	0.74	0		
Bangor.....	26,281	4	.15	0		
Bath.....	16,104	1	.06	0		
Lewiston.....	33,219	4	.12	0		
Portland.....	72,027	5	.07	0		
Waterville.....	13,839	2	.14	0		
Maryland:						
Cumberland.....	31,671	3	.09			
Massachusetts:						
Arlington.....	20,590	15	.73	0		
Attleboro.....	20,636	2	.10			
Belmont.....	12,690	21	1.74	0		
Beverly.....	23,586	3	.13	0		
Braintree.....	11,228	48	4.28	0		
Brockton.....	68,667	10	.15	0		
Brookline.....	40,311	39	.97	0		
Chelsea.....	45,947	8	.17	0		
Chicopee.....	38,997	2	.05			
Clinton.....	12,979			1	0.63	
Danvers.....	11,546	1	.09			
Dedham.....	11,180	7	.63			
Easthampton.....	11,965	3	.25			
Everett.....	41,828	24	.57			
Framingham.....	18,083	94	5.20	0		
Gardner.....	17,556	2	.11	0		
Greenfield.....	16,757	2	.12	0		
Haverhill.....	56,399	202	3.58	0		
Holyoke.....	60,839	29	.48			
Lawrence.....	96,426	179	1.86	0		
Leominster.....	20,302	1	.05	0		
Malden.....	50,313	43	.95	0		
Marlboro.....	15,143	108	7.13	0		
Medford.....	43,141	15	.35	0		
Melrose.....	18,844	82	4.35	0		
Methuen.....	16,152	113	7.00	0		
Milford.....	13,576	25	1.84	0		
Natick.....	11,175	7	.63	0		
Newburyport.....	15,789	2	.13			
Newton.....	47,662	143	3.00	0		
North Adams.....	22,350	14	.63	0		
Northampton.....	22,599	10	.44	0		
Northbridge.....	10,524	1	.10	0		
Norwood.....	13,815	21	1.74			
Peabody.....	20,537	2	.10			
Pittsfield.....	44,246	79	1.79	0		
Plymouth.....	13,278	1	.08			
Quincy.....	51,799	118	2.28			
Salem.....	42,529	17	.40	0		
Saugus.....	11,002	5	.43	0		
Somerville.....	97,174	67	.69			
Taunton.....	37,877	3	.08	0		
Wakefield.....	13,441	23	1.71	0		
Waltham.....	31,708	28	.88	0		
Watertown.....	23,667	5	.21			
Westfield.....	10,262	2	.10			
Winchester.....	10,788	30	2.78			
Winthrop.....	16,825	5	.30			
Woburn.....	16,890	4	.24			
Michigan:						
Ann Arbor.....	20,726	10	.48	0		
Battle Creek.....	38,970	66	1.69	0		
Bay City.....	48,169	4	.08	0		
Benton Harbor.....	13,017	1	.08	0		
Hamtramck.....	63,668	1	.02			
Highland Park.....	58,222	85	1.46			
Ironwood.....	16,490	4	.24			
Jackson.....	52,737	815	15.45	0		
Kalamazoo.....	50,817	212	4.17	0		
Lansing.....	63,430	43	.68			
Muskegon.....	39,533	2	.05	0		
Pontiac.....	39,356	30	.76	0		
Port Huron.....	27,767	10	.36			
Saginaw.....	68,581	23	.34	0		

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MUMPS—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Minnesota:						
Hibbing.....	16, 119	1	0.06			
Rochester.....	15, 235	1	.07	0		
Winona.....	19, 286	1	.05	0		
Mississippi:						
Biloxi.....	11, 680	3	.26	0		
Jackson.....	23, 218	5	.22			
Missouri:						
St. Joseph.....	78, 177	4	.05			
Montana:						
Anaconda.....	12, 063	2	.17	0		
Great Falls.....	26, 739	4	.15	0		
Missoula.....	12, 668	2	.16			
Nebraska:						
Grand Island.....	14, 699	2	.14			
Lincoln.....	57, 671	250	4.33	0		
Nevada:						
Reno.....	12, 311	3	.24			
New Hampshire:						
Berlin.....	17, 217	7	.41			
Dover.....	13, 029	1	.08	0		
Keene.....	11, 503	1	.09			
Manchester.....	80, 526	2	.02	0		
Portsmouth.....	14, 160	3	.21			
New Jersey:						
Bayonne.....	82, 214	3	.04			
Belleville.....	17, 145	10	.58			
Bloomfield.....	23, 807	174	7.31	0		
Bridgeton.....	14, 351	17	1.18			
Clifton.....	30, 230	19	.63			
Englewood.....	12, 065	8	.66			
Hackensack.....	18, 598	124	6.67	0		
Harrison.....	16, 036	11	.69			
Hoboken.....	68, 166	7	.10	0		
Kearny.....	28, 799	45	1.56			
Long Branch.....	13, 577	4	.29	0		
Montclair.....	30, 678	151	4.92			
Morristown.....	12, 558	6	.48	0		
Orange.....	34, 254	24	.70			
Passaic.....	66, 177	5	.08	0		
Rahway.....	11, 480	10	.87	0		
Rahway.....	11, 480	10	.87	0		
Union.....	20, 651	3	.15			
West Hoboken.....	41, 277	2	.05			
West New York.....	34, 139	1	.03			
West Orange.....	16, 755	12	.72	0		
New York:						
Amsterdam.....	34, 104	21	.62	0		
Auburn.....	36, 585	1	.03			
Batavia.....	13, 971	39	2.79			
Binghamton.....	71, 525	626	8.75	0		
Corning.....	16, 358	28	1.71			
Cortland.....	13, 754	8	.58			
Dunkirk.....	19, 879	14	.70	0		
Glens Falls.....	16, 996	8	.47			
Gloversville.....	22, 443	34	1.51			
Hornell.....	15, 388	270	17.55			
Hudson.....	11, 803	1	.08	0		
Ithaca.....	17, 569	103	5.86	0		
Jamestown.....	40, 879	39	.95			
Johnstown.....	11, 026	3	.27	0		
Lackawanna.....	18, 785	5	.27			
Little Falls.....	13, 223	4	.30			
Lockport.....	21, 908	6	.27	0		
Mount Vernon.....	45, 766	306	6.69	0		
Newburgh.....	31, 024	23	.74	0		
New Rochelle.....	38, 104	67	1.76			
Niagara Falls.....	55, 990	43	.77			
North Tonawanda.....	16, 390	7	.43			
Olean.....	21, 989	96	4.37			
Oneonta.....	12, 120	1	.08	0		
Oswego.....	23, 691	117	4.94	0		
Peekskill.....	15, 976	29	1.81	0		
Plattsburg.....	10, 909	22	2.02			
Port Chester.....	17, 541	30	1.71			
Poughkeepsie.....	36, 818	3	.08	0		

<sup>1</sup>Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## MUMPS—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
New York—Continued.						
Rensselaer	10,851	4	0.37			
Rome	27,845	3	.11	0		
Saratoga Springs	113,181	51	3.87			
Schenectady	92,687	78	.84			
Troy	172,013	22	.31			
Watertown	32,458	8	.25	0		
Watervliet	16,331	1	.06			
White Plains	22,046	7	.32			
North Carolina:						
Asheville	29,854	2	.07			
New Bern.	12,206	1	.08			
Wilmington	35,048	73	2.08	0		
Winston-Salem	53,924	64	1.19	0		
North Dakota:						
Minot	11,469	2	.17	0		
Ohio:						
Ashtabula	23,911	27	1.13	0		
Bucyrus	11,018	39	3.54	0		
Cambridge	13,524	6	.44			
Canton	95,742	169	1.77			
Chillicothe	16,171	1	.06			
Cleveland Heights	18,399	4	.22			
Coshocton	11,168	2	.18	0		
Cuyahoga Falls	11,791	10	.85			
East Cleveland	31,955	70	2.19			
East Youngstown	14,650	1	.07			
Elyria	22,164	20	.90			
Findlay	17,577	1	.06	0		
Fremont	13,118	19	1.45			
Ironton	14,227	2	.14			
Keunmore	15,946	1	.06			
Lima	43,777	4	.09			
Lorain	39,661	55	1.39			
Mansfield	29,639	40	1.35	0		
Marion	29,591	2	.07	0		
Middletown	27,457	19	.69			
Niles	15,094	21	1.39			
Norwood	27,226	6	.22			
Salem	10,655	1	.09	0		
Sandusky	23,645	13	.55			
Springfield	64,423	3	.05	0		
Warren	30,518	2	.07	0		
Zanesville	29,965	1	.03	0		
Oregon:						
Eugene	10,879	25	2.30	0		
Pennsylvania:						
Ambridge	14,668	52	3.55			
Berwick	12,769	38	2.98			
Bethlehem	58,029	3	.05			
Bradnock	21,269	2	.09			
Bradford	15,648	2	.13			
Butler	24,438	177	7.24			
Carlisle	11,074	2	.18			
Carrick	11,633	3	.26			
Chambersburg	13,524	76	5.62	0		
Charleroi	12,004	30	2.50	0		
Chester	62,792	8	.13			
Connellsville	14,050	1	.07			
Easton	35,175	123	3.50			
Farrell	16,924	19	1.12			
Harrisburg	79,883	22	.28			
Hazleton	34,034	4	.12			
Homestead	20,900	8	.38			
Jeannette	11,133	6	.54			
Lancaster	54,675	16	.29			
McKeesport	47,834	3	.06	0		
Monessen	19,555	3	.15	0		
Mount Carmel	17,469	3	.17			
Nanticoke	23,377	6	.25			
New Castle	47,166	5	.11			
Norristown	33,462	3	.09			
North Bradnock	15,726	1	.06	0		
Oil City	22,177	183	8.25			
Olyphant	10,681	1	.09			

<sup>1</sup> Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MUMPS—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Pennsylvania—Continued.						
Phoenixville.....	1 10,484	1	0.10	.....	.....	.....
Pittston.....	19,070	3	.16	.....	.....	.....
Shamokin.....	21,452	3	.14	.....	.....	.....
Sharon.....	23,208	21	.90	0	.....	.....
Shenandoah.....	1 24,726	20	.81	.....	.....	.....
Steelton.....	1 13,428	67	4.99	.....	.....	.....
Sunbury.....	16,224	7	.43	.....	.....	.....
Swissvale.....	11,816	1	.09	0	.....	.....
Tamaqua.....	13,108	9	.69	.....	.....	.....
Uniontown.....	1 15,692	3	.19	.....	.....	.....
Warren.....	14,655	8	.55	0	.....	.....
Washington.....	22,175	25	1.13	.....	.....	.....
West Chester.....	1 11,717	61	5.21	0	.....	.....
Wilksburg.....	25,761	53	2.06	.....	.....	.....
Williamsport.....	37,315	165	4.42	0	.....	.....
Woodlawn.....	15,453	2	.13	0	.....	.....
York.....	43,222	6	.12	0	.....	.....
Rhode Island:						
Cranston.....	31,543	8	.25	.....	.....	.....
South Carolina:						
Columbia.....	39,070	22	.56	.....	.....	.....
Greenville.....	25,028	4	.16	.....	.....	.....
Spartanburg.....	23,956	2	.08	0	.....	.....
Texas:						
Abilene.....	10,357	15	1.45	0	.....	.....
Austin.....	36,167	5	.14	0	.....	.....
Waco.....	40,733	1	.02	0	.....	.....
Utah:						
Ogden.....	34,652	1	.03	0	.....	.....
Vermont:						
Barre.....	1 10,008	3	.30	0	.....	.....
Burlington.....	23,375	9	.39	.....	.....	.....
Rutland.....	15,317	3	.20	.....	.....	.....
Virginia:						
Alexandria.....	18,248	1	.05	0	.....	.....
Danville.....	22,187	10	.45	.....	.....	.....
Lynchburg.....	30,218	4	.13	0	.....	.....
Newport News.....	1 35,596	91	2.56	.....	.....	.....
Petersburg.....	33,585	8	.24	0	.....	.....
Portsmouth.....	56,497	4	.07	0	.....	.....
Washington:						
Aberdeen.....	15,718	2	.13	0	.....	.....
Everett.....	28,397	1	.04	0	.....	.....
Yakima.....	19,687	24	1.22	0	.....	.....
West Virginia:						
Bluefield.....	16,302	3	.18	0	.....	.....
Charleston.....	43,886	1	.02	0	.....	.....
Clarksburg.....	29,019	15	.52	0	.....	.....
Fairmont.....	19,264	6	.31	.....	.....	.....
Martinsburg.....	12,983	15	1.16	.....	.....	.....
Wheeling.....	1 56,208	1	.02	0	.....	.....
Wisconsin:						
Appleton.....	20,279	8	.39	0	.....	.....
Blot.....	22,869	200	8.75	0	.....	.....
Eau Claire.....	21,574	111	5.15	.....	.....	.....
Green Bay.....	32,505	1	.03	.....	.....	.....
Kenosha.....	44,858	2	.04	0	.....	.....
La Crosse.....	30,421	222	7.30	.....	.....	.....
Racine.....	62,736	5	.08	.....	.....	.....
Sheboygan.....	32,123	17	.53	0	.....	.....
Wausau.....	19,453	3	.15	.....	.....	.....

1 Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## PELLAGRA.

City.	Estimated population, July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Alabama:</b>								
Anniston.....	19,004	6	7			1	0.05	
Bessemer.....	20,174	1	20			3	.15	
Mobile.....	62,978	4	15			21	.33	
Montgomery.....	44,834	1	26			11	.25	
<b>Arizona:</b>								
Phoenix.....	32,514			1	0.03	0		
<b>Arkansas:</b>								
Fort Smith.....	30,131	1	6	3	.10	1	.03	3.0
Little Rock.....	69,266	3	11			6	.09	
North Little Rock.....	14,796	3	5			3	.20	
<b>California:</b>								
Glendale.....	16,950	1	0	1	.06	0		
Pasadena.....	51,766	4	0	1	.02	0		
Riverside.....	20,404	3	1			1	.05	
San Bernardino.....	20,251	4	0			1	.05	
San Diego.....	83,528	4	1			1	.01	
Stockton.....	43,702	2	0	2	.05			
<b>Florida:</b>								
Key West.....	18,749					1	.05	
Miami.....	35,776	1	1	2	.06	0		
Tampa.....	54,781			4	.07	0		
<b>Georgia:</b>								
Athens.....	17,220					4	.23	
Augusta.....	53,774	2	5			17	.32	
Brunswick.....	15,501	5	6			3	.19	
Macon.....	55,378	1	8			11	.20	
Rome.....	13,548	3	16			8	.59	
Savannah.....	87,678					22	.25	
<b>Illinois:</b>								
Moline.....	32,177	3	0	1	.03			
<b>Kansas:</b>								
Coffeyville.....	13,647	6	1	1	.07	0		
Independence.....	12,313	1	1			1	.08	
Parsons.....	16,946					1	.06	
Wichita.....	77,277	6	1			1	.01	
<b>Kentucky:</b>								
Lexington.....	43,062	2	17			4	.09	
Owensboro.....	21,486	2	1	2	.09			
<b>Louisiana:</b>								
Shreveport.....	47,957	1	7			19	.40	
<b>Massachusetts:</b>								
Danvers.....	11,546	4	1	1	.09			
Northampton.....	22,599	6	2	2	.09	1	.04	2.0
<b>Michigan:</b>								
Holland.....	12,618	2	0	1	.08			
<b>Minnesota:</b>								
Rochester.....	15,235	1	0			1	.07	
<b>Mississippi:</b>								
Biloxi.....	11,680	1	1			1	.09	
Jackson.....	23,218	1	362	138	5.94	6	.26	23.0
<b>New Hampshire:</b>								
Concord.....	22,339	2	1			2	.09	
<b>North Carolina:</b>								
Asheville.....	29,854	2	2			2	.07	
Charlotte.....	49,511					14	.28	
Greensboro.....	19,861					3	.15	
Raleigh.....	28,572	2	21			14	.49	
Rocky Mount.....	13,820	2	4			3	.22	
Wilmington.....	35,048	3	29			2	.06	
Winston-Salem.....	53,924	5	14	13	.24	10	.19	1.3
<b>Ohio:</b>								
Barberton.....	20,844	3	0			1	.05	
<b>Oklahoma:</b>								
Bartlesville.....	16,638					1	.06	
Oklahoma.....	98,370	1	7			3	.03	
<b>Pennsylvania:</b>								
Farrell.....	16,924	2	0			2	.12	
Uniontown.....	15,692	2	0	1	.06			
Woodlawn.....	15,453	1	0			1	.06	

<sup>1</sup> Population, Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

PELLAGRA—Continued.

City.	Estimated population, July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Rhode Island:								
Cranston.....	31,543					1	0.03	
South Carolina:								
Greenville.....	25,028	5	9			9	.36	
Spartanburg.....	23,956	3	30			6	.25	
Tennessee:								
Knoxville.....	85,572	4	10			20	.23	
Texas:								
Abilene.....	10,357			5	0.48	1	.10	5.0
Amarillo.....	16,532	4	1	1	.06	0		
Austin.....	36,167			8	.22	4		2.0
Beaumont.....	44,954	2	4			2	.04	
Cleburne.....	13,430	3	1			4	.30	
Corpus Christi.....	11,114	2	0			1	.09	
Del Rio.....	10,589					1	.09	
Galveston.....	46,128	1	1			4	.09	
San Angelo.....	10,050					1	.10	
Waco.....	40,733	2	7	8	.20	7	.17	1.1
Wichita Falls.....	48,237	1	3			11	.23	
Virginia:								
Danville.....	22,187	4	9			1	.05	
Lynchburg.....	30,218	2	15			2	.07	
Petersburg.....	33,585	3	4			5	.15	
Portsmouth.....	56,497	2	2			2	.04	
Wisconsin:								
Madison.....	41,336	3	0			1	.03	

PNEUMONIA (ALL FORMS).

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Anniston.....	19,004			52	2.74	
Bessemer.....	20,174			43	2.13	
Mobile.....	62,978			46	.73	
Montgomery.....	44,834			44	.98	
Arizona:						
Phoenix.....	32,514			33	1.01	
Tucson.....	23,175			81	3.50	
Arkansas:						
Fort Smith.....	30,131			42	1.39	
Little Rock.....	69,266			60	.87	
North Little Rock.....	14,796			27	1.82	
California:						
Alameda.....	30,201			28	.93	
Bakersfield.....	20,160			32	1.59	
Berkeley.....	61,388	76	1.24	39	.64	1.9
Eureka.....	13,200	14	1.06	12	.91	1.2
Fresno.....	53,207			89	1.67	
Glendale.....	16,950			34	2.01	
Long Beach.....	65,322			64	.98	
Pasadena.....	51,766	89	1.72	46	.89	1.9
Pomona.....	14,353	29	2.02	21	1.46	1.4
Richmond.....	19,428	14	.72	12	.62	1.2
Riverside.....	20,404			30	1.47	
Sacramento.....	68,795	146	2.12	114	1.66	1.3
San Bernardino.....	20,251			38	1.88	
San Diego.....	83,528	137	1.64	58	.69	2.4
San Jose.....	41,260			44	1.07	
Santa Ana.....	17,300			24	1.39	
Santa Cruz.....	10,917			12	1.10	
Santa Monica.....	17,157			25	1.46	
Stockton.....	43,702	25	.57			
Venice.....	12,255			2	.16	

<sup>1</sup> Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## PNEUMONIA (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Colorado:						
Boulder.....	11,384	44	3.87	10	0.88	4.4
Colorado Springs.....	130,105			82	2.72	
Greeley.....	11,673			9	.77	
Pueblo.....	43,385			78	1.80	
Trinidad.....	10,956			36	3.29	
Connecticut:						
Bristol.....	22,453	244	21.96			
Fairfield.....	12,851	8	.62	19	1.48	
Greenwich.....	23,580	39	21.65	12	.51	
Manchester.....	19,588	27	21.38	16	.82	
Meriden.....	35,458	68	21.92			
Milford.....	11,693	11	2.94	14	1.20	
New Britain.....	63,281	116	21.83	105	1.66	
New London.....	27,240	51	21.87	34	1.25	
Norwich.....	22,674	18	2.79	10	.44	
Orange.....	17,989			4	.22	
Stamford.....	37,659	28	2.74	53	1.54	
Stratford.....	14,055	14	21.00	24	1.71	
Waterbury.....	96,498	140	21.45	93	1.62	
Florida:						
Key West.....	18,749			17	.91	
Miami.....	35,776			39	1.09	
St. Petersburg.....	22,353	2	.09			
Tampa.....	54,781			48	.88	
Georgia:						
Albany.....	12,383			11	.89	
Athens.....	17,220			43	2.50	
Augusta.....	53,774	73	21.36	134	2.49	
Brunswick.....	15,501	12	.77	10	.65	1.2
Macon.....	55,378			55	.99	
Rome.....	13,548	59	4.35	35	2.58	1.7
Savannah.....	87,678			146	1.67	
Idaho:						
Pocatello.....	16,516			33	2.00	
Illinois:						
Alton.....	25,642	37	1.44	26	1.01	1.4
Aurora.....	37,950	77	2.03	56	1.48	1.4
Berwyn.....	16,288			14	.86	
Bloomington.....	29,428			41	1.39	
Blue Island.....	12,178	41	3.37	39	3.20	1.1
Centralia.....	13,214			27	2.04	
Champaign.....	17,186	31	1.80			
Chicago Heights.....	20,773			24	1.16	
Cicero.....	52,833	47	.89	39	.74	1.2
Danville.....	35,197			49	1.39	
East St. Louis.....	68,883	112	1.63	55	.80	2.0
Elgin.....	27,835	33	1.19	30	1.08	1.1
Evanston.....	40,256	84	2.09	47	1.17	1.8
Forest Park.....	11,843	17	1.44	5	.42	3.4
Freeport.....	20,132	58	2.88	26	1.29	2.2
Galesburg.....	24,282	54	2.22	33	1.36	1.6
Granite City.....	15,852	19	1.20			
Herrin.....	12,048			33	2.74	
Jacksonville.....	15,811			57	3.61	
Kewanee.....	18,779	69	3.67	29	1.54	2.4
La Salle.....	13,439	38	2.83	12	.89	3.2
Mattoon.....	14,091	50	2.13			
Maywood.....	13,060	39	2.99	14	1.07	2.8
Moline.....	32,177	49	1.52	26	.81	1.9
Oak Park.....	45,114	117	2.59	41	.91	2.9
Ottawa.....	11,146			14	1.26	
Pekin.....	12,640	32	2.53	9	.71	3.6
Peoria.....	78,731			118	1.53	
Quincy.....	37,478	82	2.19	24	.64	3.4
Rockford.....	70,485	109	1.55	79	1.12	1.4
Rock Island.....	37,403	57	1.52	5	.13	11.4
Springfield.....	61,076	193	3.16	92	1.54	2.1
Streator.....	14,914	9	.60	2	.13	4.5
Urbana.....	10,745	16	1.49	0		
Waukegan.....	20,039	28	1.40	24	1.20	1.2
Indiana:						
Anderson.....	31,625			42	1.33	
Clinton.....	12,180			11	.90	
Crawfordsville.....	10,317			18	1.74	

1 Population Jan. 1, 1920.

Lobar pneumonia only.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Indiana—Continued.						
East Chicago	40,336			97	2.40	
Elwood	10,890			7	.64	
Fort Wayne	91,549			92	1.00	
Frankfort	12,250			11	.90	
Gary	65,146			83	1.27	
Hammond	44,721			57	1.27	
Huntington	14,870			17	1.14	
Jeffersonville	<sup>1</sup> 10,098	19	1.88	9	.89	2.1
Kokomo	33,420			25	.75	
La Fayette	23,079			20	.87	
Laporte	16,241			17	1.05	
Logansport	22,236			27	1.21	
Marion	24,895			30	1.21	
Michigan City	19,567			21	1.07	
Mishawaka	15,865			19	1.20	
Muncie	39,236			53	1.35	
Newcastle	15,593			12	.77	
Peru	12,533			18	1.44	
Richmond	28,124			30	1.07	
South Bend	75,093			93	1.24	
Terre Haute	68,123			93	1.37	
Whiting	11,060			26	2.35	
Iowa:						
Boone	12,991			10	.77	
Burlington	<sup>1</sup> 24,057	86	3.57	33	1.58	2.3
Cedar Rapids	48,849			34	.70	
Clinton	<sup>1</sup> 24,151			37	1.53	
Council Bluffs	37,930			68	1.79	
Davenport	59,966			87	1.45	
Dubuque	39,306			49	1.25	
Mason City	22,263	.10	.45	2	.09	5.0
Muscatine	<sup>1</sup> 16,068			17	1.06	
Kansas:						
Atchison	<sup>1</sup> 12,630	1	.06			
Coffeyville	13,647			23	1.69	
Eldorado	13,020	49	3.76	12	.92	4.1
Fort Scott	10,751			21	1.95	
Hutchinson	25,083			36	1.44	
Independence	12,313			23	1.87	
Lawrence	12,476			19	1.52	
Leavenworth	<sup>1</sup> 16,912	19	1.12	10	.59	1.9
Parsons	16,946	41	2.42	30	1.77	1.4
Pittsburg	18,857			45	2.39	
Topeka	51,902	232	4.47	104	2.00	2.2
Wichita	77,277			110	1.42	
Kentucky:						
Covington	57,661			100	1.73	
Henderson	12,352			12	.97	
Lexington	43,062			93	2.16	
Newport	<sup>1</sup> 29,317	30	1.02	5	.17	6.0
Owensboro	21,486	21	.98			
Paducah	25,243			43	1.70	
Louisiana:						
Shreveport	47,957			73	1.52	
Maine:						
Auburn	17,479			21	1.20	
Bangor	26,281	90	3.42	54	2.05	1.7
Bath	16,104			14	.87	
Biddeford	18,246			35	1.92	
Lewiston	33,219			75	2.26	
Portland	72,027			60	.83	
Sanford	11,114			23	2.07	
Waterville	13,839			20	1.45	
Maryland:						
Annapolis	11,859	27	2.28	15	1.26	1.8
Cumberland	31,671	80	2.53	29	.92	2.8
Massachusetts:						
Adams	<sup>1</sup> 12,967	<sup>2</sup> 16	<sup>2</sup> 1.23	5	.39	
Arlington	20,590	<sup>2</sup> 33	<sup>2</sup> 1.60	30	1.46	
Attleboro	20,636	<sup>2</sup> 15	<sup>2</sup> 1.73	12	.58	
Belmont	12,090	<sup>2</sup> 13	<sup>2</sup> 1.08	14	1.16	
Belmont	23,566	<sup>2</sup> 42	<sup>2</sup> 1.78	23	.98	
Beverly	11,223	<sup>2</sup> 8	<sup>2</sup> 1.71	8	.71	
Braintree	68,667	<sup>2</sup> 114	<sup>2</sup> 1.66	31	.45	

<sup>1</sup> Population Jan. 1, 1920.

<sup>2</sup> Lobar pneumonia only.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## PNEUMONIA (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Massachusetts—Continued.						
Brookline	40,311	<sup>1</sup> 40	<sup>2</sup> 0.99	38	0.94	-----
Chelsea	45,947	<sup>1</sup> 130	<sup>2</sup> 2.83	97	2.11	-----
Chicopee	38,997	<sup>1</sup> 7	<sup>2</sup> 1.18	-----	-----	-----
Clinton	<sup>1</sup> 12,979	<sup>2</sup> 34	<sup>2</sup> 2.62	22	1.70	-----
Danvers	11,546	<sup>2</sup> 11	<sup>2</sup> 0.95	71	6.15	-----
Dedham	11,180	<sup>2</sup> 11	<sup>2</sup> 0.98	6	.54	-----
Easthampton	11,965	<sup>2</sup> 46	<sup>2</sup> 3.84	15	1.25	-----
Everett	41,828	<sup>2</sup> 53	<sup>2</sup> 1.27	15	.36	-----
Fitchburg	41,853	<sup>2</sup> 51	<sup>2</sup> 1.22	52	1.24	-----
Frammingham	18,083	<sup>2</sup> 24	<sup>2</sup> 1.33	33	1.82	-----
Gardner	17,556	<sup>2</sup> 18	<sup>2</sup> 1.03	27	1.54	-----
Greenfield	16,757	<sup>2</sup> 21	<sup>2</sup> 1.25	15	.90	-----
Haverhill	56,399	<sup>2</sup> 113	<sup>2</sup> 2.00	55	.98	-----
Holyoke	60,839	<sup>2</sup> 45	<sup>2</sup> 0.74	121	1.99	-----
Lawrence	96,426	<sup>2</sup> 74	<sup>2</sup> 0.77	43	.45	-----
Leominster	20,302	<sup>2</sup> 38	<sup>2</sup> 1.87	28	1.38	-----
Malden	50,313	<sup>2</sup> 69	<sup>2</sup> 1.37	28	.56	-----
Marlboro	15,143	<sup>2</sup> 19	<sup>2</sup> 1.25	11	.73	-----
Medford	43,141	<sup>2</sup> 22	<sup>2</sup> 0.51	35	.81	-----
Melrose	18,844	<sup>2</sup> 33	<sup>2</sup> 1.75	18	.96	-----
Methuen	16,152	<sup>2</sup> 14	<sup>2</sup> 0.87	30	1.86	-----
Milford	13,576	<sup>2</sup> 7	<sup>2</sup> 0.52	26	1.92	-----
Natick	11,175	<sup>2</sup> 16	<sup>2</sup> 1.43	1	.09	-----
Newburyport	15,789	<sup>2</sup> 26	<sup>2</sup> 1.65	25	1.58	-----
Newton	47,662	<sup>2</sup> 58	<sup>2</sup> 1.22	29	.61	-----
North Adams	22,350	-----	-----	18	.81	-----
Northampton	22,599	<sup>2</sup> 24	<sup>2</sup> 1.05	11	.49	-----
Northbridge	10,524	<sup>2</sup> 14	<sup>2</sup> 1.33	15	1.43	-----
Norwood	13,815	<sup>2</sup> 24	<sup>2</sup> 1.74	-----	-----	-----
Penbody	20,537	<sup>2</sup> 24	<sup>2</sup> 1.17	17	.83	-----
Pittsfield	44,246	<sup>2</sup> 50	<sup>2</sup> 1.13	59	1.33	-----
Plymouth	13,278	<sup>2</sup> 20	<sup>2</sup> 1.51	20	1.51	-----
Quincy	51,799	<sup>2</sup> 59	<sup>2</sup> 1.14	-----	-----	-----
Salem	<sup>1</sup> 42,529	<sup>2</sup> 69	<sup>2</sup> 1.62	25	.59	-----
Saugus	11,602	<sup>2</sup> 14	<sup>2</sup> 1.21	15	1.29	-----
Somerville	97,174	<sup>2</sup> 143	<sup>2</sup> 1.47	136	1.40	-----
Southbridge	14,670	<sup>2</sup> 10	<sup>2</sup> 0.68	14	.95	-----
Taunton	37,877	<sup>2</sup> 49	<sup>2</sup> 1.29	57	1.50	-----
Wakefield	13,441	<sup>2</sup> 24	<sup>2</sup> 1.79	16	1.19	-----
Waltham	31,708	<sup>2</sup> 45	<sup>2</sup> 1.42	21	.66	-----
Watertown	23,667	<sup>2</sup> 23	<sup>2</sup> 0.97	7	.30	-----
Webster	13,708	<sup>2</sup> 16	<sup>2</sup> 1.17	10	.73	-----
Westfield	19,262	<sup>2</sup> 15	<sup>2</sup> 0.78	36	1.87	-----
Winchester	10,788	<sup>2</sup> 6	<sup>2</sup> 0.56	-----	-----	-----
Winthrop	16,825	<sup>2</sup> 32	<sup>2</sup> 1.90	9	.53	-----
Woburn	16,899	<sup>2</sup> 29	<sup>2</sup> 1.72	25	1.48	-----
Michigan:						
Adrian	12,163	17	1.40	11	.90	1.5
Ann Arbor	20,726	107	5.16	43	2.07	2.3
Battle Creek	38,970	42	1.08	4	.10	10.5
Bay City	48,169	104	2.16	53	1.10	2.0
Benton Harbor	13,017	-----	-----	15	1.15	-----
Hamtramck	63,668	109	1.71	88	1.38	1.2
Highland Park	58,222	103	2.80	-----	-----	-----
Holland	12,618	19	1.51	-----	-----	-----
Ironwood	16,490	20	1.21	17	1.03	1.2
Ishpeming	<sup>1</sup> 10,530	27	2.57	7	.67	3.9
Jackson	52,737	99	1.88	28	.53	3.5
Kalamazoo	50,817	89	1.75	52	1.02	1.7
Lansing	63,430	105	1.66	51	.80	2.1
Muskegon	39,533	77	1.95	42	1.05	1.8
Pontiac	39,356	65	1.65	28	.71	2.3
Port Huron	27,767	73	2.63	24	.86	3.0
Saginaw	68,581	-----	-----	62	.90	-----
Sault Ste. Marie	<sup>1</sup> 12,096	18	1.49	8	.66	2.2
Minnesota:						
Austin	10,931	-----	-----	10	.91	-----
Faribault	11,627	-----	-----	14	1.20	-----
Hibbing	16,119	-----	-----	11	.68	-----
Mankato	13,009	-----	-----	21	1.62	-----
Rochester	15,235	-----	-----	13	.85	-----
St. Cloud	17,231	-----	-----	16	.93	-----
Winona	19,285	-----	-----	19	.99	-----

<sup>1</sup>Population Jan. 1, 1920.<sup>2</sup>Lobar pneumonia only.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Mississippi:						
Biloxi.....	11,680	29	2.48	9	0.77	3.2
Jackson.....	23,218	357	15.38	31	1.34	11.5
Missouri:						
Columbia.....	10,502			25	2.38	
Moberly.....	13,293			16	1.20	
St. Joseph.....	78,177			143	1.83	
Montana:						
Anaconda.....	12,063			31	2.57	
Butte.....	42,181			131	3.11	
Great Falls.....	26,739			38	1.42	
Helena.....	12,037			34	2.82	
Missoula.....	12,668	82	6.47	44	3.47	1.9
Nebraska:						
Lincoln.....	57,671			60	1.04	
Nevada:						
Reno.....	12,311			32	2.60	
New Hampshire:						
Berlin.....	17,217	28	1.63	19	1.10	1.5
Concord.....	22,359			40	1.79	
Dover.....	13,029			5	.38	
Keene.....	11,503			9	.78	
Manchester.....	80,526			107	1.33	
Nashua.....	28,990			43	1.48	
Portsmouth.....	14,160			17	1.20	
New Jersey:						
Asbury Park.....	12,978			14	1.08	
Atlantic City.....	51,880			77	1.48	
Bayonne.....	82,214			114	1.39	
Belleville.....	17,145	43	2.51			
Bloomfield.....	23,807	90	3.78	12	.50	7.5
Bridgeton.....	14,351	10	.70			
Clifton.....	30,230	47	1.55	22	.73	2.1
East Orange.....	54,918	144	2.62	26	.47	5.5
Englewood.....	12,065	37	3.07	15	1.24	2.5
Hackensack.....	18,598	57	3.05	22	1.18	2.6
Harrison.....	16,036	40	2.49			
Hoboken.....	68,166			183	2.68	
Kearny.....	28,799	75	2.60	41	1.42	1.8
Long Branch.....	13,577	23	1.69	15	1.10	1.5
Montclair.....	30,678	59	1.92	43	1.40	1.4
Morristown.....	12,558	39	3.11	7	.56	5.6
New Brunswick.....	35,144	57	1.62	54	1.54	1.1
Orange.....	34,254	246	7.18	48	1.40	5.1
Passaic.....	66,177	140	2.12	98	1.48	1.4
Perth Amboy.....	44,175			70	1.58	
Phillipsburg.....	17,700			18	1.02	
Plainfield.....	29,540	117	3.96	34	1.15	3.4
Rahway.....	11,480			17	1.48	
Summit.....	10,862	45	4.14	18	1.66	2.5
Union.....	20,651	11	.53			
West Hoboken.....	41,277			32	.78	
West New York.....	34,139			35	.97	
West Orange.....	16,755	62	3.70	10	.60	6.2
New York:						
Amsterdam.....	34,104	48	1.41	31	1.00	1.4
Auburn.....	36,585	58	1.59	30	.82	8.0
Batavia.....	13,971	56	4.01	16	1.15	3.5
Binghamton.....	71,525	314	4.39	82	1.15	3.8
Cohoes.....	22,987	15	.65	9	.39	1.7
Corning.....	16,358	25	1.53	21	1.28	1.2
Cortland.....	13,754	40	2.91	21	1.53	1.9
Dunkirk.....	19,879	105	5.28	27	1.36	3.9
Glens Falls.....	16,996	57	3.35	23	1.35	2.5
Gloversville.....	22,443	49	2.18			
Herkimer.....	11,209	10	.89	1	.09	10.0
Hornell.....	15,388	36	2.34	24	1.56	1.5
Hudson.....	11,803	40	3.39	17	1.44	2.4
Ithaca.....	17,569	60	3.42	23	1.31	2.6
Jamestown.....	40,879	118	2.89	37	.91	3.2
Johnstown.....	11,026	18	1.63	5	.45	3.6
Lackawanna.....	18,785	155	8.25	34	1.81	4.6
Little Falls.....	13,223	59	4.46	24	1.82	2.5
Lockport.....	21,908	49	2.24	31	1.42	1.6
Middletown.....	19,220	32	1.66	23	1.20	1.4

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## PNEUMONIA (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
New York—Continued						
Mount Vernon.....	45,766	237	5.18	77	1.68	3.1
Newburgh.....	31,024	61	1.97	15	.48	4.1
New Rochelle.....	38,104	169	4.44	52	1.36	3.2
Niagara Falls.....	55,990	133	2.38	72	1.29	1.8
North Tonawanda.....	16,390	32	1.95	26	1.59	1.2
Olean.....	21,989	70	3.18	25	1.14	2.8
Oneonta.....	12,120	21	1.73	17	1.40	1.2
Oswego.....	23,691	139	5.87	40	1.69	3.5
Peekskill.....	15,976	63	3.94	13	.81	4.8
Plattsburgh.....	110,909	.....	.....	23	2.11	.....
Port Chester.....	17,541	104	5.93	27	1.54	3.9
Poughkeepsie.....	36,818	118	3.20	46	1.25	2.6
Rensselaer.....	10,851	36	3.32	8	.74	4.5
Rome.....	27,845	69	2.48	31	1.11	2.2
Saratoga Springs.....	113,181	61	4.63	3	.23	20.3
Schenectady.....	92,687	194	2.09	75	.81	2.6
Troy.....	172,013	195	2.71	133	1.85	1.5
Watertown.....	32,458	54	1.66	34	1.05	1.6
Watervliet.....	16,331	43	2.63	15	.92	2.9
White Plains.....	22,046	120	5.44	28	1.27	4.3
North Carolina:						
Asheville.....	29,854	.....	.....	59	1.98	.....
Charlotte.....	49,511	.....	.....	85	1.72	.....
Greensboro.....	119,861	.....	.....	26	1.31	.....
New Bern.....	12,206	.....	.....	19	1.56	.....
Raleigh.....	28,572	.....	.....	45	1.57	.....
Rocky Mount.....	13,820	.....	.....	16	1.16	.....
Wilmington.....	35,048	.....	.....	77	2.20	.....
Winston-Salem.....	53,924	.....	.....	70	1.30	.....
North Dakota:						
Minot.....	11,469	.....	.....	18	1.57	.....
Ohio:						
Ashtabula.....	23,911	.....	.....	18	.75	.....
Barberton.....	20,844	62	2.97	30	1.44	2.1
Bellaire.....	15,604	46	2.95	19	1.22	2.4
Bucyrus.....	11,018	7	.64	4	.36	1.7
Cambridge.....	13,524	25	1.85	13	.96	1.9
Canton.....	95,742	.....	.....	105	1.10	.....
Chillicothe.....	16,171	.....	.....	20	1.24	.....
Cleveland Heights.....	18,399	16	.87	.....	.....	.....
Coshocton.....	11,168	.....	.....	15	1.34	.....
Cuyahoga Falls.....	11,791	29	2.46	13	1.10	2.2
East Cleveland.....	31,955	56	1.75	29	.91	1.9
East Liverpool.....	21,674	.....	.....	35	1.61	.....
East Youngstown.....	14,050	45	3.20	.....	.....	.....
Elyria.....	22,164	.....	.....	26	1.17	.....
Findlay.....	17,577	.....	.....	12	.68	.....
Fremont.....	13,118	.....	.....	17	1.30	.....
Hamilton.....	41,005	.....	.....	38	.93	.....
Ironton.....	14,227	.....	.....	18	1.27	.....
Kenmore.....	15,946	30	1.88	8	.50	3.7
Lima.....	43,777	.....	.....	48	1.10	.....
Lorain.....	39,661	.....	.....	42	1.06	.....
Mansfield.....	29,639	72	2.43	24	.81	3.0
Marietta.....	15,195	.....	.....	22	1.45	.....
Marion.....	29,991	.....	.....	27	.90	.....
Martins Ferry.....	12,277	.....	.....	37	3.01	.....
Middletown.....	27,457	40	1.46	31	1.13	1.3
Newark.....	27,056	.....	.....	34	1.26	.....
Niles.....	15,094	25	1.66	14	.93	1.8
Norwood.....	27,226	.....	.....	19	.70	.....
Piqua.....	15,469	16	1.03	14	.91	1.1
Salem.....	10,655	.....	.....	15	1.41	.....
Sandusky.....	23,645	32	1.35	21	.89	1.5
Springfield.....	64,423	.....	.....	74	1.15	.....
Steubenville.....	30,083	.....	.....	43	1.43	.....
Warren.....	30,518	.....	.....	35	1.15	.....
Zanesville.....	29,965	.....	.....	83	2.77	.....
Oklahoma:						
Bartlesville.....	16,638	.....	.....	44	2.64	.....
Oklahoma.....	98,370	.....	.....	174	1.77	.....
Tulsa.....	93,558	7	.07	.....	.....	.....
Oregon:						
Astoria.....	15,167	.....	.....	21	1.38	.....
Eugene.....	10,879	.....	.....	20	1.84	.....

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Pennsylvania:</b>						
Ambridge	14,668			37	2.52	
Beaver Falls	12,958	5	.39			
Braddock	21,269	50	2.35	27	1.27	1.9
Butler	24,438			37	1.51	
Canonsburg	11,930			24	2.01	
Carbondale	19,050			46	2.41	
Carlisle	11,074	4	.36			
Carrick	11,633			16	1.38	
Chambersburg	13,524			18	1.33	
Charleroi	12,004			20	1.67	
Chester	62,792			103	1.64	
Coatesville	15,398	14	.91	4	1.49	3.5
Connellsville	14,050			21	1.26	
Donora	15,449			21	1.36	
Easton	35,175			64	1.82	
Harrisburg	79,983			97	1.21	
Homestead	20,900	48	2.30			
Jeanette	11,133	8	.72	6	.54	1.3
Johnstown	69,212			147	2.12	
Lancaster	54,675			60	1.10	
McKeesport	47,834			111	2.32	
Monessen	19,555	16	.82	6	.31	2.7
Nanticoke	23,577			41	1.74	
New Castle	47,166	34	.72			
Norristown	33,462	11	.33			
North Braddock	15,726	14	.89	9	.57	1.6
Olyphant	10,681			26	2.43	
Phoenixville	10,484			15	1.43	
Sharon	23,208			35	1.51	
Shenandoah	24,726	180	7.28	46	1.86	3.9
Steelton	13,428	35	2.61	25	1.96	1.4
Sunbury	16,224	6	.37			
Swissvale	11,816	6	.51	0		
Tamaqua	13,108			23	1.75	
Warren	14,655			14	.96	
Washington	22,175	1	.05			
West Chester	11,717			33	2.82	
Wilkinsburg	25,761	10	.39	8	.31	1.2
Williamsport	37,315			66	1.77	
Woodlawn	15,453			22	1.42	
York	48,222			63	1.31	
<b>Rhode Island:</b>						
Cranston	31,543			39	1.24	
Newport	31,054			20	.64	
<b>South Carolina:</b>						
Greenville	25,028			34	1.36	
Spartanburg	23,956	60	2.50	37	1.54	1.6
<b>South Dakota:</b>						
Sioux Falls	28,062			29	1.03	
<b>Tennessee:</b>						
Knoxville	85,572			93	1.09	
<b>Texas:</b>						
Abilene	10,357	30	2.90	2	.19	15.0
Amarillo	16,532	48	2.90	19	1.15	2.5
Austin	36,167	40	1.11	7	.19	6.7
Beaumont	44,954			40	.89	
Cleburne	13,430			19	1.41	
Corpus Christi	11,114	4	.36	2	.18	2.0
Del Rio	10,589			2	.19	
Galveston	46,128			37	.80	
San Angelo	10,050			9	.90	
Waco	40,733	49	1.20	36	.88	1.4
Wichita Falls	48,237			34	.70	
<b>Utah:</b>						
Ogden	34,652			64	1.85	
<b>Vermont:</b>						
Barre	10,008			10	1.00	
Burlington	23,375			42	1.80	
Rutland	15,317			23	1.50	
<b>Virginia:</b>						
Alexandria	18,248	37	2.03	19	1.04	1.9
Danville	22,187			28	1.26	
Lynchburg	30,218			4	.13	
Newport News	35,596	4	.11			

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## PNEUMONIA (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Virginia—Continued.						
Petersburg.....	33,585	88	2.62	46	1.37	1.9
Portsmouth.....	56,497			74	1.31	
Washington:						
Aberdeen.....	15,718			19	1.21	
Bellingham.....	25,878			13	.50	
Everett.....	28,397			31	1.09	
Vancouver.....	13,495			6	.44	
Walla Walla.....	<sup>1</sup> 15,503			28	1.81	
Yakima.....	19,687			20	1.02	
West Virginia:						
Bluefield.....	16,302			22	1.35	
Charleston.....	43,896			66	1.50	
Clarksburg.....	29,019			63	2.17	
Fairmont.....	19,264	5	.26			
Huntington.....	56,135	264	4.70	82	1.46	3.2
Wheeling.....	<sup>1</sup> 56,208			130	2.31	
Wisconsin:						
Appleton.....	20,279			25	1.23	
Ashland.....	<sup>1</sup> 11,334			14	1.24	
Beloit.....	22,869	20	.87	17	.74	1.2
Eau Claire.....	21,574	2	.09			
Fond du Lac.....	24,618			32	1.30	
Green Bay.....	32,505			45	1.38	
Janesville.....	19,426			31	1.60	
Kenosha.....	44,858			49	1.69	
La Crosse.....	30,421			50	1.64	
Madison.....	41,336			45	1.09	
Marinette.....	<sup>1</sup> 13,610			13	.96	
Oshkosh.....	33,187			28	.84	
Racine.....	62,736			52	.83	
Sheboygan.....	32,128			34	1.06	
Superior.....	<sup>1</sup> 39,671	87	2.19	57	1.44	1.5
Wausau.....	19,453			38	1.95	
West Allis.....	15,573			18	1.16	
Wyoming:						
Cheyenne.....	14,437			36	2.49	

## POLIOMYELITIS (INFANTILE PARALYSIS).

City.	Estimated population July 1, 1922.	Median.		1922				Fatalities per 100 cases.
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	
Alabama:								
Mobile.....	62,978	5	1			1	0.02	
Arkansas:								
Fort Smith.....	30,131	2	0			1	.03	
California:								
Bakersfield.....	20,160	5	0	1	0.05	0		
Fresno.....	53,207	5	0	3	.06	1	.02	33.3
Long Beach.....	65,322	7	1	2	.03	0		
San Bernardino.....	20,251	4	0	0		3	.15	
San Diego.....	83,528	7	2	2	.02	0		
Stockton.....	43,702	3	1	2	.05			
Colorado:								
Greeley.....	11,673			1	.09	0		
Connecticut:								
Fairfield.....	12,851	1	1	2	.16	0		
Greenwich.....	23,580	6	1	1	.04	0		
New Manchester.....	19,588	2	0	0		1	.05	
New Britain.....	63,281	4	4	1	.02	0		
New London.....	27,240	3	0			1	.04	
Norwich.....	22,674	3	0	1	.04	0		
Torrington.....	23,398			3	.13			
Waterbury.....	96,496	6	2	1	.01	0		

<sup>1</sup> Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Florida:								
Miami.....	35,776	2	0	2	0.06	1	0.03	50.0
Georgia:								
Augusta.....	53,774	3	1	3	.06	1	.02	33.3
Rome.....	13,548	3	0	1	.07			
Savannah.....	87,678	3	0			1	.01	
Idaho:								
Boise.....	22,688	3	1	1	.04	0		
Pocatello.....	16,516	2	0	1	.06	0		
Illinois:								
Alton.....	25,642	3	3	4	.16			
Aurora.....	37,950	6	3			1	.03	
Centralia.....	13,214	3	0	1	.08			
Chicago Heights.....	20,773	3	2	1	.05	0		
East St. Louis.....	68,883	4	3			1	.01	
Galesburg.....	24,282	5	2			1	.04	
Jacksonville.....	15,811	2	3			1	.06	
Rockford.....	70,485	6	1	4	.06			
Rock Island.....	37,403	6	2	2	.05	0		
Springfield.....	61,076	4	2	6	.10	1	.02	16.7
Waukegan.....	20,039	4	2	1	.05			
Indiana:								
Bloomington.....	12,046	4	0			1	.08	
East Chicago.....	40,336	5	1			5	.12	
Fort Wayne.....	91,540	6	3	1	.01	0		
Gary.....	65,146	4	1	1	.02			
Marion.....	24,885	6	1			1	.04	
Muncie.....	39,236	4	0	1	.03			
Iowa:								
Burlington.....	24,057	6	0	2	.08	1	.04	50.0
Kansas:								
Hutchinson.....	25,063	3	0	1	.04			
Parsons.....	16,946	2	0			1	.06	
Topeka.....	51,902	4	2			1	.02	
Kentucky:								
Newport.....	29,317	4	0	1	.03	0		
Maine:								
Auburn.....	17,479	3	0	1	.06	0		
Bangor.....	26,281	1	1	2	.08	0		
Bath.....	16,104	2	0			1	.06	
Lewiston.....	33,219	2	1			3	.09	
Portland.....	72,027	5	1	1	.01	0		
Sanford.....	11,114	3	0			1	.09	
Waterville.....	13,839	3	0			1	.07	
Massachusetts:								
Attleboro.....	20,636	5	0	6	.29			
Belmont.....	12,090	2	2	1	.08	0		
Braintree.....	11,228	2	4	1	.09	0		
Brookton.....	68,667	7	2	1	.01	0		
Brookline.....	40,311	8	0	6	.15	2	.05	33.3
Clinton.....	12,979	4	1	2	.15	0		
Danvers.....	11,546	4	1	1	.09			
Everett.....	41,828	8	1	3	.07	0		
Gardner.....	17,556	7	1			1	.06	
Greenfield.....	16,757	4	0	1	.06	0		
Haverhill.....	56,399	6	9	2	.04	1	.02	50.0
Lawrence.....	96,426	7	4	9	.09	2	.02	22.2
Malden.....	50,313	5	3	2	.04	0		
Medford.....	43,141	6	2	5	.12	1	.02	20.0
Melrose.....	18,844	6	1	1	.05	0		
Methuen.....	16,152	4	1	2	.12	0		
Natick.....	11,175	4	0	3	.27	0		
Newton.....	47,662	8	1			1	.02	
Northampton.....	22,599	5	3	1	.04			
Northbridge.....	10,524	4	0	2	.19	0		
Peabody.....	20,537	7	1	1	.05			
Quincy.....	51,799	6	2	2	.04			
Saugus.....	11,602	3	0	1	.09	0		
Somerville.....	97,174	7	5	14	.14	1	.01	7.1
Taunton.....	37,877	5	0	2	.05	1	.03	50.0
Wakefield.....	13,441	2	2	1	.07	0		
Waltham.....	31,708	7	1	1	.03	0		
Webster.....	13,703	3	2	4	.29	0		
Westfield.....	19,262	8	1	1	.05			
Woburn.....	16,899	6	0	3	.18			

<sup>1</sup> Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>Michigan:</b>								
Benton Harbor.....	13,017	4	1	1	0.03	0		
Highland Park.....	53,222	5	1	1	.02			
Jackson.....	52,737	6	1			1	0.02	
Kalamazoo.....	50,817	6	1	1	.02	0		
Lansing.....	63,430	4	8	1	.02			
Pontiac.....	39,356	5	6	3	.08	0		
Port Huron.....	27,767	3	1	1	.04			
<b>Minnesota:</b>								
Mankato.....	13,009	3	1	1	.08			
Rochester.....	15,235					2	.13	
<b>New Hampshire:</b>								
Berlin.....	17,217	3	0	2	.12			
Concord.....	22,339	4	1			1	.04	
Keene.....	11,503	2	0			1	.09	
Manchester.....	80,526	7	1	1	.01	0		
Nashua.....	28,990	4	2	1	.03	0		
<b>New Jersey:</b>								
Asbury Park.....	12,978	7	0	1	.08	0		
Bloomfield.....	23,807	5	0			1	.04	
Clifton.....	30,230	2	1			1	.03	
Kearny.....	28,799	6	1	1	.03			
Orange.....	34,254	6	1	3	.09			
Passaic.....	66,177	8	1	1	.02	0		
Plainfield.....	29,540	3	1	3	.10	0		
Rahway.....	11,480	4	1	2	.17	0		
Union.....	120,651	2	1	1	.05			
West Hoboken.....	41,277	1	4	1	.02			
West New York.....	34,139	3	1	2	.06			
<b>New York:</b>								
Auburn.....	36,585	2	1	24	.66	3	.08	12.5
Cohoes.....	122,987	5	0	2	.09			
Cortland.....	13,754	6	0	15	1.09	5	.36	33.3
Dunkirk.....	19,879	5	0			1	.05	
Hornell.....	15,388	3	0	5	.32	1	.06	20.0
Ithaca.....	17,569	7	1	5	.28	0		
Jamestown.....	40,879	6	1	3	.07	1	.02	33.3
Little Falls.....	13,223	5	0	2	.15			
Middletown.....	19,220	5	1	2	.10			
New Rochelle.....	38,104	5	2	2	.05			
Niagara Falls.....	55,990	5	1	2	.04			
North Tonawanda.....	16,390	6	1			1	.05	
Olean.....	21,989	6	2	2	.09	1	.05	50.0
Oswego.....	23,691	1	1	21	.89	8	.34	38.1
Peekskill.....	15,976	5	1	4	.25	0		
Port Chester.....	17,541	4	0	1	.05			
Poughkeepsie.....	36,818	4	1	3	.08	2	.05	66.7
Rome.....	27,845	6	0	20	.72	7	.25	
Troy.....	172,013	7	3	2	.03			
Watertown.....	32,458	7	1	3	.09	1	.03	33.3
White Plains.....	22,046	5	1	5	.23			
<b>North Carolina:</b>								
New Bern.....	12,206			1	.08	0		
Wilmington.....	35,048	4	0	6	.17	0		
Winston-Salem.....	53,924	3	0			1	.02	
<b>Ohio:</b>								
Cambridge.....	13,524	3	3			11	.81	
Hamilton.....	41,005	5	0			1	.02	
Lorain.....	39,661	6	1	1	.03			
Warren.....	30,518	6	1	1	.03	0		
<b>Oregon:</b>								
Astoria.....	15,167	5	1			1	.07	
<b>Pennsylvania:</b>								
Bethlehem.....	58,020	4	1	2	.03			
Bradford.....	15,648	4	1	1	.05			
Norristown.....	33,462	6	0	1	.03			
West Chester.....	11,717	4	0	1	.09	0		
<b>Rhode Island:</b>								
Cranston.....	31,543	4	2	3	.10	1	.03	
Newport.....	31,054	7	1	2	.06	0		
<b>South Carolina:</b>								
Columbia.....	39,070	2	1	3	.08			
Greenville.....	25,028	3	1	1	.04			

1 Population Jan. 1, 1920

**Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.**  
**POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.**

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>Texas:</b>								
Amarillo.....	16,532	4	0	1	0.06	0		
Marshall.....	14,997	4	0	1	.07			
<b>Vermont:</b>								
Burlington.....	23,375	5	1	1	.04			
Rutland.....	15,317	6	1	2	.13			
<b>Virginia:</b>								
Petersburg.....	33,585	5	1	2	.06	0		
Portsmouth.....	50,497	3	0	2	.04	0		
<b>Washington:</b>								
Bellingham.....	25,878	4	1	2	.08	0		
Everett.....	33,397	4	0	1	.04	0		
<b>West Virginia:</b>								
Bluefield.....	16,302	3	2			1	.06	
Charleston.....	43,885	3	3			1	.02	
Huntington.....	56,135			3	.05			
<b>Wisconsin:</b>								
Appleton.....	20,279	3	0	1	.05	0		
Beloit.....	22,869	7	0	2	.09	0		
La Crosse.....	30,421	6	3	1	.03			
Madison.....	41,336	6	2	8	.19	1	.02	12.5
Wausau.....	19,453	4	2	1	.05	0		
West Allis.....	15,573	1	0	1	.06			
<b>Wyoming:</b>								
Cheyenne.....	14,437	4	0	1	.07			

**RABIES IN ANIMALS.**

City.	Cases reported, 1922.	City.	Cases reported, 1922.
<b>Alabama:</b>		<b>New Jersey:</b>	
Anniston.....	4	Bayonne.....	4
<b>California:</b>		Belleville.....	1
Berkeley.....	9	Clifton.....	1
Glendale.....	11	East Orange.....	4
Pasadena.....	50	Englewood.....	1
Pomona.....	6	Hackensack.....	1
Riverside.....	3	Montclair.....	4
Sacramento.....	1	Morristown.....	1
<b>Colorado:</b>		Orange.....	5
Pueblo.....	3	Phillipsburg.....	3
<b>Connecticut:</b>		Plainfield.....	4
New Britain.....	1	Summit.....	1
<b>Georgia:</b>		West Orange.....	1
Albany.....	24	<b>North Carolina:</b>	
Savannah.....	27	Wilmington.....	47
<b>Idaho:</b>		Winston-Salem.....	3
Pocatello.....	3	<b>Oklahoma:</b>	
<b>Indiana:</b>		McAlester.....	6
Elwood.....	1	<b>Pennsylvania:</b>	
<b>Iowa:</b>		Monessen.....	1
Boone.....	4	Sharon.....	1
Mason City.....	2	Washington.....	1
<b>Kansas:</b>		West Chester.....	1
Coffeyville.....	2	<b>South Carolina:</b>	
Parsons.....	8	Spartanburg.....	6
<b>Kentucky:</b>		<b>Texas:</b>	
Henderson.....	6	Abilene.....	3
<b>Massachusetts:</b>		Austin.....	2
Arlington.....	4	Beaumont.....	26
Belmont.....	4	<b>Utah:</b>	
Chelsea.....	2	Ogden.....	2
Holyoke.....	3	<b>Virginia:</b>	
Medford.....	8	Alexandria.....	6
Melrose.....	10	Lynchburg.....	15
Methuen.....	2	<b>West Virginia:</b>	
Newton.....	16	Fairmont.....	2
Salem.....	1		
Winthrop.....	5		

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## RABIES IN MAN.

City.	Deaths registered, 1922.	City.	Deaths registered, 1922.
California:		Massachusetts:	
Venice.....	1	Salem.....	1
Georgia:		South Carolina:	
Augusta.....	1	Spartanburg.....	4
Macon.....	1		
Idaho:			
Pocatello.....	1		

## ROCKY MOUNTAIN SPOTTED FEVER.

City.	Cases reported, 1922.	Deaths registered, 1922.	City.	Cases reported, 1922.	Deaths registered, 1922.
Colorado:			Montana:		
Boulder.....	1		Helena.....	1	0
Idaho:			Missoula.....	2	2
Pocatello.....	2	2			

## SCARLET FEVER.

City.	Estimated population, July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Anniston.....	19,004	6	11	5	0.26	0		
Bessemer.....	20,174	1	13	9	.45			
Mobile.....	62,978	8	33	25	.40			
Montgomery.....	44,834	5	32	30	.67			
Arizona:								
Phoenix.....	32,514	1	59	13	.40	1	0.03	7.7
Tucson.....	23,175	3	4	6	.26	0		
Arkansas:								
Fort Smith.....	30,131	2	51	25	.83	0		
Little Rock.....	69,266	6	76	72	1.04	1	.01	1.4
North Little Rock.....	14,796	3	13	15	1.01	1	.07	6.7
California:								
Alameda.....	30,201	8	37	156	5.17	0		
Bakersfield.....	20,160	7	18	18	.89	2	.10	11.1
Berkeley.....	61,388	8	72	131	2.13	1	.02	.8
Eureka.....	13,200	6	37	59	4.47			
Fresno.....	53,207	6	47	93	1.75	1	.02	1.1
Glendale.....	16,950	1	31	20	1.18	0		
Long Beach.....	65,322	8	31	58	.89	0		
Pasadena.....	51,766	7	40	93	1.80	2	.04	2.2
Pomona.....	14,353	3	10	30	2.09	0		
Richmond.....	19,428	2	36	7	.36	0		
Riverside.....	20,404	5	18	20	.98			
Sacramento.....	68,795	7	67	229	3.33	5	.07	2.2
San Bernardino.....	20,251	8	11	14	.69	1	.05	7.1
San Diego.....	83,528	8	79	276	3.30	3	.04	1.1
San Jose.....	41,280	6	49	21	.51			
Santa Ana.....	17,300	3	9	24	1.39	1	.06	4.2
Santa Cruz.....	10,917	7	8	7	.64			
Santa Monica.....	17,157	2	8	8	.47			
Stockton.....	43,702	3	62	103	2.36			
Venice.....	12,255	2	8	5	.41			

<sup>1</sup> Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

SCARLET FEVER—Continued

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>Colorado:</b>								
Boulder.....	11,384	3	30	12	1.05			
Colorado Springs.....	130,105	7	51	17	.60	2	0.07	11.1
Greeley.....	11,673			17	1.46	0		
Pueblo.....	43,385	4	44	83	1.91	0		
Trinidad.....	10,956	7	22	3	.27			
<b>Connecticut:</b>								
Bristol.....	22,453	5	44	17	2.76			
Fairfield.....	12,851	1	53	29	.26	0		
Greenwich.....	23,580	8	42	104	4.41	0		
Manchester.....	19,588	4	36	56	2.86	0		
Meriden.....	35,458	3	147	45	1.27			
Milford.....	11,693	2	57	20	1.71	1	.09	5.0
New Britain.....	63,281	7	102	60	.95	1	.02	1.7
New London.....	27,240	5	50	25	.92	0		
Norwich.....	22,674	6	27	30	1.32	0		
Stamford.....	37,659	2	30	101	2.68	4	.11	4.0
Stratford.....	14,055	2	45	48	3.42	1	.07	2.1
Torrington.....	23,398		26	1	1.11			
Waterbury.....	96,498	7	134	328	3.40	7	.07	2.1
<b>Florida:</b>								
Miami.....	35,776	2	16	3	.08	0		
St. Petersburg.....	22,353			23	1.03			
Tampa.....	54,781	5	18	12	.22	0		
<b>Georgia:</b>								
Albany.....	12,363	1	11	13	1.05			
Athens.....	17,220	1	54	5	.29			
Augusta.....	53,774	6	33	34	.63	0		
Brunswick.....	15,501	6	2	4	.26	0		
Macon.....	55,378	5	50	21	.38			
Rome.....	13,548	4	24	97	7.16			
Savannah.....	87,678	4	56	42	.48	1	.01	2.4
<b>Idaho:</b>								
Boise.....	22,688	4	22	55	2.42	0		
Pocatello.....	16,516	4	13	4	.24	0		
<b>Illinois:</b>								
Alton.....	25,642	7	25	75	2.92	1	.04	1.3
Aurora.....	37,950	8	70	46	1.21	2	.05	4.3
Berwyn.....	16,288			36	2.21	0		
Bloomington.....	29,428	2	159	39	1.33	0		
Blue Island.....	12,178	2	62	15	1.23	0		
Centralia.....	13,214	5	9	18	1.36			
Champaign.....	17,186	7	32	38	2.21			
Chicago Heights.....	20,773	3	70	25	1.20	0		
Cicero.....	52,533	6	66	40	.76	1	.02	2.5
Danville.....	35,197	7	30	74	2.10	1	.03	1.4
East St. Louis.....	68,883	5	70	53	.77	1	.01	1.9
Elgin.....	27,835	8	35	36	1.29			
Evanston.....	40,256	8	72	72	1.79	2	.05	2.8
Forest Park.....	11,843	1	24	11	.93			
Freeport.....	20,132	5	45	94	4.67			
Galesburg.....	24,262	6	18	13	.54			
Granite City.....	15,852	5	20	7	.44			
Herrin.....	12,048			27	2.24	3	.25	11.1
Jacksonville.....	15,811	6	11	99	6.26	0		
Kewanee.....	18,779	3	12	85	4.63	1	.05	1.2
La Salle.....	13,439	7	15	15	1.12	0		
Mattoon.....	14,091	5	15	18	1.28			
Maywood.....	13,060	5	57	35	2.68	1	.08	2.9
Moline.....	32,177	7	41	23	.71			
Oak Park.....	45,114	7	107	87	1.93	1	.02	1.1
Ottawa.....	11,146	2	38	62	5.56	1	.09	1.6
Pekin.....	12,649	5	21	29	2.29	0		
Peoria.....	78,731	6	250	275	3.49	1	.01	.4
Quincy.....	37,478	8	20	117	3.12	8	.21	6.8
Rockford.....	70,485	8	122	212	3.01	4	.06	1.9
Rock Island.....	37,403	6	45	28	.75	0		
Springfield.....	61,076	6	88	144	2.36	5	.08	3.5
Streator.....	14,914	2	10	50	3.35	3	.20	6.0
Urbana.....	10,745	3	41	21	1.95	1	.09	4.8
Waukegan.....	20,039	5	21	67	3.34	3	.15	4.5

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## SCARLET FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>Indiana:</b>								
Anderson	31,625	6	36	68	2.15			
Bloomington	12,046	4	23	9	.75			
Clinton	12,180	1	2	6	.49	2	0.16	33.3
Crawfordsville	10,317	4	16	28	2.71	0		
East Chicago	40,336	5	67	52	1.29	0		
Elwood	10,890	5	4	26	2.39	0		
Fort Wayne	91,549	8	58	87	.95	0		
Frankfort	12,250	4	49	26	2.12	0		
Gary	65,146	5	81	77	1.18	2	.03	2.6
Huntington	14,870	6	33	54	3.63	1	.07	1.9
Kokomo	33,429	7	65	42	1.26	0		
La Fayette	23,079	8	66	28	1.21			
Laporte	16,241	2	52	22	1.35			
Logansport	22,236	8	30	22	.99	1	.04	4.5
Marion	24,895	7	37	61	2.45			
Mishawaka	19,567	2	102	80	4.09	4	.20	5.0
Mishawaka	15,865	7	40	118	7.44	0		
Muncie	39,236	7	25	22	.56			
Newcastle	15,593	5	12	4	.26	0		
Peru	12,533	2	18	22	1.76	0		
Richmond	28,124	5	50	22	.78	0		
South Bend	75,093	4	122	141	1.88	2	.03	1.4
Terre Haute	68,123	5	73	133	1.95	3	.04	2.3
Whiting	11,060	1	50	10	.90			
<b>Iowa:</b>								
Boone	12,991	2	29	37	2.85			
Burlington	24,057	8	42	37	1.54	0		
Cedar Rapids	48,849	8	42	71	1.45	1	.02	1.4
Clinton	24,151	7	20	38	1.57	0		
Council Bluffs	37,930	7	107	75	1.98	1	.03	1.3
Davenport	59,966	8	169	36	.60	0		
Dubuque	39,306	5	47	75	1.91	1	.03	1.3
Iowa City	11,570	2	6	17	1.47			
Mason City	22,263	6	28	48	2.16	3	.13	6.2
Muscatine	16,068	5	14	36	2.24			
Sioux City	77,252	5	173	127	1.64	1	.01	.8
Waterloo	38,685	5	71	177	4.58	1	.03	.6
<b>Kansas:</b>								
Atchison	12,630	3	45	45	3.56			
Chanute	10,346			50	4.74	4	.38	8.0
Coffeyville	13,647	7	14	13	.95	0		
Eldorado	13,020	2	48	28	2.15	1	.08	3.6
Fort Scott	10,751	6	3	18	1.67	1	.09	5.6
Hutchinson	25,083	4	88	47	1.87			
Independence	12,313	1	24			1	.08	
Lawrence	12,476	4	39	30	2.40	0		
Leavenworth	16,912	8	26	21	1.42	0		
Parsons	16,964	2	17	37	2.18	1	.06	2.7
Pittsburg	18,857	3	32	34	1.80	0		
Topeka	51,902	5	123	122	2.35	1	.02	.8
Wichita	77,277	8	78	298	3.86	5	.06	1.7
<b>Kentucky:</b>								
Covington	57,661	5	64	47	.82	2	.03	4.3
Henderson	12,352	2	44	4	.32	0		
Lexington	43,062	8	59	27	.63	1	.02	3.7
Newport	29,317	7	22	20	.68	1	.03	5.0
Owensboro	21,486	6	13	14	.65			
Paducah	25,243	7	17	67	2.65	0		
<b>Maine:</b>								
Auburn	17,479	4	16	122	6.98	0		
Bangor	26,281	4	11	31	1.18	0		
Bath	16,104	2	33	2	.12	0		
Biddeford	18,246	3	8	10	.55	1	.05	10.0
Lewiston	33,219	6	18	99	2.98	1	.03	1.0
Portland	72,027	7	123	304	4.22	1	.01	.3
Sanford	11,114	4	5	29	2.61			
Waterville	13,839	4	16	13	.94	0		
<b>Maryland:</b>								
Annapolis	11,859			4	.34			
Cumberland	31,671	8	89	45	1.42	1	.03	2.2

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

SCARLET FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Massachusetts:								
Adams	1 12,967	6	12	55	4.24	0		
Arlington	20,590	6	40	28	1.36	0		
Attleboro	20,636	5	50	4	.19			
Belmont	12,090	2	17	37	3.06	0		
Beverly	23,566	7	37	54	2.29	1	0.04	1.9
Braintree	11,228	2	36	45	4.01	0		
Brockton	68,667	7	117	321	4.67	2	.03	.6
Brookline	41,311	8	63	56	1.39	1	.02	1.8
Chelsea	41,947	8	77	120	2.61	0		
Chicopee	38,997	7	39	18	.46	1	.03	5.6
Clinton	1 12,979	8	25	18	1.39	0		
Danvers	11,546	4	26	19	1.65			
Dedham	11,180	3	16	35	3.13			
Easthampton	11,965	4	11	12	1.00	1	.08	8.3
Everett	41,828	8	85	100	2.39	0		
Fitchburg	41,853	7	52	39	.93	0		
Frammingham	18,083	6	34	19	1.05	0		
Gardner	17,556	7	44	64	3.65	0		
Greenfield	16,757	7	35	29	1.73	0		
Haverhill	56,399	8	84	99	1.76	0		
Holyoke	60,639	8	139	59	.97	1	.02	1.7
Lawrence	96,426	8	145	61	.63	0		
Leominster	20,302	7	42	21	1.03	1	.05	4.8
Malden	50,313	8	124	187	3.72	4	.08	2.1
Marlboro	15,143	6	18	13	.86	0		
Medford	43,141	8	76	87	2.02	0		
Melrose	18,844	7	43	81	4.30	0		
Methuen	16,152	4	44	49	3.03	1	.06	2.0
Milford	13,576	6	26	13	.96	0		
Natick	11,175	5	28	17	1.52	0		
Newburyport	15,789	5	14	24	1.52			
Newton	47,662	8	96	166	3.48	3	.06	1.8
North Adams	22,350	8	12	19	.85	0		
Northampton	22,599	8	45	69	3.05	0		
Northbridge	10,524	4	10	1	.10	0		
Norwood	13,815	2	19	17	1.23			
Peabody	20,537	7	27	29	1.41			
Pittsfield	44,246	8	78	144	3.25	3	.07	2.1
Plymouth	13,278	4	19	94	7.08			
Quincy	51,799	6	114	135	2.61	1	.02	.7
Salem	1 42,529	8	47	70	1.65	8	.19	11.4
Saugus	11,602	3	45	33	2.84	0		
Somerville	97,174	8	205	201	2.07	3	.03	1.5
Southbridge	14,670	8	3	15	1.02	1	.07	6.7
Taunton	37,877	6	47	45	1.19	0		
Wakefield	13,441	2	33	31	2.31	0		
Waltham	31,708	8	66	157	4.95	0		
Watertown	23,667	7	27	31	1.31			
Webster	13,708	6	8	19	1.39	3	.22	15.8
Westfield	19,262	8	46	1	.05			
Winchester	10,788	5	13	43	3.99			
Winthrop	16,825	8	48	14	.83			
Woburn	16,899	8	44	42	2.49	2	.12	4.8
Michigan:								
Adrian	12,163	5	14	8	.66			
Ann Arbor	20,726	8	38	39	1.88	0		
Battle Creek	38,970	8	84	127	3.26	0		
Bay City	48,169	7	96	29	.60	1	.02	3.4
Benton Harbor	13,017	5	31	75	5.76	2	.15	2.7
Hamtramck	63,668	2	44	28	.44			
Highland Park	58,222	5	169	141	2.42			
Holland	12,618	4	6	64	5.07			
Ironwood	16,490	7	44	99	6.00	2	.12	2.0
Ishpeming	1 10,500	4	21	3	.29			
Jackson	52,737	7	238	184	3.49	4	.08	2.2
Kalamazoo	50,817	8	83	386	7.60	8	.16	2.1
Lansing	63,430	5	115	166	2.62	2	.03	1.2
Muskegon	39,533	6	89	37	.94	0		
Pontiac	39,356	6	143	97	2.46	1	.03	1.0
Port Huron	27,767	5	65	40	1.44			
Saginaw	68,581	6	116	212	3.09	3	.04	1.4
Sault-Ste Marie	1 12,096	8	12	48	3.97	2	.17	4.2

1 Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## SCARLET FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Minnesota:								
Austin.....	10,931	2	38	21	1.92			
Faribault.....	11,627	2	2	77	6.62	0		
Hibbing.....	16,119	4	25	192	11.91	1	0.06	0.5
Mankato.....	13,009	6	22	86	6.61			
Rochester.....	15,235	1	20	33	2.17	1	.07	3.0
St. Cloud.....	17,231	4	30	146	8.47	1	.06	.7
Winona.....	19,286	4	13	37	1.92	0		
Mississippi:								
Biloxi.....	11,680	1	0	2	.17	0		
Jackson.....	23,218	2	65	16				
Missouri:								
Moberly.....	13,293	3	12	62	4.66	1	.08	1.6
St. Joseph.....	78,177	6	124	127	1.62	7	.09	5.5
Montana:								
Anaconda.....	12,063	4	32	1	.08	0		
Butte.....	42,181	6	81	17	.40			
Great Falls.....	26,739	6	74	22	.82	0		
Helena.....	<sup>1</sup> 12,037	2	4	77	6.40	2	.17	2.6
Missoula.....	<sup>1</sup> 12,668	7	20	14	1.11			
Nebraska:								
Grand Island.....	14,699	6	54	42	2.86			
Lincoln.....	57,671	8	123	54	.94	3	.05	5.6
Nevada:								
Reno.....	12,311	7	16	7	.57			
New Hampshire:								
Berlin.....	17,217	7	5	10	.58			
Concord.....	22,339	8	31	41	1.84			
Keene.....	11,503	3	20	29	2.52	1	.09	3.4
Manchester.....	80,526	8	90	45	.56	0		
Nashua.....	28,990	6	48	7	.24	1	.03	14.3
Portsmouth.....	14,160	6	37	4	.28			
New Jersey:								
Asbury Park.....	12,973	8	9	38	2.93	1	.08	2.6
Atlantic City.....	51,880	5	60	117	2.26			
Bayonne.....	82,214	7	87	96	1.17	2	.02	2.1
Belleville.....	17,143	5	32	55	3.21			
Bloomfield.....	23,807	6	51	72	3.02	0		
Bridgeton.....	14,351	4	14	39	2.72	1	.07	2.6
Clifton.....	30,230	2	65	108	3.57	1	.03	.9
East Orange.....	54,918	8	77	208	3.79	1	.02	.5
Englewood.....	12,065	5	30	33	2.74			
Hackensack.....	18,598	7	21	57	3.06	0		
Harrison.....	16,036	7	26	39	2.43			
Hoboken.....	<sup>1</sup> 68,166	4	128	74	1.09	4	.06	5.4
Kearny.....	28,799	8	80	81	2.81			
Long Branch.....	13,577	8	23	124	9.13	0		
Montclair.....	30,678	8	44	111	3.62			
Morristown.....	12,558	8	25	62	4.94	0		
New Brunswick.....	35,144	7	34	154	4.38	1	.03	.6
Orange.....	34,254	7	65	171	4.99	1	.03	.6
Passaic.....	66,177	8	54	253	3.82	2	.03	.8
Perth Amboy.....	44,175	8	37	136	3.08	0		
Plainfield.....	29,540	8	39	90	3.05	3	.10	3.3
Rahway.....	11,480	5	6	41	3.57	0		
Summit.....	10,862	2	27	32	2.95	0		
Union.....	<sup>1</sup> 20,651	2	17	121	5.86			
West Hoboken.....	41,277	8	43	89	2.16	2	.05	2.2
West New York.....	34,139	7	38	64	1.87	5	.15	7.8
West Orange.....	16,755	7	42	99	5.91			
New York:								
Amsterdam.....	34,104	4	30	123	3.61	11	.32	8.9
Auburn.....	36,585	7	57	38	1.04	1	.03	2.6
Batavia.....	13,971	2	34	30	2.15			
Binghamton.....	71,525	8	86	153	2.17	1	.01	.6
Cohoes.....	<sup>1</sup> 22,987	5	13	27	1.17			
Corning.....	16,358	7	8	20	1.22			
Cortland.....	13,754	7	36	7	.51			
Dunkirk.....	19,879	8	26	105	5.28	1	.05	1.0
Glens Falls.....	16,996	5	5	3	.13			
Gloversville.....	22,443	7	10	5	.22			
Herkimer.....	11,209	2	16	14	1.25	0		
Hornell.....	15,388	6	10	13	.84			

<sup>1</sup>Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

SCARLET FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
New York—Continued.								
Hudson	11,803	3	3	15	1.27	0		
Ithaca	17,569	8	45	49	2.73	0		
Jamestown	40,879	6	74	134	3.28	3	0.07	2.2
Johnstown	11,026	6	2	68	6.17	0		
Lackawanna	18,785	6	33	112	5.96	1	.05	.9
Little Falls	13,223	8		21	.98			
Lockport	21,908	4	32	58	2.65	0		
Middletown	19,220	7	25	30	1.56	1	.05	3.3
Mount Vernon	45,766	8	49	143	3.12	0		
Newburgh	31,024	7	29	30	.97	0		
New Rochelle	38,104	6	58	100	2.62	2	.05	2.0
Niagara Falls	55,990	8	64	363	6.48	2	.04	.6
North Tonawanda	16,390	8	18	144	8.79			
Olean	21,989	8	25	25	1.14			
Oneonta	12,120	1	0	39	3.22	0		
Oswego	23,691	4	15	25	1.06	0		
Plattsburgh	10,909	6	10	33	3.03	5	.46	15.2
Port Chester	17,541	6	17	30	1.71	1	.06	3.3
Poughkeepsie	36,818	6	51	18	.49	0		
Rensselaer	10,851			3	.28			
Rome	27,845	8	20	179	6.43	0		
Saratoga Springs	13,181	6	14	34	2.58			
Schenectady	92,687	8	131	434	4.68	6	.06	1.4
Troy	172,013	7	121	48	.67			
Watertown	32,458	8	22	87	2.68	0		
Watervliet	16,331	2	12	30	1.84	1	.06	3.3
White Plains	22,046	6	33	64	2.90			
North Carolina:								
Asheville	29,854	8	25	41	1.37			
Greensboro	19,861			48	2.42	1	.05	2.1
New Bern	12,306			2	.16	0		
Raleigh	28,572	5	25	68	2.38	1	.03	1.5
Rocky Mount	13,820	4	5	22	1.59			
Wilmington	35,048	7	22	33	.94	0		
Winston-Salem	53,924	5	40	73	1.35	0		
North Dakota:								
Fargo	23,911	6	63	70	2.92	3	.13	4.3
Minot	11,469			67	5.84	1	.09	1.5
Ohio:								
Ashtabula	23,911	7	20	8	.33	0		
Barberton	20,844	4	24	39	1.87	1	.05	2.6
Bellaire	15,604	3	10	24	1.54	0		
Bucyrus	11,018	2	35	26	2.36	1	.09	3.8
Cambridge	13,524	4	14	11	.81			
Canton	95,742	8	184	122	1.27			
Chillicothe	16,171	8	40	52	3.22			
Cleveland Heights	18,399			119	6.47			
Coshocton	11,168	5	1	45	4.03	0		
Cuyahoga Falls	11,791	1	35	19	1.61			
East Cleveland	31,955	5	39	70	2.19			
East Liverpool	21,674	2	24	46	2.12			
East Youngstown	14,050	2	48	38	2.70			
Elyria	22,164	8	23	36	1.62	2	.09	5.6
Findlay	17,577	7	18	9	.51	0		
Fremont	13,118	4	34	9	.69	1	.08	11.1
Hamilton	41,005	8	50	40	.98	0		
Ironton	14,227	1	21	14	.98	1	.07	7.1
Kenmore	15,946	1	30	59	3.70			
Lima	43,777	6	81	54	1.23	3	.07	5.6
Lorain	39,661	8	85	134	3.38	1	.03	.7
Mansfield	29,639	8	15	50	1.69	2	.07	4.0
Marion	29,991	5	13	48	1.60	0		
Martins Ferry	12,277	3	51	12	.98	0		
Middletown	27,457	8	28	13	.47			
Newark	27,056	6	55	65	2.40			
Niles	15,094	2	69	29	1.92			
Norwood	27,226	8	21	40	1.47	1	.04	2.5
Piqua	15,469	8	19	7	.45	0		
Salem	10,655	2	83	61	5.73	0		
Sandusky	23,645	8	12	58	2.45	2	.08	3.4
Springfield	64,423	7	75	56	.87	0		

Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## SCARLET FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Ohio—Continued.								
Steubenville	30,083	8	27	35	1.16	2	0.07	5.7
Warren	30,518	7	21	75	2.46	3	.10	4.0
Zanesville	29,965	7	27	125	4.17	1	.03	.8
Oklahoma:								
Bartlesville	16,638	1	7			2	.12	
Chickasha	<sup>1</sup> 10,179	1	10	5	.49			
McAlester	<sup>1</sup> 12,095	6	15	11	.91			
Oklahoma	98,370	7	135	150	1.52	1	.01	.7
Tulsa	93,558	2	41	126	1.35			
Oregon:								
Astoria	15,167	5	9	2	.13	0		
Eugene	10,879	5	11	28	2.67	0		
Pennsylvania:								
Altoona	63,523	7	52	85	1.34	6	.09	7.1
Ambridge	14,668	2	14	26	1.77			
Beaver Falls	12,958	2	19	20	1.54			
Berwick	12,769	1	53	40	3.13			
Bethlehem	58,029	6	27	110	1.90			
Bradford	21,269	6	35	15	.71			
Bradford	15,648	6	18	13	.83			
Butler	24,438	7	50	38	1.55			
Canonsburg	11,930	2	31			3	.25	
Carbondale	19,050	7	16	6	.31	1	.05	16.7
Carlisle	11,074	7	5	6	.54			
Carrick	11,633	2	22	32	2.75			
Chambersburg	13,524	5	7	59	4.36	1	.07	1.7
Charleroi	12,004	4	22	46	3.83	0		
Chester	62,792	3	56	111	1.77			
Coatesville	15,398	5	36	5	.32			
Connellsville	14,050	6	48	14	1.00			
Donora	15,449	2	11	6	.39			
Easton	35,175	7	13	23	1.65			
Farrell	16,924	5	12	60	3.55			
Harrisburg	79,983	7	84	206	2.58			
Hazleton	34,034	7	42	14	.41			
Homestead	20,900	8	29	4	.19			
Jeannette	11,133	2	38	9	.81			
Johnstown	69,212					1	.01	
Lancaster	54,675	7	38	312	5.71			
McKeesport	47,834	8	46	36	.75	1	.02	2.8
Monessen	19,555	6	30	38	1.94	1	.05	2.6
Mount Carmel	<sup>1</sup> 17,469	1	4	23	1.32			
Nanticoke	23,577	7	23	5	.21			
New Castle	47,166	8	92	75	1.59			
Norristown	33,462	8	51	36	1.08			
North Braddock	15,726	6	29	23	1.46	0		
Oil City	22,177	6	34	75	3.38			
Phoenixville	<sup>1</sup> 10,484	2	35	14	1.34			
Pittston	19,070	6	14	7	.36			
Plymouth	<sup>1</sup> 16,500	7	11	1	.06			
Shamokin	21,452			7	.33			
Sharon	23,208	4	37	41	1.77	0		
Shenandoah	<sup>1</sup> 24,726	5	34	65	2.63	16	.65	24.6
Steelton	<sup>1</sup> 13,423	7	13	76	5.66	1	.07	1.3
Sunbury	16,224	6	27	20	1.23			
Swissvale	11,816	2	50	39	3.30	0		
Tamaqua	13,108	5	21	9	.69			
Uniontown	<sup>1</sup> 15,692	5	42	78	4.97			
Warren	14,655	8	17	14	.96	0		
Washington	22,175	7	33	82	3.70			
West Chester	<sup>1</sup> 11,717	8	14	7	.60	0		
Wilkinsburg	25,761	4	53	66	2.56			
Williamsport	37,315	4	54	52	1.39	0		
Woodlawn	15,453	2	20	16	1.04	0		
York	48,222	6	53	117	2.43	0		
Rhode Island:								
Cranston	31,543	8	39	23	.73			
Newport	31,054	8	50	117	3.77	3	.10	2.6
South Carolina:								
Columbia	39,070	3	40	35	.90			
Greenville	25,028	7	15	37	1.43			
Spartanburg	23,956	5	20	30	1.25	0		

<sup>1</sup> Population, Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

SCARLET FEVER—Continued

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>South Dakota:</b>								
Aberdeen.....	15,460	2	54	87	5.63			
Sioux Falls.....	28,062	6	61	61	2.17	0		
<b>Tennessee:</b>								
Jackson.....	19,343	3	3	78	4.03			
Knoxville.....	85,572	5	74	65	.76	1	0.01	1.5
<b>Texas:</b>								
Abilene.....	10,357			9	.87	1	.10	11.1
Amarillo.....	16,532	4	24	56	3.39	0		
Austin.....	36,167	6	22	11	.30	0		
Cleburne.....	13,430	3	3	1	.07	0		
Galveston.....	46,128	6	11	7	.15	0		
Marshall.....	14,997	5	10	8	.53			
Paris.....	16,010			15	.94	0		
Tyler.....	12,518	4	10	6	.48	0		
Waco.....	40,733	5	21	18	.44	0		
Wichita Falls.....	48,237	1	6			1	.02	
<b>Utah:</b>								
Ogden.....	34,652	7	46	25	.72	0		
<b>Vermont:</b>								
Barre.....	10,008	5	9	40	4.00	0		
Burlington.....	23,375	5	15	100	4.28	2	.09	2.0
Rutland.....	15,317	7	31	13	.85			
<b>Virginia:</b>								
Alexandria.....	18,248	5	14	5	.27	0		
Danville.....	22,187	7	18	30	1.35			
Lynchburg.....	30,218	7	23	23	.76	1	.03	4.3
Newport News.....	135,596	7	16	11	.31			
Petersburg.....	33,585	5	14	74	2.20	1	.03	1.4
Portsmouth.....	56,497	6	35	32	.57	0		
<b>Washington:</b>								
Aberdeen.....	15,718	6	7	3	.19	0		
Bellingham.....	25,878	6	15	33	1.28	0		
Everett.....	28,397	8	27	6	.21	0		
Walla Walla.....	15,503	1	16	2	.13	0		
Yakima.....	19,687	7	17	23	1.17	0		
<b>West Virginia:</b>								
Bluefield.....	16,302	4	56	35	2.15	0		
Charleston.....	43,886	5	44	60	1.37	1	.02	1.7
Clarksburg.....	29,019	1	118	49	1.69	1	.03	2.0
Fairmont.....	19,264	5	26	56	2.91			
Huntington.....	56,135			45	.80			
Martinsburg.....	12,983	3	16	8	.62	1	.08	12.5
Moundsville.....	11,120	4	21	8	.72	1	.09	12.5
Wheeling.....	56,208	8	35	121	2.15	2	.04	1.7
<b>Wisconsin:</b>								
Appleton.....	20,279	4	38	32	1.58	0		
Ashland.....	11,334	5	5	5	.44			
Beloit.....	22,869	8	36	281	12.29	6	.23	2.1
Eau Claire.....	21,574	8	40	14	.65			
Fond du Lac.....	24,618	7	20	18	.73	1	.04	5.6
Green Bay.....	32,505	6	43	46	1.42	1	.03	2.2
Janesville.....	19,426	7	34	25	1.29	0		
Kenosha.....	44,858	7	98	52	1.16	1	.02	1.9
La Crosse.....	30,421	8	21	110	3.62	1	.03	.9
Madison.....	41,336	8	84	70	1.69	1	.02	1.4
Marinette.....	13,610	8	37	47	3.45	0		
Oshkosh.....	33,187	8	45	46	1.39	0		
Racine.....	62,736	6	115	285	4.54	8	.13	2.8
Sheboygan.....	32,128	4	88	25	.78	1	.03	4.3
Superior.....	39,671	7	93	109	2.75	3	.08	2.8
Wausau.....	19,453	8	27	13	.67	0		
West Allis.....	15,573	2	22	27	1.73			
<b>Wyoming:</b>								
Cheyenne.....	14,437	4	44	20	1.39	1	.07	5.0

1 Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## SEPTIC SORE THROAT.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Arkansas:						
Fort Smith.....	30, 131			2	0.07	
California:						
Long Beach.....	65, 322	4	0.06	0		
Colorado:						
Pueblo.....	43, 385			1	.02	
Connecticut:						
Greenwich.....	23, 560	2	.08	0		
New Britain.....	63, 281	1	.02	0		
Norwich.....	22, 674	1	.04	0		
Georgia:						
Athens.....	17, 220	1	.03			
Illinois:						
Aurora.....	37, 950			1	.03	
Champaign.....	17, 183	2	.12			
Oak Park.....	45, 114			1	.02	
Pekin.....	12, 649	3	.24	0		
Indiana:						
Michigan City.....	19, 567			1	.05	
Iowa:						
Clinton.....	1 24, 151			3	.12	
Kansas:						
Coffeyville.....	13, 647	1	.07	0		
Lawrence.....	12, 476	1	.08	0		
Leavenworth.....	1 16, 912	1	.05	0		
Kentucky:						
Paducah.....	25, 243			1	.04	
Maine:						
Portland.....	72, 027			2	.03	
Waterville.....	13, 839	2	.14	0		
Maryland:						
Annapolis.....	11, 859			1	.06	
Massachusetts:						
Arlington.....	20, 590			1	.05	
Brockton.....	68, 667	1	.01	0		
Chicopee.....	38, 997	1	.03			
Clinton.....	1 12, 979			1	.03	
Fitchburg.....	41, 853	1	.02	0		
Greenfield.....	16, 757	2	.12	0		
Haverhill.....	56, 399	4	.07	0		
Holyoke.....	60, 839	5	.08			
Leominster.....	20, 302	4	.20	1	.05	4.0
Natick.....	11, 175	1	.09	0		
Northampton.....	22, 599	1	.04	0		
Plymouth.....	13, 273	1	.08			
Salem.....	1 42, 529	3	.07	0		
Somerville.....	97, 174	4	.04			
Winchester.....	10, 788	1	.09			
Michigan:						
Benton Harbor.....	13, 017	3	.23	0		
Lansing.....	63, 436			2	.03	
Muskegon.....	39, 533	5	.13	3	.08	1.7
Port Huron.....	27, 767	70	2.52			
Sault Ste Marie.....	1 12, 095	1	.06	0		
Minnesota:						
Winona.....	19, 285			1	.05	
Montana:						
Great Falls.....	26, 739	2	.07	0		
New Jersey:						
Phillipsburg.....	17, 700			2	.11	
New York:						
Amsterdam.....	34, 104	38	1.11	0		
Binghamton.....	71, 525	1	.01	0		
Cohoes.....	1 22, 987	18	.78			
Dunkirk.....	19, 879	1	.05	0		
Jamestown.....	40, 879	1	.02			
Lackawanna.....	18, 785	4	.21			
Mount Vernon.....	45, 766	2	.04	1	.02	2.0
Newburgh.....	31, 024	1	.03	0		
New Rochelle.....	38, 104	1	.03			
Olean.....	21, 989	1	.05			
Oneonta.....	12, 120			1	.08	
Schenectady.....	92, 687	1	.01			
Troy.....	1 72, 013	4	.05			
Watervliet.....	16, 331			1	.05	
White Plains.....	22, 045	1	.05			

1 Population Jan. 1, 1923.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

SEPTIC SORE THROAT—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
North Carolina:						
Raleigh.....	28,572	1	0.03	0		
Wilmington.....	35,048	5	.14	0		
North Dakota:						
Minot.....	11,469	3	.26	1	0.09	3.0
Ohio:						
Barberton.....	20,844			1	.05	
Coshocton.....	11,168	1	.09	0		
East Cleveland.....	31,955	1	.03			
Ironton.....	14,227	1	.07			
Kenmore.....	15,946	2	.13			
Mansfield.....	29,639	4	.13	0		
Sandusky.....	23,645			1	.04	
Pennsylvania:						
Chester.....	62,792	2	.03			
Rhode Island:						
Cranston.....	31,543	8	.25			
South Carolina:						
Spartanburg.....	23,956	6	.25	0		
Texas:						
Amarillo.....	16,532	3	.18	0		
Austin.....	36,167	20	.55	1	.03	20.0
Utah:						
Ogden.....	34,652			4	.12	
Vermont:						
Rutland.....	15,317			2	.13	
Virginia:						
Alexandria.....	18,248	29	1.59	0		
Wisconsin:						
Sheboygan.....	32,128			1	.03	

SMALLPOX.

City.	Estimated population July 1, 1922.	Median.		1922.				Fatalities per 100 cases.
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	
Alabama:								
Bessemer.....	20,174	1	0	2	0.10			
Mobile.....	62,978	7	100	132	2.10	12	0.19	9.1
Montgomery.....	44,834	5	51	1	.02			
Arizona:								
Phoenix.....	32,514	1	33	214	6.58	69	2.12	32.2
Tucson.....	23,175	4	4	239	10.31	40	1.73	16.7
Arkansas:								
Fort Smith.....	30,131	2	41	4	.13	0		
Little Rock.....	69,266	6	18	3	.04	0		
North Little Rock.....	14,796	2	43	2	.14	0		
California:								
Alameda.....	30,201	6	5	8	.26	0		
Bakersfield.....	20,160	7	3	106	5.26	0		
Berkeley.....	61,388	6	2	40	.65	0		
Eureka.....	13,200	4	9	2	.15			
Fresno.....	53,207	4	16	8	.15	0		
Glendale.....	16,950	2	3	55	3.24	0		
Long Beach.....	65,322	8	11	15	.23	1	.02	6.7
Pasadena.....	51,766	4	11			1	.02	
Pomona.....	14,353	3	45	1	.07	0		
Richmond.....	19,423	2	73	2	.10	0		
Riverside.....	20,494	4	39	2	.10			
Sacramento.....	68,795	6	9	13	.19	0		
San Bernardino.....	20,251	7	6	1	.05	0		
San Diego.....	83,528	8	28	10	.12	0		
San Jose.....	41,260	4	28	279	6.76	1	.02	.4
Santa Cruz.....	10,917	6	15	4	.37			
Santa Monica.....	17,157	2	23	1	.06			
Stockton.....	43,702	4	15	39	.89			

1 Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## SMALLPOX—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Colorado:								
Boulder.....	11,384	3	53	11	0.97	2	0.18	18.2
Colorado Springs.....	130,105	7	16	8	.27	0		
Greeley.....	11,673			29	2.48	1	.09	3.4
Fueblo.....	43,385	4	3	3	.07	2	.05	66.7
Trinidad.....	10,956	6	4	1	.09			
Connecticut:								
Fairfield.....	12,851	1	0	19	1.48	1	.08	5.3
Milford.....	11,693	2	0	19	1.62	0		
New London.....	27,240	5	1	11	.40	1	.04	9.1
Stratford.....	14,655	1	0	42	2.99	0		
Florida:								
Key West.....	18,749			35	1.87			
Miami.....	35,776	2	37	2	.06	0		
St. Petersburg.....	22,353			21	.94			
Tampa.....	54,781	5	8	2	.04	0		
Georgia:								
Albany.....	12,383	1	54	6	.48	1	.08	16.7
Athens.....	17,220	1	19	4	.23			
Augusta.....	53,774	4	15	73	1.36	0		
Brunswick.....	15,501	6	5	8	.52	1	.06	12.5
Macon.....	55,378	5	31	15	.27	0		
Savannah.....	87,678	4	12	39	.44	0		
Idaho:								
Boise.....	22,688	4	30	4	.18	0		
Pocatello.....	16,516	4	58	60	3.63	0		
Illinois:								
Alton.....	25,642	7	70	4	.16			
Aurora.....	37,950	8	12	4	.11	0		
Blue Island.....	12,178	2	37			1	.08	
Centralia.....	13,214	5	5	40	3.08			
Champaign.....	17,186	7	7	1	.06			
East St. Louis.....	68,883	3	41	5	.07			
Forest Park.....	11,843	1	9	1	.08			
Freeport.....	20,132	5	25	45	2.24			
Galesburg.....	24,282	6	37	1	.04			
Granite City.....	15,852	5	18	8	.50			
Herrin.....	12,048			26	2.16	3	.25	11.5
Moline.....	52,177	7	33	4	.12			
Pekin.....	12,649	5	27	54	4.27	0		
Peoria.....	78,731	6	88	240	3.05			
Quincy.....	37,478	8	44	7	.19	0		
Springfield.....	61,076	6	29	5	.08	0		
Streator.....	14,914	1	32	4	.27	0		
Waukegan.....	20,039	4	12	4	.20			
Indiana:								
Anderson.....	31,625	5	117	7	.22			
Bloomington.....	12,046	4	22	60	4.98			
Elwood.....	10,890	5	15	18	1.65	0		
Fort Wayne.....	91,549	8	56	26	.28	0		
Frankfort.....	12,250	4	20	2	.16	0		
Gary.....	65,146	5	60	6	.09			
Kokomo.....	33,420	7	29	6	.18	0		
La Fayette.....	23,079	7	19	1	.04			
Laporte.....	16,241	2	9	2	.12			
Logansport.....	22,236	7	52	2	.09	0		
Marion.....	24,895	6	33	139	5.58	1	.04	.7
Muncie.....	39,236	7	28	8	.20			
Peru.....	12,533	2	0	15	1.20	0		
Richmond.....	28,124	5	21	2	.07	0		
South Bend.....	75,093	4	58	3	.04			
Terre Haute.....	68,123	5	81	4	.06	0		
Iowa:								
Boone.....	12,991	2	47	9	.69			
Burlington.....	124,057	7	12	67	2.79	0		
Cedar Rapids.....	48,849	8	78	21	.43			
Clinton.....	24,151	7	60	17	.70	0		
Council Bluffs.....	37,930	7	102	37	.98	1	.03	2.7
Davenport.....	59,966	5	99	14	.23	0		
Dubuque.....	39,306	5	28	1	.03	0		
Iowa City.....	11,570	2	12	1	.09			
Mason City.....	22,263	6	71	35	1.57	0		
Muscatine.....	16,068	4	38	93	5.79			
Sioux City.....	77,252	5	293	29	.33	0		
Waterloo.....	38,685	5	95	4	.10	0		

\*Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## SMALLPOX—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>Kansas:</b>								
Atchison	112,630	3	12	3	0.24	1	.08	33.3
Chanute	10,546			1	.69			
Coffeyville	13,647	7	14	18	1.32	0		
Eldorado	13,020	2	152	2	.15			
Fort Scott	10,751	6	42	3	.28			
Hutchinson	25,083	4	33	105	4.19	1	.04	1.0
Lawrence	12,476	4	11	4	.32	0		
Leavenworth	16,912	8	10	9	.53	5	.30	55.6
Parsons	16,946	2	34	9	.53	0		
Pittsburg	18,857	3	54	6	.32	0		
Topeka	51,902	5	82	13	.25	0		
Wichita	77,277	8	168	74	.96	4	.05	5.4
<b>Kentucky:</b>								
Covington	57,661	5	33	3	.05	0		
Newport	29,317	6	6	2	.07	0		
Owensboro	21,486	5	14	6	.28			
Paducah	25,243	7	13	5	.20	0		
<b>Maine:</b>								
Lewiston	33,219	4	11	3	.69	0		
Waterville	13,839	4	14	11	.79	0		
<b>Massachusetts:</b>								
Milford	13,576	5	0	1	.07	0		
<b>Michigan:</b>								
Ann Arbor	20,726	8	11	15	.72	1	.05	6.7
Battle Creek	38,970	8	23	2	.05	0		
Hamtramck	63,668	2	90	4	.06			
Highland Park	58,222	5	62	12	.21			
Ironwood	16,490	6	13	1	.06			
Ishpeming	10,500	5	3	4	.38			
Jackson	52,737	5	36	3	.06	0		
Kalamazoo	50,817	7	17	3	.06	0		
Lansing	63,430	5	99	13	.20	0		
Muskegon	39,533	6	8	24	.61	8	.20	33.3
Pontiac	39,356	6	83	5	.13	0		
Port Huron	27,767	5	16	2	.07			
Saginaw	68,581	4	8	18	.26	0		
<b>Minnesota:</b>								
Austin	10,931	2	111	2	.18			
Faribault	11,627	2	31	24	2.06	0		
Hibbing	16,119	4	6	15	.93			
Mankato	13,009	6	29	1	.08			
Rochester	15,235	1	66	11	.72	0		
St. Cloud	17,231	4	62	2	.12	0		
Winona	19,286	4	8	6	.31	0		
<b>Mississippi:</b>								
Biloxi	11,680	1	58	3	.26	1	.09	33.3
Jackson	23,218	2	4	3	.13			
<b>Missouri:</b>								
Moberly	13,293	3	46	25	1.88	11	.83	44.0
St. Joseph	78,177	6	322	3	.04			
<b>Montana:</b>								
Butte	42,181	6	62	2	.65	0		
Great Falls	26,739	6	55	155	5.80	0		
Helena	12,037	2	10	110	9.14	0		
Missoula	12,668	6	38	5	.39			
<b>Nebraska:</b>								
Grand Island	14,099	6	164	1	.07			
Lincoln	57,671	8	100	25	.43	1	.02	4.0
<b>Nevada:</b>								
Reno	12,311	7	2	11	.89			
<b>New Hampshire:</b>								
Manchester	80,526	6	0	1	.01	0		
<b>New York:</b>								
Auburn	36,585	2	1	2	.05			
Jamestown	40,879	6	1	16	.39			
Niagara Falls	55,690	7	8	84	1.50			
Watertown	32,458	4	0	10	.31	0		
<b>North Carolina:</b>								
Asheville	29,854	7	8	2	.07			
Greensboro	19,861			3	.15	0		
Raleigh	28,572	5	12	2	.07	0		

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## SMALLPOX—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
North Carolina—Continued.								
Rocky Mount	13,820	4	6	21	1.52	0		
Wilmington	35,048	6	6	1	.03	0		
Winston-Salem	53,924	5	60	40	.74	0		
North Dakota:								
Fargo	23,911	6	18	13	.54			
Minot	11,469			9	.78	0		
Ohio:								
Ashtabula	23,911	6	7	1	.04	0		
Bucyrus	11,018	2	92	5	.45	0		
Canton	95,742	8	91	30	.31			
Chillicothe	16,171	8	12	19	1.17			
East Cleveland	31,955	5	6	1	.03			
East Liverpool	21,674	2	100	34	1.57			
East Youngstown	14,050	2	5	3	.21			
Elyria	22,164	7	10	6	.27			
Findlay	17,577	7	11	2	.11	0		
Fremont	13,118	5	5	47	3.58			
Hamilton	41,005	7	66	17	.41	0		
Kenmore	15,946	1	74	1	.05			
Lima	43,777	5	90	3	.07			
Mansfield	20,639	6	8	3	.10	0		
Marion	29,991	5	29	3	.10	0		
Newark	27,056	6	9	1	.04			
Piqua	15,469	7	28	2	.13	0		
Sandusky	23,645	8	9	29	1.23			
Springfield	64,423	7	27	231	3.59	0		
Warren	30,518	6	13	4	.13	3	0.10	75.0
Zanesville	29,965	7	25	2	.07	0		
Oklahoma:								
Chickasha	10,179	2	3	29	2.85			
McAlester	12,085	6	10	2	.17	0		
Oklahoma	98,370	7	150	106	1.03	2	.02	1.9
Tulsa	93,558	1	57	29	.31			
Oregon:								
Astoria	15,167	5	19	18	1.19	0		
Eugene	10,879	5	13	13	1.19	0		
Pennsylvania:								
Beaver Falls	12,958			2	.15	1	.08	50.0
Harrisburg	79,983	7	2	3	.04			
Homestead	20,900	5	0	1	.05			
Jeannette	11,133	2	9	1	.09			
Mount Carmel	17,469	1	1	1	.05			
Norristown	33,462	4	0	1	.03			
Williamsport	37,315	2	0	2	.05	0		
Rhode Island:								
Cranston	31,543	2	0	3	.10			
South Carolina:								
Columbia	39,070	4	12	4	.10			
Greenville	25,028	5	28	1	.04			
Spartanburg	23,956	4	25	1	.04	0		
South Dakota:								
Aberdeen	15,460	2	65	115	7.44	0		
Sioux Falls	28,062	6	60	48	1.71	0		
Tennessee:								
Jackson	19,343	2	3	1	.05			
Knoxville	85,572	5	99	19	.22	0		
Texas:								
Abilene	10,357			750	72.41	0		
Amarillo	16,532	4	13	1	.06	0		
Austin	36,167	6	10	1	.03	0		
Beaumont	44,954	4	25	6	.13	0		
Cleburne	13,430	3	4	4	.30	0		
Galveston	46,128	6	15	5	.11	0		
Marshall	14,997	5	50	4	.27			
Paris	16,010			10	.62	0		
Tyler	12,518	4	27	112	8.95	0		
Waco	40,733	5	74	17	.42	0		
Utah:								
Ogden	34,652	7	72	19	.55	0		

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

SMALLPOX—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Virginia:								
Alexandria.....	18,248	3	4	2	0.11	0		
Danville.....	22,187	7	5	20	.90			
Lynchburg.....	30,218	6	13	3	.10	0		
Newport News.....	135,596	5	8	1	.03			
Portsmouth.....	56,497	6	10	2	.04	0		
Washington:								
Aberdeen.....	15,718	4	39	86	5.47	0		
Bellingham.....	25,878	6	40	83	3.21			
Everett.....	28,397	6	52	18	.63	0		
Walla Walla.....	115,503			16	1.03	0		
Yakima.....	19,687	7	34	27	1.37	0		
West Virginia:								
Bluefield.....	16,302	4	45	38	2.33	0		
Charleston.....	43,886	5	27	3	.07	0		
Clarksburg.....	29,019	1	84	4	.14	0		
Fairmont.....	19,264	5	1	5	.26			
Huntington.....	56,135	1	70	4	.07			
Martinsburg.....	12,983	2	1	1	.08			
Wisconsin:								
Appleton.....	20,279	4	1	2	.10	0		
Ashland.....	111,334	5	8	42	3.71			
Eau Claire.....	21,574	7	9	9	.42			
Janesville.....	19,426	7	5	6	.31	0		
Kenosha.....	44,858	6	15	2	.04	0		
La Crosse.....	30,421	8	71	1	.03	0		
Madison.....	41,336	8	51	3	.07	0		
Marinette.....	113,610	7	24	3	.22	0		
Oshkosh.....	33,187	8	46	14	.42	0		
Racine.....	62,736	6	73	16	.26			
Sheboygan.....	32,128	4	2	1	.03			
Superior.....	139,671	7	69	586	14.77	0		
Wausau.....	19,453	7	6	36	1.85	0		
West Allis.....	15,573	2	18	4	.26			
Wyoming:								
Cheyenne.....	14,437	4	20	1	.07	0		

TUBERCULOSIS (ALL FORMS).

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Anniston.....	19,004			27	1.42	
Bessemer.....	20,174			27	1.34	
Mobile.....	62,978			92	1.46	
Montgomery.....	44,834			52	1.16	
Arizona:						
Phoenix.....	32,514			178	5.47	
Tucson.....	23,175			229	9.88	
Arkansas:						
Fort Smith.....	20,131			28	.93	
Little Rock.....	69,266	125	1.82	76	1.10	1.7
North Little Rock.....	14,796			32	2.16	
California:						
Alameda.....	30,201	16	.53	10	.33	1.6
Bakersfield.....	20,160			41	2.03	
Berkeley.....	61,388	39	.64	20	.33	1.9
Eureka.....	13,200	51	3.86	18	1.36	2.8
Fresno.....	53,207			66	1.24	
Glendale.....	16,950			47	2.77	
Long Beach.....	65,322			45	.69	
Pasadena.....	51,766	90	1.74	59	1.14	1.5
Richmond.....	19,428	14	.72	8	.41	1.7
Riverside.....	20,404	59	2.89	50	2.45	1.2

1 Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## TUBERCULOSIS (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
California—Continued.						
Sacramento	68,795	126	1.83	88	1.28	1.4
San Bernardino	20,251			192	9.48	
San Diego	83,528	280	3.35	156	1.87	1.8
San Jose	41,260			46	1.11	
Santa Ana	17,300			21	1.21	
Santa Cruz	10,917			11	1.01	
Santa Monica	17,157			31	1.81	
Stockton	43,702	20	.46			
Venice	12,255			5	.41	
Colorado:						
Boulder	11,384			24	2.11	
Colorado Springs	30,105	244	8.10	165	5.48	1.5
Pueblo	43,385	57	1.31	47	1.08	1.2
Connecticut:						
Bristol	22,453	33	1.47			
Greenwich	23,580	27	1.15	18	.76	1.5
Meriden	35,458	35	.99			
Milford	11,693			4	.34	
New Britain	63,281	99	1.56	36	.57	2.7
Norwich	22,674	29	1.28	25	1.10	1.2
Stamford	37,659			22	.58	
Stratford	14,055	10	.71			
Waterbury	96,498	134	1.39	65	.67	2.1
Florida:						
Miami	35,776			51	1.43	
St. Petersburg	22,353	5	.22			
Tampa	54,781	65	1.19	63	1.15	1.0
Georgia:						
Albany	12,383			11	.89	
Augusta	53,774			93	1.73	
Macon	55,378			89	1.61	
Rome	13,548			19	1.40	
Savannah	87,678			156	1.78	
Idaho:						
Pocatello	16,516			7	.42	
Illinois:						
Alton	25,642	30	1.17	16	.62	1.9
Aurora	37,950	89	2.35	41	1.08	2.2
Bloomington	29,428			17	.58	
Blue Island	12,178	15	1.23			
Centralia	13,214			18	1.36	
Chicago Heights	20,773			8	.39	
Cicero	52,833	117	2.21			
Danville	35,197			42	1.19	
East St. Louis	68,883	200	2.90	40	.58	5.0
Elgin	27,835			11	.40	
Evanston	40,256	48	1.19	14	.35	3.4
Forest Park	11,843	4	.34			
Freeport	20,132	51	2.53	16	.79	3.2
Galesburg	24,282	21	.86	11	.45	1.9
Herrin	12,048			21	1.74	
Jacksonville	15,811			43	2.72	
Mattoon	14,091	12	.85			
Maywood	13,060			8	.61	
Moline	32,177	82	2.55	23	.71	3.6
Oak Park	45,114	29	.64	13	.29	2.2
Ottawa	11,146			15	1.35	
Pekin	12,619	16	1.26			
Peoria	78,731	78	.99	45	.57	1.7
Quincy	37,478	58	1.55	27	.72	2.1
Rockford	70,485	216	3.06	79	1.12	2.7
Rock Island	37,403	59	1.58	30	.80	2.0
Springfield	61,076	241	3.95	53	.87	4.5
Streator	14,914	5	.34			
Waukegan	20,039	24	1.20	5	.25	4.8
Indiana:						
Anderson	31,625			19	.60	
Crawfordsville	10,317			9	.87	
Elwood	10,890			12	1.10	
Fort Wayne	91,549			40	.44	
Frankfort	12,250	14	1.14			
Gary	65,146			35	.54	
Hammond	44,721			6	.13	

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TUBERCULOSIS (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Indiana—Continued.						
Huntington	14,870	-----	-----	7	0.47	-----
Jeffersonville	<sup>1</sup> 10,098	-----	-----	16	1.58	-----
Kokomo	33,420	-----	-----	24	.72	-----
Laporte	16,241	-----	-----	11	.68	-----
Logansport	22,236	-----	-----	15	.67	-----
Marion	24,895	-----	-----	29	1.16	-----
Michigan City	19,567	-----	-----	26	1.33	-----
Muncie	39,236	-----	-----	27	.69	-----
Newcastle	15,593	-----	-----	13	.83	-----
Richmond	28,124	-----	-----	23	.82	-----
South Bend	75,093	134	1.78	29	.39	4.6
Terre Haute	68,123	-----	-----	44	.65	-----
Whiting	11,060	-----	-----	7	.63	-----
Iowa:						
Boone	12,991	-----	-----	3	.23	-----
Burlington	<sup>1</sup> 24,057	40	1.66	11	.46	3.6
Cedar Rapids	48,849	-----	-----	18	.37	-----
Council Bluffs	37,930	-----	-----	5	.13	-----
Davenport	59,966	-----	-----	52	.87	-----
Dubuque	39,306	-----	-----	34	.87	-----
Mason City	22,263	7	.31	-----	-----	-----
Muscatine	<sup>1</sup> 16,068	-----	-----	14	.87	-----
Kansas:						
Atchison	<sup>1</sup> 12,630	20	1.58	-----	-----	-----
Coffeyville	13,647	36	2.64	9	.66	4.0
Eldorado	13,020	48	3.69	3	.23	16.0
Fort Scott	10,751	26	2.42	5	.47	5.2
Hutchinson	25,083	20	.80	6	.24	2.9
Independence	12,313	-----	-----	10	.81	-----
Lawrence	12,476	33	2.65	9	.72	3.7
Leavenworth	<sup>1</sup> 16,912	8	.47	3	.18	2.7
Pittsburg	18,857	-----	-----	10	.53	-----
Topeka	51,902	145	2.79	32	.62	4.5
Wichita	77,277	-----	-----	47	.61	-----
Kentucky:						
Covington	57,661	-----	-----	72	1.25	-----
Lexington	43,062	-----	-----	102	2.37	-----
Paducah	25,243	-----	-----	41	1.62	-----
Louisiana:						
Shreveport	47,957	-----	-----	89	1.86	-----
Maine:						
Bangor	26,281	39	1.48	33	1.26	1.2
Biddeford	18,246	-----	-----	17	.93	-----
Lewiston	33,219	54	1.63	25	.75	2.1
Portland	72,027	-----	-----	101	1.40	-----
Sanford	11,114	-----	-----	4	.36	-----
Waterville	13,539	-----	-----	7	.51	-----
Maryland:						
Annapolis	11,859	-----	-----	8	.67	-----
Cumberland	31,671	46	1.45	28	.88	1.6
Massachusetts:						
Arlington	20,590	54	2.62	14	.68	3.9
Attleboro	20,636	34	1.65	25	1.21	1.1
Belmont	12,090	16	1.32	12	.99	1.3
Beverly	23,566	28	1.19	-----	-----	-----
Braintree	11,228	-----	-----	54	4.81	-----
Brockton	68,667	99	1.44	32	.47	3.1
Brookline	40,311	45	1.12	22	.55	2.0
Chelsea	45,947	101	2.20	29	.63	3.5
Chicopee	38,997	46	1.18	32	.82	1.4
Clinton	<sup>1</sup> 12,979	23	1.77	-----	-----	-----
Dedham	11,180	23	2.06	7	.63	3.3
Easthampton	11,965	22	1.84	12	1.00	1.8
Fitchburg	41,853	62	1.48	34	.81	1.8
Framingham	18,083	24	1.33	14	.77	1.7
Gardner	17,556	47	2.68	15	.85	3.1
Gardner	16,757	12	.72	2	.12	6.0
Greenfield	56,399	79	1.40	47	.83	1.7
Holyoke	60,839	-----	-----	59	.97	-----
Lawrence	96,426	141	1.46	99	1.03	1.4
Leominster	20,302	47	2.32	14	.69	3.4
Malden	50,313	93	1.85	24	.48	3.9
Marlboro	15,143	13	.86	9	.59	1.4
Medford	43,141	35	.81	17	.39	2.1

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## TUBERCULOSIS (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Massachusetts—Continued.</b>						
Melrose	18,844	28	1.49	12	0.64	2.3
Methuen	16,152	22	1.36			
Milford	13,576			19	1.40	
Natick	11,175	12	1.07	2	.18	6.0
Newton	47,662	51	1.07	27	.57	1.9
Northampton	22,599	43	1.90	7	.31	6.1
Northbridge	10,524			8	.76	
Norwood	13,815	19	1.38	17	1.23	1.1
Peabody	20,537	33	1.61	8	.39	4.1
Pittsfield	44,246	93	2.10	37	.84	2.5
Plymouth	13,278	20	1.51			
Quincy	51,799	94	1.81	31	.60	3.0
Salem	42,529	45	1.06	23	.54	2.0
Saugus	11,692			13	1.12	
Somerville	97,174	113	1.16	32	.33	3.5
Southbridge	14,670	12	.82			
Wakefield	13,441	16	1.19	8	.60	2.0
Watertown	23,667	31	1.31	11	.46	2.8
Webster	13,708	12	.88	9	.66	1.3
Westfield	19,262	40	2.08	11	.57	3.6
Winchester	10,788	12	1.11	5	.46	2.4
Woburn	16,899	24	1.42	10	.59	2.4
<b>Michigan:</b>						
Adrian	12,163			12	.99	
Ann Arbor	20,726	30	1.45	7	.34	4.3
Battle Creek	38,970	37	.95			
Bay City	48,169	47	.98	27	.56	1.7
Benton Harbor	13,017	9	.69	4	.31	2.2
Hamtramck	63,668	66	1.04	39	.61	1.7
Highland Park	58,222	50	.86	17	.29	2.9
Ironwood	16,490	24	1.46	7	.42	3.4
Ishpeming	10,500	7	.67			
Jackson	52,737	54	1.02	24	.46	2.2
Kalamazoo	50,817	46	.91	15	.30	3.1
Lansing	63,430	72	1.14	21	.33	3.4
Muskegon	39,533	63	1.59	27	.68	2.3
Pontiac	39,356	45	1.14	25	.64	1.8
Port Huron	27,767	14	.50	6	.22	2.0
Saginaw	68,581			42	.61	
Sault Ste. Marie	12,096	16	1.32	14	1.16	1.1
<b>Minnesota:</b>						
Faribault	11,627			16	1.38	
Mankato	13,009			9	.69	
St. Cloud	17,231			9	.52	
<b>Mississippi:</b>						
Jackson	23,218	129	5.56			
<b>Missouri:</b>						
Columbia	10,502			18	1.71	
Moberly	13,293			15	1.13	
St. Joseph	78,177			77	.98	
<b>Montana:</b>						
Anaconda	12,063			13	1.08	
Butte	42,181			79	1.87	
Great Falls	26,739			17	.64	
Helena	12,037			11	.91	
Missoula	12,668	17	1.34	4	.32	4.2
<b>New Hampshire:</b>						
Berlin	17,217			4	.23	
Concord	22,339	37	1.66	27	1.21	1.4
Dover	13,029			3	.23	
Keene	11,503	21	1.83	5	.43	4.2
Manchester	80,526			76	.94	
Nashua	28,990	113	3.90	16	.55	7.1
Portsmouth	14,160			8	.56	
<b>New Jersey:</b>						
Atlantic City	51,880	68	1.31	14	.27	2.7
Bayonne	82,214	114	1.39	73	.89	1.6
Belleville	17,145	30	1.75			
Bloomfield	23,807	28	1.18	9	.38	3.1
East Orange	54,918	68	1.24	28	.51	2.4
Englewood	12,065	14	1.16	8	.66	1.7

<sup>1</sup> Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TUBERCULOSIS (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>New Jersey—Continued.</b>						
Hackensack.....	18,598	16	0.86	10	0.54	1.6
Hoboken.....	168,166	91	1.33	79	1.16	1.2
Kearny.....	28,799	51	1.77	.....	.....	.....
Long Branch.....	13,577	35	2.58	6	.44	5.8
Montclair.....	30,678	46	1.50	27	.88	1.7
Morristown.....	12,558	20	1.59	7	.56	2.9
New Brunswick.....	35,144	72	2.05	29	.83	2.5
Orange.....	34,254	50	1.46	29	.85	1.7
Passaic.....	66,177	100	1.51	52	.79	1.9
Perth Amboy.....	44,175	79	1.79	21	.48	3.8
Phillipsburg.....	17,700	.....	.....	5	.28	.....
Plainfield.....	29,540	50	1.69	25	.85	2.0
Rahway.....	11,480	10	.87	8	.70	1.2
Union.....	120,651	17	.07	.....	.....	.....
West Hoboken.....	41,277	40	.97	20	.48	2.0
West New York.....	34,139	35	1.03	13	.38	2.7
<b>New York:</b>						
Amsterdam.....	34,104	.....	.....	24	.70	.....
Auburn.....	36,585	33	.90	19	.52	1.7
Batavia.....	13,971	12	.86	.....	.....	.....
Binghamton.....	71,525	115	1.61	26	.36	4.4
Cohoes.....	122,987	.....	.....	14	.61	.....
Corning.....	16,358	23	1.41	7	.43	3.3
Dunkirk.....	19,879	27	1.36	.....	.....	.....
Gloversville.....	22,443	24	1.07	.....	.....	.....
Herkimer.....	11,209	19	1.70	4	.36	4.7
Hornell.....	15,388	.....	.....	10	.65	1.4
Hudson.....	11,803	24	2.03	6	.51	4.0
Ithaca.....	17,569	45	2.56	20	1.14	2.2
Jamestown.....	40,879	78	1.91	24	.59	3.2
Lackawanna.....	18,785	58	3.09	9	.48	6.4
Little Falls.....	13,223	14	1.06	3	.23	4.7
Middletown.....	19,220	43	2.24	14	.73	3.1
Mount Vernon.....	45,766	51	1.11	16	.35	3.2
New Rochelle.....	38,104	48	1.26	18	.47	2.7
North Tonawanda.....	16,390	.....	.....	5	.36	.....
Olean.....	21,989	30	1.36	13	.59	2.3
Oneonta.....	12,120	12	.99	.....	.....	.....
Oswego.....	23,631	40	1.69	12	.51	3.3
Peekskill.....	15,976	24	1.51	13	.81	1.8
Plattsburgh.....	10,909	.....	.....	14	1.28	.....
Poughkeepsie.....	36,818	65	1.77	21	.57	3.1
Rome.....	27,845	39	1.40	21	.75	1.9
Saratoga Springs.....	113,181	45	3.41	17	1.29	2.6
Schenectady.....	92,687	123	1.33	47	.51	2.6
Troy.....	172,013	.....	.....	81	1.12	.....
Watertown.....	32,458	48	1.48	24	.74	2.0
Watervliet.....	16,331	39	2.39	11	.67	3.5
White Plains.....	22,046	40	1.81	14	.64	2.9
<b>North Carolina:</b>						
Asheville.....	29,854	248	8.31	195	6.53	1.3
Charlotte.....	49,511	.....	.....	48	.97	.....
Greensboro.....	119,861	.....	.....	18	.91	.....
New Bern.....	12,206	.....	.....	24	1.97	.....
Rocky Mount.....	13,820	.....	.....	14	1.01	.....
Wilmington.....	35,048	.....	.....	35	1.00	.....
Winston-Salem.....	53,924	178	3.30	80	1.48	2.2
<b>Ohio:</b>						
Ashtabula.....	23,911	28	1.17	14	.59	2.0
Barberton.....	20,844	62	2.97	19	.91	3.3
Bucyrus.....	11,018	.....	.....	11	1.00	.....
Cambridge.....	13,524	13	.96	9	.67	1.4
Canton.....	95,742	.....	.....	58	.61	.....
Chillicothe.....	16,171	.....	.....	9	.56	.....
Cleveland Heights.....	18,399	16	.87	.....	.....	.....
Cuyahoga Falls.....	11,791	33	2.80	12	1.02	2.7
East Cleveland.....	31,955	43	1.35	.....	.....	.....
East Liverpool.....	21,674	.....	.....	23	1.06	.....
East Youngstown.....	14,050	7	.50	.....	.....	.....
Elyria.....	22,164	.....	.....	14	.63	.....
Findlay.....	17,577	.....	.....	6	.34	.....
Fremont.....	13,118	15	1.14	13	.99	1.2
Ironton.....	14,227	.....	.....	21	1.48	.....
Kenmore.....	15,946	24	1.51	3	.19	8.0

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## TUBERCULOSIS (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Ohio—Continued.						
Lima	43,777			23	0.53	
Marion	29,991			15	.50	
Martins Ferry	12,277	11	0.90	9	.73	1.2
Middletown	27,457	88	3.21	24	.87	3.7
Newark	27,056	29	1.07	25	.92	1.2
Niles	15,094	8	.53	4	.27	2.0
Norwood	27,226	12	.44	9	.33	1.3
Piqua	15,469	13	.84	10	.65	1.3
Salem	10,655			3	.28	
Sandusky	23,645			11	.47	
Springfield	64,423			72	1.12	
Steubenville	30,083	31	1.03	14	.47	2.2
Warren	30,518	47	1.54	24	.79	2.0
Zanesville	29,965			27	.90	
Oklahoma:						
Bartlesville	16,638			24	1.44	
Tulsa	93,558	25	.27			
Oregon:						
Eugene	10,879			9	.83	
Pennsylvania:						
Ambridge	14,665	11	.75	5	.34	2.2
Beaver Falls	12,958	4	.31			
Braddock	21,269	30	1.41	12	.56	2.5
Bradford	15,648	2	.13			
Canonsburg	11,930			11	.92	
Carbondale	19,050			3	.16	
Carlisle	11,074			7	.63	
Carrick	11,633			8	.69	
Chester	62,792			60	.96	
Coatesville	15,398	21	1.36	5	.32	4.2
Connellsville	14,050			12	.85	
Easton	35,175	15	.43	1	.03	15.0
Harrisburg	79,983			53	.66	
Johnstown	69,212			47	.68	
Lancaster	54,675			30	.55	
McKeesport	47,834	50	1.05	39	.82	1.3
Monessen	19,555	4	.20	2	.10	2.0
Mount Carmel	117,469	20	1.14			
Nanticoke	23,577			11	.47	
Norristown	33,462	9	.27			
Oil City	22,177	37	1.67			
Olyphant	10,681	10	.94	4	.37	2.5
Pittston	19,070	2	.10			
Plymouth	116,500	3	.18			
Sharon	23,208			17	.73	
Steelton	113,428	22	1.64	8	.60	2.7
Sunbury	16,224	4	.25			
Tamaqua	13,108			6	.46	
Warren	14,655	62	4.23	9	.61	6.9
Wilkinsburg	25,761	12	.47	6	.23	2.0
Williamsport	37,315			22	.59	
Woodlawn	15,453			9	.58	
York	48,222			37	.77	
Rhode Island:						
Cranston	31,543			19	.60	
Newport	31,054			22	.71	
South Carolina:						
Columbia	39,070	63	1.61			
South Dakota:						
Sioux Falls	28,062			11	.39	
Tennessee:						
Knoxville	85,572	201	2.34	112	1.31	1.8
Texas:						
Austin	36,167	204	5.64	89	2.46	2.3
Beaumont	44,954			49	1.09	
Cleburne	13,430			4	.30	
Del Rio	10,589			16	1.51	
Galveston	46,128			62	1.34	
San Angelo	110,050			48	4.78	
Waco	40,733	56	1.37	45	1.10	1.2
Wichita Falls	48,237			10	.21	
Utah:						
Ogden	34,652			14	.40	

<sup>1</sup>Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TUBERCULOSIS (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Vermont:						
Barre.....	110,008			43	4.30	
Rutland.....	15,317			9	.59	
Virginia:						
Alexandria.....	18,248			20	1.10	
Lynchburg.....	30,218			36	1.19	
Petersburg.....	33,585	99	2.95	53	1.58	1.9
Portsmouth.....	56,497			55	.97	
Washington:						
Aberdeen.....	15,718			5	.32	
Bellingham.....	25,878			18	.70	
Everett.....	28,397			14	.49	
Walla Walla.....	115,503			8	.52	
Yakima.....	19,687			20	1.02	
West Virginia:						
Bluefield.....	16,302			12	.74	
Charleston.....	43,886			49	1.12	
Fairmont.....	19,264	7	.36			
Huntington.....	56,135			65	1.16	
Wheeling.....	156,208	296	5.27	60	1.07	4.9
Wisconsin:						
Ashland.....	111,334	17	1.50			
Beloit.....	22,869			9	.39	
Eau Claire.....	21,574	15	.70	12	.56	1.2
Fond du Lac.....	24,618			14	.57	
Green Bay.....	32,505			37	1.14	
Janesville.....	19,426			10	.51	
La Crosse.....	30,421	51	1.68			
Madison.....	41,336	48	1.16	16	.39	3.0
Marinette.....	113,610	22	1.02	19	1.40	1.2
Oshkosh.....	33,187	52	1.57	28	.84	1.9
Racine.....	62,736	73	1.16	34	.54	2.1
Sheboygan.....	32,128	76	2.37			
Superior.....	139,671	38	.96	17	.43	2.2
Wausau.....	19,453	11	.57	8	.41	1.4
West Allis.....	15,573	28	1.80	15	.96	1.9

TUBERCULOSIS (PULMONARY).

Alabama:						
Anniston.....	19,004	37	1.95	25	1.32	1.5
Mobile.....	62,978			84	1.33	
Montgomery.....	44,834	39	.87			
Arizona:						
Phoenix.....	32,514			158	4.86	
Arkansas:						
Fort Smith.....	30,131			13	.43	
North Little Rock.....	14,796			30	2.03	
California:						
Alameda.....	30,201	15	.50	9	.30	1.7
Bakersfield.....	20,160			37	1.84	
Berkeley.....	61,388	34	.55	15	.24	2.3
Fresno.....	53,207			48	.90	
Glendale.....	16,950			40	2.36	
Long Beach.....	65,322			39	.60	
Pasadena.....	51,766			49	.95	
Pomona.....	14,353	17	1.18	15	1.05	1.1
Sacramento.....	68,795	119	1.73	64	.93	1.9
San Bernardino.....	20,251			100	4.94	
San Diego.....	83,528	274	3.28	140	1.68	2.0
San Jose.....	41,260			41	.99	
Santa Ana.....	17,300			14	.81	
Santa Cruz.....	110,917			6	.55	
Santa Monica.....	17,157			16	.93	
Venice.....	12,255			4	.33	
Colorado:						
Greeley.....	11,673			13	1.11	
Trinidad.....	10,956			8	.73	
Connecticut:						
Fairfield.....	12,851	13	1.01	8	.62	1.6
Greenwich.....	23,590	23	.98	15	.64	1.5
Manchester.....	19,588	11	.56	5	.26	2.2

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## TUBERCULOSIS (PULMONARY)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Connecticut—Continued.						
Milford	11,693	11	0.94	3	0.26	3.7
New Britain	63,281	98	1.55	35	.55	2.8
New London	27,240	33	1.21	11	.40	3.0
Norwich	22,674	27	1.19			
Stamford	37,659	35	.93	18	.48	1.9
Stratford	14,055			9	.64	
Torrington	23,398	3	.13			
Waterbury	96,498	131	1.36	59	.56	2.2
Florida:						
Key West	18,749			39	2.08	
Miami	35,776			50	1.40	
Georgia:						
Albany	12,383			9	.73	
Athens	17,220			20	1.16	
Augusta	53,774			83	1.54	
Brunswick	15,501			23	1.48	
Rome	13,548			9	.66	
Savannah	87,678			143	1.63	
Idaho:						
Pocatello	16,516			2	.12	
Illinois:						
Alton	25,642			13	.51	
Aurora	37,950	61	1.61			
Berwyn	16,288			9	.55	
Bloomington	29,428	79	2.68	16	.54	4.9
Blue Island	12,178	10	.82	7	.57	1.4
Chicago Heights	20,773	3	.14			
Cicero	52,833	90	1.70	20	.38	4.5
Danville	35,197			33	.94	
East St. Louis	68,883	175	2.54	25	.36	7.0
Elgin	27,835	27	.97	9	.32	3.0
Forest Park	11,843			7	.59	
Freeport	20,132	47	2.33	13	.65	3.6
Granite City	15,852	13	.82			
Herrin	12,048			16	1.33	
Jacksonville	15,811			41	2.59	
Kewanee	18,779	24	1.28	9	.48	2.7
La Salle	13,439	14	1.04	2	.15	7.0
Mattoon	14,091	3	.21			
Maywood	13,060	25	1.91	5	.38	5.0
Moline	32,177	66	2.05	18	.56	3.7
Ottawa	11,146			13	1.17	
Pekin	12,649	12	.95	3	.24	4.0
Quincy	37,478	53	1.41	23	.61	2.3
Rock Island	37,403	25	.67	18	.48	1.4
Springfield	61,076			45	.74	
Urbana	10,745	11	1.02	0		
Indiana:						
Bloomington	12,046			12	1.00	
Clinton	12,180			1	.08	
Crawfordsville	10,317	1	.10	0		
East Chicago	40,336			25	.62	
Elwood	10,890			8	.73	
Fort Wayne	91,549	46	.50	35	.38	1.3
Frankfort	12,250	11	.90	7	.57	1.6
Gary	65,146			34	.52	
Huntington	14,870			3	.20	
Jeffersonville	10,098			12	1.19	
Kokomo	33,420	16	.48	13	.39	1.2
La Fayette	23,079			18	.78	
Laporte	16,241	10	.62	8	.49	1.2
Marion	24,895	2	.08			
Michigan City	19,567			16	.82	
Mishawaka	15,865	37	2.33	8	.50	4.6
Muncie	39,236			23	.59	
Newcastle	15,593			7	.45	
Peru	12,533			9	.72	
Richmond	28,124			19	.58	
Terre Haute	68,123			39	.57	
Whiting	11,060			5	.45	
Iowa:						
Cedar Rapids	48,849			12	.25	
Clinton	124,151			12	.50	
Council Bluffs	37,930			3	.08	

<sup>1</sup> Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TUBERCULOSIS (PULMONARY)—Continued

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Iowa—Continued.</b>						
Davenport	59,966			47	0.78	
Dubuque	39,306			30	.76	
Mason City	22,263	4	0.18	2	.09	2.0
Muscatine	16,068			11	.68	
Waterloo	38,685			2	.05	
<b>Kansas:</b>						
Atchison	12,630	2	.16	1	.08	2.0
Hutchinson	25,083			1	.04	
Lawrence	12,476	30	2.40	8	.64	3.8
Parsons	16,946	30	1.77	14	.83	2.1
Pittsburg	18,857	11	.58	7	.37	1.6
Topeka	51,902	131	2.52	22	.42	6.0
<b>Kentucky:</b>						
Henderson	12,352	26	2.10	21	1.70	1.2
Lexington	43,062			96	2.23	
Owensboro	21,486	8	.37			
Paducah	25,243			31	1.23	
<b>Louisiana:</b>						
Shreveport	47,957			75	1.56	
<b>Maine:</b>						
Auburn	17,479			12	.69	
Bath	16,104	3	.19	2	.12	1.5
Biddeford	18,246			12	.66	
Lewiston	33,219	45	1.35	16	.48	2.8
Portland	72,027	83	1.15	44	.61	1.9
Sanford	11,114	3	.27			
Waterville	13,839			5	.36	
<b>Maryland:</b>						
Annapolis	11,859			6	.51	
Cumberland	31,671	39	1.23	22	.69	1.8
<b>Massachusetts:</b>						
Adams	12,967	36	2.78	5	.39	7.2
Arlington	20,590	46	2.23	13	.63	3.5
Attleboro	20,636	27	1.31	5	.24	5.4
Belmont	12,090	13	1.08	9	.74	1.4
Beverly	23,566	25	1.06	5	.21	5.0
Braintree	11,228			41	3.65	
Brockton	68,667	81	1.18	26	.38	3.1
Brookline	40,311	37	.92	17	.42	2.2
Chelsea	45,947	85	1.85	25	.54	3.4
Chicopee	38,997	40	1.03	24	.62	1.7
Clinton	12,979	20	1.54	5	.39	4.0
Danvers	11,546			15	1.30	
Easthampton	11,965	16	1.34	9	.75	1.8
Everett	41,823	77	1.84	13	.31	5.9
Fitchburg	41,853	58	1.39	27	.65	2.1
Framingham	18,083	20	1.11	11	.61	1.8
Gardner	17,556	41	2.34	11	.63	3.7
Greenfield	16,757	8	.48	1	.06	8.0
Haverhill	56,399	71	1.26	42	.74	1.7
Holyoke	60,839	65	1.07	49	.81	1.3
Lawrence	96,425	131	1.36	87	.90	1.5
Leominster	20,302	43	2.12	10	.49	4.3
Marlboro	15,143	12	.79	8	.53	1.5
Melrose	18,844	19	1.01	8	.42	2.4
Methuen	16,152	21	1.30	9	.56	2.3
Milford	13,576			16	1.18	
Newburyport	15,789			7	.44	
Newton	47,662	37	.78	22	.46	1.7
North Adams	22,350	26	1.16	11	.49	2.4
Northampton	22,599	42	1.86	6	.27	7.0
Northbridge	10,524			5	.48	
Norwood	13,815			12	.87	
Peabody	20,537	29	1.41	7	.34	4.1
Pittsfield	44,246	81	1.83	26	.59	3.1
Plymouth	13,278	16	1.21	1	.06	16.0
Quincy	51,799	79	1.53	25	.45	3.2
Salem	42,529	42	.99	20	.47	2.1
Saugus	11,602			9	.78	
Somerville	97,174	98	1.01	31	.32	3.2
Southbridge	14,670	11	.75	9	.61	1.2
Taunton	37,877	64	1.69	31	.82	2.1
Wakefield	13,441	12	.89	5	.37	2.4
Waltham	31,708	38	1.20	24	.76	1.6

<sup>1</sup>Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## TUBERCULOSIS (PULMONARY)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Massachusetts—Continued.</b>						
Watertown.....	23,667	25	1.06	9	0.38	2.8
Webster.....	13,708			6	.44	
Westfield.....	19,262	37	1.92	10	.52	3.7
Winchester.....	10,788	10	.93	2	.19	5.0
Winthrop.....	16,825	18	1.07	1	.06	18.0
Woburn.....	16,899	19	1.12	8	.47	2.4
<b>Michigan:</b>						
Bay City.....	48,169	45	.93	18	.37	2.5
Hamtramck.....	63,668	65	1.02	34	.53	1.9
Highland Park.....	58,222			14	.24	
Holland.....	12,613	11	.87			
Ishpeming.....	19,500	6	.57			
Jackson.....	52,737	50	.95	20	.38	2.5
Lansing.....	63,430	65	1.02	14	.22	4.6
Muskegon.....	39,533	55	1.39	19	.48	2.9
Port Huron.....	27,767			1	.04	
Saginaw.....	68,581	56	.82	36	.52	1.6
Sault Ste. Marie.....	12,096	15	1.24	13	1.07	1.2
<b>Minnesota:</b>						
Austin.....	10,931			3	.27	
Faribault.....	11,627			10	.86	
Hibbing.....	16,119			3	.19	
Mankato.....	13,009			7	.54	
St. Cloud.....	17,231			7	.41	
Winona.....	19,286			11	.57	
<b>Mississippi:</b>						
Biloxi.....	11,680	6	.51	2	.17	3.0
Jackson.....	23,218	119	5.13	22	.95	5.4
<b>Missouri:</b>						
Columbia.....	10,502			17	1.62	
Moberly.....	13,293			9	.68	
St. Joseph.....	78,177			59	.75	
<b>Montana:</b>						
Anaconda.....	12,063			10	.83	
Great Falls.....	26,739			14	.52	
Helena.....	12,037	22	1.82	8	.66	2.7
Missoula.....	12,668	15	1.18	2	.16	7.5
<b>Nebraska:</b>						
Lincoln.....	57,671			24	.42	
Reno.....	12,311			14	1.14	
<b>New Hampshire:</b>						
Berlin.....	17,217	21	1.22	3	.17	7.0
Concord.....	22,339	36	1.61	26	1.16	1.4
Dover.....	13,029			2	.15	
Manchester.....	80,526			54	.67	
Nashua.....	28,990			8	.28	
Portsmouth.....	14,160	8	.56	5	.35	1.6
<b>New Jersey:</b>						
Asbury Park.....	12,978			12	.92	
Atlantic City.....	51,880	44	.85	11	.21	4.0
Bayonne.....	82,214			69	.84	
Bloomfield.....	23,807	26	1.09			
Bridgeton.....	14,351	9	.63	7	.49	1.3
Clifton.....	30,230	17	.56	5	.17	3.4
East Orange.....	54,918			25	.46	
Hackensack.....	18,598	13	.70	6	.32	2.2
Harrison.....	16,036	26	1.62			
Hoboken.....	68,166			55	.81	
Kearny.....	28,799			13	.45	
Long Branch.....	13,577	27	1.99	4	.29	6.7
Montclair.....	30,678	42	1.37	25	.81	1.7
Morristown.....	12,558	19	1.51			
Orange.....	34,254	45	1.31			
Passaic.....	66,177	69	1.04	34	.51	2.0
Perth Amboy.....	44,175			20	.45	
Phillipsburg.....	17,700			3	.17	
Plainfield.....	29,540	41	1.39	14	.47	2.9
Rahway.....	11,480	8	.70	6	.52	1.3
Summit.....	10,862	19	1.75	5	.46	3.8
Union.....	20,651	3	.15			
West Hoboken.....	41,277			16	.39	
West New York.....	34,139			8	.23	
West Orange.....	16,755	21	1.25	8	.48	2.6

<sup>1</sup>Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TUBERCULOSIS (PULMONARY)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>New York:</b>						
Amsterdam	34, 104			18	0.53	
Auburn	36, 585	32	0.87	17	.46	1.9
Batavia	13, 971	10	.72	2	.14	5.0
Cohoes	22, 987	37	1.61	1	.04	37.0
Cortland	13, 754	19	1.38	7	.51	2.7
Dunkirk	19, 879	23	1.16	8	.40	2.9
Glens Falls	16, 993	37	2.18	7	.41	5.3
Gloversville	22, 443	22	.98			
Herkimer	11, 209	15	1.34	3	.27	5.0
Hornell	15, 388	14	.91	6	.39	2.3
Hudson	11, 303	22	1.85	5	.42	4.4
Ithaca	17, 569	39	2.22	16	.91	2.4
Jamestown	40, 879	58	1.42	21	.51	2.8
Johnstown	11, 026	18	1.63	5	.45	3.6
Lackawanna	18, 785	44	2.34	6	.32	7.3
Little Falls	13, 223	9	.68	2	.15	4.5
Lockport	21, 908	20	.91	14	.64	1.4
Middletown	19, 220	41	2.13	12	.62	3.4
Mount Vernon	45, 736			12	.26	
Newburg	31, 024			44	1.42	
New Rochelle	38, 104	48	1.26	12	.31	4.0
North Tonawanda	16, 390			5	.31	
Olean	21, 939	23	1.05	10	.45	2.3
Oneonta	12, 120			3	.25	
Plattsburg	10, 909	23	2.11	12	1.10	1.9
Port Chester	17, 541	9	.51	3	.17	3.0
Poughkeepsie	36, 818	61	1.66	15	.41	4.1
Rensselaer	10, 851	17	1.57	5	.46	3.4
Rome	27, 845	31	1.11	16	.57	1.9
Schenectady	92, 687	113	1.22	41	.44	2.8
Troy	72, 013	187	2.60	59	.82	3.2
Watertown	32, 458	28	.85	18	.55	1.6
Watervliet	16, 331	37	2.27	10	.62	3.7
White Plains	22, 046	36	1.63	10	.45	3.6
<b>North Carolina:</b>						
Charlotte	49, 511			37	.75	
New Bern	12, 203			21	1.72	
Raleigh	28, 572			50	1.75	
Wilmington	35, 048			28	.80	
Winston-Salem	53, 924	170	3.15	71	1.32	2.4
<b>North Dakota:</b>						
Minot	11, 469			4	.35	
<b>Ohio:</b>						
Ashtabula	23, 911	23	.96	10	.42	2.3
Bellaire	15, 604	12	.77	9	.58	1.3
Bucyrus	11, 018			10	.91	
Canton	95, 742			46	.48	
Coshocton	11, 168			12	1.07	
East Cleveland	31, 955	42	1.31	11	.34	3.8
East Liverpool	21, 674			21	.97	
East Youngstown	14, 050	5	.36			
Elyria	22, 164	21	.95	12	.54	1.7
Findlay	17, 577	9	.51	4	.23	2.2
Fremont	13, 118			12	.91	
Hamilton	41, 005			36	.88	
Lima	43, 777			17	.39	
Lorain	39, 661	24	.61	20	.50	1.2
Mansfield	29, 639	43	1.45	22	.74	2.0
Marietta	15, 195			7	.46	
Newark	27, 056	28	1.03	24	.89	1.2
Salem	10, 655	4	.38	1	.09	4.0
Sandusky	23, 645	26	1.10	8	.34	3.2
Steubenville	30, 083			9	.30	
Warren	30, 518	45	1.47	22	.72	2.0
Zanesville	29, 965	77	2.57	24	.80	3.2
<b>Oklahoma:</b>						
Bartlesville	16, 638			11	.66	
McAlester	12, 095			3	.25	
Oklahoma	98, 370	96	.98	73	.74	1.3
<b>Oregon:</b>						
Astoria	15, 167			13	.86	
Eugene	10, 879	9	.83	7	.64	1.3

<sup>1</sup>Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## TUBERCULOSIS (PULMONARY)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Pennsylvania</b>						
Ambridge	14,668			4	0.27	
Berwick	12,769	1	0.08			
Butler	24,438			14	.57	
Canonsburg	11,930			9	.75	
Carbondale	19,050	1	.05			
Carnegie	11,904	7	.59			
Carriek	11,633			6	.52	
Chambersburg	13,524			9	.67	
Charlertoi	12,004			11	.92	
Chester	62,792			50	.80	
Donora	15,449			7	.45	
Farrell	16,924			2	.12	
Harrisburg	79,983			43	.54	
Hazleton	34,034	73	2.14	1	.03	73.0
Homestead	20,900	62	2.97			
Jennette	11,133	3	.27			
Johnstown	69,212			36	.52	
Lancaster	54,675			23	.42	
McKeesport	47,834	43	.90	30	.63	1.4
New Castle	47,166	26	.55			
North Braddock	15,726	8	.51	5	.32	1.6
Olyphant	10,681	2	.19			
Phoenixville	10,484			10	.95	
Shamokin	21,452	7	.33			
Sharon	23,206			8	.34	
Steelton	13,428	11	.82			
Swissvale	11,816	1	.09	0		
Tamaqua	13,108			4	.31	
Washington	22,175	23	1.04			
West Chester	11,717			18	1.54	
Williamsport	37,315			13	.35	
Woodlawn	15,453			7	.45	
<b>Rhode Island:</b>						
Cranston	31,543			16	.51	
Newport	31,054	22	.71	17	.55	1.3
<b>South Carolina:</b>						
Columbia	39,070	62	1.59			
Greenville	25,028			29	1.16	
Spartanburg	23,956			27	1.13	
<b>South Dakota:</b>						
Sioux Falls	28,062	18	.64	5	.18	3.6
<b>Tennessee:</b>						
Knoxville	85,572	121	1.41	89	1.04	1.4
<b>Texas:</b>						
Abilene	10,357	40	3.86	8	.77	5.0
Amarillo	16,532	87	5.26	17	1.03	5.1
Austin	36,167	200	5.53	85	2.35	2.4
Corpus Christi	11,114	6	.54	4	.36	1.5
Del Rio	10,589			9	.85	
Galveston	46,128			55	1.19	
San Angelo	10,050			40	3.98	
Tyler	12,518			7	.56	
Waco	40,733			27	.66	
Wichita Falls	48,237			1	.02	
<b>Utah:</b>						
Ogden	34,652			7	.20	
<b>Vermont:</b>						
Barre	10,008			36	3.60	
Burlington	23,375			13	.56	
Rutland	15,317			3	.20	
<b>Virginia:</b>						
Danville	22,187	57	2.57	18	.81	3.2
Lynchburg	30,218	67	2.22	31	1.03	2.2
Portsmouth	56,497	88	1.56	50	.89	1.8
<b>Washington:</b>						
Aberdeen	15,718			4	.25	
Everett	28,397	17	.60	12	.42	1.4
Vancouver	13,495			1	.07	
Walla Walla	15,503	20	1.29	7	.45	3.0
Yakima	19,687			17	.86	
<b>West Virginia:</b>						
Bluefield	16,302			9	.55	
Clarksburg	29,019	14	.48	12	.41	1.2
Huntington	56,135	88	1.57			
Wheeling	56,208	277	4.93	54	.96	5.1

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TUBERCULOSIS (PULMONARY)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Wisconsin:						
Appleton.....	20,279	17	0.84	10	0.49	1.7
Beloit.....	22,869	36	1.57	7	.31	5.1
Fond du Lac.....	24,618	-----	-----	12	.49	-----
Green Bay.....	32,505	-----	-----	24	.74	-----
Kenosha.....	44,858	35	.78	16	.36	2.2
La Crosse.....	30,421	46	1.51	28	.92	1.6
Marinette.....	13,610	-----	-----	10	.73	-----
Racine.....	62,736	-----	-----	27	.43	-----
Sheboygan.....	32,128	-----	-----	8	.25	-----
Wausau.....	19,453	-----	-----	7	.36	-----
Wyoming:						
Cheyenne.....	14,437	-----	-----	5	.35	-----

TYPHOID FEVER.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Anniston.....	19,004	6	33	15	0.79	2	0.11	13.3
Bessemer.....	20,174	1	66	23	1.14	2	.10	8.7
Mobile.....	62,978	8	53	-----	-----	12	.19	-----
Montgomery.....	44,834	5	43	18	.40	4	.09	22.2
Arizona:								
Phoenix.....	32,514	1	33	2	.06	1	.03	50.0
Tucson.....	23,175	4	7	9	.39	1	.04	11.1
Arkansas:								
Fort Smith.....	30,131	2	46	16	.53	10	.33	2.5
Little Rock.....	69,266	6	59	42	.61	4	.06	9.5
North Little Rock.....	14,796	2	17	15	1.01	2	.14	13.3
California:								
Alameda.....	30,201	8	13	1	.03	0	-----	-----
Bakersfield.....	20,160	6	4	2	.10	0	-----	-----
Berkeley.....	61,388	8	17	10	.16	2	.03	20.0
Eureka.....	13,200	6	1	3	.23	-----	-----	-----
Fresno.....	53,207	6	10	5	.09	4	.08	80.0
Glendale.....	16,950	1	1	6	.55	0	-----	-----
Long Beach.....	65,322	8	16	17	.26	2	.03	11.8
Pasadena.....	51,766	7	4	8	.15	2	.04	25.0
Pomona.....	14,353	3	2	8	.56	1	.07	12.5
Richmond.....	19,428	2	0	4	.21	1	.05	25.0
Riverside.....	20,404	5	14	9	.44	4	.20	44.4
Sacramento.....	68,795	7	56	50	.73	5	.07	10.0
San Bernardino.....	20,251	7	9	6	.30	3	.15	50.0
San Diego.....	83,528	8	18	3	.04	0	-----	-----
San Jose.....	41,260	6	6	2	.05	-----	-----	-----
Santa Ana.....	17,300	2	3	7	.40	1	.06	14.3
Santa Cruz.....	10,917	5	2	3	.27	1	.09	33.3
Santa Monica.....	17,157	1	6	1	.06	-----	-----	-----
Stockton.....	43,702	4	22	86	1.97	-----	-----	-----
Venice.....	12,255	1	2	5	.41	-----	-----	-----
Colorado:								
Boulder.....	11,384	2	13	7	.61	2	.18	28.6
Colorado Springs.....	30,105	7	15	8	.27	2	.07	25.0
Greeley.....	11,673	-----	-----	8	.69	5	.43	62.5
Pueblo.....	43,385	4	54	55	1.27	7	.16	12.7
Trinidad.....	10,956	7	11	19	1.73	4	.37	21.1
Connecticut:								
Bristol.....	22,453	5	4	2	.09	-----	-----	-----
Fairfield.....	12,851	1	1	2	.16	1	.08	50.0
Greenwich.....	23,580	8	7	3	.13	1	.04	33.3
Manchester.....	19,588	4	2	3	.15	1	.05	33.3
Meriden.....	35,458	3	8	5	.14	-----	-----	-----
Milford.....	11,693	2	3	4	.34	0	-----	-----

1 Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## TYPHOID FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Connecticut—Continued.								
New Britain	63,281	7	13	13	0.21	2	0.03	15.4
New London	27,240	5	12	5	.18			
Norwich	22,674	6	5	4	.18	1	.04	25.0
Stamford	37,659	2	9			3	.08	
Stratford	14,055	2	2	1	.07	0		
Waterbury	96,498	7	32	9	.09	0		
Florida:								
Key West	<sup>1</sup> 18,749			10	.53	3	.16	30.0
Miami	35,776	2	33	20	.56	8	.22	40.0
St. Petersburg	22,353			8	.36			
Tampa	54,781	5	105	51	.93	12	.22	23.5
Georgia:								
Albany	12,383	1	14	13	1.05	2	.16	15.4
Athens	17,220			31	1.80	1	.06	3.2
Augusta	53,774	6	42	51	.95	16	.30	31.4
Brunswick	15,501	8	16	18	1.16	7	.45	38.9
Macon	55,378	5	51	88	1.59	19	.34	21.6
Rome	13,548	3	42	21	1.55	2	.15	9.5
Savannah	87,678	4	73	77	.88	11	.13	14.3
Idaho:								
Boise	22,688	4	6	3	.13	0		
Pocatello	16,516	4	4	6	.36	0		
Illinois:								
Alton	25,642	6	7	6	.23			
Aurora	37,950	8	20	20	.53	5	.13	25.0
Bloomington	29,428	2	11			2	.07	
Blue Island	12,178	2	1	2	.16	0		
Centralia	13,214	5	10	3	.23	1	.08	33.3
Champaign	17,186	7	13	3	.17			
Chicago Heights	20,773	3	1	3	.14	1	.05	33.3
Cicero	52,833	6	3	3	.06			
Danville	35,197	6	31	3	.09			
East St. Louis	68,883	5	13	26	.38	4	.06	15.4
Elgin	27,835	8	7	1	.04			
Evanston	40,256	7	5	2	.05	1	.02	50.0
Freeport	20,132	4	3	1	.05			
Galesburg	24,282	6	33	7	.29			
Granite City	15,852	2	7	2	.13			
Herrin	12,048			9	.75	6	.50	66.7
Jacksonville	15,811	6	29	35	2.21	9	.57	25.7
Kewanee	18,779	3	11	37	1.97	2	.11	5.4
La Salle	13,439	6	7	1	.07	0		
Mattoon	14,091	4	11	9	.64			
Maywood	13,060	5	1	1	.08			
Moline	32,177	7	40	8	.25	1	.03	12.5
Oak Park	45,114	7	5	2	.04	0		
Peoria	78,731	6	8	4	.05	2	.03	50.0
Quincy	37,478	8	13	14	.37	3	.08	21.4
Rockford	70,485	8	11	12	.17			
Rock Island	37,403	5	11	17	.45	0		
Springfield	61,076	6	31	10	.16	0		
Streator	14,914	2	3	1	.07	0		
Urbana	10,745	3	1	5	.47	0		
Waukegan	20,039	5	19	7	.35	1	.05	14.3
Indiana:								
Anderson	31,625	7	20	4	.13			
Bloomington	12,046	4	3	2	.17			
Clinton	12,180			1	.08	0		
Crawfordsville	10,317	4	2	1	.10	0		
East Chicago	40,336	7	41			2	.05	
Elwood	10,890	4	4	2	.18	1	.09	50.0
Fort Wayne	91,549	8	36	33	.36	6	.07	18.2
Frankfort	12,250	4	1	3	.24	0		
Gary	65,146	4	6	3	.05			
Hammond	44,721	7	32			2	.04	
Huntington	14,870	5	18	6	.40	2	.13	33.3
Jeffersonville	<sup>1</sup> 10,098	4	2	1	.10			
Kokomo	33,420	7	35	11	.33	3	.09	27.3
La Fayette	23,079	8	12	11	.48	3	.13	27.3
Laporte	16,241	2	1	5	.31			
Logansport	22,236	8	15	12	.54	2	.09	16.7

<sup>1</sup> Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TYPHOID FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>Indiana—Continued.</b>								
Marion.....	24,895	6	3	3	0.12	1	0.04	33.3
Michigan City.....	19,567	2	16	3	.15	0		
Mishawaka.....	15,865	5	14	2	.13	1	.06	50.0
Muncie.....	39,236	6	22	15	.38	4	.10	26.7
Newcastle.....	15,593	5	3	1	.06	0		
Peru.....	12,533	2	1	4	.32			
Richmond.....	28,124	5	6	3	.11	0		
South Bend.....	75,093	4	21	10	.13	2	.03	20.0
Terre Haute.....	68,123	4	10			1	.01	
<b>Iowa:</b>								
Cedar Rapids.....	48,849	7	20			2	.04	
Clinton.....	124,151	1	10			1	.04	
Council Bluffs.....	37,930	1	15	9	.24	1	.03	11.1
Davenport.....	59,906	7	6			2	.03	
Dubuque.....	39,306	5	2	3	.08	1	.03	33.3
Mason City.....	22,263	5	4	2	.09	0		
Muscatine.....	116,068	2	5	9	.56			
Waterloo.....	38,685	1	33	34	.88	1	.03	2.9
<b>Kansas:</b>								
Atchison.....	112,630	3	18	15	1.19			
Chanute.....	10,546			5	.47			
Coffeyville.....	13,647	7	17	10	.73	2	.15	20.0
Eldorado.....	13,020	2	35	10	.77	2	.15	20.0
Fort Scott.....	10,751	6	8	7	.65			
Hutchinson.....	25,083	4	15	11	.44	1	.04	9.1
Lawrence.....	12,476	4	13	7	.56	0		
Leavenworth.....	116,912	8	7	3	.18	0		
Parsons.....	16,946	2	5	4	.24	1	.06	25.0
Pittsburg.....	18,857	3	12	17	.90	4	.21	23.5
Topeka.....	51,902	5	33	20	.39	5	.10	25.0
Wichita.....	77,277	8	75	33	.43	5	.06	15.2
<b>Kentucky:</b>								
Covington.....	57,661	5	32	15	.26	2	.03	13.3
Henderson.....	12,352	2	40	5	.40	1	.08	20.0
Lexington.....	43,062	8	50	22	.51	7	.16	31.8
Newport.....	129,317	4	19	14	.48	0		
Owensboro.....	21,486	3	24	23	1.07			
Paducah.....	25,243	5	16	13	.51	4	.16	30.8
<b>Louisiana:</b>								
Shreveport.....	47,957	2	43			17	.35	
<b>Maine:</b>								
Bangor.....	26,281	4	18	24	.91	1	.04	4.2
Bath.....	16,104	2	5	1	.06	0		
Biddeford.....	18,246	2	10	3	.16	1	.05	33.3
Lewiston.....	33,219	2	10	9	.27	1	.03	11.1
Portland.....	72,027	7	58	20	.40	4	.06	13.8
Sanford.....	11,114	4	4			1	.09	
Waterville.....	13,839	4	9			1	.07	
<b>Maryland:</b>								
Annapolis.....	11,859			2	.17	1	.08	50.0
Cumberland.....	31,671	8	34	17	.54	4	.13	23.5
<b>Massachusetts:</b>								
Adams.....	112,967	6	10	14	1.08	1	.08	7.1
Arlington.....	20,590	6	5	3	.15	0		
Attleboro.....	20,636	5	4	1	.05			
Belmont.....	12,090	2	1	3	.25	0		
Beverly.....	23,566	7	10			1	.04	
Brookton.....	68,667	7	17	9	.13	1	.01	11.1
Brookline.....	40,311	8	5	5	.12	3	.07	60.0
Chelsea.....	45,947	8	28	16	.35	2	.04	12.5
Chicopee.....	38,997	7	4	7	.18			
Clinton.....	112,979	8	2	2	.15	0		
Danvers.....	11,546	4	2	2	.17	1	.09	50.0
Everett.....	41,828	8	15	3	.07	1	.02	33.3
Framingham.....	18,083	6	4	5	.28	0		
Gardner.....	17,556	7	13			2	.11	
Greenfield.....	16,757	7	4	4	.24	0		
Haverhill.....	56,399	8	15	10	.18	5	.09	50.0
Holyoke.....	60,839	8	8	6	.10	1	.02	16.7
Lawrence.....	96,426	8	55	19	.20	1	.01	5.3
Leominster.....	20,302	6	3	5	.25	1	.05	20.0
Malden.....	50,313	8	12	11	.22	4	.08	36.4

<sup>1</sup>Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## TYPHOID FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>Massachusetts—Continued.</b>								
Marlboro	15, 143	6	4	3	0.20	0		
Medford	43, 141	8	9	6	.14	0		
Melrose	18, 844	6	3	5	.27	1	.05	20.0
Methuen	16, 152	4	2	2	.12	0		
Milford	13, 576	6	3	1	.07	0		
Natick	11, 175	5	4	5	.45			
Newburyport	15, 789	5	8	8	.51	1	0.06	12.5
Newton	47, 662	8	18	9	.19	0		
North Adams	22, 350	8	9	5	.22	2	.09	40.0
Northampton	22, 599	8	5	15	.66	0		
Northbridge	10, 524	4	3	1	.10	0		
Norwood	13, 815	2	4	1	.07	0		
Peabody	20, 537	7	5	4	.19			
Pittsfield	44, 246	8	10	9	.20	1	.02	11.1
Plymouth	13, 278	3	8	11	.83	1	.06	9.1
Quincy	51, 799	6	9	8	.15			
Salem	42, 529	8	5	1	.02	0		
Saugus	11, 602	3	2	3	.26	0		
Somerville	97, 174	8	16	18	.19	4	.04	22.2
Southbridge	14, 670	8	5	11	.75	1	.07	9.1
Taunton	37, 877	6	10	13	.34			
Wakefield	13, 441	2	3	2	.15	0		
Waltham	31, 708	8	10	11	.35	1	.03	9.1
Watertown	23, 667	7	3	1	.04			
Westfield	19, 262	8	5	3	.16			
Winchester	10, 788	5	2	3	.28			
Winthrop	16, 825	7	3	2	.12			
Woburn	16, 899	8	7	5	.29	1	.06	20.0
<b>Michigan:</b>								
Adrian	12, 163	5	13	11	.90	1	.08	9.1
Ann Arbor	20, 726	8	14	4	.19	0		
Battle Creek	38, 070	8	13	10	.26	0		
Bay City	48, 169	7	35	64	1.33	9	.19	14.1
Benton Harbor	13, 017	5	4	4	.31	0		
Hamtramck	63, 068	4	5	5	.08	2	.03	40.0
Highland Park	58, 222	5	15	12	.21	2	.03	16.7
Holland	12, 618	4	4	4	.32			
Ironwood	16, 490	8	3	13	.79	3	.18	23.1
Jackson	52, 737	7	17	12	.23	2	.04	16.7
Kalamazoo	50, 817	8	21	21	.41	1	.02	4.8
Lansing	63, 430	5	29	20	.32	13	.20	65.0
Muskegon	39, 533	6	13	19	.48	3	.06	15.8
Pontiac	39, 356	6	13	3	.08	1	.03	33.3
Port Huron	27, 767	5	15	9	.32	1	.04	11.1
Saginaw	68, 581	6	67	37	.54	6	.09	16.2
Sault Ste. Marie	12, 096	8	11	5	.41	2	.17	40.0
<b>Minnesota:</b>								
Faribault	11, 627	2	0	3	.26	1	.09	33.3
Mankato	13, 009	5	3			1	.08	
Rochester	15, 235	1	1	9	.59	1	.07	11.1
St. Cloud	17, 231	1	5	1	.06	0		
Winona	19, 286	4	1	2	.10	0		
<b>Mississippi:</b>								
Biloxi	11, 680	1	9	9	.77	1	.09	11.1
Jackson	23, 218	2	39	28	1.21			
<b>Missouri:</b>								
Columbia	10, 502					4	.38	
Moberly	13, 293			16	1.20	1	.08	6.2
St. Joseph	78, 177	6	22	12	.15	2	.03	16.7
<b>Montana:</b>								
Butte	42, 181	5	2	2	.05			
Great Falls	26, 739	6	26	10	.37	0		
Missoula	12, 668	7	3	14	1.11	3	.24	21.4
<b>Nebraska:</b>								
Grand Island	14, 699	4	2	6	.41			
Lincoln	57, 671	8	23	10	.17	3	.05	30.0
<b>Nevada:</b>								
Reno	12, 311	7	14	3	.24	1	.08	33.3
<b>New Hampshire:</b>								
Berlin	17, 217	6	4	8	.46	5	.29	62.5
Concord	22, 339	8	8	16	.72	3	.13	18.7

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TYPHOID FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>New Hampshire—Continued.</b>								
Dover	113,029	7	7	3	0.23	2	0.15	66.7
Keene	11,503	3	2	2	.17	0		
Manchester	80,526	8	17	6	.07	3	.04	50.0
Portsmouth	14,160	6	3	5	.35			
<b>New Jersey:</b>								
Asbury Park	12,978	8	7	3	.23	2	.15	66.7
Atlantic City	51,880	5	28	12	.23	4	.08	33.3
Bayonne	82,214	7	8	5	.06	2	.02	40.0
Belleville	17,145	5	3	1	.06			
Bridgeton	14,351	4	4	4	.28			
Clifton	30,230	2	3	4	.13	0		
East Orange	54,918	8	10	8	.15	0		
Englewood	12,065	5	5	1	.08			
Hackensack	18,598	7	4	2	.11	0		
Hoboken	68,166	4	9	3	.04	1	.01	33.3
Kearny	28,799	7	3	1	.03			
Long Branch	13,577	8	10	12	.88	1	.07	8.3
Montclair	30,678	8	7	3	.10			
Morristown	12,558	8	7	7	.56	0		
New Brunswick	35,144	7	16	2	.06	0		
Orange	34,254	7	2	7	.20			
Passaic	66,177	8	8	8	.12	2	.03	25.6
Perth Amboy	44,175	8	10	6	.14	1	.02	16.7
Plainfield	29,540	8	7	9	.30	3	.10	33.3
Rahway	11,480	5	6	12	1.05	2	.17	16.7
Summit	10,862	2	4	3	.28	1	.09	33.3
Union	20,651	2	1	1	.05			
West Hoboken	41,277	6	3	3	.07			
West New York	34,139	5	4	1	.03			
West Orange	16,755	5	2	2	.12	0		
<b>New York:</b>								
Amsterdam	34,104	4	7	4	.12	1	.03	25.0
Auburn	36,585	7	16	3	.08	1	.03	33.3
Batavia	13,971	2	29			2	.14	
Binghamton	71,525	8	15	10	.14	0		
Cohoes	22,987	4	5	3	.13			
Corning	16,358	6	13	3	.18			
Cortland	13,754	7	10	9	.65	1	.07	11.1
Dunkirk	19,879	8	4	4	.20	0		
Glens Falls	16,996	4	3	2	.12			
Gloversville	22,443	7	4	1	.04			
Hornell	15,388	6	3	2	.13			
Hudson	11,893	3	3	9	.76	3	.25	38.3
Ithaca	17,569	8	19	18	1.02	2	.11	11.1
Jamestown	40,879	6	16	10	.24	1	.02	10.0
Lackawanna	18,785	6	15	20	1.06			
Lockport	21,908	4	24	8	.36	2	.09	25.0
Mount Vernon	45,766	8	11	5	.11	2	.04	40.0
Newburgh	31,024	7	18	12	.39	3	.10	25.0
New Rochelle	38,104	6	8	8	.21			
Niagara Falls	55,990	7	17	13	.23	2	.04	15.4
North Tonawanda	16,390	8	24	6	.37			
Olean	21,989	8	11	17	.77	1	.05	5.9
Ononota	12,120	1	22	7	.58	0		
Oswego	23,691	4	14	12	.51	1	.04	8.3
Peekskill	15,976	8	2	2	.13	1	.06	50.0
Plattsburgh	10,909	5	13	4	.37			
Port Chester	17,541	6	5	3	.17			
Poughkeepsie	36,818	6	8	5	.14	2	.05	40.0
Rensselaer	10,851			4	.37			
Rome	27,845	8	10	4	.14	2	.07	50.0
Saratoga Springs	13,181	7	13	9	.68	2	.15	22.2
Schenectady	92,687	8	37	7	.08	2	.02	28.6
Troy	72,013	7	36	26	.36	7	.10	26.9
Watertown	32,458	8	30	22	.68	5	.15	22.7
Watervliet	16,331	2	6	5	.31	1	.06	20.0
White Plains	22,046	6	4	2	.09			
<b>North Carolina:</b>								
Asheville	29,854	8	18	19	.64	4	.13	21.1
Charlotte	49,511	5	34			2	.04	
Greensboro	19,861					4	.20	
New Bern	12,206			13	1.07	2	.16	15.4

<sup>1</sup>Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## TYPHOID FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
North Carolina—Continued.								
Raleigh	28,572	5	10	32	1.12	6	0.21	18.7
Rocky Mount	13,820	3	12	1	.07			
Wilmington	35,048	7	39	18	.51	3	.09	16.7
Winston-Salem	53,924	6	100	46	.85	10	.19	21.7
North Dakota:								
Minot	11,469					1	.09	
Ohio:								
Ashabula	23,911	6	17	17	.71	6	.25	35.3
Barberton	20,844	4	7	5	.24			
Bellaire	15,604	3	20	6	.38	1	.06	16.7
Bucyrus	11,018	2	17	31	2.81	4	.36	12.9
Cambridge	13,524	4	8	5	.37	1	.07	20.0
Canton	95,742	8	26	74	.77	8	.08	10.8
Chillicothe	16,171	8	17	11	.68	4	.25	36.4
Cleveland Heights	18,399			5	.27			
Coshocton	11,168	1	5	4	.36	0		
Cuyahoga Falls	11,791	1	20	3	.25			
East Cleveland	31,955	3	2	5	.16			
East Liverpool	21,674	2	22	23	1.06	4	.18	17.4
East Youngstown	14,080	2	1	8	.57			
Elyria	22,164	8	6	10	.45			
Findlay	17,577	7	8			2	.11	
Fremont	13,118	5	14	10	.70	2	.15	20.0
Hamilton	41,005	8	10	11	.27	3	.07	27.3
Ironton	14,227	1	40	7	.49	2	.14	28.6
Kenmore	15,946	1	8	3	.19			
Lima	43,777	6	24	22	.50			
Lorain	39,661	8	15	15	.33	4	.10	26.7
Mansfield	29,639	8	13	6	.20	0		
Marietta	15,195	3	5			1	.07	
Marion	29,991	5	17	4	.13	0		
Middletown	27,457	8	10	8	.29	2	.07	25.0
Newark	27,056	6	21	10	.37	1	.04	16.0
Niles	15,094	2	18	2	.13	1	.07	50.0
Norwood	27,226	8	3	1	.04			
Piqua	15,469	8	13	31	2.00	4	.26	12.9
Salon	10,655	1	5	2	.19	0		
Sandusky	23,645	8	11	14	.59	5	.21	35.7
Springfield	64,423	7	25	16	.25	4	.06	25.0
Stouboville	30,083	8	19	12	.40	2	.07	16.7
Warren	30,518	7	40	21	.69	5	.16	23.8
Zanesville	29,965	5	59	8	.27	1	.03	12.5
Oklahoma:								
Bartlesville	16,638					9	.54	
Chickasha	110,179	1	24	13	1.23			
McAlester	112,095	4	5	1	.08			
Oklahoma	98,370	7	43	14	.14	10	.10	71.4
Tulsa	93,556	2	75	42	.45			
Oregon:								
Astoria	15,167	5	2			1	.07	
Eugene	10,879	5	7	20	1.84	1	.09	5.0
Pennsylvania:								
Altoona	63,523	7	43	6	.09	3	.05	50.0
Ambridge	14,668	1	1	2	.14			
Beaver Falls	12,958	2	25	5	.30			
Berwick	12,769	1	2	5	.39			
Bethlehem	58,029	6	13	2	.03			
Braddock	21,269	6	16	8	.38			
Bradford	15,648	7	7	3	.19			
Butler	24,438	7	13	10	.41	1	.04	10.0
Canonsburg	11,930	2	31			2	.17	
Carbondale	19,050	6	4	1	.05			
Carlisle	11,074	6	2	4	.36			
Carnegie	11,904	2	13	1	.08			
Carrick	11,633	2	3	2	.17			
Chambersburg	13,524	4	6	8	.59	2	.15	25.0
Chester	62,792	3	32	15	.24	3	.05	20.0
Coatesville	15,368	5	22	12	.78	1	.06	8.3
Connellsville	14,050	6	8	3	.21	1	.07	33.3
Donora	15,449	2	1	2	.13			
Easton	35,175	7	19	9	.26	1	.03	11.1
Harrisburg	79,983	8	33	17	.21	6	.06	29.4

1 Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TYPHOID FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Pennsylvania—Continued.								
Hazleton	34,034	5	6	5	0.15	1	0.03	20.0
Homestead	20,900	8	23	2	.10			
Jeanette	11,133	2	18	1	.09			
Johnstown	69,212					6	.09	
Lancaster	54,675	8	35	28	.51	3	.05	10.7
McKeesport	47,834	8	14			3	.06	
Monessen	19,555	6	18	2	.05			
Nanticoke	23,577	5	3			1	.04	
New Castle	47,166	8	41	10	.21			
Norristown	33,462	8	17	13	.39	2	.06	15.4
North Braddock	15,726	6	7	5	.32	2	.13	40.0
Oil City	22,177	6	7	3	.14			
Phoenixville	10,484	2	5	1	.10			
Pittston	19,070	4	2	3	.16			
Plymouth	16,500	8	4	2	.12			
Sharon	23,208	4	12	6	.26	1	.04	16.7
Shenandoah	24,726	4	30	80	3.24	9	.36	11.2
Steelton	13,428	8	3	1	.07			
Sunbury	16,224	6	13	3	.18			
Swissvale	11,816	2	15	5	.42	0		
Tamaqua	13,108	3	1	1	.08			
Uniontown	15,692	5	21	8	.51			
Warren	14,655	8	9	7	.48	0		
Washington	22,175	7	35	29	1.31			
West Chester	11,717	8	5	3	.26	0		
Wilkinsburg	25,761	4	8	8	.31	2	.08	25.0
Williamsport	37,315	4	18			2	.05	
Woodlawn	15,453	2	10	2	.13	1	.06	50.0
York	48,222	6	53	18	.37	1	.02	5.6
Rhode Island:								
Cranston	31,543	8	4	3	.10			
South Carolina:								
Columbia	39,070	4	38	44	1.13			
Greenville	25,028	7	16	48	1.92	4	.16	8.3
Spartanburg	23,956	5	28	11	.46	4	.17	36.4
South Dakota:								
Sioux Falls	28,062	6	8	7	.25	0		
Tennessee:								
Jackson	19,343	3	30	79	4.08			
Knoxville	85,572	5	46	127	1.48	18	.21	14.2
Texas:								
Abilene	10,357			15	.4	0		
Amarillo	16,532	4	16	7	.4	1	.06	14.3
Austin	36,167	4	18	12	.3	7	.19	58.3
Beaumont	44,954	4	13			3	.07	
Cleburne	13,430	3	10	8	.60	3	.22	37.5
Del Rio	10,589					1	.09	
Galveston	46,128	6	38	32	.69	4	.09	12.5
San Angelo	10,050					1	.10	
Tyler	12,518	4	6	6	.48	1	.08	16.7
Waco	40,733	5	27	1	.02	0		
Wichita Falls	48,237	1	6			7	.15	
Utah:								
Ogden	34,652	6	10	15	.43	6	.17	40.0
Vermont:								
Barre	10,008	4	3	1	.10	0		
Virginia:								
Alexandria	18,248	5	40	23	1.26	2	.11	8.7
Danville	22,187	6	26	31	1.40	3	.14	9.7
Lynchburg	30,218	7	62	9	.30	0		
Newport News	35,596	7	40	11	.31			
Petersburg	33,585	5	44	10	.30	1	.03	10.0
Portsmouth	56,497	6	35	33	.58	3	.05	9.1
Washington:								
Aberdeen	15,718	4	2	5	.32	0		
Bellingham	25,878	5	4	4	.15	1	.04	25.0
Everett	28,397	8	9	6	.21	1	.04	16.7
Vancouver	13,485	4	4			1	.07	
Walla Walla	15,503	1	84	9	.58	3	.19	33.3
Yakima	19,687	7	15	9	.46	4	.20	41.4

<sup>1</sup> Population, Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## TYPHOID FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
<b>West Virginia:</b>								
Bluefield.....	16,302	4	19	36	2.21	11	0.67	30.6
Charleston.....	43,886	5	52	31	.71	11	.25	35.5
Clarksburg.....	29,019	-----	-----	15	.52	1	.03	6.7
Fairmont.....	19,264	5	25	30	1.56	-----	-----	-----
Huntington.....	56,135	1	15	43	.77	17	.30	39.5
Martinsburg.....	12,983	3	16	18	1.39	-----	-----	-----
Moundsville.....	11,120	2	6	4	.36	-----	.09	25.0
Wheeling.....	156,208	7	81	28	.50	6	.11	21.4
<b>Wisconsin:</b>								
Appleton.....	20,279	2	2	4	.20	1	.05	25.0
Ashland.....	11,334	4	12	3	.26	-----	-----	-----
Beloit.....	22,869	7	5	2	.09	0	-----	-----
Eau Claire.....	21,574	8	9	7	.32	-----	-----	-----
Fond du Lac.....	24,618	7	7	11	.45	0	-----	-----
Green Bay.....	32,505	6	5	10	.31	6	.18	60.0
Janesville.....	19,426	6	1	3	.15	0	-----	-----
Kenosha.....	44,858	7	10	6	.13	3	.07	50.0
La Crosse.....	30,421	8	5	8	.26	-----	-----	-----
Madison.....	41,336	7	4	4	.10	1	.02	25.0
Marinette.....	13,610	8	6	21	1.54	2	.15	9.5
Oshkosh.....	33,187	8	10	5	.15	2	.06	40.0
Racine.....	62,736	5	7	5	.08	-----	-----	-----
Sheboygan.....	32,128	4	17	13	.40	-----	-----	-----
Superior.....	139,671	7	19	20	.50	5	.13	25.0
Wausau.....	19,453	7	4	3	.15	0	-----	-----
<b>Wyoming:</b>								
Cheyenne.....	14,437	1	2	1	.07	0	-----	-----

## TYPHUS FEVER.

City.	Cases reported, 1922.	Deaths registered, 1922.
<b>Missouri:</b>		
St. Joseph.....	1	1
<b>New Jersey:</b>		
Passaic.....	-----	1
<b>Ohio:</b>		
Chillicothe.....	1	-----

## WHOOPIING COUGH.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Alabama:</b>						
Anniston.....	19,004	1	0.05	0	-----	-----
Bessemer.....	20,174	3	.15	1	0.05	3.0
Mobile.....	62,978	-----	-----	1	.02	-----
Montgomery.....	44,834	40	.89	2	.04	20.0
<b>Arizona:</b>						
Phoenix.....	32,514	10	.31	3	.09	3.3
Tucson.....	23,175	-----	-----	4	.17	-----
<b>Arkansas:</b>						
Fort Smith.....	30,131	6	.20	-----	-----	-----
Little Rock.....	69,266	1	.01	0	-----	-----
<b>California:</b>						
Alameda.....	30,201	58	1.92	0	-----	-----
Bakersfield.....	20,160	7	.35	2	.10	3.5

<sup>1</sup> Population, Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

WHOOPIING COUGH—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
California—Continued.						
Berkeley.....	61,388	123	2.00	2	.03	61.5
Eureka.....	13,200	2	.15			
Fresno.....	53,207	34	.64	1	.02	34.0
Glendale.....	16,950	61	3.60	0		
Long Beach.....	65,322	36	.55	2	.03	18.0
Pasadena.....	51,766	148	2.86	0		
Pomona.....	14,353	27	1.88	0		
Richmond.....	19,428	2	.10	0		
Riverside.....	20,404	62	3.04			
Sacramento.....	68,795	118	1.72	12	.17	9.8
San Bernardino.....	20,251	53	2.62	1	.05	53.0
San Diego.....	83,528	97	1.16	1	.01	97.0
San Jose.....	41,280	11	.27	1	.02	11.0
Santa Ana.....	17,300	3	.17			
Santa Monica.....	17,157	31	1.81			
Stockton.....	43,702	6	.14			
Venice.....	12,255	4	.33			
Colorado:						
Boulder.....	11,384		.88			
Colorado Springs.....	130,105	165	5.15	1	.03	155.0
Pueblo.....	43,385	3	.07	0		
Connecticut:						
Bristol.....	22,453	25	1.11			
Fairfield.....	12,851	1	.08	0		
Greenwich.....	23,580	197	8.35	3	.13	65.7
Manchester.....	19,588	2	.10	0		
Meriden.....	35,458	53	1.49			
Milford.....	11,693	9	.77	0		
New Britain.....	63,281	96	1.52	0		
New London.....	27,240	64	2.35	0		
Norwich.....	22,674	14	.62	1	.04	14.0
Stanford.....	37,650	25	.66			
Stratford.....	14,055	9	.64	0		
Waterbury.....	96,498	77	.80	1	.01	77.0
Florida:						
Miami.....	35,776	8	.22	1	.03	8.0
Tampa.....	54,781	18	.33	1	.02	18.0
Georgia:						
Albany.....	12,383			2	.16	
Athens.....	17,220	16	.93			
Augusta.....	53,774			1	.02	
Macon.....	56,378	199	3.50	0		
Rome.....	13,548	4	.30			
Savannah.....	87,678	6	.07	2	.02	3.0
Illinois:						
Alton.....	25,642	6	.23			
Aurora.....	37,950	65	1.71	1	.03	65.0
Berwyn.....	16,288	18	1.11	1	.06	18.0
Bloomington.....	29,428	175	5.95	0		
Blue Island.....	12,178	9	.74	0		
Champaign.....	17,186	76	4.42			
Chicago Heights.....	20,773	1	.05	0		
Cicero.....	52,833	53	1.00	0		
East St. Louis.....	68,883	5	.07	1	.01	5.0
Elgin.....	27,835	30	1.08			
Evanston.....	40,256	428	10.63			
Forest Park.....	11,843	64	5.40			
Freeport.....	20,132	142	7.05	3	.15	47.3
Galesburg.....	24,282	17	.70			
Herrin.....	12,048			1	.08	
Jacksonville.....	15,811	4	.25	0		
Kewanee.....	18,779	1	.05			
La Salle.....	13,439	12	.89	0		
Mattoon.....	14,091	25	1.77			
Maywood.....	13,060	99	7.58	2	.15	49.5
Moline.....	32,177	35	1.09			
Oak Park.....	45,114	538	11.93	2	.04	280.0
Ottawa.....	11,146	5	.45	0		
Pekin.....	12,649	17	1.34	1	.08	17.0
Peoria.....	78,731	138	1.75	2	.03	69.0
Quincy.....	37,478	11	.29	0		
Rockford.....	70,485	40	.57	1	.01	40.0
Rock Island.....	37,403	28	.75	0		
Springfield.....	61,076	318	5.21	3	.05	106.0

<sup>1</sup>Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## WHOOPIING COUGH—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Illinois—Continued.						
Streator	14,914	2	0.13	0		
Urbana	10,745	27	2.51	0		
Waukegan	20,039	34	1.70			
Indiana:						
Crawfordsville	10,317	1	.10	0		
East Chicago	40,336	40	.99	7	0.17	5.7
Fort Wayne	91,549	43	.47	0		
Gary	65,146	10	.15			
La Fayette	23,079	4	.17			
Laporte	16,241	8	.49			
Marion	24,895	6	.24	0		
Mishawaka	15,865	25	1.58	0		
Muncie	39,236	25	.64			
Newcastle	16,593	1	.06	0		
Richmond	28,124	6	.21	0		
South Bend	75,093	59	.79			
Terre Haute	68,123	1	.01	0		
Whiting	11,060	4	.36			
Iowa:						
Burlington	24,057	5	.21	1	.04	5.0
Clinton	24,151			1	.04	
Davenport	59,966	4	.07	0		
Dubuque	39,306	11	.28	0		
Iowa City	11,570	1	.09			
Mason City	22,263	1	.04	0		
Sioux City	77,252	1	.01	0		
Waterloo	38,685	21	.54	0		
Kansas:						
Atchison	12,630	5	.40			
Chanute	10,546	60	5.69	4	.38	15.0
Eldorado	13,620	80	6.14			
Fort Scott	10,751	1	.09			
Hutchinson	25,083	26	1.04			
Lawrence	12,476	10	.80	0		
Leavenworth	16,912	2	.12	0		
Pittsburg	18,857	2	.11	0		
Topeka	51,902	79	1.52	1	.02	79.0
Wichita	77,277	384	4.97	1	.01	384.0
Kentucky:						
Covington	57,661	8	.14	0		
Henderson	12,352	11	.89	1	.08	11.0
Lexington	43,662	109	2.53	0		
Newport	20,317	12	.41	0		
Owensboro	21,486	33	1.54			
Paducah	25,243	39	1.54	0		
Louisiana:						
Shreveport	47,957			1	.02	
Maine:						
Auburn	17,479	34	1.95	0		
Bangor	26,281	64	2.44	0		
Bath	16,104	40	2.48	0		
Biddeford	18,246	10	.55	0		
Lewiston	33,219	38	1.14	1	.03	38.0
Portland	72,027	79	1.10	1	.01	79.0
Waterville	13,839	41	2.96	0		
Maryland:						
Annapolis	11,859	2	.17			
Cumberland	31,671	3	.09			
Massachusetts:						
Adams	12,967	26	2.01	1	.08	26.0
Arlington	20,590	38	1.85	1	.05	38.0
Attleboro	20,636	35	1.70			
Belmont	12,090	72	5.96	0		
Beverly	23,566	20	.85	1	.04	20.0
Braintree	11,228	45	4.01	1	.09	45.0
Brockton	68,667	92	1.34	0		
Brookline	40,311	98	2.43			
Chelsea	45,947	56	1.22	0		
Chicopee	38,997	20	.51	5	.13	4.0
Clinton	12,979	5	.39	0		
Danvers	11,546	12	1.04	1	.09	12.0
Dedham	11,180	25	2.24	1	.09	25.0
Easthampton	11,965	12	1.00			

<sup>1</sup> Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

WHOOPIING COUGH—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Massachusetts—Continued.</b>						
Everett	41,828	108	2.58	1	0.02	108.0
Fitchburg	41,853	112	2.68	4	.10	28.0
Frammingham	18,063	77	4.26	1	.06	77.0
Gardner	17,556	37	2.11	1	.06	37.0
Greenfield	16,757	54	3.22	1	.06	54.0
Haverhill	56,399	70	1.24	0	—	—
Holyoke	60,830	84	1.38	2	.03	42.0
Lawrence	96,426	143	1.48	1	.01	143.0
Leominster	20,302	81	3.99	5	.25	16.2
Malden	50,313	42	.83	2	.04	21.0
Marlboro	15,143	42	2.77	2	.13	21.0
Medford	43,141	76	1.76	—	—	—
Melrose	18,844	18	.96	0	—	—
Methuen	16,152	23	1.42	0	—	—
Milford	13,576	16	1.18	0	—	—
Natick	11,175	30	2.68	—	—	—
Newburyport	15,789	36	2.23	—	—	—
Newton	47,662	146	3.06	1	.02	146.0
North Adams	22,350	15	.67	0	—	—
Northampton	22,599	51	2.26	0	—	—
Northbridge	10,524	17	1.62	0	—	—
Norwood	13,815	28	2.03	—	—	—
Peabody	20,537	47	2.29	3	.15	15.7
Pittsfield	44,246	39	.88	7	.16	5.6
Plymouth	13,278	2	.15	—	—	—
Quincy	51,799	189	3.65	5	.10	37.8
Salem	42,529	138	3.24	2	.05	69.0
Saugus	11,602	28	2.41	0	—	—
Somerville	97,174	136	1.40	5	.05	27.2
Southbridge	14,670	10	.68	3	.20	3.3
Taunton	37,877	18	.48	0	—	—
Wakefield	13,441	20	1.49	0	—	—
Waltham	31,708	72	2.27	0	—	—
Watertown	23,667	50	2.11	—	—	—
Westfield	19,262	16	.83	1	.05	16.0
Winchester	10,788	10	.93	1	.09	10.0
Winthrop	16,825	112	6.66	—	—	—
Woburn	16,899	25	1.48	—	—	—
<b>Michigan:</b>						
Adrian	12,163	3	.25	1	.08	3.0
Ann Arbor	20,726	63	3.04	0	—	—
Battle Creek	38,970	27	.69	0	—	—
Bay City	48,169	—	3.51	3	.06	56.3
Hamtramck	63,668	24	.38	—	—	—
Highland Park	58,222	164	2.82	2	.03	82.0
Holland	12,613	74	5.86	—	—	—
Ironwood	16,490	7	.42	—	—	—
Ishpeming	10,500	10	.95	—	—	—
Jackson	52,737	197	3.74	1	.02	197.0
Kalamazoo	50,817	12	.24	0	—	—
Lansing	63,430	212	3.34	3	.05	70.7
Muskegon	39,533	31	.78	3	.08	10.3
Pontiac	39,356	231	5.87	3	.08	77.0
Port Huron	27,767	45	1.62	—	—	—
Saginaw	68,581	100	1.46	2	.03	50.0
Sault Ste. Marie	12,096	2	.17	0	—	—
<b>Minnesota:</b>						
Hibbing	16,119	—	—	1	.06	—
Mankato	13,009	—	—	1	.08	—
Rochester	15,235	2	.13	0	—	—
Winona	19,286	1	.05	0	—	—
<b>Mississippi:</b>						
Biloxi	11,680	7	.60	0	—	—
Jackson	23,218	45	1.94	1	.04	45.0
<b>Missouri:</b>						
St. Joseph	78,177	12	.15	—	—	—
<b>Montana:</b>						
Great Falls	26,739	3	.11	0	—	—
<b>Nebraska:</b>						
Grand Island	14,699	1	.07	—	—	—
Lincoln	57,671	142	2.46	1	.03	142.0
<b>Nevada:</b>						
Reno	12,311	9	.73	—	—	—

<sup>1</sup> Population Jan. 1, 1920.

## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## WHOOPIING COUGH—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>New Hampshire:</b>						
Berlin.....	17,217	12	0.70	2	0.12	6.0
Concord.....	22,339	5	.22	2	.09	2.5
Dover.....	13,029	22	1.69	0	.....	.....
Manchester.....	80,526	.....	.....	1	.01	.....
Nashua.....	28,990	4	.14	1	.03	4.0
Portsmouth.....	14,160	3	.21	.....	.....	.....
<b>New Jersey:</b>						
Asbury Park.....	12,978	25	1.93	0	.....	.....
Atlantic City.....	51,880	51	.98	2	.04	25.5
Bayonne.....	82,214	26	.32	11	.13	2.4
Belleville.....	17,145	14	.82	.....	.....	.....
Bloomfield.....	23,807	174	7.31	1	.04	174.0
Bridgeton.....	14,351	6	.42	.....	.....	.....
Clifton.....	30,230	11	.36	1	.03	11.0
East Orange.....	54,918	355	6.46	3	.05	118.3
Englewood.....	12,065	97	8.04	.....	.....	.....
Hackensack.....	18,588	21	1.13	0	.....	.....
Harrison.....	16,036	37	2.31	.....	.....	.....
Hoboken.....	68,166	30	.44	1	.01	39.0
Kearny.....	28,799	67	2.33	1	.03	67.0
Long Branch.....	13,577	12	.88	1	.07	12.0
Montclair.....	30,678	35	1.14	1	.03	35.0
Morristown.....	12,558	30	2.39	0	.....	.....
Orange.....	34,254	53	1.55	1	.03	53.0
Passaic.....	66,177	120	1.81	4	.06	30.0
Perth Amboy.....	44,175	21	.48	5	.11	4.2
Plainfield.....	29,540	130	4.40	8	.27	16.2
Rahway.....	11,480	1	.09	0	.....	.....
Summit.....	10,862	26	2.39	0	.....	.....
Union.....	20,651	2	.10	.....	.....	.....
West Hoboken.....	41,277	6	.15	.....	.....	.....
West New York.....	34,139	1	.03	.....	.....	.....
West Orange.....	16,755	45	2.69	0	.....	.....
<b>New York:</b>						
Amsterdam.....	34,104	30	.88	0	.....	.....
Auburn.....	36,585	6	.16	.....	.....	.....
Batavia.....	13,971	7	.50	.....	.....	.....
Binghamton.....	71,525	536	7.49	7	.10	76.6
Cohoes.....	22,987	8	.35	.....	.....	.....
Corning.....	16,358	34	2.08	.....	.....	.....
Cortland.....	13,754	1	.07	.....	.....	.....
Dunkirk.....	19,879	60	4.02	1	.05	80.0
Glens Falls.....	16,996	113	6.65	2	.12	56.5
Gloversville.....	22,443	15	.67	.....	.....	.....
Herkimer.....	11,209	105	9.37	1	.09	105.0
Hornell.....	15,388	253	16.44	1	.06	253.0
Hudson.....	11,803	1	.08	0	.....	.....
Ithaca.....	17,569	120	6.83	0	.....	.....
Jamestown.....	40,879	84	2.05	1	.02	84.0
Lackawanna.....	18,785	41	2.18	.....	.....	.....
Little Falls.....	13,223	50	3.78	.....	.....	.....
Lockport.....	21,908	4	.18	0	.....	.....
Middletown.....	19,220	6	.31	.....	.....	.....
Mount Vernon.....	45,766	104	2.27	0	.....	.....
Newburgh.....	31,024	4	.13	0	.....	.....
New Rochelle.....	38,104	65	1.71	2	.05	32.5
Niagara Falls.....	55,990	47	.84	1	.02	47.0
North Tonawanda.....	16,390	39	2.38	.....	.....	.....
Olean.....	21,989	6	.27	0	.....	.....
Oneonta.....	12,120	1	.08	0	.....	.....
Oswego.....	23,691	94	3.97	3	.13	.....
Peekskill.....	15,976	15	.94	0	.....	.....
Plattsburgh.....	10,909	62	5.68	.....	.....	.....
Port Chester.....	17,541	114	6.50	2	.11	57.0
Poughkeepsie.....	36,818	40	1.09	0	.....	.....
Rensselaer.....	10,851	1	.09	.....	.....	.....
Rome.....	27,845	6	.22	0	.....	.....
Saratoga Springs.....	13,181	78	5.92	.....	.....	.....
Schenectady.....	92,687	359	3.87	4	.04	89.7
Troy.....	72,013	39	.54	1	.01	39.0
Watertown.....	32,458	191	5.88	2	.06	95.5
Watervliet.....	16,331	4	.24	.....	.....	.....
White Plains.....	22,046	132	5.99	.....	.....	.....

<sup>1</sup> Population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

WHOOPIING COUGH—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>North Carolina:</b>						
Asheville	29,854	2	0.07			
Charlotte	49,511			2	0.04	
Greensboro	19,861	37	1.86			
New Bern	12,206	54	4.42	5	.41	10.8
Raleigh	28,572	139	4.86	4	.14	34.7
Rocky Mount	13,820	179	12.95	2	.14	89.5
Wilmington	35,048	120	3.42	1	.03	120.0
Winston-Salem	53,924	126	2.34	0		
<b>Ohio:</b>						
Ashtabula	23,911	18	.75	1	.04	18.0
Bellaire	15,604	7	.45	0		
Bucyrus	11,018	115	10.44	0		
Cambridge	13,524	3	.22			
Canton	95,742	467	4.88	16	.17	29.2
Chillicothe	16,171	2	.12			
Cleveland Heights	18,399	80	4.35			
Coshocton	11,168	3	.27	0		
Cuyahoga Falls	11,791	34	2.88	2	.17	17.0
East Cleveland	31,955	156	4.88			
East Youngstown	14,050	5	.36			
Elyria	22,164	81	3.65			
Findlay	17,577	13	.74	0		
Fremont	13,118	3	.23			
Hamilton	41,005			1	.02	
Kenmore	15,946	22	1.38	1	.06	22.0
Lima	43,777	35	.80	1	.02	35.0
Lorain	39,661	144	3.63			
Mansfield	29,639	16	.54	0		
Marietta	15,195			1	.07	
Newark	27,056	19	.70			
Niles	15,094	13	.86	1	.07	13.0
Norwood	27,226	19	.70			
Piqua	15,469	1	.06	0		
Salem	10,655	133	12.48	2	.19	66.5
Sandusky	23,645	11	.47			
Springfield	64,423	156	2.42	2	.03	78.0
Staubenville	30,083	23	.76	4	.13	5.7
Warren	30,518	12	.39	0		
Zanesville	29,965	3	.10	0		
<b>Oklahoma:</b>						
Bartlesville	16,638			2	.12	
McAlester	12,095	12	.99			
Oklahoma	98,370	27	.27	3	.03	9.0
Tulsa	93,558	15	.16			
<b>Oregon:</b>						
Eugene	10,879	1	.09	0		
<b>Pennsylvania:</b>						
Altoona	63,523	68	1.07			
Ambridge	14,668	13	.89			
Beaver Falls	12,958	2	.15			
Berwick	12,769	50	3.92			
Bethlehem	58,029	64	1.10			
Braddock	21,269	46	2.16	3	.14	15.3
Butler	24,438	86	3.52			
Canonsburg	11,930			1	.08	
Carlisle	11,074	83	7.50			
Carnegie	11,904	25	2.10			
Carrick	11,633	26	2.24	1	.09	26.0
Charleroi	12,004	14	1.17	1	.08	14.0
Chester	62,792	22	.35			
Coatesville	15,393	1	.06			
Connellsville	14,050	4	.28			
Donora	15,449	6	.39	2	.13	3.0
Easton	35,175	18	.51			
Farrell	16,924	23	1.36			
Harrisburg	79,983	105	1.31	2	.03	52.5
Hazleton	34,034	3	.09			
Homestead	20,900	25	1.20			
Joannette	11,133	3	.27			
Johnstown	69,212			5	.07	
Lancaster	54,675	81	1.48			
McKeesport	47,834	48	1.00	1	.03	48.0
Monessen	19,555	65	3.32	2	.10	32.5

<sup>1</sup> Population Jan. 1, 1920.



## Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

## WHOOPIING COUGH—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Pennsylvania—Continued.</b>						
Mount Carmel.....	17,469	3	0.17			
Nanticoke.....	23,577	7	.30			
New Castle.....	47,106	60	1.27			
Norristown.....	33,462	25	.75			
North Braddock.....	15,726	71	4.51	2	0.13	35.5
Oil City.....	22,177	19	.86			
Phoenixville.....	110,484	43	4.10	2	.19	21.5
Pittston.....	19,070	1	.05			
Plymouth.....	116,500	18	1.09			
Shamokin.....	21,452	7	.33			
Sharon.....	23,208	4	.17	0		
Shenandoah.....	124,726	90	3.64	2	.08	45.0
Steelton.....	113,428	11	.82			
Sunbury.....	16,224	20	1.23			
Swissvale.....	11,816	45	3.81	0		
Tamaqua.....	13,103	13	.99			
Uniontown.....	15,692	2	.13			
Warren.....	14,655	13	.89	0		
Washington.....	22,175	27	1.22			
West Chester.....	11,717	9	.77	0		
Wilkinsburg.....	25,761	91	3.53			
Williamsport.....	37,315	11	.29	0		
Woodlawn.....	15,453	21	1.36	4	.26	5.2
York.....	48,222	28	.58	0		
<b>Rhode Island:</b>						
Cranston.....	31,543	8	.25	2	.06	4.0
Newport.....	31,054			2	.06	
<b>South Carolina:</b>						
Columbia.....	39,070	17	.44			
Greenville.....	25,028	135	5.39	1	.04	133.0
Spartanburg.....	23,956	9	.38	0		
<b>South Dakota:</b>						
Aberdeen.....	15,460	28	1.81	0		
Sioux Falls.....	28,062	5	.18	0		
<b>Tennessee:</b>						
Knoxville.....	85,572	15	.18	5	.06	3.0
<b>Texas:</b>						
Abilene.....	10,357	11	1.06	0		
Amarillo.....	16,532	26	1.57	0		
Austin.....	36,167	4	.11	1	.03	4.0
Beaumont.....	44,954			6	.13	
Corpus Christi.....	11,114	12	1.08			
Waco.....	40,733	1	.02	0		
<b>Utah:</b>						
Ogden.....	34,652	9	.26	0		
<b>Vermont:</b>						
Barre.....	10,008	3	.30	0		
Burlington.....	23,375	222	9.50	1	.04	222.0
Rutland.....	15,317	30	1.96			
<b>Virginia:</b>						
Alexandria.....	18,248	6	.33	0		
Danville.....	22,187	14	.63			
Lynchburg.....	30,218	34	1.13	1	.03	34.0
Newport News.....	135,596	57	1.60	1	.03	57.0
Petersburg.....	33,585	8	.24	1	.63	8.0
Portsmouth.....	56,497			1	.02	
<b>Washington:</b>						
Aberdeen.....	15,718	6	.38	0		
Everett.....	28,397	16	.56	1	.04	16.0
Yakima.....	19,087	41	2.08	0		
<b>West Virginia:</b>						
Bluefield.....	16,302	1	.06	0		
Charleston.....	43,886	58	1.32	1	.02	53.0
Clarksburg.....	29,019	34	1.17	0		
Fairmont.....	19,246	11	.57			
Huntington.....	56,135			1	.02	
Wheeling.....	156,208	25	.44	1	.02	25.0

1 Population Jan. 1, 1920.

**Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.**

**WHOOPING COUGH—Continued.**

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
<b>Wisconsin:</b>						
Appleton.....	20,270	34	1.68	0		
Ashland.....	<sup>1</sup> 11,334	1	.09			
Beloit.....	22,869	10	.44	0		
Eau Claire.....	21,574	3	.14			
Fond du Lac.....	24,618	38	1.54	0		
Green Bay.....	32,505	2	.06			
Janesville.....	19,426	74	3.81	0		
Kenosha.....	44,858	569	12.68	2	0.04	284.5
La Crosse.....	30,421	29	.95	1	.03	29.0
Madison.....	41,336	274	6.63	1	.02	274.0
Oshkosh.....	33,187	53	1.60	0		
Racine.....	62,736	209	3.33			
Sheboygan.....	32,128	12	.37			
Superior.....	<sup>1</sup> 39,671	10	.25	0		
Wausau.....	19,453	27	1.39	0		
West Allis.....	15,573	17	1.09			
<b>Wyoming:</b>						
Cheyenne.....	14,437	12	.83	3	.21	4.0

<sup>1</sup> Population, Jan. 1, 1920.

# PREVALENCE OF DISEASE.

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

## UNITED STATES.

### CURRENT STATE SUMMARIES.

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

#### Reports for Week Ended April 26, 1924.

ALABAMA.		Cases.	CALIFORNIA.		Cases.
Chicken pox.....	57	Cerebrospinal meningitis—Berkeley.....	1		
Diphtheria.....	9	Diphtheria.....	199		
Influenza.....	69	Influenza.....	17		
Lethargic encephalitis.....	1	Lethargic encephalitis:			
Malaria.....	57	Los Angeles.....	1		
Measles.....	394	San Francisco.....	1		
Ophthalmia neonatorum.....	1	Measles.....	1,182		
Pellagra.....	7	Scarlet fever.....	179		
Pneumonia.....	110	Smallpox:			
Poliomyelitis.....	1	Alhambra.....	13		
Scarlet fever.....	8	Burbank.....	10		
Smallpox.....	96	Hermosa.....	8		
Tuberculosis.....	50	Huntington Beach.....	12		
Typhoid fever.....	11	Long Beach.....	12		
Whooping cough.....	57	Los Angeles.....	106		
		Los Angeles County.....	36		
		National City.....	12		
		Orange County.....	28		
		Scattering.....	63		
		Typhoid fever.....	17		
ARIZONA.			COLORADO.		
Chicken pox.....	10		(Exclusive of Denver.)		
Diphtheria.....	7	Cerebrospinal meningitis.....	1		
Measles.....	42	Chicken pox.....	8		
Mumps.....	3	Diphtheria.....	10		
Scarlet fever.....	8	Measles.....	251		
Smallpox.....	1	Mumps.....	38		
Tuberculosis.....	15	Pneumonia.....	5		
Typhoid fever.....	1	Scarlet fever.....	21		
		Tuberculosis.....	48		
		Whooping cough.....	2		
ARKANSAS.			CONNECTICUT.		
Chicken pox.....	38	Cerebrospinal meningitis.....	1		
Diphtheria.....	7	Chicken pox.....	55		
Influenza.....	53	Diphtheria.....	33		
Malaria.....	61	German measles.....	3		
Measles.....	219	Influenza.....	3		
Mumps.....	36	Lethargic encephalitis.....	1		
Ophthalmia neonatorum.....	1				
Pellagra.....	8				
Poliomyelitis.....	1				
Scarlet fever.....	2				
Smallpox.....	28				
Tuberculosis.....	10				
Typhoid fever.....	5				
Whooping cough.....	29				

CONNECTICUT—continued.

	Cases.
Malaria.....	1
Measles.....	128
Mumps.....	127
Pneumonia (lobar).....	29
Scarlet fever.....	156
Smallpox.....	1
Tuberculosis (all forms).....	43
Typhoid fever.....	2
Whooping cough.....	16

DELAWARE

Chicken pox.....	4
Diphtheria.....	4
Measles.....	13
Mumps.....	1
Pneumonia.....	6
Scarlet fever:	
Wilmington.....	12
Scattering.....	2
Tuberculosis.....	4
Whooping cough.....	1

DISTRICT OF COLUMBIA.

Chicken pox.....	49
Diphtheria.....	5
Influenza.....	2
Measles.....	21
Scarlet fever.....	31
Smallpox.....	7
Tuberculosis.....	22
Typhoid fever.....	1
Whooping cough.....	4

FLORIDA.

Diphtheria.....	4
Influenza.....	1
Lethargic encephalitis.....	1
Malaria.....	6
Pneumonia.....	2
Scarlet fever.....	1
Smallpox.....	5
Typhoid fever.....	11

GEORGIA.

Chicken pox.....	34
Diphtheria.....	11
Hookworm disease.....	27
Influenza.....	21
Malaria.....	3
Measles.....	43
Mumps.....	19
Pellagra.....	1
Pneumonia.....	32
Scarlet fever.....	12
Smallpox.....	89
Tuberculosis (pulmonary).....	10
Typhoid fever.....	3
Whooping cough.....	1

ILLINOIS.

Cerebrospinal meningitis—Cook County.....	1
Diphtheria:	
Cook County.....	81
Scattering.....	38
Influenza.....	27
Measles.....	901
Pneumonia.....	343

ILLINOIS—continued.

	Cases.
Scarlet fever:	
Cook County.....	126
De Kalb County.....	10
Kane County.....	11
Sangamon County.....	11
Scattering.....	83
Smallpox:	
Cook County.....	18
Scattering.....	13
Tuberculosis.....	503
Typhoid fever.....	8
Whooping cough.....	122

INDIANA.

Cerebrospinal meningitis—Madison County.....	1
Chicken pox.....	55
Diphtheria:	
Lake County.....	17
Scattering.....	28
Measles.....	368
Scarlet fever:	
St. Joseph County.....	10
Scattering.....	64
Smallpox:	
Allen County.....	9
Delaware County.....	18
Huntington County.....	12
Marion County.....	49
Vigo County.....	10
Scattering.....	42
Tuberculosis.....	20
Typhoid fever.....	4
Whooping cough.....	65

IOWA.

Diphtheria.....	17
Scarlet fever.....	36
Smallpox.....	20

KANSAS.

Cerebrospinal meningitis.....	2
Chicken pox.....	93
Diphtheria.....	23
German measles.....	12
Influenza.....	12
Lethargic encephalitis.....	2
Measles.....	879
Mumps.....	313
Pneumonia.....	35
Poliomyelitis.....	2
Scarlet fever.....	73
Smallpox.....	59
Tetanus.....	1
Tuberculosis.....	72
Typhoid fever.....	3
Vincent's angina.....	2
Whooping cough.....	119

LOUISIANA.

Diphtheria.....	31
Hookworm disease.....	24
Influenza.....	11
Leprosy.....	1
Malaria.....	6
Measles.....	183
Pneumonia.....	56

LOUISIANA—continued.		Cases	MICHIGAN—continued.		Cases.
Scarlet fever	.....	14	Smallpox	.....	171
Smallpox	.....	8	Tuberculosis	.....	50
Tuberculosis	.....	23	Typhoid fever	.....	9
Typhoid fever	.....	8	Whooping cough	.....	89
MAINE.			MINNESOTA.		
Cerebrospinal meningitis	.....	1	Chicken pox	.....	99
Chicken pox	.....	21	Diphtheria	.....	46
Diphtheria	.....	10	Measles	.....	188
German measles	.....	21	Pneumonia	.....	4
Influenza	.....	4	Scarlet fever	.....	212
Measles	.....	106	Smallpox	.....	73
Mumps	.....	47	Tuberculosis	.....	69
Pneumonia	.....	20	Typhoid fever	.....	11
Scarlet fever	.....	43	Whooping cough	.....	15
Smallpox	.....	3	MISSISSIPPI.		
Typhoid fever	.....	4	Diphtheria	.....	12
Tuberculosis	.....	12	Scarlet fever	.....	5
Vincent's angina	.....	2	Smallpox	.....	27
Whooping cough	.....	21	Typhoid fever	.....	10
MARYLAND. <sup>1</sup>			MISSOURI.		
Chicken pox	.....	95	Cerebrospinal meningitis	.....	3
Diphtheria	.....	29	Chicken pox	.....	60
German measles	.....	83	Diphtheria	.....	53
Influenza	.....	32	Influenza	.....	5
Measles	.....	291	Measles	.....	269
Mumps	.....	34	Mumps	.....	96
Ophthalmia neonatorum	.....	2	Pneumonia	.....	30
Pneumonia (all forms)	.....	105	Septic sore throat	.....	2
Polio-myelitis	.....	1	Smallpox	.....	13
Scarlet fever	.....	233	Trachoma	.....	55
Smallpox	.....	4	Tuberculosis	.....	45
Tuberculosis	.....	34	Whooping cough	.....	66
Typhoid fever	.....	8	MONTANA.		
Whooping cough	.....	21	Diphtheria	.....	7
MASSACHUSETTS.			Polio-myelitis:		
Cerebrospinal meningitis	.....	3	Great Falls	.....	1
Chicken pox	.....	162	Missoula	.....	2
Conjunctivitis (suppurative)	.....	21	Sandcoulee	.....	1
Diphtheria	.....	162	Scarlet fever	.....	20
German measles	.....	63	Smallpox	.....	19
Influenza	.....	11	Rocky Mountain spotted fever—Hamilton	.....	1
Lethargic encephalitis	.....	5	Typhoid fever	.....	1
Malaria	.....	2	NEBRASKA.		
Measles	.....	976	Chicken pox	.....	24
Mumps	.....	380	Diphtheria	.....	15
Ophthalmia neonatorum	.....	9	Measles	.....	149
Pellagra	.....	1	Mumps	.....	2
Pneumonia (lobar)	.....	157	Scarlet fever	.....	12
Scarlet fever	.....	400	Smallpox	.....	11
Septic sore throat	.....	3	Whooping cough	.....	2
Tetanus	.....	1	NEW JERSEY.		
Trachoma	.....	1	Anthrax	.....	1
Tuberculosis (all forms)	.....	173	Chicken pox	.....	183
Typhoid fever	.....	9	Diphtheria	.....	90
Whooping cough	.....	75	Influenza	.....	18
MICHIGAN.			Malaria	.....	1
Diphtheria	.....	129	Measles	.....	962
Measles	.....	694	Paratyphoid fever	.....	1
Pneumonia	.....	169	Pneumonia	.....	200
Scarlet fever	.....	316	Scarlet fever	.....	186

<sup>1</sup> Week ended Friday.

NEW JERSEY—continued.

	Cases.
Smallpox.....	1
Trachoma.....	2
Typhoid fever.....	5
Whooping cough.....	63
NEW MEXICO.	
Chicken pox.....	18
Diphtheria.....	11
Influenza.....	4
Malaria.....	1
Measles.....	183
Mumps.....	20
Pneumonia.....	12
Scarlet fever.....	6
Septic sore throat.....	2
Trachoma.....	5
Tuberculosis.....	5
Typhoid fever.....	5
Whooping cough.....	2

NEW YORK.

(Exclusive of New York City).

Diphtheria.....	106
Influenza.....	23
Lethargic encephalitis.....	2
Measles.....	1112
Pneumonia.....	295
Polio-myelitis.....	2
Scarlet fever.....	345
Typhoid fever.....	15
Whooping cough.....	215

NORTH CAROLINA.

Chicken pox.....	176
Diphtheria.....	30
German measles.....	2
Measles.....	1169
Polio-myelitis.....	1
Scarlet fever.....	48
Smallpox.....	154
Typhoid fever.....	12
Whooping cough.....	253

OREGON.

Cerebrospinal meningitis.....	1
Chicken pox.....	13
Diphtheria:	
Portland.....	8
Scattering.....	8
Measles.....	66
Mumps.....	6
Pneumonia.....	14
Rocky Mountain Spotted fever.....	1
Scarlet fever:	
Portland.....	9
Scattering.....	11
Smallpox:	
Portland.....	8
Multnomah County.....	31
Scattering.....	2
Tuberculosis.....	10
Typhoid fever.....	7
Whooping cough.....	16

<sup>1</sup> Deaths.

SOUTH DAKOTA.

	Cases.
Chicken pox.....	7
Diphtheria.....	15
Measles.....	128
Mumps.....	5
Pneumonia.....	1
Scarlet fever.....	43
Smallpox.....	1
Tuberculosis.....	1

TEXAS.

Chicken pox.....	18
Diphtheria.....	16
Dysentery (epidemic).....	3
Influenza.....	9
Measles.....	130
Mumps.....	17
Pellagra.....	12
Pneumonia.....	8
Scarlet fever.....	12
Smallpox.....	26
Trachoma.....	3
Tuberculosis.....	21
Whooping cough.....	4

VERMONT.

Chicken pox.....	5
Diphtheria.....	5
Measles.....	80
Mumps.....	14
Scarlet fever.....	12
Whooping cough.....	15

VIRGINIA.

Smallpox—Wise county.....	1
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WASHINGTON.

Chicken pox.....	102
Diphtheria.....	28
Measles.....	159
Mumps.....	5
Pneumonia.....	1
Polio-myelitis—Seattle.....	1
Scarlet fever.....	37
Smallpox.....	58
Tuberculosis.....	21
Typhoid fever.....	3
Whooping cough.....	13

WEST VIRGINIA.

Diphtheria.....	8
Scarlet fever.....	10
Smallpox.....	4

WISCONSIN.

Milwaukee:	
Cerebrospinal meningitis.....	1
Chicken pox.....	80
Diphtheria.....	7
Measles.....	28
Pneumonia.....	6
Scarlet fever.....	31
Smallpox.....	2
Tuberculosis.....	12
Whooping cough.....	24

WISCONSIN—continued.		WISCONSIN—continued.	
Scattering:	Cases.	Scattering—Continued.	Cases.
Cerebrospinal meningitis.....	3	Tuberculosis.....	23
Chicken pox.....	121	Typhoid fever.....	2
Diphtheria.....	18	Whooping cough.....	81
German measles.....	32		
Influenza.....	58	WYOMING.	
Lethargic encephalitis.....	1	Chicken pox.....	6
Measles.....	243	Diphtheria.....	1
Pneumonia.....	30	Influenza.....	2
Polio-myelitis.....	1	Measles.....	124
Scarlet fever.....	183	Mumps.....	26
Smallpox.....	33	Pneumonia.....	1
		Scarlet fever.....	9

### Reports for Week Ended April 19, 1924.

NORTH DAKOTA.		NORTH DAKOTA—continued.	
	Cases.		Cases
Chicken pox.....	4	Smallpox.....	26
Diphtheria.....	4	Trachoma.....	2
Measles.....	62	Tuberculosis.....	1
Pneumonia.....	18	Typhoid fever.....	2
Scarlet fever.....	21	Whooping cough.....	9

### SUMMARY OF CASES REPORTED MONTHLY BY STATES.

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

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Polio-myelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
<i>March, 1924</i>										
Arizona.....		18	19		473			34	6	1
Idaho.....	1	12	13					30	8	7
Illinois.....	9	671	244		2,650		3	1,509	95	43
Kansas.....	6	159	43		6,136		1	295	215	11
Maine.....		58	54					167	4	12
Maryland.....	1	156	366		1,173		1	673	24	34
Michigan.....		626	15		3,277		3	1,866	760	51
Minnesota.....	3	287	4		1,096		2	1,186	340	21
Mississippi.....	1	70	2,979	3,585	5,940	242		28	49	68
Missouri.....	5	257	101	0	1,847	0	0	665	231	25
New York.....	24	1,428	596	4	15,035		8	3,121	37	115
North Carolina.....	3	105			9,520			209		16
North Dakota.....	2	90	15		1,177		2	292	38	5
Ohio.....	3	628	94	0	2,231	0	3	1,636	741	75
Oregon.....		121	13		1,000			66	117	14
Pennsylvania.....	8	1,280			3,695			2,154	20	74
Rhode Island.....	2	49	2	1	12	0	0	485		0
South Carolina.....	2	84	40		1,439			15	236	5
South Dakota.....		45	6		1,574			250	18	3
Virginia.....	8	157	3,833	71	3,323	12	5	217	54	24
Washington.....	1	151			2,260			264	283	12
West Virginia.....	2	106	401		318		1	172	114	41
Wisconsin.....	5	286	165	0	1,908	0	1	1,414	138	17

## MORBIDITY REPORTS.

*Diphtheria.*—Reports from 35 States for the week ended April 12, 1924, give 1,674 cases of diphtheria. The same States reported 1,655 cases for the week ended April 14, 1923.

*Measles.*—Twenty-eight States reported 15,597 cases of measles for the week ended April 12, 1924, and 15,403 cases for the corresponding week of last year. Ninety-eight cities, situated in all parts of the United States, and having an aggregate population of about 28,000,000, reported 6,060 cases of measles for the week this year, and 9,248 cases for the week last year. Epidemics of measles frequently show large numbers of cases in certain localities, and the figures are very irregular.

*Scarlet fever.*—Thirty-five States reported scarlet fever for the week as follows: 1924, 3,911 cases; 1923, 2,920 cases. Ninety-eight cities reported 1,786 cases for the week this year and 1,558 cases last year. The estimated expectancy for the week for the 98 cities was 1,005 cases.

*Smallpox.*—Thirty-five State health officers reported 1,493 cases of smallpox for the week in 1924 and 475 cases for the corresponding week in 1923. Ninety-eight cities reported 519 cases for the week in 1924 and 104 cases for 1923. Epidemics in five cities (Indianapolis, Detroit, Atlanta, Birmingham, and Los Angeles) accounted for more than 70 per cent of the cases reported by cities for the week in 1924.

*Influenza and pneumonia.*—Twenty-six States reported 776 cases of influenza for the week ended April 12, 1924, which figure may be compared with 2,270 cases reported by the same States for the corresponding week last year.

The reports of deaths from influenza show a decrease from last year, the figures for the week, 98 cities, being 94 deaths this year and 140 deaths last year. Pneumonia, however, claimed 1,207 victims in these cities during the week, while last year the number was only 995.

*Deaths.*—Reports from various sources, including the Bureau of the Census and life-insurance companies, indicate unusually favorable death rates for the first three months of the year 1924.



## City reports for week ended April 12, 1924.

The "estimated expectancy" given for diphtheria, poliomyelitis, scarlet fever, smallpox, and typhoid fever is the result of an attempt to ascertain from previous occurrence how many cases of the disease under consideration may be expected to occur during a certain week in the absence of epidemics. It is based on reports to the Public Health Service during the past nine years. It is in most instances the median number of cases reported in the corresponding week of the preceding years. When the reports include several epidemics, or when for other reasons the median is unsatisfactory, the epidemic periods are excluded and the estimated expectancy is the mean number of cases reported for the week during non-epidemic years.

If reports have not been received for the full nine years, data are used for as many years as possible, but no year earlier than 1915 is included. In obtaining the estimated expectancy, the figures are smoothed when necessary to avoid abrupt deviations from the usual trend. For some of the diseases given in the table the available data were not sufficient to make it practicable to compute the estimated expectancy.

Division, State, and city.	Chick- en pox, cases re- ported.	Diphtheria.		Influenza.		Meas- les, cases re- ported.	Mumps, cases re- ported.	Pneu- monia, deaths re- ported	Scarlet fever	
		Cases, esti- mated expect- ancy.	Cases re- ported.	Cases re- ported.	Deaths re- ported.				Cases, esti- mated expect- ancy.	Cases re- ported.
<b>NEW ENGLAND.</b>										
Maine:										
Lewiston.....	0	0	0	0	0	5	0	4	2	0
Portland.....	17	1	3	0	0	2	78	3	3	1
New Hampshire:										
Concord.....	0	0	0	0	0	40	0	2	1	0
Manchester.....	3	0	0	0	0	2	2	2	1	5
Nashua.....	0	0	0	0	0	0	1	1	2	0
Vermont:										
Barre.....	0	0	0	0	0	1	0	1	1	1
Burlington.....	0	1	0	0	0	3	0	4	1	0
Massachusetts:										
Boston.....	44	50	64	4	0	149	26	34	56	79
Fall River.....	1	3	2	1	0	43	0	4	3	15
Springfield.....	7	5	5	1	1	109	2	1	5	28
Worcester.....	5	7	7	0	0	8	3	3	7	36
Rhode Island:										
Pawtucket.....	7	2	2	0	0	0	13	2	1	7
Providence.....	0	11	8	0	0	2	0	9	8	57
Connecticut:										
Bridgport.....	7	6	6	2	2	4	5	1	4	17
Hartford.....	7	7	5	0	0	40	2	2	4	68
New Haven.....	8	3	0	0	0	3	60	9	8	17
<b>MIDDLE ATLANTIC</b>										
New York:										
Buffalo.....	0	11	13	2	30	0	15	20	13	256
New York.....	237	296	223	50	13	2,129	285	253	202	256
Rochester.....	8	7	1	0	0	9	9	7	13	22
Syracuse.....	18	7	4	0	0	60	10	5	12	46
New Jersey:										
Camden.....	2	10	0	0	0	11	2	4	2	4
Newark.....	53	19	12	2	0	147	152	15	21	32
Trenton.....	8	4	8	1	2	49	0	6	4	5
Pennsylvania:										
Philadelphia.....	123	67	89	3	11	175	0	110	68	86
Pittsburgh.....	106	18	20	4	7	39	143	70	18	29
Reading.....	7	2	4	0	0	9	19	2	3	5
Scranton.....	6	3	2	0	0	6	1	13	2	4
<b>E. NORTH CENTRAL</b>										
Ohio:										
Cincinnati.....	13	11	11	1	3	152	15	16	12	11
Cleveland.....	90	23	20	6	7	115	301	41	25	21
Columbus.....	6	4	1	0	0	4	5	13	5	20
Toledo.....	57	3	1	1	1	71	1	8	14	20
Indiana:										
Fort Wayne.....	2	3	0	0	0	10	0	0	2	3
Indianapolis.....	12	7	8	0	0	62	214	17	15	8
South Bend.....	1	4	0	0	0	0	0	3	3	5
Terre Haute.....	13	1	1	0	0	4	0	2	2	1
Illinois:										
Chicago.....	138	93	78	20	11	194	159	77	108	112
Cicero.....	4	2	5	0	0	1	54	1	2	1
Peoria.....	3	1	1	0	0	1	0	3	2	2
Springfield.....	38	2	3	3	3	8	1	5	1	0

City reports for week ended April 12, 1924—Continued.

Division, State, and city.	Chick- en pox, cases re- ported.	Diphtheria.		Influenza.		Mea- sles, cases re- ported.	Mumps, cases re- ported.	Pneu- monia, deaths re- ported.	Scarlet fever.	
		Cases, esti- mated expect- ancy.	Cases re- ported.	Cases re- ported.	Deaths re- ported.				Cases, esti- mated expect- ancy.	Cases re- ported.
<b>E. NORTH CENTRAL—continued.</b>										
Michigan:										
Detroit.....	81	62	48	6	1	233	118	67	71	91
Flint.....	8	3	4	0	0	28	33	8	7	2
Grand Rapids....	17	4	4	1	0	6	33	4	7	12
Wisconsin:										
Madison.....	28	1	0	0	0	0	3	0	3	0
Milwaukee.....	76	13	16	0	0	21	21	0	31	32
Racine.....	9	1	4	0	0	0	0	3	4	12
Superior.....	0	1	0	0	0	0		1	2	5
<b>W. NORTH CENTRAL</b>										
Minnesota:										
Duluth.....	14	2	0	0	0	4	0	3	4	12
Minneapolis....	101	14	8		1	11	2	16	24	69
St. Paul.....		14	11		2	34		12	20	52
Iowa:										
Sioux City.....	1	1	1	0		1	0		2	0
Waterloo.....	1	0	0	0		2	17		2	0
Missouri:										
Kansas City....	11	8	6	4	5	68	49	18	9	19
St. Joseph.....	2	2	1	0	0	4	7	3	2	1
St. Louis.....	32	46	25	0	0	59	73		29	68
North Dakota:										
Fargo.....	0	0	0	0	0	0	0	0	2	0
Grand Forks....	1	0	0	0	0	38	0	0	0	0
South Dakota:										
Aberdeen.....	4		2	0	0	57	0	0		0
Sioux Falls....	7	0	0	0	0	0	1	0	2	6
Nebraska:										
Lincoln.....	0	1	11		1	13	0	1	3	4
Omaha.....	5	3	0	0	0	59	0	15	11	1
Kansas:										
Topeka.....	17	1	2	0	0	70	1	4	3	0
Wichita.....	4	2	6	0	0	25	82	3	4	2
<b>SOUTH ATLANTIC</b>										
Delaware:										
Wilmington....	5	2	3	0	0	2	1	0	2	10
Maryland:										
Baltimore.....	101	21	33	15	5	313	34	50	30	97
Cumberland....		1	0	0	0	1		3	1	1
Frederick.....		0	0	0	0	7		0	0	24
Dist. of Columbia:										
Washington....	9	11	7	1	1	19	0	25	18	38
Virginia:										
Lynchburg....	1	0	1	0	0	0	5	1	1	0
Norfolk.....		1	1	0	0	60		6	2	1
Richmond.....	16	2	0	1	0	93	0	5	2	0
Roanoke.....	2	1	0	0	0	1	4	1	1	4
West Virginia:										
Charleston....		0	0	0	0	0		4	1	0
Huntington....	2	0	3	0	0	0	0	4	1	0
Wheeling.....		1	4	0	0	4		5	2	1
North Carolina:										
Raleigh.....	6	0	0	0	0	10	0	2	0	0
Wilmington....	13	1	1	0	0	32	31	3	0	0
Winston-Salem..	9	1	1	0	0	37	15	6	1	13
South Carolina:										
Charleston....	0	1	0	0	0	0	0	8	0	0
Columbia.....	16	1	0	0	0	8	12	3	0	0
Greenville....	0	0	0	0	0	13	6	1	0	0
Georgia:										
Atlanta.....	1	1	1	3	0	3	4	24	3	14
Brunswick....	0	0	0	0	0	12	0	1	0	0
Savannah....		0	0		1	7		7	1	1
Florida:										
St. Petersburg..	7		0	0	0	4	3	2		14
Tampa.....	2	2	0	0	0	0	0	1	1	0

## City reports for week ended April 12, 1924—Continued.

Division, State, and city.	Chick- en pox, cases re- ported.	Diphtheria		Influenza.		Meas- les, cases re- ported.	Mumps, cases re- ported.	Pneu- monia, deaths re- ported.	Scarlet fever.	
		Cases, esti- mated expect- ancy.	Cases re- ported.	Cases re- ported.	Deaths re- ported.				Cases, esti- mated expect- ancy.	Cases re- ported.
<b>E. SOUTH CENTRAL</b>										
Kentucky:										
Covington	2	2	2	0	0	11	2	3	1	2
Lexington	2	0	0	0	0	50	0	3	1	2
Louisville	6	7	3	1	0	7	1	18	4	4
Tennessee:										
Memphis	26	3	3	0	0	65	64	18	4	7
Nashville	3	1	0	3	3	9	5	2	2	2
Alabama:										
Birmingham	11	1	0	2	1	50	29	10	1	2
Mobile	1	1	0	2	2	8	0	2	0	1
Montgomery		1	0	0	0	6		0	0	0
<b>W. SOUTH CENTRAL</b>										
Arkansas:										
Fort Smith	2	0	0	0		115	0		0	1
Little Rock		0	0			19			1	1
Louisiana:										
New Orleans	5	7	16	3	3	130	0	16	2	15
Shreveport	0		0	0	0	1	0	3		1
Oklahoma:										
Tulsa	2	1	0	0		13	0		1	1
Texas:										
Dallas	12	2	7	0	0	23	13	2	2	5
Galveston	0	0	0	0	0	14	0	4	0	1
Houston	0	2	1	0	0	9	0	7	1	1
San Antonio	0	1	0	0	0	12	2	11	1	1
<b>MOUNTAIN</b>										
Montana:										
Billings	0	0	0	0	0	9	0	2	1	0
Great Falls	1	1	0	0	0	16	0	2	0	3
Helena	0		0	0	0	0	0	2		0
Missoula	0	0	1	0	0	22	0	0	0	0
Idaho:										
Boise	0	1	0	0	0	14	0	0	2	0
Colorado:										
Denver	26	9	28	2	2	95	10	26	9	12
Pueblo	0	2	9	0	0	5	7	0	1	4
New Mexico:										
Albuquerque	15	3	2	0	0	30	0	1	2	0
Utah:										
Salt Lake City	32	3	2	0	0	75	4	0	5	1
Nevada:										
Reno	0	1	0	0	0	5	0	0	0	0
<b>PACIFIC</b>										
Washington:										
Seattle	19	4	7	0		32	2		8	6
Spokane	13	2	3	0		28	0		2	12
Tacoma	4	1	1	0		9	1		1	2
Oregon:										
Portland	6	2	7	0	0	7	8	5	6	9
California:										
Los Angeles		23	71	3	1	428		26	13	64
Sacramento	0	2	2		3	11	0	3	1	2
San Francisco		20							14	

City reports for week ended April 12, 1924—Continued.

Division, State, and city.	Population July 1, 1923, estimated.	Smallpox.			Tuberculosis, deaths reported.	Typhoid fever.			Whooping cough, cases reported.	Deaths, all causes.
		Cases, estimated expectancy.	Cases reported.	Deaths reported.		Cases, estimated expectancy.	Cases reported.	Deaths reported.		
<b>NEW ENGLAND.</b>										
Maine:										
Lewiston.....	33,790	0	0	0	1	0	0	0	1	10
Portland.....	73,129	0	0	0	0	1	0	0	5	19
New Hampshire:										
Concord.....	22,408	0	0	0	1	0	0	0	0	10
Manchester.....	81,383	0	0	0	3	0	0	0	0	23
Nashua.....	29,234	0	0	0	0	0	0	0	0	8
Vermont:										
Barre.....	*10,008	0	0	0	0	0	0	0	1	5
Burlington.....	23,613	0	0	0	1	0	0	0	0	15
Massachusetts:										
Boston.....	770,400	0	0	0	11	2	0	1	11	258
Fall River.....	120,912	0	0	0	1	1	1	0	12	34
Springfield.....	144,227	0	0	0	0	0	0	0	0	37
Worcester.....	191,927	0	0	0	5	0	1	0	0	42
Rhode Island:										
Pawtucket.....	68,799	0	0	0	0	1	0	0	2	19
Providence.....	242,378	0	0	0	8	0	2	0	0	94
Connecticut:										
Bridgeport.....	*143,555	0	0	0	4	0	0	0	0	29
Hartford.....	*138,036	0	1	0	2	0	0	0	0	42
New Haven.....	172,967	0	0	0	2	1	0	0	2	54
<b>MIDDLE ATLANTIC.</b>										
New York:										
Buffalo.....	536,718	0	0	0	7	2	0	0	40	131
New York.....	5,927,625	0	0	0	17	9	15	1	141	1,622
Rochester.....	317,867	0	0	0	6	0	0	0	1	83
Syracuse.....	184,511	0	0	0	1	0	0	0	1	61
New Jersey:										
Camden.....	124,157	0	0	0	2	0	1	0	0	49
Newark.....	438,699	0	0	0	8	1	1	1	32	118
Trenton.....	127,390	0	0	0	0	1	0	0	2	37
Pennsylvania:										
Philadelphia.....	1,922,788	0	0	0	53	5	2	0	63	599
Pittsburgh.....	613,442	1	1	0	14	2	2	1	69	244
Reading.....	110,917	0	0	0	1	0	0	0	7	45
Scranton.....	140,636	0	0	0	0	0	0	0	1	0
<b>EAST NORTH CENTRAL.</b>										
Ohio:										
Cincinnati.....	406,312	2	4	0	11	1	1	0	19	126
Cleveland.....	888,519	1	0	0	23	2	0	0	47	205
Columbus.....	261,062	1	1	0	4	0	0	0	1	68
Toledo.....	268,338	3	10	0	7	0	0	0	12	71
Indiana:										
Fort Wayne.....	93,573	2	3	0	2	1	0	0	0	16
Indianapolis.....	342,718	5	54	0	12	0	0	0	10	105
South Bend.....	76,709	0	0	0	1	0	0	0	0	16
Terre Haute.....	68,939	0	8	0	0	0	0	0	7	18
Illinois:										
Chicago.....	2,886,121	2	8	0	36	3	2	0	43	705
Cicero.....	55,968	1	0	0	1	0	0	0	0	5
Peoria.....	79,675	2	0	0	0	0	0	0	3	17
Springfield.....	61,833	1	0	0	1	0	2	2	5	30
Michigan:										
Detroit.....	995,668	7	51	5	25	3	2	0	18	318
Flint.....	117,968	1	8	0	2	0	0	0	3	29
Grand Rapids.....	145,947	1	0	0	1	1	0	1	2	45
Wisconsin:										
Madison.....	42,519	2	0	0	0	0	0	0	9	4
Milwaukee.....	484,595	3	1	0	3	2	0	0	39	105
Racine.....	64,393	1	2	0	0	0	0	0	2	10
Superior.....	*39,671	1	1	0	1	0	0	0	0	6

\*Population Jan. 1, 1920.  
 † Pulmonary only.

## City reports for week ended April 12, 1924—Continued.

Division, State, and city.	Population July 1, 1923, estimated	Smallpox.			Tuberculosis, deaths reported.	Typhoid fever.			Whooping cough, cases reported.	Deaths, all causes.
		Cases, estimated expectancy.	Cases reported.	Deaths reported.		Cases, estimated expectancy.	Cases reported.	Deaths reported.		
<b>WEST NORTH CENTRAL.</b>										
<b>Minnesota:</b>										
Duluth.....	106,289	2	6	0	0	0	0	0	0	19
Minneapolis.....	409,125	18	9	1	5	1	1	0	0	130
St. Paul.....	241,891	10	20	0	4	0	0	0	0	73
<b>Iowa:</b>										
Sioux City.....	79,662	3	0			0	0		0	
Waterloo.....	39,667	0	0			1	0		5	
<b>Missouri:</b>										
Kansas City.....	351,819	7	0	0	12	1	1	0	11	115
St. Joseph.....	78,232	8	0	0	1	0	0	0	3	19
St. Louis.....	803,853	7	1	0	7	2	0	0	28	265
<b>North Dakota:</b>										
Fargo.....	24,841	1	0	0	0	0	0	0	0	6
Grand Forks.....	14,547	0	0	0	0	0	0	0	0	
<b>South Dakota:</b>										
Aberdeen.....	15,829		0	0	0		0	0	0	
Sioux Falls.....	29,206	4	0	0	0	0	0	0	0	2
<b>Nebraska:</b>										
Lincoln.....	58,761	5	0	0	0	0	0	0	0	21
Omaha.....	204,382	9	3	0	3	0	0	0	1	62
<b>Kansas:</b>										
Topeka.....	52,555	2	2	0	0	0	0	0	1	19
Wichita.....	79,251	4	20	0	1	0	0	0	13	21
<b>SOUTH ATLANTIC.</b>										
<b>Delaware:</b>										
Wilmington.....	117,728	0	0	0	0	0	0	0	2	21
<b>Maryland:</b>										
Baltimore.....	773,580	1	2	0	18	3	3	0	27	239
Cumberland.....	32,361	0	0	0	0	0	0	0	0	12
Frederick.....	11,301	0	0	0	0	0	0	0	0	3
<b>District of Columbia:</b>										
Washington.....	* 437,571	0	3	0	13	1	0	0	12	123
<b>Virginia:</b>										
Lynchburg.....	30,277	0	0	0	0	0	0	0	9	8
Norfolk.....	159,089	0	0	0	3	0	0	0	0	
Richmond.....	181,044	0	0	1	10	0	0	0	6	56
Roanoke.....	55,502	1	0	0	1	0	0	0	2	14
<b>West Virginia:</b>										
Charleston.....	45,597	0	1	0	1	0	0	1	0	23
Huntington.....	57,918	0	0	0	3	0	0	1	0	26
Wheeling.....	* 56,208	0	0	0	2	0	0	0	0	27
<b>North Carolina:</b>										
Raleigh.....	29,171	0	15	0	2	0	0	0	2	16
Wilmington.....	25,719	0	0	0	0	0	1	0	0	15
Winston-Salem.....	56,230	2	2	0	2	0	1	1	0	28
<b>South Carolina:</b>										
Charleston.....	71,245	0	0	0	2	0	0	0	0	25
Columbia.....	39,688	0	2	0	2	0	1	1	0	23
Greenville.....	25,789	0	7	0	1	0	0	0	6	5
<b>Georgia:</b>										
Atlanta.....	222,963	3	65	0	8	0	0	0	1	93
Brunswick.....	15,937	0	0	0	0	0	1	0	0	2
Savannah.....	89,448	0	1	0	2	0	2	0	0	30
<b>Florida:</b>										
St. Petersburg.....	24,403		0	0	1		0	0	1	10
Tampa.....	56,050	0	0	0	1	0	1	1	1	17
<b>EAST SOUTH CENTRAL.</b>										
<b>Kentucky:</b>										
Covington.....	57,877	0	1	0	3	1	0	0	0	18
Lexington.....	43,673	0	0	0	1	0	0	0	1	17
Louisville.....	257,671	1	0	0	11	1	1	0	0	82
<b>Tennessee:</b>										
Memphis.....	170,067	4	0	0	9	0	0	0	13	60
Nashville.....	121,128	1	2	0	1	1	0	0	1	39

\* Population Jan. 1, 1920.

City reports for week ended April 12, 1924—Continued.

Division, State, and city.	Population July 1, 1923, estimated.	Smallpox.			Tuberculosis, deaths reported.	Typhoid fever.			Whooping cough, cases reported.	Deaths, all causes
		Cases, estimated expectancy.	Cases reported.	Deaths reported.		Cases, estimated expectancy.	Cases reported.	Deaths reported.		
<b>EAST SOUTH CENTRAL—CON.</b>										
<b>Alabama:</b>										
Birmingham.....	195,901	1	42	0	5	1	0	0	5	66
Mobile.....	63,858	1	0	0	3	1	0	1	0	18
Montgomery.....	45,383	1	0	0	1	0	0	0	0	10
<b>WEST SOUTH CENTRAL.</b>										
<b>Arkansas:</b>										
Fort Smith.....	30,635	0	0	0	0	0	0	0	4	---
Little Rock.....	70,916	1	0	0	0	1	0	0	0	---
<b>Louisiana:</b>										
New Orleans.....	404,575	5	0	0	13	4	2	0	0	132
Shreveport.....	54,590	---	2	0	3	---	0	0	0	27
<b>Oklahoma:</b>										
Tulsa.....	102,018	4	1	0	0	0	0	0	0	---
<b>Texas:</b>										
Dallas.....	177,274	3	0	0	4	0	0	0	0	49
Galveston.....	46,877	0	0	0	1	1	0	0	0	10
Houston.....	154,970	0	2	0	5	0	0	0	0	40
San Antonio.....	184,727	0	0	0	12	1	0	0	0	75
<b>MOUNTAIN.</b>										
<b>Montana:</b>										
Billings.....	16,927	1	0	0	0	0	0	0	0	5
Great Falls.....	27,787	1	0	0	0	0	0	0	5	11
Helena.....	* 12,037	---	1	0	2	---	0	0	0	10
Missoula.....	* 12,668	1	2	0	2	1	0	0	1	5
<b>Idaho:</b>										
Boise.....	22,806	0	1	0	0	0	0	0	0	6
<b>Colorado:</b>										
Denver.....	272,031	12	0	0	16	1	1	0	10	91
Pueblo.....	43,519	0	0	0	2	0	0	0	5	8
<b>New Mexico:</b>										
Albuquerque.....	16,648	0	0	0	1	0	0	0	0	10
<b>Utah:</b>										
Salt Lake City.....	126,241	9	0	0	3	0	0	0	5	27
<b>Nevada:</b>										
Reno.....	12,429	1	0	0	0	0	0	0	3	1
<b>PACIFIC.</b>										
<b>Washington:</b>										
Seattle.....	*315,685	8	1	---	---	0	2	---	1	---
Spokane.....	104,573	15	17	---	---	0	0	---	6	---
Tacoma.....	101,731	2	0	---	---	0	0	---	0	---
<b>Oregon:</b>										
Portland.....	273,621	8	7	0	3	0	4	0	0	83
<b>California:</b>										
Los Angeles.....	666,853	3	163	1	27	1	2	0	---	260
Sacramento.....	69,950	0	0	0	3	0	0	0	0	25
San Francisco.....	539,038	2	---	---	---	2	---	---	---	---

\* Population Jan. 1, 1920.

## City reports for week ended April 12, 1924—Continued.

Division, State, and city.	Cerebro-spinal meningitis.		Dengue.		Lethargic encephalitis.		Pellagra.		Poliomyelitis. (infantile paralysis).		
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases, est. expectancy.	Cases.	Deaths.
<b>NEW ENGLAND.</b>											
<b>New Hampshire:</b>											
Nashua.....	0	1	0	0	0	0	0	0	0	0	0
<b>Vermont:</b>											
Burlington.....	0	1	0	0	0	0	0	0	0	0	0
<b>Massachusetts:</b>											
Boston.....	0	0	0	0	3	2	0	0	0	0	0
Fall River.....	0	0	0	0	0	0	0	0	0	1	0
<b>Connecticut:</b>											
Bridgeport.....	0	0	0	0	1	1	0	0	0	0	0
New Haven.....	0	0	0	0	0	0	0	0	0	1	0
<b>MIDDLE ATLANTIC.</b>											
<b>New York:</b>											
New York.....	9	4	0	0	28	6	0	0	1	0	1
Rochester.....	0	0	0	0	0	1	0	0	0	0	0
<b>Pennsylvania:</b>											
Philadelphia.....	2	0	0	0	1	1	0	0	1	0	0
Pittsburgh.....	1	0	0	0	0	0	0	0	0	0	0
<b>EAST NORTH CENTRAL.</b>											
<b>Ohio:</b>											
Cleveland.....	1	0	0	0	0	1	0	0	0	0	0
Columbus.....	0	0	0	0	0	1	0	0	0	0	0
<b>Illinois:</b>											
Chicago.....	3	1	0	0	2	0	0	0	1	0	0
<b>Michigan:</b>											
Detroit.....	0	0	0	0	0	1	0	0	0	1	0
Flint.....	0	1	0	0	0	0	0	0	0	0	0
<b>WEST NORTH CENTRAL.</b>											
<b>Minnesota:</b>											
Minneapolis.....	0	0	0	0	0	2	0	0	0	0	0
<b>Missouri:</b>											
Kansas City.....	0	0	0	0	1	1	0	0	0	0	0
<b>Nebraska:</b>											
Omaha.....	0	0	0	0	1	1	0	0	0	0	0
<b>SOUTH ATLANTIC.</b>											
<b>Maryland:</b>											
Baltimore.....	0	0	0	0	3	2	0	0	0	0	0
<b>District of Columbia:</b>											
Washington.....	0	0	0	0	1	1	1	0	0	1	0
<b>South Carolina:</b>											
Charleston.....	1	1	0	0	0	0	0	0	0	0	0
Columbia.....	0	0	0	0	0	0	0	1	0	0	0
<b>Georgia:</b>											
Atlanta.....	0	0	1	0	0	0	0	0	0	0	0
<b>EAST SOUTH CENTRAL.</b>											
<b>Tennessee:</b>											
Memphis.....	0	0	0	0	0	1	0	0	0	0	0
<b>Alabama:</b>											
Montgomery.....	0	0	0	0	0	0	0	1	0	0	0
<b>WEST SOUTH CENTRAL.</b>											
<b>Louisiana:</b>											
New Orleans.....	0	0	0	0	0	0	1	0	0	0	0
Shreveport.....	0	0	0	0	0	0	0	1	0	0	0
<b>Texas:</b>											
Dallas.....	1	0	0	0	0	0	0	2	0	0	0
<b>MOUNTAIN.</b>											
<b>New Mexico:</b>											
Albuquerque.....	0	0	0	0	0	0	1	0	0	0	0
<b>Utah:</b>											
Salt Lake City.....	1	0	0	0	0	0	0	0	0	0	0
<b>PACIFIC.</b>											
<b>Oregon:</b>											
Portland.....	0	0	0	0	2	0	0	0	0	1	0
<b>California:</b>											
Los Angeles.....	1	0	0	0	0	0	1	0	0	0	0

The following table gives a summary of the reports from 105 cities for the nine-week period ended April 12, 1924. The cities included in this table are those whose reports have been published for all nine weeks in the Public Health Reports. Eight of these cities did not report deaths. The aggregate population of the cities reporting cases was estimated at nearly 29,000,000 on July 1, 1923, which is the latest date for which estimates are available. The cities reporting deaths had more than 28,000,000 population on that date. The number of cities included in each group and the aggregate population are shown in a separate table below.

*Summary of weekly reports from cities, February 10 to April 12, 1924.*

DIPHTHERIA CASES.

	1924, week ended—								
	Feb. 16.	Feb. 23.	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.
Total.....	1, 226	1, 075	1, 103	1, 028	1, 052	1, 113	1, 038	1, 039	1, 005
New England.....	115	109	125	86	110	135	103	105	102
Middle Atlantic.....	434	394	388	351	401	415	391	383	364
East North Central.....	247	225	230	218	234	229	200	219	210
West North Central.....	128	102	186	114	176	86	66	74	60
South Atlantic.....	57	31	54	43	37	61	42	61	52
East South Central.....	17	13	11	9	12	17	10	17	8
West South Central.....	37	34	34	34	18	21	32	23	24
Mountain.....	23	27	19	24	24	25	31	30	40
Pacific.....	168	140	156	149	140	124	163	127	* 125

MEASLES CASES.

Total.....	6, 577	6, 002	7, 258	7, 110	6, 946	7, 026	6, 590	6, 070	6, 247
New England.....	334	294	469	356	460	430	443	374	401
Middle Atlantic.....	1, 183	1, 388	1, 838	1, 971	2, 258	2, 467	2, 354	2, 394	2, 647
East North Central.....	378	322	476	541	604	659	674	806	838
West North Central.....	814	835	1, 056	1, 051	1, 112	925	766	569	415
South Atlantic.....	655	578	683	801	579	675	621	572	626
East South Central.....	118	163	263	155	196	231	173	126	156
West South Central.....	710	738	781	693	410	514	590	354	323
Mountain.....	1, 216	871	879	819	739	634	444	405	241
Pacific.....	1, 169	813	813	723	588	491	525	470	* 600

SCARLET FEVER CASES.

Total.....	1, 798	1, 677	1, 873	1, 934	1, 916	1, 928	1, 966	1, 737	1, 822
New England.....	276	301	330	387	413	337	363	312	326
Middle Atlantic.....	525	450	519	532	520	532	532	517	498
East North Central.....	383	317	380	347	349	376	370	346	345
West North Central.....	258	272	1, 250	253	1, 249	270	254	184	230
South Atlantic.....	157	142	188	209	175	221	202	200	218
East South Central.....	14	12	12	28	22	17	30	11	18
West South Central.....	12	8	9	11	19	13	17	15	26
Mountain.....	41	24	30	25	27	22	28	16	20
Pacific.....	132	151	155	142	142	140	170	136	* 141

<sup>1</sup> Figures for Kansas City, Mo., estimated. Report not received at time of going to press.

<sup>2</sup> Figures for San Francisco, Calif., estimated.



## Summary of weekly reports from cities, February 10 to April 12, 1924—Contd.

## SMALLPOX CASES.

	1924, week ended—								
	Feb. 16.	Feb. 23.	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.
Total.....	473	496	521	488	522	565	602	544	537
New England.....	0	0	0	0	0	0	0	0	1
Middle Atlantic.....	0	0	0	1	2	0	6	1	1
East North Central.....	143	101	145	160	125	186	162	153	141
West North Central.....	49	65	151	56	176	77	72	52	61
South Atlantic.....	117	117	121	117	144	123	171	116	98
East South Central.....	5	9	35	35	25	25	38	49	45
West South Central.....	12	14	4	2	5	6	7	10	4
Mountain.....	3	2	11	11	3	4	7	8	4
Pacific.....	144	178	154	106	142	144	139	155	182

## TYPHOID FEVER CASES.

Total.....	74	52	49	46	56	60	76	51	53
New England.....	3	5	8	7	3	2	4	1	4
Middle Atlantic.....	23	8	11	16	20	19	26	9	21
East North Central.....	18	8	9	8	11	8	7	7	7
West North Central.....	2	0	1	3	1	5	5	7	2
South Atlantic.....	7	11	7	3	8	1	11	9	10
East South Central.....	2	4	4	1	7	13	10	1	1
West South Central.....	3	6	3	2	3	2	8	9	2
Mountain.....	4	2	1	2	0	1	1	2	1
Pacific.....	12	8	5	4	3	9	4	6	5

## INFLUENZA DEATHS.

Total.....	92	99	96	118	107	85	96	97	94
New England.....	5	4	3	5	10	5	3	6	3
Middle Atlantic.....	30	36	33	45	37	28	45	44	35
East North Central.....	13	18	14	19	23	13	11	20	25
West North Central.....	6	4	1	3	1	3	4	2	8
South Atlantic.....	17	10	13	15	7	15	10	3	7
East South Central.....	6	12	10	15	16	9	8	13	6
West South Central.....	11	8	15	12	8	8	10	6	3
Mountain.....	0	2	2	4	1	2	2	1	2
Pacific.....	4	5	4	2	2	2	3	2	5

## PNEUMONIA DEATHS.

Total.....	1,125	1,191	1,165	1,218	1,194	1,173	1,204	1,251	1,221
New England.....	79	87	84	71	85	67	58	75	71
Middle Atlantic.....	407	461	469	516	466	495	525	560	494
East North Central.....	255	226	235	221	240	226	255	286	258
West North Central.....	52	50	49	62	66	54	72	71	74
South Atlantic.....	146	171	166	177	161	152	111	125	158
East South Central.....	65	65	55	61	55	69	47	61	53
West South Central.....	59	71	55	62	61	56	61	67	43
Mountain.....	30	27	19	14	31	20	37	39	32
Pacific.....	32	33	33	34	29	34	38	27	38

<sup>1</sup> Figures for Kansas City, Mo., estimated. Report not received a time of going to press.

<sup>2</sup> Figures for San Francisco, Calif., estimated.

Number of cities included in summary of weekly reports and aggregate population of cities in each group, estimated as of July 1, 1923.

Group of cities.	Number of cities reporting cases.	Number of cities reporting deaths.	Aggregate population of cities reporting cases.	Aggregate population of cities reporting deaths.
Total.....	105	97	28,898,350	28,140,934
New England.....	12	12	2,698,746	2,098,746
Middle Atlantic.....	10	10	10,304,114	10,304,114
East North Central.....	17	17	7,032,535	7,032,535
West North Central.....	14	11	2,515,330	2,381,454
South Atlantic.....	22	22	2,566,901	2,566,901
East South Central.....	7	7	911,885	911,885
West South Central.....	8	6	1,124,564	1,023,013
Mountain.....	9	9	546,445	546,445
Pacific.....	6	3	1,797,830	1,275,811

## FOREIGN AND INSULAR.

### TYPHUS FEVER ON VESSEL.

Steamship "Malta Maru"—At Rotterdam, Netherlands.

A case of typhus fever was reported removed, March 17, 1924, at Rotterdam, Netherlands, from the Japanese steamship *Malta Maru*. The case occurred in the person of the first mate of the vessel. The *Malta Maru* arrived at Rotterdam March 17 from South America and left Rotterdam March 23, 1924, for Antwerp. The patient was stated to have been sick on arrival and to have been removed to the city hospital, but diagnosis was not made until after the vessel had sailed for Antwerp.

### BRAZIL.

Mortality—Leprosy—Malaria—Manaos—January—February, 1924.

During the month of January, 1924, two deaths from leprosy and 32 deaths from malaria were notified at Manaos, Brazil; total mortality from all causes, 140. During the month of February, 1924, two deaths from leprosy and 38 from malaria were notified; total mortality, 133. (Officially estimated population, 56,311.)

### BRITISH EAST AFRICA.

Leprosy—Zanzibar.

During the month of January, 1924, three cases of leprosy were notified in Zanzibar, British East Africa. They were stated to have been sent to the leper settlement of Funzi.

### GREECE.

Plague—Kalamata—Patras.

The occurrence of several deaths from plague was reported at Kalamata and Patras, Greece, during the period April 18 to 24, 1924.

### LATVIA.

Communicable Diseases—February, 1924.

Communicable diseases were notified in the Republic of Latvia during the month of February, 1924, as follows:

Disease.	Cases.	Remark.
Chicken pox.....	1	
Diphtheria.....	69	
Measles.....	249	
Mumps.....	1	
Scarlet fever.....	173	
Smallpox.....	1	
Trachoma.....	2	
Typhoid fever.....	81	
Typhus fever.....	13	Paratyphus A, 1; paratyphus B, 1.
Typhus fever, recurrent.....	1	
Whooping cough.....	13	

**Dysentery—Influenza—Malaria.**

During the same period 4 cases of dysentery, 30 of influenza, and 1 case of malaria were reported in the Republic of Latvia.

**MALTA.****Communicable Diseases—February, 1924.**

Communicable diseases were notified in the Island of Malta during the month of February, 1924, as follows:

Disease.	Cases.	Deaths.
Chicken pox.....	4	—
Diphtheria.....	5	1
Measles.....	39	—
Smallpox.....	1	—
Trachoma.....	31	—
Tuberculosis.....	14	11
Typhoid fever.....	22	3
Whooping cough.....	111	—

**Other Diseases.**

Other diseases were notified in the Island of Malta during the period under report as follows: Bronchopneumonia and pneumonia, 15 cases; influenza, 399 cases; malaria,<sup>1</sup> one case; undulant fever, 28 cases.

**PANAMA CANAL.****Communicable Diseases—March, 1924.**

Communicable diseases were reported in the Panama Canal Zone, during the month of March, 1924, as follows:

Disease.	Cases.				Total.
	Canal Zone.	Colon.	Panama.	Non-resident.	
Chicken pox.....	6	—	9	1	16
Diphtheria.....	—	—	1	—	1
Dysentery.....	<sup>a</sup> 1	1	1	—	3
Hookworm.....	90	6	27	43	166
Leprosy.....	—	—	2	1	3
Malaria.....	44	—	1	40	85
Measles.....	27	10	17	3	57
Meningitis.....	—	1	3	—	4
Mumps.....	3	—	—	8	11
Pneumonia.....	1	6	29	2	38
Poliomyelitis.....	1	—	—	1	2
Typhoid fever.....	—	—	—	1	1
Tuberculosis.....	1	6	18	6	31
Whooping cough.....	27	2	—	—	29

<sup>a</sup> Carrier.

<sup>1</sup> Contracted abroad.

## UNION OF SOUTH AFRICA.

## Status of Plague.

Plague was reported in the Union of South Africa during the week ended March 8, 1924, as follows:

*Cape Province.*—In the Albert district, six cases, in natives, with three deaths.

*Orange Free State.*—19 cases (white 2, native 17), with 12 deaths in natives as compared with 31 cases with 17 deaths reported during the previous week. The cases were distributed in nine localities (farms) in Kroonstad district, and in one locality each of the Boshof, Vrededorst, and Winburg districts.

*Transvaal.*—An outbreak of plague was reported on a farm in Wolmaransstad district, Transvaal, with three cases (white, one case) and one death, a native.

The total number of cases reported in the Union of South Africa from December 16, 1923, to March 8, 1924, is 155 (white, 25, native, 130), with 92 deaths (white 10, native 82).

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

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

Reports Received During Week Ended May 2, 1924.<sup>1</sup>

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India.....				Feb. 10-23, 1924: Cases, 2,391; deaths, 1,393.
Calcutta.....	Mar. 9-15.....	59	47	
Madras.....	Mar. 16-22.....	1		
Rangoon.....	Mar. 9-15.....	1	1	
Philippine Islands: Province— Cebu.....	Mar. 2-8.....	1	1	

## PLAGUE.

Ceylon: Colombo.....	Feb. 24-Mar. 1....	7	7	Plague rats, two.
Chile: Antofagasta.....	Mar. 16-22.....	5		
China: Nanking.....	Mar. 9-22.....			Present.
Greece: Kalamata.....	Apr. 18-24.....			Several deaths.
Patras.....	do.....			Do.
India.....				Feb. 10-23, 1924: Cases, 16,216; deaths, 12,481.
Calcutta.....	Mar. 9-15.....	2	2	
Karachi.....	Mar. 16-22.....	7	3	
Madras (Presidency).....	do.....	26	17	
Rangoon.....	Mar. 2-15.....	38	36	
Straits Settlements: Singapore.....	Mar. 2-15.....	2	2	

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

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

## Reports Received During Week Ended May 2, 1924—Continued.

### PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Union of South Africa.....				Total, Dec. 16, 1923-Mar. 8, 1924: Cases, 155 (white, 25); deaths, 92 (white, 10).
Cape Province.....				Mar. 2-8, 1924: Cases, 6; deaths, 3. Natives. In Albert district.
Orange Free State.....				Mar. 2-8, 1924: Cases, 19 (white, 2); deaths, 12 (natives). In 9 localities.
Transvaal— Wolmaransstad district.	Mar. 2-8.....	3	1	White, one case.

### SMALLPOX.

Arabia:				
Adon.....	Mar. 23-29.....	1		Stated to have been imported.
British South Africa:				
Northern Rhodesia.....				Feb. 26-Mar. 3, 1924: One case.
Canada:				
Alberta—				
Calgary.....	Apr. 6-12.....	2		
Manitoba—				
Winnipeg.....	Apr. 6-12.....	6		
Ontario—				
Ottawa.....	Feb. 17-23.....	1		
China:				
Amoy.....	Mar. 2-22.....		11	
Chungking.....	Mar. 2-8.....			Stated to be widespread
Hongkong.....	Feb. 17-Mar. 1.....	95	97	
Manchuria—				
Harbin.....	Mar. 11-17.....	2		
Nanking.....	Mar. 9-22.....			Present.
Colombia:				
Buenaventura.....	Apr. 3.....	1		
Costa Rica:				
Port Limon.....	Mar. 30-Apr. 5.....	1		Two cases isolated in quarantine hospital, Uvita Island.
Dominican Republic:				
La Romana.....	Mar. 16-22.....	1		
India:				
Karachi.....	Mar. 18-22.....	10	4	Feb. 10-23, 1924: Cases, 7,415; deaths, 1,359.
Madras.....	Mar. 16-22.....	42	4	
Rangoon.....	Mar. 2-15.....	18	6	
Japan:				
Kobe.....	Mar. 21-27.....	3		
Tokyo.....	Mar. 2-22.....	4		To Mar. 14, 1924: Cases, 138.
Latvia.....				Feb. 1-29, 1924: Cases, 1.
Malta (Island of).....	Feb. 1-29.....	1		
Mexico:				
Mazatlan.....	Apr. 6-13.....		2	
Tampico.....				Jan. 21-Apr. 10, 1924: Cases, 36 (12 in soldiers or soldiers' families); deaths, 5.
Portugal:				
Lisbon.....	Mar. 23-29.....	5		
Siam:				
Bangkok.....	Mar. 2-8.....	1		
Spain:				
Valencia.....	Mar. 30-Apr. 5.....	26		
Switzerland:				
Berne.....	Mar. 23-29.....	3		
Tunis:				
Tunis.....	Mar. 25-31.....	5		
Union of South Africa:				
Transvaal.....	Mar. 11-17.....			Outbreaks.

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

**Reports Received During Week Ended May 2, 1924—Continued.**

**TYPHUS FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
Bulgaria: Sofia.....	Mar. 16-22.....			Paratyphus, cases, 2.
Ceylon: Colombo.....	Feb. 24-Mar. 1.....	1	1	Case from port.
Latvia.....				Feb. 1-29, 1924: Cases, 13. Paratyphus A, 1; B, 1. Recurrent, 1 case.
Union of South Africa: Cape Province.....	Mar. 11-17.....			Outbreaks.
On vessel: S. S. Malta Maru.....	Mar. 17.....	1		At Rotterdam, Netherlands, from South America.

**Reports Received from December 29, 1923, to April 25, 1924. <sup>1</sup>**

**CHOLERA.**

China: Hongkong.....	Nov. 18-24.....	1		
India.....				Oct. 14-Dec. 22, 1923: Cases, 14,117; deaths, 9,148.
Do.....				Dec. 30, 1923-Feb. 9, 1924: Cases, 8,491; deaths, 4,472.
Bombay.....	Dec. 23-29.....	1	1	
Do.....	Feb. 3-16.....	17	17	
Calcutta.....	Nov. 11-Dec. 29.....	85	69	
Do.....	Dec. 30-Mar. 8.....	281	229	
Madras.....	Nov. 25-Dec. 29.....	15	5	
Do.....	Dec. 30-Mar. 8.....	23	10	
Rangoon.....	Nov. 11-Dec. 29.....	8	5	
Do.....	Feb. 24-Mar. 1.....	4	3	
Indo-China: Saigon.....	Dec. 31-Jan. 5.....	1	1	Including 100 square kilometers in surrounding country.
Philippine Islands: Manila.....	Feb. 3-9.....	1	1	
Siam: Bangkok.....	Nov. 18-Dec. 8.....	4	2	
Do.....	Dec. 31-Feb. 23.....	7	4	
Turkey: Constantinople.....	Dec. 2-8.....		1	

**PLAGUE.**

Azores: St. Michael Island.....	Oct. 20-Nov. 10.....	9	5	At localities 3 to 9 miles from port of Ponta Delgada.
Bolivia: La Paz.....	Oct. 1-31.....		3	
Do.....	Feb. 1-29.....		6	
Brazil: Bahia.....	Nov. 11-Dec. 22.....	5	3	
Do.....	Dec. 30-Feb. 16.....	6	6	
Porto Alegre.....	Feb. 10-16.....		1	
Rio de Janeiro.....	Jan. 20-26.....	1		
British East Africa: Kenya— Kisumu.....	Feb. 24-Mar. 8.....	1	1	
Mombasa.....	Oct. 14-20.....	1	1	Infected rats, 2. Dec. 9-15, 1923: Cases, 4; deaths, 2; removed from vessel arrived Dec. 11, 1923.
Do.....	Dec. 30-Jan. 5.....	1	1	
Nairobi.....	Nov. 1-21.....	40		In rural districts, several hundred.
Tanganyika.....				To Nov. 24, 1923: Cases, 33; deaths, 25.
Do.....	Jan. 27-Feb. 9.....	8	5	
Uganda: Entebbe.....	Aug. 1-Oct. 31.....	734	719	
Do.....	Oct. 1-Dec. 31.....	251	239	
Do.....	Jan. 1-31.....	26	35	

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

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

Reports Received from December 29, 1923, to April 25, 1924—Continued.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canary Islands:				
Las Palmas.....	Oct. 15-Nov. 15.....	14	14	
Santa Cruz de Tenerife.....	Feb. 19-Mar. 20.....	4		
San Juan de la Rambla.....	Dec. 11.....	1		Locality 52 km. from Tenerife. Epidemic.
Celebes Island.....	Nov. 30.....			
Ceylon:				
Colombo.....	Nov. 11-Dec. 29.....	31	21	Plague rodents, 24.
Do.....	Dec. 30-Feb. 23.....	68	64	Plague rodents, 29.
China:				
Nanking.....	Dec. 16-29.....			Present.
Do.....	Dec. 30-Feb. 9.....			Do.
Ecuador:				
Guayaquil.....	Nov. 16-Dec. 31.....	45	13	Rats taken, 53,240; found infected, 133.
Do.....	Jan. 1-Mar. 15.....	96	31	Rats taken, 93,454; found infected, 453.
Jipijapa.....	Nov. 16-Dec. 15.....			Present.
Quevedo.....	Jan. 1-31.....	3	2	
Quito.....	Nov. 1-30.....	11	1	
Santa Rosa.....	Feb. 16-29.....			Do.
Vino del Milagro.....	Dec. 1-15.....	1		
Egypt.....				Jan. 1-Dec. 31, 1923: Cases, 1,519; deaths, 725. Jan. 1-Feb. 28, 1924: Cases, 39; deaths, 24.
City—				
Alexandria.....	Year 1923.....	65	33	
Cairo.....	do.....	2	2	
Port Said.....	do.....	51	29	
Suez.....	do.....	46	24	
Do.....	Jan. 2-Feb. 16.....	6	3	
Province—				
Assiout.....	Year 1923.....	370	211	
Beni-Souef.....	do.....	63	23	
Charkieh.....	Jan. 31.....	1	1	
Dakhlich.....	Year 1923.....	2	2	
Fayoum.....	do.....	34	9	
Do.....	Feb. 18.....	1	1	
Gharbieh.....	Year 1923.....	23	9	
Girgeh.....	do.....	337	193	
Do.....	Jan. 17-Feb. 11.....	3	2	
Gizah.....	Year 1923.....	3	4	
Kalioubiah.....	do.....	76	10	
Do.....	Jan. 6.....	1	1	
Kena.....	Year 1923.....	50	34	
Menoufieh.....	do.....	290	98	
Do.....	Jan. 2-Feb. 23.....	26	16	
Minia.....	Year 1923.....	106	44	
Do.....	Feb. 5.....	1	1	
Hawaii:				
Honokaa.....				Jan. 8-Mar. 14, 1924: Four plague-infected rodents.
Paauhau.....				Dec. 14, 1923: One plague rat. Feb. 14, 1924: One plague rat.
India.....				Oct. 14-Dec. 29, 1923: Cases, 34,542; deaths, 23,778.
Do.....				Dec. 30, 1923-Feb. 9, 1924: Cases, 28,912; deaths, 21,784.
Bombay.....	Oct. 28-Dec. 22.....	5	5	
Do.....	Dec. 30-Mar. 8.....	87	65	
Calcutta.....	Dec. 23-29.....	1	1	
Do.....	Jan. 6-Feb. 23.....	2	2	
Karachi.....	Nov. 11-Dec. 29.....	42	33	
Do.....	Dec. 30-Mar. 15.....	19	12	
Madras Presidency.....	Nov. 4-Dec. 29.....	1,657	1,021	
Do.....	Jan. 27-Mar. 8.....	582	367	
Rangoon.....	Jan. 27-Feb. 16.....	20	15	
Do.....	Dec. 30-Mar. 1.....	66	60	
Indo-China:				
Saigon.....	Oct. 28-Dec. 8.....	19	6	Including 100 square kilometers in surrounding country.
Do.....	Jan. 27-Feb. 2.....	1		Do.
Iraq:				
Bagdad.....	Nov. 11-Dec. 29.....	8	6	
Do.....	Jan. 6-Feb. 27.....	17	7	

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

Reports Received from December 29, 1923, to April 25, 1924—Continued.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java				
Province—				
Djakakarta	Oct. 1-Dec. 31		146	Oct. 1-Dec. 31, 1923: Deaths, 2,908. Jan. 1-31, 1924: Deaths, 967.
Do.	Jan. 1-31		44	
Kedoe	Oct. 1-Dec. 31		1,287	
Do.	Jan. 1-31		402	
Pekalongan	Oct. 1-Dec. 31		150	
Do.	Jan. 1-31		57	
Samarang	Oct. 1-Dec. 31		430	
Do.	Jan. 1-31		81	
Soerabaya	Oct. 1-Dec. 31		9	
Do.	Dec. 26-Feb. 2		26	
Soerakarta	Oct. 1-Dec. 31		886	
Do.	Jan. 1-31		372	
Madagascar:				
Tananarive Province	Oct. 1-Dec. 31	324	272	Bubonic, pneumonic, septice-mic. July 1-Dec. 31, 1923—city and Province: Cases, 429; deaths, 367. Jan. 1-Feb. 4, 1924—city and Province: Cases, 271; deaths, 242.
Tananarive town	do	74	74	
Do.	Jan. 29-Feb. 4	18	18	
Paraguay:				
Asuncion	Dec. 18	6	4	
Peru				Nov. 1-Dec. 31, 1923: Cases, 38; deaths, 24. Jan. 1-31, 1924: Cases, 37; deaths, 15. Feb. 1-29, 1924: Cases, 58; deaths, 11.
Locality—				
Callao	Jan. 1-Feb. 29	4	1	
Cañete	Nov. 1-30	1	1	
Do.	Feb. 1-29	2		
Chancay	Dec. 1-31	2		
Chcpen	Nov. 1-30	1		
Chiclayo	Nov. 1-Dec. 31	2	1	
Chilca	Jan. 1-31	1		
Guadalupe	Feb. 1-29	1		
Huacho	Feb. 1-29	3	1	
Do.	do	8	1	
Huarmey	Jan. 1-Feb. 29	20	3	
Lima (city)	Nov. 1-Dec. 31	22	15	
Do.	Jan. 1-Feb. 29	29	15	
Lima (country)	Nov. 1-Dec. 31	8	7	
Do.	Jan. 1-Feb. 29	6	1	
Lurin	do	2		
Mollendo	do	2	1	
Paita (city)	do	1	1	
Paita (country)	do	8	1	
Reque	do	4		
Sullana	do	2		
Trujillo	do	4	1	
Portugal:				Country.
Lisbon	Dec. 13-21	7		
Do.	Dec. 31-Jan. 6		1	
Portuguese West Africa:				
Angola—				
Loanda	Oct. 1-Dec. 29	59	29	
Do.	Dec. 30-Feb. 2		4	
Russia:				
Bukeeve Province				Oct. 1, 1923-Feb. 4, 1924: Cases, 319; deaths, 294. 66 plague centers.
Ural Provinces				
Siam:				
Bangkok	Nov. 4-Dec. 8	3	2	
Do.	Jan. 13-Mar. 1	2	2	
Siberia:				
Transbaikalia—				
Chita	Jan. 27	2	2	Pneumonic. Occurring in veter-inary laboratory workers
Spain:				
Malaga	Dec. 1-31	4		
Straits Settlements:				
Penang	Jan. 27-Feb. 2	1	1	
Singapore	Nov. 11-Dec. 22	4	4	
Do.	Dec. 30-Mar. 1	12	9	
Syria:				
Beirut	Nov. 1-Dec. 10	3		
Do.	Jan. 1-10	1		



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

Reports Received from December 29, 1923, to April 25, 1924—Continued.

### PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Turkey:				
Constantinople	Dec. 2-22	6	3	
Union of South Africa				Dec. 16, 1923–Feb. 16, 1924: Cases, 66; deaths, 36 (European cases, 18; deaths, 5). Reported Mar. 5, 1924: Cases, 5; deaths, 4.
Cape Province				Plague rodent found in vicinity Haarhoff's Kraal farm.
Uitenhage district	Dec. 9-15			Jan. 27–Feb. 23, 1924: Cases, 55; deaths, 33. (White cases, 7; colored cases, 24; deaths, 14). Feb. 10: Death of case (white) previously reported.
Orange Free State				White, cases, 3; deaths, 2. The occurrence was in the Kroonstad, Winburg, and Vredefort districts.
Do	Feb. 24–Mar. 5	31	17	Total from Dec. 16, 1923–Mar. 1, 1924: Cases, 122 (white, 22); deaths, 70 (white, 10).
Hoopstad district	Feb. 3-9	1		
Kroonstad district	Dec. 16-27	7	3	Cases, 24; deaths, 15, reported since outbreak.
Do	Jan. 6–Feb. 9	43	20	
Winburg district	Feb. 3-9	1		
Wonderfontein farm	Dec. 2-8	4		Vicinity of Hoopstad. At Hoopstad, Dec. 9-15, 1923, one death of case previously reported.
West Africa				Apr. 2, 1924: Reported present in one locality.
On vessels:				
_____	Dec. 11	4	2	At Mombasa, British East Africa.
_____	Jan. 24	2		At Varna, Bulgaria, from Syrian port.

### SMALLPOX

Algeria:					
Algiers	Nov. 1-30	1			
Arabia:					
Aden	Dec. 16-22	1			Imported.
Do	Jan. 13–Mar. 22	5			Four imported.
Belgium:					
Brussels	do	10			
Bolivia:					
La Paz	Oct. 1–Dec. 31	45	15		
Do	Jan. 1–Feb. 29	11	8		
Brazil:					
Bahia	Jan. 6-12	2			
Pernambuco	Nov. 4–Dec. 1	15	3		
Do	Jan. 6–Feb. 23	7	8		
Porto Alegre	Dec. 23-29	1			
Do	Dec. 30–Mar. 8	2			
Rio de Janeiro	Nov. 18-24	3	4		
Do	Jan. 6–Mar. 8	3	2		
Sao Paulo	Sept. 3-9	1			
British East Africa:					
Entebbe	Dec. 1-31	1			
Tanganyika Territory	Sept. 30–Dec. 29	22	4		
Do	Jan. 6-12	2			
Uganda	Sept. 1-30	6	1		
Entebbe	Oct. 1–Dec. 31	5	1		
Zanzibar	Sept. 1–Oct. 31	116	18		Sept. 1-30, 1923: In areas 27 miles from town of Zanzibar. Oct. 1-31, 1923: In vicinity, 1 case, 1 death. In Mikotoni district, 30 cases, 14 deaths reported.
Canada:					
Alberta—					
Calgary	Jan. 27–Mar. 29	36			
British Columbia—					
Vancouver	Dec. 23-29	10			
Do	Dec. 30–Feb. 23	54			
Victoria	Feb. 10–Mar. 29	3			

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

**Reports Received from December 29, 1923, to April 25, 1924—Continued.**

**SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued:				
Manitoba—				
Winnipeg	Nov. 25-Dec. 29	21		
Do	Dec. 30-Mar. 29	71		
New Brunswick—				
Frederickton				Feb. 1-29, 1924: Cases, 8.
Gloucester County	Mar. 2-Apr. 5	4		
Madawaska County	Dec. 8-15	1		
Restigouche County				Jan. 1-Feb. 29, 1924: Cases, 3.
Victoria County	Feb. 10-16	2		
Westmoreland County	Feb. 10-Apr. 5	4		
Ontario				Jan. 1-Mar. 15, 1924: Cases, 342; deaths, 28.
Amherstburg	Mar. 1-31	16	8	
Chapleau	do	13	1	
Cochrane	do	15	5	
Essex Border	do	12	6	
Fort William and Port Arthur	Dec. 16-29	3		Occurring at Fort William.
London	Feb. 3-Apr. 5	7		
North Bay	do	1		
Perth	Mar. 1-31	14		
Toronto	Jan. 17-Mar. 31	15	1	
Windsor	Feb. 1-Mar. 15	52	11	
Quebec—				
Montreal	Nov. 30-Feb. 23	7		
Saskatchewan—				
Regina	Dec. 9-15	1		
Do	Dec. 30-Feb. 23	6	1	
Ceylon:				
Colombo	Nov. 11-17	3	1	
Do	Jan. 20-Feb. 23	5	1	
Chile:				
Antofagasta	Jan. 6-19	4	1	
Concepcion	Oct. 1-Dec. 31		14	
Talcahuano	Nov. 26-Dec. 2	3		Dec. 22, 1923: Five cases present.
Valparaiso	Dec. 9-15		1	
Do	Jan. 13-Mar. 15		8	
China:				
Amoy	Nov. 18-Dec. 8			Present.
Do	Jan. 6-Mar. 5		9	Including Kulangsu, 14 deaths; and in hospital, Feb. 9, 1924, more than 30 cases stated to be present.
Antung	Dec. 31-Feb. 3	2	2	Present.
Canton	Dec. 23-Feb. 23			Present and endemic.
Chungking	Nov. 4-Dec. 29			Present.
Do	Dec. 30-Mar. 1			Do.
Foochow	Nov. 4-Dec. 15			Do.
Do	Dec. 31-Mar. 8			
Hongkong	Oct. 28-Dec. 29	718	630	
Do	Dec. 30-Feb. 28	435	45	
Kulangsu	Mar. 5			Do.
Manchuria—				
Dairen	Dec. 31-Jan. 20	2		
Do	Mar. 3-9	1		
Harbin	Nov. 12-Dec. 22	36		
Do	Jan. 1-Mar. 3	17	5	
Nanking	Dec. 2-15			Do.
Do	Dec. 30-Mar. 16			Do.
Shanghai	Dec. 29			Prevalent.
Do	Jan. 6-Mar. 15	29	72	Cases, foreign; deaths, Chinese and foreign.
Chosen (Korea):				
Chemulpo	Jan. 1-31	1		
Seoul	Nov. 1-30	1		
Do	Feb. 1-29	2		
Colombia:				
Buenaventura	Nov. 18-Dec. 15	8		
Costa Rica:				
Port Limon	Feb. 18-24	1		
Czechoslovakia				Oct. 1-Dec. 31, 1923: Cases, 1; deaths, 1; occurring in Slovakia
Dominican Republic:				
La Romana	Jan. 27-Mar. 8	13		

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

Reports Received from December 29, 1923, to April 25, 1924—Continued.

### SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ecuador:</b>				
Esmeraldas	Nov. 16-30	4		
Guayaquil	Dec. 1-31	1		
Do.	Jan. 1-Feb. 29	3		
Quito	Nov. 1-30	167	26	
<b>Egypt:</b>				
Alexandria	Feb. 27-Mar. 18	2	7	
Cairo	Jan. 1-7	1	1	
Port Said	Nov. 24-Dec. 2	1		
<b>Estonia.</b>				Nov. 1-Dec. 31, 1923: Cases, 38. Jan. 1-31, 1924: Cases, 9.
<b>France:</b>				
Cherbourg	Feb. 9-15	1		British seaman.
<b>Gibraltar.</b>	Mar. 3-9	1		
<b>Great Britain:</b>				
Liverpool	Mar. 2-8	1		In family of seaman recently returned from Oporto, Portugal.
<b>Greece:</b>				
Saloniki	Oct. 22-Dec. 30		11	
Do.	Dec. 31-Feb. 24	4	3	
<b>Guadeloupe (West Indies).</b>				Jan. 2-16, 1924: Present.
Abymes	Feb. 16			Present. Vicinity of Point & Pitre.
Basse Terre	Dec. 18			Present.
Do.	Jan. 12-Feb. 16			Do.
Marie Galante Island	Dec. 18			Off shore island; present.
Do.	Feb. 16			Present. Estimated 60 cases.
Moule	Jan. 12-Feb. 16			Present.
Point à Pitre	Dec. 18			Present in vicinity.
<b>Haiti:</b>				
Cape Haitien	Feb. 3-9	3		Mar. 9-15, 1924: 2 cases in hospital.
Hinche	Feb. 10-16	1		
Port au Prince	Feb. 17-Mar. 1	2	1	Developed at Limbe, Haiti.
<b>India.</b>				Oct. 14-Dec. 29, 1923: Cases, 9,720; deaths, 2,241.
Do.				Dec. 30, 1923-Feb. 9, 1924: Cases, 11,658; deaths, 2,920.
Bombay	Oct. 28-Dec. 29	55	25	
Do.	Dec. 30-Mar. 8	458	221	
Calcutta	Dec. 16-29	4	4	
Do.	Dec. 30-Mar. 8	8	7	
Karachi	Dec. 30-Mar. 15	34	6	
Madras	Nov. 4-Dec. 29	23	3	
Do.	Dec. 30-Mar. 15	169	9	
Rangoon	Nov. 4-Dec. 29	12	4	
Do.	Dec. 30-Mar. 1	19	3	
<b>Indo-China:</b>				
City—				
Saigon	Nov. 4-Dec. 29	133	74	Including 100 square kilometers of surrounding country.
Do.	Dec. 31-Feb. 23	352	201	
<b>Iraq:</b>				
Bagdad	Oct. 24-Dec. 29	46	28	
Do.	Dec. 30-Feb. 16	44	33	
<b>Italy:</b>				
Trieste	Feb. 17-23	4		
Turin	Feb. 18-24	1		
<b>Jamaica.</b>				Nov. 25-Dec. 29, 1923: Cases, 115.
Do.				Dec. 30, 1923-Mar. 29, 1924: Cases, 233. Reported as alastrim.
Kingston	Nov. 25-Dec. 29	3		
Do.	Dec. 30-Mar. 8	8		
<b>Japan:</b>				
Kobe	Feb. 14-Mar. 23	11	6	
Taiwan	Jan. 1-Feb. 29	7		
Tokyo	Jan. 1-Mar. 7	131		
<b>Java:</b>				
East Java—				
Soerabaya	Oct. 23-Dec. 29	348	60	
Do.	Dec. 30-Feb. 23	150	27	
West Java—				
Batavia	Oct. 27-Dec. 23	65	13	
Do.	Dec. 29-Feb. 15	31	6	
<b>Latvia.</b>				Oct. 1-Dec. 31, 1923: Cases, 6 Jan. 1-31, 1924: Cases, 4.

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

Reports Received from December 29, 1923, to April 25, 1924—Continued.

### SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico:</b>				
Guadalajara	Jan 27-Mar 15		5	
Manzanillo	Dec 4-10	5	1	
Mazatlan	Mar 31-Apr 6		2	
Mexico City	Nov 25-Dec 29	32		Including municipalities in Federal District.
Do	Jan 30-Mar 15	102	23	Do
Monterey				Mar 24, 1924, 11 cases officially announced.
Salina Cruz	Jan 1-31	1		
San Luis Potosi	Mar 16-22		1	
Tampico	Jan 21-Mar 31	29		From Irapuato, 9; La Barra, 1.
Vera Cruz	Nov 3-Dec 30		4	
Do	Jan 6-27	1	2	
<b>Netherlands:</b>				
Rotterdam	Jan 20-26	3		
<b>Palestine:</b>				
Jaffa	Jan 15-28	3		
Jerusalem	Feb 18-25	1		
<b>Persia:</b>				
Tcheran	Sept 24-Dec 23		4	
Do	Dec 22-Jan 20		1	
Poland				Sept. 28-Dec. 31, 1923: Cases, 83; deaths, 20. Jan. 1-18, 1924: Cases, 51; deaths, 10.
<b>Portugal:</b>				
Lisbon	Nov. 11-Dec. 29	19	10	Corrected report.
Do	Dec. 31-Mar. 22	86	16	
Oporto	Nov. 25-Dec. 29	39	23	
Do	Dec. 30-Mar. 22	82	45	
<b>Portuguese East Africa:</b>				
Lourenco Marques	Dec. 30-Jan. 5	2		
<b>Portuguese West Africa:</b>				
Angola—				
Loanda	Dec. 2-29		5	
<b>Russia:</b>				
Ukraine				Aug. 1-Sept. 30, 1923: Cases, 143.
<b>Siam:</b>				
Bangkok	Oct. 28-Dec. 8	33	18	Nov. 25-Dec. 1, 1923: Epidemic.
Do	Dec. 30-Mar. 1	7	2	
<b>Siberia:</b>				
Dauria Station	Oct. 21			Present. Locality on Chita Railway, Manchurian frontier.
<b>Sierra Leone:</b>				
Sherbro District—				
Tagbail	Nov. 1-15	3		
<b>Spain:</b>				
Barcelona	Nov. 15-Dec. 26		2	
Do	Jan. 3-Mar. 26		5	
Valencia	Nov. 25-Dec. 29	152	12	
Do	Dec. 30-Mar. 29	344	34	
<b>Straits Settlements:</b>				
Singapore	Dec. 16-29	2	1	
Do	Dec. 30-Jan. 26	3		
<b>Switzerland:</b>				
Basel	Jan. 27-Feb. 9	4		Corrected.
Berne	Nov. 17-Dec. 22	15		
Do	Jan. 6-Mar. 22	31	1	
Lucerne	Nov. 1-Dec. 31	60		
Do	Jan.-Feb.	7		
Zurich	Jan. 27-Mar. 8	2		
<b>Syria:</b>				
Aleppo	Nov. 25-Dec. 1	1		In vicinity, at Djisir Chonghour.
Beirut	Jan. 21-Feb. 20	2		
Damascus	Nov. 16-Dec. 15	7		
Do	Jan. 29-Mar. 3	29		
<b>Tunis:</b>				
Tunis	Oct. 27-Nov. 2	5	1	
Do	Jan. 8-Mar. 24	4	4	
<b>Turkey:</b>				
Constantinople	Nov. 11-Dec. 8	3		Dec. 1-31, 1923: Cases, 120; deaths, 15.
Do	Jan. 6-Feb. 16	1	1	
<b>Union of South Africa:</b>				
Cape Province	Oct. 28-Dec. 8			Oct. 1-31, 1923: Colored, cases, 41; deaths, 2; white, cases, 3.
Do	Jan. 20-Mar. 1			Outbreaks.
Natal	Oct. 28-Nov. 3			Do.

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

Reports Received from December 29, 1923, to April 25, 1924—Continued.

### SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Northern Rhodesia	Dec. 4-31	40	5	Jan. 1-31, 1924: Cases, 50; deaths, 11; reported from Balovale, Kalabo, and Mankoya districts.
Do				
Orange Free State	Oct. 28-Nov. 24			Outbreaks.
Do	Jan. 20-Feb. 23			Do.
Transvaal	Nov. 18-Dec. 1			Do.
Johannesburg	Nov. 25-Dec. 15	3		
Do	Feb. 3-23	2		
Uruguay:				
Montevideo	Oct. 1-31	1		
Venezuela:				
Caracas	Jan. 22			Epidemic.
Margarita Island— Punta Piedra	Mar. 21	60		20 miles from mainland.
On vessels:				
Steamship Coppename	Mar. 19	1		At New Orleans from Puerto Barrios, Guatemala.
U. S. Naval Hospital ship Mercy	Apr. 1	1		At St. Thomas, Virgin Islands, from Culebra, P. I. Patient had been in Jamaica, W. I., two weeks previous. Case reported as alastrim.
S. S. Torres	Jan. 14	1		At New Orleans quarantine station from Tampico, Mexico, via ports. Case in seaman signed on at Galveston, Tex., on outward voyage.
S. S. Tupper	Jan. 20-26	1		At Gonaives, Haiti.
S. S. Vasari	Dec. 31	1		At Trinidad, West Indies, from Buenos Aires, Argentina. Vessel left Buenos Aires, Dec. 15, 1923, for New York, via Santos, Rio de Janeiro, Trinidad, Barbados.
Sch. Annie M. Parker	Jan. 23	3		At sea. Vessel abandoned and crew removed to vessel bound for Rotterdam. Patients removed at Liverpool. Feb. 28, bound for Newfoundland.

### TYPHUS FEVER.

Algeria:				
Algiers	Nov. 1-Dec. 31	7	3	
Do	Jan. 1-Mar. 10	11	5	
Bolivia:				
La Paz	Oct. 1-Dec. 31	43	5	
Do	Jan. 1-Feb. 29	16	1	
Brazil:				
Porto Alegre	Feb. 24-Mar. 1		1	
Bulgaria:				
Sofia				Nov. 18-Dec. 15, 1923: Paratyphus fever, cases, 17. Jan. 6-Feb. 9, 1924: Paratyphus fever, cases, 0.
Canary Islands:				
Teneriffe	Jan. 14-Feb. 17		2	
Chile:				
Antofagasta	Dec. 2-8	4		
Concepcion	Oct. 1-Nov. 30		4	Dec. 11-24, 1923; Deaths, 3.
Do	Jan. 8-Feb. 25	2	3	In district, at 12 localities, 92 cases.
Iquique	Jan. 20-26		1	
Talcahuano				Dec. 5, 1923: 3 cases under treatment. Jan. 12, 1924: 1 case under treatment.
Do	Jan. 31-Feb. 23	4		
Valparaiso	Nov. 25-Dec. 15		29	Dec. 24, 1923: In hospital, 34 cases.
Do	Dec. 30-Mar. 15		44	Reports from two districts of the Province of Valparaiso.

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

**Reports Received from December 29, 1923, to April 25, 1924—Continued.**

**TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Antung.....	Nov. 12-Dec. 30..	5		
Chungking.....	Nov. 18-24.....			
Do.....	Dec. 16-29.....			Present.
Do.....	Dec. 30-Feb. 16..			Endemic.
Chosen:				Do.
Chemulpo.....	Feb. 1-29.....	1	1	
Seoul.....	do.....	30	1	
Czechoslovakia.....				Oct.-Dec., 1923: Cases, 21.
Danzig-Polish frontier:				
Mühlbanz.....	Mar. 6.....			Present. Origin stated to be focus at Mallinia.
Ecuador:				
Quito.....	Nov. 1-30.....	14	1	
Egypt:				
Alexandria.....	Nov. 19-Dec. 23..	3		
Do.....	Jan. 8-Mar. 18..	6		
Cairo.....	Sept. 10-Dec. 31..	39	11	
Esthonia.....				Nov. 1-30, 1923: Paratyphus fever, cases, 8. Dec. 1-31, 1923: Typhus fever, cases, 15; paratyphus, cases, 4. January, 1924: Paratyphus fever, cases, 6. Dec. 1-15, 1923: Paratyphus fever, cases, 15. Feb. 15-29, 1924: Paratyphus, cases, 7.
Finland.....				
Germany:				
Coblentz.....	Jan. 27-Feb. 2.....	1		
Greece:				
Athens.....	Jan. 11-Feb. 20..		7	
Saloniki.....	Nov. 26-Dec. 30..	7	3	
Hungary:				July 1-Aug. 31, 1923: Cases, 24.
Budapest.....	Jan. 27-Mar. 15..	23	7	
Java:				
East Java—				
Soerabaya.....	Dec. 9-29.....	12		
Do.....	Dec. 30-Jan. 5.....	2		
Latvia.....				Oct. 1-Dec. 31, 1923: Cases, 22; paratyphus fever, 12; recurrent typhus, 3. Jan. 1-31, 1924: Cases, 35.
Lithuania.....				Year 1923: Cases, 819; deaths, 860. Recurrent typhus, 13 cases.
Mexico:				
Durango.....	Dec. 1-31.....		2	
Do.....	Jan. 1-Feb. 29..		3	
Guadahuajara.....	Jan. 27-Mar. 29..	2	3	Feb. 1-29, 1924: Cases, 2; deaths, 1.
Mexico City.....	Nov. 25-Dec. 29..	86		Including municipalities in Federal District.
Do.....	Dec. 30-Mar. 15..	61	8	Do.
San Luis Potosi.....	Jan. 17-23.....		1	
Torreon.....	Feb. 1-Mar. 31..		6	
Netherlands:				
Amsterdam.....	Mar. 2-8.....	2		
Norway:				
Stavanger.....	Dec. 25-31.....	1		
Palestine:				
Jaffa.....	Jan. 1-Feb. 26..	4		
Jerusalem.....	Feb. 19-28.....	2		
Persia:				
Teheran.....	Sept. 24-Oct. 23..		1	
Poland.....				Sept. 23-Dec. 31, 1923: Cases, 947; deaths, 92; recurrent typhus, cases, 67; deaths, 1. Jan. 1-5, 1924: Cases, 129; deaths, 11. Recurrent cases, 6. Jan. 6-19, 1924: Cases, 341; deaths, 26. Recurrent fever, cases, 18.
Portugal:				
Oporto.....	Jan. 27-Feb. 2.....	2		
Rumania:				
Kishineff District.....	Nov. 1-Dec. 31..	15		
Russia:				
Ukraine.....				Aug. 1-Sept. 30, 1923: Cases, 768. Recurrent typhus: cases, 2,367.

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

Reports Received from December 29, 1923, to April 25, 1924—Continued.

## TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Spain:</b>				
Barcelona.....	Nov. 29-Dec. 12.....		2	
Do.....	Jan. 3-Feb. 13.....		5	
Madrid.....	Dec. 1-31.....		7	
<b>Syria:</b>				
Damascus.....	Jan. 27-Feb. 2.....	1		
<b>Tunis:</b>				
Tunis.....	Feb. 5-11.....	1		
<b>Turkey</b>				
Constantinople.....	Nov. 11-Dec. 29.....	15	1	
Do.....	Dec. 30-Feb. 23.....	8		
<b>Union of South Africa</b>				
Cape Province.....				Dec. 1-31, 1923: Cases, 41; deaths, 5.
Do.....				Oct. 1-31, 1923: Colored, 287 cases, 58 deaths; white, 2 cases; total, 289 cases, 58 deaths. Jan. 1-31, 1924: Cases, 196; deaths, 25 (colored). Among white population 3 cases. Total cases, 199; deaths, 25.
Do.....				Oct. 1-31, 1923: Colored, cases, 245; deaths, 47.
Natal.....				Jan. 1-31, 1924: Cases, 93; deaths, 11. Feb. 24-Mar. 1, 1924: Outbreaks.
Do.....				Oct. 1-31, 1923: Colored, cases, 4; deaths, 3.
Do.....	Oct. 28-Nov. 3.....			Outbreaks.
Durban.....	Nov. 24-Dec. 1.....	73		Jan. 1-31, 1924: Cases, 81; deaths, 11. Feb. 24-Mar. 1, 1924; Outbreaks.
<b>Orange Free State</b>				
Do.....				Cases occurring among native stevedores in the harbor area of the port and confined to one barracks.
Kroonstad District.....	Jan. 20-26.....			Oct. 1-31, 1923: Colored, cases, 25; deaths, 8. Feb. 24-Mar. 1, 1924; Outbreaks.
<b>Transvaal</b>				
Do.....	Jan. 1-31.....	5	1	Jan. 1-31, 1924: Cases, 17; deaths, 3.
Johannesburg.....	Oct. 1-Dec. 31.....	3	4	Outbreaks on two farms.
Do.....	Jan. 6-Feb. 16.....	7		Oct. 1-31, 1923: Colored, cases, 13.
Potschefstrom District.....	Jan. 20-26.....			Outbreaks on seven farms.
<b>Venezuela:</b>				
Maracaibo.....	Dec. 16-22.....		1	
Do.....	Feb. 17-Mar. 1.....		2	
<b>Yugoslavia:</b>				
<b>Croatia—</b>				
Zagreb.....	Dec. 2-15.....	3		
Do.....	Feb. 17-23.....	1		
<b>Serbia—</b>				
Belgrade.....	Nov. 25-Dec. 1.....	1		

## YELLOW FEVER.

<b>Brazil:</b>				
Pernambuco City.....	Nov. 16.....	3	2	