

PUBLIC HEALTH REPORTS.

Further concerning hydrocyanic-acid gas against household insects.

Public Health Reports of November 13 contains a very practical and instructive article by Dr. L. O. Howard upon the employment of hydrocyanic-acid gas in destroying household insects. Apropos of this subject, an abstract from a paper read before the American Public Health Association by Dr. Fernando Lopez, of Mexico, will be of interest.

Doctor Lopez first draws attention to the relation of insects and animals to communicable diseases. He lays particular stress upon the rôle played by the mosquito in malaria, filariasis, and yellow fever and the carrying of bubonic plague infection by fleas. He mentions the possibility of typhoid or tubercle bacilli being carried by flies and other insects and the part played by rats and mice in spreading plague and other diseases.

After establishing the relation between insects and rodents and the communicable diseases, he emphasizes the value and necessity of disinfecting with an agent which will surely and rapidly destroy animal and insect life. His experiments, conducted at the military hospital of instruction, show that hydrocyanic acid gas in a closed room kills animals and insects quickly and surely if generated in proper volume and if cracks and crevices in the room are properly sealed. He states that for chinchies, fleas, lice, and cockroaches, no less than 20 grams of cyanide to the cubic meter should be used and the time of exposure should be at least six hours.

For rats and mice 15 grams to the cubic meter should be used, the exposure to last at least four hours. For mosquitoes 10 grams to the cubic meter should be used, the exposure lasting six hours. He says that 1 gram to the cubic meter, with an exposure of one hour, is sufficient to kill flies:

He agrees with Doctor Howard in the great care which should be exercised in handling this highly potent poison and that although the gas is not supposed to be inflammable, all lights should be extinguished. He commends the method of generating the gas as outlined by Doctor Howard (dropping the potassium cyanide contained in a paper bag into a basin of dilute acid), but suggests that tarlatan be used instead of paper

bags for containing the charge of potassium cyanide. This material permits the reaction to begin immediately, whereas the paper bag might cause some delay.

In a very large room where a large quantity of the cyanide must be used, he suggests the following method, which will generate the gas more slowly and obviate the danger from violent ebullition and heat production which may result where a large quantity of the salt is dropped at once into the acid.

“The process consists in placing the salt with a little water in a porcelain cask of sufficient capacity, and the sulphuric acid conveniently diluted in another cask which has a faucet. Place a porcelain or enameled iron vessel in the mouth of the first cask, holding it in place by wires, giving it a slight inclination, so that the liquid poured into it will run into the interior of the cask; place the cask containing the sulphuric acid upon the table so that the faucet will be in the air; place the second cask upon the floor so that the vessel attached to its mouth will be just beneath the faucet. Having prepared everything in this way and the time comes to verify the reaction, calmly turn the faucet so that the solution of sulphuric acid will fall on the small vessel and run into the cask containing the cyanide. It is easily understood that by using this artifice there will be plenty of time to escape from the action of the gas and to complete the operation with calmness and surety.”

Doctor Lopez says further that the gas constitutes “an estimable agent for the disinfection of railroad cars, especially against the propagation of yellow fever.” He also thinks the method particularly applicable for the destruction of animals and insects on board ships, because of the ease with which a ship can be isolated from other habitations.

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

Summary of work in Chinatown for the week ended November 21.

SAN FRANCISCO, Cal., *November 23, 1903.*

WYMAN, *Washington:*

Following is record of work in Chinatown for week ended November 21:

Buildings reinspected.....	175
Rooms	1,348
Persons inspected	1,627
Sick	31
Sick prescribed for at Oriental Dispensary.....	19
Dead examined	9
Necropsies	3
Rats examined bacteriologically.....	26
Number showing pest infection.....	0
Places limed and disinfected	877
Times streets swept.....	2
Sewers flushed	16

Notices served to abate plumbing nuisances.....	10
Plumbing nuisances abated.....	7
Undergoing abatement.....	18
Total number of plumbing inspections.....	119

BLUE.

Transactions on account of yellow fever at Laredo and San Antonio.

AUSTIN.

AUSTIN, TEX., *November 21, 1903.*WYMAN, *Washington:*

On account of Richardson familiar with conditions in San Antonio, I would like to see him remain there for present if does not interfere with your plans.

GEO. R. TABOR,
State Health Officer.

HOUSTON.

HOUSTON, TEX., *November 21, 1903.*WYMAN, *Washington:*

State and local quarantines against San Antonio raised. Detention camps around Houston discontinued. No restrictions upon traffic from there.

EBERSOLE.

LAREDO.

LAREDO, TEX., *November 18, 1903.*WYMAN, *Washington:*

New cases, 10; old cases, 6; total reported to-day, 16; deaths, 2; 63 houses disinfected with 161 rooms; 420 containers, 160 excavations, 14 tanks, 7 wells, and 77 premises oiled; 146 premises inspected, 31 barrels of crude oil sprinkled on vacant lots and intervening streets, covering 66 city blocks. Maximum temperature 57°, minimum 42°. Cannel reports 1 new case, Minera reports no new cases, 1 death. Nuevo Laredo reports nothing new. Additional officers recommended in telegram of November 11 are not now necessary. Tabor sent for additional physicians who arrived here last Saturday. The volunteer inspection service is still in active operation and giving good results. The favorable change in the weather and the work being done make me hope the epidemic may soon be controlled.

GUITERAS.

LAREDO, TEX., *November 19, 1903.*WYMAN, *Washington:*

New cases, 17; old cases, 2; total reported to-day, 19; deaths, 2; 98 houses disinfected, with 276 rooms; 538 containers, 9 premises, 85 excavations, 6 tanks, and 13 wells oiled; 156 premises inspected; 3 faucets put in barrels; 12,000 square feet of standing water oiled; 25 barrels crude oil sprinkled on vacant lots and intervening streets covering 73 city blocks. Maximum temperature, 52°; minimum, 33°. Cannel, Minera, and Nuevo Laredo report nothing new. Considerable opposition encountered in disinfection on account of cool weather.

GUITERAS.

LAREDO, TEX., *November 20, 1903.*WYMAN, *Washington:*

Cases reported to-day, 19, all new; deaths, none; 117 houses disinfected, with 278 rooms; 579 containers, 235 excavations, 16 wells, 7 tanks, and 21 premises oiled; 157 premises inspected; 13 barrels of crude oil sprinkled on vacant lots and intervening streets, covering 60 blocks. Maximum temperature, 56°; minimum, 36°. Cannel reports 1 new case; Nuevo Laredo, 2 cases. Minera reports nothing new. Through trains on Mexican National will resume to-morrow. It is hoped to have the International and Great Northern also resume their trains. Six frontier guards discharged to-day. Six more will be discharged in a day or two. Have retained guards at bridges and principal crossings in the neighborhood of Laredo and Minera. On account of cold weather prevailing I would recommend raising the quarantine against Mexico.

GUITERAS.

LAREDO, TEX., *November 21, 1903.*WYMAN, *Washington:*

Cases developed since last report, 10; deaths, 1; 102 houses disinfected, with 299 rooms; 873 containers, 305 excavations, 20 premises, 17 wells, and 5 tanks oiled; 285 barrels of crude oil sprinkled on vacant lots and intervening streets, covering 74 city blocks. Maximum temperature, 66°; minimum, 56°. Cannel reports 1 new case, and Minera 1. No report from New Laredo. Weather continues favorable, and the decline in the number of cases should continue. Goldberger arrived to-night.

GUITERAS.

LAREDO, TEX., *November 22, 1903.*WYMAN, *Washington:*

I regret to have to report the death of Surgeon Murray at 7.30 this morning.

GUITERAS.

LAREDO, TEX., *November 22, 1903.*WYMAN, *Washington:*

Cases reported to-day, 6; deaths, none; 50 houses disinfected, with 198 rooms; 286 containers, 114 excavations, 31 premises, and 6 wells oiled; 78 premises inspected; 15 barrels of crude oil sprinkled on vacant lots and intervening streets, covering 42 city blocks. Maximum temperature 77°, minimum 52°. New Laredo reports 1 death; no report from Cannel or Minera.

GUITERAS.

LAREDO, TEX., *November 23, 1903.*WYMAN, *Washington:*

Cases developed since last report, 4; deaths, 2; 52 houses disinfected, 237 rooms; 212 containers, 122 excavations, 6 premises, 1 well, and 2 tanks oiled. Fifty-eight premises inspected; 21 barrels of crude oil sprinkled on vacant lots and intervening streets, covering 44 city blocks. Maximum temperature, 82°; minimum, 50°. Minera reports 5 new cases. Cannel reports 1 new case for to-day and 1 for yesterday.

Nuevo Laredo reports nothing new. Through trains from Mexico City to St. Louis, Mo., commenced during yesterday. Do not stop. Monterey customs inspection of baggage will be done at New Laredo as in normal times. Passengers from Saltillo will be required to have certificate of 5 days from any infected focus. From points south of Saltillo, no certificates required. This is a great relief to railroad traffic. Tabor arrived to-night.

GUITERAS.

SAN ANTONIO.

SAN ANTONIO, TEX., *November 19, 1903.*

WYMAN, *Washington:*

No case, no death to-day. Temperature, 31° and 42°.

RICHARDSON.

SAN ANTONIO, TEX., *November 20, 1903.*

WYMAN, *Washington:*

One death and 1 case to-day in city hospital. Temperature, 42° and 52°.

RICHARDSON.

SAN ANTONIO, TEX., *November 21, 1903.*

WYMAN, *Washington:*

One case in city hospital in fifth day of disease; no death to-day. Temperatures 52° and 44°; found live anopheles and culex in suburbs to-day, but have seen no stegomyæ since freeze.

RICHARDSON.

SAN ANTONIO, TEX., *November 22, 1903.*

WYMAN, *Washington:*

One case; no death to-day. Case was in fourth day of disease, and living stegomyæ were found in house. Temperatures 50° and 69°.

RICHARDSON.

SAN ANTONIO, TEX., *November 23, 1903.*

WYMAN, *Washington:*

Five cases, 1 death to-day; cases all over 5 days old. Temperature, 50° and 70°.

RICHARDSON.

Report of inspection at Eagle Pass, Tex.

Acting Assistant Surgeon Hume reports as follows:

	Week ended.		
	Oct. 31.	Nov. 7.	Nov. 14.
Persons inspected	111	133	117
Persons held	3	1	2
Fullman cars fumigated	7	7	7

Statistical reports of States and cities of the United States—Yearly and monthly.

CONNECTICUT.—Reports to the State board of health for the month of October from 168 localities having an aggregate estimated population of 940,785, show a total of 1,123 deaths, including diphtheria 21, enteric fever 29, measles 3, scarlet fever 5, whooping cough 13, and 121 from tuberculosis.

IOWA—Davenport.—Month of October, 1903. Estimated population, 40,000. Total number of deaths 43, including diphtheria 1, and 6 from tuberculosis.

Keokuk.—Month of October, 1903. Estimated population, 16,000. Total number of deaths 12, including enteric fever 1, and 1 from tuberculosis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended November 14, 1903, from 80 observers, indicate that phthisis pulmonalis, pleuritis, scarlet fever, inflammation of bowels, and whooping cough were more prevalent, and inflammation of kidney, measles, and cholera infantum were less prevalent than in the preceding week. Meningitis was reported at 1, whooping cough at 11, measles at 14, smallpox at 27, diphtheria at 44, scarlet fever at 59, enteric fever at 86, and phthisis pulmonalis at 183 places.

MINNESOTA—Minneapolis.—Month of October, 1903. Census population, 202,718. Total number of deaths 170, including diphtheria 6, enteric fever 7, scarlet fever 2, and 23 from tuberculosis.

MISSISSIPPI—Natchez.—Two weeks ended November 7, 1903. Estimated population 15,000. Total number of deaths 12, including 2 from tuberculosis.

NEBRASKA—Omaha.—Month of July, 1903. Census population, 102,555. Total number of deaths 84, including diphtheria, 2, enteric fever, 1, and 8 from tuberculosis.

Month of August, 1903, total number of deaths 80, including 11 from tuberculosis.

NEW HAMPSHIRE—Concord.—Month of September, 1903. Estimated population, 20,000. Total number of deaths, 26. No deaths from contagious diseases. Month of October, 1903. Total number of deaths 31, including diphtheria 1, and 2 from enteric fever.

NEW YORK—Auburn.—Month of October, 1903. Estimated population, 36,778. Total number of deaths 32, including diphtheria 4, enteric fever 1, and 4 from tuberculosis.

TENNESSEE—Chattanooga.—Month of October, 1903. Estimated population, 40,000—white, 27,000; colored, 13,000. Total number of deaths 21—white, 13; colored, 8, including enteric fever 1, and 3 from tuberculosis.

TEXAS—*San Antonio*.—Month of October, 1903. Estimated population, 65,000. Total number of deaths 137, including diphtheria 3, enteric fever 5, yellow fever 4, and 24 from tuberculosis.

UTAH—*Salt Lake City*.—Month of October, 1903. Estimated population, 75,000. Total number of deaths, 50, including enteric fever 6, and 1 from tuberculosis.

WASHINGTON—*Tacoma*.—Month of October, 1903. Estimated population, 60,000. Total number of deaths, 45, including enteric fever 3, and 3 from tuberculosis.

Report of immigration at Baltimore, Md.

OFFICE OF THE COMMISSIONER OF IMMIGRATION,
Baltimore, Md., November 21, 1903.

Number of alien immigrants who arrived at this port during the week ended November 21, 1903; also names of vessels and ports from which they came.

Date of arrival.	Name of vessel.	Where from.	Number of immigrants.
Nov. 16	Condor	Chile	1
20	Breslau	Bremen	1,412
20	Templemore.....	Liverpool.....	1
	Total		1,414

LOUIS T. WEIS, *Commissioner*.

Report of immigration at Boston.

OFFICE OF THE COMMISSIONER OF IMMIGRATION,
Boston, Mass., November 14, 1903.

Number of alien immigrants who arrived at this port during the week ended November 14, 1903; also names of vessels and ports from which they came.

Date of arrival.	Vessel.	Where from.	Number of immigrants.
Nov. 10	Columbian	London, England.....	1
11	Bohemian	Liverpool, England.....	1
14	Ultonia	do	396
	Total		398

GEO. B. BILLINGS, *Commissioner*.

*Report of immigration at New York.*OFFICE OF THE COMMISSIONER OF IMMIGRATION,
New York, November 20, 1903.Number of alien immigrants who arrived at this port during the week ended November 14, 1903;
also names of vessels and ports from which they came.

Date of arrival.	Vessel.	Where from.	Number of immigrants.
Nov. 8	Celtic.....	Liverpool.....	334
8	Deutschland.....	Hamburg.....	282
9	Sicilian Prince.....	Naples.....	1,093
9	La Gascoigne.....	Havre.....	1,068
9	St. Bede.....	Singapore.....	1
10	Vaderland.....	Antwerp.....	1,048
10	Columbia.....	Glasgow.....	362
10	Altai.....	Savanilla.....	6
11	Sardegna.....	Naples.....	1,087
11	Kaiser Wilhelm II.....	Bremen.....	810
11	Oceanic.....	Liverpool.....	328
11	Cataluna.....	Barcelona.....	148
11	Sicilia.....	Smyrna.....	10
12	Hohenzollern.....	Bremen.....	982
12	Main.....	do.....	1,526
12	Pennsylvania.....	Hamburg.....	1,657
13	Furst Bismarck.....	do.....	554
13	Amstersdam.....	Rotterdam.....	306
14	La Savoie.....	Havre.....	705
14	Hekla.....	Copenhagen.....	60
	Total.....		13,367

WM. WILLIAMS, *Commissioner.**Inspection of immigrants.*

MONTHLY.

Place.	Month.	Number of immigrants passed.	Number of immigrants rejected.
Detroit, Mich.....	October.....	20	1
Jolo, P. I.....	August.....	173	
Do.....	September.....	17	
Manila, P. I.....	July.....	194	1
Do.....	August.....	237	
Do.....	September.....	190	
Port Townsend, Wash.....	October.....	88	3

Reports from national quarantine

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
	UNITED STATES:				
1	Alexandria, Va	Nov. 21			
2	Beaufort, N. C.	do			
3	Biscayne Bay, Fla.	Nov. 14			
	Boca Grande, Fla.—				
4	Punta Gorda	Nov. 7			
5	Puntarasa	Nov. 14			
6	Brunswick, Ga	do			
7	Cape Charles, Va	Nov. 21			
8	Cape Fear, N. C.	Nov. 14			
9	Cedar Keys, Fla.	Nov. 21			
10	Columbia River, Oreg.	Nov. 14			
11	Cumberland Sound, Fla.	Nov. 21			
12	Delaware Breakwater, Lewes, Del.	Nov. 14			
13	Dutch Harbor, Alaska	Oct. 6			
14	Eastport, Me	Nov. 19			
15	Eureka, Cal	Nov. 14	Am. bkn. Benicia	Nov. 12	Honolulu
16	Grays Harbor, Wash	do			
17	Gulf quarantine, Ship Island, Miss.	do	Nor. ss. Hiawatha	Nov. 9	Durban
			It. ss. Ortrud	do	Marseille
			Am. sch. Gertrude A. Bart- lett.	Nov. 10	Progreso
			Am. sch. Alverda S. Elzey.	Nov. 12	Tampico
18	Key West, Fla.	do			
19	Los Angeles, Cal	do			
20	Newbern, N. C.	Nov. 14			
		Nov. 21			
21	Nome, Alaska	Nov. 7			
22	Pascagoula, Miss.	Nov. 14			
23	Port Angeles, Wash	Nov. 7			
24	Portland, Me	Nov. 14			
25	Port Townsend, Wash.	do	Br. ss. Aristomene ^a	Oct. 26	Yokohama
26	Reedy Island, Del.	do			
	St. George Sound, Fla.:				
27	East Pass.	do			
28	West Pass.	do			
29	St. Johns River, Fla.	do			
30	San Diego, Cal	do			
31	San Francisco, Cal.	do			
32	San Pedro, Cal	do			
33	Santa Barbara, Cal	do			
34	Santa Rosa, Fla.	Nov. 17	It. bk. Marie ^a	Oct. 28	Rio de Janeiro
			Nor. bk. Sirango ^a	Oct. 31	Nolloth
			Nor. bk. Kentigern ^a	do	Lourenço Marquez
			Nor. bk. Blackadder ^a	Nov. 6	East London
			It. bk. Nanan	Nov. 7	Lourenço Mar- quez
			It. bk. Minerva	Nov. 14	Marseille
			It. bk. Amore	Nov. 16	Barbadoes
			It. ss. Honolulu	Nov. 14	Sharpness
			Br. ss. August Belmont	Nov. 16	Tampico

^a Previously reported.

and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions	
2				No report	
3					3
4				No transactions	
5				No report	
6					4
7					6
8					1
9				No report	
10				No report	1
11				No report	
12					2
13				No report	
14					18
15	Eureka	Held to discharge ballast			
16					1
17	Ship Island	Disinfected for rats	Nov. 10	1 vessel spoken and passed.	3
	do	do	Nov. 11		
	do	Disinfected	do		
	Mobile	Disinfected and held			5
18				No report	
19				No transactions	
20				do	
21				No report	
22					5
23				No report	
24					2
25	Tacoma	Fumigated to kill rats. Crew bathed; dunnage disinfected.	Nov. 10	Glandular examination of fore-castle crew of Br. ss. Calchas, from London.	7
26				2 vessels spoken and passed.	16
27				No report	
28				No transactions	
29					2
30					2
31				2 vessels boarded and passed. Glandular regions of fore-castle crew and steerage passengers examined and temperatures taken of all from Honolulu on Am. ss. Korea from Hongkong. Temperatures taken of all from Honolulu on Am. ss. Sonoma from Sydney. Temperatures taken of all on board Am. bkn. W. H. Diamond from Honolulu, and Am. ss. Colon from Panama. 2 cases malaria on Am. ss. Colon.	14
32				No report	
33				do	
34	Pensacola	Ballast discharged. Vessel disinfected.	Nov. 18		
	do	Ballast discharged. Fumigated to kill rats.	Nov. 12		
	do	do	do		
	do	do	Nov. 19		
	do	Held to discharge ballast and for fumigation.			
	do	Held for disinfection			
	do	Disinfected and held to complete 5 days.			
	do	Discharging ballast			
	do				

Reports from national quarantine

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
35	UNITED STATES—Continued. Savannah, Ga.....	Nov. 14	Nor. bk. Crown ^a	Nov. 1	Bahia.....
			It. bk. Margherita.....	Nov. 11	Pisagua.....
			Nor. bk. Bonheur.....	Nov. 12	Cape Town.....
36	Sitka, Alaska.....	Nov. 7	Nor. bk. Dione.....	Nov. 13	East London.....
			South Atlantic quarantine, Blackbeard Island, Ga.	Nov. 14	
37	Southbend, Wash.....	do			
38	Tampa Bay, Fla.....	do	Br. sp. Dymomene (a).....	Nov. 2	Cape Town.....
39					
40	Washington, N. C.....	do			
HAWAII:					
41	Hilo.....	Oct. 31			
42	Honolulu.....	Nov. 7			
43	Kahului.....	Nov. 7			
44	Kihel.....	Oct. 31			
45	Koloa.....	Nov. 7			
46	Lahaina.....	do			
PHILIPPINE ISLANDS:					
47	Cebu.....	Sept. 26			
			Oct. 3	Am. ss. Fanny.....	Oct. 1	Sibonga.....
48	Iloilo.....	do	Am. sch. Marietta.....	do	Jiminez.....
			Am. ss. Pioneer.....	do	do.....
			Am. ss. San Bernardino.....	Oct. 2	Mambajao.....
			Am. ss. Bohol.....	Oct. 3	Ormoc.....
			Am. ss. Hermanos.....	do	Cagayan.....
49	Jolo.....	Oct. 10			
50	Manila ^b	Oct. 3	Am. ss. Union ^a	Sept. 22	San Fernando.....
			Am. ss. San Francisco.....	Sept. 27	Cebu.....
			Am. ss. Powerful.....	Sept. 28	do.....
			Am. ss. Lacson.....	do	Dagupan.....
			U. S. A. T. Wright.....	Sept. 29	Yligan.....
			Am. ss. N. S. del Rosario.....	do	Malitboe.....
			Br. ss. Satsuma.....	do	Yokohama.....
			Am. sch. Prince Albert.....	Sept. 30	Hongkong.....
			U. S. C. T. Isla de Negros.....	do	Calapan.....
			U. S. C. T. Barongan.....	do	Antimonan.....
			U. S. A. T. Liscum.....	do	Jolo.....
			Am. ss. Union ^a	Sept. 22	San Fernando.....
51	PORTO RICO:	Nov. 14	Am. ss. Francisco Reyes.....	Oct. 5	Cebu.....
			Br. ss. Kaifong.....	do	Hongkong and Amoy.....
			U. S. A. T. Ingalls.....	Oct. 8	Yligan.....
52	Fonce.....	do	U. S. A. T. Omaha.....	Oct. 10	Manila.....
53	San Juan.....	do			
Subports—					
54	Aguadilla.....	do			
55	Arecibo.....	do			
56	Arroyo.....	do			
57	Fajardo.....	do			
58	Humacao.....	do			
	Mayaguez.....	do			

^a Previously reported.

^b In Public Health Reports No. 36, Sept. 4, 1903, page 1475, with reference to the treatment of the army transport Logan at Manila, an error occurred as to the number of persons vaccinated. It should have stated that the entire number of persons on board (1,806) were vaccinated and that 34 convalescents were removed from the ship.

and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
35	Tybee, for orders.	Held for fumigation and discharge of ballast.	Nov. 11		7
	Savannah	Deck houses fumigated to kill rats.			
	Tybee, for orders.	Held for fumigation and discharge of ballast.			
	do	do			
36					3
37				No transactions	
38				do	
39	Port Tampa	500 tons of ballast discharged	Nov. 11	Remainder of ballast to be discharged under water at Port Tampa.	3
40				No transactions	
41				do	
42				U. S. A. T. Logan and Thomas passed on surgeon's certificate.	6
43				No transactions	
44				No report	
45				No transactions	
46				do	
47				44 bancas inspected and passed.	33
	Cebu	Fumigated to kill vermin.	Oct. 1	37 bancas inspected and passed.	28
	do	do	do		
	do	do	do		
	do	Fumigated to kill rats.	Oct. 2		
	do	do	Oct. 3		
	do	do	do		
48					54
					66
49				No report	
50	Manila	Held in quarantine		Crews of 29 vessels vaccinated.	58
	do	Fumigated to kill vermin.	Sept. 28		
	do	do	do		
	do	do	Sept. 29		
	do	Tanks disinfected; vessel fumigated.	do		
	do	Fumigated to kill rats.	do		
	New York	Fumigated to kill vermin.			
	Manila	do			
	do	do	Sept. 30		
	do	do	do		
	do	Tanks disinfected	do		
	do	Released from quarantine.	Oct. 8	Crews of 17 vessels vaccinated.	63
	do	Disinfected and held 5 days.	Oct. 10	1 death from cholera at sea. Crew and passengers bathed and their effects disinfected. Personnel segregated in barracks.	
	do	Disinfected.	Oct. 5	Crew and steerage passengers bathed and their baggage disinfected.	
	do	Held for disinfection of personnel and steerage baggage. Decks and tanks disinfected.	Oct. 8	Carried troops for the U. S. A. T. Thomas for San Francisco.	
	Mariveles	Held for disinfection of steerage passengers and their baggage.	Oct. 10	Carried troops for U. S. A. T. Logan.	
51				No report	
52				do	
53				do	
54				do	
55				do	
56				do	
57				do	
58				do	

Reports from State and

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md	Nov. 21	.....	.....	.....
2	Bangor, Me	do	.....	.....	.....
3	Boston, Mass	do	.....	.....	.....
4	Charleston, S. C	Nov. 14	.....	.....	.....
5	Elizabeth River, Va	Nov. 21	.....	.....	.....
6	Galveston, Tex	Nov. 14	Br. ss. Pontiac	Nov. 8	Glasgow
			Br. ss. Hyacinthus	Nov. 11	Liverpool
			Br. ss. Yucatan	do	Habana
			Br. ss. Prah	do	Kingston
			Sroda	Nov. 12	Liverpool
			Br. ss. Custodian	Nov. 13	do
7	Gardiner, Oreg	do	.....	.....	.....
8	Marcushook, Pa	Nov. 21	.....	.....	.....
9	Mobile Bay, Ala	Oct. 31	Nor. ss. Dagbjorg	Oct. 25	Tampico and Progreso.
			Nor. ss. Alm	Oct. 30	Progreso
			It. bk. Scillen	do	Marseille
		Nov. 7	.....	.....	.....
		Nov. 14	Nor. ss. Mercator	Nov. 10	Tampico, via Habana.
			Bk. Lyngard	do	Port Natal, via Barbados.
10	New Bedford, Mass	Sept. 12	.....	.....	.....
11	New Orleans, La	Nov. 14	Nor. ss. Malin	Nov. 8	Mexican ports.
			Br. ss. Nicaraguan	Nov. 10	do
			Nor. ss. Hugin	do	do
			Br. ss. Chancellor	Nov. 11	do
			Br. ss. Capella	Nov. 14	do
12	Newport News, Va	do	.....	.....	.....
13	Newport, R. I.	do	.....	.....	.....
14	New York, N. Y.	do	.....	.....	.....
15	Pass Cavallo, Tex	do	.....	.....	.....
16	Port Royal, S. C.	do	.....	.....	.....
17	Providence, R. I.	Nov. 21	.....	.....	.....
18	Quintana, Tex	do	.....	.....	.....
19	Sabine Pass, Tex	do	.....	.....	.....
20	St. Helena Entrance, S. C.	Nov. 16	.....	.....	.....

municipal quarantine stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No report	
2				do	
3				do	
4					2
5				No report	
6	Galveston	Disinfected	Nov. 8		31
	do	do	Nov. 11		
	do	do	Nov. 12		
	do	do	Nov. 11		
	do	do	Nov. 12		
	do	do	Nov. 13		
7				No report	
8				do	
9	Mobile	Disinfected and held	Oct. 30		14
	do	do	Nov. 1		
	do	Disinfected	Oct. 31		
	do	do	Nov. 10		17
	do	do			15
10					1
11	New Orleans	Disinfected	Nov. 8		
	do	do	Nov. 10		
	do	do	do		
	do	do	Nov. 11		
	do	do	Nov. 14		
12				No report	
13				do	
14				do	
15				do	
16				do	
17				do	
18				do	
19				do	
20					1

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27, 1903, to November 27, 1903.

For reports received from December 27, 1902, to June 26, 1903, see PUBLIC HEALTH REPORTS for June 26, 1903.

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile.....	June 20-Nov. 7	40		
Total for State.....		40		
Total for State, same period, 1902.		1		
California:				
Fresno.....	June 1-June 30	7		
Los Angeles.....	July 12-Nov. 7	37		
Oakland.....	Aug. 1-Oct. 31	10		
Sacramento.....	Aug. 2-Aug. 23	3		
San Francisco.....	June 14-Oct. 25	28		
Total for State.....		85		
Total for State, same period, 1902.		163		
Colorado:				
Adams County.....	Apr. 1-May 31	14		
Archuleta County.....	do	1		
Boulder County.....	Apr. 1-Oct. 30	86		
Chaffee County.....	Apr. 1-Sept. 30	33		
Cheyenne County.....	June 1-June 30	3		
Clear Creek County.....	Apr. 1-June 30	12		
Delta County.....	June 1-July 31	2		
Denver County (Denver included).	Apr. 1-Oct. 17	266		
El Paso County.....	Apr. 1-Oct. 30	19		
Fremont County.....	Apr. 1-Sept. 30	41		
Garfield County.....	Apr. 1-July 31	2		
Gilpin County.....	do	15		
Jefferson County.....	Apr. 1-Sept. 30	57		
Kit Carson County.....	Apr. 1-Oct. 30	16		
Lake County.....	June 1-Sept. 30	19		
Larimer County.....	Apr. 1-Aug. 31	35		
Las Animas County.....	Apr. 1-May 31	2		
Lincoln County.....	Apr. 1-Oct. 30	8		
Logan County.....	Apr. 1-May 31	1		
Mesa County.....	July 1-Sept. 30	12		
Morgan County.....	Apr. 1-May 31	1		
Otero County.....	do	14		
Ouray County.....	July 1-July 31	2		
Park County.....	June 1-June 30	1		
Pueblo County.....	Apr. 1-July 31	10		
Routt County.....	Apr. 1-June 30	82		
San Miguel County.....	July 1-Aug. 31	18		
Summit County.....	Apr. 1-July 31	3		
Teller County.....	Apr. 1-Aug. 31	12		
Washington County.....	Apr. 1-July 31	20		
Weld County.....	Apr. 1-Sept. 30	113		
Yuma County.....	Apr. 1-July 31	25		
Total for State.....		945		
Total for State, same period, 1902.		184		
Florida:				
Alachua County, Gainesville.....	June 13-Oct. 31	1		
Baker County, Sanderson.....	do	2		
Duval County, Jacksonville.....	do	6		
Escambia County, Pensacola.....	do	15		
Holmes County, Ponce de Leon.....	do	12		
Leon County, Tallahassee and Crestview.....	do	19		
Levy County, Ottercreek.....	do	3		
Polk County, Kathleen.....	do	1		
De Soto County, Punta Gorda.....	do	3		
Total for State.....		62		
Total for State, same period, 1902.		32		
Georgia:				
Atlanta.....	June 25-July 8	3		
Total for State.....		3		
Total for State, same period, 1902.		6	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois:				
Belleville	June 13-Nov. 7	56	4	
Chicago	June 28-Nov. 7	89	5	
Danville	July 11-Oct. 17	6		
Total for State		151	9	
Total for State, same period, 1902.		147	2	
Indiana:				
Adams County	June 1-June 30	1		
Allen County	June 1-Oct. 31	9		
Benton County	May 1-June 30	3		
Blackford County	June 1-June 30	1		
Boone County	May 1-Oct. 31	8	1	
Brown County	May 1-June 30	18		
Carroll County	May 1-Oct. 31	3		
Cass County	May 1-June 30	44		
Clark County	do	9		
Clay County	May 1-Oct. 31	85		
Clinton County	Oct. 1-Oct. 31	1		
Crawford County	May 1-Oct. 31	12	2	
Davies County	do	39	2	
Dearborn County	June 1-June 30	1		
Decatur County	May 1-June 30	21		
DeKalb County	May 1-May 31	3		
Delaware County	May 1-June 30	28		
Dubois County	Oct. 1-Oct. 31	21		
Fayette County	June 1-June 30	2		
Floyd County	May 1-Oct. 31	8		
Fountain County	May 1-May 31	17		
Fulton County	May 1-Oct. 31	15		
Gibson County	do	12		
Grant County	do	42		
Greene County	May 1-May 31	7	1	
Hamilton County	Oct. 1-Oct. 31	1		
Harrison County	June 1-June 30	5		
Hendricks County	May 1-June 30	11		
Howard County (Kokomo included)	May 1-July 11	15		
Huntington County	May 1-May 31	1		
Jackson County	do	1		
Jasper County	do	30	1	
Jennings County	do	1		
Johnson County	do	5		
Knox County	May 1-June 30	13		
Lake County	June 1-June 30	10		
Laporte County	May 1-Oct. 31	33		
Lawrence County	May 1-June 30	19		
Madison County (Elwood included)	May 1-Oct. 31	49		
Marion County (Indianapolis included)	do	33	4	
Marshall County	Oct. 1-Oct. 31	6		
Martin County	May 1-Oct. 31	23		
Miami County	May 1-June 30	14		
Monroe County	do	26		
Montgomery County	May 1-May 31	1		
Morgan County	May 1-June 30	2		
Newton County	May 1-May 31	3		
Noble County	May 1-June 30	2		
Orange County	May 1-Oct. 31	32		
Owen County	May 1-May 31	4		
Parke County	May 1-Oct. 31	14		
Perry County	do	3		
Posey County	May 1-May 31	1		
Pulaski County	May 1-June 30	5		
Putnam County	Oct. 1-Oct. 31	8		
Ripley County	June 1-June 30	1		
St. Joseph County (South Bend included)	July 19-Sept. 12	3		
Scott County	May 1-June 30	5		
Shelby County	Oct. 1-Oct. 31	4		
Spencer County	May 1-May 31	4		
Starke County	June 1-June 30	6		
Sullivan County	May 1-Oct. 31	16		
Tippecanoe County	do	72		
Tipton County	June 1-June 30	6		
Vanderburg County	May 1-Oct. 31	10		
Vermillion County	May 1-June 30	47		
Vigo County	May 1-Oct. 31	140	1	
Warren County	do	10		
Warrick County	do	36		

One case from Pittsburg.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued:				
Wayne County.....	May 1-June 30	2		
Wells County.....	June 1-June 30	4		
White County.....	do	4		
Whitley County.....	May 1-Oct. 31	13		
Places not mentioned.....	June 1-June 30		4	
Total for State		1,164	16	
Total for State, same period, 1902.		565	36	
Iowa:				
Cedar County (Webster city) ..	Aug. 1-Aug. 31	10		
Dubuque County (Cascade).....	do	5		
Harrison County (Cass Township).....	Sept. 1-Sept. 30			Reported.
Marion County (Perry Township).....	Aug. 1-Aug. 31	1		
Jasper County (Des Moines Township and Vandalia).....	do	9		
Polk County (Des Moines).....	June 1-July 4	56		
Wapello County (Ottumwa).....	July 1-Aug. 31	2		
Total for State		83		
Total for State, same period, 1902.		57		
Kentucky:				
Louisville.....	Oct. 1-Nov. 10	27	2	
Total for State		27	2	
Total for State, same period, 1902.		111		
Louisiana:				
Baton Rouge.....	Oct. 25-Nov. 7	2		
New Orleans.....	June 1-Nov. 7	28	1	Four cases imported.
Total for State		30	1	
Total for State, same period, 1902.		6		
Maine:				
Aroostook County (including Grand Isle, Fort Kent, Madawaska Township, and Van Buren).....	July 4-Oct. 30	59		
Bangor.....	To Nov. 10	117		
Beaver.....	Aug. 28	1		Imported.
Belfast.....	Sept. 19	1		
Brewer.....	Sept. 17-Nov. 4	45		
Camden.....	Oct. 29			Present.
Oldtown.....	Sept. 26-Nov. 5	23		
Orono.....	Oct. 29			Present.
Total for State		246		
Total for State, same period, 1902.		24		
Maryland:				
Baltimore.....	June 28-Oct. 17	3	1	
Cumberland.....	May 1-Oct. 31	48	7	
Total for State		51	8	
Total for State, same period, 1902.		5	1	
Massachusetts:				
Boston.....	Oct. 25-Oct. 31	1		
Cambridge.....	Sept. 27-Oct. 3	3		
Fall River.....	June 20-Sept. 26	67	2	
Haverhill.....	Nov. 1-Nov. 7	1		
Lawrence.....	Nov. 8-Nov. 14	1		
New Bedford.....	July 1-Oct. 24	4		
Taunton.....	June 20-Oct. 3	9		
Vineyard Haven.....	Sept. 21	1		On sch. Urozimbo, from Calais, Me.
Total for State		85	2	
Total for State, same period, 1902.		434	73	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan				Was present in 21 counties at 27 places during week ended Nov. 14, 1903.
Detroit	June 16—Nov. 7	46	2	
Flint	June 13—July 4	3		
Grand Rapids	June 13—Aug. 22	28		
Marquette	Aug. 23—Aug. 29	1		
Port Huron	June 13—Oct. 3	52		
Iosco County (Sherman Township).	Sept. 1—Sept. 30		1	
Marquette County (Wells Township).	Aug. 1—Aug. 31		1	
Total for State		130	4	
Total for State, same period, 1902.		172	2	
Minnesota:				
Aitkin County	Nov. 2—Nov. 9	1		
Benton County	June 15—July 13	7		
Brown County	Aug. 3—Aug. 24	9		
Carver County	June 15—July 13	4		
Cass County	June 30—July 6	1		
Clay County	July 1—July 27	1	1	
Columbia County	July 6—July 13	3		
Crow Wing County	June 15—Nov. 2	35		
Douglas County	July 6—Aug. 24	6		
Fillmore County	Sept. 7—Sept. 14	6		
Freeborn County	July 21—July 27	2		
Goodhue County	Oct. 20—Oct. 26	1		
Grant County	June 15—July 20	6	1	
Hennepin County	June 15—Nov. 9	10	1	
Houston County	June 30—July 6	1		
Hubbard County	July 21—July 27	1		
Isanti County	June 15—Sept. 14	12		
Jackson County	June 15—July 13	14		
Kandiyohi County	June 15—Nov. 9	9		
Lac qui Parle County	June 22—June 29	2		
Lincoln County	July 13—Aug. 3	3		
McLeod County	June 22—Aug. 10	4		
Meeker County	June 15—Aug. 3	6		
Morrison County	June 15—Nov. 9	13		
Nobles County	June 15—Aug. 3	3		
Norman County	June 22—June 29	7		
Ottertail County	Oct. 20—Oct. 26	4		
Pine County	June 15—Aug. 3	3		
Pipestone County	June 30—July 6	1		
Polk County	Aug. 24—Nov. 2	2		
Ramsey County	June 15—Sept. 28	24	1	
Redwood County	Oct. 13—Oct. 19	2		
Renville County	June 30—Nov. 2	30		
St. Louis County	June 22—Nov. 9	8		
Scott County	July 6—July 13	1		
Sherburne County	June 15—June 22	1		
Sibley County	June 30—July 6	9		
Stearns County	June 15—Nov. 9	140	1	
Steele County	July 6—July 13	1		
Stevens County	Sept. 14—Oct. 26	8		
Swift County	July 6—Aug. 10	13		
Todd County	July 13—Oct. 12	10		
Waseca County	July 21—Aug. 31	3		
Wilkin County	Aug. 18—Oct. 26	2		
Winona County	July 6—July 13	2		
Wright County	July 6—Oct. 26	7	2	
Yellow Medicine County	June 15—Aug. 31	10		
Kandiyohi County, not previously reported.		21		
Pine County, not previously reported.		9		
Stearns County, not previously reported.		40		
Todd County, not previously reported.		8		
Waseca County, not previously reported.		5		
Other parts of the State not previously reported.			1	
Total for State		531	8	
Total for State, same period, 1902.		1,216	6	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Mississippi:				
Moss Point.....	Aug. 28.....	2		
Natchez.....	July 4–Nov. 7	12		
Total for State.....		14		
Total for State, same period, 1902.....				
Missouri:				
St. Louis.....	June 16–Oct. 31	37		
Total for State.....		37		
Total for State, same period, 1902.....		332	3	
Montana:				
Helena.....	June 1–June 30	1		
Total for State.....		1		
Total for State, same period, 1902.....		20		
Nebraska:				
Omaha.....	Aug. 2–Aug. 31	3		
South Omaha.....	June 1–July 1	6		
Total for State.....		9		
Total for State, same period, 1902.....		93		
New Hampshire:				
Manchester.....	June 13–Nov. 14	41		
Nashua.....	June 13–June 20	1		
Total for State.....		42		
Total for State, same period, 1902.....		192	1	
New Jersey:				
Bordentown.....	June 6–June 27	24	5	
Camden.....	July 5–Nov. 21	14	2	
Hoboken.....	Aug. 17–Aug. 23	1		
Jersey City.....	Oct. 19–Oct. 25	1		
Trenton.....	June 20–June 27	1		
Total for State.....		41	7	
Total for State, same period, 1902.....		274	58	
New York:				
Buffalo.....	Nov. 9.....	1		
Elmira.....	June 13–June 20	2		
New York.....	July 4–Nov. 7	11		
Niagara Falls.....	Sept. 6–Oct. 10	7		
Rochester.....	July 15–July 21	1		
Total for State.....		22		
Total for State, same period, 1902.....		223	55	
North Carolina:				
Alamance County.....	Aug. 1–Aug. 31	3		
Ashe County.....	July 1–July 31	1		
Bertie County.....	July 1–Aug. 31	4		
Buncombe County.....	May 1–July 31	30		
Burke County.....	May 1–Aug. 31	11		
Cabarrus County.....	Aug. 1–Aug. 31	1		
Catawba County.....	July 1–Aug. 31	3		
Chatham County.....	May 1–May 31	1		
Cleveland County.....	May 1–Aug. 31	10		
Columbus County.....	Aug. 1–Aug. 31	1		
Davie County.....	May 1–May 31	2		
Durham County.....	May 1–Aug. 31	29		
Forsyth County.....	May 1–May 31	25		
Gaston County.....	July 1–Aug. 31	6		
Graham County.....	May 1–May 31	2		
Guilford County.....	.....do	45		
Henderson County.....	.....do	2		
Iredell County.....	Aug. 1–Aug. 31	5		
McDowell County.....	May 1–May 31	2		
Madison County.....	Aug. 1–Aug. 31	20		
Mecklenburg County.....	May 1–May 31	2		
Moore County.....	.....do	1		
New Hanover County.....	May 1–July 31	2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Pender County	July 1-July 31	1	.....
Polk County	July 1-Aug. 31	2	.....
Randolph County	July 1-July 31	1	.....
Rockingham County	July 1-Aug. 31	4	.....
Rutherford County	May 1-July 31	7	.....
Stanly County	July 1-July 31	4	.....
Surry County	May 1-Aug. 31	31	.....
Wake County .....	.....do	27	.....
Warren County	May 1-May 31	3	.....
Wilkes County .....	.....do	2	.....
Wilson County	May 1-July 31	3	.....
Yadkin County	July 1-July 31	26	.....
Total for State		319	.....
Total for State, same period, 1902.		745	5	
North Dakota:				
Benson County	July 1-Aug. 31	1	.....
Billings County .....	.....do	1	.....
Bottineau County .....	.....do	1	.....
Cavalier County	May 1-Aug. 31	14	.....
Grand Forks County	July 1-July 31	2	.....
Griggs County	May 1-Aug. 31	4	.....
Morton County .....	.....do	^a 65	.....
Nelson County	July 1-Aug. 31	3	.....
Ramsey County .....	.....do	2	.....
Richland County .....	.....do	4	.....
Sargent County .....	.....do	2	.....
Stark County	May 1-July 31	6	.....
Trail County .....	.....do	3	.....
Walsh County	July 1-Aug. 31	4	.....
Total for State		112	.....
Total for State, same period 1902.		121	1	
Ohio:				
Allen County	May 10-Aug. 8	9	.....
Ashtabula County .....	.....do	3	.....
Auglaize County .....	.....do	25	.....
Belmont County .....	.....do	32	1	
Brown County .....	.....do	8	.....
Butler County (Hamilton in- cluded) .....	.....do	18	2	
Champaign County .....	.....do	6	.....
Clark County .....	.....do	6	.....
Clermont County .....	.....do	1	.....
Columbiana County (East Liv- erpool included) .....	.....do	18	.....
Crawford County .....	.....do	2	.....
Cuyahoga County (Cleveland included)	May 10-Nov. 7	17	1	
Defiance County	May 10-Aug. 8	6	.....
Delaware County .....	.....do	25	.....
Erle County .....	.....do	18	6	
Fairfield County .....	.....do	1	1	
Fayette County .....	.....do	1	.....
Franklin County (Columbus included) .....	.....do	27	3	
Gallia County .....	.....do	15	.....
Geauga County .....	.....do	1	.....
Greene County .....	.....do	10	.....
Guernsey County .....	.....do	2	.....
Hamilton County (Cincinnati included)	May 10-Nov. 13	124	4	
Hancock County	May 10-Aug. 8	18	.....
Harrison County .....	.....do	1	.....
Henry County .....	.....do	43	.....
Jackson County .....	.....do	7	.....
Jefferson County .....	.....do	18	.....
Lawrence County .....	.....do	101	11	
Logan County .....	.....do	4	.....
Lorain County (Lorain in- cluded)	May 10-Oct. 3	6	.....
Lucas County (Toledo in- cluded)	May 10-Sept. 5	49	2	
Mahoning County (Youngs- town included)	May 10-Nov. 14	21	.....
Marion County .....	.....do	1	.....
Meigs County .....	.....do	2	.....
Miami County .....	.....do	12	2	

^a About.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Monroe County.....	May 10–Nov. 14	2		
Montgomery County (Dayton included).....	May 10–Oct. 31	72	1	
Morrow County.....	May 10–Aug. 8	1		
Muskingum County (Zanesville included).....	do.....	49		
Paulding County.....	do.....	1		
Pickaway County.....	do.....	1		
Preble County.....	do.....	7		
Ross County.....	do.....	30		
Scioto County.....	do.....	9		
Seneca County.....	do.....	3		
Stark County.....	do.....	34		
Summit County.....	do.....	12		
Trumbull County (Warren included).....	May 10–Nov. 2	6		
Tuscarawas County.....	do.....	29		
Van Wert County.....	do.....	9		
Warren County.....	do.....	6		
Washington County.....	do.....	30	3	
Wyandot County.....	do.....	13		
Total for State.....		972	37	
Total for State, same period, 1902.....		2, 625	248	
Pennsylvania:				
Allegheny County (Allegheny, Pittsburg, and McKeesport included).....	June 13–Nov. 14	980	180	Five cases imported.
Armstrong County.....	June 1–Aug. 31	6		
Beaver County.....	June 1–Sept. 30	20		
Blair County (Altoona included).....	May 1–Nov. 21	17	2	One case imported.
Butler County (Butler included).....	May 1–Sept. 30	31		
Cambria County (Johnstown included).....	May 1–Nov. 7	79	7	
Cameron County.....	May 1–May 31	5		
Carbon County.....	June 1–June 30	5		
Center County.....	May 1–May 31	27		
Clarion County.....	do.....	2		
Clearfield County.....	May 1–Sept. 30	167		
Clinton County.....	July 1–July 31	1		
Columbia County.....	Aug. 1–Sept. 30	5		
Crawford County.....	May 1–July 31	11		
Delaware County.....	May 1–Sept. 30	28		
Elk County.....	May 1–May 31	3		
Erie County (Erie and Franklin included).....	May 1–Nov. 14	7		
Fayette County.....	May 1–Sept. 30	57	1	
Forest County.....	May 1–Aug. 31	7		
Indiana County.....	May 1–July 31	14		
Jefferson County.....	July 1–July 31	11		
Lackawanna County (Scranton, Carbondale, and Dunmore included).....	June 7–Sept. 30	69	1	
Lancaster County.....	Aug. 1–Aug. 31	1	1	
Luzerne County.....	May 1–May 31	1		
Lycoming County.....	May 1–July 31	25		
McKean County.....	June 1–June 30	1		
Mercer County.....	May 1–Sept. 30	9		
Montgomery County (Norristown included).....	May 1–Aug. 31	15	1	
Northampton County.....	May 1–May 31	19	2	
Perry County.....	May 1–Aug. 31	40	2	
Philadelphia County.....	June 20–Nov. 21	184	106	
Pike County.....	June 1–June 30	2		
Potter County.....	June 1–July 31	24		
Schuylkill County.....	May 1–July 31	28		
Sullivan County.....	Aug. 1–Aug. 31	10		
Susquehanna County.....	June 1–July 31	128		
Tioga County.....	May 1–June 30	8		
Venango County.....	June 1–July 31	2		
Warren County.....	May 1–May 31	2		
Washington County.....	May 1–Sept. 30	18	6	
Wayne County.....	June 1–July 31	8		
Westmoreland County.....	May 1–Sept. 30	19	1	
Wyoming County.....	Aug. 1–Aug. 31	3		
Total for State.....		2, 399	310	
Total for State, same period, 1902.....		1, 465	141	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Rhode Island:				
Providence	Nov. 1-Nov. 7	1		
Total for State		1		
Total for State, same period, 1902.		13		
South Carolina:				
Charleston	June 20-Nov. 14	30	3	
Greenville	June 20-Sept. 19	5		
Total for State		35	3	
Total for State, same period, 1902.		125	1	
Tennessee:				
Anderson County	Mar. 15-Sept. 15	24		
Blount County	do	4		
Bradley County	do	7		
Campbell County	do	69	2	
Carroll County	do	8		
Carter County	do	30		
Cheatham County	do	1		
Chester County	do	2		
Claiborne County	do	50	2	
Coke County	do	6		
Coffee County	do	5	1	
Crockett County	do	7		
Cumberland County	do	1		
Davidson County (Nashville included)	do	33		
Franklin County	do	13		
Gibson County	do	4		
Giles County	do	10		
Hamblen County	do	31		
Hamilton County (Chatta- nooga included)	do	783	23	
Hancock County	do	12		
Hardeman County	do	11		
Hardin County	do	1		
Hawkins County	do	16		
Haywood County	do	17	2	
Henderson County	do	9		
Henry County	do	40		
Houston County	do	3		
Humphreys County	do	12		
Jackson County	do	15		
James County	do	13		
Jefferson County	do	79		
Knox County (Knoxville)	do	186	2	
McMinn County	do	3		
Madison County	do	14		
Marion County	do	33	1	
Marshall County	do	1		
Maury County	do	1		
Monroe County	do	1		
Montgomery County	do	1		
Morgan County	do	10		
Obion County	do	45		
Rhea County	do	25	2	
Roane County	do	36	1	
Robertson County	do	10		
Rutherford County	do	4		
Scott County	do	15		
Shelby County (Memphis in- cluded)	Mar. 15-Nov. 14	62		
Smith County	Mar. 15-Sept. 15	13		
Stewart County	do	6		
Sullivan County	do	2		
Sumner County	do	5		
Union County	do	20		
Warren County	do	28		
White County	do	4		
Williamson County	do	1		
Total for State		1,842	36	
Total for State, same period, 1902.		2,228	67	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas:				
San Antonio.....	July 1-Oct. 31	73	1	
Total for State		73	1	
Total for State, same period, 1902.		1		
Utah:				
Ogden	Aug. 1-Aug. 31	1		
Salt Lake City.....	June 6-Nov. 14	50		Two cases imported.
Total for State.....		51		
Total for State, same period, 1902.		52	1	
Virginia:				
Lynchburg.....	Aug. 1-Aug. 31		1	
Pocahontas.....	Aug. 29	1		
Total for State.....		1	1	
Total for State, same period, 1902.		5	1	
Washington:				
Adams County	Aug. 1-Aug. 31	1		
Clark County.....	June 1-July 31	51		
Columbia County	do	8		
Cowlitz County.....	July 1-Aug. 31	18		
Douglas County.....	June 1-Sept. 30	5		
Island County.....	Aug. 1-Sept. 30	14		
King County (Seattle included)	June 1-Sept. 30	30	3	
Kitsap County.....	June 1-June 30	1		
Lewis County.....	Sept. 1-Sept. 30	16		
Okanogan County.....	June 1-Aug. 31	3	1	
Pierce County (Tacoma in- cluded).....	do	5		
Skagit County.....	Sept. 1-Sept. 30	1		
Snohomish County.....	June 1-Sept. 30	6		
Spokane County (Spokane in- cluded).....	do	26	4	Three cases imported.
Stevens County.....	Sept. 1-Sept. 30	1		
Thurston County.....	July 1-July 31	4		
Walla Walla County.....	June 1-Sept. 30	41		
Whatcom County.....	July 1-Aug. 31	4		
Whitman County.....	July 1-Sept. 30	13	2	
Yakima County.....	July 1-Aug. 31	1		
Total for State.....		249	10	
Total for State, same period, 1902.		1,268	1	
West Virginia:				
Jefferson County.....	Oct. 1-Oct. 15	14		
Wheeling.....	Mar. 1-Sept. 30	51	7	
Total for State.....		65	7	
Total for State, same period, 1902.				
Wisconsin:				
40 counties, 87 places.....	Feb. 1-Feb. 28	495	3	
39 counties, 90 places.....	Mar. 1-Mar. 31	412	4	
31 counties, 50 places.....	Apr. 1-Apr. 30	194	1	
32 counties, 53 places.....	May 1-May 31	259	3	
26 counties, 34 places.....	June 1-June 30	238		
6 counties, 6 places.....	July 1-July 11	15		
7 counties, 10 places.....	July 12-July 31	50		
8 counties, 8 places.....	Aug. 1-Aug. 31	24		
5 counties, 6 places.....	Sept. 1-Sept. 30	15	1	
Milwaukee.....	Oct. 4-Nov. 7	19		
Total for State.....		1,721	12	
Total for State, same period, 1902.		827	6	
Grand total.....		11,639	474	
Grand total, same period, 1902.....		13,968	711	

[NOTE.—In accordance with custom, the tables of epidemic diseases, with the exception of the plague table in the United States, are terminated semiannually and new tables begun.]

Plague in the United States, as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 27, 1902, to November 27, 1903.

Place.	Number since Mar., 1900.	Number since Mar., 1903.	Date.	Cases.	Deaths.	Remarks.
California:						
San Francisco.....	93		Dec. 11	1	1	
Do.....	94	1	Mar. 16	1	1	
Do.....	95	2	June 5	1	1	
Do.....	96	3	July 15	1	1	
Do.....	97	4	July 19	1	1	
Do.....	98	5	July 20	1	1	
Do.....	99	6	July 29	1	1	
Do.....	100	7	Aug. 9	1	1	
Do.....	101	8	Aug. 21	1	1	
Do.....	102	9	Sept. 13	1	1	
Do.....	103	10	Oct. 7	1	1	
Do.....	104	11	Oct. 20	1	1	
Do.....	105	12	Oct. 23	1	1	
Do.....	106	13	Oct. 24	1	1	
Do.....	107	14	Oct. 29	1	1	
Do.....	108	15	Nov. 4	1	1	
Do.....	109	16	Nov. 6	a1	a1	
Do.....	110	17	Nov. 7	1	1	
Do.....	111	18	Nov. 12	a1	a1	

a Provisional diagnosis.

For record of plague in San Francisco for calendar year 1902, see PUBLIC HEALTH REPORTS No. 52, December 26, 1902. A summary of cases since March, 1900, when the first case was officially reported, is as follows: Calendar year 1900, cases, 22; deaths, 22. Calendar year 1901, cases, 30; deaths, 25. Calendar year 1902, cases, 41; deaths, 41.

Total cases of plague from January 1 to November 27, 1903, 18. Total cases of plague same period 1902, 39.

Yellow fever in the United States, as reported to the Surgeon-General, Public Health and Marine-Hospital Service, July 3, 1903, to November 27, 1903.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Angel Island.....	Sept. 10-Sept. 11	1	1	Case on ss. Colon, from Panama; port of call, Acapulco.
Mississippi:				
Gulf Quarantine, Ship Island..	July 3-July 5	1	1	Case on ss. Mount Vernon, from Limon; discovered at Mobile. Vessel remanded to Gulf Quarantine, Ship Island.
	Sept. 1.....	1	1	Case on schooner Henrietta J. Powell, from Vera Cruz.
Texas:				
Cannel.....	To Nov. 23.....	24	1	Mining camp.
Castroville.....	Oct. 21.....	1		
Hondo.....	Oct. 19.....	1		
Laredo.....	Sept. 24-Nov. 23	985	101	
Minera.....	To Nov. 23.....	135	10	Mining camp near Laredo.
San Antonio.....	Oct. 21-Nov. 23	38	12	One case at Fort Sam Houston.
Dewitt County.....	Oct. 26-Nov. 4	5	1	

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

Cities.	Week ended—	Population United States census of 1900.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Philadelphia, Pa.	Nov. 14	1,293,697	376	44		1				7	2	22		2
Pittsburg, Pa.	do	321,616	120	14			5			5		9		
Plainfield, N. J.	do	15,369	6	1								1		
Port Huron, Mich.	do	19,158	4	2								2		
Portland, Me.	do	50,145	17	1								1		1
Providence, R. I.	do	175,597	59	4						1		2	1	1
Quincy, Mass.	do	23,899	7											
Reading, Pa.	Nov. 16	78,961	36	6										
Rochester, N. Y.	Nov. 14	162,608	69	8						2		7		
Salt Lake City, Utah.	Nov. 7	53,531	13	1						1				
San Francisco, Cal.	Nov. 8	342,782	171	19							1			6
Santa Barbara, Cal.	Nov. 7	6,587	3											
Shreveport, La.	Nov. 16	16,013	7											
South Bend, Ind.	Nov. 14	35,999	15	1										
Steelton, Pa.	do	12,068	8	1								1		
Tacoma, Wash.	Nov. 9	37,714	12	2										
Taunton, Mass.	Nov. 14	31,036	9									1		
Titusville, Pa.	do	8,244	1											
Toledo, Ohio	do	131,822	34	2						1		8		
Trenton, N. J.	do	73,307										1		
Waltham, Mass.	do	23,481	7											
Weymouth, Mass.	do	11,324	3											
Williamsport, Pa.	do	28,757	3											
Wilmington, Del.	do	76,508	23	3						2		2		
Winona, Minn.	do	19,714	3											
Worcester, Mass.	Nov. 13	118,421	33	4										
Youngstown, Ohio	Nov. 14	44,885	10							1		1		

FOREIGN AND INSULAR.

CHINA.

Reports from Hongkong.

Passed Assistant Surgeon McMullen reports October 15 and 19 as follows:

Week ended October 10, 1903—Twelve vessels, with 920 officers and crew and 847 passengers (170 cabin and 677 steerage) were inspected and granted bills of health. Five hundred and seventy-six crew and 646 steerage passengers were bathed and their baggage disinfected, 1,241 pieces.

The only communicable diseases reported for the week were two fatal cases of plague (Chinese), both of which occurred in the city. One alien per s.s. *Victoria*, with trachoma, was recommended for rejection.

Week ended October 17, 1903: Six vessels, with 617 crew and officers and 578 passengers (217 cabin and 361 steerage) were inspected and granted bills of health; 469 crew and 337 steerage were bathed and their baggage disinfected. One vessel to Manila via Amoy was directed to proceed via Marivelles for disinfection. There was 1 rejection for fever, and 18 aliens (Chinese steerage) were recommended for rejection on account of trachoma.

The following communicable diseases were reported for the week: Two cases and 2 deaths from plague and 1 case of enteric fever.

Reports from Shanghai.

Acting Assistant Surgeon Ransom reports October 13 and 19 as follows:

Week ended October 10, 1903, there were inspected 3 vessels, 152 crew (18 cabin and 1 steerage passenger). Three cases of illness on board ships bound to the United States were investigated. There were viséd 30,815 pieces of freight.

Communicable diseases were reported to the municipal health officer as follows: Cholera, 7 deaths; enteric fever, 3 cases, and diphtheria, 1 case. The total mortality reported was 7 foreigners and 189 natives.

Newchwang is the only outport reporting quarantinable disease present. During the week ended October 3 there occurred at that port 144 cases and 142 deaths from plague. Since the commencement of the present epidemic during the first week in September of this year there has been a total of 465 cases and 414 deaths from plague at Newchwang.

A case of cholera on the British bark Olivebank at Shanghai.

Acting Assistant Surgeon Ransom reports October 19, as follows: The British bark *Olivebank* sailed from this port yesterday, bound to Royal Roads, near Victoria, British Columbia, for orders. During her stay in Shanghai the *Olivebank* had on board one case of cholera that I know of, and I suggested to the agents, the Standard Oil Company, through her captain, the advisability of having her disinfected under the supervision of this office, in view of the possibility of her ultimate destination being an American port, but this suggestion was not acted upon. I would further state that it is believed that the vessel carried mud ballast from the Wangpoo River, which is considered by this office to be dangerous.

This information is forwarded in case the Bureau may desire to have the vessel disinfected should she go finally to an American port, and a copy of this letter will be sent to the United States quarantine officer at Port Townsend, Wash.

NOTE.—Doctor Montizambert, director-general of public health, Ottawa, Canada, was notified of this vessel, also the quarantine officer at Port Townsend, Wash.

CUBA.

Reports from Cienfuegos.

Acting Assistant Surgeon McMahon reports November 12 and 17 as follows: Week ended November 7, 1903. Bills of health were issued to 3 vessels going to ports in the United States, all in good sanitary condition and no sickness.

No quarantinable disease has arrived at this port on vessels during this week, nor has any been reported in the city.

The mortuary report has not been received yet, and will be forwarded as soon as received.

Week ended November 14, 1903. Bills of health were issued to 8 vessels going to ports in the United States, all in good sanitary condition and no sickness on board of any of them.

The mortuary report for the city for the first ten days of this month has just been received and shows there were 20 deaths, caused by, tuberculosis 3, malaria 1, meningitis 1, and other noninteresting causes.

There have been reported 2 cases of scarlet fever in the city this week, and the city authorities are taking every precaution to prevent its spread.

Reports from Matanzas.

Acting Assistant Surgeon Núñez reports November 11 and 16 as follows: Week ended November 7, 1903.

The case of scarlet fever in this city, mentioned in my previous report, was discharged cured on the 9th instant. Since then no other cases have been reported. One case of rōtheln, or German measles, occurred in this city last week, and the usual precautions are being taken to prevent its spread.

Three bills of health have been issued to vessels bound for United States ports during the past week.

No quarantinable disease has been reported.

Following are the mortuary statistics of this city during the period of ten days ended November 10, 1903.

	Number of deaths.	Bertillon number.
Gangrene, senile.....	1	142
Cardiac disease (not classified).....	1	79
Tuberculosis.....	2	27
Debility, congenital.....	1	151
Sarcoma, hepatic.....	1	40
Pleuro-pneumonia.....	1	93
Meningitis.....	1	61
Tetanus, infantile.....	1	72
Decrepitude.....	1	154
Enteritis.....	1	105
Congestion, pulmonary.....	1	95
Insufficiency, mitral.....	1	79
Arterio-sclerosis.....	1	81
Abscess, peritoneal.....	1	.....
Total.....	15	.....

Estimated population, 48,000; annual rate of mortality per 1,000, 11.40.

Week ending November 14, 1903: Three bills of health were issued during this period to vessels leaving for ports in the United States.

No quarantinable disease or any of contagious or infectious nature has been reported during the past week within this district.

Mortuary statistics for this city will be forwarded with my next report.

Reports from Santiago.

Acting Assistant Surgeon Wilson reports November 10 and 17 as follows:

Week ended November 7, 1903: Bills of health were issued to three vessels bound for the United States. No quarantinable disease has been reported. I inclose herein the weekly abstract of bills of health issued and the mortuary statistics for the week.

Mortuary statistics for the week ended November 7, 1903.

SANTIAGO DE CUBA.

Causes of death.	Number.
Pernicious fever.....	1
Malarial cachexia.....	1
Tubercle of lungs.....	1
Cancer of womb.....	1
Cerebral hemorrhage.....	1
Tetanus, infantile.....	1
Bronchitis, capillary.....	2
Pneumonia.....	2
Diarrhea and enteritis (chronic).....	1
Cyanosis of the new born.....	1
Ill-defined or unspecified.....	2
Total.....	14

Annual rate of mortality for the week, 16 per 1,000. Estimated population, 45,500.

Week ended November 14, 1903: Bills of health were issued to seven vessels bound for the United States and Porto Rico. No quarantinable disease has been reported. I inclose the weekly abstract of bills of health issued and the mortuary statistics for the week.

Mortuary statistics for the week ended November 14, 1908.

SANTIAGO DE CUBA.

Causes of death.	Number.
Malarial fever.....	1
Grippe.....	1
Leprosy.....	1
Tubercule of lungs.....	3
Tubercule of meninges.....	1
Cancer of neck.....	1
Meningitis.....	2
Cerebral hemorrhage.....	1
Tetanus, infantile.....	1
Organic heart disease.....	2
Bronchitis, capillary.....	1
Broncho-pneumonia.....	1
Croupous pneumonia.....	1
Diarrhea and enteritis (two years and over).....	1
Bright's disease.....	1
Atelectasis, congenital.....	1
Senility.....	1
Total.....	21

Annual rate of mortality for the week, 24 per 1,000. Estimated population, 45,500.

GERMANY.

Report from Berlin—Mortuary statistics.

Consul-General Mason reports November 6 as follows: The death rate of Berlin for the week ended October 24 was not much higher than in the preceding week and the corresponding week of last year; it amounted, calculated on the year, to 13.9 per thousand of the population. Among the large German cities only 5 could show more favorable figures than Berlin, namely, Dresden, Hanover, Crefeld, Charlottenburg (with 12.9), and Schöneberg with 7.4 per thousand. The death rate of Braunschweig was identical with the Berlin figure, while the following cities among others had a considerably higher rate than Berlin: Stuttgart, Carlsruhe, Bremen, Hamburg, Leipzig, Frankfurt-am-Main, Munich, Nuremberg, Cologne, Magdeburg, Breslau, and Königsberg, as well as London, Paris, and Vienna. There was again a decline in the number of deaths among children in the first year of life, the increase in the number of deaths being exclusively confined to the higher-age classes. The mortality rate among infants amounted to 3.6 per year and thousand, being less than half the rate of Munich, Nuremberg, Bremen, and Breslau. The registered number of cases of acute disease of the respiratory organs also showed a decline, causing during this week 29 deaths. There was no variation with regard to acute intestinal diseases, which claimed 62 victims; 11 children succumbed to cholera, 76 persons died of phthisis pulmonalis, and cancer claimed 44 victims. Further, there were registered 4 deaths from scarlet fever, 6 deaths from diphtheria, and 2 deaths from measles; 2 persons died of typhus, and influenza claimed 4 victims. Finally, 7 persons died by violence.

HAWAIIAN ISLANDS.

Reports from Hilo and Honolulu.

Chief Quarantine Officer Cofer reports November 6 and 9 as follows: Outgoing quarantine transactions at Hilo for the week ended October

31, 1903: Number of vessels disinfected, then inspected and passed, 1; number of cabin passengers inspected and passed 17; number of crew inspected and passed, 19; number of pieces of baggage disinfected, 48.

Out-going quarantine transactions at Honolulu for the week ended November 7, 1903.

Vessels inspected and bills of health issued.....	8
Vessels disinfected.....	3
Cabin passengers inspected.....	107
Steerage passengers inspected.....	157
Crew inspected.....	111
Pieces of steerage passengers' baggage disinfected and passed.....	178
Pieces of crews' baggage disinfected and passed.....	27
Hides and skins disinfected.....	0
Pieces of freight disinfected.....	515

Monthly report of quarantine transactions in the Hawaiian Islands for the month of October, 1903.

PORT OF HONOLULU.

[Incoming quarantine.]

Steam vessels inspected and passed.....	17
Crew on steam vessels.....	2, 235
Passengers on steam vessels.....	3, 286
Sailing vessels inspected and passed.....	24
Crew on sailing vessels.....	352
Passengers on sailing vessels.....	31
Sick in detention from last month.....	1
Detention from last month.....	153

PORT OF HILO, HAWAII.

Steam vessels inspected and passed.....	0
Sailing vessels inspected and passed.....	1
Crew on steam vessels.....	0
Passengers on steam vessels.....	0
Crew on sailing vessels.....	19
Passengers on sailing vessels.....	9

PORT OF KAHULUI, MAUI.

Sailing vessels inspected and passed.....	1
Crew on sailing vessels.....	14
Passengers on sailing vessels.....	0

PORT OF LAHAINA, MAUI.

Sailing vessels inspected and passed.....	2
Crew on sailing vessels.....	27
Passengers on sailing vessels.....	0

PORT OF KOLOA, KAUAI. No transactions.

INDIA.

Report from Calcutta.

Passed Assistant Surgeon Sprague reports October 28 as follows:
 Week ended October 24, 1903, bills of health were issued to the following vessels: October 20, steamship *Momica*; total crew, 53; lascars, 35; no passengers. October 21, steamship *Venus*; total crew, 59; lascars, 51; no passengers. The clothing and effects of the 86 lascars were disinfected. There was one rejection from each crew because of a temperature above 99° F. * * * There were three rejections.

JAPAN.

Cholera in Nagasaki.

Sanitary Inspector Bowie reports October 26 as follows: A sudden outbreak of cholera occurred in this city on Thursday last, numbering 20 cases. In the three days that have since elapsed, the number has been increased to 49, with 27 deaths. The disease is not confined to any one part of the town, but is rapidly spreading throughout the different quarters. So far as I am able to learn, the first cases were thought to have been caused by eating small, sardine-like fish, called by the Japanese "iwashi," a very favorite dish among the natives, especially when dried. Thus far the disease has not found any victims among the foreign residents or visitors.

Report from Yokohama.

Assistant Surgeon Dunlap Moore reports October 26 as follows: Week ended October 17, 1903. The official "report of contagious diseases" for the above period, just received, includes the following: Enteric fever, 5 cases, 3 deaths; diphtheria, 3 cases, no deaths; plague (doubtful), 2 cases, 1 death; dysentery, 3 cases, 1 death. The case of cholera noted in the report for the week ended October 10 has since been determined not to have been true cholera. Press reports state that a case of cholera occurred in this city on October 21.

According to the same authority, a number of new cases of pest were discovered in Yokohama during the week ended October 24. Authoritative statistics show that from May 10 to October 17, 1903, there have been officially reported in Yokohama 29 cases of plague, with 23 deaths, and 3 cases of "doubtful plague," with 2 deaths.

According to press reports 8 doubtful cases of cholera occurred in the city of Nagasaki on the 21st instant. The same authority states that 3 doubtful cases of the same disease occurred in Kami-Nagasaki-Mura (a village near Nagasaki) on the above date.

MEXICO.

Report from Tampico.

Temporary Acting Assistant Surgeon Lippincott reports as follows: Week ended November 7, 1903: Bills of health issued, 5; vessels inspected and passed, 4; vessels disinfected and passed, 1; personnel of crew, 21; passengers, 4; baggage, 7 pieces.

There were 2 new cases of yellow fever officially reported during the week, and 1 remaining from the previous week, making a total of 3 cases for the week ended November 7, 1903. Fifteen deaths were recorded, of which 1 was from pernicious fever and 14 from noncontagious causes.

The situation has improved more than could be expected in the last fifteen days, which is probably due to the cool temperature. One fireman and a steward were removed from steamship *Saratoga*, on inspection, with temperatures 38.5° and 39°, respectively, have proved bad cases of malarial fever, and are still under treatment at the city hospital.

Ciudad Victoria, Linares, Monterey, and the Huasteca remain badly infected.

Sanitary measures at Vera Cruz on account of yellow fever.

Consul Canada reports, November 2, as follows: The "superior board of health" of Mexico, through the secretary of the treasury, has asked for an appropriation of \$100,000 for the purpose of inaugurating a vigorous campaign against yellow fever throughout the Republic, and upon the recommendation of the President the matter was laid before Congress.

An outline of the work to be accomplished has been kindly furnished us by Drs. N. del Rio and Manuel Yglesias, quarantine physicians at this port, and doubtless these same measures will be employed at all points within the limits of this country wherever yellow fever is prevalent or likely to be.

On September 1, the city of Vera Cruz was divided into four districts, each one under the control of a medical officer and an inspector. The working force consists of 6 inspectors of the first class, 14 of the second, together with 30 assistants; this force may be increased if deemed advisable.

A system of domiciliary visits is in contemplation and all affected persons will be removed at once either to one of the hospitals or to a sanitarium recently established for the purpose. All patients to be isolated while under medical treatment.

The doors and windows of the hospitals and sanitarium are provided with wire netting; there are double doors arranged so that the second one can not be opened until the first has been closed.

Rooms in private houses screened in accordance with these regulations, and to the satisfaction of the inspecting officer, will be considered as properly isolated quarters for a patient, and the person will not be removed.

The inspectors will examine all receptacles containing water and destroy all larvæ of mosquitoes encountered; petroleum will be used; the owner or tenant to be required to cover all such vessels in or about the building.

Stringent rules will be adopted and enforced to insure absolute cleanliness in and about the houses, yards, corridors, and passageways; and upon completion of the city drainage works, every house owner will be compelled to connect all privies and water-closets with the sewers, and also to fill up all cesspools and other excavations used for the reception of waste matter.

The inspectors are also required to exercise supervision over all matters affecting the public health, as also the cleaning of the public thoroughfares, now done under the supervision of the police department.

PHILIPPINE ISLANDS.

Reports from Manila—Cholera in the provincial towns.

Chief Quarantine Officer Heiser reports October 9 and 17 as follows:

The number of quarantinable diseases reported in Manila during the week ended October 3, 1903, is as follows:

	Cases.	Deaths.
Cholera	52	49
Smallpox	1	0
Plague	0	0

Since my detailed report of September 16, 1903, in which the sharp increase in the number of cholera cases was ascribed to an infected spring, there has been a gradual decline in the number of cases, which is no doubt due to the fact that the spring was closed. The number of cases has been reduced from 79 per week to 52 per week.

Cholera is again present on the watershed from which the water supply of Manila is obtained. As long as this menace exists, Manila is likely to be visited almost any day by a frightful cholera epidemic.

There has been a great improvement in the cholera situation at Iloilo. At Cebu there was no cholera reported during the week.

Since the beginning of the present outbreak of plague at Cebu, (August 19, 1903), there have been 16 cases and 13 deaths reported. When it is considered that the history of plague in the islands shows that at this season of the year plague is always at its lowest ebb, and in this period at least 16 cases have occurred, there is considerable cause for alarm, especially when it is considered that no assistance to stamp it out is being rendered by the people of Cebu. The board of health is considering the advisability of quarantining against that port.

Later investigation shows that plague was present in Cebu last autumn, and that it is not improbable that other cases have occurred since then. This still further strengthens the opinion that it was not introduced from the outside by shipping.

Report of cholera occurring in provincial towns in the Philippine Islands.

WEEK ENDED OCTOBER 3, 1903.

Place.	Province.	Cases.	Deaths.
San Miguel de Mayumo	Bulacan	3	3
Guiguinto	do	2	2
Santa Maria	do	1	1
Bocaue	do	2	1
Cabanatuan	Nueva Ecija	7	7
Orani	Bataan	2	2
Balanga	do	20	16
Orion	do	9	6
Aparri	Cagayan	15	11
Tuguegarao	do	7	3
San Mateo	Rizal	6	7
Montalbon	do	1	0
Cavite	Cavite	3	1
Bacoor	do	3	3
Nalg	do	4	1
Santa Cruz	Laguna	4	2
Victoria	Tarlac	27	16
Botolan	Zambales	3	3
Bollnao	do	6	4
Baybay	Island of Leyte	5	5
Gasan	Island of Marinduque	186	187
Boac	do	187	186
Tagbilaran	Island of Bohol	20	12
Iloilo	Island of Panay		
Tigbauan	Province of Iloilo	12	12
Pandan	do	14	5
Aninity	Province of Antique	10	8
Colasi	do	20	4
Tibao	do	6	1
Dumaguete	do	2	2
	Island of Negros	9	9
Total		596	520

The number of quarantinable diseases reported in Manila during the week ended October 10, 1903, was as follows:

	Cases.	Deaths.
Cholera	38	35
Smallpox	0	0
Plague	0	0

There has been a steady improvement in health conditions during the week. This is the first time since last year that there has been an entire absence of plague and smallpox in Manila. The number of cholera cases in Manila has also been much reduced. At Cebu no cholera was reported, and at Iloilo there has been a great reduction in the number of cases.

During the week there has been a great influx of Chinese from Amoy. The surgeon, Doctor Johnson, who is attached to the consulate at Amoy, reports that there is no plague or cholera at that port, and has certified the passengers as safe; in consequence there has been no quarantine detention. All vessels from Hongkong or Amoy, unless disinfected at the port of starting, are required to call at Mariveles for disinfection of the vessel, crew, and passengers. A careful examination is made of the glandular regions, after which the vessel proceeds to Manila, where the passengers are again inspected before they land.

The port of Mariveles is now used as a coaling station by the Quartermaster's Department for coaling the inter-island transports. About 300 stevedores are employed in this work, and since cholera has broken out several times among the men it has been a serious problem to keep the vessels from becoming infected. With the view of reducing the danger as much as possible negotiations were entered into with the army. An isolated camp for these men was suggested. The suggestion was adopted, and a camp is now in course of construction by the army. This increased amount of shipping at Mariveles has almost doubled the work of the service at that port.

Report of cholera occurring in provincial towns in the Philippine Islands for the week ended October 10, 1903.

Place.	Province.	Cases.	Deaths.
San Miguel de Mayumo	Bulacan	2	2
Malolos	do	2	1
Bulacan	do	2	2
Bigaa	do	5	4
Paombong	do	1	1
Bocaue	do	5	4
Quingua	do	1	1
San Isidro	Nueva Ecija	5	1
San Antonio	do	2	2
San Juan de Guimba	do	7	3
Orani	Bataan	5	2
Balanga	do	10	8
Orion	do	10	5
Mataban	do	1	1
Aparri	Cagayan	5	4
Camalaniugan	do	2	2
Tuguegarao	do	7	3
Buguey	do	11	0
Mambajao	do	9	4
San Mateo	Rizal	1	0
San Roque	Cavite	1	1
Naig	do	2	1

Report of cholera occurring in provincial towns in the Philippine Islands for the week ended October 10, 1903—Continued.

Place.	Province.	Cases.	Deaths.
Victoria	Tarlac	16	12
Taal	Batangas	11	11
Botolan	Zambales	12	9
Ormoc	Island of Leyte	20	10
Tagbilaran	Island of Bohol	18	9
	Island of Panay		
Iloilo	Province of Iloilo	10	9
Tigbauan	do	14	5
Capiz	Province of Capiz	1	1
Calabao	do	11	3
Barbaza	Province of Antique	10	5
Pandan	do	26	24
Antique	do	9	3
Tibao	do	2	2
Barbora	do	5	5
Binalbagan	Island of Negros	50	38
Bacolod	do	4	4
Sumag	do	11	9
Bulupanadan	do	11	3
San Carlos	do	4	4
Surigao	Island of Mindanao		
	Province of Surigao	15	12
Total		356	230

Plague, cholera, and smallpox, in Cebu, during September, 1903.

Assistant Surgeon Fox reports October 1, through the chief quarantine officer, as follows:

Quarantinable diseases reported to the local authorities for the month of September, 1903.

	Cases.	Deaths.
Plague	11	8
Cholera	4	2
Smallpox	5	1

Foreign and insular statistical reports of countries and cities—Yearly and monthly.

AUSTRALIA—*New South Wales—Sidney and suburbs.*—Month of September, 1903. Population, 508,510. Total number of deaths, 456, including diphtheria, 7; enteric fever, 1; scarlet fever, 2; whooping cough, 5, and 46 from tuberculosis.

Three months ended September 30, 1903. Total number of deaths, 1,476, including 225 from contagious diseases.

AUSTRIA—*Brunn.*—Month of September, 1903. Estimated population, 95,342. Total number of deaths, 210, including diphtheria, 2; enteric fever, 2; scarlet fever, 3; whooping cough, 1, and 46 from tuberculosis.

CANADA—*British Columbia.*—Vancouver, month of October, 1903, estimated population, 29,000; no deaths reported.

Victoria, month of October, 1903, estimated population, 21,000. Total number of deaths, 16, including 1 from enteric fever.

CHILE—*Antofagasta*.—Month of September, 1903, estimated population, 16,000. Total number of deaths, 71, including smallpox, 23, and 4 from tuberculosis.

FRANCE—*Marseille*.—Month of October, 1903. Population, 491,161. Total number of deaths, 823, including diphtheria 4, enteric fever 18, measles 1, scarlet fever 1, smallpox 21, whooping cough 3, and 77 from tuberculosis.

GERMANY—*Baden*.—*Freiburg*.—Three months ended September 30, 1903. Estimated population, 90,106. Total number of deaths, 460, including diphtheria 1, scarlet fever 1, whooping cough 21, and 58 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended November 7, 1903, correspond to an annual rate of 16.2 per 1,000 of the aggregate population, which is estimated at 15,075,011.

London.—One thousand four hundred and twenty-six deaths were registered during the week, including measles 15, scarlet fever 13, diphtheria 18, whooping cough 11, enteric fever 18, and diarrhea 53. The deaths from all causes correspond to an annual rate of 16.1 per 1,000. In Greater London 1,884 deaths were registered. In the "outer ring" the deaths included 2 from diphtheria, 4 from scarlet fever, and 1 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended November 7, 1903, in the 21 principal town districts of Ireland was 18.7 per 1,000 of the population, which is estimated at 1,093,289. The lowest rate was recorded in Ballymena and Sligo, viz, 0, and the highest in Kilkenny, viz, 49.1 per 1,000. In Dublin and suburbs 166 deaths were registered, including enteric fever 1 and 36 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended November 7, 1903, correspond to an annual rate of 15.8 per 1,000 of the population, which is estimated at 1,702,912. The lowest rate of mortality was recorded in Dundee and Greenock, viz, 12.8, and the highest in Perth, viz, 23.2 per 1,000. The aggregate number of deaths registered from all causes was 516, including diphtheria 6, measles 19, scarlet fever 5, and 6 from whooping cough.

HAWAIIAN ISLANDS—*Honolulu*.—Month of October, 1903. Census population, 39,306. Total number of deaths, 50, including 5 from tuberculosis.

JAMAICA.—Two weeks ended October 31, 1903. Estimated population, 755,730. Number of deaths not reported. One death from enteric fever and 1 from whooping cough reported.

Kingston.—Month of October, 1903. Estimated population, 52,475. Total number of deaths, 149, including enteric fever, 3; whooping cough, 5, and 14 from tuberculosis.

JAPAN—Nagasaki.—Ten days ended October 20, 1903. Population, 148,883. Number of deaths not reported. Two deaths from diphtheria and 2 from enteric fever reported.

ST. HELENA.—Four weeks ended October 24, 1903. Estimated population, 4,000. Total number of deaths, 2. No deaths from contagious diseases.

Cholera, yellow fever, plague, and smallpox, June 27, 1902, to November 27, 1903.

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

[For reports received from December 27, 1902, to June 26, 1903, see PUBLIC HEALTH REPORTS for June 26, 1903.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy	July 19-Aug. 1	.....	650	
Hankow	Sept. 5-Sept. 19	4	2	
Hongkong	June 6-Aug. 29	8	3	
Shanghai	Aug. 1-Oct. 10	.....	90	Two cases from a vessel; one case on Br. ss. Olivebank.
Tientsin	Sept. 5-Sept. 19	3	1	Imported via ss. Shenkin
India:				
Bombay	May 20-Aug. 22	.....	19	
Calcutta	May 22-Oct. 17	.....	284	
Chefoo	Sept. 5-Sept. 12	1	1	
Karachi	June 1-June 7	1	1	
Madras	June 6-Oct. 9	.....	21	
Japan:				
Kobe	Sept. 27-Oct. 3	2	1	
Nagasaki	Aug. 11-Oct. 26	51	28	
Yokohama	Oct. 4-10	1	1	Discovered not to be true cholera
Philippine Islands:				
Manila	May 2-Oct. 10	701	613	
Provinces .....	.....do	23,929	17,758	
Straits Settlements:				
Singapore	May 16-Oct. 3	.....	210	
Turkey:				
Arghani-Maaden	Oct. 6	2	.....
Damascus	Sept. 1-Sept. 15	.....	.....	Fifteen to 20 cases daily.
Diarbekir	Oct. 8	.....	.....	5 deaths daily.
Gerger	Oct. 6	4	.....
Severek	Oct. 8	.....	.....	Present.
Syria	Aug. 8-Oct. 24	5,562	1,366	
Tripoli	Sept. 1-Sept. 15	.....	.....	Fifteen to 20 cases daily.

YELLOW FEVER.

Brazil:				
Pernambuco	June 16-June 30	.....	1	
Rio de Janeiro	May 17-Oct. 18	.....	31	
Colombia:				
Panama	June 8-Sept. 28	43	15	
Costa Rica:				
Limon	June 11-Oct. 29	49	29	One case on ss. Westgate.
Matina	Aug. 20	2	.....
San José .....	.....do	2	.....	Imported.
Zent .....	.....do	.....	4	
Cuba:				
Habana	July 7-Oct. 9	5	1	One from Ward Line ss. Vigilancia, from Progreso; 1 from Sp. ss. Alfonso XIII; one on Am. ss. Monterey, from Progreso, and 2 on Ger. ss. Prinz Adalbert, from Vera Cruz and Tampico.
Ecuador:				
Guayaquil	May 2-July 25	.....	8	
Jamaica:				
Port Royal	Oct. 11-Oct. 17	4	.....
Mexico:				
Altamira	July 18	.....	.....	Present.
Cardenas	July 10	1	1	
Citas	Aug. 23-Oct. 24	148	56	
Ciudad Victoria	Oct. 4-Nov. 7	.....	46	Fourteen new cases.
Coatzacoalcos	July 19-Nov. 7	5	3	Three cases imported.

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

YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico—Continued.				
Dofia Cecilia	July 11–Nov. 4	2		Present.
El Higo	Aug. 15			
Linares	To Nov. 7	1,875	349	
Merida	Jan. 1–Nov. 7	198	77	
Mexico	Aug. 10–Oct. 4		3	
Monterey	Nov. 7	500		
Motul	Sept. 6–Sept. 26	1		
Motzorongo	July 20			Do.
Nuevo Laredo	Sept. 15–Nov. 22	66	26	
Orizaba	May 17–July 6	12		Eleven cases imported from Vera Cruz.
Progreso	Jan. 1–Nov. 7	19	5	
Quintana Roo	Sept. 26	1	1	
Salina Cruz	Aug. 9–Oct. 24	23	10	
San Luis Potosi	July 31			Present.
Tampico	June 13–Nov. 7		300	One on American schooner Alverda S. Elzey. One new case.
Tamuin	Aug. 15			Present.
Tehuantepec	Aug. 9–Nov. 7		16	
Teran	Aug. 27			Do.
Tierra Blanca	July 20			Do.
Valladolid	Aug. 9–Sept. 26	2		
Vera Cruz	June 13–Nov. 7	905	300	One from Br. ss. Trader, probably infected on shore. One on Br. ss. Kassala, probably infected on shore.
Victoria	Aug. 10	3	1	
Zongolica	To July 11	5		
Venezuela:				
Barquesimeto	July 31–Aug. 27			Present.
Cagua	Sept. 1			Do.
Caracas	Sept. 15		1	
Maracaibo	July 5–Oct. 24	2	2	
Puerto Cabello	Sept. 20–Sept. 26		1	
Tocuyo	July 31–Aug. 27			Do.

PLAGUE.

Africa:				
Cape of Good Hope (Port Elizabeth, East London, King Williams Town, and Queenstown included).	May 2–Oct. 3	79	2	
Natal (Durban and Pietermaritzburg included).	Apr. 18–July 25	22	8	
Australia:				
Queensland, Brisbane	May 9–Sept. 12	21	11	
Bundaberg	May 16–June 13	3	1	
Townsville	Sept. 4	1	1	
Western Australia, Fremantle.	June 10	1		
New South Wales, Sydney.	June 13–July 11	2		
Bolivia:				
La Paz	Aug. 13			Present.
Brazil:				
Rio de Janeiro	May 24–Oct. 18		132	
Sergipe	Sept. 30			Prevailing.
Chile:				
Concepcion, vicinity of	July 11			Present.
Iquique	May 15–Aug. 17	170	101	
Pisagua	July 11			Do.
Valparaiso	To Aug. 24	9	2	
China:				
Amoy	May 10–Aug. 1		1,740	Estimated.
Canton	May 12			Increasing.
Fuchau	July 15			Becoming epidemic.
Heung Shan	May 12			Do.
Honam	do			Increasing.
Hongkong	May 2–Oct. 17		583	
Inkow	Sept. 7			Present.
Newchwang	Sept. 1–Oct. 3	465	414	
Sgun Tak	May 12			Increasing.
Yeung Kong	do			Do.
Egypt:				
Alexandria	May 19–Oct. 23	116	73	
Beni Mazar	June 6–June 19	3		
Damiette	June 13–Oct. 1	26	17	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt—continued.				
Port Said	May 23-Aug. 7	22	10	
Tantah	June 20-July 9	7	3	
District of Embabek	May 30-June 6	1	1	
District Gallab	do	1	1	
District Magagha	May 23-June 6	3	2	
District Minieh	do	1		
District Samalut	May 23-June 13		3	
District Tuhk	May 30-June 27	25	4	
France:				
Marseille	To Sept. 15	10	5	
Formosa				
	Jan. 1-Sept. 30	915	750	
Germany:				
Berlin	June 5-June 18	1		Nurse of case previously reported.
Hawaiian Islands:				
Hilo	Sept. 15	2	2	
Honolulu	June 24-Sept. 12	6	4	
India:				
Bombay Presidency and Sind—				
Northern Division	May 2-Oct. 17	5,864	4,869	
Central Division	do	27,975	16,990	
Southern Division	do	37,224	26,728	
Sind	do	718	542	
Political charges	do	22,866	16,526	
Madras Presidency	do		8,907	
Bengal—				
Calcutta	do		309	
Presidency	do	143	138	
Burdwan	do	73	70	
Bhagalpur	do	20	17	
Patna	do	959	806	
Chota Nagpur	Sept. 20-Oct. 17	135	115	
United Provinces—				
Allahabad	May 2-Oct. 17	358	303	
Benares	do	619	362	
Fyzabad	do	206	184	
Gorakhpur	do		220	
Meerut	do		485	
Lucknow	do	338	318	
Agra	do		87	
Rohilkhand	June 6-Oct. 17	2	2	
Punjab—				
Jullunder	May 2-Oct. 17	19,185	11,828	
Lahore	do	22,273	13,421	
Rawalpindi	do	17,775	11,353	
Multan	do	1,315	675	
Delhi	do	7,933	5,892	
Burma—				
Rangoon	do	1		
Central Provinces—				
Nerbudda	do	973	874	
Nagpur	do	783	718	
Jubbulpore	do	224	135	
Chhattisgarh	Sept. 26-Oct. 17	804	759	
Assam	May 16-Oct. 17	36	8	
Coorg	June 6-Oct. 17	60	24	
Mysore State	May 2-Oct. 17	6,862	4,667	
Hyderabad	do	5,604	4,740	
Berar	do		1,638	
Rajputana	do	241	142	
Central India	do	8,928	6,720	
Kashmir	do	510	378	
N. W. F. Province	May 16-Oct. 17	2	2	
Italy, Licata	Sept. 14-Sept. 20	1	1	
Japan:				
Nagasaki	May 21-Aug. 18	3	2	Two cases and 1 death on Russian war vessel Otvazny, from Shanghai.
Shidzuoka Ken.	July 11	1	1	
Yokohama	May 10-Oct. 17	29	23	One case on Japanese ss. Kaga Maru, from Seattle. Ports of call, Hiogo and Hongkong.
Mauritius	May 21-Oct. 22	334	294	
Mexico:				
Bagio	Aug. 17	3		
Sequeros	Aug. 18	3		
New Caledonia	July 26-Aug. 13	88	71	
Peru:				
Arequipa	Aug. 13			Present.
Mollendo	do			Do.
Pacasmayo	do			Do.

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands:				
Cebu	Sept. 1-Sept. 30	11	8	
Manila	Apr. 11-Oct. 10	125	115	
Turkey:				
Smyrna	Sept. 29 .....	.....	1	
Straits Settlements:				
Singapore	June 14-Aug. 1	.....	20	

SMALLPOX.

Argentina:					
Buenos Ayres	May 1-Aug. 31	.....	82		
Austria-Hungary:					
Frague	May 31-Oct. 31	82	.....	
Belgium:					
Antwerp .....	.....do	31	12		
Brussels	June 6-Oct. 24	.....	42		
Ghent	May 16-July 4	.....	7		
Liege	May 23-Sept. 5	5	3		
Brazil:					
Pernambuco	June 3-Oct. 15	.....	96		
Rio de Janeiro	May 17-Oct. 18	.....	297		Forty new cases.
British Guiana:					
Demerara	Aug. 29-Sept. 26	613	4		Feb. 10-Sept. 26, 1,475 cases, 6 deaths.
Canada:					
British Columbia, Vancouver	Aug. 1-Aug 31	1	.....	
Cape Breton, Sydney	Oct. 8	11	.....	
Manitoba, Winnipeg	July 12-Nov. 14	2	.....	
New Brunswick, Lansdowne	Aug. 28	6	.....		Imported.
Ontario	May 1-Aug. 31	107	3		
Quebec	Sept. 23-Oct. 3	1	.....	
Canary Islands:					
Las Palmas	May 16-June 13	46	.....	
Chile:					
Antofagasta	May 1-Sept. 30	.....	83		
China:					
Hongkong	May 2-Oct. 3	16	5		
Shanghai	May 9-Aug. 15	.....	6		
Colombia:					
Barranquilla	Aug. 10-Oct. 25	.....	11		
Bocas del Toro	June 9-Sept. 15	65	11		
Costa Rica:					
Limon	Sept. 3-Sept. 17	2	1		
Siquires	Sept. 9	1	.....		On ss. Altai, from Savanilla.
Ecuador:					
Guayaquil	July 5-Oct. 31	.....	3		
Formosa	Apr. 1-Aug. 31	8	.....	
France:					
Marseille	May 1-Oct. 31	.....	99		
Paris	Aug. 2-Oct. 31	13	7		
Rouen	Aug. 1-Sept. 30	.....	5		
Germany:					
Bremen	Aug. 1	1	1		On ss. Bremen.
Kehl	May 1-May 31	13	.....	
Great Britain:					
Birmingham	June 6-Oct. 17	51	2		
Bradford	June 6-Oct. 24	172	9		
Bristol	June 6-Oct. 3	3	.....	
Cardiff	May 2-June 6	28	.....	
Dublin	June 6-Sept. 5	46	8		
Dundee	June 6-Sept. 12	15	.....	
Edinburgh	July 4-July 11	1	.....	
Glasgow	Sept. 19-Nov. 6	34	1		
Leeds	June 6-Oct. 24	145	5		
Leith	Oct. 4-Oct. 10	1	.....	
Liverpool	June 6-Oct. 24	204	25		
London	June 14-Nov. 1	170	.....	
Manchester	June 6-Oct. 31	69	6		
Newcastle-on-Tyne	June 6-Oct. 31	102	7		
Nottingham	May 23-Aug. 1	26	.....	
Sheffield	May 31-Oct. 24	15	.....	
Southampton	June 14-June 20	1	.....	
South Shields	Aug. 9-Oct. 24	4	.....	
Sunderland	June 6-Aug. 15	1	1		From ss. St. Paul from New York.
West Hartlepool	June 14-Aug. 22	5	.....	

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Greece:				
Athens	Oct. 4-Oct. 10	1	.....
Hawaiian Islands:				
Honolulu	Sept. 1-Sept. 30	3	2	
India:				
Bombay	May 19-Oct. 6	.....	193	
Calcutta	May 3-Sept. 12	.....	13	
Karachi	May 25-June 7	4	.....
Madras	May 23-June 19	.....	2	
Italy:				
Catania	Aug. 21-Nov. 5	.....	5	
Milan	June 1-June 30	1	.....
Palermo	Oct. 18-Oct. 24	1	.....
Rome	May 24-May 30	.....	1	
Japan:				
Kobe	May 23-June 30	5	1	
Nagasaki	June 11-June 20	1	.....
Yokohama	Jan. 1-Sept. 19	2	.....
Java:				
Batavia	Sept. 28-Oct. 3	5	.....
Malta:				
Malta	Oct. 4-31	9	2	
Mexico:				
Coatzacoalcos	June 20-June 27	1	.....
Merida	Oct. 11	1	.....
Mexico	June 7-Nov. 1	159	100	
Tampico	July 12-Oct. 31	.....	4	
Vera Cruz	July 11-Sept. 5	5	2	One case from vessel from Tampico.
Netherlands:				
Amsterdam	July 25-Nov. 7	20	3	
Philippine Islands:				
Cebu	Aug. 1-Sept. 30	13	5	
Manila	Apr. 11-Sept. 26	76	19	
Porto Rico:				
San Juan	Sept. 9-Oct. 31	4	.....
Russia:				
Moscow	May 23-Oct. 31	54	33	
Odessa	July 26-Oct. 31	21	.....
Riga	Apr. 1-June 30	.....	65	
St. Petersburg	May 31-Oct. 24	313	27	
Warsaw	May 16-Oct. 24	.....	41	
Spain:				
Cadiz	May 1-May 31	1	.....	On board ss. Grangeworth.
Barcelona	July 22-Nov. 7	.....	25	
Straits Settlements:				
Singapore	July 12-Aug. 22	.....	2	
Switzerland:				
Geneva	Aug. 16-Aug. 22	1	.....
Zurich	June 6-June 13	1	.....
Turkey:				
Constantinople	June 14-Nov. 1	.....	121	
Smyrna	May 25-Oct. 25	.....	544	
Uruguay:				
Montevideo	June 1-Sept. 5	14	.....
Venezuela:				
Barquisimeto	June 1-July 31	.....	.....	Present.
Bolivar	Oct. 5	.....	.....	Do.
Caracas	Aug. 28	.....	.....	Smallpox prevalent.
El Coro	Aug. 10	.....	.....	Present.
San Felipe	Oct. 14	.....	.....	Do.
La Pascua	Aug. 1	.....	.....	Do.
Maturin	Aug. 17	.....	.....	Do.
Puerto Cabello	Aug. 28	.....	.....	Smallpox prevalent.
Quibor	June 1-July 31	.....	.....	Present.
Tocuyo	Aug. 7	.....	.....	Smallpox prevalent.
Yaritagua	Sept. 22	.....	.....	Do.

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	Oct. 31	6,000	3														
Aix-la-Chapelle	Oct. 24	140,921	48														
Alexandretta	do	9,000	12														
Amherstburg	Nov. 13	2,250				1											
Amsterdam	Nov. 7	543,841	146	21													
Antofogasta	Sept. 30	16,000	15					4		1							
Antwerp	Oct. 31	291,315	63	5													
Athens	do	200,000	13	13					3					1		1	2
Barcelona	do	600,000	213	13				2		22							
Barmen	do	146,940	35	3													
Barranquilla	Nov. 1	45,000	18														
Belfast	Oct. 31	358,693	118							1							3
Belize	Oct. 12	9,000	3														
Bergen	Oct. 31	73,000	19	1						2							
Berlin	Oct. 24	1,943,122	534	74						2		4					
Birmingham	Nov. 7	533,039	184							1			3		1		1
Bombay	Oct. 20	776,006	536	53	60					1							
Bristol	Nov. 7	338,895	89											1			
Brunswick	Oct. 31	130,000															
Brussels	do	575,896	139	12						1							1
Budapest	do	732,322								1		11		3			
Calcutta	Oct. 17	847,796	381		17	3											
Cartagena	Oct. 25	8,000	9	1													
Do	Oct. 31	8,000	8														
Catania	Nov. 5	153,523	85	1				1	2	4							
Christiania	Oct. 31	226,000	45											1			
Coburg	do	22,582	8	2										1			
Cologne	do	401,865	120	28										1	2		2
Colon	Nov. 8	8,000	7														
Constantinople	Nov. 1	800,000	181					2		2	3	3					
Copenhagen	Oct. 31	500,000	110	13						2					1		
Corunna	do	50,000	26	4													
Crefeld	Oct. 24	110,389	18														
Do	Oct. 31	110,389	12														
Curacao	do	31,351	4														
Dublin	do	378,994	162	31							1						3
Dundee	do	162,805	61									1		1			1
Edinburgh	do	327,441	94								1			1	1		1
Frankfort-on-Main	do	308,000	69									1		1			
Geneva	Oct. 17	109,199	42														
Do	Oct. 24	109,199	36								1						
Girgenti	Oct. 31	25,069	15														
Glasgow	Nov. 6	786,897	259								1	1		2	9		3
Gothenburg	Oct. 31	132,600	37	12													
Guayaquil	Oct. 25	60,000	43	6				1		7					1		2
Do	Oct. 31	60,000	40	7						6							1
Habana	Nov. 7	236,000	99	20													
Halifax	Nov. 14	40,787	7							3	11		2		2		1
Hamburg	Oct. 31	737,328	200								1	6		1			3
Hamilton, Bermuda	Nov. 3	17,535	4														
Do	Nov. 10	17,535	4														
Hamilton, Canada	Nov. 14	55,000															
Iquique	Oct. 3	30,000	25														
Do	Oct. 10	30,000	27														
Karachi	Oct. 18	108,644	53		3												
Kingston, Canada	Nov. 18	19,374	2														
Kingston, Jamaica	Oct. 31	52,475															
La Rochelle	Nov. 1	31,553	3								1						
Lausanne	Oct. 17	49,624	7														
Do	Oct. 24	49,624	12														
Leipzig	Oct. 31	485,139	125	16						1	4		2				
Leith	do	79,552	22	4													
Licata	do	24,500	6														
Liege	Oct. 24	165,214	47	3													
Livingston	Nov. 9	3,000	1														
Liverpool	Nov. 7	716,810	270														
London	Oct. 31	6,806,296	1,857								3	2	4				7
Lyons	Oct. 24	500,000	134	28						16	10	26		25			11
Madras	Oct. 16	509,346	356		1												
Magdeburg	Sept. 26	231,909	76	8										1			1
Mainz	Oct. 31	87,200	26	2													
Do	Nov. 7	87,200	29											2			
Manchester	Oct. 31	554,331	180	15							5	2					2

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.		
Mazatlan.....	Oct. 31	20,000	18													
Do.....	Nov. 7	20,000	22													
Messina.....	Oct. 31	107,000	22	2						2						
Mexico.....	Nov. 1	368,777	278	22												
Moscow.....	Oct. 24	1,173,427	493	7					1	6				2	4	3
Newcastle-on-Tyne.....	Oct. 31	219,021	82						2	1				9	27	10
Nottingham.....	do.....	239,753	81										1			3
Nuremberg.....	Oct. 24	268,190	111	19												
Odessa.....	Oct. 18	475,000	228	19							4	27	4	3	2	1
Palermo.....	Oct. 31	330,000	86	1												
Panama.....	Nov. 9	20,000														
Paris.....	Oct. 31	2,660,559	779	222												
Pernambuco.....	Sept. 30	200,000	272	42					15					11	6	6
Port au Prince.....	Oct. 26	60,000	14													1
Do.....	Nov. 2	60,000	22													
Do.....	Nov. 9	60,000	17													
Prague.....	Oct. 31	232,831	116	26											3	2
Puerto Cortez.....	Nov. 12	2,125	0													
Rehms.....	Nov. 1	108,385	31	6							1					
Rio de Janeiro.....	Oct. 18	900,000	356	61	22						2					
Sagua la Grande.....	Nov. 7	21,342	8	1												
St. Georges, Bermuda.....	Oct. 24	2,189														
Do.....	Oct. 31	2,189														
St. John, N. B.....	Nov. 14	40,711	13	2												
St. Petersburg.....	Oct. 24	1,450,000	627	109					1		15	10	16	11	10	
St. Stephen, N. B.....	Nov. 14	2,840														
St. Thomas.....	Oct. 16	11,012	7													
Do.....	Oct. 23	11,012	3													
Santa Cruz de Teneriffe.....	Oct. 24	36,550	14	1												
Do.....	Oct. 31	36,550	6													
Santander.....	Nov. 2	53,574	30													
Solingen.....	Oct. 31	15,142	11													
Southampton.....	Nov. 7	110,120	24	2										1		
South Shields.....	Oct. 31	105,325	44								1					
Stettin.....	Oct. 24	218,000	89										1	3		
Do.....	Oct. 31	218,000	93											4		
Stockholm.....	Oct. 24	305,115	85	10										2		2
Stuttgart.....	Nov. 7	194,049	59	1									1			1
Sunderland.....	Oct. 31	149,526	58	2										11		2
Tangier.....	do.....	40,000									1					
Tampico.....	Nov. 7	20,000	15													
Trapani.....	Oct. 31	61,477	13													
Trieste.....	do.....	186,348	73													
Tuxpan.....	Nov. 3	13,000	7								1					
Utiila.....	Oct. 17	932														
Do.....	Oct. 31	932														
Do.....	Nov. 7	932														
Venice.....	Oct. 10	166,522	49	6												
Do.....	Oct. 17	166,522	47	4												
Do.....	Oct. 24	166,522	54	5												
Do.....	Oct. 31	166,522	45	6							1					
Vera Cruz.....	Nov. 7	32,000	49	8												
Victoria.....	Oct. 10	21,000	8													
Do.....	Oct. 17	21,000	3								1					
Do.....	Oct. 24	21,000	2													
Do.....	Oct. 31	21,000	3													
Vienna.....	do.....	1,779,869	548	67							2		8			2
Winnipeg.....	Nov. 7	60,000									3					
Zurich.....	Oct. 31	160,000	48													1

By authority of the Secretary of the Treasury:

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