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KEEPING TAB ON SICKNESS IN THE PLANT.

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FOREWORD.

Industry to-day is spending hundreds of thousands of dollars for industrial hygiene, often largely on "general principles." Certain manufacturing plants are paying specialists as high as \$400 a day to review their working conditions. Others are paying from \$100 a day to \$1,000 a week just in order to know the hazards which may affect their output through injuries to their workers, and many other establishments for the first time are spending large sums to make their factories healthy places in which to work. Industrial hygiene is making a tremendous appeal because it is being realized that it is based not simply on altruism but also on good business principles. It is popular because it pays. It is not a reflection on the spirit which prompts these expenditures to say that for the majority of plants much of this investment is spent somewhat blindly. On general principles the industrial physician recommends that the factory should be well lighted and well ventilated, have sanitary conveniences, that the processes of manufacture should not expose the workers to injurious substances or gases, and that excessive fatigue should be avoided. "These general principles are admittedly safe and sound, and when put into practice will and do improve the health of the worker, increase his efficiency, his production, and his earnings.

It is also sound business policy to see that these large sums of money are spent so as to secure the best possible results. But best results are obtained only with knowledge of the conditions causing ill health peculiar to each specific factory and to each particular occupation or department in the factory. Rarely is it possible to deal effectively with peculiar conditions by general measures.

The up-to-date plant manager has a right to demand a method for discovering specific conditions in his factory which cause ill health. Factories ordinarily do not have men capable of analyzing correctly the sickness situation in each plant. Even industrial physicians

can not hope to discover all the conditions which are reacting unfavorably on health. A knowledge of what sickness occurs, and of when, where, and how it occurs, is to be obtained authoritatively only by the statistical method. The industrial physician who wishes to spend his appropriation wisely should first of all keep tab on the sickness occurring in his establishment, and then analyze thoroughly from time to time the statistical information he accumulates.

In a recent publication,¹ the United States Public Health Service presented a tentative standard plan for recording and reporting disabling sickness in industrial establishments. This plan was the result of considerable study by the Public Health Service in cooperation with a committee of the American Public Health Association. It is desired in the following pages to point out what the advantages of sickness statistics would be to the administration of industrial hygiene and to its study.

I. The Necessity for Sickness Records.

It is in the interest of the employer to ascertain whether or not the rate of sickness in his establishment is high or low or normal, and to know what conditions, if any, are causing ill health among his employees. It is in the interest of the employee, also, to know which working conditions are, and which are not, injurious to his physical well-being, for good health is obviously a fundamental asset of the worker in the struggle to provide adequately for himself and his family. Being the first requisite for the performance of efficient work, the health of the worker is highly important from the standpoint of the employer.

It is easy to see that ill health means tremendous losses both to employer and employee. It is only through contemporary statistics that we can gain a conception of the magnitude of these losses. Unfortunately, sickness statistics are at present very incomplete and fragmentary, but some studies of the subject have been made. In 1915-1917 sickness surveys were made in various localities by the Metropolitan Life Insurance Co. A summary of their statistics as printed in the Public Health Reports of April 18, 1919 (p. 778) shows the average annual loss of working time occasioned by disabling sickness to be 6.9 days. With about 40,000,000 wage earners in this country, such sickness would approximate 276,000,000 working days annually, or the loss from production continuously of the labor of about 1,000,000 wage earners. "This means," as one of the writers has stated before, "a wage loss only, and does not take into consideration those other losses through the slowing up of processes which depend upon the continuous performance of the skilled laborer, nor

¹ "Sickness Records for Industrial Establishments," Reprint No. 573 from the Public Health Reports of Nov. 14, 1919.

the overhead charges of supervision and operation which continue whether or not the workers are present," nor the labor turnover occasioned by sickness, nor the impaired efficiency generally preceding and following complete disability.

There can be no doubt that every manager is eager to bring these losses down to the minimum, just as every worker, for the sake of himself and his family, is anxious to avoid getting sick. The management of many plants has recognized the principle that the preventable illness of employees is a leakage which proper factory health administration can cope with and control; but the principle they do not seem to grasp is, the simple proposition that accurate, current information as to the occurrence of sickness and as to the conditions under which disease prevails in specific factory buildings, departments, occupations, or processes in the plant is essential for correct determination of the sources of trouble and of the relative importance of measures designed to ameliorate unsatisfactory conditions. Scores of plants that have spent and are still spending thousands of dollars for sanitary improvements have not spent one cent for the statistics that would furnish the accurate information oftentimes indispensable for intelligent action in coping with the problems that affect the health and life of the industrial worker. The collection of information to ascertain the causes of and to locate the responsibility for the sickness occurring has been completely ignored.

Yet it is difficult to see how the prevention of disease among industrial workers can be accomplished with scientific accuracy and properly directed effort without a current index of the health of the workers such as a properly administered system of morbidity statistics would afford. What is needed is statistical knowledge of the reactions to and the consequences of varying plant conditions. Such knowledge can not be obtained with any degree of accuracy unless carefully thought-out records are installed and maintained under proper supervision.

In the past not much attention has been given to the need for facts concerning the sickness problems of industrial establishments. Cases of illness have to some extent been recorded, but not in such a way as to permit analysis with respect to sex, age, occupation, and other important conditions of physical status and environment of the persons concerned. Even in those establishments where the medical service is of an efficient type and where the records are kept in a businesslike and accurate manner, the chief factors are not recorded in such a way as to be expressed in rates based on the number of employees exposed.

It is heartening, however, to observe at present a well-defined movement for keeping records of sickness and for making them available for the study of industrial hygiene. There is a growing tendency

among progressive managers to keep some sort of record of the sickness that occurs among their employees. This is evidenced by the requests for information and the general willingness of establishments to cooperate with the Public Health Service in the work of collecting morbidity statistics. Many plants have instituted medical or nursing service, or both, and from the reports of their physicians and nurses have devised various forms of records for sickness. Among health officials, and more particularly among those who are interested in statistics of sickness and of the prevalence of various diseases, the need for facts as to illness among industrial employees has long been felt.

It may appear to some that sickness records are unnecessary for plants having sanitary work places and no injurious processes or occupational hazards. Such an attitude is unjustifiable without knowledge of the sickness rates prevailing in these establishments. Under excellent conditions of work it is still possible for the frequency and severity rates of illness to be above the normal expectancy as the result of bad housing or poor drainage or defective sewerage or insanitary drinking water or other wrong living conditions, in which instance it becomes the duty of the employer to extend his activities beyond the confines of his factory or mine or store and to cooperate with municipal authorities and civic associations to right the injurious conditions responsible for the excessive disability discovered.

A specific example of the value of checking up conditions outside the industrial plant is contained in the following extract from an article by Assistant Surgeon General H. R. Carter ¹ in which he refers to Roanoke Rapids, N. C., a mill village of about 4,000 population.

"Prior to the malaria work the population was continually changing. Wages were good, work was abundant, and people came, but they developed malaria and would not stay. The mill managers estimated the efficiency of their employees at from 40 to 60 per cent during the four unhealthful months. During this time machines were constantly idle. The mill physicians, who attended employees without charge, averaged during the summer months for 1912 and 1913, 50 calls per day for malaria. During 1914, the first year of malaria work, * * * the efficiency rate rose to 90 or 95 per cent, and the average number of calls for malaria for the same months was three daily. In 1915 there was no question of efficiency to be considered—it was normal. The average of doctors' calls for malaria was one in three days.

"One of the millmen writes: 'The money spent in your campaign against malaria here gave the quickest and most enormous returns I have ever known from any investment.' It did pay in the first year from 100 to 400 per cent."

¹ "The Malaria Problem of the South." Reprint No. 552 from Public Health Reports, vol. 24, No. 34, Aug. 22, 1919.

Furthermore, how can one tell what is and what is not a hazard to health without a measurement of effects? Doubtless there are a number of harmful conditions in industry that have not yet been generally recognized as such. An industrial health hazard should be interpreted to mean any working condition which is responsible for or contributes to physical injury or illness, including the presence of poisonous fumes, vapors, gases, liquids, and most factory dusts; excessive heat, cold, and humidity; the handling of materials known to retain or suspected of retaining harmful bacteria; the frequent lifting of heavy weights, long hours of labor, muscular strain, and like conditions which predispose workers to disease. Though not very much is known about health hazards in the various trades, it is safe to say that they are numerous. It is alleged, for instance, that there are over 600 branches of industry where poisonous fumes, gases, or liquids are present, and more than 65 industries in which dust is a menace to health. There are an unknown number of processes where fatigue is the result of muscular strain, and where organic weakness of the workers, often unknown to them, increases susceptibility to occupational disease. In view of this situation is it not advisable to know the effect on health of varying plant and municipal conditions? Is it not desirable to keep a record of sickness so as to enable the management to keep its finger continuously on the pulse of the plant? When the cost of information is so relatively slight, what objection is there to provision for the veritable barometer of health which morbidity statistics create?

II. What Sickness Records Will Show.

Properly kept and carefully analyzed records of sickness will reveal to the management and to the operatives those facts which are essential for effective measures of control. Specifically, what facts will the proper sickness record tell? Permit an answer to this query by the use of an illustration:

Suppose a certain industrial establishment—it matters not what kind—learns, by recording its cases of disabling sickness, that the time losses due to illness among its employees approximate six working days per worker per year. According to the findings of the Metropolitan surveys mentioned previously in this article this rate of sickness is fairly normal. Apparently the health status in the plant and community where the workers live is above the average. But does the sickness rate for the plant as a whole tell the whole story? Patently it does not, for it is entirely possible that the illness rate applying to the plant may even be fairly low, while the rate in some particular occupation or department is amazingly high. Sup-

pose the plant in question employs 2,000 persons. We should find that the general sickness rate for the total number employed is affected to no appreciable extent by a very high morbidity rate in one occupation or department engaging only 20. For adequate information a smaller unit than the plant as a whole is indispensable. Generally the most satisfactory unit is the occupation, although occupations which include workers engaged in processes having different health hazards should be subdivided; molders, for example, under the circumstances usually obtaining, ought to be subdivided, as brass molders, gray-iron molders, and malleable-iron molders. Sometimes classification by departments is best, as when the hazard is not involved in the occupation, but is due to departmental or work-room conditions, such as inadequate lighting or poor ventilation.

Assuming that the factory under discussion has kept sickness records on the basis of occupation, what can we learn from the sickness statistics for the occupation in which disability is found to be excessive? The first questions should relate to the character of the personnel. Are the majority of the workers in the occupation male or female? Are they advanced in years? If most of the workers are men in the vigorous period of life, manifestly it is necessary to seek further for the explanation of their abnormal illness experience.

The sickness records should show what preventable diseases are causing disability among the workers. Suppose in this instance that the high rate of illness in the occupation in question is due in large measure to a startling amount of respiratory diseases, and that the frequency of digestive disorders is excessive. Let us now turn from effects to causes. Are the sources of trouble to be discovered in conditions incident to life in the community or are there deleterious working conditions in the factory? Since relatively few workers in other occupations of the establishment experience respiratory or digestive disorders, obviously the causes are not to be found in the community at large nor in general factory conditions, but can be assigned to the hazards prevailing in the one occupation where the disease rate is high. The existence of respiratory diseases suggests the inhalation of deleterious factory dusts as a possible cause of illness. If harmful dusts are a feature of the process and if the workers in the occupation are not protected from this hazard, then the removal of dust particles from the air by mechanical means or their prevention by wet processes or modification of the present process or the use of respirators if it is impossible to prevent or remove the dust, is suggested as the means of disease control in this instance. If dust is not a feature of the manufacturing process and if the absence of a dust hazard is scientifically determined, as by a dust analysis, then the causes of respiratory illnesses must be un-

covered by further investigation. Is dampness or darkness a feature of the workplace? Is the ventilation good? Are the workers exposed to heat or cold or alternating heat and cold, or to drafts? Is the atmosphere contaminated with escaping gases or fumes? Are consumptives at work in the midst of others? Are room temperatures kept too high and is the air too dry in winter? When the answers to questions like these are determined, the sources of hazard in all probability will have been discovered. Only the question of remedy then remains. Perhaps the nature of the hazard itself will readily suggest the appropriate means of protection, or the need for some comprehensive program of correction may appear.

A similar analysis of conditions may reveal the causes of digestive diseases among the workers in the occupation. Do the men have a proper place in which to eat lunch? Is the noon recess too short? Are the lunches eaten cold? Or are "grease joints" near the plant patronized at noon? Are there nauseating odors in the workroom? Is the drinking water pure?

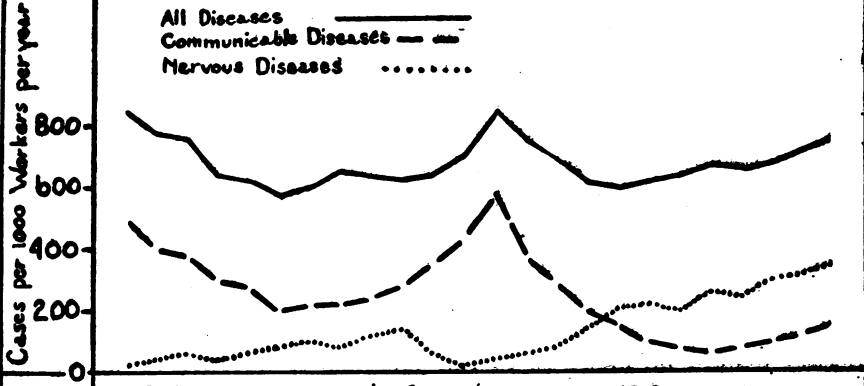
Should an increase in communicable diseases occur at any time, inquiry should be made as to the presence or absence of cuspidors, the extent of spitting upon dusty floors, the adequacy of washing facilities, the cleanliness of toilets, the common use of towels or drinking cups, the promiscuous handling of wiping rags, dry sweeping during working hours, the crowding together of workers, and other possible causes of transmission of infection; such inquiry is expected to bring health hazards to light, and make evident the need for specific preventive measures to reduce disease prevalence.

It should be understood, of course, that in the above illustration no attempt is being made to present all the possible factors responsible for occupational diseases, nor to indicate all the preventive measures designed to eliminate or reduce to a minimum the sickness existing among industrial workers; the illustration is offered simply to suggest a method of analyzing sickness records for the purpose of uncovering causes, finding remedies, and increasing the working efficiency and personal comfort of employees.

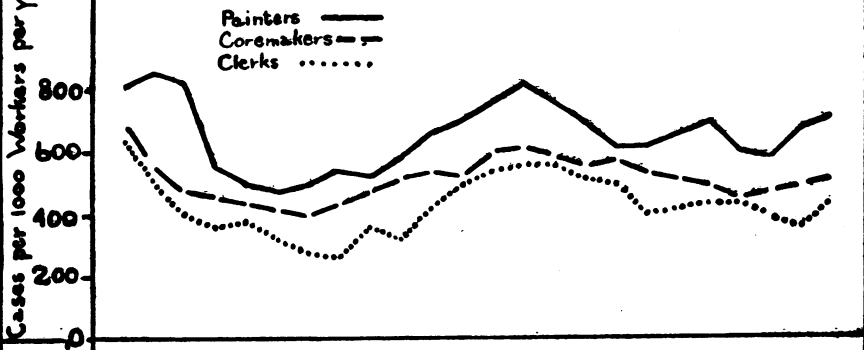
The most satisfactory method of comparing sickness rates for different occupations from month to month, and of observing the relative frequency and severity of different sorts of disease, is by graphic representation. Graphs or charts furnish a clear conception of general tendencies over a fairly long period of time and bring out the mathematical relationship of the factors compared. The accompanying chart suggests the sort of comparisons that could be made to advantage in studying the changes in disease occurrence in any industrial establishment. The graphs presented are entirely hypothetical and do not at all represent any known situation, but will

HYPOTHETICAL GRAPHS TO ILLUSTRATE METHOD OF ANALYZING SICKNESS STATISTICS

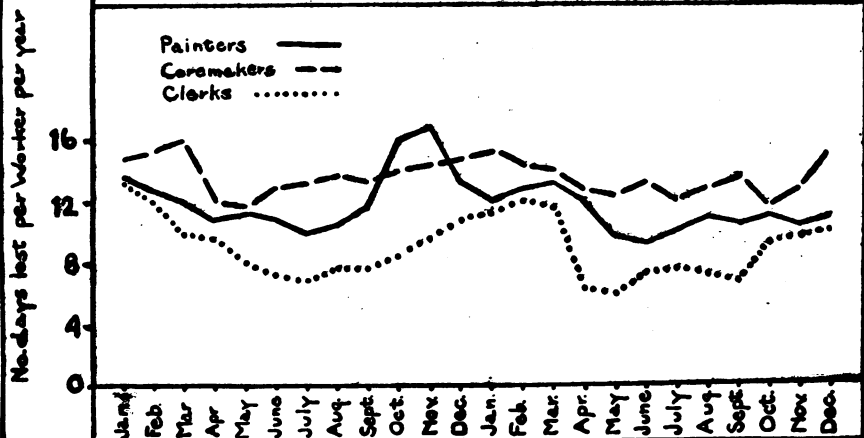
1. Sickness Frequency by Kind of Disease, 1918 and 1919



2. Sickness Frequency by Occupations During 1918 and 1919



3. Sickness Severity by Occupations During 1918 and 1919



suffice for the purpose of suggesting what facts it is desirable to observe in graphic form.

The accompanying chart, though hypothetical, may be briefly analyzed to advantage for the purpose of making clear how certain interesting points can be brought out by graphic portrayal. The line, for instance, representing all diseases contracted by workers in the factory, exhibits no general tendency or trend; disease, therefore, is neither increasing nor decreasing. There is, however, a rather well-defined seasonal variation, the peak of sickness in both years being reached in midwinter, and the period of least illness in early summer. The line representing communicable disease shows that apparently some major epidemic occurred near the end of 1918, reaching its crest in January, 1919, and that after the epidemic had spent itself the frequency of communicable diseases became relatively very low. As regards nervous diseases, there is a well-defined upward trend after December, 1918, or January, 1919, which suggests that at the beginning of the new year some change of policy, such as shifting from an hourly to a piece-work basis of pay, or speeding up, may have caused the marked increase in nervous troubles.

Comparisons of sickness frequency and severity by occupations, as shown, locate the places where good and bad health prevail, and can be made the basis for cooperation between the management and the workers for the improvement of harmful conditions whether they exist inside or outside the boundaries of the plant. The inclusion of clerks among the occupations is intentional—to suggest the possibility of using this occupation as a standard of comparison on the supposition that the clerical worker, being usually unexposed to health hazards, ought generally to represent the normal sickness expectancy.

In preparing charts such as the accompanying one it is usually advisable to plan a time period of at least two years so that the rates in one year can be compared with those in the preceding year. Thus, at the time of installing sickness records, a chart could be outlined for two years in advance and the graphs could be drawn to date periodically until the time has elapsed. This arrangement usually eliminates the necessity for statistical reports showing the figures by weeks or by months. The executive when once accustomed to the use of graphs will find them a great convenience, because they enable the mind to grasp the facts quickly and easily. It is pertinent to add that graphic methods of self-analysis, even when applied to disabling illness, give promise of uncovering hitherto unsuspected and unnecessary costs arising from occupational hazards.

III. What the Federal Government Will Do to Aid in Establishing Systems of Sickness Records.

The United States Public Health Service hopes to aid in the task of keeping tab on sickness in industrial establishments in the following manner, and for the purposes stated below:

1. To assist any plant (*a*) in devising forms specially suited to the plant, and yet conforming to certain *standard* requirements for recording sickness, and (*b*) in analyzing the records whenever such analysis may lead to an improvement in working conditions and the lessening of the losses due to sickness.

2. To receive regular reports from such plants as may establish systems of sickness records that conform to standard requirements, and to tabulate, analyze, and publish these reports.

3. In certain instances, to tabulate and analyze the sickness records in detail for the purpose of presenting the sickness experience according to sex, age, occupation, or other recorded conditions which may influence the illness rate.

In other words, it is hoped that service may be rendered in two general ways: (*a*) To assist plants in keeping and interpreting sickness records for their own use, and (*b*) to render the experience of these plants available for each other, as well as for any plant or individual interested in the prevention of sickness among wage earners.

It should be understood that in any publication of these statistics the identity of no plant will be divulged without the consent of the plant concerned.

The tentative forms presented in the earlier paper already referred to will doubtless need modification to fit the conditions that are peculiar to individual plants, and for this reason it is hoped that establishments or sick-benefit associations contemplating the collection of information concerning the disease prevalence will take up the question of sickness records and reports with the Statistical Office of the United States Public Health Service, 228 First Street NW., Washington, D. C., either by personal conference or by correspondence, with the view of establishing active cooperation. For it is only through cooperative and coordinated effort that comparable sickness statistics can be accumulated and put to use for mutual benefit.

A UNIVERSITY COURSE IN INDUSTRIAL HYGIENE.

SYLLABUS OF A LECTURE COURSE IN INDUSTRIAL HYGIENE AS GIVEN AT THE UNIVERSITY OF CALIFORNIA.

By Prof. ROBERT T. LEGGE, M. D., F. A. C. S., Berkeley, Calif.

For the past six years the department of hygiene of the University of California has provided a two-unit lecture course in industrial hygiene, during the spring semester, consisting of 28 lectures, supplemented with readings and surveys. The instruction is as practical and definite as it is possible to make it, fully illustrated by diagrams and lantern demonstrations. Students are advised to visit industrial plants for the purpose of observation and criticism. Two mid-term examinations and a final written examination are required for passing the course. This course is well attended by students in economics, engineering, and forestry, and by others interested in industry who have had previous courses in academic hygiene. The subject matter is treated in four parts so as to group the material specifically. To obviate repetition or overlapping of problems in sanitation or diseases that are fully discussed under Part I, they are only referred to if correlated with Part II.

PART I.—Temporary Industrial Centers: Mining, Lumber, Railroad, and Military Camps.

1. *Introductory remarks.*—The history and rise of industrial hygiene; its scope. The future of industrial medicine and surgery.

2. *Sanitation of camps.*—Temporary industrial and military camps. Location of sites; topography, from standpoint of water, drainage, and waste disposal. Camp layouts.

3. *Water.*—Sources of supply. Wells. Purification of water. Permanent and temporary projects. Dangers. Tests.

4. *Waste disposal.*—Dangers of soil pollution by fecal matter. Latrines and sanitary privies. Septic tanks. Garbage and manure disposal. Necessity for camp cleanliness. Incinerators of different types (illustrated).

5. *Housing.*—Tents. Bunk houses. Mess houses. Baths. Barns and corrals; relative importance of proper location. Sanitation, etc.

6. *Food.*—Well-balanced diet. Dangers from human and fly contamination. Food preserving. Diseases due to improper food and disease transmission through food handlers. Supervision of food, etc.

7. *Insects as disease carriers.*—Life history of the fly; prevention of breeding; means of destruction—flytraps and other measures. Bedbugs, lice, and fleas. Diseases transmitted by these insects and their economic relations to industry. Disinfection of beds and buildings. Delousing.

8. *Mosquitoes*.—As disease carriers of malaria and yellow fever. Life history of these insects. Difference between the varieties. Historical review of the discovery of these insects as carriers. Mosquito control. Treatment of human carriers.

9. *Other camp enemies*.—Hookworm, venomous reptiles, poison oak and ivy, the venereal and human-carrier perils.

10. *Camp diseases*.—Typhoid and other gastro-intestinal diseases. Respiratory and other communicable infections. Value of vaccination. Newer conception of isolation. Isolation quarters.

11. *Mining*.—Mine gases: Explosions; prevention. Rescue and resuscitation methods.

PART II.—Factory and Occupational Hygiene.

12. *Factory*.—Factory history. Types of shops. The modern factory. Sites. Description. Interiors. Standards for toilet, drinking, and washing facilities. Disposal of factory wastes.

13. *The worker*.—Women in industry. Child labor. Necessity for personal hygiene. Clothing. Care of the teeth and skin.

14. *Industrial physiology*.—The human machine. Fatigue. Muscular tonus. Rhythm in industry. Overwork. Output. Rest. Day and night work. Men versus women in industry. Economic relations.

15. *Industrial lighting*.—Artificial and natural lighting. Consequences of defective lighting. Need for supervision. Standards. Excessive light. Eyestrain. Preventive measures.

16. *Ventilation*.—Physiology. Recent research. Air changes produced by human beings. Harmful effects of stagnant air, high temperature, and humidity. Standards. Mechanical ventilation. Dust removal. Excessive heat. Sunstroke and heat exhaustion. Use of instruments: Psychrometer, anemometer, and thermostats.

17. *Special occupational disorders*.—Disorders of the eyes and ears. Dermatic disorders. Results of fatigue. The neuroses, occupational cramps, etc. Effects of heat and cold. Postural defects. Effect of special mechanical appliances such as the air hammer and other tools. Processes involving exposure to occupational infectious diseases, such as anthrax.

18. *Toxic gases, fumes, and vapors*.—Ammonia, aniline, benzol and benzine, chlorine, methyl alcohol, carbon monoxid and dioxid, sulphur dioxid, "dope" poisons, phosphorus, T. N. T., soot. Symptoms and prevention.

19. *Toxic metals*.—Lead, mercury, arsenic, chrome, brass, etc. Symptoms and prevention.

20. *Dusty trades*.—Classification of dusts. Effects of dusts upon the skin and lungs. The tuberculosis problem. Morbidity and mor-

tality statistics. Determination of amounts of dust. Prevention: Use of mechanical appliances, wet and electrical processes. Discussion of exhaust devices; respirators. Importance of medical examination of employees.

21. *Occupational diseases due to harmful environment.*—Caisson disease. Divers and submarine operators. Aviators and high altitude. Symptoms and prevention. Decompression chambers for tunnel workers. Explosives. Gas warfare. Electrical shock. Rescue methods. Artificial respiration.

PART III.—Industrial Accidents and Safety Measures.

22. *Accident prevention.*—The personal factor in accident causation. Relation to age, sex, ignorance, physical unfitness, carelessness, overcrowding, poor illumination, unsuitable clothing, defective machinery and structures. Falling. Unclean conditions. Monotony of work. Speeding and long hours.

23. *How to organize for safety.*—Safety committees. The duty of the employer and employee.

24. *Safety measures.*—Special problems of certain industries. Safeguards in general. Safety devices for the worker. Statistics.

25. *Factory fires.*—Origin and spread of fires. Control and prevention of fires. Loss of life due to fires. Fire escapes. Fire drills. Rescue. Burns.

PART IV.—Health Supervision, Welfare Work and Workmen's Compensation.

26. *Medical supervision.*—Purpose and advantages. Dispensary and hospital facilities. Medical and dental service. Public health nurse. First-aid stations and instruction. Physical examination of employees. Accident records.

27. *Welfare work.*—The sociology of industry. Factory inspection. Rest and locker rooms. Baths. Restaurants. Recreational activities. Community and home conditions. Reclaiming the tuberculous and the cripples of industry.

28. *Workmen's compensation.*—Legislation for prevention of occupational diseases. Notifiable diseases. Health insurance. Reports.

THE SEAMEN'S SERVICE CENTER OF NEW YORK CITY IS OPENED.

The Seamen's Service Center of New York City, directed by the United States Public Health Service in cooperation with the American Red Cross, was established for the purpose of assisting merchant-marine seamen entering the port of New York.¹ It has recently

¹ For a more complete account of the Center, its aims and purposes, see Public Health Reports, Jan. 9 1929, pp. 65-69.

issued a small pamphlet addressed to the "Seamen of All Flags," extending to them an invitation to make the Center their headquarters while they are in port and setting forth a brief review of the facilities which are afforded. The pamphlet is to be distributed by various means to the seamen arriving in port. The following is a copy of the text it contains:

Merchant Seamen of All Flags.

The Seamen's Service Center has been established for your benefit, comfort, and convenience. You are cordially invited to make it your headquarters while at the port of New York.

It is directed by the United States Public Health Service, in cooperation with the American Red Cross, and will endeavor to provide a long felt need. It is a club as well as a bureau of information and advice. A place to drop in to write a letter, read a paper, or meet your friends. You may use the Center as a New York address for mail, etc.

The American Library Association maintains a Merchant Marine Branch at the Center for your use while ashore.

Medical officers of the United States Public Health Service will be stationed at the Center to examine you, when in need of medical attention or advice. They will talk over anything concerning your general health, sex matters, venereal diseases, etc., and will send you, if necessary, to the proper hospital or clinic.

If you are ill in a hospital or boarding house, have some one telephone the Center (Broad 7777-7778) and a nurse will visit you. She will see that your affairs are taken care of while you are ill and will arrange convalescent care for you until you are ready to ship.

When in need of legal advice or assistance concerning business matters in general, come to the Center and you will be steered to the person who will help you solve your problem.

The Center is open day and night, and is located at 21 Coenties Slip, New York City, between South and Front Streets, and is easily reached by all elevated, surface, and subway lines.

Seamen of all flags are entitled to the service of the Center without charge.

CARD FOR RECORDING EPIDEMIOLOGY OF BOTULISM.

The following card is being used in California in the epidemiological studies of botulism, in which the Public Health Service has been cooperating since December 30, 1919, with the University of California and Leland Stanford University, and the National Cannery Association.

This card is published with the idea that such a form would be of value to State and local health authorities in obtaining data in the event of future outbreaks of the disease. This card is particularly serviceable as it provides for a compilation of data relative to analogous outbreaks in domestic animals.

EPIDEMIOLOGY OF BOTULISM.			
No.....		County.....	Town.....
Series.....			
CLINICAL DATA.			
Name.....	Age.....	Sex.....	
Residence.....	Occupation.....	Address.....	
Date of onset.....	Name and address of physician.....		
Present status.....	Diagnosis.....	Date seen.....	
Symptoms.....	Recovery.....	Died.....	
Treatment of recovered cases.....			
Serum treatment, if any.....			
Autopsy.....	Date.....	If coroner's case, state.....	
By whom.....			
Anatomical findings.....			
Laboratory examination.....			
EPIDEMIOLOGY.			
Causative meal.....	Date.....		
Causative food factors.....	Taste.....	Description.....	
Home or factory canned.....	How.....	Date.....	
Approximate amount consumed.....			
Laboratory examination.....			

The reverse side of the card is as follows:

ANIMAL INTOXICATIONS.	
Animals on premises.....	
Number of horses affected.....	Feed.....
Number of cattle affected.....	Feed.....
Number of hogs affected.....	Feed.....
Number of chickens affected.....	Feed.....
Number of turkeys affected.....	Feed.....
Date of illness.....	Symptoms.....
Number of deaths.....	
Autopsy.....	By whom..... Date.....
Anatomical findings.....	
Laboratory examination.....	
REMARKS.	
.....	

DEATHS DURING WEEK ENDED MAR. 27, 1920.

[From the "Weekly Health Index," Mar. 30, 1920, issued by the Bureau of the Census, Department of Commerce.]

Deaths from all causes in certain large cities of the United States during the week ended Mar. 27, 1920, infant mortality (per cent), annual death rates, and comparison with corresponding week of preceding years.

City.	Population July 1, 1918, estimated.	Week ended Mar. 27, 1920.		Average annual death rate per 1,000. ²	Per cent of deaths under 1 year.	
		Total deaths.	Death rate. ¹		Week ended Mar. 27, 1920.	Previous year or years. ³
Albany, N. Y.	113,344	32	14.7	C 20.4	12.5	C 18.2
Atlanta, Ga.	201,732	76	19.6	C 16.0	11.8	C 8.1
Baltimore, Md.	669,981	235	18.3	A 22.2	14.0	A 14.7
Birmingham, Ala.	197,670	67	17.7	A 18.2	19.4	A 13.2
Boston, Mass.	785,245	268	17.8	A 18.0	14.9	A 15.4
Buffalo, N. Y.	473,229	174	19.2	C 19.8	22.4	C 16.7
Cambridge, Mass.	111,432	44	20.6	A 16.2	15.9	A 14.8
Chicago, Ill.	2,596,681	721	14.5	A 17.3	18.3	A 17.9
Cincinnati, Ohio.	401,158	132	17.2	C 19.5	13.6	C 12.0
Cleveland, Ohio.	810,306	220	14.2	C 13.9	13.2	C 10.3
Columbus, Ohio.	225,296	67	15.5	C 15.3	6.0	C 13.6
Dayton, Ohio.	153,830	43	14.6	C 16.4	16.3	C 22.0
Detroit, Mich.		265			21.1	
Fall River, Mass.	129,392	36	14.6	C 17.9	25.0	C 34.1
Grand Rapids, Mich.	135,450	37	14.2	C 13.1	13.5	C 5.9
Indianapolis, Ind.	290,389	101	18.1	C 18.7	8.9	C 15.4
Jersey City, N. J.	318,770	83	13.6	C 22.7	18.1	C 15.1
Kansas City, Mo.	313,785	111	18.4	C 27.3	12.6	C 8.5
Los Angeles, Calif.	568,495	186	17.1	A 13.7	13.4	A 11.6
Louisville, Ky.	234,891	80	17.8	C 20.6	12.5	C 11.5
Lowell, Mass.	109,081	44	21.0	A 18.3	27.3	A 19.6
Memphis, Tenn.		49		C 27.6	4.1	C 7.3
Milwaukee, Wis.	457,147	126	14.4	A 16.1	19.0	A 22.3
Minneapolis, Minn.	383,442	100	13.6	C 12.9	10.0	C 11.6
Nashville, Tenn.	118,342	42	18.5	C 21.9	14.3	C 14.0
Newark, N. J.	428,684	110	13.4	C 23.2	18.2	C 17.3
New Haven, Conn.	154,865	46	15.5	C 18.9	17.4	C 8.9
New Orleans, La.	382,273	154	21.0	A 21.9	10.4	A 11.1
New York, N. Y.	5,215,879	1,535	15.3	C 23.8	16.4	C 12.7
Omaha, Nebr.	180,264	49	14.2	C 9.5	20.4	C 9.1
Philadelphia, Pa.	1,761,371	560	16.6	18.6	15.9	14.8
Pittsburgh, Pa.	593,303	221	19.4	C 22.2	19.5	C 18.6
Portland, Oreg.		55			9.1	C 16.4
Providence, R. I.	263,613	105	20.8	C 27.7	20.0	C 19.3
Richmond, Va.	160,719	45	14.6	C 16.5	13.3	C 15.7
Rochester, N. Y.	264,856	86	16.9	C 15.0	15.1	C 19.7
St. Louis, Mo.	779,951	237	15.8	C 17.4	11.4	C 11.5
St. Paul, Minn.	234,595	67	14.9	C 16.8	11.9	C 14.5
San Francisco, Calif.	478,530	164	17.9	C 20.4	11.6	C 7.5
Seattle, Wash.		75			9.3	A 15.9
Spokane, Wash.		33			21.2	C 10.5
Syracuse, N. Y.	171,647	62	18.8	C 19.7	11.3	C 19.7
Toledo, Ohio.	243,109	78	16.7	A 15.3	12.8	A 17.4
Washington, D. C.	437,414	137	16.3	A 21.5	10.2	A 11.6
Worcester, Mass.	173,650	61	18.3	C 19.5	14.8	C 21.5

¹ Annual rate per 1,000 estimated population.

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

³ 1920 enumeration, subject to revision.

⁴ Population estimated as of July 1, 1919.

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

Summary of information received by telegraph from industrial insurance companies for week ended Mar. 27, 1920.

Policies in force.....	42,553,649
Number of death claims.....	10,777
Death claims per 1,000 policies in force, annual rate.....	13.2

PREVALENCE OF DISEASE.

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

UNITED STATES.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended Apr. 3, 1920.

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

ALABAMA.		CONNECTICUT—continued.	
	Cases.		Cases.
Chicken pox.....	6	German measles.....	3
Diphtheria.....	2	Influenza.....	7
Influenza.....	87	Lethargic encephalitis.....	1
Measles.....	49	Measles:	
Pneumonia.....	11	Fairfield County—Stamford.....	11
Scarlet fever.....	10	Hartford County—Hartford.....	27
Smallpox.....	48	New Haven County—	
Tuberculosis (pulmonary).....	19	New Haven.....	24
Whooping cough.....	5	Waterbury.....	8
		New London County—	
ARKANSAS.		New London.....	67
Cerebrospinal meningitis.....	1	Stonington.....	17
Chicken pox.....	31	Scattering.....	67
Diphtheria.....	8	Mumps.....	48
Influenza.....	154	Pneumonia.....	8
Malaria.....	116	Polomyelitis:	
Measles.....	54	Naugatuck.....	1
Pellagra.....	5	Scarlet fever:	
Pneumonia.....	9	Fairfield County—Bridgeport.....	9
Scarlet fever.....	20	New Haven County—	
Smallpox.....	25	New Haven.....	10
Trachoma.....	32	Waterbury.....	10
Tuberculosis.....	13	Scattering.....	42
Typhoid fever.....	2	Tuberculosis.....	28
Whooping cough.....	16	Typhoid fever.....	4
		Whooping cough.....	40
CALIFORNIA.		DELAWARE.	
Influenza.....	238	Anthrax—Wilmington.....	1
Polomyelitis:		Chicken pox.....	2
San Francisco.....	1	Diphtheria.....	5
Smallpox:		Influenza.....	1
Bishop.....	21	Measles.....	56
Los Angeles County.....	6	Pneumonia.....	1
Scattering.....	25	Scarlet fever.....	2
Typhoid fever.....	6	Tuberculosis.....	6
		Typhoid fever.....	3
CONNECTICUT.		FLORIDA.	
Chicken pox.....	14	Cerebrospinal meningitis.....	1
Diphtheria:		Diphtheria.....	5
Fairfield County—		Dysentery.....	3
Bridgeport.....	8	Influenza.....	135
Greenwich.....	7	Malaria.....	21
Hartford County—Hartford.....	7		
New Haven County—New Haven.....	8		
Scattering.....	21		

FLORIDA—continued.

	Cases.
Pneumonia.....	46
Smallpox.....	10
Typhoid fever.....	6
GEORGIA.	
Cerebrospinal meningitis.....	1
Chicken pox.....	11
Conjunctivitis (acute infectious).....	1
Diphtheria.....	5
Dysentery (bacillary).....	1
German measles.....	3
Hookworm.....	5
Influenza.....	650
Malaria.....	23
Measles.....	30
Mumps.....	7
Paratyphoid fever.....	1
Pellagra.....	1
Pneumonia.....	23
Scarlet fever.....	3
Septic sore throat.....	7
Smallpox.....	29
Tuberculosis (pulmonary).....	11
Typhoid fever.....	6
Whooping cough.....	53

ILLINOIS.

Diphtheria:	
Chicago.....	112
Scattering.....	26
Influenza:	
Chicago.....	58
Scattering.....	81
Lethargic encephalitis:	
Chicago.....	5
Elmhurst.....	1
Springfield.....	1
Pneumonia:	
Chicago.....	220
Scattering.....	15
Poliomyelitis:	
Chicago.....	1
Schuyler County—Hickory Township.....	1
Scarlet fever:	
Chicago.....	232
Rockford.....	7
Scattering.....	97
Smallpox.....	56
Typhoid fever.....	8

INDIANA.

Diphtheria:	
Elkhart County.....	9
Lake County.....	9
Scattering.....	33
Rabies in animal:	
Vanderburg County.....	1
Scarlet fever:	
Allen County.....	24
Elkhart County.....	24
Scattering.....	129
Smallpox:	
Jasper County.....	22
Scattering.....	162

IOWA.

	Cases.
Cerebrospinal meningitis:	
Des Moines.....	1
Chicken pox.....	6
Diphtheria.....	11
Influenza:	
Des Moines.....	24
Scattering.....	3
Measles:	
Council Bluffs.....	13
Davenport.....	12
Dubuque.....	10
Scattering.....	3
Scarlet fever:	
Burlington.....	9
Council Bluffs.....	11
Des Moines.....	7
Scattering.....	18
Smallpox:	
Davenport.....	11
Scattering.....	43

KANSAS.

Diphtheria.....	21
Influenza.....	121
Scarlet fever.....	57
Smallpox.....	63

LOUISIANA.

Diphtheria.....	5
Influenza.....	349
Pneumonia.....	7
Scarlet fever.....	7
Smallpox.....	70

MAINE.

Cerebrospinal meningitis:	
Franklin.....	1
Chicken pox.....	14
Conjunctivitis.....	1
Diphtheria.....	7
Influenza:	
Biddeford.....	34
Gray.....	20
Newry.....	23
Scattering.....	145
Measles:	
South Berwick.....	41
Scattering.....	9
Mumps.....	22
Pneumonia.....	26
Scarlet fever.....	19
Smallpox.....	5
Tuberculosis.....	21
Typhoid fever.....	2
Whooping cough.....	13

MARYLAND.¹

Cerebrospinal meningitis.....	2
Chicken pox.....	74
Diphtheria.....	48
Dysentery.....	1
German measles.....	1
Influenza.....	244

¹ Week ended Friday.

MARYLAND—continued.

	Cases.
Lethargic encephalitis.....	3
Measles.....	380
Meningitis.....	1
Mumps.....	29
Pneumonia (all forms).....	121
Scarlet fever.....	67
Smallpox.....	4
Tuberculosis.....	128
Typhoid fever.....	4
Whooping cough.....	39

MASSACHUSETTS.

Cerebrospinal meningitis.....	4
Chicken pox.....	69
Conjunctivitis (suppurative).....	7
Diphtheria.....	119
German measles.....	9
Influenza.....	218
Malaria.....	1
Measles.....	714
Mumps.....	180
Ophthalmia neonatorum.....	18
Pneumonia (lobar).....	97
Scarlet fever.....	330
Septic sore throat.....	2
Tuberculosis (all forms).....	211
Typhoid fever.....	8
Whooping cough.....	268

MINNESOTA.

Cerebrospina meningitis.....	2
Small pox.....	19

MISSISSIPPI.

Cerebrospinal meningitis.....	1
Influenza.....	218
Smallpox.....	79
Typhoid fever.....	4

MONTANA.

Cerebrospinal meningitis.....	1
Diphtheria.....	9
Influenza.....	13
Pneumonia.....	1
Scarlet fever.....	22
Smallpox.....	33

NEBRASKA.

Chicken pox.....	14
Diphtheria:	
Lincoln.....	10
Scattering.....	8
Influenza:	
Diller.....	17
Gering.....	1
Pawnee County.....	41
Red Willow County.....	9
Stromburg.....	18
Measles:	
Gering.....	15
Lincoln.....	77
Maxwell.....	8
McCook.....	8
Omaha.....	52
University Place.....	23
Scattering.....	23

NEBRASKA—continued.

	Cases.
Mumps.....	7
Pollomyelitis:	
Sterling.....	1
Scarlet fever:	
Omaha.....	24
Scattering.....	18
Smallpox:	
Lincoln.....	11
Omaha.....	14
Wisner.....	7
Scattering.....	72
Tuberculosis.....	1
Typhoid fever.....	1
Whooping cough.....	15

NEW JERSEY.

Influenza.....	56
Pneumonia.....	155
Smallpox—Unusually prevalent in Belleville.	

NEW MEXICO.

Chicken pox.....	11
Diphtheria.....	7
German measles.....	1
Measles.....	42
Mumps.....	11
Scarlet fever.....	11
Smallpox:	
Artesia.....	5
Scattering.....	4
Tuberculosis.....	6
Typhoid fever.....	1
Whooping cough.....	8

NEW YORK.

(Exclusive of New York City.)

Anthrax:	
Amsterdam.....	1
Cerebrospinal meningitis:	
Mt. Vernon.....	1
Newburgh.....	1
Troy.....	1
Diphtheria.....	197
Influenza.....	378
Measles.....	890
Pneumonia.....	366
Scarlet fever.....	240
Smallpox.....	14
Typhoid fever.....	13
Whooping cough.....	246

NORTH CAROLINA.

Cerebrospinal meningitis.....	3
Chicken pox.....	37
Diphtheria.....	36
German measles.....	2
Lethargic encephalitis.....	1
Measles.....	89
Pneumonia (all forms).....	80
Pollomyelitis.....	1
Scarlet fever.....	22
Septic sore throat.....	2
Smallpox.....	134
Typhoid fever.....	3
Whooping cough.....	137

OHIO.		Cases.
Scarlet fever:		
Akron.....		97
Cincinnati.....		53
Smallpox:		
Bucyrus.....		9
Mutual.....		15
SOUTH DAKOTA.		
Cerebrospinal meningitis.....		1
Chicken pox.....		5
Diphtheria.....		5
Influenza:		
Turner County.....		23
Scattering.....		12
Measles.....		174
Pneumonia.....		15
Scarlet fever.....		42
Smallpox.....		16
VERMONT.		
Chicken pox.....		9
Diphtheria.....		7
Influenza.....		37
Measles.....		85
Mumps.....		73
Pneumonia.....		2
Scarlet fever.....		19
Typhoid fever.....		2
Whooping cough.....		39
WASHINGTON.		
Chicken pox.....		52
Diphtheria.....		19
German measles.....		2
Influenza.....		31
Measles.....		352
Mumps.....		30
Pneumonia.....		2
Scarlet fever.....		48
Smallpox.....		127
Tuberculosis.....		27
Typhoid fever.....		2
Whooping cough.....		63

WEST VIRGINIA.		Cases.
Cerebrospinal meningitis:		
Fairmont.....		1
Diphtheria.....		20
Measles:		
Clarksburg.....		10
Wheeling.....		32
Scattering.....		25
Scarlet fever.....		12
Smallpox:		
Bluefield.....		13
Scattering.....		7
Typhoid fever.....		3
WISCONSIN.		
Milwaukee:		
Cerebrospinal meningitis.....		3
Chicken pox.....		38
Diphtheria.....		16
Influenza.....		6
Measles.....		94
Rubella.....		7
Scarlet fever.....		20
Smallpox.....		10
Tuberculosis.....		23
Typhoid fever.....		1
Whooping cough.....		52
Scattering:		
Cerebrospinal meningitis.....		1
Chicken pox.....		32
Diphtheria.....		17
Influenza.....		48
Measles.....		472
Scarlet fever.....		81
Smallpox.....		61
Tuberculosis.....		18
Typhoid fever.....		3
Whooping cough.....		54

Kentucky Report for Week Ended Mar. 27, 1920.

	Cases.
Chicken pox.....	39
Diphtheria:	
Jefferson County.....	9
Scattering.....	4
Dysentery.....	10
Influenza:	
Christian County.....	36
Cumberland County.....	44
Lawrence County.....	43
Lyon County.....	40
McLean County.....	35
Whitley County.....	40
Scattering.....	369
Lethargic encephalitis:	
Hardin County.....	1
Jefferson County.....	2
Malaria.....	3
Measles:	
Campbell County.....	24
Christian County.....	9
Fleming County.....	23

	Cases.
Measles—Continued.	
Jefferson County.....	12
Kenton County.....	33
Scattering.....	131
Mumps.....	2
Pneumonia.....	51
Scarlet fever:	
Jefferson County.....	10
Kenton County.....	9
Scattering.....	7
Septic sore throat.....	5
Smallpox:	
Webster County.....	24
Whitley County.....	19
Scattering.....	25
Tonsillitis.....	4
Trachoma.....	14
Tuberculosis.....	21
Typhoid fever.....	11
Whooping cough.....	24

SUMMARY OF CASES REPORTED MONTHLY, BY STATES.

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

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

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Poliomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
Arkansas (November, 1919).....	4	211	85	663	6	28	.....	190	58	140
Arkansas (January, 1920).....	10	120	3,526	352	114	41	1	100	167	52
Arkansas (February, 1920).....	1	31	22,718	127	70	12	1	27	97	13
Colorado (February, 1920).....	1	44	7,097	1	262	.....	.....	104	354	3
Hawaii (February, 1920).....	1	15	7,422	.....	107	.....	1	2	.....	11
Illinois (January, 1920).....	24	958	66,976	64	3,890	.....	2	2,301	601	69
Illinois (February, 1920).....	18	693	63,666	.....	2,034	.....	3	1,719	295	39
Kansas (February, 1920).....	10	124	48,285	.....	549	.....	.....	305	373	45
Mississippi (February, 1920).....	2	93	26,270	3,465	187	201	17	99	598	78
New Jersey (February, 1920).....	14	449	16,208	3	3,370	.....	2	405	1	17

ANTHRAX.

Illinois, Mississippi, North Carolina, New Jersey, and New York.

During January, 1920, one case of anthrax was reported in Illinois. During February, 1920, seven cases were reported in Mississippi. During the week ended March 20, 1920, one case was reported at Charlotte, N. C., one at Newark, N. J., and one at New York, N. Y.

CEREBROSPINAL MENINGITIS.

Monthly State Reports—1919 and 1920.

Place.	New cases reported.	Place.	New cases reported.
Arkansas (November, 1919):		Illinois (January, 1920)—Continued.	
Craighead County.....	1	Hardin County—	
Lonek County.....	1	Cave in Rock.....	3
Pope County.....	2	Jackson County—	
Total.....	4	Carbondale.....	1
Arkansas (January, 1920):		Kane County—	
Cleburne County.....	1	Aurora.....	1
Izard County.....	1	Kendall County—	
Jackson County.....	3	Millbrook.....	1
Lonek County.....	1	Peoria County—	
Mississippi County.....	2	Peoria.....	1
Onachita County.....	2	Tazewell County—	
Total.....	10	Tremont.....	1
Arkansas (February, 1920):		Total.....	24
Sebastian County.....	1	Illinois (February, 1920):	
Colorado (February, 1920):		Christian County—	
Pueblo.....	1	Locust Township.....	1
Illinois (January, 1920):		Taylorville.....	1
Champaign County—		Cook County—	
Sidney.....	2	Evanston.....	1
Cook County—		Riverdale.....	1
Arlington Heights.....	1	Chicago.....	10
Chicago.....	12	Edwards County—	
Evanston.....	1	Bone Gap Township.....	3
		Peoria County—	
		Peoria.....	1
		Total.....	18

CEREBROSPINAL MENINGITIS—Continued.

Monthly State Reports—1919 and 1920—Continued.

Place.	New cases reported.	Place.	New cases reported.
Kansas (February, 1920):		Kansas (February, 1920)—Continued.	
Allen County—		Wyandotte County—	
Moran.....	1	Kansas City.....	1
Bourbon County—		Total	10
Fort Scott.....	1		
Crawford County—		Mississippi (February, 1920):	
Pittsburg.....	1	Warren County.....	1
Douglas County—		Washington County.....	1
Lawrence.....	1	Total	2
Edwards County—			
Offerle.....	1	New Jersey (February, 1920):	
Harper County—		Essex County.....	9
Freeport.....	1	Hudson County.....	2
Labette County—		Passaic County.....	1
Parsons.....	1	Union County.....	2
Leavenworth County—		Total	14
Tonganoxie.....	1		
Riley County—			
Manhattan.....	1		

City Reports for Week Ended Mar. 20, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Birmingham, Ala.....		1	Kansas City, Mo.....	1	1
Boston, Mass.....	2	1	Milwaukee, Wis.....	4	4
Brockton, Mass.....	1		Minneapolis, Minn.....	1	1
Butte, Mont.....		1	Nashua, N. H.....		2
Chicago Heights, Ill.....		1	New Brunswick, N. J.....	1	
Chicago, Ill.....	2	2	New York, N. Y.....	6	5
Cohoes, N. Y.....		1	Philadelphia, Pa.....	3	2
Dallas, Tex.....	1		Port Huron, Mich.....	1	
Detroit, Mich.....	1		Portland, Oreg.....		1
East Chicago, Ind.....		1	St. Joseph, Mo.....		1
East St. Louis, Ill.....		1	St. Louis, Mo.....	1	
Greeley, Colo.....	1	1	San Diego, Calif.....		1
Hartford, Conn.....	1		Sandusky, Ohio.....	1	1
Huntington, W. Va.....		1	San Francisco, Calif.....	1	
Indianapolis, Ind.....	1	1	Waco, Tex.....		1
Kansas City, Kans.....	1				

DIPHTHERIA.

See Telegraphic weekly reports from States, p. 897; Monthly summaries by States, p. 901; and Weekly reports from cities, p. 920.

INFLUENZA.

Hawaii and Mississippi—February, 1920.

Place.	New cases reported.	Place.	New cases reported.
Hawaii.....	7,422	Mississippi—Continued.	
Mississippi:		Claiborne County.....	41
Adams County.....	347	Clarke County.....	90
Alcorn County.....	443	Clay County.....	228
Amite County.....	185	Coahoma County.....	226
Attala County.....	46	Copiah County.....	465
Benton County.....	181	Covington County.....	565
Bolivar County.....	979	De Soto County.....	768
Calhoun County.....	374	Forrest County.....	262
Carroll County.....	129	Franklin County.....	326
Chickasaw County.....	217	George County.....	541
		Greene County.....	773

INFLUENZA—Continued.

Hawaii and Mississippi—February, 1920—Continued.

Place.	New cases reported.	Place.	New cases reported.
Mississippi—Continued.		Mississippi—Continued.	
Grenada County.....	10	Oktibbeha County.....	111
Hancock County.....	579	Panola County.....	208
Harrison County.....	715	Pearl River County.....	397
Hinds County.....	953	Pike County.....	170
Holmes County.....	303	Pontotoc County.....	752
Humphreys County.....	83	Prentiss County.....	206
Issaquena County.....	7	Scott County.....	664
Itawamba.....	36	Sharkey County.....	20
Jackson County.....	250	Smith County.....	167
Jasper County.....	50	Stone County.....	236
Jefferson County.....	87	Sunflower County.....	664
Jefferson Davis County.....	116	Tallahatchie County.....	422
Jones County.....	509	Tate County.....	627
Kemper County.....	177	Tippah County.....	83
Lafayette County.....	531	Tishomingo County.....	382
Lauderdale County.....	365	Tunica County.....	209
Lawrence County.....	50	Union County.....	643
Leake County.....	140	Warren County.....	704
Lee County.....	1,212	Walthall County.....	182
Leflore County.....	145	Washington County.....	289
Lincoln County.....	617	Webster County.....	85
Lowndes County.....	75	Wilkinson County.....	141
Marion County.....	117	Winston County.....	105
Marshall County.....	310	Yalobusha County.....	676
Monroe County.....	1,530	Yazoo County.....	445
Montgomery County.....	464		
Newton County.....	95	Total.....	26,270
Noxubee County.....	173		

City Reports for Week Ended Mar. 20, 1923.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Aberdeen, Wash.....	4	.....	Columbia, S. C.....	7	.....
Adams, Mass.....	2	.....	Columbus, Ga.....	4	3
Akron, Ohio.....	2	.....	Columbus, Ohio.....	72	3
Alameda, Calif.....	1	.....	Corpus Christi, Tex.....	17	.....
Alliance, Ohio.....	1	.....	Covington, Ky.....	72	1
Alpena, Mich.....	1	.....	Cumberland, Md.....	8	1
Amesbury, Mass.....	1	2	Dallas, Tex.....	55	3
Anniston, Ala.....	1	.....	Danville, Va.....	60	.....
Asbury Park, N. J.....	1	.....	Dayton, Ohio.....	2	.....
Atlanta, Ga.....	62	8	Denver, Colo.....	.....	4
Atlantic City, N. J.....	2	.....	Des Moines, Iowa.....	1	.....
Austin, Tex.....	2	2	Detroit, Mich.....	11	6
Baltimore, Md.....	121	4	Durham, N. C.....	.....	1
Baton Rouge, La.....	4	4	East Chicago, Ind.....	.....	1
Berkeley, Calif.....	17	3	East Orange, N. J.....	2	.....
Biddeford, Me.....	1	.....	Eau Claire, Wis.....	1	.....
Billings, Mont.....	.....	2	Elkhart, Ind.....	1	.....
Birmingham, Ala.....	.....	11	El Paso, Tex.....	.....	6
Bluefield, W. Va.....	2	.....	Eureka, Calif.....	2	1
Boston, Mass.....	60	4	Everett, Mass.....	1	.....
Bridgeport, Conn.....	.....	1	Fairmont, W. Va.....	1	.....
Brunswick, Ga.....	6	3	Fall River, Mass.....	6	3
Buffalo, N. Y.....	6	6	Fargo, N. Dak.....	.....	2
Burlington, Vt.....	.....	3	Findlay, Ohio.....	39	.....
Calro, Ill.....	1	.....	Fort Scott, Kans.....	.....	1
Cambridge, Mass.....	5	.....	Fort Wayne, Ind.....	1	4
Canton, Ohio.....	.....	2	Fosteria, Ohio.....	1	.....
Cape Girardeau, Mo.....	9	.....	Framingham, Mass.....	.....	1
Charleston, S. C.....	.....	1	Gardner, Mass.....	.....	2
Charlotte, N. C.....	5	2	Grand Rapids, Mich.....	19	.....
Chattanooga, Tenn.....	1	3	Great Falls, Mont.....	4	1
Chelsea, Mass.....	1	.....	Hackensack, N. J.....	1	.....
Cheyenne, Wyo.....	1	1	Hartford, Conn.....	1	.....
Chicago, Ill.....	168	26	Haverhill, Mass.....	7	1
Chillicothe, Ohio.....	3	.....	Highland Park, Mich.....	2	.....
Cincinnati, Ohio.....	35	21	Hoquiam, Wash.....	26	2
Cleveland, Ohio.....	11	12	Hot Springs, Ark.....	20	2
Coffeyville, Kans.....	1	.....	Houston, Tex.....	1	1
Cohoes, N. Y.....	2	.....	Huntington, W. Va.....	.....	1

INFLUENZA—Continued.

City Reports for Week Ended Mar. 20, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Indianapolis, Ind.	3	10	Omaha, Nebr.	1	2
Ironwood, Mich.	6	2	Orange, N. J.	3	.....
Ishpeming, Mich.	6	1	Parsons, Kans.	2	.....
Jamestown, N. Y.	8	.....	Passaic, N. J.	1	1
Jersey City, N. J.	1	.....	Paterson, N. J.	8	.....
Kalamazoo, Mich.	14	.....	Petersburg, Va.	15	.....
Kansas City, Kans.	3	.....	Philadelphia, Pa.	19	19
Kansas City, Mo.	7	.....	Plainfield, N. J.	1	.....
Kearny, N. J.	6	7	Pontiac, Mich.	3	.....
Keene, N. H.	1	.....	Portland, Me.	4	.....
Kenosha, Wis.	3	.....	Portland, Oreg.	16	3
La Crosse, Wis.	2	.....	Portsmouth, N. H.	3	.....
Leavenworth, Kans.	1	.....	Portsmouth, Ohio	.....	1
Lexington, Ky.	3	.....	Providence, R. I.	2	.....
Little Rock, Ark.	15	.....	Racine, Wis.	1	.....
Lockport, N. Y.	1	.....	Reno, Nev.	6	.....
Long Beach, Calif.	8	.....	Richmond, Va.	.....	2
Lorain, Ohio.	3	.....	Roanoke, Va.	3	.....
Los Angeles, Calif.	87	2	Rocky Mount, N. C.	.....	2
Louisville, Ky.	19	1	Rome, Ga.	24	.....
Lowell, Mass.	4	1	Rome, N. Y.	1	.....
Lynn, Mass.	1	1	Rutland, Vt.	4	.....
Macon, Ga.	18	2	Sacramento, Calif.	42	2
Marion, Ind.	1	1	St. Paul, Minn.	4	2
Melrose, Mass.	2	2	Salt Lake City, Utah	.....	2
Memphis, Tenn.	9	1	San Bernardino, Calif.	4	.....
Methuen, Mass.	1	.....	San Diego, Calif.	2	.....
Middletown, N. Y.	7	.....	San Francisco, Calif.	50	13
Milwaukee, Wis.	3	1	Saratoga Springs, N. Y.	1	1
Minneapolis, Minn.	14	2	Savannah, Ga.	30	5
Missoula, Mont.	3	.....	Schenectady, N. Y.	1	.....
Mobile, Ala.	1	2	Seattle, Wash.	5	.....
Montclair, N. J.	.....	1	Somerville, Mass.	5	.....
Montgomery, Ala.	3	11	Spartanburg, S. C.	5	.....
Morgantown, W. Va.	7	.....	Springfield, Ill.	2	1
Morristown, N. J.	1	.....	Springfield, Mass.	1	1
Mount Vernon, N. Y.	1	.....	Staunton, Va.	6	.....
Nashua, N. H.	5	.....	Terre Haute, Ind.	.....	2
Nashville, Tenn.	.....	11	Toledo, Ohio.	2	1
Newark, N. J.	35	1	Topeka, Kans.	5	1
New Bedford, Mass.	17	.....	Traverse City, Mich.	4	.....
New Britain, Conn.	11	.....	Trenton, N. J.	15	2
Newburyport, Mass.	1	.....	Waltham, Mass.	10	.....
New Haven, Conn.	.....	3	Washington, D. C.	6	1
New Orleans, La.	34	24	Watertown, Mass.	1	.....
Newport, R. I.	1	.....	Watertown, N. Y.	8	.....
Newton, Mass.	1	1	Wausau, Wis.	9	.....
New York, N. Y.	230	46	Wheeling, W. Va.	.....	1
Niagara Falls, N. Y.	8	.....	Wichita, Kans.	2	1
Norfolk, Va.	2	.....	Willimantic, Conn.	5	.....
North Little Rock, Ark.	23	.....	Winston-Salem, N. C.	.....	1
North Tonawanda, N. Y.	1	.....	Winthrop, Mass.	2	.....
Norwood, Ohio.	.....	1	Worcester, Mass.	9	.....
Oakland, Calif.	15	4	Yonkers, N. Y.	.....	1
Oklahoma City, Okla.	.....	1	Zanesville, Ohio	.....	1

LEPROSY.

Galveston, Tex.—Week Ended Mar. 20, 1920.

During the week ended March 20, 1920, two cases of leprosy were reported at Galveston, Tex.

LETHARGIC ENCEPHALITIS.

California, Illinois, Kansas, and Texas.

There were 118 cases of lethargic encephalitis reported in Illinois during January, and 37 cases during February, 1920. Four cases were reported in Kansas during February. During the week ended March 20, 1920, one case and one death were reported at San Francisco, Calif. One case was reported at Waco, Tex., and one death at Yonkers, N. Y.

MALARIA.

Monthly State Reports—1919 and 1920.

Place.	New cases reported.	Place.	New cases reported.
Arkansas (November, 1919):	9	Arkansas (January, 1920)—Continued.	
Arkansas County.....	17	Saline County.....	9
Ashley County.....	90	Sebastian County.....	9
Bradley County.....	2	Sevier County.....	30
Calhoun County.....	2	Sharp County.....	6
Chicot County.....	46	St. Francis County.....	6
Clark County.....	5	Union County.....	10
Clay County.....	1	White County.....	8
Conway County.....	4	Woodruff County.....	3
Crawford County.....	18		
Crittenden County.....	7	Total.....	352
Cross County.....	20	Arkansas (February, 1920):	
Desha County.....	8	Arkansas County.....	1
Drew County.....	3	Bradley County.....	16
Faulkner County.....	29	Carroll County.....	4
Franklin County.....	2	Clark County.....	15
Garland County.....	8	Cleburne County.....	7
Greene County.....	10	Crawford County.....	3
Hot Spring County.....	12	Drew County.....	2
Howard County.....	4	Faulkner County.....	1
Independence County.....	28	Hempstead County.....	1
Izard County.....	3	Hot Spring County.....	5
Jackson County.....	17	Howard County.....	10
Jefferson County.....	5	Independence County.....	2
Lafayette County.....	4	Izard County.....	1
Lawrence County.....	20	Jackson County.....	1
Lee County.....	5	Jefferson County.....	6
Little River County.....	17	Lee County.....	3
Logan County.....	3	Miller County.....	4
Lonok County.....	3	Monroe County.....	1
Miller County.....	2	Ouachita County.....	20
Mississippi County.....	5	Prairie County.....	1
Monroe County.....	54	Pulaski County.....	2
Onachita County.....	7	Saline County.....	4
Perry County.....	3	Sharp County.....	1
Pike County.....	1	St. Francis County.....	3
Prairie County.....	12	Union County.....	8
Pulaski County.....	22	Woodruff County.....	3
Saline County.....	3	Yell County.....	2
Scott County.....	3		
Searcy County.....	7	Total.....	127
Sebastian County.....	7	Colorado (February, 1920):	
Sevier County.....	50	Ouray County.....	1
St. Francis County.....	29		
Union County.....	25	Illinois (January, 1920):	
White County.....	29	Bond County—	
Woodruff County.....	9	Panama.....	1
Total.....	663	Clinton County—	
Arkansas (January, 1920):		Ge mantown Township.....	10
Ashley County.....	8	Edwards County—	
Baxter County.....	2	Bone Gap.....	9
Bradley County.....	13	Fayette County—	
Clark County.....	70	Softon Township.....	3
Clay County.....	4	Gallatin County—	
Cleburne County.....	13	Shawneetown.....	1
Craighead County.....	3	Jasper County—	
Dallas County.....	4	Rose Hill.....	3
Franklin County.....	5	Madison County—	
Hempstead County.....	8	New Douglas.....	4
Hot Spring County.....	11	Massac County—	
Izard County.....	9	Metropolis.....	4
Jackson County.....	20	Saline County—	
Jefferson County.....	8	Carrier Mills.....	4
Lafayette County.....	13	St. Clair County—	
Lawrence County.....	6	St. Libory.....	5
Lee County.....	16	Union County—	
Lincoln County.....	2	Union Precinct.....	20
Logan County.....	3		
Lonoke County.....	1	Total.....	64
Miller County.....	9	Mississippi (February, 1920):	
Mississippi County.....	1	Adams County.....	73
Monroe County.....	4	Alcorn County.....	11
Newton County.....	3	Amite County.....	27
Ouachita County.....	21	Attala County.....	10
Perry County.....	11	Benton County.....	3
Pope County.....	1		
Pulaski County.....	2		

MALARIA—Continued.

Monthly State Reports—1919 and 1920—Continued.

Place.	New cases reported.	Place.	New cases reported.
Mississippi (February, 1920)—Contd.		Mississippi (February, 1920)—Contd.	
Bolivar County.....	251	Neshoba County.....	36
Calhoun County.....	7	Newton County.....	14
Carroll County.....	43	Noxubee County.....	28
Chickasaw County.....	10	Oktibbeha County.....	36
Choctaw County.....	9	Panola County.....	29
Claiborne County.....	38	Pearl River County.....	34
Clarke County.....	21	Perry County.....	16
Clay County.....	8	Pike County.....	26
Coahoma County.....	186	Pontotoc County.....	28
Copiah County.....	34	Prentiss County.....	18
Covington County.....	43	Quitman County.....	96
De Soto County.....	26	Rankin County.....	8
Forrest County.....	47	Scott County.....	13
Franklin County.....	40	Sharkey County.....	65
Greene County.....	17	Simpson County.....	35
Grenada County.....	20	Smith County.....	41
Hancock County.....	66	Stone County.....	22
Harrison County.....	3	Sunflower County.....	223
Hinds County.....	102	Tallahatchie County.....	48
Holmes County.....	153	Tate County.....	34
Humphreys County.....	181	Tippah County.....	12
Issaquena County.....	29	Tishomingo County.....	30
Itawamba County.....	8	Tunica County.....	73
Jackson County.....	30	Union County.....	14
Jasper County.....	40	Walthall County.....	2
Jefferson County.....	48	Warren County.....	95
Jefferson Davis County.....	12	Washington County.....	66
Jones County.....	28	Wayne County.....	7
Kemper County.....	21	Webster County.....	4
Lafayette County.....	10	Wilkinson County.....	27
Lamar County.....	12	Winston County.....	90
Lauderdale County.....	11	Yalobusha County.....	17
Lawrence County.....	27	Yazoo County.....	162
Leake County.....	27		
Lee County.....	51	Total.....	3,465
Leflore County.....	65		
Lincoln County.....	35	New Jersey (February, 1920):	
Lowndes County.....	36	Bergen County.....	1
Madison County.....	16	Hudson County.....	1
Marion County.....	28	Mercer County.....	1
Marshall County.....	9		
Monroe County.....	38	Total.....	3
Montgomery County.....	6		

City Reports for Week Ended Mar. 20, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Birmingham, Ala.....	1	.....	New York, N. Y.....	1	.....
Corpus Christi, Tex.....	1	.....	Savannah, Ga.....	4	.....
Covington, Ky.....	1	.....	Winthrop, Mass.....	1	.....
Houston, Tex.....	.....	1	Tuscaloosa, Ala.....	2	.....
Memphis, Tenn.....	.....	1			

MEASLES.

See Telegraphic weekly reports from States, p. 897; Monthly summaries by States, p. 901; and Weekly reports from cities, p. 920.

PELLAGRA.

Monthly State Reports—1919 and 1920.

Place.	New cases reported.	Place.	New cases reported.
Arkansas (November, 1919):		Mississippi (February, 1920):	
Clark County.....	1	Adams County.....	8
Clay County.....	1	Alcorn County.....	2
Columbia County.....	1	Attala County.....	1
Craighead County.....	1	Bolivar County.....	11
Cross County.....	2	Calhoun County.....	2
Hot Spring County.....	2	Chickasaw County.....	1
Jackson County.....	1	Claiborne County.....	1
Jefferson County.....	1	Clay County.....	4
Lawrence County.....	1	Coahoma County.....	13
Logan County.....	3	Copiah County.....	2
Lonoke County.....	2	Covington County.....	1
Ouachita County.....	5	De Soto County.....	3
Pike County.....	1	Forest County.....	13
Pulaski County.....	1	Franklin County.....	3
Scott County.....	1	George County.....	1
Sebastian County.....	1	Greene County.....	3
Sevier County.....	2	Hinds County.....	13
Union County.....	1	Holmes County.....	9
Total.....	28	Humphreys County.....	5
Arkansas (January, 1920):		Jasper County.....	4
Ashley County.....	1	Jefferson Davis County.....	1
Clark County.....	1	Jones County.....	3
Craighead County.....	1	Kemper County.....	3
Garland County.....	6	Lamar County.....	4
Hot Spring County.....	2	Lauderdale County.....	3
Independence County.....	2	Leake County.....	3
Lee County.....	1	Lee County.....	5
Little River County.....	1	Lowndes County.....	2
Logan County.....	1	Madison County.....	3
Lonoke County.....	1	Marshall County.....	3
Newton County.....	2	Monroe County.....	10
Onchita County.....	4	Montgomery County.....	2
Pope County.....	1	Neshoba County.....	3
Pulaski County.....	1	Noxubee County.....	5
Saline County.....	5	Oktibbeha County.....	1
Sebastian County.....	2	Pearl River County.....	3
St. Francis County.....	1	Pike County.....	2
Union County.....	2	Pontetoc County.....	2
Washington County.....	3	Scott County.....	1
White County.....	3	Sharkey County.....	1
Total.....	41	Simpson County.....	1
Arkansas (February, 1920):		Smith County.....	3
Independence County.....	2	Sunflower County.....	10
Lawrence County.....	1	Tallahatchie County.....	1
Ouchita County.....	5	Tippah County.....	6
Saline County.....	4	Tishomingo County.....	3
Total.....	12	Tunica County.....	3
		Union County.....	1
		Warren County.....	2
		Washington County.....	6
		Wilkinson County.....	1
		Yazoo County.....	4
		Total.....	201

City Reports for Week Ended Mar. 20, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baton Rouge, La.....	1	1	Nashville, Tenn.....	1	.....
Huntington, W. Va.....	.....	1	New Orleans, La.....	2	2
Leavenworth, Kans.....	8	.....	Waco, Tex.....	.....	1
Montgomery, Ala.....	.....	1			

PNEUMONIA (ALL FORMS).

City Reports for Week Ended Mar. 20, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Aberdeen, Wash.	1		Fall River, Mass.	2	10
Akron, Ohio.	6		Findlay, Ohio.	1	
Albany, N. Y.	5		Flint, Mich.		6
Alliance, Ohio.		1	Fort Dodge, Iowa.		1
Anaconda, Mont.	2		Fort Wayne, Ind.		2
Ann Arbor, Mich.	3	1	Fort Worth, Tex.	2	
Ansonia, Conn.	2	2	Framingham, Mass.	1	1
Ashland, Ky.	1		Freeport, Ill.	1	1
Atlanta, Ga.	5	14	Fremont, Nebr.		1
Atlantic City, N. J.	1		Galesburg, Ill.		2
Attleboro, Mass.		1	Galveston, Tex.		1
Auburn, N. Y.	1	1	Gardner, Mass.	1	1
Austin, Tex.		3	Gary, Ind.	1	1
Baltimore, Md.	43	19	Glens Falls, N. Y.	1	1
Barberton, Ohio.		19	Grand Rapids, Mich.	14	2
Baton Rouge, La.	4	4	Great Falls, Mont.	2	5
Battle Creek, Mich.	1		Greensboro, N. C.		1
Beatrice, Nebr.		2	Greenwich, Conn.	1	1
Beaumont, Tex.	1	1	Hackensack, N. J.	3	1
Bedford, Ind.		1	Hammond, Ind.		3
Belleville, N. J.	3		Harrison, N. J.	3	
Berkeley, Calif.	2		Haverhill, Mass.	3	3
Berlin, N. H.		1	Highland Park, Mich.	2	2
Beverly, Mass.		1	Hoboken, N. J.	2	8
Biddeford, Me.	3	1	Holyoke, Mass.	2	4
Billings, Mont.		2	Hot Springs, Ark.		2
Birmingham, Ala.	20		Houston, Tex.		8
Bloomfield, N. J.	1		Hudson, N. Y.		1
Bloomington, Ill.		1	Huntington, Ind.		1
Boston, Mass.	26	33	Huntington, W. Va.		4
Brazil, Ind.		2	Independence, Mo.	1	1
Bridgeport, Conn.		7	Indianapolis, Ind.		13
Bristol, Conn.	1		Iowa City, Iowa.		1
Brockton, Mass.	2	4	Irrington, N. J.	3	
Brookline, Mass.		1	Jamestown, N. Y.	5	4
Brunswick, Ga.	2	2	Jersey City, N. J.	14	
Buffalo, N. Y.		16	Kalamazoo, Mich.	3	2
Burlington, Iowa.		1	Kansas City, Kans.	12	
Burlington, Vt.		1	Kansas City, Mo.	32	27
Butte, Mont.	4	3	Kearny, N. J.	3	1
Cairo, Ill.		3	Kewanee, Ill.		1
Cambridge, Mass.	3	6	Kokomo, Ind.		2
Cape Girardeau, Mo.	1		La Fayette, Ind.		1
Charleston, S. C.		4	Lancaster, Ohio.		1
Charlotte, N. C.		5	Lawrence, Mass.	3	1
Chattanooga, Tenn.		7	Iexington, Ky.		8
Chelsea, Mass.	3	1	Lima, Ohio.		3
Cheyenne, Wyo.	2	2	Lincoln, Nebr.	5	4
Chicago, Ill.	395	92	Little Rock, Ark.	2	
Chicopee, Mass.		2	Lockport, N. Y.		1
Cincinnati, Ohio.	14	16	Long Beach, Calif.	2	1
Cleveland, Ohio.	35	40	Long Branch, N. J.	1	2
Clinton, Mass.		2	Los Angeles, Calif.	36	19
Coffeyville, Kans.	1		Louisville, Ky.	20	11
Cohoes, N. Y.		1	Lowell, Mass.	2	6
Columbus, Ga.	3	3	Ludington, Mich.	1	
Columbus, Ohio.		6	Lynchburg, Va.		2
Concord, N. H.		2	Lynn, Mass.	3	2
Corpus Christi, Tex.		3	Macon, Ga.		10
Covington, Ky.	3	3	Manchester, N. H.	4	4
Covington, R. I.	4	4	Marion, Ind.		1
Cumberland, Md.	8	5	Martins Ferry, Ohio.		1
Dallas, Tex.	5	4	Mason City, Iowa.	1	1
Dayton, Ohio.	2		Mattoon, Ill.	1	
Decatur, Ill.		2	Medford, Mass.		2
Denver, Colo.		11	Memphis, Tenn.		13
Detroit, Mich.	42	50	Middleton, Ohio.		1
Dover, N. H.		1	Milwaukee, Wis.		18
Dubuque, Iowa.	2		Minneapolis, Minn.		5
Duluth, Minn.	2		Missoula, Mont.		1
Durham, N. C.		3	Mobile, Ala.	1	3
East Chicago, Ind.		2	Montclair, N. J.	2	
East Orange, N. J.	6	3	Montgomery, Ala.	1	1
East St. Louis, Ill.	1	3	Morristown, N. J.	2	1
Elgin, Ill.	1	1	Moundsville, W. Va.	3	
Elizabeth, N. J.	3	5	Mount Vernon, N. Y.	5	5
Elkhart, Ind.	1	1	Muncie, Ind.		5
El Paso, Tex.		16	Muscatine, Iowa.		2
Eureka, Calif.		1	Nashua, N. H.	4	1
Everett, Mass.	1		Nashville, Tenn.		5

PNEUMONIA (ALL FORMS)—Continued.

City Reports for Week Ended Mar. 20, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Newark, N. J.	93	14	Rock Island, Ill.	3	1
New Bedford, Mass.	1		Rocky Mount, N. C.		1
New Britain, Conn.	2	1	Rome, Ga.	2	
Newburyport, Mass.	1	1	Rome, N. Y.	1	
New Haven, Conn.	12	2	Sacramento, Calif.	3	3
New Orleans, La.	2	29	St. Joseph, Mo.		8
Newton, Mass.	2	2	St. Paul, Minn.		10
New York, N. Y.	525	238	Salem, Ore.		2
Niagara Falls, N. Y.	7	3	Salt Lake City, Utah		3
Norfolk, Va.	7	6	San Bernardino, Calif.		1
North Adams, Mass.	2	2	Sandusky, Ohio.	3	
North Little Rock, Ark.	2		San Francisco, Calif.	12	4
North Tonawanda, N. Y.	2		Saratoga Springs, N. Y.	4	1
Norwalk, Conn.		1	Savannah, Ga.		6
Oakland, Calif.	1	2	Schenectady, N. Y.	4	3
Oak Park, Ill.	4		Sioux Falls, S. Dak.	1	1
Oklahoma City, Okla.		1	Somerville, Mass.	6	1
Olean, N. Y.		2	South Bend, Ind.		3
Omaha, Nebr.	1	14	Southbridge, Mass.		1
Orange, Conn.	7	1	Spartanburg, S. C.	1	
Orange, N. J.	1	7	Springfield, Ill.	1	4
Paducah, Ky.	1		Springfield, Mass.	4	2
Parkersburg, W. Va.		1	Stanton, Va.		8
Parsons, Kans.	1		Stillwater, Minn.	2	
Passaic, N. J.	5	7	Stockton, Calif.		3
Paterson, N. J.	9		Syracuse, N. Y.	3	13
Peoria, Ill.		4	Taunton, Mass.	2	2
Perth Amboy, N. J.		4	Terre Haute, Ind.		2
Petersburg, Va.		2	Toledo, Ohio.		2
Philadelphia, Pa.	113	76	Topeka, Kans.		3
Piqua, Ohio.		1	Traverse City, Mich.		1
Pittsfield, Mass.	2	2	Trenton, N. J.	12	5
Plainfield, N. J.	3	1	Troy, N. Y.	4	9
Plymouth, Mass.		2	Waco, Tex.		2
Pontiac, Mich.	6	4	Waltham, Mass.		1
Port Chester, N. Y.	1	1	Washington, D. C.		21
Port Huron, Mich.	1	2	Watertown, Mass.		1
Portland, Me.	1		Watertown, N. Y.	2	
Portland, Ore.		12	Wausau, Wis.		1
Portsmouth, Ohio.		3	West Hoboken, N. J.	2	
Poughkeepsie, N. Y.	1		Wheeling, W. Va.	1	4
Providence, R. I.		7	White Plains, N. Y.	1	3
Pueblo, Colo.	1	2	Wichita, Kans.	1	2
Quincy, Mass.	3	2	Wilmington, Del.		12
Raleigh, N. C.	2		Winston-Salem, N. C.	5	2
Reno, Nev.	1		Winthrop, Mass.		1
Richmond, Va.		5	Woburn, Mass.		1
Roanoke, Va.	4		Worcester, Mass.	11	12
Rochester, N. Y.	26	8	Yonkers, N. Y.		3
Rockford, Ill.		2	Zanesville, Ohio.		1

POLIOMYELITIS (INFANTILE PARALYSIS).

State Reports for January and February, 1920.

Place.	New cases reported.	Place.	New cases reported.
Arkansas (January):		Mississippi (February):	
Union County.....	1	Leflore County.....	2
Arkansas (February):		Lowndes County.....	7
Union County.....	1	Neshoba County.....	7
Illinois (January):		Webster County.....	1
Iroquois County—		Total.....	17
Clatsa Park.....	2	New Jersey (February):	
Illinois (February):		Essex County.....	1
Cook County—		Ocean County.....	1
Chicago.....	3	Total.....	2

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

City Reports for Week Ended Mar. 20, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Charlotte, N. C.....	1	.....	New York, N. Y.....	1	.....
Chicago, Ill.....	1	.....	Orange, Conn.....	1	.....
Lawrence, Mass.....	1	.....		

RABIES IN ANIMALS.

Akron, Ohio, Cincinnati, Ohio, and Detroit, Mich.

During the week ended March 20, 1920, there were reported one case of rabies in animals at Akron, Ohio, one at Cincinnati, Ohio, and one at Detroit, Mich.

RABIES IN MAN.

Mississippi—February, 1920.

During February, 1920, three cases of rabies in man were reported in Mississippi.

SCARLET FEVER.

See Telegraphic weekly reports from States, p. 897; Monthly summaries by States, p. 901; and Weekly reports from cities, p. 920.

SMALLPOX.

Colorado and Kansas Reports for February, 1920—Vaccination Histories.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
Colorado:						
Adams County.....	4	.....			3	1
Arapahoe County.....	7	.....	2		5	
Bent County.....	28	.....	3		19	6
Boulder County.....	20	.....	3		18	2
Delta County.....	4	.....			4	
Denver County.....	150	.....	24		126	
El Paso County.....	1	.....			1	
Fremont County.....	7	.....			3	4
Huerfano County.....	17	.....			12	2
Jefferson County.....	10	.....	2		6	2
Kiowa County.....	1	.....				1
Kit Carson County.....	3	.....				1
Larimer County.....	38	.....			3	
Las Animas County.....	3	.....	1		37	
Mesa County.....	3	.....	1		1	1
Mesa County.....	15	.....				15
Montrose County.....	4	.....			2	2
Otero County.....	3	.....			2	1
Phillips County.....	2	.....			2	1
Prowers County.....	2	.....			1	1
Fruita County.....	7	.....	1		3	3
Fueblo County.....	8	.....	1		1	6
Washington County.....	1	.....				1
Weid County.....	21	.....	1		18	2
Total.....	354		36		265	53

SMALLPOX—Continued.

Colorado and Kansas Reports for February, 1920—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
Kansas:						
Allen County—						
Humboldt.....	1					1
Anderson County—						
Mildred.....	4				4	
Barton County—						
Clayton.....	1				1	
Bourbon County—						
Redfield.....	1					1
Fort Scott.....	6				4	2
Brown County—						
Hiawatha.....	5				3	2
Hamlin.....	1					1
Powhattan.....	1				1	
Reserve.....	1				1	
Horton B. F. D.....	1					1
Butler County—						
Douglas.....	1					1
Rose Hill.....	2					2
Leon.....	1					1
Augusta.....	1					1
Eldorado.....	23				4	19
Chase County—						
Strong City.....	1					1
Elmdale.....	1					1
Cherokee County—						
Galena.....	1		1			
Cheyenne County—						
Longford.....	11				3	8
Oak Hill.....	2					3
Cloud County—						
Miltonvale.....	1					1
Cowley County—						
Winfield.....	1				1	
Crawford County—						
Arcadia.....	1				1	
Pittsburg.....	7					7
Decatur County—						
Jennings.....	2					2
Dickinson County—						
Ablene.....	16				11	5
Manchester.....	1				1	
Solomon.....	5					5
Doniphan County—						
Ellinwood.....	2				2	
Rogersville.....	2				1	1
Tasy B. F. D.....	1				1	
Douglas County—						
Lawrence.....	2			1	1	
Finney County—						
Garden City.....	11					11
Ford County—						
Dodge City.....	1					1
Grant County—						
New Ulysses.....	1					1
Gray County—						
Cimarron.....	1					1
Greenwood County—						
Virgil.....	1					1
Sallyards.....	1					1
Hodgeman County—						
Jetmore.....	14					14
Hallet.....	1				1	
Jackson County—						
Circleville.....	1				1	
Horton.....	3					3
Jewell County—						
Jewell.....	5					5
Esbon.....	1					1
Mankato.....	1					1
Formosa.....	26		1	1	6	18

SMALLPOX—Continued.

Colorado and Kansas Reports for February, 1920—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
Kansas—Continued.						
Kingman County—						
Norwich.....	2					2
Kiowa County—						
Haviland.....	4					4
Labette County—						
Chetopa.....	3				1	2
Parsons.....	7				1	6
Leavenworth County—						
Tonganoxie.....	4				3	1
Leavenworth.....	1					1
Lincoln County—						
Lincoln.....	2			1		1
Linn County—						
Parker.....	1		1			
Marion County—						
Marion.....	2					2
Marshall County—						
Osketo.....	1				1	
Miami County—						
Hillsdale.....	2				2	
Mitchell County—						
Beloit.....	1					1
Montgomery County—						
Independence.....	1					1
Coffey.....	3				2	1
Morton County—						
Elkhart.....	4				4	
Nemaha County—						
Oneida.....	1				1	
Seneca.....	1				1	
Neosho County						
St. Paul.....	8				2	6
Erie.....	4					4
Chanute.....	1					1
Norton County—						
Almena.....	1					1
Logan.....	1				1	
Clayton.....	1					1
Osage County—						
Osage.....	5				4	1
Carbondale.....	1					1
Pawnee County—						
Larned.....	2		1			1
Phillips County—						
Phillipsburg.....	7					7
Logan.....	3					3
Woodruff.....	1				1	
Long Island.....	2				2	
Agra.....	6					6
Naponee.....	19					19
Pratt County—						
Pratt.....	3					3
Sawyer.....	1					1
Rawlins County—						
Gem.....	1					1
Reno County—						
Hutchinson.....	3				1	2
Riley County—						
Cleburne.....	1					1
Rooks County—						
Webster.....	2					2
Palo.....	1					1
Russell County—						
Russell.....	2					2
Gorham.....	4					4
Scott County—						
Scott.....	5				2	3

SMALLPOX—Continued.

Colorado and Kansas Reports for February, 1920—Vaccination Histories—Contd.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
Kansas—Continued.						
Sedgwick County—						
Derby.....	1					1
Mt. Hope.....	1				1	
Valley Center.....	2				2	
Goddard.....	1				1	
Wichita.....	37					37
Shawnee County—						
Topeka.....	6					6
Sherman County—						
Goodland.....	2				1	1
Ruleton.....	1				1	
Smith County—						
Lebanon.....	1					1
Smith Center.....	1					1
Agra.....	1					1
Kensington.....	3				3	
Stafford County—						
St. John.....	1					1
Sumner County—						
Caldwell.....	1					1
Mayfield.....	1					1
Trego County—						
Wakeeney.....	1					1
Wilson County—						
Neddesha.....	1					1
Woodson County—						
Toronto.....	1					1
Wyandotte County—						
Kansas City (I R. F. D.)..	9				4	5
Total.....	373		4	3	90	276

Monthly State Reports—1919 and 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Arkansas (November, 1919):			Arkansas (January, 1920) Con.		
Arkansas County.....	5		Independence County.....	3	
Benton County.....	1		Izard County.....	14	
Clark County.....	1		Jackson County.....	3	
Clay County.....	20		Jefferson County.....	12	
Crittenden County.....	2		Lawrence County.....	4	
Garland County.....	6		Little River County.....	5	
Greene County.....	6		Lonoke County.....	2	
Lawrence County.....	1		Miller County.....	7	
Mississippi County.....	3		Mississippi County.....	18	
Pulaski County.....	2		Perry County.....	5	
Saline County.....	2		Pike County.....	1	
Sebastian County.....	9		Pulaski County.....	3	
Total.....	58		Saline County.....	3	
Arkansas (January, 1920):			Sebastian County.....	3	
Arkansas County.....	15		Sharp County.....	10	
Ashley County.....	1		St. Francis County.....	6	
Carroll County.....	1		White County.....	2	
Clark County.....	2		Woodruff County.....	1	
Clay County.....	6		Total.....	167	
Craighead County.....	22		Arkansas (February, 1920):		
Crawford County.....	1		Ashley County.....	1	
Drew County.....	2		Benton County.....	8	
Garland County.....	3		Cleburne County.....	1	
Greene County.....	7		Craighead County.....	1	
Hampstead County.....	3		Crawford County.....	1	
Howard County.....	2		Desha County.....	2	

SMALLPOX—Continued.

Monthly State Reports—1919 and 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Arkansas (February, 1920—Continued.)			Illinois (January, 1920)—Con.		
Drew County.....	2		Hardin County—		
Garland County.....	3		Cave in Rock.....	3	
Howard County.....	14		Henry County.....	2	
Jefferson County.....	6		Jefferson County.....	13	
Lawrence County.....	2		Jersey County—		
Lee County.....	1		Jerseyville.....	24	
Miller County.....	4		Rosedale Township.....	1	
Mississippi County.....	1		Mississippi Township.....	1	
Perry County.....	1		Richwood Township.....	1	
Pike County.....	1		Johnson County.....	6	
Pope County.....	3		Kane County—		
Saline County.....	3		Aurora.....	1	
Searcy County.....	3		Kendall County.....	2	
Sebastian County.....	5		Knox County—		
Sharp County.....	4		Galesburg.....	28	
St. Francis County.....	16		Victoria.....	2	
White County.....	14		Lake County—		
Total.....	97		Waukegan.....	1	
			La Salle County—		
Illinois (January, 1920):			Mendota.....	1	
Adams County.....	6		Ottawa.....	1	
Quincy.....	5		Seneca.....	1	
Boone County—			Lawrence County—		
Belvidere.....	15		Billet Township.....	1	
Bureau County.....	4		Bridgeport.....	3	
Cass County—			Russell Township.....	1	
Chandlerville.....	1		Livingston County—		
Calhoun County—			Charlotte Township.....	2	
Carlin Precinct.....	8		Logan County—		
Golden Eagle.....	5		Fatham.....	6	
Bellview Precinct.....	3		Macon County—		
Champaign County—			Decatur.....	1	
Mahomet.....	6		Austin Township.....	1	
Urbana.....	2		Massac County—		
Fisher.....	2		Jappa.....	15	
Christian County—			Metropolis.....	1	
Taylorville.....	5		Macoupin County—		
Coles County—			Virden.....	19	
Ashmore.....	10		Scottville.....	5	
La Fayette Township.....	1		Palmyra.....	1	
Cook County—			Madison County—		
Oak Park.....	2		Alton.....	1	
Des Plaines.....	1		Edwardsville.....	1	
Chicago.....	4		Menard County—		
Wilmette.....	1		Tallula Precinct.....	1	
Thornton Township.....	1		Mercer County—		
Crawford County—			Mathersville.....	4	
Palestine.....	4		Perryton Township.....	1	
Douglas County—			Morgan County—		
Hindsboro.....	3		Jacksonville.....	2	
Edgar County—			School for Deaf.....	2	
Edgar Township.....	1		Jacksonville Pre. inct.....	1	
Symmes Township.....	2		McLean County—		
Paris.....	30		Bloomington.....	1	
Paris Township.....	2		Normal.....	1	
Chrisman.....	2		Scottland Township.....	1	
Franklin County—			Peoria County—		
Benton.....	25		Peoria.....	4	
Deming Township.....	28		Hanna City.....	5	
Eastern Township.....	3		Bartonville.....	1	
Christopher.....	1		Perry County—		
Fulton County—			Duquoin.....	4	
Canton.....	1		Pike County—		
Landon Mills.....	1		Bellview Precinct.....	1	
Gallatin County—			Nebo.....	2	
Equality.....	6		Pope County—		
Jamestown.....	1		Galeonda.....	7	
Greene County—			Rock Island County—		
Patterson Township.....	2		Moline.....	5	
Athensville.....	2		East Moline.....	9	
Greenfield.....	2		Rock Island.....	12	
White Hall.....	5		Reynolds.....	1	
Roodhouse.....	2		Saline County—		
Hamilton County—			Eldorado.....	19	
Crock Township.....	6		Harrisburg.....	1	
McLeansboro.....	22		Carriers Mills.....	7	
Mayberry Township.....	10		Sangamon County—		
Twigg Township.....	10		Springfield.....	1	
			New Berlin.....	3	

SMALLPOX—Continued.

Monthly State Reports—1919 and 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Illinois (January, 1920)—Continued.			Illinois (February, 1920)—Continued.		
Schuyler County—			Hamilton County—		
Oakland Township...	4		McLeansboro.....	4	
Woodstock Township	1		Crook Township.....	1	
Scott County—			Beaver Creek Town-		
Glasgow.....	4		ship.....	5	
Manchester.....	1		Hancock County—		
St. Clair County—			Pilot Knob Township.	6	
East St. Louis.....	3		Hardin County—		
O'Fallon.....	1		Cave in Rock.....	15	
Vermilion County—			Henry County—		
Adair.....	1		Geneseo.....	1	
Danville Township..	1		Kewanee.....	1	
Hoopston.....	1		Jackson County—		
Edgar Township.....	1		Carbondale.....	1	
Oakwood.....	1		Grand Tower.....	1	
Warren County—			Jefferson County—		
Cold Brook Township	1		Shiloh Township.....	1	
Kirkwood.....	7		Jersey County—		
Monmouth.....	47		Jerseville.....	50	
Roseville.....	4		Johnson County—		
Lenox Township.....	1		Cypress.....	1	
Swan Creek Township	7		Vienna.....	1	
Swan Township.....	1		Kane County—		
Kelly Township.....	10		Elgin.....	2	
White County—			Kankakee County—		
Indian Creek Town-			Kankakee.....	1	
ship.....	4		Kendall County—		
Will County—			Fox Township.....	5	
Joliet.....	4		Knox County—		
Williamson County—			Galesburg.....	16	
Hurst.....	1		Lake County—		
Total.....	601		Waukegan.....	1	
			Logan County—		
Illinois (February, 1920):			Lake Fork Township..	1	
Adams County—			Lacuna Township.....	1	
Fall Creek Township..	2		Macoupin County—		
Quincy.....	2		Hillyard Township..	1	
Calhoun County—			Plainview.....	1	
Bellview.....	1		Madison County—		
Carroll County—			Granite City.....	2	
Mount Carroll.....	10		Worden.....	1	
Champaign County—			Mason County—		
Urbana.....	1		Mason City.....	1	
Mahomet.....	1		Mercer County—		
Mahomet Township..	1		Preemption Township	1	
Clay County—			Rivoli Township.....	1	
Harter Township.....	1		Morgan County—		
Cook County—			Meredosia.....	2	
Oak Park.....	1		Jacksonville.....	1	
Chicago.....	17		Yalesville Precinct..	1	
De Witt County—			McDonough County—		
Clintonia Township..	1		Macomb.....	1	
Edgar County—			Walnut Grove Town-		
Chrisman.....	1		ship.....	1	
Symmes Township....	1		McHenry County—		
Ross Township.....	1		Seneco Township....	1	
Stratton Township....	1		Peoria County—		
Grandview Township..	1		Peoria.....	4	
Edgar Township.....	1		Bartonville.....	12	
Buck Township.....	2		Perry County—		
Hunter Township.....	3		Duquoin.....	1	
Kansas Township.....	1		Pike County—		
Fayette County—			Cincinnati Township.	19	
Kaskaskia Township..	1		Pearl Township.....	2	
Franklin County—			Pulaski County—		
Benton.....	13		Olmstead.....	1	
Eastern Township....	6		Richland County—		
Fulton County—			Olney.....	2	
London Mills.....	1		Rock Island County—		
Gallatin County—			Moline.....	5	
Junction.....	1		Reynolds.....	1	
Greene County—			Fast Moline.....	7	
Roodhouse.....	3		Sangamon County—		
Walkerville.....	3		Springfield.....	1	
Robinson Township..	1		Cartwright Township.	1	
Rubicon Township....	3		Island Grove Town-		
			ship.....	1	

SMALLPOX—Continued.

Monthly State Reports—1919 and 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Illinois (February, 1920)—Continued.			Mississippi (February, 1920)—Continued.		
Saline County—			Coahoma County.....	24	
Long Branch Town-	3		Copiah County.....	32	
ship.....	1		De Soto County.....	10	
Harrisburg.....	5		Forest County.....	7	
Eldorado.....	1		Greene County.....	1	
Scott County—	9		Grenada County.....	3	
Winchester.....	2		Hinds County.....	10	
Manchester.....	2		Holmes County.....	48	
Schnyler County—	1		Humphreys County.....	1	
Browning Township.....	1		Issaquena County.....	9	
Shelby County—	1		Jones County.....	2	
Richland Township.....	1		Lauderdale County.....	6	
Windsor.....	1		Lee County.....	2	
St. Clair County—	1		Leflore County.....	25	
Lebanon Township.....	1		Lowndes County.....	1	
National City.....	1		Madison County.....	12	
Union County—	1		Marshall County.....	5	
Jonesboro.....	1		Monroe County.....	9	
Vermilion County—	1		Montgomery County.....	1	
Ridge Farm.....	2		Neshoba County.....	10	
Hoopeston Township.....	1		Oktibbeha County.....	8	
Warren County—	1		Pearl River County.....	2	
Roseville.....	1		Pike County.....	4	
Hale Township.....	10		Pontotoc County.....	1	
Monmouth.....	2		Quitman County.....	11	
Tompkins Township.....	2		Sharkey County.....	13	
White County—			Sunflower County.....	93	
Burnt Prairie Town-	5		Tallahatchie County.....	35	
ship.....			Tate County.....	11	
Whiteside County—	1		Tunica County.....	4	
Sterling.....	1		Union County.....	1	
Jacksonville State Hos-	2		Warren County.....	10	
pital.....	3		Washington County.....	57	
Elgin State Hospital.....	2		Webster County.....	19	
Kankakee State Hospital.....			Winston County.....	1	
	295		Yalobusha County.....	1	
Total.....			Yaoo County.....	1	
Mississippi (February, 1920):	5		Total.....	598	
Alcorn County.....	98				
Bolivar County.....	2		New Jersey (February, 1920):		
Chickasaw County.....	3		Passaic County.....	1	
Clay County.....					

City Reports for Week Ended Mar. 20, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	17		Covington, Ky.....	2	
Alameda, Calif.....	1		Dallas, Tex.....	28	
Alexandria, Va.....	1		Danville, Va.....	1	
Atlanta, Ga.....	7		Davenport, Iowa.....	23	
Baltimore, Md.....	1		Dayton, Ohio.....	3	
Baton Rouge, La.....	1		Decatur, Ill.....	1	
Bedford, Ind.....	4		Denver, Colo.....	26	
Belleville, N. J.....	2		Des Moines, Iowa.....	3	
Bellingham, Wash.....	9		Detroit, Mich.....	22	
Birmingham, Ala.....	6		Dubuque, Iowa.....	5	
Bluefield, W. Va.....	12		Duluth, Minn.....	2	
Boise, Idaho.....	5		Fau Claire, Wis.....	2	
Burlington, Iowa.....	1		Evanston, Ill.....	1	
Canton, Ohio.....	5		Everett, Wash.....	5	
Cape Girardeau, Mo.....	3		Findlay, Ohio.....	1	
Cedar Rapids, Iowa.....	2		Flint, Mich.....	1	
Charleston, S. C.....	9		Fond du Lac, Wis.....	2	
Charleston, W. Va.....	1		Fort Dodge, Iowa.....	2	
Chattanooga, Tenn.....	2		Fort Scott, Kans.....	5	
Chicago, Ill.....	5		Fort Smith, Ark.....	4	
Cincinnati, Ohio.....	1		Fort Wayne, Ind.....	1	
Clinton, Iowa.....	3		Fort Worth, Tex.....	5	
Columbus, Ga.....	3		Galesburg, Ill.....	9	
Columbus, Ohio.....	1		Gary, Ind.....	1	
Council Bluffs, Iowa.....	6		Grand Rapids, Mich.....	2	

SMALLPOX—Continued.

City Reports for Week Ended Mar. 20, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Granite City, Ill.	2		Oakland, Calif.	1	
Great Falls, Mont.	1		Oklahoma City, Okla.	5	
Green Bay, Wis.	10		Omaha, Nebr.	8	
Hammond, Ind.	3		Oshkosh, Wis.	4	
Hoquiam, Wash.	1		Paducah, Ky.	1	
Hot Springs, Ark.	1		Parsons, Kans.	1	
Houston, Tex.	1		Peoria, Ill.	2	
Indianapolis, Ind.	4		Piqua, Ohio.	5	
Iowa City, Iowa.	1		Portland, Oreg.	26	
Ironton, Ohio.	2		Portsmouth, Ohio.	3	
Ironwood, Mich.	1		Racine, Wis.	1	
Janesville, Wis.	2		Redlands, Calif.	1	
Kalamazoo, Mich.	1		Riverside, Calif.	5	
Kansas City, Kans.	3		Rock Island, Ill.	9	
Kansas City, Mo.	17		Rocky Mount, N. C.	1	
Kenosha, Wis.	4		St. Cloud, Minn.	2	
Kewanee, Ill.	1		St. Joseph, Mo.	5	
Knoxville, Tenn.	4		St. Paul, Minn.	30	
Kokomo, Ind.	15		Salem, Oreg.	1	
La Crosse, Wis.	1		Salt Lake City, Utah.	23	
Laurel, Miss.	28	4	San Bernardino, Calif.	1	
Lincoln, Nebr.	19		San Francisco, Calif.	2	
Little Rock, Ark.	1		Seattle, Wash.	16	
Logansport, Ind.	3		Sioux City, Iowa.	3	
Los Angeles, Calif.	5		Sioux Falls, S. Dak.	2	
Louisville, Ky.	1		South Bend, Ind.	8	
Macon, Ga.	2		Spartanburg, S. C.	3	
Manitowoc, Wis.	1		Spokane, Wash.	38	
Mankato, Minn.	2		Steubenville, Ohio.	4	
Marion, Ohio.	3		Stockton, Calif.	3	
Marshalltown, Iowa.	7		Superior, Wis.	10	
Mason City, Iowa.	9		Tacoma, Wash.	7	
Memphis, Tenn.	5		Terre Haute, Ind.	1	
Milwaukee, Wis.	23		Tiffin, Ohio.	1	
Minneapolis, Minn.	33		Topeka, Kans.	9	
Missoula, Mont.	5		Vancouver, Wash.	2	
Mobile, Ala.	2		Walla Walla, Wash.	1	
Monmouth, Ill.	1		Washington, D. C.	7	
New Orleans, La.	39	7	Wichita, Kans.	18	
New York, N. Y.	1		Winona, Minn.	7	
Niagara Falls, N. Y.	4		Winston-Salem, N. C.	4	
Norfolk, Va.	2		Yakima, Wash.	8	

TETANUS.

Charleston, S. C., and Greeley, Colo.—Week Ended Mar. 20, 1920.

During the week ended March 20, 1920, one death from tetanus was reported at Charleston, S. C., and one was reported at Greeley, Colo.

TUBERCULOSIS.

See Telegraphic weekly reports from States, p. 897; and Weekly reports from cities, p. 920.

TYPHOID FEVER.

Monthly State Reports—1919 and 1920.

Place.	New cases reported.	Place.	New cases reported.
Arkansas (November, 1919):		Arkansas (November, 1919)—Contd.	
Benton County	3	Conway County	6
Bradley County	1	Craighead County	1
Calhoun County	1	Crawford County	2
Carroll County	1	Crittenden County	3
Clark County	12	Dallas County	2
Clay County	2	Drew County	1
Columbia County	1	Franklin County	6

TYPHOID FEVER—Continued.

Monthly State Reports—1919 and 1920—Continued.

Place.	New cases reported.	Place.	New cases reported.
Arkansas (November, 1919)—Contd.		Illinois (January, 1920)—Continued.	
Hempstead County.....	2	Cook County—	
Howard County.....	3	Chicago.....	7
Independence County.....	4	De Kalb County—	
Izard County.....	12	Kirkland.....	1
Jackson County.....	4	Douglas County—	
Jefferson County.....	3	Tuscola.....	1
Lafayette County.....	5	Fayette County—	
Lawrence County.....	3	Ramsey.....	1
Logan County.....	9	Franklin County—	
Mississippi County.....	3	West Frankfort.....	2
Monroe County.....	1	Zeigler.....	8
Ouachita County.....	2	Gallatin County—	
Perry County.....	3	Eagle Creek Township.....	2
Pulaski County.....	7	Hamilton County—	
Saline County.....	4	McLeansboro.....	1
Sebastian County.....	18	Kane County—	
Sevier County.....	2	Aurora.....	5
Sharp County.....	3	Elburn.....	1
St. Francis County.....	1	Knox County—	
Union County.....	4	Galesburg.....	1
Washington County.....	4	Lake County—	
Woodruff County.....	1	North Chicago.....	1
Total.....	140	Waukegan.....	7
Arkansas (January, 1920):		Zion City.....	1
Clark County.....	1	Wauconda.....	2
Conway County.....	2	Macoupin County—	
Cleburne County.....	2	Carlinville.....	2
Dallas County.....	2	McLean County—	
Drew County.....	1	Chenoa.....	3
Faulkner County.....	5	Morgan County—	
Greene County.....	1	Jacksonville.....	1
Hot Spring County.....	3	Marion County—	
Jackson County.....	2	Salem.....	1
Johnson County.....	4	Piatt County—	
Lee County.....	2	Deland.....	1
Lincoln County.....	2	Rock Island County—	
Pike County.....	2	Rock Island.....	1
Pope County.....	5	Saline County—	
Pulaski County.....	1	Mountain Township.....	1
Sebastian County.....	5	Harrisburg.....	1
Sharp County.....	4	Sangamon County—	
Union County.....	4	Springfield.....	1
Washington County.....	4	Pleasant Plains.....	1
Total.....	52	St. Clair County—	
Arkansas (February, 1920):		East St. Louis.....	1
Cleburne County.....	1	Summerfield.....	2
Conway County.....	3	Tazewell County—	
Faulkner County.....	1	Tremont Township.....	2
Lee County.....	1	Warren County—	
Miller County.....	1	Monmouth.....	1
Pike County.....	1	Will County—	
St. Francis County.....	4	Joliet.....	1
Union County.....	1	Williamson County—	
Total.....	13	East Marion Township.....	1
Colorado (February, 1920):		Total.....	69
Denver County.....	2	Illinois (February, 1920):	
El Paso County.....	1	Coles County—	
Total.....	3	Mattoon.....	2
Illinois (January, 1920):		Cook County—	
Adams County—		Chicago.....	4
Quincy.....	1	Fayette County—	
Alexander County—		Wheatland Township.....	1
Cairo.....	1	Greene County—	
Bureau County—		Hillview.....	2
Ladd.....	1	Kane County—	
Champaign County—		Aurora.....	8
Champaign.....	1	Lake County—	
Coles County—		North Chicago.....	3
Mattoon.....	2	La Salle County—	
Crawford County—		Peru.....	1
Eaton.....	1	Macoupin County—	
		Carlinville.....	1
		Madison County—	
		Wood River.....	1
		McLean County—	
		Normal.....	2
		Bloomington.....	5

TYPHOID FEVER—Continued.
Monthly State Reports—1919 and 1920—Continued.

Place.	New cases reported.	Place.	New cases reported.
Illinois (February, 1920)—Continued.		Mississippi (February, 1920)—Con.	
McHenry County—		Covington County.....	1
Grafton Township.....	1	De Soto County.....	2
Peoria County—		Forest County.....	1
Peoria.....	2	Harrison County.....	1
Groveland.....	1	Hinds County.....	1
Randolph County—		Humphreys County.....	1
Kaskaskia precinct.....	1	Issaquena County.....	1
St. Clair County—		Jasper County.....	3
East St. Louis.....	1	Jones County.....	2
Belleville.....	2	Kemper County.....	7
Chester State Hospital.....	1	Lauderdale County.....	1
Total.....	39	Lawrence County.....	1
Kansas (February, 1920):		Leake County.....	2
Cherokee County—		Lee County.....	1
Galena.....	1	Leflore County.....	1
Comanche County—		Lincoln County.....	1
Protection.....	2	Lowndes County.....	1
Crawford County—		Madison County.....	5
Gross.....	1	Marion County.....	3
Lyon County—		Newton County.....	3
Admire.....	1	Noxubee County.....	2
Marion County—		Oktibbeha County.....	1
Antelope.....	1	Pontotoc County.....	1
Montgomery County—		Prentiss County.....	1
Independence.....	1	Rankin County.....	1
Nemaha County—		Scott County.....	2
Onesida.....	1	Tate County.....	2
Sedgwick County—		Warren County.....	1
Wichita.....	1	Washington County.....	1
Shawnee County—		Webster County.....	1
Topeka.....	1	Wilkinson County.....	1
Wilson County—		Winston County.....	3
Altoona.....	34	Yalobusha County.....	1
Wyandotte County—		Yazoo County.....	7
Kansas City.....	1	Total.....	78
Total.....	45	New Jersey (February, 1920):	
Mississippi (February, 1920):		Atlantic County.....	4
Alcorn County.....	1	Camden County.....	2
Amite County.....	2	Cumberland County.....	2
Attala County.....	3	Essex County.....	3
Bolivar County.....	1	Hudson County.....	3
Chickasaw County.....	1	Mercer County.....	1
Claiborne County.....	1	Monmouth County.....	1
Coahoma County.....	4	Salem County.....	1
Copiah County.....	1	Total.....	17

City Reports for Week Ended Mar. 20, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alpena, Mich.....	2		Memphis, Tenn.....	1	
Atlanta, Ga.....	1		Minneapolis, Minn.....	5	
Baltimore, Md.....	4		New York, N. Y.....	9	1
Boston, Mass.....	3		Niagara Falls, N. Y.....	1	
Brunswick, Ga.....	1		North Tonawanda, N. Y.....	1	
Charleston, S. C.....	2	1	Oakland, Calif.....	1	
Chicago, Ill.....	4		Oshkosh, Wis.....	1	
Cincinnati, Ohio.....	1		Paducah, Ky.....	1	
Cumberland, Md.....	1		Peoria, Ill.....		1
Dallas, Tex.....	1		Philadelphia, Pa.....	3	
Detroit, Mich.....	3	1	Pontiac, Mich.....	1	
East Chicago, Ind.....		1	Providence, R. I.....	1	
East Orange, N. J.....	1		St. Louis, Mo.....	1	
Fort Wayne, Ind.....	1		St. Paul, Minn.....	1	
Galveston, Tex.....	1		Salt Lake City, Utah.....	1	
Grand Rapids, Mich.....	1		Sandusky, Ohio.....		1
Houston, Tex.....	1	1	San Francisco, Calif.....	2	
Indianapolis, Ind.....	1		Spokane, Wash.....	1	
Kalamazoo, Mich.....	1		Springfield, Mass.....	1	
Kokomo, Ind.....	2		Stockton, Calif.....		1
Lancaster, Ohio.....	1		Washington, D. C.....	1	1
Lawrence, Mass.....	2		Wheeling, W. Va.....	1	
Los Angeles, Calif.....	2		Willimantic, Conn.....	1	
Macon, Ga.....	1		Winston-Salem, N. C.....	1	

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

City Reports for Week Ended Mar. 20, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Charleston, W. Va.	31,060	19			2					
Charlotte, N. C.	40,759	38							3	
Chattanooga, Tenn.	61,575	16			4		2		2	3
Chelsea, Mass.	46,405	5	1		13		2		3	1
Cheyenne, Wyo.	111,320	4			6		1			
Chicago Heights, Ill.	22,863	10								1
Chicago, Ill.	2,547,201	733	144	12	332	1	313	7	271	64
Chicopee, Mass.	29,950	5	2				2		2	5
Chillicothe, Ohio	15,625	10							1	1
Cincinnati, Ohio	414,248	140	10		191	3	91	2	9	17
Cleveland, Ohio	692,259	220	35	4	113	4	45		28	18
Clinton, Mass.	13,075	3								
Coffeyville, Kans.	18,351	3			9					
Cohoes, N. Y.	25,292	12			2				1	3
Colorado Springs, Colo.	38,965	10							3	3
Columbia, S. C.	35,165	15			7					
Columbus, Ga.	26,306	83	4		1		2		1	2
Columbus, Ohio	220,135	10			90		17		5	7
Concord, N. H.	22,858	5			51	1	1			
Corpus Christi, Tex.	10,789	4							1	1
Cortland, N. Y.	13,321	9					2		2	2
Council Bluffs, Iowa	31,838	4			5		6			1
Covington, Ky.	59,623	16			20		4		1	
Cranston, R. I.	26,773	9	1							
Cumberland, Md.	26,686	16					2		6	1
Dallas, Tex.	129,738	33	6		3		3		7	3
Danbury, Conn.	22,931	6			7					
Danvers, Mass.	10,037						1			
Danville, Va.	20,183				1		1			
Davenport, Iowa	49,618				3					
Dayton, Ohio	128,939	36	5		61		7		2	
Decatur, Ill.	41,483	7			38		1	1		1
Dedham, Mass.	10,618	2	2				2			
Denver, Colo.	268,439	76	10	2	49	2	2			13
Des Moines, Iowa	104,052	1	1		1		11			
Detroit, Mich.	619,648	256	91	9	120	4	94	1	41	14
Dover, N. H.	13,276	8			1					
Dubuque, Iowa	40,096		3		2		1			
Duluth, Minn.	97,077	21	1		2		6		2	2
Durham, N. C.	26,160	9							2	1
East Chicago, Ind.	30,286	10								
East Cleveland, Ohio	13,864				14					
Easthampton, Mass.	10,656	1			2		8			1
East Orange, N. J.	43,761	13			13		1		1	1
East St. Louis, Ill.	77,312	16	1		16			1	2	3
Eau Claire, Wis.	18,887				6		5		1	
Elgin, Ill.	28,362	9			4		6	1		1
Elizabeth, N. J.	88,830		2	1	57		4		7	2
Elkhart, Ind.	22,273	5			3		5			
El Paso, Tex.	69,149	58			16					11
Englewood, N. J.	12,603	0			13					
Eureka, Calif.	15,142	6			2				1	
Evanston, Ill.	29,304	8			1		1		1	
Everett, Mass.	40,160	11	3	1	19		3		3	
Everett, Wash.	37,205	1			5					
Fairmount, W. Va.	16,111				2		1			
Fall River, Mass.	129,828	39	8		6		4	1	4	1
Fargo, N. Dak.	17,872	4	2		1		14			
Findlay, Ohio	14,858	8			1				1	
Flint, Mich.	57,386	24	12		2		11			2
Fort Dodge, Iowa	21,039		1				2			
Fort Scott, Kans.	10,564	3			3				1	
Fort Smith, Ark.	29,390		2		2		1			
Fort Wayne, Ind.	78,014	44	1		13		19			4
Fort Worth, Tex.	109,597	21	1				1		1	1
Fostoria, Ohio	10,959	6			4		1			
Framingham, Mass.	14,149	12			1		3			1
Freeport, Ill.	19,844	8								
Fremont, Nebr.	10,080	5								
Fremont, Ohio	11,034	4	17				5			

¹ Population Apr. 15, 1910.

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

City Reports for Week Ended Mar. 20, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Galesburg, Ill.	21,629	12					2			
Galveston, Tex.	42,650	11								
Gardner, Mass.	17,534	7					2			
Gary, Ind.	56,000	15	1		1					
Glens Falls, N. Y.	17,160	3	1				1			
Gloucester City, N. J.	11,375				2				2	
Grand Rapids, Mich.	152,861	44			146	1		1	6	1
Granite City, Ill.	15,890	2			21		1		1	1
Great Falls, Mont.	13,948	13			2		2			
Greely, Colo.	11,942	4								
Green Bay, Wis.	30,017		3		3		1			
Greenfield, Mass.	12,251	2	1		6			1		
Greensboro, N. C.	20,171	4								
Greenwich, Conn.	19,594	4	7		1					1
Hackensack, N. J.	17,412	8	1		1				1	
Hammond, Ind.	27,016	14	1		73		5			
Harrison, N. J.	17,343				2					
Hartford, Conn.	112,851	40	6		11		12		3	1
Haverhill, Mass.	49,180	87	7		49		3		2	
Hibbing, Minn.	17,550	2	2							
Highland Park, Mich.	33,859	8	1	1	38		7			3
Hoboken, N. J.	78,324	23	2	2	13		1			3
Holland, Mich.	13,459	3	3							1
Holyoke, Mass.	66,503	18	1		7		7		4	
Hot Springs, Ark.	17,690	10			1					1
Houston, Tex.	116,878	38	4		32		1			5
Hudson, N. Y.	12,898	10						1		1
Huntington, Ind.	10,982	3					3	1		
Huntington, W. Va.	47,686	29	1		1		2			4
Hutchinson, Kans.	21,461	2	2		2					
Independence, Mo.	11,964	6	3	1	4		3		1	1
Indianapolis, Ind.	283,622	96	4	1	199		13		4	5
Iowa City, Iowa	11,626						1			
Ironton, Ohio	14,079	4								
Ironwood, Mich.	15,095	8					1			1
Irvington, N. J.	16,710		2		11					
Ishpeming, Mich.	12,448	1								
Ithaca, N. Y.	16,017	5	2		3		3		1	
Jamestown, N. Y.	37,431	14	1		7		1			1
Janesville, Wis.	14,411		1		2		2			
Jersey City, N. J.	312,557	4	4		70		5		14	
Joplin, Mo.	33,400	4								
Kalamazoo, Mich.	50,408	24			7		7		9	1
Kankakee, Ill.	14,270		2				2			1
Kansas City, Kans.	102,096				35		2			
Kansas City, Mo.	305,816	116	10	1	52		11	1	8	8
Kearny, N. J.	24,325	6			32				3	2
Keene, N. H.	10,725	5							1	
Kenosha, Wis.	32,833		1		2		5			
Kewanee, Ill.	13,607	6			1		2			2
Knoxville, Tenn.	59,112		2		52	6	3		2	2
Kokomo, Ind.	21,929	7	2		4		3			1
La Crosse, Wis.	31,833		1		11					
La Fayette, Ind.	21,481	9			12	1				1
Lancaster, Ohio	16,086		1							
Lawrence, Kans.	13,477	5								1
Lawrence, Mass.	102,923	19	2		8		8		3	1
Leavenworth, Kans.	19,363	2			1				2	1
Leominster, Mass.	21,365	3								
Lexington, Ky.	41,997	17	1		2		1			3
Lima, Ohio	37,145	16	1		2					
Lincoln, Nebr.	46,957	10	4		73		3			
Little Rock, Ark.	58,716		1		1		1			
Lockport, N. Y.	20,028	8							2	
Logansport, Ind.	21,338	11	1		19		3			
Long Beach, Calif.	29,163	25	3		5		2			1
Long Branch, N. J.	15,733	2			1				1	
Lorain, Ohio	38,266	0	1		2					
Los Angeles, Calif.	535,485	177	54	2	36		8		90	21
Louisville, Ky.	240,808	75	11	2	6		9		8	8

Population Apr. 15, 1910.

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

City Reports for Week Ended Mar. 20, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Lowell, Mass.	114,366	41	2		2		4		4	4
Ludington, Mich.	10,566	4					1			
Lynchburg, Va.	33,497	8			1				2	1
Lynn, Mass.	104,534	26	1		2		22		4	4
Macon, Ga.	46,009	28	1		8		7			2
Madison, Wis.	31,315				7		4		1	
Manchester, Conn.	15,859	4								1
Manchester, N. H.	79,607	23	8	1	1	1	1		9	2
Manitowoc, Wis.	13,931		1				11			
Mankato, Minn.	10,365	6			2					
Marion, Ind.	19,923	12	4	1	21	1	1			1
Marion, Ohio.	24,129				2					
Marlboro, Mass.	15,285	4								1
Marshalltown, Iowa.	14,519						1			
Martinsburg, W. Va.	12,984		1				1			
Martins Ferry, Ohio.	10,135				2					1
Mason City, Iowa.	14,938	6	1				2			
Mattoon, Ill.	12,764		1		13		2			
Medford, Mass.	26,681	14	1		1		3		2	
Melrose, Mass.	17,724	10	2		24	1	3		1	
Memphis, Tenn.	151,877	66	8		2		1			8
Meriden, Conn.	29,431		2				3		1	
Methuen, Mass.	14,320	7	2		1		2			
Middletown, N. Y.	15,890						3			
Middletown, Ohio.	16,384	5					2			1
Milwaukee, Wis.	445,008	123	18	2			33		17	9
Minneapolis, Minn.	373,418	86	17	1	60		12		32	3
Mishawaka, Ind.	17,083	6					2			1
Missoula, Mont.	19,075	4								1
Mobile, Ala.	59,201	27	2				1		1	3
Monmouth, Ill.	10,346	3								
Montclair, N. J.	27,967	6	1				2		1	
Montgomery, Ala.	14,039	32								
Morgantown, W. Va.	14,444	1			1					
Morristown, N. J.	13,410	5					1			2
Moundsville, W. Va.	11,515	1			7		1			
Mount Vernon, N. Y.	37,991	11	2		140		2		2	
Muncie, Ind.	25,653	15	3		11		3			
Muscataine, Iowa.	17,713	5								
Nashua, N. H.	27,541	10					3			1
Nashville, Tenn.	118,136	55	3		3		2		2	4
Newark, N. J.	418,789	95	18	1	290		26		47	7
New Bedford, Mass.	121,622	45	2	1	3		3		5	9
New Britain, Conn.	55,385	10	3	2	2		9			
Newburyport, Mass.	15,291	8	1	1			1			
New Castle, Ind.	14,144	5								
New Haven, Conn.	152,275	54	9		46		4		5	3
New Orleans, La.	377,010	160	5	1	5		8		14	9
New Philadelphia, Ohio.	10,133				6					
Newport, R. I.	30,585	5								
Newton, Mass.	44,345	12	1		44		6		1	
New York, N. Y.	5,737,492	1,554	232	27	1,626	33	173	5	274	119
Niagara Falls, N. Y.	38,466	20	9		53		3		4	
Norfolk, Va.	91,148				3		1		3	5
North Adams, Mass.	22,019	6								
Northampton, Mass.	20,006	13			1					1
North Attleboro, Mass.	11,248	1								
North Tonawanda, N. Y.	14,060	2					2			1
Norwalk, Conn.	27,332	10								
Norwich, Conn.	21,923	5					2		1	
Norwood, Ohio.	23,269	4					3			
Oakland, Calif.	206,405	47	7	2	14		1		6	5
Oak Park, Ill.	27,816	9	2		2		8			
Oklahoma City, Okla.	97,588	15	3		83		3			3
Olean, N. Y.	16,927	10								
Omaha, Nebr.	177,777	41	2	2	50		24	1		2
Orange, Conn.	14,363	10	1	1	11		2			2
Orange, N. J.	33,636	15	2		8		2			
Oshkosh, Wis.	36,549		1		27		2			
Oshkosh, Wis.	36,549		1		27		2			
Paducah, Ky.	25,178				8		2			
Parkersburg, W. Va.	21,059	4			10		1			

1 Population Apr. 15, 1910.

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

City Reports for Week Ended Mar. 20, 1920—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Parsons, Kans.	15,952		1							
Passaic, N. J.	74,478	22	1		14				3	2
Paterson, N. J.	140,512		6		89		3		5	
Peckskill, N. Y.	19,034	4								
Peoria, Ill.	72,184	29			2		5			3
Perth Amboy, N. J.	42,646	15	2		1		5		2	3
Petersburg, Va.	25,817	8			2				3	3
Philadelphia, Pa.	1,735,514	597	64	7	607	9	70	6	63	51
Phillipsburg, N. J.	15,879	5	1				1		1	1
Piqua, Ohio.	14,275	2								
Pittsfield, Mass.	39,678	14			27		1		2	
Plainfield, N. J.	24,330	5			2		6			3
Plattsburg, N. Y.	13,111	4			8				3	
Plymouth, Mass.	14,001	4								
Pontiac, Mich.	18,006	14	8		1		1			1
Port Chester, N. Y.	16,727	5	5				1			1
Port Huron, Mich.	18,863	15	2		5					2
Portland, Me.	64,720	20	4		3		11			
Portland, Oreg.	308,399	65	5		18		10		3	2
Portsmouth, N. H.	11,730		1		5					
Portsmouth, Ohio.	29,356	13			1				3	
Poughkeepsie, N. Y.	30,786	9							2	
Providence, R. I.	259,895	69	26		11		8			6
Pueblo, Colo.	56,084				5		1			
Quincy, Mass.	39,022	10	2				20		1	2
Racine, Wis.	47,465		1		6		7			
Rahway, N. J.	10,361	2					1			1
Raleigh, N. C.	20,274	9			5		1			1
Redlands, Calif.	14,573	5			1				2	3
Reno, Nev.	15,514	8			32	1				
Richmond, Ind.	25,080	6	1		19		1			
Richmond, Va.	158,702	39	3		97		3		15	1
Riverside, Calif.	20,496	8			1				1	2
Roanoke, Va.	46,282	13	1		2		2			3
Rochester, N. Y.	264,714	63	5	1	117	1	5		8	1
Rockford, Ill.	56,739	17	4				10			
Rock Island, Ill.	29,452	11	1		12		2		1	1
Rocky Mount, N. C.	12,673	7	1		2				3	2
Rome, Ga.	15,607		1							
Rome, N. Y.	24,259				1		1		2	
Rutland, Vt.	15,038	11			7					
Sacramento, Calif.	68,084	33			15		1		2	4
St. Cloud, Minn.	12,013				1				1	
St. Joseph, Mo.	86,498	32								
St. Louis, Mo.	768,030	209	84	7	691	5	26	1	42	11
St. Paul, Minn.	252,465	68	8		39		4		6	8
Salem, Oreg.	21,274	6			1		1		1	
Salt Lake City, Utah.	121,623	25			1		1		2	1
San Bernardino, Calif.	17,616	8					1		2	
San Diego, Calif.	56,412	39	1		3				2	3
Sandusky, Ohio.	20,226	9			7				1	1
Sanford, Me.	11,217	0								8
San Francisco, Calif.	471,023	137	20		119		16		32	8
Saratoga Springs, N. Y.	13,839	10							1	1
Sault Ste. Marie, Mich.	14,130	6			5		2		1	1
Savannah, Ga.	69,250	46	2				2		2	2
Schenectady, N. Y.	103,774	19	1		14	1	3		1	
Seattle, Wash.	366,445	7			110		18			
Sheboygan, Wis.	28,907	3			13		6			
Sioux City, Iowa.	58,568	2					2			
Sioux Falls, S. Dak.	16,887	10	3		11		2			
Somerville, Mass.	88,618	21	2		24		11		4	2
South Bend, Ind.	70,967	21	1		2		5			2
Southbridge, Mass.	14,465	2								
Spartanburg, S. C.	21,985	4	4							1
Spokane, Wash.	157,656	3			62		2			
Springfield, Ill.	62,623	17			1		3			2
Springfield, Mass.	108,668	35	4		29		4		3	3
Springfield, Ohio.	52,296	10			5		3		1	1
Stamford, Conn.	31,810		2		8				4	
Staunton, Va.	11,823	16			12		1			2

¹ Population Apr. 15, 1910.

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

City Reports for Week Ended Mar. 20, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Steubenville, Ohio.....	28,259	11			2				3	
Stillwater, Minn.....	10,198	3							1	
Stockton, Calif.....	36,209	10			1		1			1
Superior, Wis.....	47,167	6			18		3			
Syracuse, N. Y.....	158,559	49	6	1	2		8		4	3
Tacoma, Wash.....	117,446		1		55		1			
Taunton, Mass.....	36,610	28							2	1
Terre Haute, Ind.....	67,381	21	1		50		4			2
Tiffin, Ohio.....	12,962	3			13				2	
Toledo, Ohio.....	202,010	62	2		177		17	2	9	2
Topeka, Kans.....	49,538				2		1		3	
Traverse City, Mich.....	14,090	3			3					1
Trenton, N. J.....	113,974	49	6		2	1	6		6	3
Troy, N. Y.....	78,094	31	1						1	2
Tucson, Ariz.....	17,324	9								
Tuscaloosa, Ala.....	10,824						1			
Vancouver, Wash.....	13,805						7		2	
Waco, Tex.....	34,015	15	1	1	2		2			2
Walla Walla, Wash.....	26,067						1			
Waltham, Mass.....	31,011	13	2				2		2	1
Washington, D. C.....	369,282	149	12		20		12		25	11
Waterbury, Conn.....	89,201		4		3		9	1	1	1
Watertown, Mass.....	15,188	6			8					
Watertown, N. Y.....	30,404						6			
Wausau, Wis.....	19,666	4			44		1			
Westfield, Mass.....	18,769	5			2					
West Hoboken, N. J.....	44,386	6			14		3		1	1
West New York, N. J.....	19,613	1			11		2			
West Orange, N. J.....	13,964	1								
Wheeling, W. Va.....	43,657	29	2		43		2		1	2
White Plains, N. Y.....	23,331	8	1		13		1			1
Wichita, Kans.....	73,997	24	1				1		1	
Willimantic, Conn.....	12,902	1					5			
Wilmington, Del.....	95,369	40	6		53					3
Winchester, Mass.....	10,812	3	2						1	
Winona, Minn.....	118,583	4			3		9		1	1
Winston-Salem, N. C.....	33,136	17			2				9	3
Winthrop, Mass.....	13,105	1	1		9					
Woburn, Mass.....	16,076	4								2
Worcester, Mass.....	166,106	55	7	1	2		18		7	4
Yakima, Wash.....	22,058				25		4			
Yonkers, N. Y.....	103,066	23	2		50		2			2
Zanesville, Ohio.....	31,320	11			2		1			1

¹ Population Apr. 15, 1910.

FOREIGN AND INSULAR.

INFLUENZA ON VESSEL.

Steamship "Bremen"—Sydney, Australia.

Five cases of pneumonic influenza were reported landed at quarantine at Sydney, Australia, from the steamship *Bremen*, February 2, 1920. Several cases of influenza were later reported at the quarantine station. The *Bremen* left London, England, December 4, 1919, arriving at Hobart, Tasmania, January 22, 1920.

CANADA.

Communicable Diseases—Province of Ontario—October–December, 1919.¹

The following table shows the number of reported cases of communicable diseases in the Province of Ontario, Canada, during the months of October, November, and December, 1919, as compared with the same months of 1918. The number of deaths from these diseases is also shown. Population, estimated, 2,523,200.

Disease.	Oct., 1919.		Oct., 1918.		Nov., 1919.		Nov. 1918.		Dec., 1919.		Dec., 1918.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cerebrospinal meningitis.....	5	3	6	4	11	8	8	5	26	9	9	6
Diphtheria.....	452	49	251	52	621	48	167	30	744	65	278	24
Infantile paralysis.....	14	1	2	.....	2	.....	1	.....	7	.....	.....	.....
Influenza.....	10	3	.....	.....	16	.....	.....	.....	11	5	.....	.....
Acute influenzal pneumonia.....	.....	11	.....	.....	.....	3	.....	.....	11	3	.....	.....
Measles.....	96	1	188	4	412	2	68	8	1,026	14	18	3
Pneumonia (acute primary).....	.....	125	.....	.....	.....	162	.....	.....	11	180	.....	.....
Relapsing fever and dysentery.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Scarlet fever.....	277	2	187	3	438	7	157	9	554	17	194	4
Smallpox.....	38	.....	6	.....	1,673	.....	6	.....	1,414	2	5	.....
Tuberculosis.....	169	135	259	181	157	124	159	124	111	95	161	138
Typhoid fever.....	98	21	111	31	53	24	46	13	51	21	18	3
Typhus fever.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Whooping cough.....	166	6	72	31	127	7	60	23	219	9	57	5

Venereal Diseases—Province of Ontario—October–December, 1919.

Venereal diseases have been notified in Ontario as follows: October, 1919, 251 cases (October, 1918, 203 cases); November, 1919, 275 cases (November, 1918, 96 cases); December, 1919, 224 cases (December, 1918, 178 cases). Population, estimated, 2,523,200.

¹ Public Health Reports, Oct. 31, 1919, p 2475.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	Mar. 1-10, 1920.		Remain- ing under treatment Mar. 10, 1920.
	New cases.	Deaths.	
Bronchopneumonia.....	20	12	1
Cerebrospinal meningitis.....	3	2	18
Chicken pox.....	7	.....	8
Diphtheria.....	1	.....	.....
Influenza.....	34	3	.....
Leprosy.....	.....	.....	10
Malaria.....	13	.....	23
Measles.....	26	1	49
Paratyphoid fever.....	1	.....	2
Pneumonia.....	2	2	.....
Scarlet fever.....	3	1	1
Smallpox.....	.....	.....	6
Typhoid fever.....	16	5	25

¹ From abroad, 5.

² From the interior, 12.

³ From the interior 11.

INFLUENZA.

The following information was taken from reports received during the week ended April 9, 1920:

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Departments—				
Algiers.....	Feb. 21-29.....	3	.....
Constantine.....	do.....	5	.....
Oran.....	do.....	7	.....
Australia:				
Sydney.....	Jan. 25-31.....	.....	.....	Reported present but abated.
Belgium:				
Ghent.....	Feb. 22-Mar. 6.....	.....	.....	Present.
Brazil:				
Bahia.....	Feb. 8-14.....	1	1	
Bulgaria:				
Philippolis.....	Feb. 8-21.....	.....	.....	Do.
Canada:				
British Columbia—				
Victoria.....	Mar. 14-20.....	.....	1	
Nova Scotia—				
Sydney.....	do.....	1	.....
Ontario—				
Hamilton.....	Mar. 14-27.....	5	.....	Feb. 1-28, 1920: Deaths, 67.
Toronto.....	Mar. 21-27.....	120	4	
Prince Edward Island—				
Summerside.....	Mar. 20-26.....	.....	.....	Present. Also reported in dis- tricts.
Quebec—				
Quebec.....	Mar. 6-20.....	524	6	
Saskatchewan—				
Saskatoon.....	Mar. 14-20.....	7	.....	Four imported.
Canary Islands:				
Santa Cruz de Teneriffe.....	Feb. 15-29.....	.....	.....	Present. Mild.
China:				
Canton.....	Jan. 1-31.....	.....	.....	Present. District.
Hongkong.....	Feb. 8-21.....	.....	50	
Cuba:				
Caimanera.....	Mar. 4-10.....	19	.....
Nueva Gerona.....	Feb. 20-29.....	3	.....
Sagua la Grande.....	Mar. 14-20.....	3	1	
Denmark:				
Copenhagen.....	Jan. 11-Feb. 21.....	22,614	788	
France:				
Bordeaux.....	Feb. 9-22.....	.....	20	
St. Etienne.....	Feb. 15-29.....	12	2	

INFLUENZA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Gibraltar.....	Feb. 29-Mar. 6.....			Present.
Great Britain:				
England and Wales.....	do.....		196	In 96 great towns. Population, aggregate, 16,577,344.
London.....	do.....		54	Greater London and Outer Ring, 108.
Scotland.....	do.....			With influenza complications, 8 deaths. In 16 towns. Population, 2,416,900.
Greece:				At Piraeus (port).
Athens.....	Jan. 28-Feb. 3.....		3	
Kalamata.....	Dec. 14-Jan. 13.....		5	
Saloniki.....	Feb. 9-21.....		9	
Honduras:				
Tegucigalpa.....	Feb. 22-28.....		1	
India:				
Karachi.....	Feb. 15-21.....	1	1	
Madras.....	do.....		3	
Italy:				
Florence.....	Feb. 1-29.....	907		
Genoa Province.....	Feb. 9-15.....	82		
Japan:				Present.
Nagasaki.....	Feb. 23-29.....			
Nagoya.....	Feb. 22-23.....		21	
Mexico:				
Chihuahua.....	Mar. 8-20.....		26	
Saltillo.....	Mar. 14-20.....		1	
Vera Cruz.....	Mar. 15-21.....		16	Influenza and pneumonia.
New Zealand:				
Dunedin.....	Feb. 3-9.....	654		
Sweden:				
Goteborg.....	Feb. 8-21.....	146		
Malmo.....	do.....	1,493	13	
Stockholm.....	Feb. 1-14.....	6	3	
Tunis:				
Tunis.....	Mar. 1-7.....		3	
Union of South Africa:				
Durban.....	Nov. 16-Dec. 27.....		9	
Do.....	Jan. 4-17.....		4	
On vessels:				
S. S. Bremen.....	Feb. 2.....	5		At Sydney, Australia, from London, Dec. 2, 1919. Hobart, Jan. 22, 1920. Five cases at quarantine, Sydney, reported later.

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

Reports Received During Week Ended Apr. 9, 1920. ¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Madras.....	Feb. 8-21.....	3	1	
Sumatra:				
Medan.....	Nov. 1-30.....	1	1	

PLAGUE.

British East Africa:				
Kisumu.....	Feb. 1-7.....	1	1	
Mombasa.....	do.....	6	6	
China:				
Hongkong.....	do.....	1	1	
Egypt.....				Jan. 1-Mar. 4, 1920: Cases, 66; deaths, 44.
Cities—				
Suez.....	Feb. 29.....	1	1	
Provinces—				
Assiout.....	Feb. 21-Mar. 2.....	11	6	1 pneumonic.
Fayoum.....	Mar. 2.....	1	1	
Girgeh.....	Mar. 4.....	2	2	
Minieh.....	Mar. 1-4.....	4	1	

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

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

Reports Received During Week Ended Apr. 9, 1920—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India.....				Feb. 1-7, 1920: Cases, 5,447; deaths, 4,310.
Bombay.....	Feb. 1-7.....	4	4	
Madras Presidency.....	Feb. 8-21.....	1,087	840	
Madras.....	Feb. 8-14.....	2		
Indo-China:				
Saigon.....	Jan. 26-Feb. 1.....	1	1	
Peru:				
Trujillo.....	Feb. 9-18.....	4	4	

SMALLPOX.

Algeria:				
Departments—				
Algiers.....	Feb. 21-29.....	12		
Constantine.....	do.....	5		
Oran.....	do.....	16		
Brazil:				
Bahia.....	Feb. 8-21.....	64	29	
Canada:				Mar. 7-13, 1920: Cases, 101; deaths, 1.
Ontario.....				
Peterborough.....	Mar. 8-20.....	12		
Toronto.....	Mar. 21-27.....	21		
Windsor.....	Mar. 21-27.....	2		
Quebec—				
Montreal.....	Mar. 14-20.....	4		
China:				Present. Do.
Amoy.....	Jan. 18-Feb. 6.....		5	
Canton.....	Jan. 1-31.....			
Foochow.....	Feb. 1-14.....			
Hongkong.....	Jan. 25-31.....	1		
Colombia:				Approximate. Epidemic. Jan. 15-31, 1920: Cases, 14.
Barranquilla.....	Feb. 29-Mar. 6.....	150		
Finland:				4 rural. 1 urban; 7 rural.
Provinces—				
Tavastehus.....	Jan. 15-31.....	6		
Vasa.....	do.....	8		
Greece:				
Saloniki.....	Feb. 2-21.....	10	10	
India:				
Bombay.....	Feb. 1-7.....	20	5	
Karachi.....	Feb. 15-21.....	5	5	
Madras.....	Feb. 8-21.....	10		
Indo-China:				
Saigon.....	Jan. 19-25.....	2		
Italy:				Province, 16 cases, including San Fratello, 1.
Genoa.....	Feb. 9-22.....	11		
Leghorn.....	Mar. 1-7.....	1		
Messina.....	Feb. 9-22.....	6	2	
Japan:				
Kobe.....	Feb. 23-29.....	1		
Mexico:				
Chihuahua.....	Mar. 8-20.....		1	
Mexico City.....	Feb. 22-28.....	1		
Newfoundland.....				Mar. 6-12, 1920: Cases, 3, at out-ports. Present at 4 other localities.
Portugal:				
Lisbon.....	Feb. 22-28.....		2	
Portuguese East Africa:				
Inhambane.....	Feb. 8-14.....	3		Present in interior of country.
Spain:				
Barcelona.....	Feb. 19-Mar. 4.....		7	

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

Reports Received During Week Ended Apr. 9, 1920—Continued.

TYPHUS FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Departments—				
Algiers.....	Feb. 21-29.....	1		
Oran.....	do.....	4		
Bulgaria:				
Sofia.....	Feb. 15-21.....	1		
Varna.....	Feb. 8-21.....			Present. Also in other localities.
Greece:				
Saloniki.....	Feb. 2-21.....	70	6	Saloniki district: Cavalla, 1 case; Pravi, 1; Vertekep, 1; Zagorit-sani, 2.
Mexico:				
Mexico City.....	Feb. 22-23.....	19		
Tunis:				
Tunis.....	Mar. 1-7.....		1	
Turkey:				
Constantinople.....	Feb. 15-21.....	21		

Reports Received from Dec. 27, 1919, to Apr. 2, 1920.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	Nov. 4-17.....		2	
Chosen (Korea)				
Chemulpo.....	Oct. 1-31.....	6	4	Oct. 20-Nov. 16, 1919: Cases, 3,525; deaths, 3,144. Aug. 15-
Fusan.....	do.....	34	30	Nov. 16, 1919: Cases, 15,192; deaths, 9,623.
Provinces—				
Keiki.....	Aug. 15-Nov. 16...	224	135	
Kogen.....	do.....	61	38	
Kokai.....	do.....	4,015	2,770	
North Chusei.....	do.....	1	1	
North Heian.....	do.....	3,196	2,434	
North Kankyo.....	do.....	497	275	
North Keisho.....	do.....	63	35	
North Zenra.....	do.....	1,326	692	
South Chusei.....	do.....	990	590	
South Heian.....	do.....	3,031	1,858	
South Kankyo.....	do.....	870	551	
South Keisho.....	do.....	318	156	
South Zenra.....	do.....	657	288	
Greece:				
Saloniki.....	Oct. 10.....	1		
India:				
Bombay.....	Nov. 2-8.....	1	1	Oct. 19-Dec. 27, 1919: Deaths, 23,388. Jan. 4-24, 1920: Deaths, 6,877.
Do.....	Jan. 11-24.....	2	2	
Calcutta.....	Oct. 26-Dec. 27.....	181	166	
Do.....	Dec. 28-Jan. 31.....	73	71	
Madras.....	Nov. 23-Dec. 27.....	14	5	
Do.....	Dec. 28-Feb. 7.....	16	6	
Rangoon.....	Nov. 30-Dec. 27.....	12	9	
Do.....	Dec. 28-Jan. 31.....	3	3	
Indo-China:				
Saigon.....	Oct. 27-Nov. 23.....	5	4	
Japan:				
Kobe.....	Nov. 24-30.....	2		
Taiwan.....				For entire island: Oct. 22-Nov. 30, 1919: Cases, 651; deaths, 385.
Tokyo.....	Nov. 10-20.....	1	1	
Java:				
East Java.....				Oct. 5-11, 1919: One case, 1 death. At Paseroean.
West Java.....				Nov. 5-Dec. 25, 1919: Cases, 17. Jan. 24-29, 1920: Cases, 1.
Batavia.....	Nov. 5-Dec. 25.....	17		
Do.....	Jan. 24-29.....	1	1	
Philippine Islands:				
Manila.....	Nov. 2-Dec. 27.....	20	10	
Provinces.....				
Albay.....	Nov. 2-Dec. 27.....	339	240	Nov. 2-Dec. 27, 1919: Cases, 1,574; deaths, 1,151.
Ambos Camarines.....	Nov. 2-Dec. 27.....	66	34	
Antique.....	Nov. 2-Dec. 27.....	160	113	
Batangas.....	do.....	39	28	
Bohol.....	do.....	31	27	

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

Reports Received from Dec. 27, 1919, to Apr. 9, 1920—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands—Contd.				
Provinces—Continued.				
Cagayan.....	Nov. 3-15.....	35	20	
Capiz.....	Nov. 2-8.....	6	5	
Cavite.....	Nov. 2-Dec. 6.....	25	16	
Cebu.....	Nov. 2-Dec. 20.....	23	14	
Davao.....	Nov. 9-15.....	6	4	
Ilocos Notre.....	Nov. 2-29.....	42	40	
Ilocos Sur.....	Nov. 2-22.....	18	15	
Iloilo.....	Nov. 2-Dec. 20.....	55	33	
Isabela.....	Nov. 2-Dec. 13.....	167	77	
Laguna.....	Nov. 2-Dec. 20.....	23	17	
Mindoro.....	Nov. 2-Dec. 6.....	81	30	
Mountain.....	Nov. 2-Dec. 13.....	6	4	
Occidental Negros.....	Nov. 2-Dec. 27.....	100	53	
Pangasinan.....	Nov. 20-Dec. 20.....	60	46	
Rizal.....	do.....	41	15	
Sorsogon.....	Nov. 2-Dec. 13.....	208	139	
Tarlac.....	Nov. 2-22.....	11	11	
Tayabas.....	Nov. 2-Dec. 27.....	60	35	
Union.....	Nov. 9-15.....	5	5	
Manila.....	Feb. 8-14.....	1		
Provinces.....				
Albay.....	Dec. 28-Feb. 14.....	34	20	Dec. 28, 1919-Feb. 14, 1920: Cases, 727, deaths, 473.
Ambos Camarines.....	do.....	216	138	
Antique.....	do.....	203	52	
Batangas.....	do.....	19	12	
Cavite.....	Jan. 11-17.....	1	1	
Iloilo.....	Dec. 28-Jan. 3.....	9	2	
Isabela.....	Jan. 11-17.....	6	3	
Laguna.....	Dec. 28-Jan. 3.....	2	2	
Mindoro.....	Jan. 4-24.....	24	11	
Mountain.....	Dec. 28-Jan. 10.....	11	6	
Occidental Negros.....	Jan. 4-17.....	21	19	
Palawan.....	Jan. 11-Feb. 14.....	49	28	
Pangasinan.....	Dec. 28-Jan. 3.....	1		
Rizal.....	Feb. 1-7.....	3		
Samar.....	Jan. 4-24.....	44	30	
Sorsogon.....	do.....	51	40	
Tayabas.....	do.....	23	19	
Poland:				
Garwolin.....				Present in November, 1919.
Kowal.....				
Stryl.....				
Russia:				
Novorossisk.....	Nov. 8-11.....	3		
Odesa.....	Oct. 25-Nov. 7.....	93		
Siam:				
Bankok.....	Dec. 7-27.....	163	57	Oct. 5-Dec. 15, 1919: Deaths, 1,080.
Do.....	Dec. 28-Jan. 10.....	53	21	
Straits Settlements:				
Singapore.....	Oct. 5-Dec. 27.....	15	14	
Do.....	Dec. 28-Jan. 17.....	4	2	
Sumatra:				
Deli.....	Oct. 1-31.....	1	1	

PLAGUE.

Argentina:				
Rosario.....	Dec. 1-31.....		7	
Brazil:				
Bahia.....	Nov. 9-15.....	1	1	
Do.....	Jan. 25-31.....	1	1	
Porto Alegre.....	Nov. 1-30.....		3	
Rio de Janeiro.....	Nov. 2-Dec. 27.....	9	4	
Do.....	Jan. 11-17.....	1		
British East Africa:				
Kisumu.....	Sept. 28-Nov. 1.....	6	6	Dec. 14-20, 1919: Present in vicinity.
Ceylon:				
Colombo.....	Oct. 26-Dec. 27.....	36	35	
Do.....	Dec. 28-Feb. 7.....	33	10	
Chile:				
Antofagasta.....	Dec. 8-14.....	1		
Do.....	Feb. 8-14.....	1		

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

Reports Received from Dec. 27, 1919, to Apr. 2, 1920—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Hongkong.....	Dec. 7-13.....	1		
Ecuador:				
Guayaquil.....	Nov. 1-31.....	2		
Do.....	Jan. 1-Feb. 28.....	31	3	
Egypt.....				Jan. 1-Dec. 25, 1919: Cases, 867; deaths, 469. Jan. 1-Feb. 19, 1920: Cases, 46, deaths, 32. From vessel Rachid Pacha.
Cities—				
Alexandria.....	Dec. 3.....	1	1	
Port Said.....	Feb. 13.....	1		
Suez.....	Feb. 1-15.....	1	1	
Province—				
Assiout.....	Nov. 15-21.....	30	17	
Do.....	Jan. 13-Feb. 17.....	29	16	
Greece:				
Saloniki.....	Oct. 6-Dec. 21.....	19	7	
Hawaii:				
Kaloa.....	Feb. 23.....	1	1	
India.....				Oct. 19-Dec. 27, 1919: Cases, 31,542; deaths, 23,443. Dec. 28, 1919-Jan. 31, 1920: Cases, 18,503; deaths, 14,563.
Bombay.....	Oct. 19-Dec. 27.....	6	6	
Do.....	Jan. 4-31.....	2	2	
Calcutta.....	Jan. 25-31.....	1	1	
Karachi.....	Nov. 9-29.....	3	2	
Do.....	Jan. 11-17.....	2		
Madras Presidency.....	Nov. 9-Dec. 27.....	1,068	704	
Do.....	Dec. 28-Feb. 7.....	2,186	1,572	
Madras.....	Jan. 25-Feb. 7.....	2	2	
Rangoon.....	Nov. 2-Dec. 27.....	29	27	
Do.....	Dec. 28-Feb. 7.....	130	121	Oct. 19-Nov. 1, 1919: Cases, 10; deaths, 7.
Indo-China:				
Saigon.....	Oct. 27-Dec. 7.....	11	9	
Java:				
East Java.....				
Surabaya.....	Jan. 1-14.....	11	11	Sept. 28-Dec. 31, 1919: Cases, 1,500; deaths, 1,499. Surabaya Residency, Jan. 1-14, 1920: Cases, 11; deaths, 11.
Mesopotamia:				
Bagdad.....	Jan. 3-9.....	1	1	
Peru:				
Callao.....	Nov. 1-30.....		3	
Paita.....	Dec. 29-Jan. 17.....	23	17	
Salaverry (Trujillo).....	Nov. 23-Dec. 21.....	9	1	Present in surrounding country, and in vicinity.
Do.....	Dec. 29-Feb. 1.....	19	8	
General:				
Dakar.....	Nov. 1-30.....		146	Including Dakar and vicinity.
Siam:				
Bangkok.....	Dec. 14-20.....	4	2	
Straits Settlements:				
Singapore.....	Oct. 26-Dec. 27.....	7	6	
Do.....	Jan. 4-31.....	4	2	
Syria:				
Beirut.....	Dec. 22.....	29		
Turkey:				
Constantinople.....	Nov. 14-Dec. 20.....	11		Present Dec. 11, 1919. Nov. 14-20, 1919: Present in vicinity.
On vessel:				
S. S. Alps Maru.....	Feb. 28-Mar. 5.....	2	2	At Port of London, England. Vessel left Yokohama, Japan, Dec. 3, 1919; arrived Suez Jan. 21, 1920. Destination, Hamburg.
S. S. Kaiser-i-Hind.....	Nov. 28.....	3		At Port Said, Egypt. From Bombay, Nov. 15, for London.

SMALLPOX.

Algeria:				
Department—				
Algiers.....	Nov. 11-Dec. 31.....	65		
Do.....	Jan. 1-31.....	69		
Constantine.....	Nov. 11-Dec. 31.....	15		
Do.....	Jan. 1-20.....	32		
Oran.....	Nov. 11-Dec. 31.....	90		
Do.....	Jan. 1-31.....	74		
South Territory.....	do.....	5		

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

Reports Received from Dec. 27, 1919, to Apr. 2, 1920—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Aden.....	Dec. 24-30.....	1	1	
Do.....	Jan. 6-20.....		3	
Argentina:				
Rosario.....	Jan. 1-31.....		1	
Belgium:				
Brussels.....	Dec. 28-Jan. 3.....		1	
Bolivia:				
La Paz.....	June 29-Dec. 27.....		216	Dec. 29, 1918-June 28, 1919: Cases, 86; deaths, 44. Dec. 14-20, 1919: Cases, 7; deaths, 5.
Do.....	Dec. 28-Feb. 21.....	21	32	
Brazil:				
Bahia.....	Oct. 26-Nov. 22.....	1,704	1,022	
Do.....	Dec. 28-Feb. 7.....	450	348	
Para.....	Feb. 8-14.....		2	
Pernambuco.....	Nov. 10-Dec. 28.....	123	9	
Do.....	Dec. 29-Jan. 11.....	82	4	
Rio de Janeiro.....	Sept. 28-Dec. 27.....	429	119	
Do.....	Dec. 28-Jan. 17.....		13	
Santos.....	Nov. 24-30.....		1	
Do.....	Jan. 5-18.....		2	
Canada:				
British Columbia—				
Vancouver.....	Nov. 30-Dec. 6.....	1		
Do.....	Jan. 4-17.....	1		
Manitoba—				
Winnipeg.....	Jan. 11-Mar. 6.....	6		
New Brunswick—				
St. John.....	Jan. 29-Mar. 13.....	8		
Nova Scotia—				
Halifax.....	Dec. 21-27.....	2		
Do.....	Jan. 4-Feb. 14.....	4		
Sydney.....	Dec. 7-13.....	1		
Do.....	Dec. 28-Mar. 6.....	20		
Counties—				
Cumberland.....	Dec. 14-20.....			Present.
Inverness.....	do.....			Do.
Pictou.....	do.....			Do.
Ontario.....				Nov. 1-29, 1919: Cases, 1,673. Nov. 30-Dec. 6, 1919: Cases, 125, in 45 localities, exclusive of Dysart and Toronto. Dec. 1-31, 1919: Cases, 1,414; deaths, 2. Dec. 28, 1919-Mar. 6, 1920: Cases, 1,997; deaths, 32.
Fort William and Port Arthur.....	Jan. 25-Feb. 14.....	5		
Gloucester County.....				Oct.-Nov., 1919: Cases, 3.
Hamilton.....	Dec. 14-20.....	3		
Do.....	Jan. 4-Mar. 20.....	30		
Kingston.....	Dec. 21-27.....	1		
Do.....	Dec. 28-Mar. 6.....	11		
North Bay.....	Jan. 11-Mar. 6.....	4		
Ottawa.....	Dec. 14-20.....	1		
Do.....	Dec. 28-Mar. 20.....	19		
Peterborough.....	Dec. 21-27.....	3		
Do.....	Dec. 28-Mar. 6.....	38	2	
Prescott.....	Jan. 4-10.....	1		
Sault Ste. Marie.....	Dec. 7-27.....	1		
Do.....	Dec. 28-Jan. 3.....	1		
Toronto.....	Dec. 7-27.....	727		
Do.....	Dec. 28-Mar. 20.....	841	7	
Windsor.....	Dec. 14-27.....	2		
Prince Edward Island—				
Summerside.....	Feb. 14-20.....	3		In one family.
Quebec—				
Bonaventure and Gaspé.....	Jan. 1-Feb. 28.....	28		Counties.
Montreal.....	Dec. 7-27.....	3		
Do.....	Jan. 18-Mar. 13.....	15		
Quebec.....	Dec. 7-27.....	4		
Do.....	Jan. 4-Mar. 6.....	25		
Saskatchewan—				
Moosejaw.....	Dec. 28-Jan. 31.....			
Saskatoon.....	Dec. 14-20.....	1		

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

Reports Received from Dec. 27, 1919, to Apr. 2, 1920—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Nov. 16-Dec. 13.....	10	9	
Do.....	Dec. 28-Feb. 7.....	9	1	
China:				
Amoy.....	Nov. 4-Dec. 22.....			Present. Dec. 22: Four deaths.
Do.....	Dec. 30-Jan. 5.....	1		
Canton.....	Nov. 2-Dec. 27.....			Present.
Do.....	Dec. 28-Jan. 10.....			Do.
Chungsha.....	Jan. 4-10.....	55		
Chungking.....	do.....			Do.
Do.....	Dec. 28-Jan. 24.....			Do.
Dairen.....	Feb. 3-9.....	1		
Foochow.....	Nov. 16-Dec. 27.....			Do.
Do.....	Dec. 28-Jan. 24.....			Do.
Mukden.....	Jan. 18-24.....			Do.
Nanking.....	Dec. 6-27.....			Do.
Do.....	Dec. 28-Feb. 7.....			Do.
Shanghai.....	Dec. 22-28.....	2		
Tientsin.....	Feb. 1-7.....	1		
Chosen (Korea):				
Chemulpo.....	Dec. 1-31.....	1	1	
Do.....	Jan. 1-31.....	2	1	
Fusan.....	Oct. 1-Dec. 31.....	12	1	
Seoul.....	do.....	19	4	
Do.....	Jan. 1-31.....	48	12	
Colombia:				
Barranquilla.....	Nov. 16-Dec. 20.....	50	2	
Do.....	Jan. 11-Feb. 28.....	350	4	Stated to be epidemic, Jan. 18-24, 1920. About 200 cases, Feb. 1-14.
Cuba:				
Havana.....	Jan. 31.....	4		Children living in same house.
Czecho-Slovakia:				
Prague.....	Feb. 8-14.....	1		
Egypt:				
Alexandria.....	Nov. 12-Dec. 16.....	32	22	
Do.....	Jan. 1-Feb. 11.....	35	14	
Cairo.....	Oct. 1-Dec. 23.....	64	31	
Do.....	Jan. 1-7.....	4	2	
Port Said.....	Oct. 1-Dec. 23.....	13	6	
Do.....	Jan. 1-7.....	11	3	
Finland:				
Provinces.....				July 16-Dec. 31, 1919: Cases, 83.
Abo Oeh Borneborg.....	Nov. 1-15.....	1		
Nyland.....	July 16-Dec. 15.....	29		
Sf. Michael.....	Dec. 1-15.....	7		
Tavastehus.....	July 16-Dec. 31.....	7		
Vasa.....	Dec. 1-31.....	2		
Viborg.....	July 16-Dec. 31.....	37		
France:				
Paris.....	Jan. 1-31.....	3	2	
Germany.....				Oct. 5-15, 1919: Cases, 32. In addition to previously reported cases; Sept. 23-Dec. 6, 1919: Cases, 161 (exclusive of Prussia).
Prussia.....	Oct. 29-Nov. 29.....	1,100	323	
Great Britain:				
Glasgow.....	Feb. 29-Mar. 6.....	3		
London.....	Feb. 22-28.....	4		
Greece:				
Saloniki.....	Nov. 10-Dec. 28.....	26	26	
Do.....	Dec. 9-Feb. 1.....	37	29	In vicinity: Drama, 1 case; Zagoritzani, 9 cases, 1 death; Serres, 1 case.
India.....				Oct. 19-Dec. 27, 1919: Deaths, 3,421; Jan. 4-10, 1920: Deaths, 2,981.
Bombay.....	Oct. 12-Dec. 20.....	46	11	
Do.....	Dec. 23-Jan. 31.....	49	14	
Calcutta.....	Oct. 26-Dec. 27.....	186	260	
Do.....	Dec. 28-Jan. 17.....	782	677	
Karachi.....	Dec. 21-27.....	6	2	
Do.....	Jan. 18-Feb. 14.....	22	12	
Madras.....	Nov. 2-Dec. 27.....	31	13	
Do.....	Dec. 28-Feb. 7.....	31	10	
Raneroon.....	Oct. 19-Dec. 27.....	51	18	
Do.....	Dec. 28-Feb. 7.....	61	21	
Indo-China:				
Saigon.....	Oct. 27-Nov. 23.....	2		

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

Reports Received from Dec. 27, 1919, to Apr. 2, 1920—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Italy:				
Genoa.....	Jan. 5-Feb. 8.....	5		Province: Nov. 17-Dec. 28, 1919: Cases, 15; deaths, 3. Jan. 12-18, 1920: Cases, 13.
Leghorn.....	Jan. 4-10.....	1		
Messina.....	Nov. 10-Dec. 28.....	55	8	Province of Messina: Dec. 14-28, 1919: Cases, 68. Jan. 5-Feb. 8, 1920: Cases, 120; 1 death.
Do.....	Dec. 29-Feb. 8.....	29	3	
Milan.....	Oct. 1-Nov. 30.....	12	2	
Naples.....	Dec. 28-Feb. 15.....	13	17	
Palermo.....	Dec. 27-Feb. 9.....	12	3	
San Fratello.....	Dec. 1-28.....	49	5	
Do.....	Dec. 29-Feb. 8.....	27	1	
Trieste.....	Jan. 3-10.....	2		
Turin.....	Dec. 28-Feb. 15.....	5		
Japan:				
Kobe.....	Dec. 15-21.....	1		
Nagasaki.....	Feb. 2-8.....	1	1	
Taiwan.....	Nov. 1-31.....	36	7	Entire island.
Do.....	Jan. 1-31.....	160	46	
Java:				
East Java.....				Sept. 28-Dec. 18, 1919: Cases, 34; Jan. 1-7, 1920: Cases, 1.
Residency— Surabaya.....	Oct. 25-Dec. 18.....	26		
Do.....	Jan. 1-7.....	1		
West Java.....				Oct. 17-Dec. 25, 1919: Cases, 659; deaths, 151. Jan. 2-22, 1920: Cases, 182; deaths, 23.
Batavia.....	Oct. 17-Dec. 12.....	49	22	
Do.....	Jan. 2-22.....	5	4	
Mesopotamia:				
Bagdad.....	Jan. 10-30.....	5		
Mexico:				
Acapulco.....	Nov. 9-15.....	2		
Chihuahua.....	Dec. 21-27.....	3	3	
Do.....	Jan. 11-Mar. 7.....		2	
Ciudad Juarez.....	Jan. 11-Feb. 7.....		2	
Guadalajara.....	Dec. 1-31.....	1		
Do.....	Jan. 1-31.....	1		
Mexico City.....	Nov. 16-Dec. 20.....	11		
Do.....	Feb. 15-21.....	1		
Salina Cruz.....	Feb. 1-15.....	6		
San Luis Potosi.....	Dec. 14-20.....		1	
Do.....	Jan. 18-Mar. 14.....	4	6	
Tehuantepec.....	Dec. 25-31.....	6		
Do.....	Jan. 1-Feb. 15.....	52		
Newfoundland:				
St. Johns.....	Dec. 20-26.....	3		Dec. 13-26, at outports, 6 cases. Present at 8 other localities. Outports, Dec. 27, 1919-Feb. 20, 1920: Cases, 22. Present at other localities.
Do.....	Dec. 27-Mar. 5.....	13		
Panama:				
Colon.....	Dec. 15-21.....	1		
Portugal:				
Lisbon.....	Nov. 30-Dec. 27.....		55	
Do.....	Dec. 28-Feb. 21.....		99	
Oporto.....	Dec. 7-20.....	5	5	
Do.....	Dec. 28-Jan. 3.....	1	1	
Portuguese East Africa:				
Towns—				Present in interior, in 5 districts, Nov. 9-Dec. 20, 1919, with 56 reported cases. In interior, Dec. 28, 1919-Feb. 7, 1920: Present.
Chai-Chai.....	Feb. 1-7.....	1		
Chinde.....	Dec. 28-Jan. 25.....	21		
Inhambane.....	Dec. 7-27.....	7		
Do.....	Jan. 4-Feb. 7.....	5		
Lourenco Marques.....	Nov. 23-Dec. 20.....	9		
Mozambique.....	Dec. 7-27.....	2		
Quelimane.....	.....do.....	4		
Do.....	Jan. 4-31.....	4		
Tete.....	Dec. 7-27.....	1		
Siberia:				
Vladivostok.....	Dec. 19-31.....	17	3	
Spain:				
Barcelona.....	Nov. 6-Dec. 27.....		26	
Do.....	Dec. 28-Feb. 18.....		31	
Bilbao.....	Nov. 1-Dec. 20.....		6	
Cadiz.....	Oct. 1-Nov. 30.....		4	
Valencia.....	Nov. 10-Dec. 27.....	39	9	
Do.....	Dec. 28-Feb. 28.....	92	16	
Vigo.....	Nov. 18-Dec. 27.....	14		
Do.....	Dec. 28-Jan. 31.....	2	3	Jan. 11-17, 1920: Present in vicinity.

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

Reports Received from Dec. 27, 1919, to Apr. 2, 1920—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Sumatra:				
Medan.....	Oct. 1-31.....	8		
Tunis:				
Tunis.....	Dec. 23-29.....	1		
Do.....	Jan. 19-Feb. 29.....	6	4	
Turkey:				
Constantinople.....	Nov. 9-Dec. 14.....	27		
Do.....	Feb. 18-24.....	5	3	
Union of South Africa:				
Johannesburg.....	Oct. 1-Dec. 31.....	21		
On vessel:				
S. S. Roggeveen.....		1		Vessel from Java; at Noumea, New Caledonia. Case left at Noumea. Vessel arrived at Sydney, Jan. 2, 1920.
S. S. Sarcoxie.....	Dec. 23.....	1		At Ponta Delgada, Azores, from Rotterdam for New York.
S. S. Vestnorge.....	Jan. 15.....	1		Mild. At Kingston, Jamaica, from Philadelphia, via Norfolk.

TYPHUS FEVER.

Algeria:					
Departments—					
Algiers.....	Dec. 11-31.....	2			Algiers (city), Jan. 1-31, 1920: Cases, 1; deaths, 1.
Do.....	Jan. 11-20.....	1			
Constantine.....	Nov. 11-Dec. 31.....	2			
Do.....	Jan. 1-31.....	19			
Oran.....	Nov. 21-Dec. 11.....	5			
Do.....	Jan. 21-31.....	16			
Austria:					
Vienna.....	Sept. 7-14.....	5			Sept. 7-Nov. 22, 1919: Cases, 17.
Belgium:					
Ghent.....	Jan. 25-31.....		2		
Bolivia:					
La Paz.....	June 29-Dec. 20.....	30	31		Dec. 29, 1918-June 28, 1919: Deaths, 52.
Do.....	Jan. 4-Feb. 21.....	10	6		
Brazil:					
Ceara.....	Jan. 4-10.....	1			
Porto Alegre.....	Feb. 1-7.....		1		
Bulgaria:					
Sofia.....	Dec. 21-31.....	1	1		
Do.....	Jan. 1-18.....	3			
Varna.....	Feb. 2-8.....	110			
Vratza.....	Jan. 25-31.....				Present. Also in vicinity.
Canada:					
Ontario Province.....					Dec. 1-31, 1919: One case.
Chile:					
Antofagasta.....	Nov. 17-Dec. 14.....	14			
Santiago.....					Jan. 12-Sept. 30, 1919: Cases, 5,153; deaths, 1,023. Outbreak in October, 1918.
Valparaiso.....	Nov. 9-Dec. 27.....	955	114		Dec. 1-13, 1919: Cases, 700; deaths, 18.
Do.....	Dec. 28-Feb. 8.....	235	66		
China:					
Antung.....	Nov. 3-Dec. 14.....	2			
Tientsin.....	Feb. 1-7.....	1			
Czecho-Slovakia:					
Prague.....	Dec. 21-27.....	1			
Do.....	Jan. 25-Feb. 7.....	2	1		
Egypt:					
Alexandria.....	Nov. 12-Dec. 16.....	6	1		
Do.....	Jan. 1-Feb. 11.....	31	8		
Cairo.....	Oct. 1-Dec. 23.....	113	46		
Do.....	Jan. 1-7.....	8	3		
Port Said.....	Oct. 1-Dec. 16.....	3	1		
Esthonia:					
Narva.....	Feb. 16.....	2,500			Feb. 16, 1920: Cases, 7,500 to 8,000. Estimated mortality, 40 per cent.
Reval.....	do.....	2,500			
Finland:					
Province—					
Viborg.....	July 16-31.....	2			

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

Reports Received from Dec. 27, 1919, to Apr. 2, 1920—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Germany.....				Oct. 5-Dec. 6, 1919: Cases, 10—civil population, 3; military, 4; repatriated soldiers, 3.
Great Britain:				
Belfast.....	Dec. 28-Jan. 3.....	1	1	
Glasgow.....	Nov. 30-Dec. 6.....	2		
Greece:				
Cavalla.....	Nov. 17-Dec. 28.....	4		
Drama.....	Nov. 24-Dec. 28.....	6		
Saloniki.....	Oct. 6-Dec. 21.....		43	
Do.....	Dec. 28-Feb. 1.....	11	1	In vicinity, at Vertekep, 4 cases; Zagoritzani, 1.
Thassos Island.....	Dec. 22-28.....	1		
Zihna.....	do.....	1		
Hungary.....				Aug. 25-Sept. 14, 1919: Cases, 6.
Italy:				
Brindisi.....	Dec. 22-28.....	1		
Naples.....	Jan. 19-25.....	2	1	
Trieste.....	Dec. 14-27.....	3		
Do.....	Dec. 28-Feb. 3.....	5	2	
Venice.....	Nov. 17-Dec. 21.....	6	1	
Japan:				
Nagasaki.....	Dec. 1-28.....	4	2	
Do.....	Jan. 12-Feb. 22.....	4	1	
Mexico:				
Chihuahua.....	Dec. 21-27.....	2		
Do.....	Jan. 11-17.....		1	
Mexico City.....	Nov. 16-Dec. 27.....	129		
Do.....	Dec. 28-Feb. 21.....	169		
Saltillo.....	Nov. 1-30.....	2	1	
San Luis Potosi.....	Dec. 14-20.....			Present.
Do.....	Dec. 28-Mar. 7.....			Do.
Paraguay:				
Asuncion.....	Nov. 30-Dec. 6.....	1		
Peru:				
Callao.....	Nov. 1-30.....		1	
Cerro de Pasco.....	Dec. 7-13.....	1		
Poland.....				Nov. 1-30, 1919: Cases, 11,264; deaths, 942. Including Province of Posen.
Galicia (Province).....	Nov. 1-30.....	5,716	616	Oct. 1-31, 1919: Cases, 129; deaths, 12.
Warsaw.....	do.....	107	19	
Portugal:				
Lisbon.....	Dec. 6-12.....		2	
Oporto.....	Dec. 21-27.....	1		
Siberia:				
Vladivostok.....	Dec. 25-31.....	23	13	
Spain:				
Barcelona.....	Nov. 20-26.....	7		
Bilbao.....	Dec. 22-31.....		1	
Corunna.....	Nov. 24-Dec. 7.....	2		
Madrid.....	Jan. 1-31.....		1	
Tunis:				
Tunis.....	Dec. 14-20.....	1		
Do.....	Dec. 29-Feb. 29.....	4	1	
Turkey:				
Constantinople.....	Nov. 14-Dec. 27.....	49		
Do.....	Feb. 8-14.....	25	1	

YELLOW FEVER.

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