

PUBLIC HEALTH REPORTS.

MILK SUPPLY OF BUENOS AIRES, ARGENTINE REPUBLIC.

By John W. Kerr, Assistant Surgeon-General, United States Public Health and Marine-Hospital Service.

On account of the reported low mortality of infants under 1 year of age in the city of Buenos Aires during 1907, inquiry was made through the State Department as to the methods of control of the milk supply in that city, especially with reference to the milk which is consumed by children. In response to this request, there were received from the American consul-general October 1, 1909, summarized translations of the various laws, ordinances, and decrees controlling the milk supply of the city of Buenos Aires. According to the Year Book of the above-mentioned city for the year 1907, the milk consumed in that city comes from rural dairy farms and dairy cows kept within the city limits. The former supply represented 93 per cent of the total, or 364,179 liters brought daily into the city by the various railways.

The following is a summarized translation of the various laws, ordinances, and decrees of the city of Buenos Aires relating to milk supplies,^a furnished by Consul-General Bartleman, from which it is seen that marked legislative effort has been made looking to the purity of such supplies:

Proprietors of milk shops and dairies, also employees, the number of cows, and the source of the milk sold, must be registered at the office of the sanitary board, and any change in the personnel is to be reported immediately. No person suffering from a contagious disease shall be employed in a milk shop or dairy. The milk must not be kept in living apartments and is to be kept in hermetically sealed receptacles. The receptacles in which milk is brought to the city, and in which it is sold, must be such as can be easily washed on the inside; stoppers must be made of some unoxidizable material, such as glass, china, or rubber—the use of other materials being absolutely forbidden. Sanitary inspectors will report fortnightly the condition of dairies, and the quality of milk, whatever may be its origin.

Any infringement of this ordinance will be fined 50 pesos (\$21.23 United States currency) for the first offense; 100 pesos (\$42.46 United States currency) the second, and closure of the establishment for the third.

Dairies must observe the following rules:

1. The water used by animals shall either be running, or shall come from a spring well. Should the analysis of the water not prove satisfactory, the establishment may be closed, should no new well be opened.

^a Official Digests of the City of Buenos Aires, 1907, pages 270-276.

2. All employees must have a certificate from the sanitary department certifying that they are free from contagious diseases.

3. Whenever one or more cases of a contagious disease occurs among the people dwelling in the house where the milk shop or dairy is, or among the animals, the cows shall be taken out and the place disinfected and closed.

The tuberculinizing of the animals' milk which is to be used for nourishing human beings is obligatory and shall be performed by the sanitary inspectors whenever necessary. Health certificates must be posted in the stalls in front of each animal. The proprietor of a dairy will not be permitted to remove an animal which is under observation, or such as have had a reaction from tuberculins.

DISTRIBUTION OF MILK.

Milk may only be sold at certain fixed places, milk shops, and dairies, and may only be carried from house to house by carts with springs. It may be carried on horseback in exceptional cases.

Everything connected with the sale and transportation of milk, and all receptacles for milk, must be kept scrupulously clean. All utensils must be marked with the name of the individual or company to which they belong.

Permission must be obtained from the municipality in order to establish a place for the sale of milk.

Milk shops must be situated in airy, clean, well-lighted rooms, which have good running water and proper drains. The place where the milk is kept shall be such as to prevent any alteration occurring in the milk, and the temperature should not exceed 15° C. During the summer milk must be kept in refrigerators.

Milk sold to the public must have a density of between 1.0285 and 1.034, and must contain at least 25 per cent of butter and 10 per cent of dry residuum.

Skimmed milk, or milk deprived of its cream, may be sold, but its nature must always be noted on its receptacle. Such milk must always have a density of from 1.030 to 1.035 and must contain one-fifth per cent of butter and leave a residuum of 9.5 per cent.

The sale of milk adulterated with water or any other substance whatsoever is strictly forbidden. All classes of milk allowed to be sold may be pasteurized and sterilized by ordinary methods, and sold as such.

The municipal chemical department and the sanitary inspectors shall supervise the distribution of milk.

Persons selling or distributing milk must be provided with a certificate from the sanitary authorities stating that they are free from transmissible disease. Whenever any contagious disease shall break out in any place where milk may be stored or sold, such place shall be immediately closed, and is not to be reopened until, in the judgment of the sanitary authorities, all danger to public health shall have disappeared.

Summarized translation of an ordinance regarding the hygienization of milk issued by the municipality of Buenos Aires, December 18, 1907.

For the purpose of guaranteeing the wholesomeness as well as preventing the adulteration of milk supplied to the population of Buenos Aires, the municipality adopts the following measures:

Persons or establishments engaged in supplying milk to the public shall be required, on and after October 1, 1908, to provide hygienic conditions at places where it is produced as well as subjecting it to one of the usual processes of pasteurization, sterilization, maturation, etc.

The skimming of milk, or depriving it of its fat, is prohibited.

All vessels containing milk to be supplied to consumers must be conspicuously marked with the name of the establishment where the milk has undergone a hygienic and sterilizing process.

The sanitary department of the city shall inspect milk establishments, and the owners thereof shall be required to give all information as to the density, amount of cream, and other conditions of the milk, in order to prove its sameness to the milk delivered to the public.

All vendors of milk which has not been produced under hygienic conditions, or which has been altered or adulterated after leaving the dairies, shall be subject to a fine of \$50 (Argentine paper; \$21.23 United States currency) for the first offense, and \$100 (Argentine paper; \$42.46 United States currency) thereafter.

Summarized translation of a supplementary decree issued by the municipality of Buenos Aires, December 11, 1908, regarding the hygienization of milk.

Establishments where milk is hygienically treated must have all openings in the walls covered by wire screens to prevent the entrance of insects.

No product is to be sold unless it has been previously inspected by the sanitary authorities, and the ordinance regarding temperature, etc., complied with.

Whenever it shall be deemed necessary, the sanitary department will take samples of the milk for the purpose of analysis. Milk arriving at railway stations is also to be inspected.

A monthly return of the analyses of milk is to include the daily grade of acidity, butter, density, impurities, etc., and is to be sent to the sanitary department; and a record of such analyses to be kept, to be ready, at all times, for the inspection of municipal employees.

Milk with an acidity below 16° or above 20° (Bornic) shall not be allowed to be pasteurized.

THE SANITATION OF ROTTERDAM.

By R. A. C. WOLLENBERG, Assistant Surgeon, United States Public Health and Marine-Hospital Service.

The prompt suppression of the recent cholera outbreak in the city of Rotterdam has furnished an eloquent instance of the value of an excellent municipal sanitary administration. The city abounding with innumerable canals and a great floating population, both contributing to the difficulty of fighting the spread of the disease, the first being subject to contamination by the second, the latter habitually and unnecessarily depending on the first for water supply, has given an object lesson of what can be done by good sanitary laws and their vigorous enforcement.

The first cases of cholera appeared August 20; the city was declared free of the disease September 11, there having been a total of 34 cases and 15 deaths. The disease was not confined to a limited area, but appeared in all parts of the city, mostly along the waterways.

Few new sanitary measures were instituted during the course of the outbreak. Aside from the prosecution of general regulations and the plans already established in anticipation of such an emergency, very little was done. Most important, however, was compelling the river men to use filtered water.

An investigation of the work of the department of public sanitation and disinfection was afforded me through the courtesy of the director, who superintends street cleaning and sprinkling, snow removal, disposal of sewage, cleaning of sewers, collecting and disposal of excreta and waste from outlying districts, collecting and disposing of manure and garbage, operating of public privies and urinals, dredging and cleaning of canals, and all public disinfection. The working force of the department consists of about 750 men.

To the excellent administration and work of this department may be attributed a great measure of the success of the campaign against cholera. The department naturally works hand in hand with the health bureau and the water board. That the death-rate of the city of Rotterdam has fallen in the last twenty-five years from 25 to about 12.5 is largely the result of the system, that in thoroughness and in many other features is deserving of imitation.

Street cleaning and sprinkling.—The street area under the service of the cleaning division has quadrupled since 1882. In December, 1908,

it amounted to 3,028,859 square meters, and had a length of 214,065 meters. The cost of cleaning has comparatively lessened in late years on account of the greater facility of working on improved pavements, which now consist chiefly of small stone blocks or asphalt. Cleaning is generally done during the daytime, excepting in the center of the city, where, on account of large traffic, it is done during the night or early morning hours. In preparation for Sundays and holidays, the work is done during the previous night. Wherever possible the street accumulations are swept away by means of revolving squeegees attached to sprinkling wagons, the operation being quite dustless. The machine is preceded by men who loosen all dirt that may be packed. Odors of vegetable and stock markets are removed by adding to the water of the sprinkling wagons a quantity of creolin. Where the squeegee can not be used to advantage, a machine of the type of the American sweeper is employed. The machines are accompanied by a squad of broom men who dump the collections into covered carts. These convey all the refuse to the garbage-collecting stations, where they are disposed of as hereinafter described. For the prevention of street dust, sprinkling is done with hose in addition to that done by the machines.

Snow removal.—Recourse to snow plows is not often necessary, there being but little heavy snowfall in Rotterdam. Ordinarily only the sweepers are employed.

Disposal of garbage and ashes.—Garbage, manure, and other waste matter, as ashes, rubbish, etc., are collected three times weekly during the forenoons. In houses the garbage and waste is collected in covered cans or boxes. It is removed by covered wagons to the nearest one of the seven dumping stations, consisting of clean, well-kept, closed buildings, where the accumulations are picked over. Rubbish of value, like paper, rags, old leather, tin, wood, etc., is sold and is a source of considerable revenue. Ashes and valueless material, after wetting, are used to fill in land. Manure and anything which may be of value as fertilizer is delivered to farmers. What remains is burned at a crematory outside the city.

A new reduction plant is now in the process of erection and will be in working order in two years, with a capacity of 450 tons daily. All gases will be consumed. All collected garbage will be disposed of within twenty-four hours, and there will be no accumulation, with the accompanying decomposition. It is expected that the plant will return about 33 per cent of the running expenses by furnishing the city with a certain amount of electricity. The resulting clinker is to be mixed with cement and will be used for sidewalk material.

Sewage disposal.—Rotterdam is supplied with good sewers. The city, lying from 1.5 to 2.5 meters below the level of the Maas River, five 250 horsepower steam pumps are necessary to convey the sewage from the main sewers to the river. The sewers are cleaned by simply flushing them with river water at its own pressure.

Water supply.—At low tide the stream has a downward current of 1.5 meters per minute. The reservoirs are filled only after one hour of downward flow. The water of the reservoirs is always relatively clean. The filtration plant is 31 years old, is supplied with a bacteriological laboratory, and is stated to have a bacterial efficiency between 99.7 and 99.9 per cent.

Canals.—All city canals are kept clean by picking up with nets all scum and floating matter.

Public disinfection.—All public disinfection is done in two plants which employ about 40 persons. These steam plants supplement the ordinary house disinfection, the whole work being done free of cost. In fact, anything is disinfected on requests of physicians. Formalin is preferably used for house disinfection, which is followed by a mechanical cleaning at which disinfecting solutions are also employed. Articles such as clothing or bedding are removed in zinc lined, closed carts. Since 1905 all houses have been disinfected after deaths from tuberculosis. Persons employed at this work are uniformed while on duty, are covered with gowns while handling infected articles, and change all their apparel after finishing their day's work. Uniforms and gowns are regularly disinfected and remain at the station.

For disinfection of vessels a barge is used, which may be towed anywhere about the harbor as necessary. It is supplied with steam chamber, baths, and an apparatus for the destruction of vermin on board.

Special measures against typhoid fever.—In the homes of patients are placed cans for the collection of all discharges and wash water. To the contents of these cans is added creolin. The contents are then buried. Creolin for use in the houses is supplied free of cost. Clothing and bedding is disinfected in a steam chamber.

Typhoid patients, also those suffering from scarlet fever or diphtheria, in the households of dairymen, milk sellers, or sellers of eatables are isolated; if proper isolation is not possible, the sufferers are treated in a hospital. Houses, clothing of contacts, and milk utensils are disinfected, and the sale of suspected milk or food is prohibited.

Scarlet fever and diphtheria.—Houses having cases of either are placarded, and, if necessary, guards are stationed for the enforcement of quarantine. Schoolrooms and schoolbooks are disinfected after discovery of cases among pupils.

Smallpox.—Sufferers are treated in contagious disease barracks. Their quarters are disinfected, and all contacts are vaccinated and held under observation two weeks in special barracks. Vaccination is compulsory in the city.

Plague and cholera.—Ships from plague-infected ports are searched for rats. These are subjected to examination, but in the year 1908 no infection was found.

Since September, 1908, all vessels from cholera-infected Russian ports, after government quarantine at the Hook of Holland, are taken in hand by the Rotterdam disinfection service. All drinking-water tanks and ballast tanks on board are sealed in order to prevent discharge into local water, and the seals, as well as all persons on board, are given a daily inspection. In case that water has to be emptied, the vessel is taken to sea under guard. Water before being emptied is chemically disinfected. No infection has ever been found, however, though the water is always bacteriologically examined.

Sterile bottles and spoons in a special carrier have been kept for the past year at all police stations, and are available to physicians for the purpose of collecting discharges from those ill with symptoms of cholera. The specimens are then quickly dispatched by the police to the government laboratory for examination.

UNITED STATES.

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

PELLAGRA.

Report from New Orleans, La.

The board of health of the city of New Orleans reports 2 deaths from pellagra for the month of July and 1 death for the month of August, 1909.

Report from Camden, S. C.

Dr. Jno. W. Corbett, health officer, reports 2 cases of pellagra for the week ended October 9.

TEXAS.

In the September bulletin of the Texas state board of health, E. H. Lancaster, state bacteriologist, states: "Up to date we have more or less complete reports of 21 cases of pellagra in this State, distributed as follows: Dublin, 2 female; Cleburne and vicinity, 2 female, 1 male; Temple, 1 male; Marlin, 1 female; Powell, 1 female; Warren, 1 female; Ennis, 1 female; Austin, 1 female; Central Texas, 10 cases."

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

Surgeon Blue reports:

SAN FRANCISCO, CAL.

Last case of human plague: Sickened, January 30, 1908.

Last case of rodent plague: Trapped October 23, 1908.

Week ended October 2, 1909.

Sick inspected.....	1
Plague.....	0
Dead inspected.....	81
Plague.....	0
Premises inspected.....	2,037
Houses disinfected.....	21
Buildings condemned.....	12
Nuisances abated.....	208
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Rats found dead.....	15
Rats trapped.....	2,037
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Total rats taken.....	2,052
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Rats identified:	
<i>Mus norvegicus</i>	1,590
<i>Mus rattus</i>	63
<i>Mus musculus</i>	366
<i>Mus alexandrinus</i>	20
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Total.....	2,039
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Rats identified as to sex:	
Male.....	794
Female.....	960
Total.....	<u>1,754</u>
Rats examined bacteriologically.....	1,375
Plague rats.....	0
Poisons placed.....	21,671
Total number of rats infected to date.....	<u>398</u>

OAKLAND, CAL.

Last case of human plague: Sickened, July 17, 1908.
 Last case of rodent plague: Trapped, December 1, 1908.

Week ended October 2, 1909.

Dead inspected.....	24
Plague.....	0
Rats found dead.....	31
Rats trapped.....	<u>667</u>
Rats identified:	
Mus norvegicus.....	634
Mus rattus.....	4
Mus musculus.....	60
Total.....	<u>698</u>
Rats examined bacteriologically.....	638
Plague rats.....	0

POINT RICHMOND, CAL.

Week ended October 2.

Sick inspected.....	2
Plague.....	0
Dead inspected.....	4
Plague.....	0

ALAMEDA COUNTY, CAL. (EXCLUSIVE OF OAKLAND).

Last case of human plague: Sickened 10 miles east of Sunol, July 27, 1909.
 Last case of rodent plague: Found September 28, 1909.

Week ended September 25.

Dead inspected.....	43
Plague.....	0
Ranches inspected.....	73
Ground squirrels shot.....	493
Ground squirrels found dead.....	1
Ground squirrels examined bacteriologically.....	445
Ground squirrels infected with <i>B. pestis</i>	10
Total number of ground squirrels infected to date.....	<u>38</u>

Plague-infected ground squirrels obtained from the following-named places:

<i>September 17, 1909.</i>	
Matsen's ranch.....	1
<i>September 18, 1909.</i>	
Matsen's ranch.....	1
<i>September 20, 1909.</i>	
San Francisco and San Joaquin Coal Company, Tesla.....	1
Matsen's ranch.....	4

	<i>September 22, 1909.</i>	
Eagan ranch, Altamont.....		1
	<i>September 23, 1909.</i>	
Eagan ranch, Altamont.....		1
	<i>September 25, 1909.</i>	
San Francisco and San Joaquin Coal Company, Tesla.....		1

Week ended October 2, 1909.

Plague case previously reported bacteriologically verified.

Manuel Avila: Male; aged 5 years; nativity, California (Portuguese parentage). Sickened September 24, 1909, 2 miles southwest of Sunol. Removed to Alameda County infirmary September 25, 1909. Under treatment. Right axillary bubo. Originally reported September 25, 1909. Verified bacteriologically September 29, 1909.

Dead inspected.....	44
Plague.....	0
Ranches inspected.....	111
Ground squirrels shot.....	646
Ground squirrel found dead.....	1
Ground squirrels examined bacteriologically.....	609
Ground squirrels infected with <i>B. pestis</i>	2
Total number of ground squirrels infected to date.....	40

Plague-infected ground squirrels obtained from the following places:

September 28, 1909.

Leonardo ranch, Altamont.....	1
Waldorff ranch, Altamont.....	1

CONTRA COSTA COUNTY, CAL. (EXCLUSIVE OF POINT RICHMOND).

Last case of human plague: Sickened July 21, 1908.
 Last case of rodent plague: Found September 28, 1909.

Week ended September 25.

Ranches inspected.....	121
Ground squirrels shot.....	1, 170
Ground squirrels examined bacteriologically.....	1, 158
Ground squirrels infected with <i>B. pestis</i>	11
Total number of ground squirrels infected to date.....	235

Plague-infected ground squirrels obtained from the following places:

September 17, 1909.

Robert's ranch.....	1
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September 19, 1909.

Hill View ranch.....	1
Slater ranch.....	1

September 20, 1909.

Reilly ranch.....	1
Slater ranch.....	1
Hill View ranch.....	1
G. Slater ranch.....	1
Olney ranch.....	1

September 21, 1909.

Flemming ranch.....	1
Slater ranch.....	1

September 25, 1909.

Thad Johnson ranch.....	1
<i>Week ended October 2, 1909.</i>	
Dead inspected.....	3
Plague.....	0
Ranches inspected.....	94
Ground squirrels shot.....	982
Ground squirrels examined bacteriologically.....	953
Ground squirrels infected with <i>B. pestis</i>	3
Total number of ground squirrels infected to date.....	238

Plague-infected ground squirrels obtained from the following places:

September 26, 1909.

Hill View ranch.....	1
Reilly's ranch.....	1

September 28, 1909.

Robert's ranch.....	1
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STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

CALIFORNIA.—Month of July, 1909. Total number of deaths, 2,390, corresponding to an annual death rate of 13.8 per 1,000, including diphtheria 18, enteric fever 34, measles 7, scarlet fever 3, whooping cough 24, and 344 from tuberculosis.

Los Angeles.—Month of August, 1909. Estimated population, 300,000. Total number of deaths, 314, including diphtheria 4, enteric fever 4, whooping cough 1, and 43 from tuberculosis. Cases: Diphtheria 10, enteric fever 24, measles 23, scarlet fever 8, tuberculosis 52.

ILLINOIS—*Peoria*.—Month of September, 1909. Estimated population, 85,000. Total number of deaths 73, including enteric fever 2, and 8 from tuberculosis. Cases: Diphtheria 9, enteric fever 2, scarlet fever 5, smallpox 8.

Quincy.—Month of September, 1909. Estimated population, 43,000. Total number of deaths, 43, including enteric fever 2, and 8 from tuberculosis. Cases: Diphtheria 1, enteric fever 3.

INDIANA—*Jeffersonville*.—Month of September, 1909. Estimated population, 12,000. Total number of deaths, 11, including diphtheria 1, and 4 from tuberculosis. Cases: Diphtheria 3, measles 1, tuberculosis 5.

IOWA—*Cedar Rapids*.—Month of September, 1909. Estimated population, 35,000. Total number of deaths 25, including 1 from enteric fever. Cases: Diphtheria 11, enteric fever 3, scarlet fever 1.

Davenport.—Month of September, 1909. Census population, 35,254. Total number of deaths, 2, including 2 from tuberculosis. Cases: Diphtheria 12, enteric fever 1, scarlet fever 1, tuberculosis 2.

Sioux City.—Month of September, 1909. Census population, 33,111. Total number of deaths not reported. One death from diphtheria. Cases: Diphtheria 16, scarlet fever 1.

LOUISIANA—*New Orleans*.—Month of July, 1909. Estimated population, 362,000 (white 265,000, colored 97,000). Total number of deaths, 557 (white 356, colored 201), including enteric fever 8, scarlet fever 7, whooping cough 3, pellagra 2, and 67 from tuberculosis (white 38, colored 29). Cases not reported.

Month of August, 1909. Total number of deaths, 510 (white 333, colored 177), including diphtheria 1, enteric fever 9, scarlet fever 2, whooping cough 1, pellagra 1, and 70 from tuberculosis (white 39, colored 31).

MARYLAND—*Baltimore*.—Month of April, 1909. Estimated population, 581,000 (white 489,000, colored 92,000). Total number of deaths 986 (white 739, colored 247), corresponding to an annual death rate of 19.37 (white 18.13, colored 32.22), including diphtheria 6, enteric fever 5, measles 12, whooping cough 8, and 149 from tuberculosis (white 96, colored 53). Cases: Diphtheria 45, enteric fever 22, measles 714, scarlet fever 37, whooping cough 86, phthisis pulmonalis 70.

Month of May, 1909. Total number of deaths 829 (white 638, colored 191), corresponding to an annual death rate of 16.11 (white 14.55, colored 24.39), including diphtheria 5, enteric fever 5, measles 12, scarlet fever 1, whooping cough 8, and 116 from tuberculosis (white 78, colored 38). Cases: Diphtheria 56, enteric fever 23, measles 546, scarlet fever 35, whooping cough 62, and phthisis pulmonalis 77.

Month of June, 1909. Total number of deaths 759 (white 556, colored 203), corresponding to an annual death rate of 14.58 (white 12.49, colored 25.70), including diphtheria 3, enteric fever 6, measles 9, scarlet fever 1, whooping cough 11, and 99 from tuberculosis (white 62, colored 37). Cases: Diphtheria 40, enteric fever 41, measles 246, scarlet fever 17, whooping cough 75, and phthisis pulmonalis 80.

MASSACHUSETTS—*Newton*.—Month of September, 1909. Estimated population, 38,919. Total number of deaths, 30, including 4 from tuberculosis. Cases: Diphtheria 3, enteric fever 1, measles 1, scarlet fever 7.

MISSOURI—*Kansas City*.—Month of August, 1909. Estimated population, 340,000. Total number of deaths, 318, including diphtheria 1, enteric fever 10, scarlet fever 1, whooping cough 1, and 30 from tuberculosis. Cases: Diphtheria 7, enteric fever 14, scarlet fever 11, tuberculosis 2.

NEW YORK—*Buffalo*.—Month of September, 1909. Estimated population, 415,532. Total number of deaths, 506, including diphtheria 4, enteric fever 13, measles 1, scarlet fever 14, whooping

cough 3, and 37 from tuberculosis. Cases: Diphtheria 43, enteric fever 93, measles 43, scarlet fever 109, whooping cough 31, and tuberculosis 31.

OKLAHOMA.—Month of August, 1909. Reports received from 7 counties show a total of 828 deaths, including diphtheria 3, enteric fever 80, scarlet fever 1, and 55 from tuberculosis. Cases: Diphtheria 35, enteric fever 589, scarlet fever 12, smallpox 18, tuberculosis 105.

PENNSYLVANIA—Altoona.—Month of August, 1909. Estimated population, 60,000. Total number of deaths, 57, including enteric fever 3 and 5 from tuberculosis.

Month of September, 1909. Total number of deaths, 48, including enteric fever 1, and 1 from whooping cough.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 26 to October 22, 1909.

[For reports received from December 25, 1908, to June 25, 1909, see PUBLIC HEALTH REPORTS for June 25, 1909.]

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

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Berkeley.....	July 25-31.....	1		
Hobart Mills.....	Apr. 1-30.....	1		
Sacramento.....	June 6-12.....	1		
San Francisco.....	June 6-July 3.....	2		
Truckee.....	Mar. 23.....	3		
Total for State.....		8		
Colorado:				
Adams County.....	Apr. 1-June 30.....	5		
Boulder County.....	Apr. 1-June 30.....	8		
Clear Creek County.....	Apr. 1-June 30.....	1		
Denver County—				
Denver.....	Apr. 1-June 30.....	10		
El Paso County.....	Apr. 1-June 30.....	3		
Fremont County.....	Apr. 1-June 30.....	13		
Grand County.....	Apr. 1-June 30.....	1		
Huerfano County.....	Apr. 1-June 30.....	24		
Larimer County.....	Apr. 1-June 30.....	4		
Las Animas County.....	Apr. 1-June 30.....	1		
Mesa County.....	Apr. 1-June 30.....	20		
Montrose County.....	Apr. 1-June 30.....	2		
Moran County.....	Apr. 1-June 30.....	17		
Otero County.....	Apr. 1-June 30.....	1		
Pueblo County.....	Apr. 1-June 30.....	8		
Rio Grande County.....	Apr. 1-June 30.....	1		
San Miguel County.....	Apr. 1-June 30.....	4		
Weld County.....	Apr. 1-June 30.....	1		
Total for State.....		124		
Connecticut:				
New Haven.....	May 1-31.....	1		
Total for State.....		1		
District of Columbia:				
Washington.....	Aug. 8-Oct. 9.....	8		
Total for District.....		8		
Georgia:				
Macon.....	June 14-Sept. 21.....	9		
Total for State.....		9		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois:				
Alexander County—				
Cairo.....	May 1-June 30....	25		
Bureau County.....	Aug. 1-31.....	1		
Champaign County.....	Apr. 1-May 31....	25		
Christian County.....	Apr. 1-May 31....	35		
Clay County.....	Apr. 1-30.....	1		
Clinton County.....	Apr. 1-June 30....	7		
Cook County—				
Chicago.....	June 20-Aug. 21...	5		
Dewitt County.....	May 1-31.....	7		
Edwards County.....	Apr. 1-May 31....	3		
Effingham County.....	Apr. 1-30.....	2		
Fayette County.....	May 1-31.....	2		
Franklin County.....	Apr. 1-May 31....	2		
Fulton County.....	Apr. 1-June 30....			Present.
Gallatin County.....	Apr. 1-May 31....	16		
Iroquois County.....	May 1-31.....	1		
Jackson County.....	Apr. 1-May 31....	14		
Murphysboro.....	Apr. 1-May 31....	40		
Knox County.....	Apr. 1-30.....	8		
Lake County.....	Apr. 1-July 31....	14		
Lasalle County.....	Apr. 1-30.....	3		
McDonough County.....	Apr. 1-30.....	25		
McHenry County—				
Marengo.....	May 1-June 30....	97		
Macoupin County.....	Apr. 1-May 31....	6		
McLean County.....	June 1-30.....	1		
Madison County.....	May 1-June 30....	2		
Marion County.....	Apr. 1-June 30....	14		
Menard County.....	Aug. 1-31.....	5		
Massac County—				
Metropolis.....	Apr. 1-May 31....	29		
Montgomery County.....	May 1-June 30....	2		
Peoria County.....	Apr. 1-June 30....	13		
Peoria.....	June 1-Sept. 31...	54		
Perry County.....	Apr. 1-Aug. 31....	18		
Pulaski County.....	May 1-31.....	5		
Rock Island County—				
Moline.....	June 1-July 31....	2		
St. Clair County—				
East St. Louis.....	May 1-June 30....	11		
Saline County.....	May 1-31.....	30		
Sangamon County.....	Apr. 1-30.....	1		
Spring fld.....	May 29-July 9....	3		
Schuyler County.....	May 1-31.....	1		
Shelby County.....	Apr. 1-July 31....	3		
Stephenson County.....	May 1-31.....	4		
Tazewell County.....	May 1-31.....	5		
Pekin.....	Apr. 1-Aug. 31....	78		
Union County.....	Apr. 1-May 31....	5		
Vermilion County.....	Apr. 1-May 31....	2		
Danville.....	June 14-Sept. 25...	13		
Warren County.....	June 1-July 31....	3		
Will County—				
Joliet.....	July 1-31.....	1		
Williamson County.....	Apr. 1-Aug. 31....	17		
Winnebago County.....	June 1-30.....	1		
Woodford County.....	Apr. 1-July 31....	25		
Total for State.....		687		
Indiana:				
Allen County.....	May 1-31.....	5		
Fort Wayne.....	June 6-Oct. 2....	103		
Carroll County.....	June 1-30.....	1		
Clay County.....	June 1-30.....	4		
Dearborn County.....	May 1-31.....	4		
Dekalb County.....	June 1-30.....	1		
Delaware County.....	May 1-31.....	1		
Muncie.....	June 20-July 10...	4		
Fayette County.....	June 1-30.....	1		
Fountain County.....	July 1-31.....	1	1	
Gibson County.....	May 1-31.....	5		
Grant County.....	May 1-July 31....	4		
Greene County.....	June 1-July 31....	4	1	
Marion County—				
Indianapolis.....	June 14-20.....	1		
Montgomery County.....	May 1-June 30....	9		
Parke County.....	May 1-31.....	1		
Pulaski County.....	May 1-31.....	2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
St. Joseph County.....	June 1-30.....	4		
South Bend.....	June 13-Aug. 14.....	5		
Tipton County.....	July 1-31.....	1		
Vanderburg County.....	May 1-June 30.....	26		
Vermilion County.....	May 1-July 31.....	43		
Vigo County.....	June 1-30.....	4		
Wayne County.....	May 1-July 31.....	15	1	
White County.....	May 1-31.....	2		
Total for State.....		251	3	
Iowa:				
Cedar Rapids.....	July 1-Aug. 31.....	2		
Keokuk.....	May 1-31.....	3		
Ottumwa.....	June 1-30.....	1		
Total for State.....		6		
Kansas:				
Allen County.....	May 1-31.....	5		
Atchison County.....	June 1-July 31.....	8		
Brown County.....	June 1-30.....	1		
Chautauqua County.....	May 1-31.....	3		
Cherokee County.....	May 1-31.....	1		
Coffey County.....	May 1-31.....	1		
Comanche County.....	June 1-30.....	3		
Cowley County.....	May 1-31.....	14		
Crawford County.....	May 1-31.....	20		
Pittsburg.....	May 1-June 30.....	4		
Decatur County.....	June 1-30.....	12	1	
Dickinson County.....	May 1-July 31.....	3		
Doniphan County.....	May 1-Aug. 31.....	29		
Douglas County.....	May 1-31.....	1		
Elk County.....	May 1-31.....	1		
Ellsworth County.....	June 1-30.....	1		
Franklin County.....	May 1-31.....	5		
Geary County.....	May 1-July 31.....	5		
Graham County.....	June 1-30.....	6		
Greenwood County.....	May 1-31.....	3		
Jackson County.....	May 1-June 30.....	24		
Jefferson County.....	May 1-31.....	2		
Jewell County.....	May 1-31.....	6		
Kearny County.....	May 1-31.....	1		
Kingman County.....	July 1-31.....	2		
Labette County—				
Parsons.....	May 1-July 31.....	10		
Lincoln County.....	July 1-31.....	4		
Lyon County.....	May 1-July 31.....	28		
McPherson County.....	July 1-31.....	1		
Marion County.....	July 1-31.....	1		
Marshall County.....	May 1-Aug. 31.....	230		
Montgomery County.....	May 1-July 31.....	10		
Coffeyville.....	July 1-31.....	1		
Nemaha County.....	June 1-July 31.....	11		
Osage County.....	May 1-June 30.....	22		
Osborne County.....	May 1-June 30.....	11		
Ottawa County.....	May 1-31.....	3		
Phillips County.....	May 1-31.....	1		
Pottawatomie County.....	May 1-July 31.....	15		
Pratt County.....	May 1-July 31.....	6		
Rawlins County.....	May 1-31.....	13		
Republic County.....	June 1-30.....	8		
Riley County.....	May 1-June 30.....	8		
Rooks County.....	July 1-31.....	1		
Rush County.....	June 1-30.....	2		
Russell County.....	June 1-30.....	1		
Saline County.....	May 1-31.....	2		
Scott County.....	Aug. 1-31.....	1		
Sedgwick County.....	May 1-31.....	11		
Wichita.....	July 11-Aug. 7.....	5		
Shawnee County.....	May 1-Aug. 31.....	13		
Topeka.....	May 1-July 31.....	45		
Smith County.....	May 1-31.....	11		
Sumner County.....	May 1-31.....	3		
Thomas County.....	May 1-31.....	1		
Wabausee County.....	May 1-31.....	6		
Wyandotte County.....	May 1-31.....	4		
Kansas City.....	June 13-July 17.....	10		
Total for State.....		667	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kentucky:				
Covington.....	June 13-July 3....	5		
Lexington.....	June 20-Aug. 21....	16		
Newport.....	June 14-July 25....	4		
Paducah.....	June 13-26.....	3		
Total for State.....		28		
Louisiana:				
New Orleans.....	June 13-Sept. 4....	13		
Total for State.....		13		
Maryland, general.....				
	Mar. 1-Apr. 30....	9		
Total for State.....		9		
Massachusetts:				
Boston.....	Sept. 12-Oct. 2....	2		
Lawrence.....	June 27-July 3....	1		
Total for State.....		3		
Michigan:				
Bay County—				
Bay City.....	June 1-Aug. 31....	2		
Berrien County.....	July 1-Aug. 31....	9		
Branch County.....	July 1-Aug. 31....	5		
Calhoun County.....	June 1-30.....	1		
Cass County.....	July 1-Aug. 31....	8	1	
Cheboygan County.....	July 1-31.....	2		
Chippewa County.....	May 1-31.....	1		
Clinton County.....	Aug. 1-31.....	1		
Delta County.....	June 1-30.....	1		
Eaton County.....	May 1-Aug. 31....	46		
Emmet County.....	June 1-July 31....	2		
Genesee County.....	July 1-31.....	1		
Gogebic County.....	Aug. 1-31.....	1		
Houghton County.....	May 1-Aug. 31....	7		
Huron County.....	June 1-30.....	1		
Ingham County.....	May 1-31.....	1		
Jackson County.....	May 1-31.....	1		
Kalamazoo County—				
Kalamazoo.....	July 4-24.....	2		
Kent County—				
Grand Rapids.....	June 6-26.....	2		
Lapeer County.....	June 1-30.....	1		
Livingston County.....	Aug. 1-31.....	16		
Marquette County.....	May 1-July 31....	8		
Menominee County.....	July 1-31.....	4		
Muskegon County.....	May 1-Aug. 31....	16		
Newaygo County.....	June 1-30.....	1		
Oceana County.....	May 1-31.....	1		
Ottawa County.....	May 1-July 31....	8		
Saginaw County—				
Saginaw.....	July 25-31.....	1		
St. Clair County.....	May 1-June 30....	4		
Schoolcraft County—				
Manistigone.....	July 1-31.....	4		
Tuscola County.....	June 1-Aug. 31....	41		
Wayne County—	May 1-31.....	4		
Detroit.....	May 1-July 31....	2		
Total for State.....		225	1	
Minnesota, general.....				
	Mar. 1-Apr. 30....		3	
Becker County.....	June 15-21.....	5		
Bigstone County.....	June 8-14.....	1		
Carver County.....	July 6-Aug. 16....	6		
Clay County.....	July 28-Aug. 2....	1		
Cottonwood County.....	July 1-31.....	1		
Crawford County.....	Aug. 10-16.....	1		
Faribault County.....	June 7-14.....	2		
Hennepin County—				
Minneapolis.....	May 1-June 30....	39		
Hubbard County.....	May 25-31.....	1		
Itasca County.....	May 25-June 14....	7		
Lesueur County.....	June 1-7.....	1		
McLeod County.....	May 25-July 19....	2		
Marshall County.....	June 8-July 5....	6		
Meeker County.....	May 25-31.....	5		
Morrison County.....	June 21-Aug. 16....	2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota, general—Continued.				
Nobles County.....	May 25-June 21.....	2		
Olmsted County.....	June 8-14.....	2		
Pine County.....	May 25-31.....	1		
Ramsey County—				
St. Paul.....	Apr. 1-May 31.....	10		
Redwood County.....	June 1-7.....	1		
Rock County.....	June 1-7.....	1		
St. Louis County.....	May 25-June 21.....	3		
Duluth.....	June 10-Sept. 24.....	21		
Sibley County.....	June 22-July 19.....	4		
Stearns County—				
St. Cloud.....	July 13-19.....	1		
Steele County.....	May 25-June 21.....	3		
Swift County.....	July 20-26.....	1		
Wabasha County.....	May 25-31.....	2		
Wadena County.....	May 25-July 19.....	11		
Waseca County.....	May 25-31.....	8		
Wright County.....	June 15-Aug. 16.....	10		
Total for State.....		161	3	
Missouri:				
Kansas City.....	June 13-26.....	2		
St. Joseph.....	May 30-July 24.....	19		
St. Louis.....	June 20-Oct. 2.....	9		
Total for State.....		30		
Montana:				
Carbon County.....	June 1-July 31.....	6		
Cascade County—				
Great Falls.....	June 1-30.....	1		
Chouteau County.....	June 1-30.....	1		
Custer County.....	June 1-30.....	1		
Dawson County.....	May 1-31.....	5		
Deerlodge County.....	May 1-31.....	1		
Fergus County.....	June 1-30.....	1		
Flathead County.....	May 1-31.....	4		
Gallatin County.....	May 1-31.....	4		
Jefferson County.....	May 1-31.....	2		
Lewis and Clark County—				
Helena.....	May 1-31.....	1		
Missoula County—				
Missoula.....	June 1-Aug. 31.....	6		
Park County.....	May 1-June 30.....	21		
Livingston.....	May 1-Aug. 31.....	14		
Sanders County.....	May 1-31.....	1		
Silverbow County.....	June 1-Aug. 31.....	24		
Butte.....	June 11-Sept. 30.....	37		
Teton County.....	May 1-31.....	1		
Valley County.....	May 1-31.....	1		
Yellowstone County.....	May 1-July 31.....	7		
Total for State.....		139		
Nebraska:				
Lincoln.....	May 1-July 31.....	34		
Total for State.....		34		
New Jersey:				
Newark.....	Sept. 19-25.....	1		
Total for State.....		1		
New York, general.....				
Buffalo.....	May 1-Aug. 31.....	462		
	Oct. 3-9.....	1		
Total for State.....		463		
North Carolina:				
Beaufort County.....	June 1-30.....	1		
Bladen County.....	Apr. 1-30.....	5		
Buncombe County.....	Apr. 1-30.....	1		
Caldwell County.....	Apr. 1-June 30.....	19		
Camden County.....	Apr. 1-June 30.....	70		
Carteret County.....	Apr. 1-30.....	1		
Craven County.....	Apr. 1-June 30.....	8		
Cumberland County.....	May 1-31.....	1		
Duplin County.....	Apr. 1-June 30.....	25		
Harnett County.....	June 1-July 31.....	7		
Johnston County.....	Apr. 1-July 31.....	3		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Lee County.....	Apr. 1-30.....	6		
Lenoir County.....	July 1-30.....	2		
Madison County.....	May 1-June 30.....	7		
Mecklenburg County.....	May 1-31.....	2		
Charlotte.....	Sept. 26-Oct 8.....	5		
Mitchell County.....	July 1-31.....	8		Apr. 1-30 present.
Montgomery County.....	July 1-31.....	10		
Nash County.....	June 1-30.....	1		
Onslow County.....	Apr. 1-30.....	2		
Pamlico County.....	May 1-31.....	4		
Pasquotank County.....	Apr. 1-May 31.....	15		
Pitt County.....	Apr. 1-June 30.....	17		
Robeson County.....	June 1-July 31.....	14		
Rowan County.....	May 1-July 31.....	17		
Sampson County.....	Apr. 1-June 30.....	51		In extreme northern part.
Transylvania County.....	May 1-31.....	5		
Wake County.....	Apr. 1-30.....	2		
Watauga County.....	June 1-July 31.....	30		
Wayne County.....	May 1-31.....	14		
Wilson County.....	Apr. 1-30.....	1		
Yancey County.....	Apr. 1-May 31.....	8		
Total for State.....		362		
North Dakota:				
Bottineau County.....	May 1-July 31.....	2		
Cass County.....	July 1-31.....	2		
Emmons County.....	July 1-31.....	3		
Grand Forks County.....	May 1-July 31.....	13		
Lamoure County.....	May 1-June 30.....	3		
McHenry County.....	May 1-31.....	1		
Stutsman County.....	June 1-July 31.....	15		
Walsh County.....	June 1-30.....	2		
Ward County.....	May 1-July 31.....	11		
Total for State.....		52		
Ohio:				
Cincinnati.....	June 12-Oct. 9.....	5		
Columbus.....	Sept. 12-18.....	1		
Dayton.....	July 18-Oct. 9.....	18	1	
Toledo.....	July 25-Aug. 7.....	2		
Total for State.....		26	1	
Oklahoma:				
Coal County.....	Aug. 1-31.....	3		
Ellis County.....	Aug. 1-31.....	1		
Kay County.....	Aug. 1-31.....	5		
Kiowa County.....	Aug. 1-31.....	4		
Muskogee County.....	Aug. 1-31.....	1		
Oklahoma County.....				
Oklahoma.....	Apr. 3-Aug. 21.....	51	1	
Washington County.....	Aug. 1-31.....	1		
Total for State.....		66	1	
Oregon:				
Clackamas County.....	May 1-June 30.....	3		
Coos County.....	June 1-30.....	1		
Marion County.....	May 1-June 30.....	11		
Multnomah County.....	May 1-June 30.....	3		
Portland.....	Apr. 1-Aug. 31.....	40		
Umatilla County.....	June 1-30.....	2		
Union County.....	June 1-30.....	1		
Washington County.....	May 1-June 30.....	14		
Yamhill County.....	June 1-30.....	3		
Total for State.....		78		
Pennsylvania:				
Philadelphia.....	July 10-24.....	4		
Total for State.....		4		
Tennessee:				
Knoxville.....	June 20-Aug. 21.....	7		
Total for State.....		7		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas:				
Anderson County.....	Aug. 1-31.....	5		
Archer County.....	June 1-30.....	1		
Baylor County.....	June 1-30.....	22		
Bee County.....	June 1-30.....	6		
Bexar County.....	June 1-July 31.....	1	1	
San Antonio.....	June 13-July 31.....	10		
Bowie County.....	June 1-30.....	7		
Cameron County.....	June 1-30.....	1		
Cherokee County.....	June 1-30.....	1		
Childress County.....	June 1-30.....	4		
Concho County.....	Aug. 1-31.....	2		
Ellis County.....	May 1-June 30.....	2		
Galveston County.....	June 1-30.....	1		
Galveston.....	June 19-25.....	1		
Gonzales County.....	May 1-June 30.....	6	2	
Grayson County.....	June 1-30.....	9		
Harris County.....	June 1-30.....	12		
Houston.....	Mar. 28-June 19.....	17		
Harrison County.....	June 1-Aug. 31.....	17		
Hays County.....	July 1-31.....	8		
Henderson County.....	June 1-July 31.....	30		
Jefferson County.....	May 1-June 30.....	3		
Jones County.....	June 1-30.....	2		
Kinney County.....	June 1-30.....	1	1	
Lamar County.....	June 1-Aug. 31.....	27		
Mataorda County.....	May 1-Aug. 31.....	11		
McLennan County.....	June 1-30.....	19		
Milam County.....	June 1-30.....	5		
Runnels County.....	May 1-July 31.....	26		
San Saba County.....	Apr. 9-June 30.....	11		
Smith County.....	June 1-30.....	10		
Stephens County.....	June 1-30.....	33	1	
Tarrant County.....	May 1-June 30.....	19	3	
Fort Worth.....	June 1-July 31.....	5		
Travis County.....	May 1-June 30.....	19		
Upshur County.....	May 1-Aug. 31.....	52		
Van Zandt County.....	May 1-June 30.....	6		
Victoria County.....	Aug. 1-31.....	6		
Webb County.....				
Laredo.....	June 19.....	1		
Wharton County.....	June 1-30.....	2		
Wichita County.....	June 1-30.....	5		
Williamson County.....	June 1-Aug. 31.....	12	1	
Total for State.....		438	9	
Utah:				
Bozelder County.....	May 1-31.....	3		
Cache County.....	June 1-July 31.....	4		
Carbon County.....	June 1-July 31.....	3		
Davis County.....	May 1-July 31.....	30		
Emery County.....	June 1-July 31.....	4		
Garfield County.....	May 1-Aug. 31.....	20		
Juah County.....	Aug. 1-31.....	9		
Salt Lake County.....	May 1-Aug. 31.....	61	1	
Salt Lake City.....	June 1-Aug. 31.....	99		
Sanpete County.....	May 1-July 31.....	29		
Summit County.....	May 1-Aug. 31.....	78		
Tooele County.....	May 1-31.....	5		
Uintah County.....	May 1-Aug. 31.....	47		
Utah County.....	May 1-Aug. 31.....	26		
Wasatch County.....	Aug. 1-31.....	2		
Weber County.....	May 1-Aug. 31.....	6		
Total for State.....		426	1	
Virginia:				
Lynchburg.....	June 20-26.....	1		
Total for State.....		1		
Washington:				
Seattle.....	July 1-31.....	2		
Spokane.....	June 6-July 3.....	7		
Tacoma.....	May 14-June 27.....	6		
Total for State.....		15		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin:				
Ashland County.....	Jan. 1—Mar. 31.....	8		
Barron County.....	Jan. 1—June 30.....	93		
Brown County.....	Apr. 1—June 30.....	18		
Buffalo County.....	Jan. 1—Mar. 31.....	5		
Burnett County.....	Jan. 1—Mar. 31.....	11		
Calumet County.....	Jan. 1—June 30.....	2		
Chippewa County.....	Jan. 1—June 30.....	97	1	
Clark County.....	Jan. 1—June 30.....	20		
Columbia County.....	Jan. 1—Mar. 31.....	1		
Dane County.....	Apr. 1—June 30.....	6		
Douglas County.....	Jan. 1—June 30.....	11		
Dunn County.....	Jan. 1—June 30.....	39	2	
Fond du Lac County.....	Jan. 1—June 30.....	3		
Jackson County.....	Jan. 1—Mar. 31.....	1		
Juneau County.....	Jan. 1—June 30.....	42		
La Crosse County.....	Apr. 1—June 30.....	10		
La Crosse.....	June 13—Oct. 9.....	3		
Manitowoc County.....	Jan. 1—June 30.....	41		
Marathon County.....	Jan. 1—June 30.....	2		
Milwaukee County.....	Apr. 1—June 30.....	24		
Milwaukee.....	June 21—Oct. 2.....	3		
Oconto County.....	Jan. 1—June 30.....	25	1	
Oneida County.....	Apr. 1—June 30.....	1		
Outagamie County—				
Appleton.....	June 20—July 31.....	22		
Ozaukee County.....	Jan. 1—Mar. 31.....	13		
Pepin County.....	Jan. 1—Mar. 31.....	2		
Pierce County.....	Jan. 1—Mar. 31.....	4		
Polk County.....	Jan. 1—June 30.....	19		
St. Croix County.....	Jan. 1—June 30.....	65		
Sheboygan County.....	Jan. 1—June 30.....	46		
Taylor County.....	Jan. 1—Mar. 31.....	5		
Trempealeau County.....	Jan. 1—Mar. 31.....	3		
Vernon County.....	Jan. 1—Mar. 31.....	51		
Walworth County.....	Apr. 1—June 30.....	1		
Washburn County.....	Jan. 1—June 30.....	14		
Waukesha County.....	Jan. 1—Mar. 31.....	5		
Waupaca County.....	Jan. 1—June 30.....	27		
Waushara County.....	Jan. 1—Mar. 31.....	1		
Winnebago County.....	Jan. 1—June 30.....	17		
Wood County.....	Apr. 1—June 30.....	2		
Total for State.....		763	4	
Grand total for the United States.....		5,105	24	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, August 2—October 22, 1909.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Alameda County—				
Sunol.....	Aug. 2-12.....	1	1	Case sickened July 27.
	Sept. 24.....	1		In vicinity of Sunol.

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

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	Oct. 9	38,973	10	1	4										
Baltimore, Md.	do	508,957	198	31	29	44	8	10	1	16	1	3		7	4
Bath, Me.	Oct. 2	10,477										3			
Do	Oct. 9	10,477										2			
Bayonne, N. J.	do	32,722		1	1			4	1	8	1				
Beaver Falls, Pa.	do	13,000						1							
Berkeley, Cal.	Sept. 25	13,214	9					1						1	1
Do	Oct. 2	13,214	8												
Biddeford, Me.	Oct. 9	16,145	6	1	1			1	1						
Biloxi, Miss.	Oct. 2	5,467		1	1										
Binghamton, N. Y.	do	38,647	13			2		3				1			1
Do	Oct. 9	38,647	20	3	4			6	1	1	2			1	1
Boston, Mass.	do	560,892	201	48	10	48	6	22	2	51	2	32		4	1
Braddock, Pa.	Oct. 2	15,654	7					6	1	2		1			
Bradford, Pa.	Oct. 9	15,029	1					1		1					
Bridgeport, Conn.	Oct. 2	70,996	22	7	3	2		6		5	1	1			
Brockton, Mass.	Oct. 9	40,063	14	1	1	5		1		1					1
Cambridge, Mass.	do	91,886	24	8	9	13	1	4		5				3	
Camden, N. J.	do	75,935	26	1						5	1				
Camden, S. C.	do	2,441	6												
Carbondale, Pa.	do	13,536	7			1						1			
Charlotte, N. C.	Oct. 8	18,091	10					2		1		4		1	
Chelsea, Mass.	Oct. 9	34,072	6					2		3					
Chicago, Ill.	do	1,698,575	599	87	68	62	16	117	9	104	16	32		21	1
Chicopee, Mass.	do	19,167	6	1				2		2					
Cincinnati, Ohio	do	325,902	90	24	13	12	2	10		21	1			4	
Cleveland, Ohio	Oct. 8	381,768	135	28	16	15		7		29	3	6		6	
Clinton, Mass.	Oct. 9	13,667	5			1	1								
Columbus, Ga.	do	17,614	9		1										
Columbus, Ohio	Oct. 2	125,560	54	5	8	12	1	6		9	1	1			
Do	Oct. 9	125,560	42	2	4	8		6		28					
Concord, N. H.	Oct. 2	19,632	8	2	2	1				3		1			
Covington, Ky.	Oct. 9	42,938	12			2		1		1				1	
Danville, Ill.	do	16,534	12	2	2	4				1					
Dayton, Ohio	do	85,333	31	2	3	2	1	1		3				1	
Duluth, Minn.	Oct. 8	80,000	23	1	2	4	2	3		10		1			
Dunkirk, N. Y.	Oct. 9	11,616	3	1		1				1		1			
Elmira, N. Y.	Oct. 2	35,672	8			5	1	2		3					
Do	Oct. 9	35,672	11	11	1	4				1					
El Paso, Tex.	Oct. 5	15,905	15	6	4	5	2	1				1			
Do	Oct. 12	15,905	17	3	4	3	1							1	
Elkhart, Ind.	Oct. 9	15,184	7	2	2					1		1			
Erie, Pa.	Oct. 2	52,733	16	4	2	4				1	1	1			
Do	Oct. 9	52,733	22	1		8									
Evansville, Ind.	do	59,007	18			6		57		5	1				
Everett, Mass.	do	24,336	10	2	2			3				1			
Fall River, Mass.	do	104,863	45	5	1	4		3		5				1	
Findlay, Ohio	do	17,613	6		1	3		1		5					
Fort Wayne, Ind.	Sept. 25	45,115	15		2	1	1	3	1						
Do	Oct. 2	45,115	19	2	2	1		4		1					
Galesburg, Ill.	Oct. 9	18,607	2												
Galveston, Tex.	do	37,789	2	1	1		1	1		2					
Gloucester, Mass.	do	26,121	1												
Harrison, N. J.	do	10,596	4												
Hartford, Conn.	Oct. 3	79,850	29	2	1	3		4		4					
Haverhill, Mass.	Oct. 9	37,175	7	2	2	1		3		1					
Houston, Tex.	Oct. 2	44,633	15			3									
Hyde Park, Mass.	Oct. 9	13,244		1											
Indianapolis, Ind.	Oct. 3	169,164	48	3	5	19		4		17	1	3			1
Do	Oct. 10	169,164	57	6	3	10	2	3		15	1	1			
Jacksonville, Fla.	Oct. 9	28,429	29		2	3	2	1		1					
Jersey City, N. J.	Oct. 10	206,433	73		9			5	1	6	1				1
Johnstown, Pa.	Oct. 9	35,936	13	1	1	2		3		3		1			1
Kalamazoo, Mich.	Oct. 2	24,404	15	4		1		1		1					
Do	Oct. 9	24,404	11	1	1			1							
Kansas City, Kans.	do	51,418	13	2	1	9	1	4		17	1				
Kearny, N. J.	do	10,896	5	1						2					
Kingston, N. Y.	Oct. 2	24,535	9		2										
Do	Oct. 9	24,535	7												
Knoxville, Tenn.	do	32,637	11		1			4		2					
La Crosse, Wis.	do	28,895	7					5							
Lafayette, Ind.	Oct. 11	18,116	9		3	1								3	
Lancaster, Pa.	Oct. 9	41,459	15	4	2	6		2		2					

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.	Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Lawrence, Mass.	Oct. 2	62,559	24	5	3	1	1	2	5	1	1	1			
Do.	Oct. 9	62,559	25	2	4	1		5	2			6			
Lebanon, Pa.	do	17,628	10				1								
Lexington, Ky.	do	26,369	9		1		1			2					
Little Falls, N. Y.	Sept. 18	10,381	3												
Do.	Sept. 25	10,381	4	3	1	1			25						
Do.	Oct. 2	10,381	2						7	1					
Los Angeles, Cal.	do	102,479	71	18	6	5	1	7	4	4	1	4	3		
Lowell, Mass.	Oct. 9	94,969	34	1	3	2		2	6						
Lynchburg, Va.	do	18,891						3						1	
Lynn, Mass.	Oct. 2	68,513	30		1	1		2		1					
Do.	Oct. 9	68,513	19				1	4		9	1				
McKeesport, Pa.	Sept. 4	34,227	12			7		1	1	1					
Do.	Sept. 11	34,227	15			3	2		1	6					
Do.	Sept. 18	34,227	13			1		1	1					1	
Do.	Sept. 25	34,227	14	1	1	8		1		3					
Do.	Oct. 2	34,227	16	1		3		2							
Macon, Ga.	Oct. 7	22,746	2												
Malden, Mass.	Oct. 2	33,664	10					3	3	1					
Do.	Oct. 9	33,664	10			2		1	1						
Manchester, N. H.	do	56,987	25			6		2	4	6		4		1	1
Manitowoc, Wis.	do	11,786	3					2	4						
Marinette, Wis.	do	16,195	4	1	1	1		5	1						
Massillon, Ohio.	do	11,944	2					1							
Medford, Mass.	do	18,244	5		2										
Melrose, Mass.	Oct. 2	12,962	8	4	4	1		5	1						
Milwaukee, Wis.	Oct. 9	285,315	90	14	8	5		38	6	5	4				
Mobile, Ala.	Oct. 2	38,469	27		3										
Montclair, N. J.	Oct. 9	13,962	7	1		1	1								
Montgomery, Ala.	do	30,346	22		2		2								
Morristown, N. J.	do	13,000	2					1							
Mount Vernon, N. Y.	do	21,228	8		1										
Nanticoke, Pa.	Oct. 10	12,616	8	3				4							
Nashville, Tenn.	Oct. 9	80,865	32	1	5	4		8	15	1					
Nebraska City, Nebr.	do	7,200												3	
Newark, N. J.	do	246,070	102	10	13	8	1	23	36	2		1			2
New Bedford, Mass.	do	63,442	42	3		8	3	11	2						
New Brunswick, N.J.	Sept. 25	20,006							3						
Do.	Oct. 2	20,006				1									
Do.	Oct. 9	20,006				3									
New Orleans, La.	do	278,104	142	26	14	12	4	15	14	2					
Newport, Ky.	do	28,301	14				1		2						
Newton, Mass.	do	33,587	7	1				2						1	
New York, N. Y.	do	3,437,202	1,337	435	144	147	24	130	2	219	9	102	7	36	12
Niagara Falls, N. Y.	do	19,457	5	1		13		2	3	3					
Norristown, Pa.	Sept. 18	22,265	9			2		3	1						
Do.	Sept. 25	22,265	4				1	1	3						
Do.	Oct. 2	22,265	8			2		4							
Do.	Oct. 9	22,265	7			2									
North Adams, Mass.	do	24,200	8			1									
Northampton, Mass.	do	18,643	9			1			1						
Oklahoma City, Okla.	Sept. 25	43,500	14		2	4	1								
Do.	Oct. 3	43,500	19		1	5	1	2	2	1					
Do.	Oct. 9	43,500	13			1	1	1							
Orange, N. J.	do	24,141	7	1		1		1	1						
Palmer, Mass.	do	7,801	2						1	1	3				
Peekskill, N. Y.	do	10,358	6						1						
Philadelphia, Pa.	Oct. 2	1,293,697	390	81	49	37	7	33	3	64	8	10	10	2	
Do.	do	321,616	151	26	13	19	2	26	1	24	1	4	3		
Pittsburg, Pa.	do	321,616	135	38	9	31	4	39	18	4	5	5	5	2	
Do.	Oct. 9	321,616	8	1		2		1	1						
Pittsfield, Mass.	do	21,766	2			1		1							
Plainfield, N. J.	do	15,369	2			1		1							
Portland, Me.	Sept. 25	50,145	16		3	1		2							
Do.	Oct. 2	50,145	14		2	10		2	1	1					
Portsmouth, N. H.	Oct. 9	10,637							2	2	1				
Portsmouth, Va.	Oct. 5	17,427	7		1			3	2						
Do.	Oct. 12	17,427	6		1			2							
Do.	Oct. 9	13,696	3					2		1					
Pottstown, Pa.	do	175,597	60	16	6	9	2	8	13		3	1			2
Providence, R. I.	do	29,102	10		1										
Racine, Wis.	do	78,961	28			12	4	3	7		1				
Reading, Pa.	Oct. 11	85,050	50			4			3						1
Richmond, Va.	Oct. 2	85,050	42	6	9	13	2	2	9	2			4		
Do.	Oct. 9	85,050	42						9				2		
Rock Island, Ill.	do	19,493	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.		Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
St. Louis, Mo.....	Oct. 9	575,238	182	33	22	25	6	17	1	35	4	3	1	10	....
Sandusky, Ohio.....	Sept. 18	19,664	6	....	1	3	....	....	....	....	....	....	....	....	....
Do.....	Sept. 25	19,664	7	....	1	....	....	....	....	....	....	....	....	....	....
San Francisco, Cal.....	Oct. 2	342,782	94	19	9	5	1	13	3	6	....	4	....	4	1
San Jose, Cal.....	do.	21,500	6	....	1	....	....	....	....	....	....	....	....	....	....
Schenectady, N. Y.....	do.	31,682	21	1	....	4	....	....	....	2	....	....	....	....	....
Somerville, Mass.....	Oct. 9	61,643	15	1	....	13	....	6	....	11	....	1	....	....	....
South Bend, Ind.....	do.	35,999	14	1	1	1	1	1	....	....	....	1	....	....	....
South Bethlehem, Pa.....	do.	13,241	6	1	....	....	....	....	....	....	....	....	....	....	....
Spokane, Wash.....	Oct. 2	38,848	23	....	....	14	1	12	....	1	....	....	....	....	....
Springfield, Mass.....	Oct. 9	62,059	24	9	1	3	....	1	....	13	....	1	....	....	....
Springfield, Ohio.....	do.	38,253	11	3	1	1	....	4	....	2	1	....	....	....	....
Steelton, Pa.....	do.	12,068	2	....	....	6	....	....	....	1	....	1	....	....	....
Superior, Wis.....	do.	31,091	8	....	....	....	1	2	1	1	....	....	....	....	....
Tacoma, Wash.....	Oct. 3	37,714	17	1	....	4	....	6	2	3	....	....	....	....	....
Taunton, Mass.....	Oct. 9	31,036	17	....	2	4	1	....	....	....	....	....	....	....	....
Terre Haute, Ind.....	do.	36,673	13	....	....	18	1	1	....	3	....	5	....	....	1
Titusville, Pa.....	do.	8,244	4	4	1	....	....	1	....	....	....	1	....	....	....
Trenton, N. J.....	do.	73,307	7	3	....	7	1	2	....	5	....	1	....	....	....
Waltham, Mass.....	do.	23,481	10	2	....	3	....	1	8	....	....	....	....	....	....
Warren, Pa.....	Oct. 4	8,043	3	....	1	1	1	....	....	1	1	....	....	....	....
Washington, D. C.....	Oct. 9	278,718	122	33	16	17	2	12	1	11	1	....	....	3	1
Weymouth, Mass.....	do.	11,324	3	1	1	....	....	....	....	2	1	1	....	....	....
Wichita, Kans.....	do.	24,671	23	2	....	3	2	1	....	....	....	....	....	....	....
Wilkes-Barre, Pa.....	Oct. 8	51,721	21	6	....	1	1	3	....	4	1	....	....	1	....
Wilksburg, Pa.....	Oct. 7	13,000	7	....	....	2	....	2	....	1	1	....	....	....	....
Do.....	Oct. 14	13,000	5	....	....	1	....	....	....	....	....	....	....	....	....
Williamsport, Pa.....	Oct. 2	28,757	3	....	....	....	....	....	....	....	....	....	....	....	....
Do.....	Oct. 9	28,757	10	....	....	4	....	3	....	2	1	....	....	....	....
Wilmington, Del.....	do.	76,508	21	....	3	....	2	....	....	....	....	....	....	....	....
Winona, Minn.....	Oct. 12	19,714	7	....	....	....	....	....	....	....	....	....	....	....	....
Woburn, Mass.....	Oct. 9	14,254	4	....	1	....	....	....	....	....	....	....	....	....	....
Worcester, Mass.....	Oct. 2	118,421	33	3	1	3	....	2	....	3	....	....	....	....	....
Do.....	Oct. 9	118,421	44	2	3	7	1	5	....	10	....	....	....	1	2
Yonkers, N. Y.....	Sept. 30	47,931	23	2	1	3	....	4	....	3	....	....	....	....	....
Do.....	Oct. 7	47,931	22	....	3	1	....	8	....	1	....	....	....	....	....
Do.....	Oct. 14	47,931	15	6	....	1	....	5	....	....	....	....	....	....	....
York, Pa.....	Oct. 7	33,708	....	....	....	2	....	1	....	2	....	10	....	....	....
Zanesville, Ohio.....	Oct. 9	23,538	3	2	....	1	....	....	....	3	....	....	....	....	....

FOREIGN AND INSULAR.

AUSTRALIA.

Examination of rodents at Sydney for plague infection.

The following information is taken from bulletins issued by the department of health of New South Wales, under dates of August 16, 23, and 30, and September 6:

Date on which last plague case was reported, May 29, 1909.

Date on which last plague infected rodent was found, June 15, 1909.
 Week ended August 14. Rodents destroyed, 1,775; examined, 346; found infected, 0. Week ended August 21. Rodents destroyed, 1,579; examined, 473; found infected, 0. Week ended August 28. Rodents destroyed, 1,420; examined, 354; found infected, 0. Week ended September 4. Rodents destroyed, 1,347; examined, 451; found infected, 0.

BARBADOS.

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

Acting Assistant Surgeon Urquhart reports, October 2:

Week ended October 2. Bills of health issued to 5 vessels, having a total of 359 members of crews and 164 passengers. Two vessels were fumigated. The sanitary condition of vessels, cargoes, crews, and passengers was good. The sanitary condition of the port remains good; no quarantinable disease was reported for the port or island during the week.

BRITISH HONDURAS.

Report from Belize, fruit port.

Acting Assistant Surgeon Mengis reports:

Week ended October 7. Present officially estimated population, 10,000. 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.
Oct. 1	Belize.....	Moble.....	18	0	1
2	Belvernon.....	New Orleans.....	23	0	2
5	Cartago.....	do.....	82	3	7
7	Jose.....	New York via Central American ports.	30	0	6

CHINA.

Report from Hongkong—Quarantine restrictions—Examination of emigrants—Inspection and fumigation of vessels.

Acting Assistant Surgeon Hough reports, September 6:

Week ended September 4. Restrictions enforced by Hongkong remain as reported July 17.

The governments of Bengal, Burma, British North Borneo, Straits Settlements, and Shanghai have removed the restrictions imposed against Hongkong.

Aliens for Honolulu and Pacific coast ports.—Examined 22; rejected 4.

Aliens for Philippine Islands.—Examined, 9; rejected, 6.

Vessels inspected and fumigated.—Inspected, 7; fumigated to destroy rats, 3.

COSTA RICA.

Report from Limon, fruit port—Stegomyia present.

Acting Assistant Surgeon Harris reports:

Week ended October 4. Estimated population, 8,000. General sanitary condition of this port and the surrounding country during the week, good; *Stegomyia* present.

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.
Sept. 29	Turrialba.....	89	11	35	0
Oct. 1	Origen.....	25	a 1	0	0
2	Cartago.....	82	b 1	c 3	0
2	Bluefields.....	21	0	0	0
3	Limon.....	44	3	0	0
4	Siberia.....	85	82	2	0

^a Crew.

^b To Puerto Barrios.

^c One to New Orleans.

CUBA.

Reports from Cienfuegos—Inspection of vessels—Sanitary conditions.

Acting Assistant Surgeon Suarez reports, October 4 and 12:

Week ended October 2.

Vessels inspected.....	2
Members of crews inspected.....	2

The sanitary condition of the city and port continues satisfactory; no quarantinable disease reported during the week.

Report from Habana—Inspection of vessels—House and water-deposit inspection.

Passed Assistant Surgeon Amesse reports, October 12:

Week ended October 9.

Bills of health issued.....	18
Vessels inspected.....	12
Members of crews of outgoing vessels inspected.....	667
Passengers of outgoing vessels inspected.....	455

During this period no quarantinable disease was reported in Cuba.

For the last 10 days in September the various mosquito brigades petrolized 18,744 possible breeding places, inspected 19,563 houses, removed 33,000 cans to a place of safety, and cleared 23,650 linear meters of ditching. There were 43 deposits of larvæ uncovered, of which 15 were collections of *Stegomyia*.

Report from Matanzas—Inspection of vessels—Sanitary conditions.

Acting Assistant Surgeon Nuñez reports, October 12:

Week ended October 9. Bills of health granted to 6 vessels leaving this port for the United States in good sanitary condition. They carried in all 146 members of crews, and 2 passengers in transit.

The health of the city continues good; no quarantinable diseases reported.

Report from Santiago—Inspection of vessels—House and water-deposit inspection.

Acting Assistant Surgeon Wilson reports, October 6:

Week ended October 2. Bills of health issued to 10 vessels bound for the United States. No vessel disinfected. No case of quarantinable disease reported.

The sanitary department reports 2,821 houses inspected during the week and larvæ found in 7 water deposits.

ECUADOR.

Report from Guayaquil—Status of plague, smallpox, and yellow fever—Reappearance of plague at Babahoyo and Duran.

Passed Assistant Surgeon Lloyd reports, September 21:

During the period from August 15 to 31 there were 27 new cases of plague and 10 new cases of yellow fever in Guayaquil, with 5 deaths from the former and 4 from the latter disease. There were 139 deaths from all causes, as against 110 for the same period of last year.

During the first 15 days of September (1909) there were 47 new cases of plague, with 14 deaths, and 12 new cases of yellow fever with 4 deaths; 46 cases of plague and 5 of yellow fever remain under treatment. There were no deaths from smallpox, and the cases isolated have been discharged with no further developments. During this period there were 144 deaths from all causes, as against 98 for the same period last year.

Plague has reappeared in Babahoyo and Duran.

HAWAII.

Report from Honolulu—Dates of last cases of human and rat plague—Examination of rats for plague infection.

Chief Quarantine Officer Hobdy reports, September 27:

HONOLULU.

Last case rat plague (Aiea), 9 miles from Honolulu, August 22, 1907.

Last case human plague, Honolulu, July 17, 1907.

Last case rat plague (Olaa), 9 miles from Hilo, September 24, 1909.

Last case human plague (Papaikou), 5 miles from Hilo, September 19, 1909.

Week ended September 25.

Total rats taken.....	675
Trapped.....	580
Found dead.....	0
Shot from trees.....	95
Examined bacteriologically.....	434
Plague rats.....	0
Classification of rats trapped:	
Mus alexandrinus.....	56
Mus musculus.....	206
Mus norvegicus.....	103
Mus rattus.....	215
Classification of rats shot from trees:	
Mus alexandrinus.....	32
Mus rattus.....	49
Average number of traps set daily.....	1,294

HILO.

Rat cases referred to this laboratory for bacteriological diagnosis.....	4
Human cases referred to this laboratory for bacteriological diagnosis.....	1
Cases proved to be plague infection during week.....	0
Cases still under investigation.....	4
Cases under investigation week ended September 18 not proved to be infection.....	1

HONDURAS.

Report from Ceiba, fruit port.

Acting Assistant Surgeon Jumel reports:

Week ended October 6. Present officially estimated population, 6,800. 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.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Sept. 30	Colombia.....	18	0	0	0
Oct. 2	Rosina.....	32	3	0	0

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

Report from Puerto Cortez, fruit port.

Acting Assistant Surgeon Wailes reports:

Week ended October 6. Present officially estimated population, about 2,500. General sanitary condition of this port and the surrounding country, good.

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.
Oct. 6	Mercator.....	18	2	0	0
6	Agnella.....	20	0	0	0

INDIA.

Reports from Calcutta—Transactions of service—Cholera, plague, and smallpox—Summary of plague in Bengal and India.

Acting Assistant Surgeon Allan reports, September 16:

Week ended September 4. Bills of health issued to the steamship *Nuenfels*, bound for Boston and New York with a total crew of 61, and to the steamship *Den of Mains*, bound for New York and Philadelphia with a total crew of 57. The usual precautions were taken, holds fumigated, rat guards on wharf lines, and Asiatics' effects disinfected.

Week ended September 11. No transactions.

Week ended August 28. In Calcutta there were 5 deaths from cholera, 2 from plague, and 1 death from smallpox; in Bengal, 56 cases of plague, with 38 deaths; in India, 2,297 cases of plague, with 1,811 deaths.

Week ended September 4. In Calcutta, 5 deaths from cholera, 9 from plague, and 1 death from smallpox; in Bengal, 70 cases of plague, with 38 deaths; in India, 2,837 cases of plague, with 1,952 deaths.

ITALY.

Reports from Naples—Inspection of vessels—Examination of emigrants—Smallpox.

Surgeon Geddings reports, September 27 and October 2:

Vessels inspected at Naples and Palermo week ended September 25.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Sept. 21	Bayonne.....	Philadelphia.....			
22	Roma.....	New York.....	553	110	480
22	Italia.....	do.....	172	40	290
22	Italia.....	Sand Key.....			
23	San Giorgio.....	New York.....	246	60	320
25	Ancona.....	Philadelphia.....	629	100	750
	Total.....		1,600	310	1,840

PALERMO.

Sept. 22	Liguria.....	New Orleans.....	554	595	350
23	Italia.....	New York.....	231	300	150
24	San Giorgio.....	do.....	655	850	250
	Total.....		1,440	1,745	750

Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Sept. 21	Bayonne.....						
22	Roma.....	17	2	6		2	27
22	Italia.....	12	2	5		2	21
22	Italia.....						
23	San Giorgio.....	14	5	6	1	1	27
25	Ancona.....	20	1	16		12	49
	Total.....	63	10	33	1	17	124

PALERMO.

Sept. 22	Liguria.....	31		20		5	56
23	Italia.....	17		10			27
24	San Giorgio.....	31		35		7	73
	Total.....	79		65		12	156

Vessels inspected at Naples week ended October 2.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Sept. 29	Carpathia.....	New York.....			
29	Duca di Genova.....	do.....	1,023	230	1,450
29	Moltke.....	do.....	597	170	830
30	Mendoza.....	do.....	658	85	750
Oct. 1	König Albert.....	do.....	448	90	620
2	Germania.....	do.....	274	90	430
	Total.....		3,000	665	4,080

Rejections recommended.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Sept. 29	Carpathia.....						
29	Duca di Genova.....	34	2	19		12	67
29	Moltke.....	17	3	10		6	36
30	Mendoza.....	24	1	14		4	43
Oct. 1	König Albert.....	8	1	6		7	22
2	Germania.....	9	1	9	1	1	21
	Total.....	92	8	58	1	30	189

Smallpox in Naples.—During the week ended September 26 4, cases of smallpox with 2 deaths were reported at the health office of the city of Naples.

Week ended October 3, 13 cases of smallpox with 2 deaths reported at the health office of the city of Naples.

JAPAN.

Report from Yokohama—Inspection and fumigation of vessels—Epidemic cerebro-spinal meningitis—Epidemic plague in Kobe—Cholera in Seoul, Korea.

Passed Assistant Surgeon Cumming reports, September 23:

Week ended September 18. Bills of health issued to 7 vessels. Of this number 3 were fumigated to destroy rats.

The sanitary conditions in this port continue good except for an epidemic of cerebro-spinal meningitis.

Plague is epidemic in Kobe. There have been several cases among the employees in the Kobe post-office.

Cholera is spreading in North China and in Korea. A sharp epidemic, with 35 new cases on September 19, is reported at Seoul.

Reports from Kobe—Inspection of vessels—Examination of emigrants—Plague—Dysentery at Osaka—Cholera on steamship Nile en route from Moji to Kobe.

Acting Assistant Surgeon Knight reports, September 15:

Week ended September 11. Supplemental bills of health granted to 6 steamships. There were inspected 101 members of crews and 670 steerage passengers, and 36 members of crews and 104 steerage passengers were bathed and disinfected; their effects were disinfected by steam. The number of pieces of baggage steamed was 358 and bedding 162. Manifests were viséed for 44,257 pieces of freight, amounting to 6,272 tons.

Emigrants examined:

Per steamship *Mongolia* for Honolulu, passed 39, recommended for rejection 30; for San Francisco, passed 1, recommended for rejection 0.

Per steamship *Seattle Maru* for Tacoma, passed 10, recommended for rejection 10.

Per steamship *Tenyo Maru* for Honolulu, passed 28, recommended for rejection 22; for San Francisco, passed 3, recommended for rejection 5.

Twenty-three steerage passengers destined for Peru, per steamship *America Maru*, stopping at Honolulu en route, were inspected, bathed, and disinfected, and their effects were disinfected before embarkation.

During the week 1 case of personal effects was disinfected with formalin.

The official returns of infectious diseases for the week show 7 cases of plague with 6 deaths in Kobe.

At Osaka, from June 30 to September 11, 124 cases and 17 deaths from dysentery were reported; 62 cases are still under treatment.

An Indian stoker on board the Peninsular and Oriental steamship *Nile*, which arrived at Kobe from Europe, died of cholera September 6, during the voyage from Moji to Kobe. Two other Indian stokers were found to be suffering from the disease. Disinfection was carried out, and the first class passengers were subsequently allowed to land; the other passengers and the crew are detained on board the vessel for 5 days, in accordance with the quarantine regulations of Japan.

Special quarantine restrictions in force at Kobe—Port declared infected.

Doctor Knight reports, September 13:

In view of the fact that plague has increased at this port, in the vicinity of the shipping district, during the last 2 weeks, it has been deemed necessary to put into operation the special restrictions provided for in the United States quarantine regulations. The American consul was duly notified, and he declared the port infected. Thirteen cases with 8 deaths have developed during the past 12 days, all in proximity to the shipping districts. Yokohama, Nagasaki, and Manila were duly notified regarding the special quarantine restrictions at this port.

MEXICO.

Report from the Superior Board of Health of Mexico—Yellow fever in Yucatan.

In compliance with articles 1 and 2 of the International Sanitary Convention, held at Washington October 14, 1905, the president of the superior board of health of Mexico reports, October 11, that for the week ended October 9 one death from yellow fever (Oct. 3) was registered at the plantation of Tekik in the State of Yucatan, and that prophylactic measures continue to be observed.

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

Acting Assistant Surgeon Thompson reports, October 7:

Week ended October 7. Six vessels inspected; 1 vessel fumigated. Sanitary conditions of vessels, cargoes, and crews good. Health of the port good.

Report from Progreso—Inspection and fumigation of vessels—Yellow fever at Merida.

Acting Assistant Surgeon Harrison reports, October 4:

Week ended October 1.

Vessels dispatched.....	6
Vessels fumigated.....	2
Members of crews.....	280
Passengers from this port.....	18

No important sanitary changes occurred at Progreso. At Merida one death from yellow fever and one new case were reported.

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

Acting Assistant Surgeon Stowe reports, October 7:

Week ended October 6.

Vessels inspected and passed.....	3
Bills of health issued.....	3
Members of crews of outgoing vessels inspected.....	100
Passengers of outgoing vessels inspected.....	0
Vessels fumigated prior to sailing.....	1

No case of quarantinable disease occurred during the week. Sanitary condition of port and surrounding country good.

Mosquitoes are abundant. No efforts are made to control their breeding.

Report from Veracruz—Inspection and fumigation of vessels—Passengers on steamship Sonora released from observation—Sanitary conditions—Smallpox case, imported.

Acting Assistant Surgeon Carter reports, October 4:

Week ended October 3.

Bills of health issued.....	5
Vessels inspected.....	2
Vessels fumigated.....	3
Passengers inspected.....	112
Members of crews inspected.....	209

The sanitary conditions of Veracruz and vicinity remain fairly good.

The passengers who were removed from the Mexican steamship *Sonora*, which arrived at Veracruz September 24 with yellow fever on board, were released from observation September 28. All had been in good health to the time of their release. The vessel received her cargo and sailed about the same time.^a

One death from smallpox was reported during the week. This case was imported from Medellin and did not enter the city of Veracruz. The death occurred October 2. There are no cases in the lazaretto. The health conditions of the surrounding country are reported to be much improved. No serious sickness occurred on any of the vessels while in the harbor during the week and no mosquitoes were found on board at time of inspection.

Report of work done by the yellow fever commission during the month of September, 1909.

The following report is received from the chief of the sanitary commission through Acting Assistant Surgeon Carter, under date of October 4:

The following is the amount of work done in Vera Cruz by the yellow-fever commission during the month of September, 1909:

Visits made to—	
Nonimmunes.....	38, 075
Schools.....	380
Factories.....	216
Stores.....	445
Nonimmunes entering city.....	1, 397
Nonimmunes leaving city.....	1, 367
Houses disinfected.....	92
Deposits of water destroyed.....	7, 329
Deposits of water containing larvæ oiled.....	2, 653
Liters of oil used.....	6, 732
Houses cleaned.....	2
Notices sent to house owners.....	35
Complaints made to mayor.....	7
Passengers inspected on trains.....	9, 512
Suspects isolated in hospitals.....	51

NETHERLANDS.

Report from the Hague—Cholera at Hansweert and Lopik.

The following information is received from Minister Beaupré through the Department of State, under dates of September 28 and 29:

September 28. The minister for foreign affairs under date of September 29 states that 2 new cases of cholera appeared in the

^a See Public Health Reports, October 1 and 8, 1909, pages 1471 and 1511, respectively.

Netherlands September 24, 1 at Hansweert and the other at Lopik. The former of the 2 cases is that of a barber patronized by sailors. The said barber emphatically declares that in the last few days he has only been on board of a boat arrived from Antwerp. These cases occurred in 2 towns distant from one another. All measures for isolation and to prevent propagation have been adopted.

September 29. A second case of cholera appeared at Hansweert, in the wife of the barber mentioned in report of September 28.

PERU.

Report from Callao—Inspection and fumigation of vessels—Status of plague in Peru—Plague at Iquique, Chile.

Acting Assistant Surgeon Gutierrez reports, September 27:

Week ended September 18. Two steamships with an aggregate personnel of 145 in crew, 44 cabin passengers and 1 steerage passenger, fumigated. The Italian cruiser *Calabria* was passed without fumigation on statement of the medical officer.

Week ended September 25. Two steamships and one sailing vessel, with an aggregate personnel of 174 in crew and 56 cabin and 54 steerage passengers, fumigated.

The following is the latest report on plague in Peru received from the public health service:

Locality.	Cases August 27.	New.	Recovered.	Died.	Remaining September 9.
Department of Lima	7	4	3	2	6
Department of Libertad	4	5	1	4	4
Department of Piura	4	9	3	6	4
Department of Ica	1	0	1	0	0
Department of Arequipa	0	1	0	0	1

No cases of plague have occurred at Callao since September 1. Plague in Chile was reported on bills of health at Iquique, September 8, with 2 cases isolated in the lazaretto; 1 case and 1 death in the past 2 weeks.

PHILIPPINE ISLANDS.

Report from Manila—Inspection of vessels—Cholera—Status of cholera in the provinces—Inspection of vessels.

Chief Quarantine Officer Heiser reports, September 8:

Week ended September 4. Eight cases of cholera, with 6 deaths, occurred in the city of Manila.

Cholera in the provinces.

Province.	Cases.	Deaths.
Bulacan	28	14
Oriental Negros	49	34
Pampanga	1	1
Leyte		
Cebu	15	5
Albay	10	5
Camarines	37	28
Rizal		1
Ilocos Norte	23	7
Bohol	28	14
Cagayan	10	5
Total	201	114

Consular bills of health issued:

September 1 the British steamship *Keemun*, en route from Glasgow to Seattle and Tacoma, with 90 in crew and 2 steerage passengers, granted a supplemental bill of health. Personnel and cargo inspected prior to sailing. September 3 the British steamship *Lothian*, en route from Hongkong to Boston and New York, with 48 in crew, granted a supplemental bill of health. Personnel and cargo inspected prior to sailing.

Lepers in the Philippine Islands.

The following statement is taken from the report of the bureau of health of the Philippine Islands for the three months ended June 30, 1909:

Lepers living in the various provinces of the Philippine Islands.

Province.	Race.	Number of males.	Number of females.	Children.		Total.
				M.	F.	
Abra.....	Filipino.....	1	2			3
Albay.....	do.....	2		1		2
Ambos Camarines.....	do.....					10
Bulacan.....	do.....					15
Cagayan.....	do.....					20
Cebu.....	do.....					10
Culion.....	(a)	1,087	654	203	106	1,741
Ilocos Norte.....	Filipino.....					5
Ilocos Sur.....	do.....					5
Iloilo.....	do.....	8	1			9
Isabela.....	do.....					2
Lepanto-Bontoc.....	do.....					15
Moro Province.....	do.....	143	77	3	3	220
Misamis.....	do.....					2
Nueva Ecija.....	do.....	32	15	1		47
Pampanga.....	do.....					2
Rizal.....	do.....					2
Samar.....	do.....					2
Sorsogon.....	do.....		1			1
Tayabas.....	do.....					3
Zambales.....	do.....					2
San Lazaro Hospital.....	(b)	102	53	14	6	155
Total.....						2,273

a Europeans, 2; Filipinos, 1,736; Chinese, 3; total, 1,741.

b Filipinos, 149; Chinese, 5; and other, 1; total, 155.

PORTO RICO.

Report from Ponce—Transactions of service, month of September, 1909.

Acting Assistant Surgeon Ferrer-Torres reports, October 1:

Month of September, 1909.

Vessels inspected.....	10
Vessels in quarantine.....	2
Vessels disinfected.....	1
Passengers inspected:	
Incoming.....	113
In transit.....	926
Passengers in quarantine.....	4
Emigrants inspected.....	37
Rejections.....	0
Members of crews inspected.....	560
Bills of health issued.....	11
Pieces of baggage disinfected.....	13

RUSSIA.

Report from Libau—Status of cholera in Russia.

Acting Assistant Surgeon De Forest reports, October 2:

Cholera in Russia, period from September 18 to October 1, 1909, inclusive.

	Cases.	Deaths.		Cases.	Deaths.
St. Petersburg.....	510	201	Kem.....	2	1
Riga.....	26	16	Jekaterinoslav.....	5	2
Schock.....	1	1	Vitebsk.....	17	11
Novgorod, government.....	81	22	Kherson.....	1	.....
Tver.....	135	33	Hungerburg.....	3	3
Tver, government.....	24	9	Kreusholm.....	2	3
Jaroslav.....	65	32	Joachimstal.....	1	2
Jaroslav, government.....	239	118	Poltava, government.....	27	10
Balucha.....	11	3	Alexandrorsh.....	2	2
Bjelosersk.....	2	0	Grodno.....	3	3
Vologda.....	62	31	Jelissovetgrad.....	1	0
Archangel.....	18	7	Saratov.....	3	0
Dvinsk.....	17	4	Syzran.....	4	2
Folotzk.....	23	7	Baku.....	1	.....
Mohilev, government.....	63	48	Bjelostok.....	4	1
Kief.....	16	7	Mitau, city.....	13	7
Krementschug.....	21	12	Mitau, district.....	28	18
Khorol.....	3	1	Bauske, district.....	6	4
Ljubensker.....	5	1	Tukum, city.....	4	2
Kostroma.....	138	50	Friedrichstadt, city.....	3	2
Kineschna.....	7	3	Friedrichstadt, district.....	4	2
Kirillov.....	7	2	Jacobstadt, city.....	9	4
Perm.....	5	2	Illuxt, vicinity.....	23	14
Ouega.....	6	4	Illuxt, district.....	34	16
Astrachan.....	10	5	Griva, vicinity.....	128	56
Vladivostok.....	32	14			
Bobrov.....	1	.....	Total for Russia, exclu- sive of St. Petersburg.....	1,365	597
Kovno.....	5	2			
Moscow.....	4	2			

No quarantinable diseases exist in Libau.

ST. LUCIA ISLAND.

Reports from Castries—Inspection and fumigation of vessels—Sanitary conditions.

Acting Assistant Surgeon Maylie reports, September 20 and 27, and October 4:

Week ended September 18. Vessels inspected, 6; fumigated, 5.

Week ended September 27. Vessels inspected, 14; fumigated, 13.

Week ended October 2. Vessels inspected, 9; fumigated, 6.

Sanitary condition of port and island good. No quarantinable diseases exist.

SUMATRA.

Status of cholera in the Djambi district.^a

Consul Rairden at Batavia, Java, reports, August 28:

The government gazette reports 9 cases of cholera with 5 deaths in the Djambi district, Sumatra, from August 1 to 10.

^a See Public Health Reports, October 15, 1909, p. 1557.

VENEZUELA.

Reports from La Guaira—Inspection of vessels.

Acting Assistant Surgeon Kellogg reports, September 20 and 27:
Week ended September 19.

Bills of health issued.

Date.	Vessel.	Crew.	Passengers in transit.	Passengers taken.	Destination.
Sept. 18	Manuel Calvo a.....	126	67	46	Porto Rico.
20	Maracaibo.....	52	1	10	New York.
20	Prins Willem IV.....	64	13	13	Do.
20	Citta de Torino.....	85	.....	0	Colon.

a 40 pieces of baggage inspected and passed.

Week ended September 26.

Bills of health issued.

Date.	Vessel.	Crew.	Passengers in transit.	Passengers taken.	Destination.
Sept. 24	La Normandie.....	202	98	23	Colon.
25	Alexandrian.....	41	9	0	Galveston.

No quarantinable diseases are present in La Guaira.

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

ARGENTINA—*Rosario*.—Month of June, 1909. Estimated population, 171,736. Total number of deaths 322, including enteric fever 7, and 32 from tuberculosis.

Month of July, 1909. Total number of deaths 364, including diphtheria 8, enteric fever 8, measles 7, scarlet fever 1, smallpox 1, and 30 from tuberculosis.

BRAZIL—*Pernambuco*.—Two weeks ended August 15, 1909. Estimated population, 210,000. Total number of deaths 280, including measles 10, smallpox 17, and 57 from tuberculosis.

CANADA—*Ontario—Hamilton*.—Month of September, 1909. Estimated population, 67,000. Total number of deaths, 106, including diphtheria 1, enteric fever 3, scarlet fever 6, whooping cough 1, and 10 from tuberculosis.

CUBA—*Sagua la Grande*.—Month of September, 1909. Estimated population, 28,030. Total number of deaths, 36. No contagious diseases reported.

FORMOSA.—Two weeks ended September 4, 1909. Estimated population, 3,108,723. Number of deaths not reported. One death from diphtheria and 5 deaths from enteric fever reported.

FRANCE—*Cherbourg*.—Month of August, 1909. Estimated population, 43,837. Total number of deaths, 77, including enteric fever 8 and 15 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended September 18, 1909, correspond to an annual rate of 13.0 per 1,000 population, which is estimated at 16,445,281.

London.—One thousand one hundred and fifty-one deaths were registered during the week, including measles 5, scarlet fever 2, diphtheria 7, whooping cough 13, tuberculosis 145, enteric fever 1, and 129 from diarrhea. The deaths from all causes correspond to an annual rate of 12.4 per 1,000. In Greater London 1,656 deaths were registered. In the "outer ring" the deaths included 4 from diphtheria and 3 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended September 18, 1909, in the 21 principal town districts of Ireland was 15.1 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Sligo, viz, 4.8, and the highest in Newtownards, viz, 22.9 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended September 18, 1909, correspond to an annual rate of 12.1 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 14.5, and the lowest in Leith, viz, 5.5 per 1,000. The aggregate number of deaths registered from all causes was 431, including diphtheria 5, enteric fever 2, measles 4, scarlet fever 6, and 5 from whooping cough.

Portsmouth.—Four weeks ended August 28, 1909. Estimated population, 214,726. Total number of deaths 93, including diphtheria 5 and 4 from whooping cough.

ITALY—*Genoa*.—Two weeks ended September 15, 1909. Estimated population, 279,163. Total number of deaths, 136, including enteric fever 7, measles 1, and 27 from tuberculosis.

MALTA.—Two weeks ended September 11, 1909. Estimated population, 212,888. Total number of deaths, 165, including whooping cough 1, and 10 from tuberculosis.

RUSSIA—*Riga*.—Month of July, 1909. Estimated population, 355,000. Total number of deaths, 683, including diphtheria 6, enteric fever 5, measles 7, scarlet fever 25, typhus fever 16, small-pox 7, whooping cough 4, cholera 36, and 61 from tuberculosis.

SOUTH EAST AFRICA—*Lourenço Marquez*.—Month of August, 1909. Estimated population, 10,000. Total number of deaths, 40, including 9 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from June 26 to October 22, 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 December 25, 1908, to June 25, 1909, see PUBLIC HEALTH REPORTS for June 25, 1909.]

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	June 13-Aug. 28.....		161	
Chefoo.....	Aug. 28.....		5	Among Europeans; Sept. 11, epidemic.
Hankow.....	July 17-Aug. 28....	8	5	Aug. 28, still present among natives.
Kang Thau.....	Apr. 1-June 30....	4	2	
Shanghai.....	July 26-31.....	3	1	On s. s. Hudson; Aug. 7, present among foreigners and natives; Sept. 11, still present among natives.
Swatow.....	May 11-29.....			Present in vicinity.
Germany:				
Konigsberg.....	July 21.....		1	
Pakalinsne.....	Sept. 20.....	2	1	Near Russ.
Stoltzenhagen.....	Sept. 18.....		1	25 miles from Stettin.
India:				
Bombay.....	May 30-Sept. 14....		393	
Calcutta.....	May 16-Sept. 4....		416	
Madras.....	May 29-Aug. 20....		7	
Negapatam.....	May 8-14.....		4	
Rangoon.....	May 16-Sept. 4....		52	
Indo-China:				
Saigon.....	May 9-July 24.....	23	17	
Japan:				
Amagasaki.....	Aug. 14-21.....	4		
Kagawa, prefecture.....	Aug. 8-14.....	7		
Karatsu.....	Sept. 1-9.....	11	2	On s. s. Taian Maru.
Kobe.....	Sept. 6-13.....	3	1	July 31, 1 case on s. s. Nile.
Mitajiri.....	Aug. 22.....	21		From s. s. Kaga Maru.
Java:				
Batavia.....	Sept. 21.....			Present.
Korea:				
Chemulpo.....	Aug. 28.....			Epidemic in northern part.
Seoul.....	Sept. 11.....			Epidemic.
Seoul.....	Sept. 19.....	35		
Manchuria:				
Dalny.....	Aug. 11-Sept. 4....	3	3	Case Aug. 11 on s. s. Kobe Maru.
Liaoyang.....	Aug. 10.....		1	
Mukden.....	Aug. 14.....		1	
Tashihchiao.....	Aug. 11.....		1	
Yinkou.....	Aug. 14.....		1	
Yinkou.....	Aug. 14.....	6		
Netherlands, The.				
Amsterdam.....	Sept. 10.....	1	1	
Breda.....	Aug. 30-Sept. 4....	1		
Dirksland.....	Sept. 10.....	1		
Dordrecht.....	Aug. 30.....			Present.
Gorkum.....	Aug. 30-Sept. 4....	1		
Hansveert.....	Sept. 27-28.....	2		
Holsteren.....	Sept. 1-7.....	1		
Hoogvliet.....	Sept. 1-7.....	1		
Lopik.....	Sept. 27.....	1		
Middleburg.....	Sept. 4.....	1		
Pernis.....	Sept. 1-7.....	2		
Rotterdam.....	Aug. 20-Sept. 11....	34	15	
Tholen.....	Sept. 4.....	1		
Uithorn.....	Aug. 30-Sept. 4....	1		
Utrecht.....	Sept. 4.....	1		
Vlaardinger.....	Sept. 4.....	1		
Philippine Islands:				
Manila.....	July 11-Sept. 4....	13	10	Fourth quarter 1908, 308 cases and 190 deaths; first quarter 1909, 1 death (imported); second quarter 1909, no cholera.
Provinces.....				
				Fourth quarter 1908, 7,330 cases and 4,292 deaths; first quarter 1909, 2,221 cases and 1,405 deaths; second quarter 1909, 961 cases and 630 deaths.
Albay.....	Aug. 27-Sept. 4....	353	258	
Ambos Camarines.....	July 4-Sept. 4....	414	299	
Bohol.....	Aug. 28-Sept. 4....	42	24	
Bulacan.....	July 4-Sept. 4....	132	91	
Cagayan.....	July 11-Sept. 4....	220	116	
Cebu.....	May 16-Sept. 4....	74	34	

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands—Continued.				
Provinces—Continued.				
Dapitan.....	May 9-15.....			Present.
Ilocos Norte.....	Aug. 15-Sept. 4.....	107	54	
Iloilo.....	May 23-June 19.....	28	18	
Isabela.....	July 18-24.....	5	4	
Leyte.....	June 6-July 31.....	22	11	
Moro.....	May 29-July 3.....	9	9	
Mountain.....	June 20-26.....	27	15	
Negros Occidental.....	May 9-15.....	8	2	
Negros Oriental.....	May 16-Sept. 4.....	432	301	
Panganga.....	May 9-Sept. 4.....	378	268	
Pangasinan.....	June 13-19.....	1		
Rizal.....	July 25-Sept. 4.....	2	2	
Samar.....	May 9-July 10.....	42	26	
Sorsogon.....	May 9-15.....	8	2	
Tarlac.....	July 4-Aug. 28.....	13	11	
Russia, general.....	May 23-Sept. 18.....	9,743	3,978	July 23, present in Kreutzburg Mahlgraben, Muravevo, Pinnega, Radswiltschki, Reval, Schaulen, and Tver.
Alexandrovsk.....	Aug. 28-Oct. 1.....	10	8	
Archangel.....	June 26-Oct. 1.....	355	191	
Astrachan.....	Sept. 17-Oct. 1.....	14	7	
Baku, government.....	July 4-Oct. 1.....	2		
Chmalysk, district.....	July 1.....	1		
Courland.....	July 5-Oct. 1.....	245	107	
Cronstadt.....	June 30-Sept. 17.....	66	26	
Dorpat.....	Aug. 14-20.....	1		
Drissa.....	July 23-Sept. 17.....	38	17	
Esthonia, government.....	July 1-Aug. 21.....	4	3	
Finland, general.....	July 16.....	1		
Mariengam.....	June 23-24.....	1	1	
Viborg.....	July 9-16.....	1		
Gadjatschek.....	Aug. 13-Sept. 3.....	53	18	
Griva.....	Sept. 25-Oct. 1.....	128	56	
Hungerburg.....	July 30-Oct. 1.....	11	7	
Jaroslav, government.....	Sept. 11-Oct. 1.....	361	177	
Jaroslav.....	July 4-Oct. 1.....	470	237	
Kem.....	Aug. 8-Oct. 1.....	47	24	
Kharkov.....	Aug. 1-Sept. 3.....	20	10	
Kherson.....	Oct. 1.....	1		
Kief.....	Sept. 11-Oct. 1.....	26	17	July 30, present.
Kostroma.....	July 23-Oct. 1.....	186	64	
Kretsky, district.....	July 1.....	1		
Livonia.....	July 5-Aug. 21.....	85	41	
Mitau.....	July 15-Oct. 1.....	28	17	
Mohileve, government.....	Aug. 21-Oct. 1.....	131	67	
Moscow.....	July 9-Oct. 1.....	25	9	
Nishni Novgorod.....	July 4-Sept. 17.....	57	31	
Novgorod, government.....	July 4-Oct. 1.....	393	131	
Olonets, government.....	June 20-Aug. 14.....	11	7	
Pern.....	Aug. 2-Oct. 1.....	27	11	
Polotzk.....	June 27-Oct. 1.....	711	202	
Poltava, government.....	Aug. 15-Oct. 1.....	105	47	
Pskov.....	July 1-Sept. 17.....	120	42	
Reval.....	Aug. 21-27.....	2		
Riga.....	July 1-Oct. 1.....	307	123	
Rjasin.....	June 24-July 16.....	3	3	
Rubinsk.....	July 30-Sept. 17.....	185	103	
Samara.....	Aug. 15-17.....	5	2	
Saratov.....	Aug. 15-Oct. 1.....	7	1	
Simbirsck.....	July 13.....	2		
St. Petersburg, government.....	June 9-Sept. 18.....	789	370	
St. Petersburg.....	June 2-Oct. 1.....	5,232	2,038	
Tver, government.....	Aug. 15-Oct. 1.....	348	81	
Viatka, government.....	July 6-24.....	2	2	
Vilna.....	July 11-Aug. 21.....	61	20	
Vitebsk, government.....	July 9-Sept. 17.....	703	261	
Vologda, government.....	May 31-Oct. 1.....	544	234	
Siam:				
Bangkok.....	Apr. 25-May 28.....	1		
Siberia:				
Vladivostok.....	Sept. 23-Oct. 1.....	32	14	
Straits Settlements:				
Singapore.....	May 9-Aug. 28.....		19	
Sumatra:				
Djambi.....	July 15-Aug. 10.....	214	113	Among natives.
Sweden:				
Stockholm.....	Aug. 12.....	1		Imported.

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

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Barbados, general.....	June 13-Aug. 14...	2	1	St. Joseph Parish, December to June, 14 deaths not previously reported.
Brazil:				
Bahia.....	May 22-Aug. 27...	40	19	
Manaos.....	May 23-Aug. 14...		11	Apr. 24-May 1-2 deaths. Reported out of date.
Para.....	May 30-Sept. 25...	53	48	
Pernambuco.....	Apr. 15-July 31...		10	
British Guiana:				
Suddie.....	July 22.....	1	1	35 miles from Georgetown.
Ecuador:				
Guayaquil.....	May 23-Sept. 11...		50	
Mexico:				
Merida.....	June 5-Oct. 1.....	10	4	Sept. 11, 2 cases imported from the district of Acanceh.
Tekik.....	Oct. 1.....	1		
Veracruz.....	Sept. 24.....		1	On s. s. Sonora.
Panama:				
Canal Zone— Ancon.....	Mar. 1-31.....			1 case at Culebra Island quarantine station, from a vessel, and 1 fatal case en route from Guayaquil.
Venezuela:				
Maiquetia.....	Aug. 15-25.....	2	2	

PLAGUE.

Australia:				
Adelaide.....	Apr. 30-June 12...	2	2	And vicinity.
Mackay.....	Jan. 21-June 6....	2	2	
Sydney.....	Apr. 18-May 29...	5	1	
Azores:				
Terceira.....	June 16.....	3	1	
Bahrein Island, Persian Gulf...	May 29-June 10...		6	
Brazil:				
Bahia.....	May 22-Aug. 6....	22	13	
Rio de Janeiro.....	May 17-Sept. 12...	5	2	
Calle:				
Antofagasta.....	May 9-30.....	13	5	July 10, 4 cases in the lazaretto.
Iquique.....	May 20-Sept. 8...	21	10	Sept. 8, 2 cases in the lazaretto.
Magillones.....	May 4.....			Still present.
China:				
Amoy.....	June 1-Aug. 28...		822	
Canton.....	May 9-Aug. 7....	325	211	
Chang-Foo.....	July 23.....			Epidemic.
Chinchew.....	May 22.....			Do.
Eng-Ta-Tau.....	July 1-31.....	11	4	
Hongkong.....	May 2-Aug. 18...	92	83	
Kang-be.....	July 24.....	61	59	
Kang Thau.....	Apr. 1-July 31...	125	62	
Pollam.....	May 23-29.....	8	7	
Swatow district.....	May 16-July 3...		450	July 1, 200 cases still present in Touchowfu and Yin Shan.
Swatow.....	May 16-July 19...		2	
Ecuador:				
Chunchi.....	June 1-30.....	3	1	
Duran.....	July 16-31.....	3		
Guayaquil.....	May 23-Aug. 28...		70	
Huigra.....	May 1-June 15...	16	3	
Egypt:				
Alexandria.....	May 30-Sept. 20...	14	10	
Port Said.....	May 29-Sept. 21...	14	5	
Provinces—				
Assiout.....	May 14-Sept. 28...	48	8	
Beherach.....	June 14-Sept. 8...	37	14	
Galyoobeeyeh.....	June 2-Sept. 6...	10	2	
Garbieh.....	June 2-Sept. 14...	47	18	
Fayum.....	June 3-23.....	15	6	
Menouf.....	Jan. 18-Aug. 17...	87	17	
German East Africa:				
Muanza district.....	Apr. 30-May 22...		12	
Hawaii:				
Hilo.....	Aug. 19-Sept. 19...	3	2	Cases Sept. 6 and 19 at Papaikou.
Honolulu.....	July 20.....	1		The case arrived on the s. s. Korea, had been ill 11 days, and probably received infection at Hongkong.
Olaa plantation.....	Aug. 20-22.....	3	2	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay Presidency and Sind.	May 16-Sept. 4....	5,548	4,150	
Madras Presidency.....	May 16-Sept. 4....	1,944	1,217	
Bengal.....	May 16-Sept. 4....	1,008	846	
United provinces.....	May 16-Sept. 4....	4,202	3,615	
Punjab.....	May 16-Sept. 4....	7,167	6,135	
Burma.....	May 16-Sept. 4....	1,415	1,348	
Central provinces, including Berar.	May 16-Sept. 4....	967	703	
Mysore State.....	May 16-Sept. 4....	1,364	972	
Central India.....	July 18-Sept. 4....	302	173	
Rajputana and Ajmer-Merwara.	May 16-Sept. 4....	1,062	887	
Kashmir.....	May 16-June 12....	4	3	
Grand total.....		24,983	20,049	
Indo-China:				
Saigon.....	May 9-Sept. 4....	107	103	
Japan:				
Formosa.....	May 23-July 17....	223	156	In south and central parts.
Kobe.....	May 30-Sept. 18....	69	53	
Osaka.....	July 4-10.....	1	1	
Nagasaki.....	Sept. 11.....			Present on a vessel.
Shikoku, island.....	July 17-Aug. 3....	3	1	
Shimonoseki.....	Sept. 11.....			Present.
Tokyo.....	June 26.....	3		
Yokohama.....	May 25-Aug. 7....	28	24	
Mauritius.....	Apr. 1-Aug. 5....	21	21	
Morocco:				
Casablanca.....	July 15-Sept. 17....		4	Among troops.
Peru:				
Arequipa, department.....	May 8-Sept. 9....	12	2	
Chala.....	July 3-15.....			Present.
Mollendo.....	July 3-15.....			Do.
Cajamarca, department.....	May 8-July 15....	20	6	
Callao, department.....	May 8-Aug. 12....	10	4	
Callao.....	June 20-Aug. 7....			Present. Sept. 1, again present.
Ica, department.....	July 3-Sept. 9....	2		
Lambayeque, department.....	May 8-Aug. 12....	18	11	
Eten.....	July 15.....			Present.
Libertad, department.....	May 8-Sept. 9....	21	11	
Salaverry.....	July 15.....			Do.
Lima, department.....	May 8-Sept. 9....	34	14	
Cerro Azul.....	July 15.....			Do.
Moquegua, department.....	July 16-29.....	6	2	
Ilo.....	July 15.....			Do.
Pescadores Islands.....	June 27-July 3....	4		From s. s. Lodore.
Piura, department.....	June 18-Sept. 9....	41	28	
Paíta.....	June 20-July 15....			Present.
Russia:				
Kirgisenaul.....	Aug. 5-8.....	19	18	In the Ural district, to Aug. 14, 22 deaths.
Siam:				
Bangkok.....	Apr. 25-Aug. 28....	22	22	
Trinidad:				
Port of Spain.....	June 13-July 18....	6	5	
Turkey in Asia:				
Adalia.....	June 25-July 29....	5	3	
Beirut.....	June 25-July 4....	1		In Harrett Aryk.
Uruguay:				
Montevideo.....	May 1-June 30....		2	
Venezuela:				
Caracas.....	June 18-Aug. 16....	13	3	
Zanzibar.....	July 14-26.....	3	3	

SMALLPOX.

Algeria:			
Algiers.....	May 1-Aug. 31....	27	19
Bona.....	June 1-Aug. 31....	49	25
Arabia:			
Aden.....	Aug. 3-9.....		1
Argentina:			
Buenos Aires.....	Mar. 1-July 30....		51
Rosario, department.....	Apr. 1-July 31....	3	3

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Austria:				
Galicia.....	June 6-July 31.....	6		
Silesia.....	June 20-Aug. 7.....	17		
Belgium:				
Antwerp.....	July 18-24.....	4		
Brazil:				
Bahia.....	May 22-Aug. 27.....	56	22	
Pernambuco.....	Apr. 1-Aug. 15.....		82	
Rio de Janeiro.....	May 17-Sept. 12.....	80	31	
Santos.....	May 10-16.....		1	
São Paulo.....	May 10-July 18.....		12	
Canada:				
British Columbia—				
Vancouver.....	June 1-July 31.....	4		
Nova Scotia—				
Halifax.....	June 13-Aug. 7.....	5		
Ontario—				
Hamilton.....	Sept. 1-30.....	2		
Quebec—				
Montreal.....	June 17.....			2 cases additional at Grosse Isle on s. s. Virginian.
Ceylon:				
Colombo.....	May 23-29.....	2		
Chile:				
Valparaiso.....	May 16-Aug. 28.....			Present.
Santiago.....	May 29-Aug. 21.....			Do.
China:				
Amoy.....	June 1-July 10.....	24	31	May 9-15; present.
Eng-Ta-Tau.....	July 1-31.....	9		
Hankow.....	Aug. 21.....	1		Apr. 26-June 12, present among natives.
Hongkong.....	May 2-June 26.....	16	12	
Kang Thau.....	Apr. 1-June 30.....	7	1	
Newchwang.....	Aug. 1-14.....	2	1	
Shanghai.....	May 10-Aug. 7.....		8	Sept. 7, still present among natives. Sept. 4, one case on s. s. Wilmington.
Tientsin.....	June 27-July 3.....	1	2	
Egypt, general.	Apr. 30-Aug. 26.....	1,505	354	
Alexandria.....	June 1-30.....	3		
Cairo.....	May 21-Sept. 9.....		17	
Suez.....	May 21-July 8.....	46	3	
Ecuador:				
Ensenada.....	Aug. 25.....			Epidemic.
Guayaquil.....	June 1-Aug. 10.....	3		In July, 4 cases and 1 death in vicinity.
France:				
Bordeaux.....	Sept. 4.....		1	
Marseille.....	June 1-30.....		5	
Nantes.....	July 1-31.....	1		
Paris.....	May 23-Sept. 18.....	40	3	
Toulon.....	July 25-31.....		1	
Germany, general.	May 30-Sept. 25.....	23		
Gibraltar.	Aug. 8-Sept. 26.....	3		
Great Britain:				
Cardiff.....	July 6.....	1		
Liverpool.....	June 21-26.....	2		Case, June 22, from s. s. Canada.
India:				
Bombay.....	May 26-Sept. 7.....		89	
Calcutta.....	May 16-Sept. 4.....		128	
Madras.....	May 22-Sept. 10.....		17	
Rangoon.....	May 12-Sept. 4.....		29	
Indo-China:				
Saigon.....	May 9-Aug. 7.....	21	20	
Italy, general.	May 31-Oct. 3.....	266		
Genoa.....	June 1-Sept. 30.....		20	
Naples.....	May 31-Oct. 3.....	310	55	
Ottiana.....	June 23.....	1		
Rome.....	Mar. 7-13.....	1	1	
Japan:				
Formosa.....	June 13-19.....	1		
Moji.....	June 6.....	1		From s. s. Selja.
Osaka.....	Jan. 1-May 31.....	3		
Yokohama.....	June 1-7.....	1		
Java:				
Batavia.....	May 6-Aug. 28.....	27	1	
Malta:				
Valetta.....	Sept. 11.....	2		
Mauritius:				
Port Louis.....	Apr. 1-30.....	1	1	

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico:				
Aguascalientes.....	June 21-27.....		1	
Chihuahua.....	Aug. 16-22.....	1		
Guadaluajara.....	June 11-Sept. 9.....		4	
Mexico.....	May 16-Aug. 28.....		86	
Monterey.....	June 14-Sept. 26.....		28	
Veracruz.....	June 1-Oct. 2.....	13	5	Aug. 12-Oct. 2; 7 cases imported from Medellin.
Newfoundland:				
St. Johns.....	Sept. 4.....	3		
Norway, general.....	Apr. 1-May 30.....	3		
Panama:				
Canal Zone— Ancon.....	Mar. 1-31.....	1		At Culebra Island quarantine station; from a vessel.
Persia:				
Khorassan.....	June 1-30.....			Epidemic.
Kurdistan.....	June 1-30.....			Do.
Mazanderan.....	July 1-31.....			Do.
Meshed-i-Sur.....	June 1-30.....			Epidemic in vicinity.
Shiraz.....	May 1-31.....			Present.
Turbat-i-Haidari.....	May 1-31.....			Do.
Peru:				
Lima.....	July 4-10.....	1		In the lazaretto.
Mollendo.....	Aug. 28.....			Present.
Philippine Islands:				
Manila.....	May 9-July 31.....	17	7	Fourth quarter, 1908, 28 cases and 8 deaths; first quarter, 1909, 55 cases and 16 deaths; second quarter, 1909, 76 cases and 9 deaths.
Portugal:				
Lisbon.....	May 30-Sept. 25.....	133		
Russia:				
Libau.....	May 6-Aug. 1.....	4		
Moscow.....	May 16-Sept. 25.....	358	111	
Odessa.....	May 30-Sept. 25.....	87	15	
Riga.....	June 6-Sept. 25.....	71		May 1-July 31, 24 deaths
St. Petersburg.....	May 16-Sept. 18.....	354	80	
Warsaw.....	Apr. 25-Aug. 28.....		20	
Siam:				
Bangkok.....	Apr. 25-June 28.....	2	1	
Siberia:				
Vladivostok.....	May 15-June 3.....	4	1	
Spain:				
Barcelona.....	June 1-Sept. 27.....		66	
Huelva.....	May 1-July 31.....		21	
Madrid.....	May 1-Aug. 31.....		352	
Seville.....	May 1-June 30.....		2	
Tarragona.....	July 20-26.....		1	
Valencia.....	May 20-Oct. 22.....	74	3	
Vigo.....	May 23-Sept. 25.....		16	
Straits Settlements:				
Penang.....	Aug. 15-21.....	1		
Singapore.....	May 16-July 10.....		2	
Switzerland:				
Aargau, canton.....	June 20-26.....	1		
Fribourg, canton.....	June 13-19.....	1		
Geneva, canton.....	May 30-June 26.....	9		
Tripoli:				
Tripoli.....	May 23-Aug. 28.....	84	17	
Turkey in Asia:				
Bagdad.....	July 19.....			Present in interior.
Bagdad.....	May 9-Aug. 14.....			Present.
Bassorah.....	May 23-June 26.....			Do.
Hadjin.....	July 19.....			Do.
Smyrna.....	May 7-Sept. 3.....		143	
Turkey in Europe:				
Constantinople.....	May 31-Aug. 1.....		8	
Uruguay:				
Montevideo.....	Apr. 1-July 31.....		16	

Weekly mortality table, foreign and insular cities.

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.							
Acapulco.....	Sept. 25	5,000	40																		
Aden.....	Aug. 16	43,974	20	5																	
Do.....	Aug. 23	43,974	22	2																	
Do.....	Aug. 30	43,974	22	3																	
Do.....	Sept. 6	43,974	22	3																	
Do.....	Sept. 13	43,974	18	2																	
Aguascalientes.....	Sept. 26	40,000	44						1												
Do.....	Oct. 3	40,000	59	1																	1
Alexandria.....	Aug. 26	391,121	281	16	1						5				1	2		1			
Do.....	Sept. 2	391,121	269	14						11					4						
Amsterdam.....	Sept. 25	565,839	107	20						1					1						4
Antwerp.....	Sept. 18	323,921	54	5																	
Barmen.....	Sept. 4	162,300	33	5																	
Basel.....	Sept. 18	131,000	31	4																	
Belfast.....	Sept. 25	386,576	121	25								1									7
Belize.....	Sept. 30	9,113	4																		
Bergen.....	Sept. 25	87,749	28	3											3						
Birmingham.....	do.....	558,336	162							1		3		1							1
Bombay.....	Sept. 14	977,822	591	62	9	22				3											
Bradford.....	Sept. 25	293,983	81	10						1											1
Bremen.....	do.....	235,648	55	8											1						
Breslau.....	Sept. 18	335,186	182	27																	1
Bristol.....	Sept. 25	377,642	75												1						2
Cairo.....	Sept. 16	704,836	464	32				1	1	7				24							1
Calcutta.....	Aug. 28	847,796	407	36	7	5														3	
Do.....	Sept. 4	847,796	401	24	9	5		1													
Canton.....	Aug. 21	1,000,000	250	20							8										
Do.....	Aug. 28	1,000,000	225	20						6											
Cardiff.....	Sept. 4	185,303	41	5										1							4
Do.....	Sept. 11	185,303	43	2																	2
Do.....	Sept. 18	185,303	39	3																	
Do.....	Sept. 25	185,303	43	3																	
Chemnitz.....	Sept. 18	277,988	85	7										1							
Christiania.....	Sept. 25	236,000	48	5																	
Coburg.....	Sept. 18	23,396	5	1																	
Colon.....	Sept. 25	16,000	16	1																	
Copenhagen.....	Sept. 11	450,000	105	8										1							2
Coquimbo.....	Sept. 4	12,000	9	1																	
Denia.....	Sept. 25	12,431	3																		
Dresden.....	do.....	546,000	139	16										1	1				2		1
Dublin.....	Sept. 11	394,525	134	21									2		1						1
Do.....	Sept. 18	394,525	136	30											1						2
Do.....	Sept. 25	394,525	157	30										1	2						
Durban.....	Sept. 4	60,244	16	2																	
East London.....	do.....	49,253	2																		
Edinburgh.....	Sept. 25	355,366	74	8									4								2
Erfurt.....	Sept. 11	107,758	35	1										4							1
Fort de France.....	do.....	27,069	12																		
Frankfort-on-the-Main.....	Sept. 18	366,200	81											1							
Frontera.....	Sept. 25	9,000	7																		
Geneva.....	Sept. 18	121,500	24																		
Georgetown.....	Sept. 11	56,000	57	7							2										
Ghent.....	Sept. 18	164,579	44	1										1							1
Gibraltar.....	Sept. 26	36,830	7																		
Do.....	Oct. 2	36,830	6																		
Glasgow.....	Oct. 1	872,021	241								5			2	7						3
Greenock.....	Sept. 25	72,300	12																		
Guadalajara.....	Sept. 16	125,000	79																		
Do.....	Sept. 23	125,000	74																		
Do.....	Sept. 30	125,000	72									1	2								
Halifax.....	Oct. 2	50,000	12	1																	
Hamburg.....	Sept. 25	872,252	258	23										4	12						1
Hamilton, Bermuda.....	Sept. 28	20,206	5																		
Do.....	Oct. 4	20,206	3																		
Hilo.....	Sept. 18	3,500	4																		
Konigsberg.....	do.....	240,000	85	13																	1
Lausanne.....	do.....	14,500	9																		
Leeds.....	Sept. 25	484,012	99	4																	1
Leipzig.....	Sept. 18	537,686	143	16										1							4
Leith.....	Sept. 25	85,721	29	3																	
Liege.....	Sept. 28	175,843	46	4																	
Liverpool.....	Sept. 25	760,357	234	13										1	1	1					1

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.
Lisbon.....	July 24	406,869	203	28				1		1		3	4	1
Do.....	July 31	406,869	210	30								2	2	
Do.....	Aug. 7	406,869	183	23						3		1	2	
London.....	Sept. 25	4,833,938	1,127	133						2	8	16	5	14
Lubeck.....	do.....	97,000	34	5										
Madras.....	Sept. 10	509,346	361					1					1	
Magdeburg.....	Sept. 18	250,628	69	2										
Managua.....	Sept. 4	22,278	20											
Do.....	Sept. 11	22,278	17	1										
Manchester.....	Sept. 25	681,533	203	7					1	5			5	3
Mannheim.....	Sept. 11	183,770	55	5								1		
Manzanillo.....	Sept. 25	1,700	1											
Mazatlan.....	do.....	22,000	25											
Mexico.....	Sept. 11	400,000	346	26					6	1		2		
Moncton, N. B.....	Oct. 2	13,500	3									1		
Monterey.....	Oct. 3	100,000	53	1						1				1
Montreal.....	Oct. 2	389,837	158	7						5	1			
Do.....	Oct. 9	389,837	169	12						7	3			
Moscow.....	Sept. 18	1,335,104	260	57		2				3	20	12	12	6
Nantes.....	Sept. 19	161,908	43	9						2				
Do.....	Sept. 26	161,908	52	11									1	
Naples.....	Sept. 25	593,729	302					2						
Newcastle on Tyne.....	do.....	281,584	71							1				
Nottingham.....	Sept. 18	260,000	65							1			1	
Nuevo Laredo.....	Oct. 2	8,000	4											
Odessa.....	Sept. 25	467,000	243	24				1		9	18	6	5	1
Ottawa.....	do.....	80,200	24											
Do.....	Oct. 2	80,200	34											
Para.....	Sept. 18	185,000	73	9			1							
Do.....	Sept. 25	185,000	58	8			1							
Paris.....	do.....	2,776,394	720	167						6	1	4	7	6
Palermo.....	Sept. 11	335,000	140	7						1			1	1
Do.....	Sept. 18	335,000	152	8						2			3	
Penang.....	Sept. 4	102,520	73	16										
Plymouth.....	Sept. 25	124,180	33											
Port Elizabeth.....	Sept. 11	32,959	10	3										
Port of Spain.....	Sept. 18	60,000	34	8										
Prague.....	do.....	229,965	98	21										
Queenstown.....	Sept. 25	7,684	5											
Rangoon.....	Sept. 4	252,155	186	8	7	3		1				2		
Rio de Janeiro.....	Aug. 29	811,443	241	50	1			1						
Do.....	Sept. 5	811,443	228	58				1		3			2	
Do.....	Sept. 12	811,443	228	58									2	
St. John, N. B.....	Oct. 2	47,000	6							1				
Do.....	Oct. 9	47,000	9	2						1				
Santiago de Cuba.....	Oct. 2	53,614	19	2										
Singapore.....	Sept. 4	271,660	217	30										
Southampton.....	Sept. 25	124,777	31	2						1				
South Shields.....	do.....	117,627	23	1										1
Stettin.....	do.....	230,000	98	11							3	1		
Sunderland.....	do.....	159,137	34											2
Tarragona.....	do.....	20,400	6	1					1					
Tegucigalpa.....	Sept. 20	24,000	9	1										
Trieste.....	Sept. 18	217,700	94								1			
Valencia.....	Sept. 25	240,000	91	8								1		
Veracruz.....	do.....	32,900	41	12			1							
Do.....	Oct. 2	32,900	39	6				1						
Victoria, B. C.....	Sept. 25	30,000	12	1										
Do.....	Sept. 30	30,000	4											
Vienna.....	Sept. 25	2,064,037	561	79						2	1	3		1
Vigo.....	do.....	40,000	16	3						2				
Vladivostok.....	Aug. 21	85,004	25	1				1						
Do.....	Aug. 28	85,004	24	1										
West Hartlepool.....	Sept. 25	66,750	9									1		
Winnipeg.....	Oct. 2	122,000	35											
Do.....	Oct. 9	122,000	37	2						2				

The following cases of and deaths from smallpox, yellow fever, cholera, and plague have been reported to the Surgeon-General, Public Health and Marine-Hospital Service, during the week ended October 22, 1909:

SMALLPOX—UNITED STATES.

Place.	Date.	Cases.	Deaths.	Remarks.
District of Columbia:				
Washington.....	Oct. 2-9.....	3		
Indiana:				
Fort Wayne.....	Sept. 19-Oct. 2.....	15		
New York:				
Buffalo.....	Oct. 2-9.....	1		
North Carolina:				
Charlotte.....	Oct. 1-8.....	3		
Ohio:				
Cincinnati.....	Oct. 2-9.....	1		
Dayton.....	Oct. 2-9.....	1		
Oklahoma:				
General.....	Aug. 1-31.....	18		
Wisconsin:				
La Crosse.....	Oct. 2-9.....	1		

SMALLPOX—FOREIGN.

Canada:				
Hamilton.....	Sept. 1-30.....	2		
Gibraltar.....	Sept. 19-26.....	2		
India:				
Calcutta.....	Aug. 21-Sept. 4.....		2	
Madras.....	Sept. 4-10.....		1	
Rangoon.....	Aug. 28-Sept. 4.....		1	
Italy:				
Genoa.....	Sept. 1-30.....	7		
Naples.....	Sept. 26-Oct. 2.....	17	4	
Java:				
Batavia.....	Aug. 21-28.....	4	1	
Malta.....	Sept. 4-11.....	2		
Mexico:				
Veracruz.....	Sept. 26-Oct. 3.....	1	1	Imported.
Portugal:				
Lisbon.....	Sept. 11-25.....	13		
Russia:				
Moscow.....	Sept. 11-25.....	7	2	
Odessa.....	Sept. 18-25.....	2	1	
Riga.....	Sept. 18-25.....	2		
Warsaw.....	Aug. 14-28.....		2	
Spain:				
Valencia.....	Sept. 18-25.....	1		
Vigo.....	Sept. 18-25.....		1	
Turkey:				
Smyrna.....	Aug. 5-Sept. 17.....		79	

YELLOW FEVER.

Brazil:				
Para.....	Sept. 11-25.....	4	2	
Ecuador:				
Guayaquil.....	Sept. 11-18.....		3	

CHOLERA—INSULAR.

Philippine Islands:				
Manila.....	Aug. 28-Sept. 4.....	8	6	
Provinces.....	Aug. 28-Sept. 4.....	201	114	

CHOLERA—FOREIGN.

Place.	Date.	Cases.	Deaths.	Remarks.
China: Hankow.....	Aug. 21-28.....	1		
India: Bombay.....	Sept. 7-14.....		22	
Calcutta.....	Aug. 21-Sept. 4.....		10	
Rangoon.....	Aug. 28-Sept. 4.....		3	
Japan: Kobe.....	Sept. 6.....	3	1	
Korea: Seoul.....	Sept. 23.....			Present.
Netherlands: Hansweert.....	Sept. 27-29.....	2		
Lobk.....	Sept. 27-29.....	1		
Russia: General.....	Sept. 18-Oct. 1.....	1,365	587	
St. Petersburg.....	Sept. 18-Oct. 1.....	510	201	

PLAGUE—INSULAR.

Place.	Date.	Cases.	Deaths.	Remarks.
Hawaii: Hilo.....	Sept. 19.....	1		Vicinity.

PLAGUE—FOREIGN.

Chile: Iquique.....	Sept. 8.....	2		In lazaretto.
Ecuador: Guayaquil.....	Sept. 11-18.....		11	
India: General.....	Aug. 21-28.....	2,297	1,811	
	Aug. 28-Sept. 4.....	2,837	1,952	
Bombay.....	Sept. 7-14.....		9	
Calcutta.....	Aug. 21-28.....		16	
Rangoon.....	Aug. 28-Sept. 4.....		7	
Indo-China: Saigon.....	Aug. 21-Sept. 4.....	15	14	
Japan: Kobe.....	Sept. 4-11.....	7	6	
Peru: General.....	Aug. 20-27.....	16	12	

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Surgeon-General,
United States Public Health and Marine-Hospital Service.