

PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Colored Anti-Tuberculosis League—Proposed plan of organization.

On request of the president of the Georgia State College for Colored Youth, Surg. C. P. Wertenbaker was directed by the bureau to lecture before a negro farmers' conference at Savannah, Ga., while on detail to inspect the Quarantine Station at that port. Doctor Wertenbaker reports, March 20:

February 25, I gave an illustrated lecture on tuberculosis at the State Industrial College before an audience that crowded the hall to its capacity, with standing room only.

The audience were all negroes, and consisted of the faculty and students of the college, ministers, physicians, and other prominent negroes from Savannah and adjacent places, and several hundred negro farmers from different parts of the State.

At the close of the lecture I made the suggestion that there be organized at that time a State Anti-Tuberculosis League for Negroes. Such an organization was at once formed, with Prof. R. R. Wright, president of the college, as president, and Dr. S. P. Lloyd of Savannah, Ga., as secretary.

A committee was appointed by the president to select the suitable vice-presidents for each county in the State, and it is proposed that the vice-president proceed to organize a branch of the State league in each negro church in his county.

The plan of organization that I suggested, and that was adopted by the state league, is as follows:

That the vice-president for each county call together leading negro ministers, physicians, teachers, etc., in his county, or in different sections of the county, and induce them to start a branch of the state league in each negro church in the said county.

It is proposed that any colored person may become a member of one of these branch leagues by the payment of annual dues, and shall receive a certificate of membership. This certificate shall be attractively designed, and shall contain, in addition to the certificate of membership, necessary information relative to the cause, prevention, and cure of tuberculosis, and the measures necessary to prevent its spread, as well as other valuable sanitary instructions.

It is furthermore proposed that each member of the league wear a button bearing the words "Colored Anti-Tuberculosis League," which surrounds a double red cross.

It is intended that the fund formed by the annual dues paid by the members into each church league shall be used for the care and treatment of such members of that league as may have tuberculosis, and

for disseminating information for combating the spread of the disease by publications, lectures, establishment of dispensaries and sanatoria, etc.

I have been informed since my return from Georgia that the state league has completed its organization and is now actively engaged in organizing church leagues throughout the State, and that quite a number have been formed. In Savannah the negro ministers' association and the negro physicians have indorsed the movement, and the work of organization is being carried on with enthusiasm in a number of counties.

ADVANTAGES OF THE PLAN PROPOSED.

1. It is well known that tuberculosis is very prevalent among the negroes. Nearly four times as many of them die of the disease as white people. This plan reaches the negro in the most effective way, viz, through his church organization. The church is an organization in which the negro is always interested, and with which a majority of the race are connected.

It meets his religious and his social needs and is his club as well as his church. The minister is usually the best educated and most intelligent man in the church, and his influence with his congregation is great.

By taking advantage of the church organization the negro is reached in the most practical way, and the work of eradicating tuberculosis among its members enlists the cooperation of its most intelligent men, and those having the greatest influence with the negroes.

2. The plan of having a vice-president for each county, whose duty it is to organize a branch league in each negro church in the county, gives a convenient and useful means of subdividing the work and insures greater activity in it, in addition to enlisting a larger number in the work than in any other way.

3. The organization into church leagues enables the minister, who knows the life and circumstances of his members better than anyone else can know them, to render aid in the most effective way to those who have the disease, and teach his people those principles of sanitation that are necessary to preserve their health.

4. As the members of the league who have tuberculosis will receive help from the league, it is believed that all, or nearly all who have the disease, will make the fact known to the officers of the league in order to receive this help. As the by-laws of these leagues contemplate a cooperation on the part of the league with health officials and organizations interested in the prevention and cure of tuberculosis, the number and location of cases will be obtained that could not be had in any other way. In this way valuable statistics can be compiled and health officers enabled to take the necessary measures to prevent the spread of the disease.

5. The feature of printing sanitary information on the certificate of membership insures the reading of that information and its preservation where it can be frequently seen.

6. In addition to the advantages enumerated above, this plan provides means whereby the negro contributes to the care of the consumptives of his race, which at present he does not do to any great extent.

7. As the payment of the small annual dues will give each member of the league the assurance of help in case he contracts tuberculosis, the payment of these dues will doubtless be regarded as a sort of insurance, and it is expected that it will prove a powerful incentive to join the league.

8. It is contemplated that the movement will extend to other States. It is the most comprehensive health movement of its kind that has ever been proposed, and it seems to promise great success. Aside from its educational features in regard to tuberculosis, the instruction in general sanitation and the agitation of the subject must of necessity produce beneficial results, and an improvement in the conditions under which the negro lives.

9. Any improvement in the health conditions among the negroes will also be beneficial to the white race. In the South, where the negroes are chiefly employed as cooks, nurses, house servants, etc., they are brought into intimate contact with the whites, and infection among the negro servants is liable to be communicated to the whites.

Proposed constitution and by-laws.

Form of constitution and by-laws suitable for state colored anti-tuberculosis leagues:

CONSTITUTION (STATE LEAGUE).

ARTICLE I. The name of this organization shall be the Colored Anti-Tuberculosis League of

(Name of State.)

ART. II. The objects of this league are to combat the spread of tuberculosis among the colored race, to better the condition of those who suffer from the disease, and to promote their recovery—

By the establishment of branch leagues in every colored church in the State.

By disseminating information (a) to those who may come in contact with the disease as to the prevention of its spread; (b) to those suffering from the disease as to the best treatment and means of help to promote their recovery; (c) to the public generally.

By teaching the colored race, and especially the children of that race, the principles of sanitation and their application to daily life.

By cooperating with the public health authorities and other organizations in measures adopted for the prevention and cure of the disease.

By the establishment of dispensaries and sanatoria for the treatment of colored consumptives, and also to secure better care of consumptives in their homes.

To promote the physical and moral improvement of the colored race.

ART. III. The meetings of this league shall be held at such times and places as may be directed by the by-laws.

BY-LAWS (STATE LEAGUE).

ARTICLE I.

Any colored person who shall pay \$1 or more into the treasury of the State League or any of its branches may be enrolled as an active member for twelve months from the date of such payment.

SEC. 2. Any colored person who shall pay \$25 into the treasury of the State League or any of its branches may be enrolled as a life member.

ARTICLE II.

The officers of this league shall be a president, one vice-president for each county in the State, a secretary, and a treasurer, who shall perform the usual duties of their respective offices.

SEC. 2. In addition to the usual duties of his office, each vice-president shall organize a branch of the State League in each colored church in his county.

SEC. 3. In the absence of the president the senior vice-president present shall perform the duties of the president.

SEC. 4. There shall be an executive board consisting of the president and secretary, ex officio, and three other members. The duties of this board are administrative.

ARTICLE III.

The regular officers and members of the executive board shall be elected by ballot at the annual meeting of the league.

SEC. 2. All committees shall be appointed by the executive board and all vacancies shall be filled by the executive board.

ARTICLE IV.

The executive board shall appoint such committees as it may consider necessary for properly carrying on the work of the league.

ARTICLE V.

The annual meeting shall be held at such time and place as may be determined by the executive board, notice being given to each branch league not less than ten days before such meeting.

SEC. 2. The executive board may call, in like manner, special meetings of the league.

SEC. 3. The executive board shall meet as often as necessary, at the call of the president of said board.

ARTICLE VI.

These by-laws may be amended at any annual meeting by a majority vote of those present, provided that a notice of the amendment proposed be sent to each branch league with the call for the meeting.

CONSTITUTION (BRANCH CHURCH LEAGUES).

ARTICLE I.

The name of this organization shall be the.....
[Name of church.]
Branch of the Colored Anti-Tuberculosis League of.....
[Name of State.]

ARTICLE II.

Its object is to combat tuberculosis—

By dissemination of information in regard to the disease, the measures necessary to prevent its spread, and the best methods for the care and treatment of persons having the disease.

By improving the sanitary conditions under which our people live, and teaching the essential principles of general sanitation.

By giving practical assistance and encouragement to those suffering from tuberculosis in order that they may derive the greatest benefit from treatment, and to prevent spreading the disease.

By having simple lessons in sanitation taught in the schools and Sunday schools for colored children.

By the establishment of dispensaries and sanatoria where colored people may obtain advice and treatment for consumption and other diseases.

By cooperating with the public health authorities and other organizations in measures adopted for the prevention and cure of consumption.

ARTICLE III.

Meetings shall be held as directed by the by-laws.

BY-LAWS (BRANCH CHURCH LEAGUES).

ARTICLE 1.

Any colored person paying into the treasury of this league the sum of \$1 will be enrolled as an active member for twelve months from the date of said payment.

Any colored person paying into the treasury of this league the sum of \$25 will be enrolled as a life member.

ARTICLE 2.

Each member upon the payment of the required dues shall be given a certificate of membership stating the period for which dues have been paid.

ARTICLE 3.

Each member of this league in good standing shall be entitled to wear a button bearing the words "Colored Anti-Tuberculosis League" with the double red cross.

ARTICLE 4.

The officers of this league shall be as follows: President, vice-president, secretary, treasurer, who shall perform the usual duties of their respective offices.

SEC. 2. There shall be an executive board consisting of the president and secretary, *ex officio*, and three other members.

SEC. 3. The executive board shall appoint all committees and administer all of the affairs of the league, making a report to the league at the annual meeting.

ARTICLE 5.

The officers, including the members of the executive board, shall be elected at the annual meeting to serve for one year, or until their successors are elected.

ARTICLE 6.

The following standing committees shall be appointed by the executive board to serve for one year: (a) Finance, (b) information, (c) sick, (d) sanitation, and such other temporary committees as may be necessary to carry on the work of the league.

ARTICLE 7.

The committee on finance shall audit the books of the treasurer once each month. No money shall be paid out of the treasury of the league except upon the order signed by each member of the finance committee, and such orders shall be held by the treasurer as subvouchers for his authority for making the expenditure.

The committee on information shall collect all practical information and disseminate it among members of the league on the cause and prevention of tuberculosis and other diseases, and such general sanitary information as may seem necessary to improve the health conditions of its members.

The committee on the sick shall visit any member who is reported to be sick and will ascertain if the said member is suffering from tuberculosis, evidence of which shall be a certificate from a reputable physician that the said member has, or probably has, tuberculosis.

When a member is found to be suffering from tuberculosis, all the facts, with the certificate of the physician, shall be reported to the executive board, with a statement of the needs of the member, and with the recommendation of the committee as to the kind of relief to be given by the league.

The committee on sanitation shall inform themselves regarding matters of sanitation, and especially the health laws of their respective communities, and endeavor to induce the members of the league to correct any violations of the said health laws, and the best sanitary practices. This committee shall especially urge the necessity for keeping open the windows of sleeping rooms and the admission of fresh air and sunlight, the avoidance of overcrowding, and especially try to stop the practice of sleeping with the head under the bed covering.

ARTICLE 8.

When it is known that a member has tuberculosis as provided in Article 7, and the facts are reported to the executive board, the said board will consider all the facts of the case and decide what assistance shall be given the said member.

ARTICLE 9.

The times and meetings of the league will be determined by the executive board. A notice of said meeting shall be given each member at least 5 days before the said meeting. It is provided that the annual meeting shall be held in the month of _____ for the election of officers, and other business, and that notices of such annual meeting shall be given each member at least 10 days before said meeting.

ARTICLE 10.

These by-laws may be amended at any regular meeting of the league, provided that a notice of the proposed amendment be sent out with the call for the meeting. A majority vote is required to adopt an amendment.

PROPOSED CERTIFICATE OF MEMBERSHIP.

COLORED ANTI-TUBERCULOSIS LEAGUE

OF

(Name of State.)

(Name of the church branch league.)

This certifies that.....is a member in good standing of this League, and has paid all dues for one year from....., 19...

[SEAL.]

President.

Secretary.

Tuberculosis, or "Consumption," is caused by a germ too small to be seen by the naked eye. It is not an inherited, but a "catching" disease.

You can take it whether any member of your family ever had it or not.

It is spread chiefly by means of the discharges from the nose and throat of consumptives.

The germ is found in dust and elsewhere.

It gets into the lungs and causes consumption.

The germ destroys a part of the lungs, which is coughed up and spit out.

The spit of a consumptive contains many of these germs; therefore it is poisonous.

If the spit is destroyed by burning, the germs are killed.

Do not spit on sidewalks, floors, or walls. Catch the spit in a bottle or something else and burn it.

How to keep from taking consumption.

Live right. Go to bed early.

How to keep from taking consumption—Continued.

Do not dissipate.

Do not drink liquors.

Leave the windows of your sleeping room open at night, no matter how cold it is.

Keep warm by having enough bed clothes.

DO NOT SLEEP WITH YOUR HEAD UNDER THE BED COVERS.

Keep your feet dry.

If they get wet change your shoes and stockings. It is better to go barefoot than to wear wet shoes and stockings.

If you have a cough, or are losing in weight, go to a doctor.

Do not sleep in a room with many other people.

Do not sleep with a consumptive.

Strong and healthy people are less liable to take consumption than the weak and sickly.

If you have consumption—

Catch all your spit and burn it.

Hold a piece of paper before your face when you cough or sneeze, and burn it.

If you have consumption—Continued.

Live out of doors as much as possible.

Sleep out of doors, or in a tent or shed.

If you must sleep in a house, open all the windows at night.

Air the room frequently in the day.

Sleep alone.

DO NOT SLEEP WITH YOUR HEAD UNDER THE BED COVERS.

Eat the best food you can get and a great deal of it. Milk, eggs, fats, and beef are best.

DO NOT TAKE "PATENT MEDICINES" or LIQUORS.

Have your own knife, fork, plate, cup, spoon, glass, towel, etc. Do not wash them with the others. Keep them separate.

Do not try to treat yourself. Go to a good doctor and do just as he tells you.

Do not give up. Consumption can be cured if the patient is not too far gone.

If you have consumption—Continued.

Keep your house clean.

Keep your body clean. Be clean and decent in your habits.

Let fresh air and sunlight into your rooms.

Do not live in dark and damp rooms.

Consumption taken early can be cured. If you think you may have it report the fact to your committee at once, and go to a doctor or a dispensary.

Observe all the health laws of your city, and report any violations of them and all insanitary conditions to the health officer.

Keep flies out of your house and off your food. They carry diseases.

Do not raise dust when sweeping.

Remove dust from furniture, etc., with a damp cloth.

Teach others these things and help to stop the spread of consumption.

Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

Date of last case of human plague: Sickened, January 30, 1908.

Date of last case of rodent plague: October 23, 1908.

Week ended May 15, 1909.

Sick inspected.....	1
Plague.....	0
Dead inspected.....	90
Plague.....	0
Premises inspected.....	2, 215
Houses disinfected.....	72
Buildings condemned.....	8
Nuisances abated.....	294
Rats found dead.....	65
Rats trapped.....	2, 438
Total rats taken.....	2, 503
Rats identified:	
Mus norvegicus.....	1, 781
Mus rattus.....	53
Mus musculus.....	601
Mus alexandrinus.....	28
Total.....	2, 463
Rats identified as to sex:	
Male.....	857
Female.....	909
Total.....	1, 766
Ground squirrels trapped.....	1
Gophers trapped.....	18
Rabbits trapped.....	2
Rats examined bacteriologically.....	1, 558
Plague rats.....	0
Ground squirrels examined bacteriologically.....	1
Plague squirrels.....	0
Gophers examined bacteriologically.....	18
Plague gophers.....	0
Rabbits examined bacteriologically.....	2
Plague rabbits.....	0
Poisons placed.....	19, 840

OAKLAND, CAL.

Date of last case of human plague: Sickened, July 17, 1908.

Date of last case of rodent plague: Trapped, December 1, 1908.

Week ended May 8, 1909.

Dead inspected.....	27
Plague.....	0
Premises inspected.....	308
Nuisances abated.....	23

Necropsies held.....	1
Premises cleaned.....	23
Garbage can installed.....	1
Rats found dead.....	17
Rats trapped.....	640
Rats identified.....	711
Mus norvegicus.....	651
Mus rattus.....	1
Mus musculus.....	54
Mus alexandrinus.....	5
Rats examined bacteriologically.....	641
Plague rats.....	0
Mice examined bacteriologically.....	54
Plague mice.....	0
Poisons placed.....	33, 265

POINT RICHMOND, CAL.

Week ended May 8.

Premises inspected.....	350
Nuisances abated.....	21
Rats found dead.....	14
Rats trapped.....	8
Rats examined bacteriologically.....	8
Plague rats.....	0
Poisons placed.....	5, 250

ALAMEDA COUNTY, CAL.

Week ended May 8.

Dead inspected.....	47
Plague.....	0
Necropsies held.....	3

CONTRA COSTA COUNTY, CAL.

Week ended May 8.

Dead inspected.....	2
Plague.....	0
Ground squirrels shot.....	52
Ground squirrels examined bacteriologically.....	52
Plague squirrels.....	0
Ranches inspected.....	35
Ranches found free of ground squirrels.....	21
Rabbits shot.....	5
Rabbits examined bacteriologically.....	5
Plague rabbits.....	0

Report from Seattle, Wash.—Plague-prevention work.

Passed Assistant Surgeon Glover reports May 10:

SEATTLE, WASH.

Date of finding of last plague rat, September 26, 1908.

Week ended May 8, 1909.

Rats received.....	830
Rats necropsied.....	826
Plague rats found.....	0
Plague-infected rats to date.....	21

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

CALIFORNIA—*Los Angeles*.—Month of April, 1909. Estimated population, 275,000. Total number of deaths reported, 306, including enteric fever 1, scarlet fever 2, and 51 from tuberculosis. Cases of contagious diseases reported: Diphtheria 14, enteric fever 16, scarlet fever 85, and tuberculosis 80.

Stockton.—Month of April, 1909. Estimated population, 25,000. Total number of deaths, 13, including 2 from tuberculosis. Cases: Smallpox 1, and tuberculosis 2.

COLORADO.—Quarter ended March 31, 1909. Estimated population, 640,861. Total number of deaths, 2,948, corresponding to an annual death rate of 18.8 per 1,000 of population, including diphtheria 29, scarlet fever 51, measles 9, whooping cough 46, and 24 from enteric fever. Cases: Diphtheria 271, scarlet fever 571, smallpox 81, and enteric fever 94.

FLORIDA.—Report from the state board of health of communicable diseases for the week ended May 15, 1909, shows as follows: *Diphtheria*—Gainesville, Jacksonville, Ocala, and Tampa each 1 case. *Malaria*—Jacksonville 12, Tampa 14, Quincy 2, Crescent City and Lake Butler each 1 case. *Tuberculosis*—Jacksonville 10, Greenville, Lake Butler, Morriston, Palatka, and Pensacola each 1 case. *Enteric fever*—Jacksonville 1 case.

INDIANA.—Month of February, 1909. Total number of deaths, 3,444, corresponding to an annual death rate of 14.8 per 1,000 of the population, which is estimated at 2,732,549. Deaths from contagious diseases were: Tuberculosis 410, enteric fever 31, diphtheria 16, scarlet fever 6, measles 22, whooping cough 53. Cases: Smallpox 121 in 16 counties; enteric fever 68 in 30 counties; diphtheria 54 in 22 counties.

KANSAS—*Atchison*.—Two months ended May 1, 1909. Estimated population, 16,691. Total number of deaths, 51, including diphtheria 1, enteric fever 1, whooping cough 1, and 7 from tuberculosis. Cases: Smallpox 5, scarlet fever 7, tuberculosis 7, diphtheria 7, enteric fever 2, and whooping cough 1.

MINNESOTA.—Month of January, 1909. Estimated population, 1,979,658. Reports to the state board of health show as follows: Total number of deaths, 1,582, including diphtheria 63, enteric fever 19, scarlet fever 15, whooping cough 9, smallpox 1, and 190 from tuberculosis. Deaths reported from state institutions during the month numbered 25, including enteric fever 1, diphtheria 1, and 9 from tuberculosis.

Month of February, 1909. Total number of deaths, 1,522, including tuberculosis 150, diphtheria 36, scarlet fever 19, smallpox 2, whooping cough 10, and 20 from enteric fever. Deaths reported

from state institutions during the month numbered 30, including enteric fever 1, and 7 from tuberculosis.

NEBRASKA—*Lincoln*.—Month of April, 1909. Estimated population, 60,000. Total number of deaths, 51, including 6 from tuberculosis. Cases: Diphtheria 7, scarlet fever 2, measles 39, and smallpox 24.

NEW JERSEY—*Perth Amboy*.—Four months ended April 29, 1909. Estimated population, 28,000. Total number of deaths, 147, including diphtheria 2, whooping cough 2, and 14 from tuberculosis. Cases: Scarlet fever 21, measles 57, diphtheria 16, smallpox 30, and tuberculosis 11.

OHIO—*Columbus*.—Month of March, 1909. Estimated population, 190,000. Total number of deaths, 204, including enteric fever 1, measles 1, scarlet fever 1, and 34 from tuberculosis. Cases: Diphtheria 7, scarlet fever 14, whooping cough 6, measles 45, enteric fever 10, and tuberculosis 45.

Month of April, 1909. Total number of deaths, 171, including enteric fever 2, and 24 from tuberculosis. Cases: Diphtheria 7, scarlet fever 13, whooping cough 12, measles 107, smallpox 2, enteric fever 8, and tuberculosis 62.

OREGON.—Month of January, 1909. Reports to the state board of health from 34 counties show as follows: Total number of deaths, 418, including tuberculosis 30, enteric fever 8, and 10 from diphtheria. Cases: Tuberculosis 9, enteric fever 34, diphtheria 87, scarlet fever 38, measles 52, and smallpox 84.

Month of February, 1909. Total number of deaths, 419, including tuberculosis 39, enteric fever 12, and 6 from diphtheria. Cases: Tuberculosis 10, enteric fever 21, diphtheria 71, scarlet fever 54, measles 101, and smallpox 35.

SOUTH CAROLINA—*Charleston*.—Month of April, 1909. Estimated population, 57,593 (white 27,925, colored 29,668). Total number of deaths, 106, including 13 from tuberculosis. Cases: Enteric fever 1, scarlet fever 2, and diphtheria 3.

TENNESSEE—*Nashville*.—Month of April, 1909. Estimated population, 127,723. Total number of deaths, 179, including enteric fever 1, whooping cough 1, diphtheria 1, and 29 from tuberculosis. Cases: Scarlet fever 8, smallpox 3, enteric fever 2, diphtheria 2, and pulmonary tuberculosis 9.

VIRGINIA—*Newport News*.—Month of April, 1909. Estimated population, 28,749. Total number of deaths 26, including 2 from tuberculosis. Cases: Scarlet fever 1, and diphtheria 2.

WASHINGTON—*Seattle*.—Month of March, 1909. Estimated population, 276,000. Total number of deaths not reported. Deaths from contagious diseases were: Scarlet fever 4, diphtheria 1, enteric fever 2, and 13 from tuberculosis. Cases: Smallpox 4, scarlet fever 37, diphtheria 18, enteric fever 6, tuberculosis 16, and measles 33.

Month of April, 1909. Total number of deaths not reported. Deaths from contagious diseases were: Enteric fever 1, scarlet fever 1, diphtheria 3, measles 1, and 9 from tuberculosis. Cases: Smallpox 4, enteric fever 2, scarlet fever 59, diphtheria 21, measles 83, and tuberculosis 21.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to May 28, 1909.

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Autauga County	Feb. 27-Apr. 5	11		
Prattville	Feb. 27-Apr. 5	3		
Dallas County	Feb. 20-Apr. 12	12		
Selma	Feb. 28-Apr. 12	26		
Jefferson County— Birmingham	Mar. 1-31	10		
Mobile County— Mobile	Jan. 12-Apr. 17	8		
Montgomery County— Montgomery	Mar. 13-Apr. 2		2	
Tuscaloosa County				86 cases year 1908.
Total for State		70	2	
Arizona:				
Winslow	May 1-3	1	1	
Total for State		1	1	
Arkansas:				
Allbrook	Jan. 1-Mar. 25	40		
Bethel	Jan. 25	3		
Jonesboro	Jan. 20-Mar. 1	20		
Little Rock	Dec. 15-Jan. 2	23		
Magnolia	Jan. 5-13	25		
Paragould	Feb. 1-Mar. 9	27		
Texarkana	Nov. 26-Jan. 11	10		
Total for State		148		
California, general				
Berkeley	Nov. 1-Mar. 31		5	
Berkeley	Apr. 18-24	1		
Los Angeles	Dec. 6-May 15	23	1	
Oakland	Nov. 1-Apr. 26	18		
Sacramento	Nov. 1-May 15	62		
San Francisco	Dec. 13-May 15	33		
Stockton	Nov. 1-May 1	13		
Total for State		150	6	
Colorado, general				
Archuleta County	July 1-Feb. 23	57		
Boulder County	July 1-Dec. 31	1		
Chaffee County	Mar. 1-31	2		
Clear Creek County	July 1-Mar. 31	2		
Conejos County	Mar. 1-31	1		
Denver County— Denver	Mar. 1-31	2		
Douglas County	July 1-Mar. 31	18		
Fremont County	July 1-Dec. 31	5		
Garfield County	July 1-Dec. 31	1		
Huerfano County	Mar. 1-31	3		
Larimer County	July 1-Mar. 31	12		
Las Animas County	July 1-Dec. 31	1		
Logan County	Mar. 1-31	5		
Mesa County	Mar. 1-31	3		
Morgan County	Mar. 1-31	2		
Phillips County	July 1-Mar. 31	13		
Pueblo County	July 1-Dec. 31	4		
Weld County	Mar. 1-31	38		
Weld County	July 1-Mar. 31	20		
Total for State		190		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
District of Columbia:				
Washington.....	Dec. 28-Apr. 17...	11		
Total for District		11		
Georgia:				
Bibb County—				
Macon.....	Mar. 14-May 10.....	27		
Cobb County	Jan. 16-Feb. 7.....	8		
Paulding County	Jan. 16-Feb. 7.....	15		
Total for State		50		
Illinois:				
Alexander County—				
Cairo.....	Jan. 7-Mar. 31.....	233		
Delta.....	Feb. 1-28.....	40		
Fayville.....	Feb. 1-28.....			Present.
Thebes.....	Jan. 1-Feb. 28.....	6		
Bureau County—				
Ladd.....	Nov. 1-30.....	4		
Carroll County—				
Savanna.....	Feb. 1-Mar. 31.....	3		
Cass County	Feb. 1-Mar. 31.....	4		
Champaign County	Mar. 1-31.....	1		
Christian County—				
Edinburg.....	Feb. 1-Mar. 28.....	27		
Taylorville.....	Aug. 1-Mar. 31.....	55		
Clinton County—				
Boulder.....	Feb. 1-28.....	1		
Carlyle.....	Jan. 1-31.....	1		
Coles County—				
Charleston.....	Jan. 1-30.....	1		
Cook County—				
Chicago.....	Jan. 3-May 8.....	11		
Fayette County	Mar. 1-31.....	3		
Franklin County—				
West Frankfort.....	Dec. 12-Feb. 13.....	15		
Fulton County—				
Canton.....	Jan. 1-Feb. 28.....	55		
Cuba.....	Jan. 1-31.....	1		
Farmington.....	Mar. 1-31.....	25		
Lewiston.....	Jan. 1-Mar. 31.....	26		
Norris.....	Feb. 1-Mar. 31.....	19		
Jackson County	Feb. 1-21.....	2		
Murphysboro.....	Jan. 1-Mar. 31.....	70	1	
Jasper County	Jan. 1-31.....			Present in Smallwood and South Muddy townships.
Newton.....	Jan. 1-31.....	1		
Jo Daviess County—				
Galena.....	Jan. 1-31.....	3		
Kane County—				
St. Charles.....	Jan. 1-Mar. 31.....	2		
Kankakee County—				
Grant Park.....	Jan. 1-31.....	1		
Knox County—				
Galesburg.....	Feb. 14-May 15.....	11		
Lake County	Mar. 1-31.....	1		
Waukegan.....	Feb. 2-26.....	3		
Livingston County	Feb. 1-28.....	3		
McLean County—				
Bloomington.....	Jan. 1-Mar. 31.....	14		
Macon County	Feb. 1-Mar. 31.....	7		
Decatur.....	Jan. 1-Mar. 31.....	20		
Macoupin County		21		
Benld.....	Feb. 15-18.....	2		
Palmyra.....	Dec. 25-Jan. 20.....	4		
Scottsville.....	Dec. 25-Jan. 20.....	12		
Madison County—				
Alton.....	Mar. 1-Apr. 30.....	3		
Marion County—				
Centralia.....	July 1-Jan. 20.....	53		
Kinmundy.....	Mar. 1-31.....	2		And vicinity.
Odin.....	Jan. 1-31.....	1		
Sandoval.....	Jan. 1-Mar. 31.....	3		
Mason County	Jan. 1-Mar. 31.....	12		Present in Bath, Havana, and Quiver townships.
Massac County—				
Metropolis.....	Jan. 1-Mar. 31.....	6		
Mercer County	Jan. 1-31.....	1		In North Henderson township.
Montgomery County	Jan. 1-31.....	8		Present in Farmersville and in Bois d'Arc and Pitman townships.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases	Deaths.	Remarks.
Illinois—Continued.				
Morgan County— Jacksonville.....	Feb. 5-11.....	1		
Peoria County— Elmwood.....	Mar. 1-31.....	2		
Peoria.....	Dec. 20-Apr. 30.....	77		Present in Glasford and in Timber and Trivoli townships.
Pope County— Eddyville.....	Feb. 1-28.....			Present in vicinity.
Pulaski County Mounds.....	Jan. 1-31.....			Present in Pulaski.
Mound City.....	Jan. 1-Mar. 31.....	18		
Randolph County— Percy.....	Jan. 1-31.....	7		Feb. 28, still present.
Preston.....	Jan. 1-Mar. 31.....	40		
St. Clair County Percy.....	Mar. 1-31.....	6		
Belleville.....	Feb. 1-Mar. 31.....	16		
Mascoutah.....	Dec. 4-Feb. 28.....	15		
Millstadt.....	Jan. 1-31.....	1		
Saline County— Eldorado.....	Jan. 1-Feb. 28.....	2		
Harrisburg.....	Jan. 1-Mar. 31.....	4		
Sangamon County— Pawnee.....	Mar. 1-31.....	8		
Springfield.....	Jan. 1-31.....	2		
Schuyler County— Browning.....	Mar. 20-May 21.....	22		
Stephenson County— Freeport.....	Oct. 12-Jan. 20.....	75		
Tazewell County.....	Feb. 1-28.....	9		
	Jan. 1-Mar. 31.....			Present in Elm Grove, Green Valley, and Groveland townships.
Pekin.....	Jan. 1-Mar. 31.....	53		
Washington.....	Mar. 1-31.....	1		
Vermilion County— Danville.....	Jan. 11-May 16.....	84		
Rankin.....	Feb. 1-28.....	1		
Williamson County— Bush.....	Mar. 1-31.....	6		
Cartersville.....	Jan. 1-Mar. 31.....	17		
Johnston City.....	Jan. 1-31.....	1		
Marion.....	Jan. 1-Mar. 31.....	19		
Woodford County— Roanoke.....	Mar. 1-31.....	3		
Total for State.....		1,287	1	
Indiana:				
Allen County.....	Dec. 1-Mar. 31.....	2		
Fort Wayne.....	Jan. 10-May 8.....	9		
Bartholomew County.....	Dec. 1-31.....	1		
Benton County.....	Nov. 1-Mar. 31.....	5		
Boone County.....	Nov. 1-Dec. 31.....	2		
Carroll County.....	Oct. 1-Mar. 31.....	36		
Cass County.....	Jan. 1-31.....	1		
Clay County.....	Oct. 1-31.....	8		
Clinton County.....	Feb. 1-Mar. 31.....	20		
Dearborn County.....	Oct. 1-Feb. 28.....	15		
Decatur County.....	Jan. 1-Mar. 31.....	9		
Delaware County.....	Dec. 1-Jan. 31.....	61		
Muncie.....	Mar. 27.....	1		
Elkhart County.....	Oct. 1-Mar. 31.....	20		
Elkhart.....	Jan. 17-Mar. 6.....	8		
Floyd County.....	Feb. 1-28.....	1		
Fountain County.....	Feb. 1-28.....	19		
Franklin County.....	Dec. 1-31.....	1		
Gibson County.....	Dec. 1-Mar. 31.....	6		
Grant County.....	Dec. 1-Jan. 31.....	7		
Union.....	Feb. 6.....	5		
Greene County.....	Jan. 1-31.....	1		
Hamilton County.....	Dec. 1-Mar. 31.....	30		
Harrison County.....	Dec. 1-Jan. 31.....	11		
Hendricks County.....	Nov. 1-Dec. 31.....	5		
Henry County.....	Jan. 1-Feb. 28.....	12		
Howard County.....	Jan. 7-Feb. 28.....	9		
Jennings County.....	Feb. 1-Mar. 31.....	11		
Johnson County.....	Feb. 1-Mar. 31.....	2		
Kosciusko County.....	Mar. 1-31.....	11		
Laporte County.....	Feb. 1-28.....	6		
Madison County.....	Oct. 1-Jan. 31.....	6		
Anderson.....	Dec. 1-31.....	1		
Marion County.....	Dec. 1-31.....	1		
Indianapolis.....	Jan. 18-May 9.....	9		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Miami County	Dec. 1-Jan. 31	8		
Montgomery County	Feb. 1-28	2		
Noble County	Jan. 1-31	11		
Posey County	Feb. 1-28	3		
Rush County	Dec. 1-Feb. 28	43		
Shelby County	Dec. 1-31	1		
Spencer County	Dec. 1-Feb. 28	3		
St. Joseph County	Dec. 1-Feb. 28	32		
South Bend	Mar. 23-May 15	8		
Sullivan County	Oct. 1-31	2		
Tippecanoe County	Oct. 1-Feb. 28	91		
Lafayette	Dec. 15-May 3	66	1	
Tipton County	Nov. 1-Jan. 31	* 4		
Vanderburg County— Evansville	Jan. 10-May 15	11		
Vermilion County	Mar. 1-31	4		
Vigo County	Oct. 1-Dec. 31	7		
Wabash County	Nov. 1-Dec. 31	4		
Warren County	Dec. 1-Feb. 28	38		
Warrick County	Feb. 1-28	1		
Wayne County	Nov. 1-Mar. 31	17		
Wells County	Feb. 1-28	58		
White County	Mar. 1-31	14		
Total for State		780	1	
Iowa, general				
Burlington	Jan. 1-31	1		
Cedar Rapids	Mar. 1-May 1	15		
Council Bluffs	July 1-May 16	36	2	
Davenport	Apr. 12-May 9	3		
Dubuque	Oct. 1-Jan. 31	87	1	
New Hampton	Feb. 23	8		
Sioux City	Apr. 1-30	1		
Total for State		151	5	
Kansas:				
Allen County	Jan. 1-Mar. 31	11		
Atchison County	Mar. 1-31	9		
Atchison	Dec. 20-Mar. 31	6		
Barton County	Nov. 1-30	7		
Bourbon County	Nov. 1-30	1		
Brown County	Nov. 1-Mar. 31	56		
Butler County	Feb. 1-Mar. 31	7		
Chautauqua County	Feb. 1-Mar. 31	19		
Cherokee County	Jan. 1-Mar. 31	30		
Clark County	Mar. 1-31	5		
Crawford County	Jan. 1-Mar. 31	9		
Pittsburg	Nov. 1-Mar. 31	130		
Decatur County	Jan. 1-Mar. 31	12		
Doniphan County	Mar. 1-31	15		
Douglas County	Mar. 1-31	3		
Finney County	Feb. 1-28	2		
Ford County	Jan. 1-Mar. 31	4		
Franklin County	Dec. 1-Mar. 31	4		
Greenwood	Feb. 1-Mar. 31	24		
Harvey County	Nov. 1-Mar. 31	6		
Jackson County	Nov. 1-Mar. 31	106		
Jefferson County	Dec. 1-Mar. 31	23		
Jewell County	Dec. 1-Mar. 31	30		
Labette County— Parsons	Jan. 1-Mar. 31	11		
Lane County	Jan. 1-31	4		
Lincoln County	Mar. 1-31	1		
Lyon County	Feb. 1-28	8		
McPherson County	Jan. 1-31	1		
Marion County	Mar. 1-31	1		
Marshall County	Jan. 1-Mar. 31	4		
Mitchell County	Feb. 1-28	2		
Montgomery County	Nov. 1-Mar. 31	20		
Nemaha County	Dec. 1-Feb. 28	3		
Ness County	Mar. 1-31	5		
Osage County	Feb. 1-Mar. 31	39		
Osborne County	Mar. 1-31	4		
Phillips County	Dec. 1-Mar. 31	9		
Pottawatomie County	Nov. 1-Mar. 31	70		
Pratt County	Dec. 1-31	20		
Rawlins County	Mar. 1-31	20		
Reno County	Nov. 1-Jan. 31	4	1	
Republic County	Mar. 1-31	3		
Riley County	Nov. 1-30	2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Rooks County	Jan. 1-31	3		
Saline County	Nov. 1-Mar. 31	57		
Sedgwick County	Feb. 1-Mar. 31	9		
Wichita	Mar. 7-May 15	21		
Shawnee County	Nov. 1-Mar. 31	120		
Topeka	June 7-Apr. 3	128		
Sheridan County	Dec. 1-Jan. 31	11		
Smith County	Feb. 1-Mar. 31	8		
Stafford County	Dec. 1-31	1		
Sumner County	Nov. 1-Mar. 31	11		
Thomas County	Jan. 1-31	2		
Wallace County	Jan. 1-31	2		
Wabaunsee County	Jan. 1-Mar. 31	8		
Wilson County	Nov. 1-30	5		
Wyandotte County— Kansas City	Jan. 3-May 15	70		
Total for State		1,206	1	
Kentucky:				
Anderson County	Oct. 1-Jan. 20	200	1	Including Lawrenceburg.
Berea	Feb. 1-Apr. 2	20		
Covington	Dec. 29-May 22	37		
Fulton	Feb. 1-Mar. 22	27		
Georgetown	Dec. 2-Mar. 4	31		
Henderson		7		Jan. 1-June 30, 1908.
Lexington	Dec. 28-May 15	51		
Newport	July 1-May 15	72	1	Jan. 1-June 30, 1908, 16 cases, 1 death.
Paducah	Jan. 24-May 15	56		
Total for State		510	2	
Louisiana:				
Alexandria	Feb. 1-28	9		
Arcadia Parish	Dec. 20-Jan. 11	30		Including Bienville, Liberty Hill, and Mount Lebanon.
New Orleans	Dec. 20-May 1	44		Mainly imported.
Shreveport	Jan. 1-20	32	1	
Winnfield	Jan. 1-Mar. 24	33		And vicinity.
Total for State		148	1	
Maine:				
Cyr plantation	Oct. 16-24	11		
Frenchville	Nov. 11-Dec. 5	2		
Grand Isle (Grant Isle)	Oct. 16-Dec. 12	26		
St. Agatha	Oct. 24-Dec. 26	9		
St. David	Dec. 13-19	1		
Upper Frenchville	Oct. 25-Nov. 11	2		
Van Buren	Oct. 18-May 15	95		
Total for State		146		
Maryland				
Baltimore	Mar. 18-21	10		House of Correction, Bridewell.
	Jan. 30-Feb. 6	1		
Total for State		11		
Massachusetts:				
Boston	Mar. 14-20	2		
Haverhill	Mar. 14-20	1		
Lawrence	Mar. 7-13	1		
New Bedford	Jan. 30-Mar. 13	3	1	
Somerville	May 16-22	1		
Total for State		8	1	
Michigan:				
Barry County	Nov. 1-Dec. 31	5		
Cheboygan County	Dec. 1-31	4		
Delta County	Nov. 1-30	1		
Eaton County	Dec. 1-31	1		
Ingham County— Lansing	Nov. 1-Dec. 31	11		
Ionia County	Dec. 1-31	2		
Kalamazoo County	Dec. 1-31	3		
Kent County— Grand Rapids	Jan. 24-Apr. 24	3		
Lapeer County	Dec. 1-31	2		
Macomb County	Nov. 1-30	1		
Manistee County	Nov. 1-30	2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Menominee County	Dec. 1-31.....	1		
Muskegon County	Nov. 1-Dec. 31.....	19		
Saginaw County—				
Saginaw	Jan. 16-May 8.....	20		
St. Clair County	Nov. 1-Dec. 31.....	2		
Port Huron	Nov. 1-Dec. 5.....	3		
Wayne County—				
Detroit.....	Jan. 10-Mar. 27.....	7		
Wexford County.....	Dec. 1-31.....	2		
Total for State.....		89		
Minnesota:				
Becker County	Dec. 7-13.....	1		
Benton County	Oct. 26-Nov. 2.....	1		
Brown County	Oct. 30-Nov. 23.....	11		
Carver County	Dec. 7-13.....	6		
Cass County	Oct. 12-Dec. 7.....	1		
Chippewa County.....	Nov. 3-9.....	1		
Cottonwood County.....	Oct. 20-26.....	1		
Dodge County	Nov. 24-Dec. 7.....	2		
Faribault County.....	Dec. 7-13.....	1		
Hennepin County.....	Oct. 6-12.....	1		
Minneapolis.....	Nov. 1-Apr. 24.....	100		
Hubbard County.....	Oct. 19-Dec. 7.....	11		
Jackson County.....	Dec. 7-13.....	1		
Lac qui Parle County.....	Nov. 2-Dec. 13.....	3		
Lyon County	Nov. 16-Dec. 13.....	2		
Morrison County.....	Nov. 20-Dec. 13.....	20		
Nicollet County.....	Nov. 16-Dec. 13.....	3		
Norman County.....	Dec. 7-13.....	5		
Pipestone County.....	Dec. 7-13.....	6		
Ramsey County.....	Nov. 16-Dec. 7.....	2		
St. Paul.....	Nov. 1-Mar. 31.....	200		
Renville County.....	Dec. 1-7.....	1		
St. Louis County—				
Duluth.....	Nov. 9-May 20.....	29		
Sibley County	Dec. 7-13.....	9		
Stearns County.....	Nov. 9-Dec. 7.....	4		
Steele County	Oct. 20-Dec. 7.....	4		
Stevens County.....	Nov. 9-Dec. 13.....	12		
Todd County	Nov. 9-Dec. 13.....	3		
Wabasha County.....	Nov. 2-Dec. 7.....	10		
Wadena County.....	Nov. 2-Dec. 13.....	15		
Waseka County.....	Oct. 26-Dec. 7.....	9		
Washington County.....	Nov. 24-31.....	1		
Stillwater.....	Dec. 1-31.....	3		
Winona County.....	Dec. 1-7.....	1		
Winona.....	Dec. 1-Feb. 28.....	8		
Yellow Medicine County.....	Oct. 20-26.....	1		
Total for State.....		489		
Mississippi:				
De Soto County.....	Nov. 1-Dec. 22.....	135		
Total for State.....		135		
Missouri:				
Kansas City.....	Jan. 24-May 8.....	22		
Kirkville.....	Nov. 1-Jan. 31.....	96		
Liberty.....	Jan. 15-Mar. 11.....	20		
Rich Hill.....	Dec. 5-31.....	4		
St. Joseph.....	Dec. 1-Apr. 3.....	2		
St. Louis.....	Dec. 20-May 8.....	31		
Springfield.....	Nov. 1-Feb. 28.....	3		
Total for State.....		178		
Montana:				
Beaverhead County.....	Feb. 1-28.....	2		
Carbon County.....	Feb. 1-28.....	1		
Cascade County.....	Nov. 1-Mar. 31.....	14		
Great Falls.....	Apr. 25-May 1.....	1		
Chouteau County.....	Jan. 1-Feb. 28.....	4		
Dawson County.....	Dec. 31-Mar. 31.....	21		
Fergus County.....	Dec. 31-Mar. 31.....	35		
Flathead County.....	Nov. 1-30.....	1		
Gallatin County.....	Nov. 1-Mar. 31.....	26		
Bozeman.....	Nov. 1-Mar. 31.....	19	1	
Granite County.....	Jan. 1-Mar. 31.....	7		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Montana—Continued.				
Jefferson County	Nov. 1-30	4		
Lewis and Clark County	Mar. 1-31	1		
Madison County	Dec. 1-31	2		
Meagher County	Mar. 1-31	1		
Missoula County	Jan. 1-31	12		
Missoula	Jan. 1-Feb. 28	5	1	
Park County	Jan. 1-Mar. 31	17		
Powell County	Jan. 1-Feb. 28	15		
Ravalli County	Nov. 1-Mar. 31	19		
Sanders County	Jan. 1-Feb. 28	11		
Silverbow County	Nov. 1-Mar. 31	20	1	
Butte	Mar. 16-May 4	45		
Yellowstone County	Nov. 1-30	1		
Billings	Jan. 1-Mar. 31	2		
Total for State		286	3	
Nebraska:				
Arlington	Jan. 25	1		
Lincoln	Nov. 1-Apr. 30	46		And vicinity.
Polk	Mar. 20-Apr. 23	14		
South Omaha	Dec. 20-Apr. 10	15		
Total for State		76		
New Hampshire:				
Hinsdale	Nov. 1-Dec. 15	6		
West Chesterfield	Nov. 1-Dec. 15	1		
West Lebanon	Jan. 15-Feb. 7	2		
Westmoreland	Nov. 1-Dec. 15	1		
Total for State		10		
New Jersey:				
Camden	Feb. 21-May 8	16		
Haddonfield	Mar. 26-27	2		
Hightstown	Mar. 3	1		
Lodi	Apr. 15	1		
New Brunswick	Mar. 7-Apr. 5	7		
Paterson	Mar. 16-Apr. 2	8		
Perth Amboy	Mar. 4-Apr. 29	30		
Plainfield	Mar. 7-Apr. 10	6		
Trenton	Apr. 25-May 1	2	1	
Woodbridge	Mar. 6-26	1		
Total for State		74	1	
New York, general.				
	Nov. 1-Mar. 31	232	2	Including Amsterdam Bridgeport, Broome, Cicero, Gardiner, and Middleburg.
Buffalo	Feb. 14-Mar. 20	4		
Little Falls	Apr. 10-May 8	4		Year 1908.
Mohawk Valley			1	
New York	Feb. 21-Apr. 3	6	1	
Niagara Falls	Feb. 7-May 1	2		
Rome	Jan. 1-31	1		
Schenectady	Feb. 7-13	1		
Syracuse	Jan. 9-31	3		
Total for State		253	4	
North Carolina:				
Ashe County	Jan. 1-31	7		Present in February.
Bertie County	Nov. 1-Feb. 28	3		
Camden County	Jan. 1-Feb. 28	50		
Catawba County	Nov. 1-Dec. 31	4		
Craven County	Feb. 1-28	2		
Currituck County	Nov. 1-Jan. 31	34		
Duplin County	Dec. 1-Feb. 28	68		
Edgecombe County	Dec. 1-31	1		
Forsyth County	Feb. 1-28	18		
Harnett County	Feb. 1-28	16		
Johnston County	Nov. 1-Feb. 28	19		
Jones County	Jan. 1-31	3		
Lee County	Feb. 1-28	10		
Lenoir County	Dec. 1-Feb. 28	60		
Lincoln County	Dec. 1-31	1		
Madison County	Jan. 1-Feb. 28	7		
Martin County	Feb. 1-28	9		
Mecklenberg County— Charlotte	May 8-14	1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Nash County.....	Jan. 1-Feb. 28.....	2		
New Hanover County— Wilmington.....	Jan. 22-Mar. 1.....	4		Imported.
Pasquotank County.....	Nov. 1-Feb. 28.....	129		
Pitt County.....	Jan. 1-31.....	2		
Rowan County.....	Feb. 1-28.....	1		
Sampson County.....	Jan. 1-Feb. 28.....	31		
Scotland County.....	Jan. 1-31.....	6		
Warren County.....	Feb. 1-28.....	3		
Wayne County.....	Jan. 1-Feb. 28.....	27		
Total for State.....		518		
North Dakota.....				
Ward County.....	July 1-Feb. 19.....	168		
Sherwood.....	Jan. 12-Mar. 31.....	27		
Sherwood.....	Jan. 12-Mar. 31.....	46		
Total for State.....		241		
Ohio, general.....				
Ashtabula.....	June 14-Jan. 2.....	337		
Cincinnati.....	Apr. 11-May 8.....	11		
Cleveland.....	Dec. 12-May 14.....	250	1	
Columbus.....	Feb. 28-Apr. 30.....	6		
Columbus.....	Dec. 26-May 8.....	17		Revised. 3 cases additional in Sept. and Oct.
Conneaut.....	Mar. 1-Apr. 29.....	3		
Dayton.....	Jan. 24-Feb. 20.....	5		
Massillon.....	May 10-16.....	1		
Newark.....		3		Year 1908.
Sandusky.....	May 9-15.....	1		
Tiffin.....	Jan. 3-23.....	2		
Toledo.....	May 2-8.....	1		
Warren.....	May 2-8.....	1		
Total for State.....		638	1	
Oregon:				
Clackamas County.....	Sept. 1-Feb. 28.....	6		
Columbia County.....	Jan. 1-31.....	6		
Harney County.....	Sept. 1-30.....	1		
Hood River County.....	Jan. 1-31.....	4		
Jackson County.....	Oct. 1-Dec. 31.....	9		
Lane County.....	Dec. 1-31.....	10		
Linn County.....	Sept. 1-Oct. 31.....	5		
Marion County.....	Sept. 1-Feb. 28.....	16		
Multnomah County.....	Dec. 1-31.....	5		
Portland.....	Nov. 1-Mar. 31.....	100		
Polk County.....	Sept. 1-Feb. 28.....	14		
Tillamook County.....	Oct. 1-31.....	1		
Umatilla County.....	Sept. 1-Jan. 31.....	9		
Wallowa County.....	Oct. 1-Feb. 28.....	8		
Washington County.....	Oct. 1-Feb. 28.....	39		
Yamhill County.....	Sept. 1-Feb. 28.....	19		
Total for State.....		252		
Pennsylvania:				
Gracedale.....	Oct. 24.....	1		
Harrisburg.....	Dec. 18-Jan. 20.....	3		
New Castle.....	Feb. 1-28.....	2		
New Kingstown.....	Dec. 29.....	2		Present.
Philadelphia.....	Dec. 10-May 21.....	2		Imported.
Pittsburg.....	Dec. 13-19.....	1		
Prompton.....	Jan. 2-Feb. 10.....	3		
Total for State.....		12		
South Carolina:				
Winnboro.....	Feb. 1-28.....	5		
Yorkville.....	Mar. 10-Apr. 26.....	14	8	And vicinity.
Total for State.....		19	8	
South Dakota:				
Aberdeen.....	May 1-Jan. 31.....	43		
Total for State.....		43		
Tennessee:				
Fayette County.....	Dec. 1-Mar. 28.....	200		
Greene County.....	Jan. 2.....	103		Including Greeneville.
Knoxville.....	Dec. 23-May 15.....	39		
Memphis.....	Jan. 1-Mar. 13.....	190	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Tennessee—Continued.				
Murfreesboro.....	Mar. 15-31.....	1		
Nashville.....	Dec. 20-May 8.....	46		
Polk County.....	Jan. 22.....	30		
Total for State.....		609	1	
Texas:				
Corpus Christi.....	Apr. 2.....			Present.
Cost.....	Oct. 1-Dec. 19.....			Do.
Cotulla.....	Jan. 25-Feb. 17.....			Do.
Denton County.....	Jan. 1-Feb. 8.....	9		Including Justin and Roanoke
El Paso.....	Feb. 10-Mar. 16.....	8	1	
Falfurrias.....	Dec. 26.....	12		
Fort Worth.....		256		Year 1908.
Do.....	Feb. 1-Apr. 30.....	28		
Galveston.....	Mar. 6-Apr. 16.....	8		
Goliad County.....	Dec. 1-Jan. 20.....	25		
Hidalgo County.....	Jan. 30-May 1.....	16		
Houston.....	Jan. 1-Mar. 27.....	9		
Laredo.....	Dec. 26-Mar. 19.....	6		
Monthalia.....	Oct. 1-Dec. 19.....			Present.
Oak Forest.....	Oct. 1-Dec. 19.....			Do.
San Antonio.....	Dec. 13-May 8.....	95		
San Augustine County.....	Jan. 5.....			Do.
Total for State.....		472	1	
Utah:				
Beaver County.....	Feb. 1-28.....	2		
Carbon County.....	Feb. 1-28.....	1		
Cache County.....	Jan. 1-Mar. 31.....	69		
Davis County.....	Nov. 1-Mar. 31.....	38		
Emery County.....	Feb. 1-28.....	4		
Garfield County.....	Dec. 1-Mar. 31.....	44		
Millard County.....	Jan. 1-Mar. 31.....	9		
Salt Lake County.....	Dec. 1-Mar. 31.....	170		
Salt Lake City.....	Dec. 1-Apr. 30.....	371	1	
Sanpete County.....	Dec. 1-Mar. 31.....	3		
Sevier County.....	Jan. 1-Mar. 31.....	88		
Summit County.....	Dec. 1-Feb. 28.....	32		
Utah County.....	Dec. 1-Mar. 31.....	2		
Weber County.....	Nov. 1-Feb. 28.....	18		
Total for State.....		851	1	
Vermont:				
Brattleboro.....	Dec. 5-Jan. 30.....	59		
Newfane.....	Jan. 11.....	8		And vicinity.
West Windsor Township.....	Jan. 23.....	2		
White River Junction.....	Jan. 4-Feb. 9.....	3		
Total for State.....		72		
Virginia:				
Caroline County.....	Mar. 9.....	1		Present in October, 1908.
Lithia.....	Mar. 1-Apr. 28.....	100		And vicinity.
Lynchburg.....	Jan. 10-30.....	3		Imported.
Norfolk.....	Feb. 5-17.....	3		On tug E. W. Marts.
Port Royal.....	Dec. 28-Jan. 14.....	3		
Portsmouth.....	Apr. 21-May 18.....	5		
Richmond.....	Mar. 14-May 1.....	3	1	Death in county hospital.
Total for State.....		118	1	
Washington:				
Bellingham.....	Jan. 25-Mar. 23.....	10		
Camas.....	Dec. 29-Mar. 8.....	18		
Colville Indian Reservation.....	Feb. 15-Apr. 6.....	118	3	
Seattle.....	Oct. 1-Apr. 30.....	26		
Spokane.....	Dec. 6-May 8.....	36	1	
Tacoma.....	Dec. 14-Apr. 4.....	69		
Total for State.....		277	4	
West Virginia:				
Charleston.....	Jan. 1-31.....	1		Present in January.
Moundsville.....				
St. Albans.....	Feb. 16-Apr. 12.....	19		
Weston.....	Jan. 15-Feb. 13.....	1		
Wheeling.....	May 9-15.....	1		
Total for State.....		22		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin:				
Adams County.....	July 1-Sept. 30	3		
Ashland County.....	Oct. 1-Dec. 31	4		
Barron County.....	July 1-Dec. 31	41		
Buffalo County.....	Oct. 1-Dec. 31	1		
Chippewa County.....	July 1-Dec. 31	28		
Columbia County.....	Oct. 1-31	18		
Dane County.....	July 1-Sept. 30	1		
Dodge County.....	July 1-Sept. 30	1		
Douglas County.....	July 1-Dec. 31	49		
Superior.....	Apr. 25-May 1	3		
Dunn County.....	July 1-Dec. 31	4		
Fond du Lac County.....	July 1-Dec. 31	6		
Green County.....	July 1-Dec. 31	4		
Iron County.....	July 1-Sept. 30	2		
Juneau County.....	Oct. 1-Dec. 31	2		
Kewaunee County.....	July 1-Sept. 30	1		
La Crosse County— La Crosse.....	Dec. 13-May 8	50		
La Fayette County.....	Oct. 1-Dec. 31	1		
Manitowoc County.....	Oct. 1-Dec. 31	33		
Manitowoc.....	Dec. 13-Feb. 27	14		
Marathon County.....	July 1-Sept. 30	2		
Milwaukee County— Milwaukee.....	Dec. 6-May 15	196		
Monroe County.....	July 1-Sept. 30	12		
Outagamie County— Appleton.....	Mar. 6-Apr. 17	3		
Ozaukee County.....	July 1-Sept. 30	3		
Pierce County.....	July 1-Dec. 31	37		
Polk County.....	July 1-Dec. 31	4		
Racine County.....	Oct. 1-Dec. 31	1		
Racine.....	Mar. 21-Apr. 10	6		
Richland County.....	Oct. 1-Dec. 31	1		
Rusk County.....	July 1-Sept. 30	3		
Sheboygan County.....	July 1-Dec. 31	123		
St. Croix County.....	Oct. 1-Dec. 31	12		
Vernon County.....	Oct. 1-Dec. 31	6		
Total for State.....		675		
Grand total for the United States.....		11,267	46	

Weekly morbidity and mortality table, cities of the United States.

[For smallpox see special table.]

Cities.	Week ended—	Popula- tion United States census, 1900.	Total deaths from all causes.	Cases and deaths.											
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.....	May 15	38,973	12	1	1			4		3		1			
Ann Arbor, Mich.....	do	14,509	5	2				1				1		7	
Appleton, Wis.....	do	15,085	4	1	1										
Ashtabula, Ohio.....	do	12,949	3												
Baltimore, Md.....	do	508,957	168	25	24	6	1	5	1	17		138	1	14	2
Bath, Me.....	do	10,477						1				3			
Bayonne, N. J.....	do	32,722		1				3	1	3	1	5			
Beaver Falls, Pa.....	do	13,000						1				1			
Berkeley, Cal.....	May 1	13,214	9					1				2			
Do.....	May 8	13,214	4		1		1	1				1		1	
Biddeford, Me.....	May 15	16,145	9												
Biloxi, Miss.....	do	5,467	2												
Binghamton, N. Y.....	do	38,647	22	1											
Boston, Mass.....	do	560,892	214	42	22	4		39	3	34	3	98	3	4	
Braddock, Pa.....	do	15,654	7	1	1			3			1	1		1	

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Popula- tion United States census, 1900.	Total deaths from all causes.	Cases and deaths.											
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
McKeesport, Pa.	Apr. 10	34,227	13	1	.....	2	.....	3	.....	4	.....	4	.....	6	.....
Do.	Apr. 17	34,227	17	2	2	1	2	.....	1	1	1	.....	7	.....
Do.	Apr. 24	34,227	8	1	1	1	.....	1	.....	2	.....	3	.....	3	.....
Do.	May 1	34,227	17	1	2	1	.....	.....	1	1	1	.....	12	.....
Macon, Ga.	May 16	22,746	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malden, Mass.	May 15	33,664	6	.....	.....	.....	.....	3	.....	1	.....	7	.....	1	.....
Manchester, N. H.	.....	56,987	33	5	5	1	.....	3	.....	3	.....	3	.....	.....	.....
Manitowoc, Wis.	.....	11,786	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marinette, Wis.	.....	16,195	4	1	1	.....	.....	2	.....	1	.....	.....	.....	.....	.....
Massillon, Ohio.	May 16	11,944	4	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Medford, Mass.	May 15	18,244	9	1	1	.....	.....	1	2	1	.....	1	.....	.....	.....
Melrose, Mass.	.....	12,962	4	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
Milwaukee, Wis.	May 8	285,315	104	15	8	9	1	33	3	20	7	51	1	1	.....
Do.	May 15	285,315	103	12	9	7	1	42	7	13	1	67	.....	2	.....
Mobile, Ala.	.....	38,469	26	.....	3	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montclair, N. J.	.....	13,962	6	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	2
Montgomery, Ala.	May 14	30,346	12	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moline, Ill.	May 16	17,248	7	.....	.....	.....	.....	3	.....	.....	.....	4	.....	.....	.....
Morristown, N. J.	May 15	13,000	4	.....	.....	.....	.....	2	.....	.....	.....	29	.....	.....	.....
Mount Vernon, N. Y.	.....	21,228	8	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Muncie, Ind.	.....	20,942	7	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Nanticoke, Pa.	May 16	12,616	4	.....	.....	.....	.....	2	.....	2	.....	22	.....	.....	.....
Nashville, Tenn.	May 15	80,865	38	1	6	1	.....	2	.....	2	.....	.....	.....	.....	.....
Nebraska City, Nebr.	.....	7,200	1	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....
Newark, N. J.	.....	246,070	.....	.....	14	1	1	45	3	12	2	.....	.....	.....	.....
New Bedford, Mass.	.....	63,442	36	2	5	.....	.....	3	.....	1	.....	4	.....	1	.....
Newburyport, Mass.	.....	14,478	4	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
New London, Conn.	.....	17,548	12	.....	2	1	.....	1	.....	.....	.....	.....	.....	2	.....
New Orleans, La.	.....	278,104	138	23	21	5	2	62	7	6	.....	.....	.....	.....	.....
Newport, Ky.	.....	28,301	10	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Newport, Mass.	.....	33,587	11	2	.....	.....	.....	.....	.....	1	.....	44	.....	.....	.....
New York, N. Y.	.....	3,437,202	1,484	550	176	56	4	338	38	318	32	1,578	32	111	14
Niagara Falls, N. Y.	.....	13,457	12	1	1	2	1	3	1	1	.....	2	.....	.....	.....
Norristown, Pa.	.....	22,265	3	.....	1	.....	.....	1	.....	.....	.....	7	.....	.....	.....
North Adams, Mass.	.....	24,200	8	1	.....	.....	.....	.....	.....	2	.....	1	.....	.....	1
Oakland, Cal.	May 10	66,960	40	1	4	.....	.....	2	.....	4	1	3	.....	.....	.....
Orange, N. J.	May 15	24,141	7	3	.....	.....	.....	10	.....	.....	.....	1	.....	.....	.....
Paducah, Ky.	May 8	19,446	8	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	May 15	19,446	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Palmer, Mass.	.....	7,801	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Peekskill, N. Y.	.....	10,358	4	.....	.....	.....	.....	1	.....	.....	.....	6	.....	.....	.....
Philadelphia, Pa.	.....	1,293,967	445	93	60	79	9	67	4	86	11	335	10	19	3
Pittsburg, Pa.	.....	321,616	173	69	12	14	1	12	3	3	2	16	.....	46	4
Pittsfield, Mass.	.....	21,766	4	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Plainfield, N. J.	.....	15,369	4	1	1	1	.....	2	.....	1	.....	.....	.....	.....	.....
Plymouth, Pa.	.....	13,649	.....	2	.....	.....	.....	1	.....	3	.....	2	.....	1	.....
Portsmouth, N. H.	.....	10,637	.....	.....	1	1	.....	1	.....	1	.....	1	.....	.....	.....
Portsmouth, Va.	May 11	17,427	6	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	May 18	17,427	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pottstown, Pa.	May 15	13,696	4	.....	.....	.....	1	1	.....	.....	.....	2	.....	.....	.....
Providence, R. I.	.....	175,597	69	10	13	2	.....	7	1	3	.....	5	1	.....	.....
Racine, Wis.	.....	29,102	5	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reading, Pa.	May 17	78,961	37	.....	2	3	.....	5	2	3	.....	.....	.....	.....	.....
Richmond, Va.	May 15	85,050	36	5	4	4	.....	.....	.....	2	.....	.....	.....	1	.....
Rock Island, Ill.	.....	19,493	5	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sacramento, Cal.	.....	29,282	10	.....	2	2	.....	.....	.....	.....	.....	.....	.....	3	.....
St. Louis, Mo.	.....	575,238	211	56	29	2	.....	17	2	27	2	484	4	7	.....
Salem, Mass.	.....	35,956	19	4	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
San Francisco, Cal.	May 8	342,782	136	24	19	2	2	14	.....	10	2	65	.....	22	.....
San Jose, Cal.	May 1	21,500	6	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	May 8	21,500	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Schenectady, N. Y.	May 15	31,682	8	1	.....	.....	.....	1	.....	1	.....	2	.....	.....	.....
Shamokin, Pa.	.....	18,202	5	1	1	.....	.....	2	.....	2	.....	18	.....	.....	.....
Somerville, Mass.	.....	61,643	21	4	3	1	.....	10	.....	8	.....	24	.....	.....	.....
South Bend, Ind.	.....	35,999	10	9	3	1	.....	3	.....	.....	.....	.....	.....	.....	.....
South Bethlehem, Pa.	.....	13,241	9	.....	1	.....	.....	.....	.....	.....	.....	12	1	1	.....
Springfield, Ill.	May 14	34,159	17	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
Springfield, Mass.	May 15	62,059	27	.....	5	.....	.....	.....	.....	4	1	21	.....	2	.....
Springfield, Ohio.	.....	38,253	8	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Stelton, Pa.	.....	12,068	4	.....	1	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
Superior, Wis.	.....	31,091	19	.....	.....	.....	.....	7	.....	2	.....	.....	.....	.....	.....

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population United States census, 1900.	Total deaths from all causes.	Cases and deaths.												
				Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.		
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Tacoma, Wash.	May 9	37,714	7	1	1			5		2		1				
Taunton, Mass.	May 15	31,036	22	1	1			8				7				
Terre Haute, Ind.	May 8	36,673	22		2					1		1				
Do.	May 15	36,673	21		2							1				
Tiffin, Ohio.	do	10,898				1						1				
Titusville, Pa.	do	8,244	3					1								
Toledo, Ohio.	Mar. 27	131,822	26		3	7		4		2		4				
Do.	Apr. 3	131,822	46		7	7	2	5		3		5				
Do.	Apr. 10	131,822	33		2	5		2		4		2				
Do.	Apr. 17	131,822	36		7	1		2		2		7				
Do.	Apr. 24	131,822	58		10	3	2	3		5		4				
Do.	May 1	131,822	10		1	1		4		2	1	12				
Do.	May 8	131,822	41		4	1	1	3		5	1	9				
Do.	May 15	131,822	48		8	2	1	2		5	1	2				
Trenton, N. J.	do	73,307		8	5	4	1	3		1						
Walla Walla, Wash.	do	10,049	3					1				1				
Waltham, Mass.	do	23,481	8	4				1				15			3	
Washington, D. C.	do	278,718	99	50	12	11		23		7		74			17	
Weymouth, Mass.	do	11,324	5		1											1
Wheeling, W. Va.	May 8	38,878	14	2	2	1	1	1				19	1			
Do.	May 15	38,878	14	3						1		14				
Wichita, Kans. ^a	Apr. 17	24,671						2				48				
Do.	May 15	24,671						3				45				
Wilkes Barre, Pa.	May 14	51,721	15	4				3		6		53				
Williamsport, Pa.	May 15	28,757	9		1			3				1				
Wilmington, Del.	May 8	76,508	22		5					1						
Do.	May 15	76,508	16		1											
Winona, Minn.	May 18	19,714	2													
Woburn, Mass.	May 15	14,254	3	2												
York, Pa.	do	33,708		1				1				1				
Zanesville, Ohio.	do	23,538	11			6										

^a Reported out of date.

FOREIGN AND INSULAR.

ARGENTINE REPUBLIC.

Programme of International Congress of Medicine and Hygiene.

The following is received from the secretary of the executive committee of the congress, under date of February, 1909:

The International American Congress of Medicine and Hygiene of 1910 will take place in the city of Buenos Aires, Argentine Republic, in the month of May, 1910, under the patronage of His Excellency the President of the Republic. The congress will be international American in character, the governments and scientific men of the three Americas being invited.

The members of the congress will be physicians, pharmaceutical chemists, dentists, veterinary surgeons, engineers, architects, and all other professional men connected with the several sections of the congress or who shall express to the executive committee their adhesion to the congress. This should be done in writing. Adhesion can also be obtained by the payment of \$5 in gold, which insures the receipt at a later period of the publications and reports of the congress.

The papers to be presented at the congress will be received only up to January 1, 1910. If more convenient the titles accompanied by extracts of the papers will be received in order to facilitate the timely organization of the sections.

The official languages will be Spanish, French, Portuguese, and English.

The secretary of the congress, whose address is, "Faculty of Medicine, Buenos Aires, Argentina," will send on request bulletins, programmes, forms of membership, etc., and all particulars relating to the congress.

SECTIONS.

1. Biological and fundamental medicine. Bacteriology, general and experimental pathology, descriptive, topographical, and pathological anatomy, physiology, embryology, histology, and parasitology.

2. Medicine and clinics. Medical, therapeutical, semiological, paediatric, nervous and mental clinic, criminal anthropology, epidemiology, dermatology, and syphilology.

3. Surgery and its clinics. Surgical clinic, oto-rhino-laryngological clinic, infantile surgery, ophthalmology, gynaecology, and genito-urinary.

4. Public hygiene. Public hygiene, demography, sanitary organization, legal medicine, international sanitary prophylaxis, industrial hygiene, naval medicine and surgery, scholastic hygiene, tuberculous demography, tuberculosis statistics, and social defence.

5. Pharmacy and chemistry.

6. Sanitary technology.
7. Veterinary police. Contagious diseases. Veterinary medicine.
8. Dental pathology.
9. Exhibition of hygiene.

PROJECT OF THE EXHIBITION OF GENERAL HYGIENE FOR 1910.

[Copy of the general programme, to be supplemented by the regulations and the detailed programme with the classification of the exhibition and of the exhibits.]

The general exhibition of hygiene will be opened in the city of Buenos Aires in May, 1910.

This exhibition of hygiene will be universal as regards the exhibits in connection with hygiene and international as regards representation.

It will be divided with reference to representation and competition for prizes in the following manner:

1. National competition.
2. International Latin-American competition.
3. General competition.

The competitors in the national competition will be the exhibitors of the Argentine Republic with exhibits produced and manufactured exclusively in the country.

The competitors in the International Latin-American competition will be those of all the Latin-American nations with exhibits produced or manufactured exclusively in their respective countries.

The competitors in the general competition will be those of all the other nations of the world and of the Argentine Republic and the other Latin-American nations which in an especial way manifest their desire to compete.

The competitors of the Argentine Republic with exclusively national products and those of Latin America in the same conditions will receive the necessary space for their installations covered and free of charge. The installations will be at their own expense.

The competitors of the other nationalities will receive the space necessary for their installations free of charge and in case they need covered space such will be at their own expense.

The exhibition will be eminently practical and will occupy an extensive site, with easy and frequent access, sufficient for all the installations and customary accessories in these exhibitions.

The exhibition will close on the —— of 1910 and within the following forty days the exhibition premises must be evacuated.

AUSTRALIA.

Report from Newcastle—Further relative to plague case imported from Sydney.

Consul Killmaster reports, April 5:

There is one case of bubonic plague at this port. This case originated at Sydney. The patient came to Newcastle to work as a rat catcher for the city council. He had previously been engaged in cleansing operations in the plague area in Sydney, and had been thus employed where a large number of plague rats were found, and where several fatal cases of the disease originated. He has been in the isolation ward of the Newcastle hospital since March 18 last and has now almost recovered.

In reply to an inquiry from this consulate the medical health officer of the port of Newcastle writes, under date of April 2, 1909, that the plague patient at present in the Newcastle hospital fell ill within twenty-four hours after his arrival at Newcastle from Sydney.

(See Public Health Reports, May 21, 1909, p. 691.)

BARBADOS.

Report from Bridgetown—Inspection of vessels—Status of yellow fever—Inspection of port sanitary conditions by Chief Quarantine Officer of the Canal Zone.

Acting Assistant Surgeon Urquhart reports, May 8:

Week ended May 8, 1909. Bills of health were issued to 6 vessels, with a total number of 92 passengers and 229 members of crews.

No new cases of yellow fever were reported this week. The last case was isolated April 28. The last fatality occurred March 15.

Surg. J. C. Perry, chief quarantine officer, Canal Zone, has been here all the week, inspecting the sanitary conditions of this port. I went with him over the poorer quarters of the town, along the public highways, alleys, and back premises of the poorer classes. To-day, in company with the chairman of the parochial board of health, we went to the worst districts of the town, as well as to 2 houses of the better classes where there had been yellow fever. With one exception all the premises were found clean and free from larvæ of *Stegomyia calopus* or other variety. The party upon whose premises the larvæ were found was reported to the authorities by the official who accompanied us, and will be fined.

BRAZIL.

Reports from Rio de Janeiro—Inspection of vessels—Mortality—Plague, smallpox, and yellow fever—Epidemic smallpox in Santiago, Chile.

Acting Assistant Surgeon Stewart reports, April 15 and 29:

Two weeks ended April 10. Vessels inspected and received bills of health: April 1 the British steamship *Svedish Prince*, for New Orleans, with coffee, no passengers, and no change in personnel; on the same date the Russian bark *Borrowdale* for Pascagoula, in stone ballast, no passengers, and 4 new members of the crew, signed on here; April 2 the British steamship *Byron*, for New York, with 31 cabin and 28 steerage passengers from this port, and with no change in the crew, and with a cargo of coffee; April 3 the British steamship *Hillmere*, for some southern port via West Indies, in water ballast, with no passengers and no change in the crew personnel; April 5 the German steamship *Seigmund*, for New York, with 17 cabin and 19 steerage passengers, and no change in the crew and with cargo of coffee; and April 7 the British steamship *Chaucer*, for New Orleans, with cargo of coffee, with no passengers and no change in the crew personnel.

Mortality, Rio de Janeiro—Plague and smallpox.—Week ended April 4. Estimated population, 1909, 811,443. Total deaths, 272. No cases nor deaths due to yellow fever or plague. Smallpox caused 8 deaths with 9 new reported cases, of which number 2 were in the suburban zone. At the close of the week there were in the hospital, São Sebastião, 32 cases of smallpox and 2 cases of plague under treatment.

Week ended April 11. Total deaths, 254. No deaths nor cases due to yellow fever. Plague had 2 new reported cases with no deaths.

Smallpox caused 5 deaths with 13 new reported cases, of which number 1 was in the suburban zone. At the close of the week there were in the hospital São Sebastião, 32 cases of smallpox and 2 cases of plague under treatment.

Two weeks ended April 25. Vessels inspected and received bills of health: April 15 the British steamship *Malinhead*, in water ballast, for some southern port via West Indies for disinfection, with no passengers and no change in the personnel of the crew; April 17 the Brazilian steamship *Goyaz*, in coffee cargo, for New York, and with general cargo for Brazilian ports en route, with 43 cabin and 42 steerage passengers for New York and north Brazilian ports, and with a new crew taken on here, all of whom were vaccinated or revaccinated; April 20 the British steamship *Italian Prince*, for New York, in coffee cargo, with no passengers and no change in the personnel of the crew. No other vessels left this port for United States ports during the period under report.

Mortality—Plague, smallpox, and yellow fever.—Week ended April 18. Total deaths, 257. Smallpox caused 5 deaths, with 12 new reported cases, of which number 4 were reported from the suburban zone. There was 1 new case of plague reported with no deaths; no cases of yellow fever and no deaths occurred in the city. At the close of the week there were in the hospital São Sebastião, 32 cases of smallpox under treatment, and 3 cases of plague under observation.

Week ended April 25. Total deaths, 255. One case of yellow fever was reported during the week, with no deaths. This is the first case occurring here for the past year. Smallpox caused 8 deaths with 10 new reported cases, of which number 1 was in the suburbs of the city. No cases nor deaths due to plague were reported. At the close of the week there were in the hospital São Sebastião 1 case of yellow fever, 24 cases of smallpox, and 2 cases of plague under treatment.

Smallpox epidemic in Santiago, Chile.—Press despatches of April 27, from Santiago, Chile, state that smallpox is present in the suburbs of the city to an alarming extent and is of a most virulent character.

CHINA.

Report from Amoy—Leprosy, plague, and smallpox.

Passed Assistant Surgeon Foster reports, April 12:

Week ended April 10. No bills of health issued. Quarantinable diseases present in the port of Amoy: Leprosy, plague, and smallpox.

During the past week 2 deaths from smallpox occurred in the international settlement of Kulangsu.

COSTA RICA.

Reports from Limon, fruit port.^a

Acting Assistant Surgeon Goodman reports:

Week ended April 17. Estimated population, 8,000. General sanitary condition of this port and the surrounding country during the week, good.

^a Received out of date.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Apr. 10	Chickahominy.....	New Orleans.....	47	0	0
11	Limon.....	Boston.....	44	13	0
12	Prinz A. Wilhelm.....	New York.....	11	53	21
13	Nicoya.....	do.....	54	0	0
14	Cartago.....	New Orleans.....	89	11	27
16	Fort Morgan.....	Mobile.....	23	1	0
16	Barranca.....	New York.....	65	5	0

Week ended May 8. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
May 1	Bertha.....	New Orleans.....	23	0	0
2	Limon.....	Boston.....	44	4	0
3	Siberia.....	New York.....	54	19	0
5	Cartago.....	New Orleans.....	89	21	66
6	Dictator.....	Mobile.....	20	0	0
7	Matina.....	New York.....	48	1	0

CUBA.

Report from Habana—Inspection of vessels—Work of the mosquito brigade—Stegomyia larvæ found—Antimalarial campaign organized for Oriente Province—Antituberculosis work proposed.

Passed Assistant Surgeon Amesse reports, May 18:

Week ended May 15.

Bills of health issued.....	30
Vessels inspected.....	21
Members of crews of outgoing vessels inspected.....	1,132
Passengers of outgoing vessels inspected.....	639

Reports from the mosquito brigade in Habana show that during the month of April 49,975 houses were inspected and 99 deposits of larvæ found, only 31 of which contained larvæ of the *Stegomyia calopus*.

The sanitary department is organizing an antimalarial crusade in the mining districts of Oriente Province, where pernicious forms of this disease are common, and where, in the past, the coexistence of yellow fever has seriously complicated diagnosis.

The campaign will be carried out on lines similar to those employed by Koch and his colleagues while working in Anam and Siam, but supplemented by the added knowledge of recent years. It is proposed to begin the general work of mosquito destruction at once, and follow it by educational measures.

The tuberculosis league has submitted to the President a plan, approved by the sanitary department, to effectually minimize the ravages of pulmonary consumption. It is proposed to appoint 38 traveling inspectors and construct 9 modern tuberculosis hospitals, one at each of the 6 provincial capitals and others at Cienfuegos, Manzanillo, and Colon.

For the month of April there were reported 373 new cases, with a total of 7,511 under treatment.

Report from Santiago—Inspection of vessels—Leprosy still present.

Acting Assistant Surgeon Wilson reports, May 12:

Week ended May 8:

Bill of health issued to a vessel bound for the United States. No fumigation. No new quarantinable disease has been reported.

Among the contagious diseases existing last week were 3 cases of leprosy.

ECUADOR.

Report from Guayaquil—Fumigation of vessels—Plague and yellow fever.

Passed Assistant Surgeon Wightman reports, April 30, through Passed Assistant Surgeon Lloyd:

During the 2 weeks ended April 17, 3 steamships were fumigated.

Quarantinable disease was reported in Guayaquil for the same period as follows: For the week ended April 10, 8 new cases of plague, with 1 death; 16 new cases of yellow fever, with 7 deaths. For the week ended April 17, 22 new cases of plague, with 8 deaths; 20 new cases of yellow fever, with 3 deaths.

GERMANY.

Report from Berlin—Status of cholera in Russia.

The following is received from Consul-General Thackara, under date of May 10:

According to an official declaration published in the bulletin of the imperial health office, during the week ended April 17 there were registered in the city of St. Petersburg 29 cases of cholera, with 3 deaths, and during the week ended April 24, there were registered 19 cases, with 1 death.

Report on method of fumigation of vessels and destruction of rats in use at Hamburg.

The following is received, under date of April 14, from Passed Assistant Surgeon Victor G. Heiser, chief quarantine officer for the Philippine Islands, who recently visited Hamburg, Germany:

The following is a report on the system of fumigation of vessels in use at Hamburg for the destruction of rats and vermin:

A new and improved apparatus has been devised, which is believed to be thoroughly practical and economical, causing no damage to

cargo and only slight delays to incoming vessels. Vessels having plague among the personnel and among the rats on board have repeatedly arrived at Hamburg, but there was no spread of the infection after the cases were isolated, and the rats and vermin destroyed by carbon gas.

Description of barge.—The hull is a steel vessel about 35 meters in length, with a beam of about 7 meters, and is about the type of hull used for tugboats in the large eastern ports of the United States. It has living quarters for a captain, a steam engineer, an electrician, 2 sailors, 1 fireman. It is provided with baths, electric-light plant, ventilators, and all other necessary installations usually found on board vessels of this size for the safety and comfort of the crew. One cabin is set aside for the storage of several sets of divers' helmets, resuscitating apparatus, and other first-aid medical appliances. The midship section is used for the carbon generator and occupies about one-fourth of the linear length of the vessel. Cost of barge, with generator, complete, about \$32,500.

Description of apparatus.—It consists of (1) a furnace, or generator; (2) cooler and cleaner, or scrubber; a large iron cylinder through which the gases from the wet coke are forced from above; (3) exhauster, which draws the gas through the two parts named above and forces it to the place at which it is to be used; (4) pump, which forces the water that wets the coke; (5) engine, which drives the exhauster and pump. In order to supply the necessary power cheaply, there is placed between generator and scrubber a (6) boiler, the steam in which is partly generated by the drawing of the hot gases through its tubes.

The apparatus is built so that the closed spaces upon a ship can be filled with gas, and that after it has served its purpose the gas can be displaced by forcing into the spaces ordinary atmospheric air.

The present apparatus is an improvement over one previously built, in that in the old system the gas in the apparatus was under pressure and any small leakage might have resulted in accidents more or less serious, while in the new the gas in the apparatus is under a minus pressure, owing to improved arrangement of the exhauster.

Practical advantages.—The barge can be easily towed alongside of any vessel in the harbor. A large number of 15 c. m. hose, in 20-meter lengths, are conducted from the barge through the ventilators, or other convenient places in the ship to be fumigated. All openings are carefully sealed, and as the capacity of the apparatus is 3,000 cubic meters of gas per hour, even the very largest ships can be filled with gas in a few hours' time.

The gas is easily removed from ships by the ventilators, and by forcing into it, through the same hose which was used to introduce gas, fresh air, which readily displaces the gas.

The cost of material in generating gas is also very small, being only about 75 cents for sufficient coke to generate 1,000 cubic meters of gas, and \$1.50 for the remainder.

Rats killed.—Since this system has been used, 21 plague-infected vessels have been fumigated, from which 4,230 dead rats were taken, of which 171, or 4 per cent, were infected. On these same vessels 481 dead mice were found, only 1 of which was plague infected. The smallest number of dead rats upon any one ship was 16, and the greatest 902.

Character of cargo.—The cargo consisted of (a) bags: Coffee, cacao, flour of different kinds, rice, wheat, corn, beans, potatoes, nuts, etc.; (b) barrels and boxes: Wax, oil cake, rugs, metals, cigars, cigarettes, fresh fruits, raisins, senna, tripe, oak extract, oil, wine, etc.; (c) bales: Wool, hides, felt, tobacco, jute, rubber plants, cork, etc.; (d) in bulk: Wheat, rye, barley, corn, hides, horn. None of the foregoing cargo was damaged.

Composition of gas and time allowed to remain.—Carbon monoxide, 5 per cent; carbon dioxide, 18 per cent; nitrogen, 77 per cent.

The gas is allowed to remain in a ship for 2 hours, and from 7 to 8 hours are allowed for it to leave it.

Accidents.—So far there have been 3 fatalities with the method employed at Hamburg:

1. One individual remained in the coal bunkers after all the personnel was ordered ashore.

2. One individual smuggled himself aboard as a stowaway after the introduction of the gas was already under way.

3. One individual went aboard without permission.

Past and present methods employed to guard against accidents.—All of the crew are removed from the vessel. An engineer, a deck officer, and a sailor are left on the barge for the purpose of advising in case of need. Divers' helmets are always kept in readiness, so that the ship may be entered in case of necessity.

In the future it is purposed to add a very small percentage of sulphur dioxide to the gas, in order to give it an odor, so as to give warning to persons when they are in danger.

The superiority of the system described over the sulphur method depends on the fact that in quarantine practice vessels are constantly encountered which have cargoes of silk, camphor, tea, etc., which are damaged by sulphur gas, and the only way in which they can be fumigated with safety is to remove and replace the cargo, which is an expensive undertaking and a serious burden upon commerce.

GUATEMALA.

Reports from Puerto Barrios, fruit port—Water containers oiled—Stegomyia—Sanitary conditions at Guatemala City—General sanitary conditions.

Acting Assistant Surgeon Ames reports as follows:

Week ended May 1. Present officially estimated population, 350. General sanitary condition of this port and the surrounding country during the week, good.

Stegomyia calopus present. Water containers oiled. Eight hundred empty bottles collected and dumped into the sea.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Apr. 28	Belize.....	Mobile.....	18	1	0
29	Inge.....	New Orleans.....	32	5	3
May 1	Parismina.....	do.....	94	64	44

Temperature taken of all persons on above-named vessels day of sailing.

Week ended May 8, 1909. General sanitary condition of this port and the surrounding country during the week, excellent.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
May 5	Preston.....	New Orleans.....	36	19	0
7	Frutera.....	New York via Republic of Panama.	26	1	0

Temperature taken of all persons on steamship *Preston* day of sailing.

Sanitary conditions at Guatemala City—General sanitary conditions in the Republic.

Doctor Ames further reports, May 8:

An inspection of Guatemala City was made May 8. The city is situated at an elevation of 4,878 feet and has a population of 100,000. No *Stegomyia calopus* were found, but *Culex pungens* were present. The smallpox hospital, which has a capacity of 510 beds, was closed April 25. The president of the board of health and chief sanitary officer reports general conditions excellent and no quarantinable disease present in the Republic.

HONDURAS.

Report from Ceiba, fruit port—Sanitary work not carried out.

Acting Assistant Surgeon Jumel reports:

Week ended May 12. Present officially estimated population, 6,800. General sanitary condition of this port and the surrounding country during the week, good.

No sanitary work other than the oiling of cesspools is carried out. Garbage, empty bottles, and old tin cans are scattered about the streets and beneath houses. Garbage carts few, and removal of garbage desultory.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
May 6	Orleanian.....	31	7	0	0
8	Bluefields.....	22	0	0	0
8	Joseph Vaccaro.....	33	5	0	0
10	Colombia.....	19	0	0	0
11	Viator.....	17	2	0	0
12	Bodo.....	17	0	0	0

Temperature of all persons on above-named vessels taken at time of clearance.

Report from Puerto Cortez, fruit port.

Acting Assistant Surgeon Ames reports as follows:

Week ended May 11. Present officially estimated population, about 2,500. General sanitary condition of this port and the surrounding country, good. Mosquitoes abundant, chiefly *Anopheles*; *Stegomyia* present. No quarantinable disease.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
May 5	Mercator.....	18	4		
5	Agnella.....	18	1		
6	Habil.....	14			
10	John Wilson.....	17	3		
11	Fjell.....	17			
12	Utstein.....	16			
12	Bluffields.....				
12	Bodo.....	17			
12	Harry T. Inge.....	31	3		

Report from Tela, fruit port.

Acting Assistant Surgeon Roe reports:

Week ended May 1. Present officially estimated population, about 1,250. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Apr. 28	Bodo.....	Mobile.....	17	0	0
30	Rosina.....	New Orleans.....	31	1	0

Week ended May 8. General sanitary condition of this port and the surrounding country during the week, good.

Bill of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
May 4	Habil.....	New Orleans.....	14	0	0

INDIA.

Report from Calcutta—Transactions of service—Cholera, plague, and smallpox—Plague in India and Bengal.

Acting Assistant Surgeon Allan reports, April 22:

Week ended April 17. No transactions.

Week ended April 10, 111 deaths from cholera, 85 from plague, and 197 from smallpox in Calcutta. In Bengal during the weeks ended

April 3 and 10 there were, respectively, 390 cases and 344 deaths and 346 cases and 288 deaths from plague.

In India during the weeks ended April 3 and 10 there were, respectively, 5,722 cases and 4,684 deaths and 5,462 cases and 4,419 deaths from plague.

ITALY.

Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples—Status of smallpox in Italy—Smallpox among passengers for steamship Verona.

Assistant Surgeon Wollenberg reports, May 3:

Vessels inspected at Naples and Genoa week ended May 1.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Apr. 27	Cretic.....	New York.....	1,312	150	1,480
28	Carpathia.....	do.....			
29	Sannio.....	do.....	1,713	140	2,100
29	Madonna.....	do.....	1,184	130	1,350
30	Luisiana.....	do.....	1,218	120	1,350
30	Königin Luise.....	do.....	1,087	90	1,280
May 1	Verona.....	Philadelphia.....	1,641	150	2,250
1	Lombardia.....	New York.....	987	60	1,100
	Total.....		9,142	840	10,910

GENOA.

Apr. 28	Duca degli Abruzzi.....	New York.....	1,531	60	1,150
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Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Smallpox.	Other causes.	Total.
Apr. 27	Cretic.....	31	2	17	1		15	66
28	Carpathia.....							
29	Sannio.....	52	5	25			8	90
29	Madonna.....	17	3	2			13	35
30	Louisiana.....	30	4	11			8	53
30	Königin Luise.....	27	1	4			6	38
May 1	Verona.....	48	11	29		1	21	110
1	Lombardia.....	36	2	20			9	67
	Total.....	241	28	108	1	1	80	459

GENOA.

Apr. 28	Duca degli Abruzzi...	19	1	11	1		8	40
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Smallpox in Naples.—During the week ended May 2, 20 cases of smallpox with 1 death were reported at the health office of the city of Naples.

A case of smallpox was discovered at the examination of steerage passengers for the steamship *Verona* May 1. The patient was transferred to the Cotugno hospital for contagious diseases. Twenty-two contacts were returned to the boarding house in which all had been lodged and where they will be held under strict observation for 2 weeks. The persons have been vaccinated, and the boarding house has been disinfected.

Status of smallpox in Italy.—Week ended May 2. Cases: Vigevano (Pavia), 4; Tollo, 2; Chieti, 1; Oppido Mamertino, 1; Varapodio (Reggio Calabria), 4.

JAPAN.

Report from Yokohama—Inspection of vessels—Plague-infected rats—Fatal plague case at Kyoto.

Passed Assistant Surgeon Cumming reports, April 28:

Bills of health issued at this station during the week ended April 24 to 4 vessels having an aggregate personnel of 518 members of crews, 153 cabin and 569 steerage passengers.

During the week 4 plague-infected rats were found in the Ota district of this city. Plague-infected rats have been found there about this season of each year for several years past. The district is away from the water front and is inhabited by the poorest classes, many of the men working on vessels in the harbor as longshoremen.

During the week a Buddhist priest from a rural temple near Kobe died in Kyoto of plague. There was a large meeting of Buddhists from all over the Empire in Kyoto at the time and the authorities are taking stringent measures.

MEXICO.

Report from Coatzacoalcos—Inspection and fumigation of vessels.

Acting Assistant Surgeon Thompson reports, May 13:

Week ended May 12. Inspected 3 vessels, 2 of which were fumigated.

Report from Progreso—Inspection and fumigation of vessels—Sanitary conditions.

Acting Assistant Surgeon Harrison reports, May 8:

Period from April 24 to May 7. Six steamships received bills of health. One was fumigated, 36 passengers and 22 members of crews having been inspected.

No quarantinable disease was reported here or elsewhere in Yucatan.

Report from Salina Cruz—Fumigation of vessel.

Acting Assistant Surgeon Gochicoa reports, May 10:

Week ended May 8. One vessel fumigated.

Report from Tampico—Inspection and fumigation of vessels—Sanitary conditions.

Acting Assistant Surgeon Stowe reports, May 13:

Week ended May 12.

Vessels inspected and passed.....	4
Bills of health issued.....	4
Members of crews inspected.....	118
Passengers inspected.....	5
Vessels fumigated.....	1

No cases of quarantinable diseases occurred during the period named. Sanitary condition of port good.

Report from Veracruz—No contagious diseases present—Smallpox at Puebla.

Acting Assistant Surgeon Carter reports, May 10:

Week ended May 9. No contagious diseases were reported during the week. At Puebla, about 12 hours' journey from Veracruz, smallpox is reported with a large number of deaths.

NICARAGUA.

Report from Bluefields, fruit port—Stegomyia—Sanitary conditions at Prinzapulca.

Acting Assistant Surgeon Layton reports:

Week ended May 5. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week good.

There is a scarcity of rainwater, and therefore of drinking water. Recent showers were insufficient to insure against water famine. *Stegomyia* are present in considerable numbers.

Bill of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
May 1	Marietta di Georgio.....	New Orleans.....	19	5	0

Temperature of all on board above-named vessel taken at hour of departure.

Conditions at Prinzapulca, Nicaragua.—During the week I visited the village of Prinzapulca, on the Caribbean Sea, 90 miles north of Bluefields. All passengers from the Pis Pis goldfields for the United States must pass through Prinzapulca on their way here for embarkation.

Communication between Bluefields and Prinzapulca is maintained by a weekly schooner service, and between Prinzapulca and the mines by pitpans up the Prinzapulca and Banbana rivers. The village is built on an extremely low, flat strip of land, only a few inches above

the low sea and river level, and during the rainy season is constantly under water. Drainage is impossible. Filth and drift from the river and sea strand there and remain, without any attempt at removal. The town faces on the north, the south bank of the Prinzapulca; on the east, the Caribbean Sea; on the south and west, long stretches of swampy country. The population numbers at present about 250 negroes, Indians, Spaniards, and white foreigners. The drinking water supply consisted, at the time of my visit, of one half-empty cistern reserved for foreigners, and a few half-dry wells, the water in which was unfit for use. Dysentery and malaria are wide-spread in the small community. Mosquitoes are reported to be numerous. Larvæ were found in great quantities in nearly every water container, and included many of the *Stegomyia calopus*.

PHILIPPINE ISLANDS.

Reports from Manila—Smallpox—Status of cholera in the provinces—Quarantine against plague-infected ports in China—Inspection of vessels.

Chief Quarantine Officer Heiser reports, March 29 and April 13:

Week ended March 27^a. Quarantinable disease reported for the city of Manila: Smallpox, 8 cases.

Cholera cases and deaths reported to the bureau of health during the week:

Province.	Cases.	Deaths.
Bohol.....	32	20
Capiz.....	29	13
Pampanga.....	5	4
Cagayan.....	2	.....
Negros Occidental.....	61	7
Total.....	129	44

Quarantine against plague-infected ports in China.—In view of the appearance of plague in more or less epidemic form in the coast cities of China, it was deemed advisable to enforce this year the same regulations which have obtained heretofore with regard to the arrival of steerage passengers from Amoy and vicinity.

During the week consular bills of health were issued at the port of Manila as follows: March 26, the British steamship *Schuytkill*, with 48 in crew and 1 passenger, en route from Cebu to Boston and New York, was granted a supplemental bill of health after the usual inspection of personnel and cargo; March 26 the American barkentine *S. N. Castle*, copra laden, with 12 in crew, granted a bill of health for San Francisco. All persons on board inspected at the hour of sailing; March 27 the German steamship *Tringganu*, with 60 crew and 1 passenger, en route from Singapore to Zamboanga, granted a supplemental bill of health.

Week ended April 10. Smallpox, 27 cases, 1 death.

^a Received out of date.

Cholera cases and deaths reported from the provinces of the Philippines.

Province.	Cases.	Deaths.	Province.	Cases.	Deaths.
Bohol.....	9	7	Cagayan.....	59	41
Capiz.....	8	8	Sorsogon.....	30	20
Cebu.....	7	4			
Pampanga.....	1	1	Total.....	116	82
Rizal.....	2	1			

Consular bills of health issued at the port of Manila as follows:

April 6, the British steamship *Aymeric*, with 34 crew, en route from Newcastle to Cebu, granted a supplemental bill of health. April 7, the British steamship *Otterburn*, with 36 crew, en route from Newcastle to Iloilo, granted a supplemental bill of health. April 7, the British steamship *Cranley*, with 47 crew, en route from Norfolk to Cebu, granted a supplemental bill of health. April 10, the British steamship *Clan McInness*, with 60 crew, en route from Surabaya to San Pedro and San Francisco, Cal., granted a supplemental bill of health, after the usual inspection of personnel and cargo.

RUSSIA.

Report from Libau—Status of cholera in St. Petersburg—Typhus fever in Libau—Examination of emigrants.

Acting Assistant Surgeon De Forest reports, May 7:

Cholera in St. Petersburg from April 29 to May 6, inclusive: 12 cases and 4 deaths. During the past week 1 death from typhus fever occurred in Libau. No new cases.

The steamship *Estonia* sailed May 4 with 632 emigrants on board. All had been in Libau under observation for 5 days, and left here in good physical condition; 119 pieces of baggage disinfected.

FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

AFRICA—*Kimberly*.—Month ended April 10, 1909. Estimated population, 44,141. Total number of deaths, 60, including 1 from enteric fever.

ALGERIA—*Bona*.—Month of April, 1909. Estimated population, 42,000. Total number of deaths, 138, including smallpox 13, enteric fever 1, typhus fever 3, whooping cough 2, and 18 from tuberculosis.

ARGENTINA—*Buenos Aires*.—Month of January, 1909. Estimated population, 1,193,148. Total number of deaths, 1,461, including enteric fever 22, smallpox 1, measles 10, scarlet fever 2, whooping cough 2, diphtheria 7, leprosy 1, and 208 from tuberculosis.

Month of February, 1909. Total number of deaths, 1,142, including smallpox 2, enteric fever 26, scarlet fever 3, diphtheria 4, whooping cough 1, and 128 from tuberculosis.

AUSTRALIA.—Quarter ended December 31, 1908. Estimated population, 4,263,782. Total number of deaths, 10,958, including enteric fever 110, measles 28, scarlet fever 19, whooping cough 55, diphtheria 83, plague 1, leprosy 2, and 985 from tuberculosis.

Newcastle district.—Month of February, 1909. Estimated population, 63,760. Total number of deaths, 46, including enteric fever 3, and 3 from tuberculosis.

BRAZIL—*Rio de Janeiro.*—Month of November, 1908. Estimated population, 827,669. Total number of deaths, 1,706, including enteric fever 4, smallpox 499, measles 15, scarlet fever 2, whooping cough 1, diphtheria 6, plague 14, leprosy 1, beriberi 3, and 277 from tuberculosis.

Month of December, 1908. Total number of deaths, 1,633, including enteric fever 9, smallpox 287, measles 8, whooping cough 3, diphtheria 7, plague 18, leprosy 3, beriberi 1, and 306 from tuberculosis.

São Paulo, Santos, and Campinas.—Two weeks ended March 28, 1909. Estimated population, 300,000. Total number of deaths, 342, including measles 4, enteric fever 5, diphtheria 2, whooping cough 1, and 34 from tuberculosis.

CANADA—*British Columbia—Vancouver.*—Month of April, 1909. Estimated population, 66,500. Total number of deaths, 54, including whooping cough 2 and 4 from tuberculosis. Cases: Smallpox 1, measles 80, scarlet fever 7, diphtheria 3, whooping cough 50, and enteric fever 5.

CUBA.—Month of January, 1909. Estimated population, 2,146,139. Total number of deaths, 2,218, including enteric fever 12, measles 9, scarlet fever 2, whooping cough 12, diphtheria 21, leprosy 4, and 295 from tuberculosis.

EGYPT—*Alexandria.*—Month of March, 1909. Estimated population, 420,000. Total number of deaths, 958, including smallpox 4, enteric fever 10, scarlet fever 25, diphtheria 18, measles 39, and 92 from tuberculosis.

FRANCE—*Calais.*—Month of April, 1909. Estimated population, 80,000. Total number of deaths, 120, including scarlet fever 3, enteric fever 1, measles 3, whooping cough 1, and 29 from tuberculosis.

Marseille.—Month of April, 1909. Estimated population, 517,498. Total number of deaths, 923, including diphtheria 9, enteric fever 21, smallpox 3, scarlet fever 3, whooping cough 1, measles 47, and 132 from tuberculosis.

GERMANY—*Bavaria—Munich.*—Month of March, 1909. Estimated population, 556,000. Total number of deaths, 1,020, including scarlet fever 14, enteric fever 1, measles 25, diphtheria 13, whooping cough 11, and 164 from tuberculosis.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended May 1, 1909, correspond to an annual rate of 14.5 per 1,000 population, which is estimated at 16,445,281.

London.—One thousand three hundred deaths were registered during the week, including measles 81, scarlet fever 10, diphtheria 8, enteric fever 1, whooping cough 41, tuberculosis 137, and 12 from diarrhea. The deaths from all causes correspond to an annual rate of 14.0 per 1,000. In Greater London 1,879 deaths were registered. In the "outer ring" the deaths included 11 from measles, 3 from diphtheria, 3 from scarlet fever, and 5 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended May 1, 1909, in the 21 principal town districts of Ireland was 20.6 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Kilkenny, viz, 4.9, and the highest in Tralee, viz, 47.6 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended May 1, 1909, correspond to an annual rate of 16.9 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Glasgow, viz, 18.1, and the lowest in Greenock, viz, 13.0 per 1,000. The aggregate number of deaths registered from all causes was 605, including diphtheria 5, measles 2, scarlet fever 5, enteric fever 3, and 55 from whooping cough.

ITALY—Genoa.—Month of April, 1909. Estimated population, 279,163. Total number of deaths, 632, including diphtheria 5, enteric fever 2, measles 29, scarlet fever 8, and 40 from tuberculosis.

Turin.—Annual report for the year 1908. Estimated population, 381,439. Total number of deaths, 7,132, corresponding to an annual death rate of 18.7 per 1,000 of population, including scarlet fever 25, enteric fever 51, measles 94, diphtheria 74, whooping cough 20, and 1,090 from tuberculosis.

JAMAICA—Kingston.—Month of April, 1909. Estimated population, 52,065. Total number of deaths, 150, including enteric fever 8, and 16 from tuberculosis.

MALTA.—Four weeks ended April 24, 1909. Estimated population, 209,974. Total number of deaths, 307, including 18 from tuberculosis.

NEW ZEALAND—Auckland.—Month of February, 1909. Estimated population, 75,345. Total number of deaths, 75, including enteric fever 1, and 6 from tuberculosis.

Wellington.—Month of February, 1909. Estimated population, 73,697. Total number of deaths, 35, including 4 from tuberculosis.

Christchurch.—Month of February, 1909. Estimated population, 62,096. Total number of deaths, 42, including 3 from tuberculosis.

Dunedin.—Month of February, 1909. Estimated population, 61,279. Total number of deaths, 56, including diphtheria 2, and 6 from tuberculosis.

SIAM—Bangkok.—Month of March, 1909. Estimated population, 300,000. Total number of deaths not reported, including smallpox 18, and 4 from plague.

Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to May 28, 1909.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State and from other sources.]

[For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Nov. 15-Jan. 2	16	13	
China:				
Hongkong.....	Dec. 28-Jan. 16	2	2	
India:				
Bombay.....	Dec. 9-Apr. 27		270	
Calcutta.....	Nov. 1-Apr. 10		883	
Madras.....	Nov. 14-Apr. 9		61	
Negapatam.....	Oct. 31-Apr. 2		38	
Rangoon.....	Nov. 8-Apr. 17		86	
Indo-China:				
Cholen.....	Nov. 9-15	1	1	
Saigon.....	Mar. 1-6	2	2	
Persia:				
Tabriz.....	Oct. 9-Dec. 28	1,003	500	
Philippine Islands:				
Manila.....	Nov. 1-Jan. 2	84	56	Third quarter, 1908, 673 cases and 458 deaths.
Provinces.....				Third quarter, 1908, 17,619 cases and 11,115 deaths.
Antique.....	Nov. 1-Jan. 16	260	163	
Bataan.....	Nov. 1-7	1	1	
Bohol.....	Dec. 20-Apr. 10	541	266	
Bulacan.....	Nov. 1-Feb. 27	82	71	
Cagayan.....	Nov. 1-Apr. 10	175	108	
Capiz.....	Nov. 1-Apr. 10	1,525	864	
Cavite.....	Nov. 1-Feb. 20	110	81	
Cebu.....	Dec. 20-Apr. 10	34	19	
Ilocos Norte.....	Nov. 1-Jan. 16	335	235	
Ilocos Sur.....	Nov. 1-Jan. 2	207	140	
Iloilo.....	Nov. 1-Mar. 6	294	154	
Isabela.....	Jan. 24-30	2		
Laguna.....	Nov. 1-Mar. 6	119	81	
Leyte.....	Nov. 1-Mar. 6	158	125	
Negros Occidental.....	Nov. 1-Apr. 3	500	270	
Nueva Ecija.....	Feb. 14-20	1	1	
Palawan.....	Nov. 1-Dec. 19	10	5	
Pampanga.....	Nov. 1-Apr. 10	105	78	
Rizal.....	Nov. 1-Apr. 10	248	217	
Samar.....	Nov. 1-Mar. 13	196	223	
Sorsogon.....	Jan. 10-Apr. 10	133	88	
Surigao.....	Nov. 15-Jan. 12	7	4	
Union.....	Nov. 1-Jan. 12	12	8	
Zambales.....	Dec. 6-12	3	3	
Russia, general.....	Nov. 15-Apr. 24	4,051	1,781	Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places: Schuscka, Dnjeprrowsk (Simferopol), Bijsk, Smeinogorsk, Barnoul, Pokrowsk, Jusowska, Etschmiadzin, and Dorpat.
Akmolinsk.....	Nov. 15-Jan. 23	34	13	
Bakoo.....	Nov. 22-28	3	2	
Batoun.....	Nov. 15-21	4	2	
Charkov.....	Dec. 6-Mar. 13	6	1	
Cronstadt.....	Nov. 15-Jan. 16	3	1	
Don, territory of.....	Nov. 15-Mar. 6	190	97	
Ekaterrinislav.....	Nov. 15-Dec. 26	27	11	
Erivan.....	Dec. 1-31	28	21	
Helsingfors.....	Jan. 10	2	1	In vicinity.
Jaroslav.....	Feb. 7-Mar. 20	63	28	
Kherson.....	Nov. 15-Dec. 19	2		
Kief.....	Nov. 15-Dec. 12	11	1	
Kooban.....	Nov. 15-Jan. 2	139	76	
Kostroma.....	Dec. 6-12	1		
Livonia.....	Nov. 15-21	2	1	
Moscow district.....	Dec. 6-Jan. 30	8	8	Including Brownitza.
Moscow.....	Jan. 17-23	1	1	Imported.
Odessa.....	Nov. 29-Dec. 12	2	2	
Olonets.....	Nov. 21-28	1	1	
Poltava.....	Nov. 29-Dec. 5	3		
Romanov-Borisoglebsk.....	Mar. 10			Present.
Rybinsk.....	Mar. 13	7		
Samara gov't dist.....	Nov. 29-Dec. 5	7	7	
Samarcand.....	Dec. 6-12	10	7	In vicinity.
Saratov.....	Nov. 15-Dec. 12	11	6	Mar. 21, 1 case.
Sempalatinsk, territory of.....	Dec. 19-26	1		
Stavropol.....	Nov. 15-21	1		
St. Petersburg, government.....	Nov. 15-Mar. 19	35		

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.	
Russia—Continued.					
St. Petersburg.....	Nov. 29—Apr. 24....	2,338	714	May 6, still present.	
Tambov.....	Nov. 15—Dec. 12....	16	8		
Tavride.....	Nov. 15—Dec. 19....	9	5		
Terek, territory of.....	Nov. 15—Dec. 19....	99	62		
Tiflis.....	Nov. 15—21.....	9	4		
Tomsk.....	Nov. 15—Jan. 23....	102	48		
Toula.....	Feb. 21—Mar. 6.....	7	2		
Tver district.....	Nov. 15—Dec. 5.....	4	.....	
Volgoda.....	Dec. 6—12.....	1	.....	
Yelisavetpol.....	Nov. 26—Dec. 5.....	5	10		
Siam:					
Bangkok.....	Nov. 1—Dec. 5.....	1	From s. s. Sunki Maru.	
Straits Settlements:					
Penang.....	Feb. 27.....	1	.....	
Singapore.....	Nov. 8—Feb. 27....	.....	165	

YELLOW FEVER.

Barbados, general.....	Dec. 12—May 15....	70	22	Including the parishes of St. Andrew, St. John, St. Joseph, St. Lucy, St. Michael, and St. Thomas.	
Bridgetown.....	Dec. 12—Mar. 20....	11	.....	
Speightstown.....	Mar. 7.....	1	.....	
Brazil:					
Bahia.....	Nov. 15—Apr. 17....	179	69		
Manaos.....	Nov. 29—Apr. 3.....	.....	16	
Para.....	Nov. 22—May 8.....	.....	73	
Pernambuco.....	Nov. 15—Mar. 15....	.....	3	
Rio de Janeiro.....	Apr. 18—25.....	1	.....	
Colombia:					
Cartagena.....	Jan. 8—14.....	1	1	These cases were removed Dec. 28 and 29, respectively, to Santiago, where 1 case died Dec. 31.	
Cuba:					
Oriente Province— San Luis.....	Jan. 1—2.....	2	1		
Curacao.....	Jan. 15.....	1		
Dutch Guiana:					
Paramaribo.....	Dec. 1—Jan. 27....	32	8		
Ecuador:					
Guayaquil.....	Nov. 29—Apr. 24....	.....	125	
Martinique:					
Fort de France.....	Dec. 13—Mar. 6....	5	1	Aug. 22—Dec. 18, 5 cases not previously reported.	
Mexico:					
Itzincal plantation.....	Dec. 6—12.....	2	2		
Maxcanu.....	Dec. 6—Jan. 23....	5	4		
Merida.....	Dec. 6—Apr. 13....	16	8		
San Bernardo plantation.....	Dec. 27—May 1.....	8	4		
Sodzil plantation.....	Dec. 13—Jan. 2.....	7	5		
Ticul.....	Feb. 1—Apr. 13....	4	2		
Veracruz.....	Dec. 6—Feb. 13....	13	6		
Trinidad:					
Port of Spain.....	Jan. 20.....	.....	1	

PLAGUE.

Arabia:					
Mascot.....	Apr. 16.....	1	1	From ss. Agricola.	
Azores:					
Fayal.....	Apr. 1.....	1	.....	
Terceira.....	Mar. 31—Apr. 1....	17	6	Sept. 22—Mar. 31, 10 cases additional.	
Australia:					
Brisbane.....	Nov. 1—7.....	1	1		
Newcastle.....	Mar. 1—31.....	1	.....	
Sydney.....	Mar. 6—12.....	4	1		
Belgium:					
Antwerp.....	Apr. 11.....	3	.....	In quarantine at Doeuil from ss. Rubens.
Brazil:					
Bahia.....	Nov. 15—Mar. 27....	60	27		
Para.....	Jan. 24—Feb. 6.....	.....	2	
Pernambuco.....	Nov. 1—Dec. 31....	.....	10	
Rio de Janeiro.....	Nov. 16—Apr. 25....	78	36		

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chile:				
Antofagasta.....	Feb. 28—Apr. 17.....	42		Apr. 3, 11 cases in lazaretto.
Arica.....	Mar. 9.....			Present.
Iquique.....	Jan. 1—Apr. 8.....	59	21	Year 1908, 133-70; Apr. 8, 17 cases in the lazaretto.
Magillones.....	Mar. 9-10.....	70		
Taltal.....	Feb. 11.....			Present.
China:				
Amoy.....	Mar. 6.....	1		Present Apr. 10, and present at Wuchang in September.
Canton.....	Mar. 6-20.....	35	25	
Changchew.....	Apr. 3.....			Epidemic.
Chinchew.....	Mar. 7—Apr. 3.....			Present.
Fukien Province, ChangPoo.....	Mar. 7-13.....			Epidemic.
Hankau.....	Nov. 30—Dec. 5.....	1	1	On river boat Loongwo.
Hongkong.....	Nov. 8—Apr. 3.....	31	23	
Tamchou.....	Dec. 19.....			Vicinity of Hainan; present.
Tientsin.....	Oct. 18—Nov. 21.....			Feb. 16, again present.
Tongshan.....	Nov. 1-14.....			Present.
Ecuador:				
Babohoyo.....	Jan. 16—Mar. 27.....	5		
Guayaquil.....	Nov. 29—Apr. 24.....	18	100	
Milagro.....	Nov. 17—Jan. 18.....	18	8	
Nisag.....	Jan. 16.....	7		
Tolte.....	Dec. 25—Jan. 17.....	30	20	
Egypt:				
Alexandria.....	Nov. 14—Jan. 20.....	4		
Port Said.....	Dec. 4—Apr. 14.....	2	1	
Suakim.....	Feb. 1.....	1		On ss. Huriet II.
Provinces—				
Asslout.....	Dec. 2—Apr. 15.....	22	17	
Beherach.....	Nov. 24—Dec. 26.....	11	6	
Dakaklieh.....	Feb. 4—Mar. 20.....	6	6	
Galvoobeeeyeh.....	Nov. 21—Feb. 2.....	3		
Garbieh.....	Nov. 27—Jan. 28.....	4	2	
Girgeh.....	Oct. 18—Mar. 14.....	8	8	
Fayoum.....	Nov. 23—Apr. 29.....	10	4	
Menouf.....	Nov. 27—Jan. 17.....	155	35	
Minieh.....	Nov. 25—Apr. 15.....	16	8	
German East Africa:				
Dar-es-Salaam.....	Oct. 10—Jan. 7.....	7	5	
Great Britain:				
Elstree.....	Feb. 3-4.....	1	1	At plague laboratory.
India:				
Bombay Presidency and Sind.....	Nov. 2—Mar. 20.....	19,451	13,886	
Madras Presidency.....	Nov. 2—Mar. 20.....	1,101	789	
Bengal.....	Nov. 2—Mar. 20.....	4,731	3,946	
United Provinces.....	Nov. 2—Mar. 20.....	7,096	5,934	
Punjab.....	Nov. 2—Mar. 20.....	13,279	10,673	
Burma.....	Nov. 2—Mar. 20.....	4,783	4,530	
Central provinces, including Berar.....	Nov. 2—Mar. 20.....	5,268	4,141	
Coorg.....	Nov. 2—Dec. 17.....	5	3	
Mysore State.....	Nov. 2—Mar. 20.....	2,823	2,026	
Hyderabad State.....	Nov. 2—Mar. 20.....	616	509	
Central India.....	Nov. 2—Mar. 20.....	750	582	
Rajputana.....	Nov. 2—Mar. 20.....	2,757	2,513	
Kashmir.....	Mar. 14-20.....	5	2	
Grand total.....		62,665	49,534	
Indo-China:				
Cholon.....	Oct. 25—Dec. 19.....	12	11	Including Chuquan.
Saigon.....	Oct. 25—Apr. 10.....	31	27	
Japan:				
Amagasaki.....	Feb. 27.....			Present.
Awaji Island, Sumoto.....	Feb. 27.....			Do.
Formosa.....	Nov. 8—Apr. 10.....	484	391	Mainly in the central and south central part.
Kagi, prefecture.....	Jan. 16.....	5		
Higo, prefecture.....				Year 1908, 219 cases additional.
Kyoto.....	Apr. 24.....	1	1	
Kagoshima, prefecture.....	Feb. 6.....	1		From ss. Shinkochi Maru.
Kobe.....	Jan. 20—Apr. 21.....	8	6	3 cases from ss. Ghazee. Feb. 27, again present. Apr. 3, 1 case in vicinity.
Mikagi.....	Feb. 27.....			Present.
Nara, prefecture.....				Year 1908, 2 cases additional.
Nishinomiya.....	Jan. 6.....	1		Year 1908, 53 cases. Feb. 28, still present.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan—Continued.				
Osaka.....	Dec. 22-Jan. 29....	3	1	Year 1908, 59 cases additional. Case Jan. 29, on ss. Shinkochi Maru.
Tokushima, prefecture.....		1		Year 1908.
Yokohama.....	May 3.....	1	1	
Yura.....		116		Do.
Mauritius.				
	Oct. 2-Jan. 31.....		115	
Peru:				
Arequipa, department.....	Feb. 19-Apr. 1.....	6	4	
Mollendo.....	Nov. 1-Feb. 18.....	1	5	
Cajamarca, department.....	Feb. 19-Apr. 8.....	60	38	
Cascas.....	Feb. 12-18.....	12	5	
Chota.....	Jan. 22-Feb. 18.....	8	8	
Callao, department.....	Feb. 19-Apr. 8.....	11	6	
Callao.....	Nov. 13-Feb. 18.....	18	11	Apr. 21, present.
Lambayeque, general.....	Feb. 19-Apr. 8.....	40	17	
Chiclayo.....	Nov. 13-Feb. 18.....	44	23	
Eten.....	Nov. 13-Dec. 31.....	11	10	
Jayanca.....	Feb. 4.....	12		
Lambayeque.....	Feb. 18-Mar. 4.....	6	5	
Motupe.....	Dec. 17-Jan. 14.....	2		
San Jose.....	Nov. 13-Dec. 3.....	2		
Zaña.....	Jan. 14-Feb. 18.....	4	2	
Libertad, department.....	Feb. 19-Apr. 8.....	56	19	
Casma.....	Feb. 4.....	1	1	
Chepen.....	Nov. 27-Feb. 18.....	19	6	
San Pedro.....	Nov. 13-Feb. 18.....	28	21	
Trujillo.....	Nov. 13-18.....	153	70	
Lima, department.....	Feb. 19-Apr. 8.....	25	7	
Chorrillos.....	Jan. 22-Feb. 4.....	2	2	
Lima.....	Nov. 13-Feb. 13.....	50	19	
Huaro-chiri, Matucana, Surco.....	Feb. 4.....	15		
Piura, department.....	Feb. 19-Mar. 4.....	2	1	
Catacaos.....	Dec. 11-Feb. 18.....	7		
Paita.....	Dec. 11-17.....	3	2	
Piura.....	Dec. 11-Jan. 14.....	6	4	
Russia:				
Libau.....	Mar. 30-Apr. 5.....	1		
Siam:				
Bangkok.....	Sept. 27-Feb. 28.....	13	7	
Straits Settlements:				
Singapore.....	Nov. 30-Apr. 10.....	5	5	
Turkey in Asia:				
Bagdad.....	Nov. 6-Feb. 5.....	14	7	
Beirut.....	Dec. 17-Jan. 9.....	5	5	
Jiddah.....	Dec. 12-Apr. 25.....	178	160	
Zanzibar.....	Nov. 10.....	1	1	

SMALLPOX.

Algeria:				
Algiers.....	Dec. 1-Apr. 30.....		113	
Bona.....	Jan. 1-Apr. 30.....	80	47	
Arabia:				
Aden.....	Nov. 25-Feb. 22.....		74	
Argentina:				
Buenos Aires.....	Oct. 1-Feb. 28.....		5	
Australia:				
New South Wales— Newcastle.....	Nov. 1-30.....	1		
Austria:				
Bohemia.....	Jan. 31-May 1.....	9		
Gallcia.....	Dec. 20-Apr. 10.....	10		
Silesia.....	Jan. 3-May 1.....	6		
Trieste.....	Mar. 21-27.....	1		
Barbados:				
Bridgetown.....	May 1.....	1		From s. s. Parima.
Brazil:				
Bahia.....	Nov. 15-Apr. 17.....	348	35	
Para.....	Feb. 14-Mar. 27.....	3	2	
Pernambuco.....	Nov. 1-Mar. 15.....		118	
Rio de Janeiro.....	Nov. 16-Apr. 25.....	1,417	698	
Santos.....	Nov. 1-Dec. 20.....		10	
São Paulo.....	Nov. 1-Mar. 14.....		59	
British Honduras:				
Stann Creek.....	Feb. 5-Mar. 10.....	6	1	32 miles south of Belize.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
British South Africa:				
Cape Town.....	Dec. 28-Mar. 13.....	5		
Durban.....	Mar. 20-27.....	1		
East London.....	Apr. 10-17.....	1	1	From s. s. Elleric.
Canada:				
British Columbia—				
Vancouver.....	Dec. 1-Apr. 30.....	8		
Victoria.....	Dec. 12-Feb. 28.....	28	4	
Manitoba—				
Winnipeg.....	Dec. 20-Jan. 20.....	6		
Ontario, Province, general				
Hamilton.....	Dec. 1-31.....	118		
Toronto.....	Jan. 17-23.....	1		
Toronto.....	Nov. 8-May 15.....	26		
Nova Scotia—				
Halifax.....	Dec. 13-May 15.....	81		
Tusketwedge.....	Feb. 13.....	1		
Yarmouth.....	Dec. 1-May 8.....	30		Revised.
Quebec—				
Montreal.....	Dec. 26-Jan. 2.....	1		
Ceylon:				
Colombo.....	Nov. 1-Apr. 17.....	198	4	Reports Dec. 19-Jan. 26 received out of date.
Chile:				
Concepcion.....	Jan. 15-31.....	1		
Santiago.....	Apr. 27.....			Epidemic in suburbs.
Talcahuana.....	Nov. 20-Jan. 28.....			Present in vicinity.
Valparaiso.....	Dec. 6-19.....	2		
China:				
Amoy, Kulangsu				
Canton.....	Oct. 11-Nov. 8.....		2	Apr. 10, still present.
Canton.....	Mar. 6-27.....	65		
Hankau.....	Mar. 20.....			Present.
Hongkong.....	Jan. 3-Apr. 3.....	18	6	
Shanghai.....	Nov. 11-Apr. 4.....	6	6	3 cases Nov. 11-Dec. 28 from U. S. transport Seward.
Tientsin.....	Jan. 17-Feb. 27.....	10	2	
Cuba:				
Cienfuegos.....	Mar. 6.....	1		
Habana.....	Dec. 26-Apr. 3.....	5		Case Dec. 26 on s. s. Florida, case Jan. 19 on s. s. Alfonso XIII, case Mar. 25 on s. s. Monterey, case Apr. 3 on s. s. La Navarre.
Ecuador:				
Guamote.....	Jan. 16.....			Present.
Manglar Alto.....	Jan. 17.....			Epidemic.
Egypt, general				
Alexandria.....	Nov. 12-Feb. 25.....	737	164	
Cairo.....	Nov. 26-Mar. 31.....	50	30	
Cairo.....	Nov. 19-Apr. 29.....	500	135	
Suez.....	Feb. 19-Mar. 6.....	27	2	
France:				
Marseille.....	Dec. 1-Apr. 30.....		5	
Nantes.....	Mar. 15-21.....	1		
Nice.....	Jan. 1-Feb. 28.....	2		
Paris.....	Nov. 22-May 1.....	62	3	
Toulon.....	Jan. 1-31.....	1		
Germany, general				
Bremen.....	Nov. 19-May 1.....	82		
Bremen.....	Jan. 16-23.....	2		
Breslau.....	Dec. 20-26.....	1		
Brunswick.....	Feb. 16-20.....	1		
Hamburg.....	Mar. 13.....	2		Among Russian emigrants.
Konigsberg.....	Jan. 9.....	1		
Gibraltar.....	May 2.....	1		
Greece:				
Athens.....	Nov. 22-Mar. 6.....		5	
Patras.....	Dec. 16-31.....	1	1	
Great Britain:				
Bristol				
Bristol.....	Dec. 13-Apr. 10.....	30	7	
Cardiff.....	Apr. 3-10.....	1		
Dunbar.....	Mar. 21-27.....	1		From a vessel.
London.....	Feb. 1-6.....	1		
Guatemala:				
Guatemala City.....	Dec. 21.....	600	200	Estimated, 2,800 cases; 840 deaths. Feb. 11, still present.
India:				
Bombay.....	Nov. 25-Apr. 27.....		275	
Calcutta.....	Nov. 1-Apr. 10.....		3,096	
Madras.....	Nov. 28-Apr. 23.....		28	
Rangoon.....	Nov. 22-Apr. 17.....		93	
Indo-China:				
Cholen.....	Nov. 15-Dec. 5.....	6	5	
Saigon.....	Nov. 1-Apr. 10.....	47	28	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Italy, general.....	Nov. 30-May 2.....	353		
Catania.....	Feb. 28-Apr. 17.....	8		
Cinquefrondi.....	Jan. 15-21.....	13		
Florence.....	Nov. 24-Mar. 10.....	4		
Genoa.....	Dec. 1-Apr. 30.....	11		
Naples.....	Dec. 7-May 2.....	404	61	Jan. 18, 1 case on s. s. Europa. Case Apr. 23 on s.s. Montevideo. May 1, 1 case on s. s. Verona.
Palermo.....	Jan. 24-Mar. 6.....	11	2	
Polesella.....	Dec. 1.....			Epidemic.
Tatrinoli.....	Jan. 15-21.....	2		
Japan:				
Formosa.....	Nov. 29-Mar. 13.....	19		
Kobe.....	Feb. 14-Mar. 6.....	5	2	3 cases in March from s. s. Ghazee from Singapore.
Tokyo.....	May 8-Dec. 31.....	314		
Java:				
Batavia.....	Nov. 1-Apr. 10.....	78	9	
Malta.....	Nov. 22-Feb. 20.....	4	1	1 case Nov. 22 on vessel.
Manchuria:				
Dalny.....	Jan. 17-Apr. 10.....	7	2	
Mexico:				
Acapulco.....	Jan. 11-Feb. 14.....	15		
Acayucan.....	Mar. 17.....			Present.
Chihuahua.....	Apr. 19-May 9.....	4	1	
Guadalajara.....	Jan. 7-May 6.....		17	
Matamoras.....	May 9-15.....	1		
Mexico City.....	Nov. 8-Mar. 27.....		220	
Monterey.....	Jan. 4-May 16.....		75	
Puebla.....	May 9.....			Epidemic.
Rosita.....	Mar. 29.....	3		
Sabinas.....	Mar. 31.....	10		
Salina Cruz.....	Jan. 1-15.....	5		
Tampico.....	Apr. 28.....			Present at localities between Tampico and Tuspan.
Tehuantepec.....	Jan. 28-Feb. 3.....			Present.
Veracruz.....	Dec. 13-Apr. 17.....	8	5	Apr. 20, still present.
Yucatan, Camp Mengel.....	Dec. 21.....	1		
Moluccas Islands.....	Dec. 12.....			Present.
Netherlands, The:				
Rotterdam.....	Jan. 10-Mar. 27.....	1	1	
Newfoundland.....	Feb. 9-Mar. 20.....	2		Epidemic on south coast.
St. Johns.....	Jan. 10-Apr. 3.....	11		Case Jan. 10 from s. s. Portia.
Norway:				
Bergen.....	Jan. 24-30.....		2	
Christiania.....	Nov. 22-28.....	1	1	
Paraguay:				
Asuncion.....	Dec. 20-26.....			Present.
Persia:				
Arabistan.....	Jan. 1-28.....			Do.
Dizfoul.....	Jan. 1-28.....			Do.
Hamadan.....	Oct. 2-Dec. 24.....	350	100	Estimated.
Kerman.....	Nov. 11.....			Present.
Kermanshah.....	Mar. 1-31.....	22		Present in October.
Mash-Had.....	Apr. 5.....			Present.
Mechedisser.....	Jan. 1-28.....			Do.
Mohammerah.....	Jan. 1-28.....			Do.
Sultanabad.....	Oct. 1-31.....			Do.
Tabriz.....	Oct. 2-Apr. 5.....			Do.
Teheran.....	Sept. 18-Oct. 28.....		17	
Trebizond.....	Jan. 16.....			Do.
Peru:				
Lima.....	Nov. 22-Dec. 31.....	11		Mar. 27, 1 case in the lazaretto.
Salaverry.....	Nov. 19-25.....		1	
Philippine Islands:				
Manila.....	Nov. 1-Apr. 10.....	89	20	Feb. 26, 1 case on s. s. Indrapura. Third quarter, 1908, 84 cases, 38 deaths.
Porto Rico:				
Mayaguez.....	Dec. 20-Jan. 2.....	2		
Portugal:				
Lisbon.....	Nov. 30-May 1.....	61		One case, Jan. 27, from s. s. Aragon.
Russia:				
Batoom.....	Dec. 1-Mar. 31.....	4		
Moscow.....	Nov. 20-Apr. 24.....	457	169	
Odessa.....	Oct. 4-May 1.....	90	15	
Reval.....	Jan. 1-31.....	1		
Riga.....	Nov. 29-Apr. 31.....	23		
St. Petersburg.....	Nov. 15-Apr. 17.....	209	59	
Warsaw.....	Nov. 1-Mar. 20.....		77	

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Nottingham.	Apr. 24	260,000	90										8	1
Do.	May 1	260,000	76										3	
Nuevo Laredo.	May 8	8,000	4	1										
Nuremberg.	Apr. 10	316,180	100	18									1	
Do.	Apr. 17	316,180	117	14										
Odessa.	Apr. 24	467,000	170	31						1				1
Para.	Do.	185,000	96	9			4							
Do.	May 1	185,000	89	14			6							
Paris.	Apr. 24	2,776,394	229	219						5	2	10	6	3
Do.	May 1	2,776,394	1,005	219						7	2	7	14	6
Penang.	Apr. 3	101,469	53	16										
Plymouth.	May 1	124,180	43									1		
Prague.	Apr. 24	229,965	171	40						1	1		5	
Queenstown.	May 1	7,684	2											
Rangoon.	Apr. 10	252,155	205	7	18	6		11						
Saigon.	Apr. 3	206,000			2			5						
St. John, N. B.	May 15	40,711	19	3										
San Feliu de Guixols.	May 1	11,094	3											
Santa Cruz de Tenerife.	Do.	46,000	14	2									1	
Santiago de Cuba.	May 8	53,614	19	3										
Shanghai.	Mar. 27	565,000	129	9										
Do.	Apr. 3	565,000	119	13						1		1		
Do.	Apr. 10	565,000	117	13										
Sheffield.	Apr. 24	440,000	167	16							2	1	18	1
Do.	May 1	440,000	127	16								1	5	2
Singapore.	Apr. 3	260,000	165	12				1		3				
Smyrna.	Apr. 1	400,000	57	13										
Do.	Apr. 8	400,000	57	14				2		1				
Do.	Apr. 15	400,000	67	12				1		3		1		
Do.	Apr. 22	400,000	56	14						1		1	1	
Southampton.	May 1	124,667	21	4								1		2
South Shields.	Do.	117,627	36	2						1			1	3
Stettin.	Apr. 24	230,000	87	8								1		
Do.	May 1	230,000	84	1							1			
Stockholm.	Apr. 24	339,582	115	19										2
Sunderland.	May 1	159,137	63	4									3	1
Teguicgalpa.	Apr. 27	24,000	6											
Do.	May 4	24,000	5											
Tientsin.	Apr. 10	1,000,000	9	2					1					
Trieste.	Apr. 17	217,706	95							1			1	
Do.	Apr. 24	217,706	110											
Tripoli.	Apr. 17	35,000	12										1	
Do.	Apr. 24	35,000	3											
Turin.	Apr. 30	381,439	210	18						1			1	
Valencia.	May 1	240,000	102	6										
Venice.	Apr. 17	179,286	82	7										2
Do.	Apr. 24	179,286	70	6							1			2
Do.	May 1	179,286	62	3						1				
Vevey.	Apr. 24	14,500	5											
Vienna.	May 1	2,064,037	782	132						1	8	4	13	2
Vigo.	Apr. 24	40,000	14											
Warsaw.	Feb. 27	751,595	310	67					3	4	3	1	18	3
Do.	Mar. 6	751,595	321	65					4	5	1	6	18	1
West Hartlepool.	May 1	66,750	16											
Winnipeg.	May 8	118,000	53	1						1				
Yokohama.	Apr. 19	392,870								1				
Zurich.	May 1	180,000	53	9								1		

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.