

PUBLIC HEALTH REPORTS.

UNITED STATES.

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

Summary of work in Chinatown, San Francisco, for the week ended September 3, 1904.

The following is received from Passed Assistant Surgeon Blue, under date of September 5:

Week ended September 3.

| | |
|--|-------|
| Buildings reinspected | 251 |
| Rooms | 1,668 |
| Persons inspected | 2,203 |
| Sick | 15 |
| Sick prescribed for at Oriental Dispensary | 12 |
| Dead examined | 6 |
| Necropsies | 3 |
| Rats examined bacteriologically | 89 |
| Number showing pest infection | 0 |
| Places limed and disinfected | 371 |
| Times streets swept | 3 |
| Sewers flushed | 17 |
| Blocks covered with Danysz virus and phosphorus poison | 0 |

Investigation of reported plague cases at Bisbee, Ariz.—Report unfounded.

Acting Assistant Surgeon Gustetter reports, August 23, as follows:

I have the honor to submit the following report of my visit to Bisbee in compliance with Bureau letter of August 10, 1904, directing me to visit Bisbee, Ariz., to investigate rumors as to the prevalence of bubonic plague in that place.

Upon my arrival at Bisbee I interviewed Doctor Broderick, the city and county health officer. He showed me the records of the Copper Queen Hospital covering the past six months. During the month of March, 1904, the records showed 18 cases of pneumonia, all of which presented only the typical signs and symptoms of pneumonia. Most of the men affected were alcoholics, and the mortality was about 30 per cent. The Doctor informed me that the number of pneumonia cases treated on the outside by private practitioners did not exceed 20 cases, and that the mortality of those cases was only a trifle higher.

Since March there have been only a few isolated cases of pneumonia. The doctors all seem to be at a loss to account for the popular rumor circulated to the effect that these cases died of "black heart" instead of pneumonia. They claim that there were no symptoms present except those ordinarily found in cases of pneumonia.

I visited all of the practicing physicians in Bisbee and they all gave me substantially the same information concerning the past and present conditions of Bisbee.

At the present time there seems to be considerable enteric fever. During July the hospital records showed sixteen (16) cases and during August to date six (6) cases. From the other physicians I learned that there have been about thirty (30) cases of enteric fever treated on the outside during this same period.

From a sanitary standpoint Bisbee is in a very bad condition. It has a population of about 12,000 people, who live in the gulches and upon the hillsides. The filth from the cesspools is washed down the hills into the gulches and through the heart of the city. The pumping station of Bisbee was washed away, and as a consequence there is a great scarcity of water. At the Copper Queen Hotel (the largest in Bisbee) there was no water to flush out the closets in the numerous lavatories, a condition that has existed nearly ten days, but which they claim will be remedied in a few more days.

The health officer is endeavoring to clean up the city, and he informed me that the city officials are considering the advisability of expending \$200,000 to construct a thorough sewerage system for Bisbee.

From the undertaker I learned that during July 8 bodies were buried and during August, to date, 5 bodies.

In conclusion I would state that I feel satisfied that the rumors referred to are without foundation, and that Bisbee at the present time is in its normal condition and not suffering from any epidemic disease.

Transactions on account of smallpox in northern Maine, Canadian border.

Report of sanitary work in the Madawaska region.

Acting Assistant Surgeon Hammond reports, through Surgeon Kalloch, as follows:

Week ended August 27, 1904: Number of cases smallpox under supervision, 2; of these, previously reported, 0; new cases, 2; houses under quarantine, 1; houses fumigated during week, 2; persons vaccinated, 4; miles of territory covered, 70.

Transactions on account of yellow fever at Laredo, Tex.—Conditions at Corpus Christi—Sanitary work.

Acting Assistant Surgeon MacGregor reports, through Passed Assistant Surgeon Richardson, as follows:

CORPUS CHRISTI, TEX., August 25, 1904.

I arrived at Corpus Christi this evening.

There is no change in the local situation.

I had a conversation with the mayor to-day, and he told me that the city was being cleaned up and all exposed water surfaces were being oiled, all weeds, etc., removed, with the idea of putting the city in sanitary condition.

I shall go to San Diego to-day and return here to-morrow. There are some cases from outlying ranches at San Diego that I consider, from reports received, worthy of investigation.

I also believe that I should watch closely all trains from Brownsville, as also the passengers from neighboring points on the Rio Grande River.

I would respectfully state that in my recent visit to Hebbronville I vaccinated 42 persons. During the inspection of that place I also caused to be oiled several cisterns and 7 barrels in which I found wigglers.

AUGUST 27, 1904.

I spent to-day inspecting Corpus Christi, in company with Mayor Segrest. We made a complete canvass of the city, finding many wigglers in cisterns and other water containers. The mayor promised to take immediate action in having these containers oiled. There are many old tanks now dry, but which in time of rain fill up and furnish breeding places for mosquitoes. These tanks, surface ground excavations, are to be filled up with earth and the surroundings sanitated.

There seems to be a more lively interest taken in the systematic cleaning of the town and warfare on the mosquito. The city ordinance fully provides for the enforcement of these measures, which the mayor promises to have carried out. The general health of the city is good.

I would respectfully suggest that I be permitted to inspect along the line of the San Antonio and Aransas Pass to Falfurrias, and along the line of the Brownsville Railroad to Kingsville and Sartia, if I hear of any suspicious sickness in that section.

Alice, San Diego, and other places along the Texas-Mexican Railway do not report any serious illness.

I shall return to San Diego Monday, and, being in touch with all points along the line, will visit each place as occasion requires.

Inspection of San Diego.

AUGUST 27, 1904.

I visited San Diego, where I found three new cases of continued or remittent fever, which have been sick for several days. There were no cases that could be diagnosed suspicious.

I shall remain here to-day, inspecting and gathering information.

Conditions at Rio Grande City—Inspection at ferries.

Acting Assistant Surgeon Dashiell reports, through Passed Assistant Surgeon Richardson, as follows:

RIO GRANDE CITY, TEX., *August 27, 1904.*

During the week ended August 26, 1904, 49 persons crossed the river from near-by points on the Mexican side. One man from Monterey was held for inspection, but finding that he would have difficulty in crossing he returned to Camargo, saying that he had no special object in coming to this side other than pleasure.

During the week we have inspected 361 houses, 523 water barrels, 7 oiled, owing to the presence of wigglers, and one more cistern was observed to have been properly screened and provided with a pump.

Upon receipt of advice from Washington, followed by directions from you, to see that boats along the river were looked after, the customs officers have arranged to have all boats tied up as soon as positive instructions come for such action.

The Surgeon-General inquired as to what could be procured here for detention camp, in the way of tents or buildings, in case such should be necessary. I replied that tents and complete camp outfit could be secured from Fort Ringgold, provided that the Department quartermaster authorized the issuing of the materials.

I vaccinated two Mexican children coming from Camargo, and bound for Alice, Tex.

I met the mayor of Camargo at the ferry on the 25th instant, and he offered me all assistance should I visit Camargo, assuring me that I would receive courteous treatment at any point I should visit in this vicinity.

Doctor Kennedy, of this place, reports a case of continued malarial fever, which he took the precaution to screen. The case is now of over three weeks' duration. Dr. Soliz will take me to-day to see two similar cases a short distance from town.

Summary of work at Laredo and New Laredo.

The following is received from Passed Assistant Surgeon Richardson, under date of September 6, 1904:

During week ended September 3, fumigated 24 houses containing 95 rooms and stocked 55 cisterns and wells with larvæ-eating fish; inspected 7,078 premises and oiled 1,650 water containers; maximum temperature, 103; rainfall, trace. Cock and force at Brownsville; MacGregor along line of Texas-Mexican. New Laredo reports, August 26 to September 4, 4,464 domiciliary visits; 172 water containers emptied, 72 oiled, and 29 premises cleared of rubbish.

INSPECTION SERVICE, MEXICAN BORDER.

Inspection at Nogales, Ariz.

Acting Assistant Surgeon Gustetter reports as follows: Week ended August 27, 1904. Passengers inspected, 102; immigrants inspected, 16; immigrants deported, 2.

Inspection at Eagle Pass, Tex.

Acting Assistant Surgeon Hume reports as follows:

| | Week ended August 27. |
|------------------------------|-----------------------------|
| Persons inspected | 275 |
| Persons held | 0 |
| Pullman cars fumigated | 7 |

Bags Pullman linen disinfected, 30.

Inspected on footbridge, 3,305 persons. Returned by State quarantine officer—by train, 6; by bridge, 33.

Inspection at El Paso, Tex.

Acting Assistant Surgeon Alexander reports as follows: Week ended August 27, 1904:

Inspection Mexican Central passengers, 236; inspection Mexican immigrants, 72; inspection special Syrians, 2; disinfection soiled linen imported for laundry work, 374 pieces; fumigation cattle hides imported from Mexico, 675; detention 2 days' passenger only 3 days out from

Veracruz; disinfection of baggage, passenger from Veracruz; vaccination of immigrant children, 6.

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

CONNECTICUT—*Stamford*.—Month of August, 1904. Estimated population, 18,000. Total number of deaths not reported. No deaths from contagious diseases reported.

ILLINOIS—*Belleville*.—Month of August, 1904. Estimated population, 19,000. Total number of deaths, 26, including whooping cough 1, and 2 from phthisis pulmonalis.

IOWA—*Keokuk*.—Month of July, 1904. Estimated population, 16,000. Total number of deaths, 16, including enteric fever 1, and 1 from tuberculosis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended August 27, 1904, from 87 observers, indicate that inflammation of kidneys, pleuritis, whooping cough, diphtheria, smallpox, inflammation of brain, and meningitis, were more than usually prevalent, and cholera morbus, dysentery, enteric fever, cholera infantum, intermittent fever, erysipelas, remittent fever, and measles were less than usually prevalent.

Meningitis was reported present at 1 place, pneumonia at 9, measles at 14, whooping cough at 17, diphtheria at 28, scarlet fever at 33, smallpox at 51, enteric fever at 77, and phthisis pulmonalis at 284 places.

Grand Rapids.—Month of July, 1904. Estimated population, 95,000. Total number of deaths, 86, including diphtheria 1, whooping cough 1, and 8 from tuberculosis.

MINNESOTA.—Reports to the State board of health for the month of January, 1904, from 53 localities, State institutions and other parts of the State, having an aggregate population of 1,751,395, show a total of 1,186 deaths, including diphtheria 22, enteric fever 27, measles 1, scarlet fever 31, whooping cough 3, smallpox 2, and 128 from tuberculosis.

Month of February, 1904. Total number of deaths, 1,488, including diphtheria 14, enteric fever 36, measles 4, scarlet fever 26, whooping cough 5, smallpox 2, and 155 from tuberculosis.

Month of March, 1904. Total number of deaths, 1,616, including diphtheria 25, enteric fever 41, measles 5, scarlet fever 29, whooping cough 5, smallpox 2, and 156 from tuberculosis.

Month of April, 1904. Total number of deaths, 1,381, including diphtheria 14, enteric fever 33, scarlet fever 8, whooping cough 3, smallpox 13, and 188 from tuberculosis.

Month of May, 1904. Total number of deaths, 1,476, including diphtheria 19, enteric fever 29, measles 3, scarlet fever 16, whooping cough 3, smallpox 8, and 194 from tuberculosis.

NEBRASKA—*Omaha*.—Month of May, 1904. Census population, 102,555. Total number of deaths, 91, including diphtheria 2, enteric fever 1, scarlet fever 1, smallpox 1, and 10 from tuberculosis.

Month of June, 1904. Total number of deaths, 79, including 7 from tuberculosis.

NEW HAMPSHIRE—*Franklin*.—Month of August, 1904. Estimated population, 6,000. Total number of deaths, 8. No deaths from contagious diseases.

VIRGINIA—*Pocahontas*.—Month of August, 1904. Census population, 2,789. Total number of deaths not reported. No deaths from contagious diseases reported.

WISCONSIN—*Milwaukee*.—Month of July, 1904. Estimated population, 325,000. Total number of deaths, 300, including diphtheria 2, enteric fever 1, measles 2, scarlet fever 2, and 42 from tuberculosis.

Report of immigration at Key West.

OFFICE OF THE COMMISSIONER OF IMMIGRATION,
Key West, Fla., August 29, 1904.

Report of arrivals of alien steerage passengers at Key West during the week ended August 27, 1904.

| Date of arrival. | Vessel. | Where from. | Number of aliens. |
|------------------|-----------------|-------------------|-------------------|
| 1904. | | | |
| Aug. 23 | Mascotte..... | Habana, Cuba..... | 16 |
| 25 | Miami..... | do..... | 18 |
| 26 | Martinique..... | do..... | 1 |
| 27 | Mascotte..... | do..... | 35 |

JULIUS OTTO,
Immigrant Inspector in Charge.

Report of immigration at New York.

OFFICE OF THE COMMISSIONER OF IMMIGRATION,
New York, August 29, 1904.

Number of alien immigrants who arrived at this port during the week ended August 27, 1904; also the names of vessels and ports from which they came.

| Date of arrival. | Vessel. | Where from. | Number of immigrants. |
|------------------|-------------------------|----------------------------------|-----------------------|
| Aug. 21 | Arabic..... | Liverpool and Queenstown..... | 230 |
| 21 | Astoria..... | Glasgow..... | 213 |
| 21 | Blücher..... | Hamburg..... | 451 |
| 21 | New York..... | Southampton..... | 706 |
| 22 | Oscar II..... | Copenhagen, etc..... | 591 |
| 22 | Byron..... | Rio de Janeiro, etc..... | 101 |
| 22 | Trinidad..... | Bermuda..... | 11 |
| 23 | Frieda..... | Naples, etc..... | 137 |
| 23 | Vaderland..... | Antwerp..... | 633 |
| 23 | Potsdam..... | Rotterdam..... | 613 |
| 23 | Fried. der Grosse..... | Bremen..... | 846 |
| 23 | Sicilian Prince..... | Naples..... | 372 |
| 23 | Mexico..... | Habana..... | 3 |
| 23 | Bark Benj. F. Hunt..... | Rosario, Argentine Republic..... | 1 |
| 24 | Prinzess Irene..... | Genoa and Naples..... | 340 |
| 24 | Citta di Napoli..... | do..... | 250 |
| 24 | Ultonia..... | Trieste, Fiume, etc..... | 424 |
| 24 | Lucania..... | Liverpool and Queenstown..... | 1 |
| 24 | Chas. Tiberghien..... | Hamburg..... | 1 |
| 24 | Bremen..... | Bremen..... | 1 |
| 25 | Deutschland..... | Hamburg..... | 252 |
| 25 | Graf Waldersee..... | do..... | 554 |
| 25 | Teutonic..... | Liverpool and Queenstown..... | 738 |
| 25 | Laurentian..... | Glasgow..... | 44 |
| 25 | British Princess..... | Antwerp..... | 12 |
| 25 | Hilary..... | Para..... | 5 |
| 26 | Perugia..... | Naples..... | 173 |
| 26 | Etruria..... | Demerara, etc..... | 50 |
| 26 | Fried. der Grosse..... | Bremen..... | 1 |
| 27 | St. Paul..... | Southampton..... | 737 |
| 27 | Celtic..... | Liverpool and Queenstown..... | 798 |
| 27 | Vigilancia..... | Habana, etc..... | 6 |
| | Total..... | | 9,295 |

JOSEPH MURRAY, Acting Commissioner.

Report of immigration at Philadelphia.

OFFICE OF COMMISSIONER OF IMMIGRATION,
Philadelphia, August 27, 1904.

Number of alien immigrants who arrived at this port during the week ended August 27, 1904; also name of vessel and port from which they came.

| Date of arrival. | Vessel. | Where from. | Number of aliens. |
|------------------|-----------------|--------------------------------|-------------------|
| Aug. 22 | Noordland | Liverpool and Queenstown | 260 |

J. L. HUGHES,
Acting Commissioner.

Inspection of immigrants.

MONTHLY.

| Place. | Month. | Number of immigrants passed. | Number of immigrants rejected. |
|--------------------------|-------------|------------------------------|--------------------------------|
| Detroit, Mich. | August | 35 | 3 |
| Galveston, Tex. | do | 140 | 0 |
| Key West, Fla. | do | 1 | 0 |
| Malone, N. Y. | do | 51 | 2 |
| New Orleans, La. | do | 126 | 2 |
| Newport News, Va. | do | 1 | 0 |
| Norfolk, Va. | do | 4 | 0 |
| Richford, Vt. | do | 9 | 0 |
| San Francisco, Cal. | June | 1,526 | 24 |
| | July | 1,706 | 22 |

α One held for diagnosis.

and inspection stations.

| Number. | Destination. | Treatment of vessel, passengers, and cargo. | Date of departure. | Remarks. | Vessels inspected and passed. |
|---------|-------------------|---|--------------------|---|-------------------------------|
| 1 | | | | No report | |
| 2 | | | | No report | |
| 3 | | | | 2 steamships spoken and passed. | |
| 4 | | | | 3 vessels spoken and passed | |
| 5 | | | | No report | |
| 6 | Brunswick | Disinfected | Aug. 27 | 1 vessel spoken and passed | 2 |
| 7 | | | | No report | |
| 8 | | | | No transactions | |
| 9 | | | | No report | |
| 10 | | | | No transactions | |
| 11 | | | | No report | |
| 12 | | | | | 1 |
| 13 | | | | No report | |
| 14 | | | | do | |
| 15 | | | | do | |
| 16 | | | | do | |
| 17 | | | | | 8 |
| 18 | | | | No transactions | |
| 19 | | | | do | |
| 20 | | | | | 4 |
| 21 | | | | No report | |
| 22 | | | | 3 vessels spoken and passed | 2 |
| 23 | Perth Amboy | Fumigated | Aug. 22 | | |
| 24 | | | | No report | |
| 25 | | | | do | |
| 26 | | | | | 2 |
| 27 | | | | No report | |
| 28 | | | | do | |
| 29 | | | | No transactions | |
| 30 | | | | 12 vessels spoken and passed: 6 steamships passed without inspection. | 1 |
| 31 | | | | | 2 |
| 32 | | | | 4 vessels spoken and passed. Temperature taken all on board Ger. ss. Hathor from Hamburg and Am. ss. City of Panama from Ancon. | 10 |
| 33 | | | | No transactions | |
| 34 | | | | do | |
| 35 | Pensacola | Fumigated and held to complete 5 days. | Aug. 24 | | |
| | do | Discharging ballast | | | |
| | do | Held to fumigate | | Surgeon removed to hospital, malarial fever. | |
| | do | do | | | |
| 36 | | | | | 3 |
| 37 | | | | No report | |
| 38 | | | | Vessel spoken and passed. | |
| 39 | | | | No report | |
| 40 | | | | | 3 |
| 41 | | | | No transactions | |
| 42 | | | | No transactions | |
| 43 | | | | | 5 |
| 44 | | | | | 1 |
| 45 | | | | No transactions | |
| 46 | | | | | 1 |
| 47 | | | | No transactions | |
| 48 | | | | do | |
| 49 | | | | No report | |
| 50 | | | | do | |
| 51 | | | | do | |
| 52 | | | | do | |
| 53 | | | | | |
| 54 | | | | | |
| 55 | | | | | |
| 56 | | | | | |
| 57 | | | | | |
| 58 | Genoa | Held in quarantine | Aug. 20 | 4 passengers from La Guayra, native Porto Ricans, immunes, allowed to land. | |

Reports from national quarantine

| Number. | Name of station. | Week ended— | Name of vessel. | Date of arrival. | Port of departure. |
|---------|---|-------------|---------------------------|------------------|--------------------|
| 54 | PORTO RICO—Continued. San Juan | Aug. 20 | U. S. S. Gloucester. | Aug. 19 | St. Thomas |
| | Subports— | | | | |
| 55 | Aguadilla | do .. | ..... | ..... | ..... |
| 56 | Arecibo | do .. | ..... | ..... | ..... |
| 57 | Arroyo | do .. | ..... | ..... | ..... |
| 58 | Fajardo | do .. | ..... | ..... | ..... |
| 59 | Humacao | do .. | ..... | ..... | ..... |
| 60 | Mayaguez | do .. | ..... | ..... | ..... |

Reports from State and

| Number. | Name of station. | Week ending— | Name of vessel. | Date of arrival. | Port of departure. |
|---------|---------------------------------|--------------|-----------------|------------------|--------------------|
| 1 | Baltimore, Md | Sept. 3 | ..... | ..... | ..... |
| 2 | Bangor, Me | do .. | ..... | ..... | ..... |
| 3 | Boston, Mass | do .. | ..... | ..... | ..... |
| 4 | Charleston, S. C | Aug. 27 | ..... | ..... | ..... |
| 5 | Elizabeth River, Va | Sept. 3 | ..... | ..... | ..... |
| 6 | Galveston, Tex | Aug. 27 | ..... | ..... | ..... |
| 7 | Gardiner, Oreg | do .. | ..... | ..... | ..... |
| 8 | Marcushook, Pa | Sept. 2 | ..... | ..... | ..... |
| 9 | Mobile Bay, Ala | Aug. 27 | ..... | ..... | ..... |
| 10 | New Bedford, Mass | Sept. 2 | ..... | ..... | ..... |
| 11 | New Orleans, La | Aug. 20 | ..... | ..... | ..... |
| 12 | Newport News, Va | Sept. 2 | ..... | ..... | ..... |
| 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 | do .. | ..... | ..... | ..... |
| 18 | Quintana, Tex | do .. | ..... | ..... | ..... |
| 19 | Sabine Pass, Tex | do .. | ..... | ..... | ..... |
| 20 | St. Helena Entrance, S. C | do .. | ..... | ..... | ..... |

and inspection stations—Continued.

| Number. | Destination. | Treatment of vessel, passengers, and cargo. | Date of departure. | Remarks. | Vessels inspected and passed. |
|---------|--------------|---|--------------------|----------------------|-------------------------------|
| 54 | Orders | Passed on medical officer's certificate. | Aug. 19 | ..... | 3 |
| 55 | | | | No transactions..... | ..... |
| 56 | | | |do..... | ..... |
| 57 | | | |do..... | ..... |
| 58 | | | | | 1 |
| 59 | | | | No transactions..... | ..... |
| 60 | | | | | 2 |

municipal quarantine stations.

| Number. | Destination. | Treatment of vessel, passengers, and cargo. | Date of departure. | Remarks. | Vessels inspected and passed. |
|---------|--------------|---|--------------------|-----------------|-------------------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | 1 |
| 5 | | | | | |
| 6 | | | | No report ..... | ..... |
| 7 | | | | | |
| 8 | | | | No report ..... | ..... |
| 9 | | | |do..... | ..... |
| 10 | | | |do..... | ..... |
| 11 | | | |do..... | ..... |
| 12 | | | |do..... | ..... |
| 13 | | | |do..... | ..... |
| 14 | | | |do..... | ..... |
| 15 | | | |do..... | ..... |
| 16 | | | |do..... | ..... |
| 17 | | | |do..... | ..... |
| 18 | | | |do..... | ..... |
| 19 | | | |do..... | ..... |
| 20 | | | |do..... | ..... |

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 25 to September 9, 1904.

For reports received from December 26, 1903, to June 24, 1904, see PUBLIC HEALTH REPORTS for June 24, 1904.

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

| Place. | Date. | Cases. | Deaths. | Remarks. |
|--|-----------------|--------|---------|----------|
| California: | | | | |
| San Francisco..... | June 13-July 3 | 2 | ..... |  |
| Total for State | | 2 | ..... |  |
| Total for State, same period, 1903. | | 35 | ..... |  |
| Colorado: | | | | |
| Boulder County..... | May 1-July 31 | 18 | ..... |  |
| Chaffee County..... | May 1-July 31 | 2 | ..... |  |
| Cheyenne County..... | May 1-31..... | 1 | ..... |  |
| Clear Creek County..... | May 1-31..... | 1 | ..... |  |
| Denver County..... | May 1-Aug. 17 | 21 | ..... |  |
| El Paso County..... | July 1-31..... | 1 | ..... |  |
| Fremont County..... | July 1-31..... | 3 | ..... |  |
| Garfield County..... | July 1-31..... | 1 | ..... |  |
| Gilpin County..... | May 1-31..... | 1 | ..... |  |
| Lake County..... | May 1-July 31 | 3 | ..... |  |
| Larimer County..... | May 1-July 31 | 63 | ..... |  |
| Las Animas County..... | May 1-July 31 | 3 | ..... |  |
| Otero County..... | May 1-31..... | 1 | ..... |  |
| Pueblo County..... | May 1-July 31 | 5 | ..... |  |
| Sedgewick County..... | May 1-31..... | 1 | ..... |  |
| Teller County..... | May 1-31..... | 1 | ..... |  |
| Weld County..... | May 1-July 31 | 22 | ..... |  |
| Total for State | | 148 | ..... |  |
| Total for State, same period, 1903. | | 834 | ..... |  |
| Delaware | June 26-July 2 | 1 | ..... |  |
| Total for State | | 1 | ..... |  |
| Total for State, same period, 1902. |  |  | ..... |  |
| District of Columbia: | | | | |
| Washington..... | June 19-Aug. 27 | 5 | 4 | |
| Total for District..... | | 5 | 4 | |
| Total for District, same period, 1903. |  |  | ..... |  |
| Florida: | | | | |
| Jacksonville..... | June 12-July 16 | 3 | ..... |  |
| At large..... | June 19-July 30 | 42 | 2 | |
| Total for State | | 45 | 2 | |
| Total for State, same period, 1903. |  |  | ..... |  |
| Georgia: | | | | |
| Macon..... | June 12-July 20 | 7 | ..... |  |
| Total for State | | 7 | ..... |  |
| Total for State, same period, 1903. | | 8 | ..... |  |
| Illinois: | | | | |
| Belleville..... | June 1-Aug. 31 | 48 | 3 | |
| Chicago..... | June 19-Aug. 27 | 52 | ..... |  |
| Danville..... | June 19-July 30 | 14 | ..... |  |
| Peoria..... | July 1-31..... | 4 | ..... |  |
| Springfield..... | July 12-30..... | 8 | ..... |  |
| Total for State | | 126 | 3 | |
| Total for State, same period, 1903. | | 83 | 5 | |
| Indiana: | | | | |
| At large..... | July 1-31..... | | 5 | |
| Total for State | | | 5 | |
| Total for State, same period, 1903. | | 833 | 15 | |
| Iowa: | | | | |
| Blackhawk County..... | June 1-30..... | 2 | ..... |  |
| Bremer County..... | June 1-30..... | 1 | ..... |  |

Smallpox in the United States, etc.—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-------------------------------------|--------------------|--------|---------|----------------------|
| Iowa—Continued. | | | | |
| Carroll County..... | June 1-30..... | 1 | | One case imported. |
| Clinton County (Clinton included.) | June 1-July 30 | 7 | ..... |  |
| Grundy County..... | June 1-30..... | 3 | ..... |  |
| Ida County..... | June 1-30..... | 1 | ..... |  |
| Jones County (Anamosa included). | June 1-30..... | 8 | ..... |  |
| Mahaska County..... | June 1-30..... | 1 | ..... |  |
| Polk County..... | June 1-30..... | 4 | ..... |  |
| Tama County..... | June 1-30..... | 2 | ..... |  |
| Total for State..... | | 30 | | |
| Total for State, same period, 1903. | | 56 | | |
| Kansas: | | | | |
| Allen County..... | Apr. 1-July 1..... | 3 | | |
| Atchison County..... | Apr. 1-July 1..... | 1 | ..... |  |
| Barton County..... | Apr. 1-July 1..... | 5 | ..... |  |
| Bourbon County..... | Apr. 1-July 1..... | 8 | ..... |  |
| Cowley County..... | Apr. 1-July 1..... | 5 | ..... |  |
| Cherokee County..... | Apr. 1-July 1..... | 31 | ..... |  |
| Crawford County..... | Apr. 1-July 1..... | 6 | ..... |  |
| Dickinson County..... | Apr. 1-July 1..... | 16 | ..... |  |
| Doniphan County..... | Apr. 1-July 1..... | 13 | ..... |  |
| Douglas County..... | Apr. 1-July 1..... | 11 | ..... |  |
| Ellis County..... | Apr. 1-July 1..... | 19 | ..... |  |
| Harvey County..... | Apr. 1-July 1..... | 8 | ..... |  |
| Jackson County..... | Apr. 1-July 1..... | 1 | ..... |  |
| Johnson County..... | Apr. 1-July 1..... | 2 | ..... |  |
| Kingman County..... | Apr. 1-July 1..... | 1 | ..... |  |
| Labette County..... | Apr. 1-July 1..... | 31 | ..... |  |
| Leavenworth County..... | Apr. 1-July 1..... | 12 | ..... |  |
| Lyon County..... | Apr. 1-July 1..... | 6 | ..... |  |
| Marshall County..... | Apr. 1-July 1..... | 1 | ..... |  |
| Montgomery County..... | Apr. 1-July 1..... | 4 | ..... |  |
| Pratt County..... | Apr. 1-July 1..... | 1 | ..... |  |
| Saline County..... | Apr. 1-July 1..... | 35 | ..... |  |
| Sherman County..... | Apr. 1-July 1..... | 4 | ..... |  |
| Sumner County..... | Apr. 1-July 1..... | ..... | ..... |  |
| Washington County..... | Apr. 1-July 1..... | 1 | ..... |  |
| Total for State..... | ..... | 225 | ..... |  |
| Total for State, same period, 1903. | ..... | ..... | ..... |  |
| Kentucky: | | | | |
| Covington..... | June 26-July 23 | 4 | | |
| Total for State..... | ..... | 4 | ..... |  |
| Total for State, same period, 1903. | ..... | ..... | ..... |  |
| Louisiana: | | | | |
| Baton Rouge..... | July 24-30..... | 3 | | Four cases imported. |
| New Orleans..... | June 12-Aug. 27. | 40 | ..... |  |
| Total for State..... | ..... | 43 | ..... |  |
| Total for State, same period, 1903. | ..... | 21 | 1 | |
| Maine: | | | | |
| Madawaska Region..... | June 19-Aug. 6.. | 38 | | |
| Total for State..... | ..... | 38 | ..... |  |
| Total for State, same period, 1903. | ..... | 25 | ..... |  |
| Maryland: | | | | |
| Baltimore..... | June 19-25..... | 2 | | |
| Total for State..... | ..... | 2 | ..... |  |
| Total for State, same period, 1903. | ..... | 48 | 7 | |
| Massachusetts: | | | | |
| Fitchburg..... | July 3-23..... | 2 | | |
| Lawrence..... | June 19-25..... | 1 | ..... |  |
| North Adams..... | July 3-Aug. 27.. | 21 | 2 | |
| Total for State..... | ..... | 24 | 2 | |
| Total for State, same period, 1903. | ..... | 63 | 2 | |

Smallpox in the United States, etc.—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|--|---------------------|--------|---------|----------|
| Michigan: | | | | |
| Detroit..... | June 12-July 23 | 8 | ..... |  |
| Grand Rapids..... | Aug. 7-20..... | 2 | ..... |  |
| Total for State | | 10 | ..... |  |
| Total for State, same period, 1903. | | 109 | 5 | |
| Minnesota: | | | | |
| Aitkin County | Aug. 2-8..... | 1 | ..... |  |
| Becker County | June 21-July 11.. | 4 | ..... |  |
| Beltrami County | July 19-25..... | 2 | ..... |  |
| Bigstone County | July 12-Aug. 1.... | 2 | ..... |  |
| Brown County | July 12-Aug. 15.. | 5 | ..... |  |
| Cass County..... | July 12-18..... | 1 | ..... |  |
| Crow Wing County | July 5-Aug. 8.... | 2 | ..... |  |
| Dakota County..... | June 14-20..... | 1 | ..... |  |
| Douglas County..... | June 21-27..... | 2 | ..... |  |
| Fillmore County | June 28-July 25.. | 10 | ..... |  |
| Hennepin County | June 21-July 11.. | 6 | ..... |  |
| Hubbard County..... | June 14-Aug. 8.... | 5 | ..... |  |
| Isanti County..... | July 26-Aug. 1.... | 1 | ..... |  |
| Itasca County..... | July 12-18..... | 1 | ..... |  |
| Kanabec County..... | June 14-Aug. 22.. | 19 | ..... |  |
| Martin County..... | July 5-25..... | 2 | ..... |  |
| Morrison County..... | June 28-July 5.... | 11 | ..... |  |
| Murray County..... | June 14-20..... | 2 | ..... |  |
| Norman County..... | June 14-27..... | 4 | ..... |  |
| Olmstead County | June 28-July 25.. | 9 | ..... |  |
| Pine County..... | June 28-July 5.... | 1 | ..... |  |
| Rice County..... | June 14-July 5.... | 2 | ..... |  |
| St. Louis County..... | June 28-Aug. 15.. | 4 | ..... |  |
| Stearns County | June 14-July 25.. | 26 | ..... |  |
| Stevens County..... | July 5-Aug. 22.... | 3 | ..... |  |
| Swift County..... | July 26-Aug. 1.... | 1 | ..... |  |
| Todd County..... | June 28-Aug. 22.. | 8 | ..... |  |
| Washington County..... | June 14-20..... | 1 | ..... |  |
| Winona County..... | Aug. 9-22..... | 2 | ..... |  |
| Wright County..... | June 28-Aug. 8.... | 5 | ..... |  |
| Total for State | | 143 | ..... |  |
| Total for State, same period, 1903. | | 323 | 6 | |
| Missouri: | | | | |
| St. Louis..... | June 12-Aug. 27.. | 35 | 1 | |
| Total for State | | 35 | 1 | |
| Total for State, same period, 1903. | | 30 | ..... |  |
| Montana: | | | | |
| Beaverhead County | Apr. 1-June 30... 1 | 1 | ..... |  |
| Choteau County | Apr. 1-June 30... 1 | 1 | ..... |  |
| Flathead County | Apr. 1-June 30... 3 | 3 | ..... |  |
| Gallatin County | Apr. 1-June 30... 1 | 1 | ..... |  |
| Madison County | Apr. 1-June 30... 1 | 1 | ..... |  |
| Missoula County | Apr. 1-June 30... 1 | 1 | ..... |  |
| Silverbow County..... | Apr. 1-June 30... 3 | 3 | ..... |  |
| Sweet Grass County..... | Apr. 1-June 30... 1 | 1 | ..... |  |
| Valley County | Apr. 1-June 30... 1 | 1 | ..... |  |
| Total for State | | 13 | ..... |  |
| Total for State, same period, 1903. | | 1 | ..... |  |
| Nebraska: | | | | |
| Omaha..... | June 12-Aug. 13.. | 13 | ..... |  |
| South Omaha | June 12-July 9.... | 4 | ..... |  |
| Total for State | | 17 | ..... |  |
| Total for State, same period, 1903. | | 9 | ..... |  |
| New Hampshire: | | | | |
| Manchester..... | June 12-Aug. 6.... | 18 | ..... |  |
| Total for State | | 18 | ..... |  |
| Total for State, same period, 1903. | | 19 | ..... |  |

Smallpox in the United States, etc.—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-------------------------------------|-------------------|--------|---------|---|
| New Jersey: | | | | |
| Jersey City..... | June 13-24..... | 4 | | One imported from Baltimore. |
| Total for State | | 4 | | |
| Total for State, same period, 1903. | | 33 | 5 | |
| New York: | | | | |
| Buffalo..... | June 12-July 16.. | 3 | | |
| Cuba..... | May 1-30..... | | 1 | |
| New York..... | June 19-Aug. 13 | 9 | 2 | |
| Niagara Falls..... | June 19-July 16.. | 2 | 1 | |
| Yonkers..... | May 1-30..... | | 1 | |
| Total for State | | 14 | 5 | |
| Total for State, same period, 1903. | | 4 | | |
| North Carolina: | | | | |
| Alamance County..... | May 1-31..... | 2 | | May 1, 1903, to May 1, 1904 5,370 cases, 69 deaths. No. for June not given. |
| Alleghany County..... | May 1-31..... | 7 | | |
| Anson County..... | May 1-June 30 | 3 | | |
| Ashe County..... | May 1-June 30 | 65 | | |
| Bladen County..... | June 1-30..... | 12 | | |
| Buncombe County..... | May 1-June 30 | 28 | | |
| Burke County..... | June 1-30..... | 3 | | |
| Cabarrus County..... | June 1-30..... | 1 | | |
| Catawba County..... | May 1-June 30 | 6 | | |
| Chatham County..... | May 1-31..... | 14 | | |
| Cleveland County..... | May 1-June 30 | 4 | | |
| Davidson County..... | May 1-June 30 | 3 | | |
| Davie County..... | June 1-30..... | 1 | | |
| Duplin County..... | May 1-31..... | 1 | | |
| Durham County..... | May 1-June 30 | 7 | | |
| Forsyth County..... | May 1-June 30 | 25 | | |
| Gaston County..... | May 1-June 30 | 13 | | |
| Guilford County..... | May 1-June 30 | 23 | | |
| Haywood County..... | June 1-30..... | 4 | | |
| Henderson County..... | May 1-31..... | 1 | | |
| Jackson County..... | June 1-30..... | 30 | | |
| Johnston County..... | May 1-31..... | 2 | | |
| Mecklenburg County..... | May 1-31..... | 1 | | |
| Mitchell County..... | May 1-June 30 | 1 | | No. for June not given. |
| Nash County..... | May 1-31..... | 1 | | |
| New Hanover County..... | May 1-31..... | 1 | | |
| Person County..... | May 1-June 30 | 33 | | |
| Pitt County..... | May 1-June 30 | 5 | | |
| Richmond County..... | May 1-31..... | 4 | | |
| Robeson County..... | June 1-30..... | 25 | | |
| Rockingham County..... | June 1-30..... | 8 | | |
| Rutherford County..... | May 1-31..... | 2 | | |
| Scotland County..... | June 1-30..... | 2 | | |
| Stanly County..... | May 1-31..... | 2 | | |
| Surry County..... | June 1-30..... | 13 | | |
| Swain County..... | May 1-31..... | 8 | | |
| Wake County..... | June 1-30..... | 1 | | |
| Washington County..... | May 1-31..... | 1 | | |
| Wilkes County..... | May 1-June 30. | 12 | | |
| Total for State | | 375 | | |
| Total for State, same period, 1903. | | 262 | | |
| North Dakota: | | | | |
| Bottineau County..... | May 1-31..... | 9 | | |
| Cass County..... | May 1-June 30. | 12 | | |
| Grand Forks County..... | May 1-31..... | 2 | | |
| McHenry County..... | July 1-31..... | | 1 | |
| Pembina County..... | July 1-31..... | 3 | | |
| Ransom County..... | May 1-31..... | 6 | 1 | |
| Stutsman County..... | May 1-31..... | 2 | | |
| Traill County..... | May 1-July 31 | 10 | | |
| Walsh County..... | May 1-31..... | 21 | | |
| Wells County..... | June 1-30..... | 1 | | |
| Total for State | | 67 | 2 | |
| Total for State, same period, 1903. | | 92 | | |
| Ohio: | | | | |
| Adams County..... | Apr. 10-July 2.. | 1 | | |
| Ashtabula County..... | Apr. 10-July 2.. | 1 | | |
| Athens County..... | Apr. 10-July 2.. | 70 | | |
| Belmont County..... | Apr. 10-July 2.. | 8 | | |

Smallpox in the United States, etc.—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|--|-------------------|--------|---------|----------|
| Ohio—Continued. | | | | |
| Butler County | Apr. 10-July 2.. | 4 | | |
| Carroll County | Apr. 10-July 2.. | 11 | | |
| Champaign County | Apr. 10-July 2.. | 2 | | |
| Clark County | Apr. 10-July 2.. | 3 | | |
| Columbiana County | Apr. 10-July 2.. | 5 | | |
| Coshocton County | Apr. 10-July 2.. | 96 | | |
| Crawford County | Apr. 10-July 2.. | 41 | | |
| Cuyahoga County | Apr. 10-July 2.. | 35 | 3 | |
| Franklin County | Apr. 10-July 2.. | 78 | | |
| Fulton County | Apr. 10-July 2.. | 7 | | |
| Gallia County | Apr. 10-July 2.. | 2 | | |
| Guernsey County | Apr. 10-July 2.. | 32 | | |
| Hamilton County | June 18-Aug. 26.. | 9 | 1 | |
| Hardin County | Apr. 10-July 2.. | 1 | | |
| Hocking County | Apr. 10-July 2.. | 92 | 1 | |
| Holmes County | Apr. 10-July 2.. | 3 | | |
| Jackson County | Apr. 10-July 2.. | 1 | | |
| Knox County | Apr. 10-July 2.. | 1 | | |
| Lawrence County | Apr. 10-July 2.. | 60 | 4 | |
| Licking County | Apr. 10-July 2.. | 24 | | |
| Lorain County | Apr. 10-July 2.. | 3 | 1 | |
| Lucas County | Apr. 10-Aug. 13.. | 13 | | |
| Mahoning County | Apr. 10-July 2.. | 47 | | |
| Marion County | Apr. 10-July 2.. | 24 | 1 | |
| Miami County | Apr. 10-July 2.. | 7 | | |
| Montgomery County | Apr. 10-July 2.. | 122 | 17 | |
| Morgan County | Apr. 10-July 2.. | 12 | | |
| Morrow County | Apr. 10-July 2.. | 1 | | |
| Muskingum County | Apr. 10-July 2.. | 16 | | |
| Noble County | Apr. 10-July 2.. | 88 | | |
| Ottawa County | Apr. 10-July 2.. | 37 | | |
| Perry County | Apr. 10-July 2.. | 53 | 2 | |
| Putnam County | Apr. 10-July 2.. | 1 | | |
| Richland County | Apr. 10-July 2.. | 3 | | |
| Ross County | Apr. 10-July 2.. | 23 | | |
| Scioto County | Apr. 10-July 2.. | 3 | | |
| Shelby County | Apr. 10-July 2.. | 55 | | |
| Stark County | Apr. 10-July 2.. | 9 | | |
| Summit County | Apr. 10-July 2.. | 2 | | |
| Trumbull County | Apr. 10-July 2.. | 1 | | |
| Tuscarawas County | Apr. 10-July 2.. | 30 | | |
| Van Wert County | Apr. 10-July 2.. | 1 | | |
| Vinton County | Apr. 10-July 2.. | 1 | | |
| Warren County | Apr. 10-July 2.. | 7 | | |
| Washington County | Apr. 10-July 2.. | 7 | 1 | |
| Williams County | Apr. 10-July 2.. | 64 | | |
| Wood County | Apr. 10-July 2.. | 1 | | |
| Wyandot County | Apr. 10-July 2.. | 4 | | |
| Total for State | | 1,222 | 31 | |
| Total for State, same period, 1903. | | 59 | 2 | |
| Pennsylvania: | | | | |
| Allegheny County | June 19-25. | 2 | | |
| Blair County | June 19-July 2.. | 2 | | |
| Cambria County | June 19-Aug. 6.. | 6 | | |
| Dauphin County | June 26-July 16.. | 2 | | |
| Lycoming County | July 3-23 | 2 | | |
| Philadelphia County | June 19-Aug. 20 | 12 | 2 | |
| Total for State | | 26 | 2 | |
| Total for State, same period, 1903. | | 1,380 | 147 | |
| South Carolina: | | | | |
| Charleston | June 12-Aug. 20 | 2 | | |
| Total for State | | 2 | | |
| Total for State, same period, 1903. | | 27 | 2 | |
| Tennessee: | | | | |
| Memphis | June 12-July 23 | 18 | 1 | |
| Nashville | June 26-Aug. 20 | 5 | | |
| Total for State | | 23 | 1 | |
| Total for State, same period, 1903. | | 11 | | |

Smallpox in the United States, etc.—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-------------------------------------|-------------------|--------|---------|----------|
| Texas: | | | | |
| San Antonio | June 1-30..... | 1 | ..... |  |
| Total for State | | 1 | ..... |  |
| Total for State, same period, 1903. | | 14 | ..... |  |
| Utah: | | | | |
| Ogden | May 1-June 30 | 5 | ..... |  |
| Seven localities not named.... | July 1-31 | 26 | ..... |  |
| Total for State | | 31 | ..... |  |
| Total for State, same period, 1903. | | 40 | ..... |  |
| Washington: | | | | |
| Adams County | May 1-31..... | 4 | ..... |  |
| Clarke County | June 1-30..... | 1 | ..... |  |
| Cowlitz County | May 1-31..... | 1 | ..... |  |
| King County (Seattle included) | May 1-July 31.... | 24 | ..... |  |
| Lincoln County | May 1-31..... | 4 | ..... |  |
| Pierce County (Tacoma included). | May 1-July 31.... | 8 | 1 | |
| Skagit County | June 1-30..... | 1 | ..... |  |
| Snohomish County..... | May 1-July 31.... | 4 | ..... |  |
| Spokane County (Spokane included). | May 1-July 31.... | 21 | 3 | |
| Walla Walla County | June 1-30..... | 1 | ..... |  |
| Whitman County | May 1-June 30.... | 6 | 1 | |
| Yakima County | May 1-June 30.... | 5 | ..... |  |
| Total for State | | 80 | 5 | |
| Total for State, same period, 1903. | | 115 | ..... |  |
| Wisconsin: | | | | |
| Milwaukee | June 12-Aug. 13. | 31 | ..... |  |
| Total for State | | 31 | ..... |  |
| Total for State, same period, 1903. | | 1,632 | 11 | |
| Grand total | | 2,812 | 63 | |
| Grand total, same period, 1903. | | 6,232 | 215 | |

Plague in the United States, as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 25 to September 9, 1904.

California. Summary: Calendar year, 1900, 22 cases, 22 deaths; 1901, 30 cases, 25 deaths; 1902, 41 cases, 41 deaths; 1903, 17 cases, 17 deaths; six months ended July 1, 1904, 8 deaths and 1 recovery.

Yellow fever in the United States, as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 25 to September 9, 1904.

Six cases reported at Laredo, Tex. (including 1 imported from Minera), during the six months ended July 1, 1904.

| Cities. | Week ended— | Population United States census of 1900. | Total deaths from all causes. | Deaths from— | | | | | | | | | | | | |
|---------------------|-------------|--|-------------------------------|---------------|---------------|-----------|-----------|----------|---------------|----------------|----------------|------------|----------|-----------------|---|---|
| | | | | Tuberculosis. | Yellow fever. | Smallpox. | Varicoid. | Cholera. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria | Measles. | Whooping cough. | | |
| Brockton, Mass. | Aug. 27 | 40,063 | 7 | | | | | | | | | | | | | |
| Camden, S. C. | do. | 2,441 | 1 | | | | | | | | | | | | | |
| Charleston, S. C. | do. | 55,807 | 25 | 1 | | | | | | | | | | | | |
| Chelsea, Mass. | do. | 34,072 | 10 | 1 | | | | | | | | | | | | |
| Chicago, Ill. | do. | 1,498,575 | 472 | 52 | | | | | | | | | | | | |
| Cincinnati, Ohio | Aug. 26 | 325,902 | 106 | 15 | | | | | | 8 | | 2 | | 6 | | 2 |
| Cleveland, Ohio | Aug. 27 | 381,766 | 113 | 8 | | | | | | 2 | | 1 | | 1 | | |
| Danville, Ill. | do. | 16,354 | 8 | | | | | | | 1 | | | | | | |
| Dunkirk, N. Y. | Aug. 21 | 11,616 | 10 | | | | | | | | | 2 | | | | |
| Eric, Pa. | Aug. 26 | 52,733 | 22 | 2 | | | | | | | | | | 1 | | |
| Everett, Mass. | Aug. 27 | 24,336 | 4 | | | | | | | | | | | | | |
| Fitchburg, Mass. | do. | 31,531 | 8 | 2 | | | | | | | | | | | | |
| Galesburg, Ill. | do. | 18,607 | 3 | | | | | | | | | | | | | |
| Homestead, Pa. | Aug. 28 | 12,554 | 5 | | | | | | | | | | | | | |
| Hyde Park, Mass. | Aug. 27 | 13,244 | 6 | 1 | | | | | | | | | | | | |
| Ithaca, N. Y. | do. | 13,136 | 4 | | | | | | | | | | | | | |
| Jacksonville, Fla. | do. | 28,429 | 23 | 1 | | | | | | | | | | | | |
| Jersey City, N. J. | Aug. 28 | 206,433 | 68 | 11 | | | | | | | | | | | | |
| Kokomo, Ind. | Aug. 27 | 10,609 | 3 | | | | | | | | | | | 2 | 1 | |
| Lawrence, Mass. | do. | 62,559 | 31 | 2 | | | | | | | | | | | | |
| Lynn, Mass. | do. | 68,513 | 15 | 3 | | | | | | | | | | | | |
| Macon, Ga. | do. | 22,746 | 5 | 1 | | | | | | | | | | | | |
| Malden, Mass. | do. | 33,664 | 10 | 1 | | | | | | | | | | | | |
| Manchester, N. H. | do. | 56,987 | 23 | 3 | | | | | | | | | | | | |
| Marlboro, Mass. | do. | 13,609 | 5 | | | | | | | | | | | | | 1 |
| Newburyport, Mass. | Aug. 27 | 14,478 | 4 | | | | | | | | | | | | | |
| New Orleans, La. | do. | 287,104 | 117 | 20 | | | | | | 5 | | | | | | |
| Newport, R. I. | do. | 22,034 | 9 | | | | | | | | | | | | | |
| New York, N. Y. | do. | 3,437,202 | 147 | | | | | | | 27 | | 2 | 25 | 4 | | 6 |
| North Adams, Mass. | do. | 24,200 | 5 | | | | | | | | | | | | | |
| Northampton, Mass. | do. | 18,643 | 7 | | | | | | | | | | | | | |
| Omaha, Nebr. | Aug. 20 | 102,555 | 27 | | | | | | | | | | | | | |
| Do | Aug. 27 | 102,555 | 28 | | | | | | | | | | | | | |
| Oneonta, N. Y. | do. | 7,147 | 4 | | | | | | | | | | | | | |
| Pittsburg, Pa. | Aug. 20 | 321,616 | 113 | 11 | | | | | | 7 | | | | | | 1 |
| Do | Aug. 27 | 321,616 | 120 | 8 | | | | | | 14 | | 1 | 1 | | | 4 |
| Portland, Me. | do. | 50,145 | 13 | 2 | | | | | | | | | 2 | 1 | | |
| Quincy, Mass. | do. | 23,899 | 7 | 2 | | | | | | 1 | | | | | | |
| San Francisco, Cal. | Aug. 20 | 342,782 | 122 | 11 | | | | | | | | | | | | |
| Santa Barbara, Cal. | do. | 6,587 | 4 | 1 | | | | | | | | | | | | |
| Seaside, La. | Aug. 27 | 16,013 | 14 | 1 | | | | | | | | | | | | |
| South Bend, Ind. | do. | 35,999 | 15 | 1 | | | | | | | | | | | | |

FOREIGN AND INSULAR.

AUSTRALIA.

*Plague bulletins from Queensland, Sydney, and Western Australia—
Examination of rats for plague infection.*

Consul-General Bray, at Melbourne, forwards the following:

DEPARTMENT OF PUBLIC HEALTH, QUEENSLAND,
Brisbane, July 9, 1904.

Plague bulletin No. 22, for the week ended 12 o'clock noon, Saturday,
July 9, 1904:

No case of plague has occurred in Queensland since June 12.

MARYBOROUGH TEMPORARY PLAGUE HOSPITAL.

The patient in this hospital, who is convalescent, will probably be discharged next week.

The number of cases of plague that have occurred in Queensland during the year is as follows:

| | |
|-------------------|----|
| Brisbane | 25 |
| Maryborough | 2 |
| Cairns | 2 |

RATS AND MICE.

BRISBANE.

| | |
|--|------|
| Rats examined at Bacteriological Institute | 266 |
| Rats infected | 22 |
| Mice examined at Bacteriological Institute | 64 |
| Mice infected | Nil. |
| Rats destroyed | 134 |
| Mice destroyed | 428 |
| Total number of rats and mice destroyed | 914 |

IPSWICH.

| | |
|--|----|
| Rats examined at Bacteriological Institute | 64 |
| Rats infected | 7 |

JOHN THOMSON, *Deputy Commissioner.*

BRISBANE, *July 16, 1904.*

Plague bulletin No. 23, for the week ended 12 o'clock noon, Saturday, July 16, 1904:

The last case of plague in man occurred in this State on June 12 last and the last plague-infected rat on July 11.

RATS AND MICE.

Bulletin for the week ended Friday, July 15, 1904:

| | |
|--|-------|
| Rats examined at Bacteriological Institute | 426 |
| Rats infected | 4 |
| Mice examined at Bacteriological Institute | 58 |
| Mice infected | Nil. |
| Rats destroyed | 179 |
| Mice destroyed | 418 |
| Total number of rodents destroyed | 1,085 |

B. BURNETT HAM,
Commissioner of Public Health.

BRISBANE, July 24, 1904.

Plague bulletin No. 24 for the week ended 12 o'clock noon, Saturday, July 23, 1904.

The last case of plague in man occurred in this State on June 12 last, and the last plague-infected rat was found on the 21st instant.

MICE AND RATS.

BRISBANE.

Bulletin for week ended Friday, July 22, 1904:

| | |
|--|-----|
| Rats examined at Bacteriological Institute | 208 |
| Rats infected | 3 |
| Mice examined at Bacteriological Institute | 60 |
| Mice infected | 0 |
| Rats destroyed | 42 |
| Mice destroyed | 70 |

| | |
|---|-----|
| Total number of rodents destroyed | 383 |
|---|-----|

During the week one infected rat was found at Ipswich.

B. BURNETT HAM,
Commissioner of Public Health.

DEPARTMENT OF PUBLIC HEALTH,
STATE OF NEW SOUTH WALES,
Sydney, July 11, 1904.

Bubonic plague—Bulletin No. 19.—Week ended at 1 p. m. on Saturday, July 9, 1904.

Plague in rats.

| | Rats. | Mice. | Total. |
|--|-------|-------|--------|
| Total number of rodents destroyed during week | 1,393 | 1,028 | 2,421 |
| Number of rodents examined in bacteriological laboratory during week | 481 | 589 | 1,070 |
| Number of rodents found infected | 4 | 7 | 11 |

Plague in man.

| | |
|---|---|
| Cases during week ended July 9, 1904 | 0 |
| Deaths during week ended July 9, 1904 | 0 |
| Discharged from hospital, July 9, 1904 | 0 |
| Remaining under treatment, July 9, 1904 | 1 |

By order.

G. H. KING, *Secretary.*

SYDNEY, *July 18, 1904.**Bubonic plague—Bulletin No. 20.*—Week ended at 1 p. m. on Saturday, July 16, 1904.*Plague in rats.*

| | Rats. | Mice. | Total. |
|--|-------|-------|--------|
| Total number of rodents destroyed during week | 1,546 | 1,455 | 3,001 |
| Number of rodents examined in bacteriological laboratory during week | 585 | 784 | 1,369 |
| Number of rodents found infected | 1 | 3 | 4 |

Plague in man.

| | |
|--|---|
| Cases during week ended July 16, 1904 | 0 |
| Deaths during week ended July 16, 1904 | 0 |
| Discharged from hospital, July 16, 1904 | 0 |
| Remaining under treatment, July 16, 1904 | 1 |

By order:

G. H. KING, *Secretary.*

WESTERN AUSTRALIA—DEPARTMENT OF PUBLIC HEALTH.

Bubonic plague.—Bulletin for period ended noon, Saturday, July 9, 1904:*Perth.*

| | |
|---|------|
| Number of cases reported | 2 |
| Number of deaths | 1 |
| Remaining under treatment July 9, 1904 | 1 |
| Number of rodents examined at pathological laboratory | 155 |
| Number infected | Nil. |

NOTE.—A case was reported on June 26, the patient being a barber and tobacconist, aged 35, and residing in William street, Perth.

The second case, which was fatal, was reported on June 30, the patient being a lad, aged 16, living in Roe street, Perth, and working in a foundry in Wellington street, Perth.

No infected rats have been discovered in Perth since March 20 last.

V. R. CAMPBELL, *Secretary.*

BRITISH HONDURAS.

Report from Belize, fruit port.

Acting Assistant Surgeon Carson reports as follows: Week ended August 25, 1904: Present officially estimated population, 8,500; number of deaths, 4; prevailing diseases, malarial fever of mild type and intestinal diseases; general sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

| Date. | Vessel. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. | Pieces of baggage disinfected. |
|---------|---------------|-----------------|--------------------------------------|----------------------------------|--------------------------------|
| Aug. 19 | Anselm | 43 | 2 | 11 | 0 |
| 20 | Senator | 40 | 0 | 2 | 0 |
| 20 | Spero | 15 | 0 | 0 | 0 |
| 25 | Belize | 17 | 10 | 1 | 0 |

COSTA RICA.

Report from Limon, fruit port.

Acting Assistant Surgeon Goodman reports as follows: Week ended August 27, 1904. Estimated population, 4,000; number of deaths, 6; prevailing diseases, malarial fevers; general sanitary condition of this port and the surrounding country during the week, fair. An order has just been issued by the chief of police requiring all premises in Limon to be freed of grass, rubbish, vessels containing dirty water or decomposing organic matter, and that all water barrels be covered with wire netting, under the penalty of 25 colones for the disobedience of said order.

Bills of health were issued to the following-named vessels:

| Date. | Vessel. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. | Pieces of baggage disinfected. |
|---------|-----------------|-----------------|--------------------------------------|----------------------------------|--------------------------------|
| Aug. 21 | Brewster | 34 | 0 | 0 | 0 |
| 22 | Alleghany | 45 | 2 | 9 | 0 |
| 24 | Beacon | 30 | 0 | 0 | 0 |
| 25 | Alps | 26 | 0 | 0 | 0 |
| 26 | Miami | 46 | 0 | 0 | 0 |
| 27 | Belvernon | 21 | 0 | 0 | 0 |

Six bills of health for Panaman ports were viséed and 28 passengers for Colon examined and given certificates.

CUBA.

Report from Matanzas—Scarlet fever and enteric fever—Malaria fever on steamship Falco, from Tampico—Unsanitary conditions.

Acting Assistant Surgeon Nuñez reports, August 29, as follows:

During the week ended August 27, 1904, bills of health were issued to 5 vessels bound for ports in the United States.

Three cases of malarial fever of the remittent type, which readily yielded to quinine, appeared among the crew of the Norwegian steamship *Falco* while undergoing precautionary quarantine at this port. This vessel came from Tampico, Mexico, via Cardenas, Cuba, and had been lying at the former place alongside the wharf for several days unloading a cargo of coal, and surrounded by swarms of mosquitoes. The three patients were apyretic and doing well, and no other sickness had occurred on board among the crew up to August 25, when this vessel cleared for New York direct.

Local newspapers have just inaugurated a vigorous campaign against the unsanitary condition of the city, in view of the notable increase in the number of cases of enteric fever, scarlatina, and fevers of malarial origin prevailing throughout town. They call the attention of the municipality as well as that of the general government to this fact, with the purpose of obtaining immediate action to relieve the existing situation before it assumes more alarming proportions. As yet nothing practical has been done.

Fortunately the epidemic of enteric fever, like that of scarlet fever,

shows a mild type, causing so far a very small rate of mortality, but it is possible for it to attain in the future a higher degree of virulency if the existing sanitary conditions with a tendency for the worse are not thoroughly attended to in due time.

From now on it will be a difficult matter to ascertain the exact number of cases of enteric fever and scarlatina prevailing, since most local practitioners fail to report them to the health officer, as has been customary heretofore. No penalty, to my knowledge, has been imposed on the physicians who have thus failed to comply with the sanitary regulations. This neglect will necessarily lead to the nonobservance of the usual prophylactic measures recommended in such cases, with all its dangerous consequences.

Report from Santiago—Disinfection of steamship Frieda, from Tampico.

Acting Assistant Surgeon Wilson reports, August 23 and 25, as follows:

During the week ended August 20, 1904, bills of health were issued to 2 vessels bound for the United States.

No quarantinable disease has been reported.

The British steamship *Frieda* arrived August 19 with the following history: Was at Tampico twelve days at wharf; crew went ashore; one man had fever there, but was cured before leaving. There were a great many mosquitoes; sailed from Tampico August 13; on the third day out one man was taken sick with fever and headache; on arriving at Santiago, three days later, he was still sick. As the steamer came from an infected port it was quarantined and the man was removed to the lazaretto. The steamer, which came in ballast, was disinfected. The committee on contagious diseases had the man under observation two days and then declared the case was not yellow fever. A microscopical examination of the blood was made and the malarial parasite was found. The patient has not been jaundiced; has not had albumin in the urine; the pulse has risen and fallen in proportion to the fever.

Three other members of the crew have been sick since arriving at Santiago. One had high fever for a few hours, but was well and returned to work the next morning. The other two had fever, beginning with a chill and headache.

The vessel, which is still in quarantine, when released will go to Daiquiri to load iron ore for a port in the United States. These vessels usually go to Baltimore or Philadelphia.

Steamship Frieda released from quarantine.

AUGUST 25, 1904.

The British steamship *Frieda*, of which I wrote an account on August 23, was released from quarantine this morning and left about 12 m. for Baltimore via Daiquiri. The captain took all his crew and they were apparently well.

The vessel will leave Daiquiri the evening of August 26 or the morning of the 27th.

ECUADOR.

Report from Guayaquil—Inspection of vessels—Yellow fever—Epidemic grippe—Plague at Payta, Peru.

Acting Assistant Surgeon Gruver reports, August 12, as follows:

Week ended August 10, 1904. Present officially estimated population 60,000. Mortality from all causes 44, as follows: Yellow fever, 2; infectious fever, 2; pernicious fever, 1; fevers (without classification), 7; tuberculosis, 6; grippe, 2; enteric diseases, 6; from all other causes, 18. An epidemic of grippe exists throughout Ecuador and yellow fever continues along the line of the Guayaquil and Quito Railroad and in some of the river villages near this city. No case is known to exist in Guayaquil. The deaths reported from this disease within the past two weeks were imported.

Reports received here of the plague situation in northern Peru indicate an increased activity in Payta. Within the past seven days 16 cases and 6 deaths were reported.

During the week 3 vessels cleared, after fumigation, for Ancon, C. Z. On August 6, steamship *Tucapel* en route from Chilean and Peruvian ports, took 5 cabin and 3 steerage passengers from here. On the same date steamship *Ecuador*, a coasting steamer, cleared for Ancon via other ports with the following personnel: Crew 54, cabin passengers 6, all told 60. There were no passengers for Ancon. August 9, steamship *Chile*, en route from Chilean and Peruvian ports, left with 2 cabin and 1 steerage passengers. Twenty-five pieces of baggage were inspected and 6 immune certificates issued during the week. Three stowaways who came ashore from steamship *Chile* have been placed under observation.

GERMANY.

Report from Berlin—Plague and cholera in various countries.

Consul-General Mason reports, August 22, 1904, as follows:

Plague.

Egypt.—During the week ended August 6 there were registered in Egypt 12 fresh cases of plague (with 7 deaths), namely, 8 cases (4 deaths) in Alexandria, 2 cases (1 death) in Zagazig, 1 case (1 death) in Port Said, and 1 case (1 death) in the district of Minieh.

Cholera.

Turkey.—According to Bulletin No. 29, of August 1, there have been registered 965 new cases of cholera and 950 deaths.

Death rate of Berlin and other cities.

The death rate of Berlin for the week ended August 6 was higher than it has been since the end of August, 1901—i. e., almost three years, amounting, calculated on the year, to 22.5 per thousand of the population, as against 16.1 in the preceding week. In spite of this increase, however, only eight of the large cities of Germany showed

more favorable figures—namely, Hamburg, Altona, Kiel, Cassel, Elberfeld, Frankfort-on-the-Main, Charlottenburg (with 17 per thousand), and Schöneberg (with 12.6). London, Paris, and Vienna also had lower rates of mortality than Berlin. But the following towns had a considerably higher death rate than that of this city: Munich, Stuttgart, Carlsruhe, Dresden, Bremen, Königsberg, Rixdorf (with 28.6), Nuremberg, Brunswick, Hanover, Magdeburg, Leipsic, Cologne, and Düsseldorf (with 46 per thousand). The death rate of infants rose from 6.8 to 10.8 per year and thousand.

Acute intestinal diseases showed a marked increase as compared with the preceding week, causing 327 deaths, against 188 in the foregoing week. Nineteen adults and 161 infants succumbed to cholera. Acute diseases of the respiratory organs claimed 56 victims. There were also registered 70 deaths from phthisis pulmonalis, 65 deaths from cancer, 19 deaths from measles, 9 deaths from scarlet fever, 6 deaths from diphtheria; and, finally, 24 persons died by violence.

GUATEMALA.

Reports from Livingston, fruit port.

Acting Assistant Surgeon Peters reports as follows:

Week ended August 15, 1904. Present officially estimated population 3,500. No deaths. Prevailing diseases malarial. General sanitary condition of this port and the surrounding country during the week, good. Bills of health were issued to the following-named vessels:

| Date. | Vessel. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. | Pieces of baggage disinfected. |
|--------|---------------|-----------------|--------------------------------------|----------------------------------|--------------------------------|
| Aug. 9 | Belize | 17 | 5 | ..... | ..... |
| | Beverly | 43 | 2 | ..... | ..... |

The Beverly cleared from Puerto Barrios, Guatemala.

Week ended August 22, 1904: No deaths; prevailing diseases, malarial; general sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

| Date. | Vessel. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. | Pieces of baggage disinfected |
|---------|--------------|-----------------|--------------------------------------|----------------------------------|-------------------------------|
| Aug. 16 | Anselm | 43 | ..... | ..... | ..... |
| 19 | Spero | 15 | ..... | ..... | ..... |

The Anselm cleared from Puerto Barrios, Guatemala.

HAWAII.

Report from Honolulu—Outgoing quarantine transactions.

Chief Quarantine Officer Cofer reports, August 22, as follows:

Week ended August 20, 1904. Number of vessels disinfected, 2; vessels certified, 2.

HONDURAS.

Report from Ceiba, fruit port.

Acting Assistant Surgeon Robertson reports as follows: Week ended August 21, 1904. Present officially estimated population about 4,000; no deaths; prevailing diseases, malarial, mild type; general sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

| Date. | Vessel. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. | Pieces of baggage disinfected. |
|------------------|---------------|-----------------|--------------------------------------|----------------------------------|--------------------------------|
| 1904. Aug. 16 | Volund..... | 18 | 0 | 0 | 0 |
| 20 | Columbia..... | 18 | 0 | 0 | 0 |

Report from Puerto Cortez, fruit port.

Acting Assistant Surgeon Carter reports as follows: Week ended August 23, 1904. Present officially estimated population, 2,125; no deaths; prevailing diseases, malarial fever of mild type and intestinal diseases; general sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

| Date. | Vessel. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. | Pieces of baggage disinfected. |
|---------|-------------|-----------------|--------------------------------------|----------------------------------|--------------------------------|
| Aug. 18 | Anselm..... | 43 | 10 | 1 | 0 |
| 19 | Hiram..... | 15 | 0 | 0 | 0 |
| 23 | Habil..... | 14 | 3 | 0 | 0 |

Number of aliens sailing from this port during week, 2.

INDIA.

Report from Bombay—Cholera, plague, and smallpox.

Acting Asst. Surg. Edward H. Hume reports, July 30, as follows:

Mortality of Bombay city, week ended July 26, 1904.

| | Week ended— | |
|---------------------------------|----------------|----------------|
| | July 26, 1904. | July 26, 1903. |
| Plague attacks..... | 72 | ..... |
| Plague deaths..... | 57 | 80 |
| Plague mortality per 1,000..... | 3.81 | 5.36 |
| Smallpox deaths..... | 5 | 14 |
| Cholera deaths..... | 1 | 1 |
| Total deaths..... | 562 | 587 |
| Total mortality per 1,000..... | 37.65 | 39.33 |

The cholera death had no connection with the harbor or shipping.

Report from Calcutta—Inspection of vessel—Cholera and plague mortality.

Acting Assistant Surgeon Eakins reports, July 28 and August 4, as follows:

During the week ended July 23, 1904, bill of health was issued to the steamship *Indrasamha* bound for Boston and New York with a total crew of 61. The effects of Lascars were disinfected and fumigated, and rat guards were kept on wharf lines while the vessel lay at dock.

During the week ended July 23, 1904, there were 6 deaths from plague and 13 deaths from cholera in Calcutta.

In Bengal during the week ended July 16 there were 169 cases and 144 deaths from plague. In all India there were 2,808 cases and 1,995 deaths from plague.

During the week ended July 30, 1904, there were 6 deaths from plague and 2 deaths from cholera in Calcutta.

In Bengal during the week ended July 23 there were 134 cases and 114 deaths from plague.

JAPAN.

Report from Nagasaki—Emigrants recommended for rejection.

Sanitary Inspector Bowie reports, August 4, as follows:

Number of emigrants for Manila recommended, August 4, for rejection, 30.

MEXICO.

Report from Monterey—Sanitary conditions.

Passed Assistant Surgeon Goldberger reports, August 24, as follows:

During the week ended August 20, 1904, the sanitary status of Monterey and vicinity remained fairly satisfactory. During this period there were recorded in the city of Monterey 51 deaths from all causes.

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

Acting Assistant Surgeon Harrison reports as follows: Week ended August 20, 1904: Estimated population, 8,000; deaths from all causes, 10. General condition, only fair. Merida still reporting yellow-fever infection.

Bills of health were issued to the following-named vessels:

| Date. | Vessel. | Destination. | Crew. | Passengers. | Transit. |
|---------|---|---------------------|-------|-------------|----------|
| Aug. 13 | Tjomo..... | New York..... | 18 | ..... | ..... |
| 13 | Esperanza..... | do..... | 96 | 50 | 33 |
| 14 | Falco..... | U. S. via Cuba..... | ..... | ..... | ..... |
| 17 | Gertrude A. Bartlett ^a | Mobile, Ala..... | 7 | ..... | ..... |
| 19 | Galveston ^a | Galveston..... | 22 | 1 | 1 |
| 19 | Susie B. Dantzler ^a | Ship Island..... | 7 | ..... | ..... |

^a Disinfected.

PANAMA.

Reports from Colon—Inspection of vessels—Sanitary work—Vaccination.

Acting Assistant Surgeon Mohr reports, August 15, 23, and 24, as follows:

Report on the sanitary conditions of Colon and vicinity for the two weeks ended August 13, 1904.

According to the official records there have been 17 deaths from the following causes: Fevers 3, dysentery 1, tuberculosis 1, pneumonia 3, cerebral anæmia 1, heart disease 3, disease of liver 1, stillbirths 2, cause not given 2.

No cases of quarantinable diseases have been observed in this port, and in Panama no further cases of yellow fever have been reported since the case which was reported on August 1.

As the number of deaths as given appears rather large, it must be remarked in this connection that the population of Colon has been steadily increasing during the past few months, and the census which is now being computed will show a population of 7,500 to 8,000. This increase is due to the fact that numbers of Jamaican and other West India negroes have been arriving on every steamer from Jamaica and the South and Central American coast. The Royal Mail steamship *Atrato* alone last week brought 306 negroes from Jamaica, and the steamship *Orinoco* this week over 100. These immigrants are allured to the Isthmus by the prospect of work on the canal, but their coming is altogether premature, as it will be a year or more before any large number of laborers will be needed. It can not be too emphatically stated that all persons, excepting those having definite positions or employment assured them, should keep away from the Isthmus. Already the capacity for housing these people, both in Panama and Colon, is becoming a serious problem, and the cost of living is increasing. Owing to the heavy and intermittent rains anopheles abound everywhere, and these newcomers being unprotected, in many instances underfed, fall easy victims to malarial fever. Many of them, as well as many whites of the so-called "beach comber" class, of whom quite a number are collecting on the Isthmus, find their way into the poorly equipped charity hospital of Colon suffering from malarial fever and privation.

The sanitary department of the Isthmian Canal Commission has begun systematic work, under the direction of the chief sanitary officer of the Commission.

Under the supervision of a health officer, appointed by the chief sanitary officer, a house-to-house inspection is being made at Panama; streets are being cleaned, and depressions are being filled according to grades given by the engineers, with a view to preventing breeding places for mosquitoes.

The sanitation of Colon presents peculiar difficulties, and such improvements as can be made pending the engineering work must necessarily be confined to correcting the gross defects of public hygiene. What can be done in the way of draining lots and streets that have been neglected for years, cleaning away rubbish that has been accumulating from time immemorial, and clearing away the rank growth of brush and weeds covering the pools that breed abundant

mosquitoes all over the town, is being very energetically pushed forward by the health officer, who has been appointed by the chief sanitary officer.

A house-to-house inspection has been made, a census has been taken, and every effort is being made to introduce a reliable system of mortality statistics. Under the present conditions it is difficult to arrive at anything like positive conclusions regarding either the morbidity or the causes of death, as the diagnoses given in the official records are either too vague or entirely misleading. For this the assistance of the local authorities and the cooperation of the local practitioners are necessary to enable the health officer to inquire into all cases of grave or doubtful nature, especially fevers, and to investigate all cases of death. A properly equipped morgue and plenary powers to the health officer should be essential features in this work.

I have not learned what plan has been decided on for the permanent improvement of Colon, but it will be an engineering feat of some magnitude. At this season of the year the greater part of the town is a morass, to which is added the accumulation of rubbish and filth of a population utterly indifferent to ordinary cleanliness. In order to obtain a proper grade for drainage and sewerage the amount of filling required will be something enormous, and I am told by competent engineers that some sections of the town would have to be filled 10 feet in order to bring the level only 3 feet above tide water. The better portion of the town, always excepting the railroad property along the water front, is bad enough, with the back yards under water, the pools of stagnant slime under the floors of even the best buildings, and the filthy cesspools; but those sections where the majority of the negro and native laborers live, in miserable shacks built on stilts over the swamp, simply defy description. To the casual observer the task seems an impossible one, and too much praise can not be accorded those engaged actually in the work of sanitating Colon.

An interesting feature of the sanitary work is that being done by the health officer of the Canal Zone, which consists chiefly of what has been very aptly termed "mosquito engineering." Wherever there are habitations located along the line, or sites for camps, systematic search is being made for mosquitoes, their species determined, and habits studied, in order to arrive at the proper methods to be pursued for their diminution, if not extermination. He informs me that anopheles are abundant everywhere. Quite a number of breeding places have been found on the hillsides in the Ancon grounds where the hospital is located, and all collections of water, especially where algæ grow luxuriantly, contain the larvæ. They have also been found in such sheltered places as the cups formed by the broad leaves of certain plants like the banana. Rarely, if ever, are the larvæ of this genus found in the containers around dwellings. An abundant species is the anopheles albipes which, the health officer is satisfied, is diurnal in its habits. In this connection it may be stated that I have been informed that one of the worst localities is Culebra, where the actual work of excavating is going on, and that malarial fever is particularly prevalent among the laborers there. Here the larvæ are found in all the pools and puddles on the terraces in the cut, a very significant fact when the amount of excavating to be done is considered.

In order to test the value and progress of the sanitary work in this direction, records of all cases will be kept and the relation of the num-

ber of mosquitoes, in any given locality, to the number of cases of fever will be carefully observed.

Stegomyia are to be found everywhere around human habitations and every tank, cistern, barrel, or other container, especially cast-away bottles and tin cans filled with water, harbor the larvæ in quantities. Even the puddles on the old abandoned dump cars at the stations contain the larvæ of this genus. Here of course the proper screening of all water containers and the clearing away of all neglected vessels will be rigidly enforced.

I hope to be able from time to time to personally observe the results of this work and to report on it.

During the week ended August 20, 1904, bills of health were issued to the following vessels clearing for ports in the United States:

British steamship *Senator* for New Orleans via Mexican ports, August 16, with 40 crew and 2 passengers; American steamship *Advance* for New York, August 17, with 61 crew and 56 passengers; Norwegian steamship *Ellis* for New Orleans via Bocas del Toro, August 20, with 32 crew and no passengers.

Vaccination in Panama—Circular.

Five deaths were reported for the week ended August 21, 1904, and the causes given as follows: Fevers, 3; phthisis, 1; stillbirth, 1.

Of these, 3 were native Panamans, 1 was a Jamaican, and 1 a Chinaman.

The influx of Jamaicans and other West Indians continues, despite the fact that the Panama Government has imposed an immigration tax of \$2 per person. In order to prevent the introduction of smallpox an ordinance regarding vaccination has been passed and promulgated by the chief sanitary officer, copies of which I herewith transmit. The Isthmus has been remarkably free from this disease since the epidemic which prevailed along the coast in 1903, at which time vaccination was very generally practiced. In the British West Indies vaccination has long been compulsory.

With the exception of Limon, Costa Rica, the conditions on the coast of Central and South America have been very favorable this year. All vessels coming from the coast ports now bring bills of health signed by the consuls of the United States, and from none of these ports, with the above exception, has yellow fever been reported. Since the inauguration of the isthmian quarantine service agents and masters of the various steamship lines are exercising the greatest caution in complying with the quarantine regulations promulgated by the Isthmian Canal Commission.

Vaccination circular.

[Inclosures.]

[Under the authority granted by the Governor's announcement of June 30, 1904, and governed by the Panama Código de Policía, article 539.]

Ordinance No. 11—Department of sanitation—Vaccination of immigrants.

Every person entering the Canal Zone, by sea, to reside in said zone, shall, prior to such entry, present satisfactory evidence of protection

against smallpox, either by previous attack, by vaccination, or be vaccinated.

This order to take effect from August 31, 1904.

W. C. GORGAS,
Chief Sanitary Officer.

JULY 28, 1904.

NOTE.—Circular to the same effect addressed to persons entering the municipalities of Colon and Panama.

Report from Bocos del Toro, fruit port.

Acting Assistant Surgeon Osterhout reports as follows: Week ended August 25, 1904. Present officially estimated population not obtainable; number of deaths, 4; prevailing diseases, malarial fevers: general sanitary condition of this port and the surrounding country during the week, good.

Bills of health were not issued to vessels bound to Colon; passengers were provided with health certificates.

Bills of health were issued to the following-named vessels:

| Date. | Vessel. | Destination. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. | Pieces of baggage disinfected. |
|---------|--------------------|-------------------|-----------------|--------------------------------------|----------------------------------|--------------------------------|
| Aug. 19 | George Dumois..... | Mobile, Ala..... | 17 | 0 | 0 | 0 |
| 19 | Liberty..... | Colon..... | | 9 | 0 | (a) |
| 20 | Intrepid..... | do..... | | 10 | 0 | (a) |
| 21 | Taunton..... | Mobile, Ala..... | 25 | 0 | 0 | 0 |
| 22 | Bradford..... | Boston via Limon. | 38 | 1 | 0 | 4 |
| 24 | Fort Morgan..... | Mobile, Ala..... | 23 | 2 | 0 | 6 |
| 25 | Ellis..... | New Orleans, La.. | 32 | 4 | 0 | 16 |
| 25 | Herald..... | Colon..... | | 24 | 0 | (a) |

a Not inspected.

PERSIA.

Report from Teheran—Cholera epidemic nearly extinct—Direction of spread.

Vice-Consul-General Tyler reports, July 30 and August 6, as follows:

I have to report the almost total disappearance of cholera from Teheran and the surrounding villages. On the 28th the number of fatal cases had diminished to 10, which would probably represent about half those affected.

The active cause of the contagion, its appearance, and departure, are questions of considerable importance, which, when my inquiries are completed, I shall make the subject of a special report. In view of the sanitary conditions of Teheran, the absence of all attempts at isolation, the expansion and exhaustion of the malignant influences, it would seem that there are aspects of the disease which have not yet received at the hands of scientists a full and complete examination.

Reports of a more or less trustworthy kind have reached Teheran that in some of the earlier affected cities and districts there has been a considerable recrudescence of the epidemic, and of even a more violent type, which was probably owing to some atmospherical adaptability.

What is, however, of more importance at the present moment to western people is the path of its inclination toward the north and west. It has apparently reached the two most important Persian ports on the Caspian, Resht and Astrabad, the two portals of European

trade and traffic. If it has reached the Caspian channel of communication there is very little hope that it will be arrested there.

We are yet in the early part of the summer, the heat and dryness are in most countries unusual, both favorable conditions for propagating the active principles of the disease and intensifying its effects.

With regard to the general ravages of the epidemic I am inclined to think, as a result of my observations and inquiries, that our estimates of fatality have been rather under than over the actual numbers. As a proof of this I would state that my house is situated in what is considered the suburbs of the city, where the houses are by no means crowded and gardens and open places provide expansive lungs for the free circulation of the atmosphere. Yet within less than half a mile northward, or just on the outer boundaries of the ramparts in an open space, there are several hundreds of graves, each containing one or more victims of the disease.

The sad stories which people I am acquainted with have to tell show the malignity of the type and the violence of its action. The carpenter who does odd jobs at the legation lost the whole of his brother's family. He told me, and he looked it, that he was worn out going to the graveyard to bury one after the other in the flaming atmosphere of the daytime. Another lost his wife and five children, only one little child being left; a third was deprived of all his children. None of these lived in the lower or more insanitary parts of the city, but in comparatively healthy districts. In a large village east of Teheran, about a mile and a half out, for some unapparent cause the disease raged with such fury that nearly all the people were carried off.

Within the last fortnight the city of Shiraz has shown even a worse tendency than Teheran, and the foreign element has suffered in a greater proportion.

PERU.

Plague at Eten.

CALLAO, September 1, 1904.

WYMAN, Washington:

Plague is now present in Eten San Pedro.

LLOYD.

PHILIPPINE ISLANDS.

Report from Manila—Quarantine transactions.

Chief Quarantine Officer Heiser reports, July 26, as follows:

Quarantine transactions in the Philippine Islands, month of June, 1904.

PORT OF MANILA.

Bills of health issued:

To steamers for—

| | |
|--------------------------|-----|
| United States ports..... | 4 |
| Foreign ports..... | 47 |
| Domestic ports..... | 167 |

To sailing vessels for—

| | |
|--------------------------|----|
| United States ports..... | 4 |
| Foreign ports..... | 2 |
| Domestic ports..... | 98 |

| | |
|-------------|-----|
| Total | 322 |
|-------------|-----|

Vessels inspected:

Steamers from—

| | |
|---------------------------|-----|
| United States ports | 13 |
| Foreign ports | 41 |
| Domestic ports | 162 |

Sailing vessels from—

| | |
|---------------------------|----|
| United States ports | 1 |
| Foreign ports | 0 |
| Domestic ports | 63 |

| | |
|-------------|-----|
| Total | 280 |
|-------------|-----|

Passengers on arriving boats inspected:

On steamers—

| | |
|----------------|-------|
| Cabin | 1,638 |
| Steerage | 6,226 |

On sailing vessels—

| | |
|----------------|-----|
| Cabin | 0 |
| Steerage | 283 |

| | |
|-------------|-------|
| Total | 8,147 |
|-------------|-------|

Persons vaccinated:

On steamers—

| | |
|------------------|-----|
| Crew | 726 |
| Passengers | 3 |

On sailing vessels—

| | |
|------------------|-----|
| Crew | 217 |
| Passengers | 0 |

| | |
|-------------|-----|
| Total | 946 |
|-------------|-----|

| | |
|---|-------|
| Crew on arriving steamers inspected | 9,048 |
| Crew on arriving sailing vessels inspected | 631 |
| Persons quarantined for observation, suspects and contacts | 60 |
| Persons bathed and effects disinfected | 239 |
| Steamers remaining in quarantine from May | 2 |
| Sailing vessels remaining in quarantine from May | 0 |
| Steamers detained in quarantine | 1 |
| Sailing vessels detained in quarantine | 0 |
| Steamers disinfected | 1 |
| Sailing vessels disinfected | 0 |
| Steamers fumigated to exterminate vermin | 18 |
| Sailing vessels fumigated to exterminate vermin | 3 |
| Cases of quarantinable diseases detected on vessels, smallpox | 2 |
| Pieces of baggage disinfected on steamers | 492 |
| Pieces of baggage disinfected on sailing vessels | 0 |
| Pieces of baggage inspected and passed on steamers | 26 |
| Pieces of baggage inspected and passed on sailing vessels | 0 |

(Outgoing.)

| | |
|---|-------|
| Vessels remaining in quarantine from May | 0 |
| Steamers sailing without quarantine inspected and passed | 4 |
| Sailing vessels sailing without quarantine inspected and passed | 4 |
| Steamers disinfected | 3 |
| Sailing vessels disinfected | 4 |
| Crew of steamers inspected | 372 |
| Crew of sailing vessels inspected | 51 |
| Passengers of steamers inspected | 990 |
| Passengers of sailing vessels inspected | 0 |
| Persons bathed and effects disinfected | 958 |
| Pieces of baggage disinfected | 2,464 |
| Pieces of baggage inspected and passed | 3,807 |

PORT OF CEBU.

Bills of health issued:

| | |
|---------------------------|------------|
| To steamers for— | |
| United States ports | 2 |
| Foreign ports | 4 |
| Domestic ports | 101 |
| To sailing vessels for— | |
| United States ports | 0 |
| Foreign ports | 0 |
| Domestic ports | 22 |
| Total | <u>129</u> |

Vessels inspected:

| | |
|---------------------------|------------|
| Steamers from— | |
| United States ports | 0 |
| Foreign ports | 5 |
| Domestic ports | 104 |
| Sailing vessels from— | |
| United States ports | 0 |
| Foreign ports | 0 |
| Domestic ports | 260 |
| Total | <u>369</u> |

Passengers on arriving boats inspected:

| | |
|---------------------|---------------|
| On steamers— | |
| Cabin | 255 |
| Steerage | 1, 141 |
| On sailing vessels— | |
| Cabin | 0 |
| Steerage | 753 |
| Total | <u>2, 149</u> |

| | |
|---|--------|
| Crew on arriving steamers inspected | 3, 182 |
| Crew on arriving sailing vessels inspected | 1, 607 |
| Persons bathed and effects disinfected | 0 |
| Persons vaccinated | 223 |
| Steamers disinfected | 0 |
| Sailing vessels disinfected | 0 |
| Steamers fumigated to exterminate vermin | 2 |
| Sailing vessels fumigated to exterminate vermin | 0 |
| Vessels detained in quarantine | 0 |
| Cases of quarantinable diseases detected on vessels | 0 |

PORT OF ILOILO.

Bills of health issued:

| | |
|---------------------------|------------|
| To steamers for— | |
| United States ports | 1 |
| Foreign ports | 5 |
| Domestic ports | 64 |
| To sailing vessels for— | |
| United States ports | 0 |
| Foreign ports | 0 |
| Domestic ports | 59 |
| Total | <u>129</u> |

Vessels inspected:

| | |
|---------------------------|------------|
| Steamers from— | |
| United States ports | 0 |
| Foreign ports | 8 |
| Domestic ports | 67 |
| Sailing vessels from— | |
| United States ports | 0 |
| Foreign ports | 0 |
| Domestic ports | 67 |
| Total | <u>142</u> |

Passengers on arriving boats inspected:

| | |
|---|---------------|
| On steamers— | |
| Cabin | 249 |
| Steerage | 1, 125 |
| On sailing vessels— | |
| Cabin | 0 |
| Steerage | 34 |
| Total | <u>1, 408</u> |
| Crew on arriving steamers inspected | 2, 477 |
| Crew on arriving sailing vessels inspected | 645 |
| Persons vaccinated | 260 |
| Persons bathed and effects disinfected | 22 |
| Persons detained in quarantine | 22 |
| Cases of quarantinable diseases detected on vessels, smallpox | 2 |
| Steamers disinfected | 2 |
| Sailing vessels disinfected | 0 |
| Steamers fumigated to exterminate vermin | 1 |
| Sailing vessels fumigated to exterminate vermin | 1 |
| Vessels remaining in quarantine from May | 0 |
| Steamers entering quarantine | 0 |
| Sailing vessels entering quarantine | 2 |
| Vessels remaining in quarantine June 30 | <u>0</u> |

PORT OF JOLO.

Bills of health issued:

| | |
|---------------------------|-----------|
| To steamers for— | |
| United States ports | 0 |
| Foreign ports | 1 |
| Domestic ports | 10 |
| To sailing vessels for— | |
| United States ports | 0 |
| Foreign ports | 0 |
| Domestic ports | 26 |
| Total | <u>37</u> |

Vessels inspected:

| | |
|---------------------------|-----------|
| Steamers from— | |
| United States ports | 0 |
| Foreign ports | 1 |
| Domestic ports | 17 |
| Sailing vessels from— | |
| United States ports | 0 |
| Foreign ports | 0 |
| Domestic ports | 25 |
| Total | <u>43</u> |

Passengers on arriving boats inspected:

| | |
|--|------------|
| On steamers— | |
| Cabin | 104 |
| Steerage | 422 |
| On sailing vessels— | |
| Cabin | 0 |
| Steerage | 34 |
| Total | <u>560</u> |
| Crew on arriving steamers inspected | 697 |
| Crew on arriving sailing vessels inspected | 146 |
| Vessels in quarantine | <u>0</u> |

PORTO RICO.

*Report of immigration at San Juan.*OFFICE OF THE COMMISSIONER OF IMMIGRATION,
*San Juan, P. R., August 15, 1904.**Report of arrivals of alien steerage passengers at San Juan, during the week ended August 13, 1904.*

| Date of arrival. | Vessel. | Where from. | Number of aliens. |
|------------------|--------------------|--------------------------------------|-------------------|
| Aug. 10 | Caracas | Curaçao, Dutch West Indies | 2 |
| 10 | Christiania | St. Thomas, Danish West Indies | 2 |
| July 4 | St. Domingue | do | 4 |
| 2 | Mario | do | 1 |
| | Total | | 9 |

BENSON H. SISSON, *Acting Commissioner.*OFFICE OF THE COMMISSIONER OF IMMIGRATION,
*San Juan, P. R., August 22, 1904.**Report of arrivals of alien steerage passengers at San Juan during the week ended August 20, 1904.*

| Date of arrival. | Vessel. | Where from. | Number of aliens. |
|------------------|------------------------|--------------------------------------|-------------------|
| 1904. | | | |
| Aug. 18 | Olinde Rodriguez | Puerto Plata, Dominican Republic .. | 11 |
| | | Sanchez, Dominican Republic | 2 |
| 19 | Julia | Habana, Cuba | 8 |
| | | Santo Domingo, Dominican Republic .. | 1 |
| 17 | St. Domingue | do | 3 |
| 18 | Julia | Habana, Cuba | 1 |
| | | Santiago, Cuba | 10 |
| 16 | St. Domingue | Santo Domingo, Dominican Republic .. | 9 |
| 18 | Julia | Santiago, Cuba | 1 |
| July 2 | Mario | St. Thomas, Danish West Indies | 1 |
| 12 | Angel Maria | do | 7 |
| 22 | Mario | do | 3 |
| | Total | | 57 |

BENSON H. SISSON, *Acting Commissioner.**Report from Ponce—Vital statistics.*

Acting Assistant Surgeon Torres reports, August 18, as follows:

Number and causes of deaths in Ponce jurisdiction, city, playa, and surrounding country, during the month of July, 1904.

Diseases of—

| | |
|--------------------------|----|
| Digestive system | 26 |
| Nervous system | 6 |
| Circulatory system | 6 |
| Respiratory system | 12 |
| Malarial fever | 10 |
| Puerperal fever | 3 |
| Rhachitis | 4 |
| Old age | 6 |
| Cancer | 3 |
| Tetanus | 4 |
| Tuberculosis | 6 |

Diseases of—Continued.

| | |
|-------------------------------|-----|
| Accidents..... | 2 |
| Anæmia, inanition | 8 |
| Hydrocæmia..... | 4 |
| Grippe | 3 |
| Congenital malformation | 5 |
| Missed labor..... | 2 |
| Enteric fever | 3 |
| Total | 113 |

July, 1903.

| | |
|--------------|-----|
| Deaths | 137 |
| Births | 121 |

July, 1904.

| | |
|--------------|-----|
| Deaths | 113 |
| Births | 139 |

TURKEY.

Report from Bagdad—Cholera.

Vice-Consul Hürner forwards the following under date of July 28:

Weekly sanitary bulletin, July 16 to 23, 1904.

| | Cases. | Deaths. | | Cases. | Deaths. |
|----------------|--------|---------|-------------------|--------|---------|
| Bagdad..... | 35 | 20 | Douchik | 2 | 1 |
| Messeleb | 21 | 10 | Deard | 7 | 3 |
| Kerbela | 4 | 4 | Naher Kebir | 2 | 2 |
| Korabad | 3 | 2 | Bedrek | 4 | 3 |
| Mendeli | 58 | 23 | Solimanieh | 133 | 33 |
| Toursak | 7 | 11 | Samana | 5 | 2 |
| Kezemein | 35 | 22 | Amara | 2 | 2 |

Report from Batoum—Suspect cholera case at Baku—Quarantine measures at Caspian Sea ports.

Acting Vice-Consul Stuart reports, August 13, as follows:

I have this morning received from Baku a copy of the protocol drawn up by the bacteriological commission, composed of the government and hospital medical officers of the town of Baku, which was instructed to examine the case of a patient in the hospital whose malady was considered suspicious.

The commission reports that a bacteriological examination of the evacuations of the said patient resulted in the discovery of the presence of a number of bacilli, which on being cultivated in a solution of peptone produced a preparation, colored with fuchsine, containing bacilli extremely similar to cholera vibriions. In consequence of these results the commission concluded that the case is a very suspicious one from the point of view of cholera.

I may add that this is the only known case in the Caucasus and that the patient is reported to be recovering.

Since the outbreak of cholera in Persia, sanitary and quarantine measures of a precautionary nature have been adopted by the Russian authorities and put in force at Russian ports on the Caspian Sea and along the Russo-Persian frontier, with a view to preventing the introduction of the disease from Persia.

WEST INDIES.

Report from Barbados—Inspection of vessels—Sanitary conditions—Leprosy.

Assistant Surgeon Ward reports, August 22 and 24, as follows:

I have to report the fumigation, on August 18, of the British steamship *Newton*, from Santos, Rio de Janeiro, and Bahia, bound for New Orleans with a cargo of coffee; no passengers; 32 crew; all well.

During the week ended August 20, 1904, I inspected 10 steamships; 390 crew; 158 steerage and 31 cabin passengers. Of this number, 5 crew, 43 steerage, and 17 cabin passengers were shipped from this port.

At present the health of the island of Barbados is excellent. Bridgetown, the only seaport town, as well as the rest of the island, is free from all quarantinable diseases excepting leprosy, which for the most part is segregated, at the expense of the local government, at the leprosy lazaretto situated in the outskirts of Bridgetown, about 3 miles from the business section. In a few cases where the friends or relatives have sufficient means to properly care for those suffering from this disease, the detention in the hospital is not required.

Mortality statistics are not now available.

AUGUST 24, 1904.

I have to report the fumigation to-day of the British steamship *Homer* of the Lamport and Holt Line, which came here especially for this purpose.

This steamer came from Santos via Rio de Janeiro bound for New Orleans with a cargo of coffee; 29 crew, all well; no passengers.

I thoroughly fumigated all the compartments, including the holds, with sulphur.

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

AFRICA—*Sierra Leone*.—Two weeks ended August 6, 1904. Estimated population, 40,000. Total number of deaths, 38. No contagious diseases.

AUSTRALIA—*New South Wales—Sydney*.—Month of June, 1904. Estimated population, 511,030. Total number of deaths, 598, including diphtheria 4, enteric fever 4, measles 1, whooping cough 2, and 54 from tuberculosis.

AUSTRALIA—*Queensland, Brisbane*.—Month of April, 1904. Estimated population, 124,463. Total number of deaths, 122, including diphtheria 1, enteric fever 4, measles 1, whooping cough 2, plague 1, and 10 from tuberculosis.

Month of May, 1904. Total number of deaths, 98, including diphtheria 3, enteric fever 2, measles 1, whooping cough 4, plague 3, and 4 from tuberculosis.

Month of June, 1904. Total number of deaths, 116, including diphtheria 2, enteric fever 2, whooping cough 2, plague 3, and 12 from tuberculosis.

BAHAMAS—*Dunmore Town*.—Eight weeks ended August 19, 1904. Estimated population, 1,232. No deaths. No contagious diseases.

Governors Harbor.—Week ended August 20, 1904. Estimated population, 1,500. Total number of deaths not reported. No contagious diseases.

Green Turtle Cay, Abaco.—Two weeks ended August 18, 1904. Estimated population, 3,314. Number of deaths not reported. No contagious diseases reported.

Nassau.—Two weeks ended August 29, 1904. Estimated population, 12,650. No deaths and no contagious diseases reported.

CUBA—*Habana*.—Month of March, 1904. Estimated population, 275,000. Total number of deaths, 460, including diphtheria 1, enteric fever 2, measles 2, scarlet fever 3, whooping cough 1, and 104 from tuberculosis.

FRANCE—*Roubaix*.—Month of July, 1904. Estimated population, 124,660. Total number of deaths, 177, including enteric fever 3, measles 5, and 4 from scarlet fever.

Rouen.—Month of July, 1904. Estimated population, 116,316. Total number of deaths, 277, including enteric fever 2, measles 1, whooping cough 2, smallpox 2, and 58 from tuberculosis.

St. Etienne.—Two weeks ended July 15, 1904. Estimated population, 146,671. Total number of deaths, 114, including diphtheria 1, enteric fever 2, scarlet fever 1, and 19 from tuberculosis.

GIBRALTAR.—Three weeks ended July 31, 1904. Estimated population, 27,460. Total number of deaths, 22. No deaths from contagious diseases reported.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended August 13, 1904, correspond to an annual rate of 22.1 per 1,000 of the aggregate population, which is estimated at 15,271,287.

Bradford.—Two weeks ended July 30, 1904. Estimated population, 285,089. Total number of deaths, 190, including diphtheria 6, measles 17, whooping cough 1, and 15 from phthisis pulmonalis.

London.—One thousand nine hundred and twelve deaths were registered during the week, including measles 36, scarlet fever 10, diphtheria 7, whooping cough 21, enteric fever 2, smallpox 1, and 687 from diarrhea. The deaths from all causes correspond to an annual rate of 21.4 per 1,000. In Greater London 2,941 deaths were registered. In the "outer ring" the deaths included 4 from diphtheria and 6 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended August 13, 1904, in the 21 principal

town districts of Ireland was 19.6 per 1,000 of the population, which is estimated at 1,093,289. The lowest rate was recorded in Newry, viz, 4.2, and the highest in Armagh, viz, 48.1 per 1,000. In Dublin and suburbs 199 deaths were registered, including diphtheria 2, enteric fever 1, measles 5, scarlet fever 1, whooping cough 4, and 37 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended August 13, 1904, correspond to an annual rate of 15.7 per 1,000 of the population, which is estimated at 1,726,236. The lowest rate of mortality was recorded in Paisley, viz, 8.1, and the highest in Glasgow, viz, 17.4 per 1,000. The aggregate number of deaths registered from all causes was 519, including diphtheria 5, measles 6, scarlet fever 2, and 26 from whooping cough.

ITALY—Milan.—Month of June, 1904. Estimated population, 520,518. Total number of deaths, 801, including diphtheria 10, enteric fever 8, measles 3, and 109 from phthisis pulmonalis.

JAPAN—Nagasaki.—Ten days ended July 20, 1904. Estimated population 154,727. Total number of deaths not reported. One death from typhus fever reported.

Ten days ended July 31, 1904. Total number of deaths not reported. One death from typhus fever reported.

JAVA—Batavia.—Three weeks ended July 16, 1904. Estimated population, 160,000. Number of deaths not reported. No contagious diseases reported.

MALTA.—Two weeks ended August 6, 1904. Estimated population, 197,070. Total number of deaths, 265, including enteric fever 5, and 1 from whooping cough.

ST. HELENA.—Three weeks ended July 23, 1904. Estimated population, 5,000. Total number of deaths, 2. No contagious diseases reported.

SPAIN—Corunna.—Month of July, 1904. Estimated population, 50,000. Total number of deaths, 113, including diphtheria 2, enteric fever 2, measles 1, whooping cough 1, and 13 from tuberculosis.

Seville.—Month of July, 1904. Estimated population, 148,130. Total number of deaths, 536, including diphtheria 4, enteric fever 2, measles 32, whooping cough 1, and 76 from tuberculosis.

WEST INDIES—Antigua.—Year 1903. Estimated population, 15,844. Total number of deaths, 1,305, including 51 from zymotic diseases, and 68 from tuberculosis, a decrease of 94 from the number for 1902.

Curaçao.—Two weeks ended August 12, 1904. Estimated population, 31,600. Total number of deaths, 3, including 1 from yellow fever, imported from Maracaibo.

St. Thomas.—Three months ended June 30, 1904. Estimated population, 12,019. Total number of deaths, 238, including 10 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, June 25 to September 9, 1904.

[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 26, 1903, to June 24, 1904, see PUBLIC HEALTH REPORTS for June 24, 1904.]

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

CHOLERA.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-----------------------------|----------------------|--------|---------|---|
| China: | | | | |
| Antung..... | July 15..... | ..... | ..... | Present. |
| Hanoi..... | June 17..... | ..... | 4 | |
| Hongkong..... | May 15-July 23..... | 35 | 32 | Two cases on ss. Ping Shan from Saigon. |
| Saigon..... | June 17..... | ..... | ..... | Present. |
| Shanghai..... | July 24-30..... | 1 | ..... |  |
| Formosa: | | | | |
| Tamsui..... | June 1-30..... | 1 | 1 | |
| France: | | | | |
| Paris..... | July 24-30..... | 1 | 1 | |
| India: | | | | |
| Bombay..... | June 8-Aug. 2..... | 2 | 27 | |
| Calcutta..... | May 22-July 30..... | ..... | 161 | |
| Madras..... | May 28-June 17..... | ..... | 4 | |
| Persia: | | | | |
| Hamadan..... | June 25..... | ..... | ..... | Present. |
| Koom..... | June 25..... | ..... | ..... | 130 cases daily. |
| Sultanabad..... | July 16..... | ..... | ..... | Present. |
| Teheran..... | June 25-July 9..... | ..... | ..... | 300 deaths daily. |
| Straits Settlements: | | | | |
| Singapore..... | May 8-June 18..... | ..... | 2 | |
| Turkey: | | | | |
| Amara..... | June 19-July 7..... | 21 | 16 | |
| Bagdad..... | June 6-July 7..... | 16 | 13 | |
| Bahrein Islands..... | May 1-31..... | ..... | 1,500 | |
| Bakouba..... | June 19-July 7..... | 7 | 5 | |
| Basra..... | June 6-23..... | 13 | 14 | |
| Chosrabad..... | June 19-25..... | 2 | 1 | |
| Divanieh..... | June 19-July 7..... | 23 | 53 | |
| Djemaat..... | June 22-23..... | ..... | 293 | |
| Hilla..... | June 22-July 7..... | 144 | 198 | |
| Kerbella..... | June 22-July 7..... | 164 | 407 | |
| Kiazmieh..... | June 6-13..... | 13 | 13 | |
| Kindieh..... | June 19-July 7..... | 3 | 2 | |
| Koufa..... | June 19-July 7..... | 19 | 12 | |
| Maskat..... | June 28-July 12..... | ..... | 3 | |
| Messeieb..... | June 19-July 7..... | 2 | 2 | |
| Muttra..... | June 28-July 12..... | ..... | ..... | Present. |
| Nedjeff..... | June 6-July 7..... | 310 | 201 | |
| Oman..... | June 28-July 12..... | ..... | ..... | Present. |
| Razemein..... | July 7..... | 1 | 1 | |
| Sada..... | June 6-13..... | 17 | 11 | |
| Salahieh..... | June 6-July 7..... | 14 | 10 | |
| Samara..... | June 19-July 7..... | 2 | 2 | |
| Schatrah..... | June 6-13..... | 27 | 23 | |

YELLOW FEVER.

| | | | | |
|------------------------|--------------------------|-------|-------|---|
| Brazil: | | | | |
| Pernambuco..... | July 1-15..... | 1 | 1 | |
| Rio de Janeiro..... | May 9-July 24..... | 46 | 12 | |
| Colombia: | | | | |
| Barranquilla..... | June 23-29..... | ..... | 1 | |
| Buenaventura..... | July 20-27..... | ..... | ..... | Present. |
| Costa Rica: | | | | |
| Limon..... | July 3-23..... | 3 | 1 | |
| Ecuador: | | | | |
| Bahia de Caraquez..... | July 6..... | 1 | 1 | Per ss. Ecuador, from Tumaco. |
| Guayaquil..... | May 26-Aug. 10..... | ..... | 61 | |
| Mexico: | | | | |
| Coatzacoalcos..... | June 12-Aug. 13..... | 9 | 4 | |
| Lampazos..... | Oct. 1-Jan. 1, 1904..... | ..... | 5 | |
| Merida..... | June 12-Aug. 20..... | 36 | 8 | |
| Progreso..... | July 23-29..... | 1 | 1 | |
| Tampico..... | June 12-18..... | 1 | ..... |  |
| Tehuantepec..... | June 19-Aug. 20..... | 41 | 16 | |
| Veracruz..... | June 18-Aug. 20..... | 27 | 4 | One on ss. Habana, from Progreso; one on American ss. Vigilancia, from Merida and Progreso. |

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

YELLOW FEVER—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|--------------------|------------------|--------|---------|---|
| Panama: | | | | |
| Ancon | Aug. 1 | 1 | ..... |  |
| Panama | June 10-July 18 | 2 | 2 | |
| Peru: | | | | |
| Callao | June 8 | 2 | ..... | Two cases from ss. Guatemala, from Panama and Valparaiso. |
| Rio Chiclayo | May 19 | 2 | ..... |  |
| Venezuela: | | | | |
| Maracaibo | July 18-24 | 1 | 1 | |
| West Indies: | | | | |
| Curacao | July 30-Aug. 5 | 1 | 1 | |

PLAGUE.

| | | | | |
|-----------------------------|-----------------|--------|-------|---|
| Australia: | | | | |
| Queensland— | | | | |
| Brisbane | May 3-June 18 | 13 | 3 | |
| Maryborough | June 5-11 | 2 | 1 | |
| New South Wales— | | | | |
| Sydney | May 17-June 25 | 4 | 2 | |
| Western Australia— | | | | |
| Perth | June 26-July 4 | 2 | 1 | |
| Brazil: | | | | |
| Bahia | June 16-Aug. 5 | 30 | 11 | |
| Rio de Janeiro | May 30-July 24 | 12 | 6 | |
| Chile: | | | | |
| Antofagasta | May 19-June 6 | 22 | 12 | May 1-31, 52 deaths. |
| Arica | July 10 ..... | ..... | 1 | |
| Valparaiso | June 2 | 4 | ..... |  |
| China: | | | | |
| Amoy | June 27-July 30 | ..... | 50 | Estimated. |
| Canton | May 28-June 2 | ..... | ..... | Epidemic. |
| Fatshan | June 2 ..... | ..... | ..... | Do. |
| Fa Ti | June 2 ..... | ..... | ..... | Present. |
| Foochow | May 1-31 ..... | ..... | ..... | Several hundred cases. (Report contradicted.) |
| Honam | May 28-June 2 | ..... | ..... | Epidemic. |
| Hongkong | May 15-July 23 | 267 | 260 | Four cases on unknown steamships from Amoy, Shek Loong, and Antung; 2 cases on steamships Glenogle and Restorer from Singapore. |
| Ko Tong | June 2 ..... | ..... | ..... | Epidemic. |
| Sai Nam | June 2 ..... | ..... | ..... | Do. |
| Wusung | May 29-June 4 | 1 | ..... | On ss. Australien from Kobe and other ports. |
| Egypt: | | | | |
| Alexandria | May 22-Aug. 6 | 42 | 22 | |
| Bahiana district | May 22-28 | 2 | ..... |  |
| Beni-Suef | June 11-July 30 | 20 | 12 | |
| Bibeh district | May 22-July 30 | 28 | 15 | |
| Dechneh district | May 22-June 4 | 5 | 7 | |
| Magagha district | May 22-28 | 1 | ..... |  |
| Minieh district | July 31-Aug. 6 | 1 | 1 | |
| Nag-Hamadi | June 11-July 2 | 13 | 7 | |
| Port Said | May 22-Aug. 6 | 5 | 3 | |
| Samallut district | May 22-July 23 | 18 | 6 | |
| Tatah district | May 22-28 | 1 | 1 | |
| Zagazig | May 29-Aug. 6 | 74 | 12 | |
| Formosa: | | | | |
| Ensuiko | May 15-July 30 | 242 | 177 | |
| Hozan | June 19-July 16 | 5 | 3 | |
| Kagi | May 15-July 2 | 152 | 135 | |
| Kelung | May 15-July 16 | 7 | 9 | |
| Pescadores | May 15-28 | 1 | ..... |  |
| Shinko | May 15-June 18 | 6 | 6 | |
| Taihoku | May 15-July 30 | 99 | 82 | |
| Tainan | May 15-July 30 | 848 | 806 | |
| Toroku | May 15-June 25 | 58 | 28 | |
| Toshien | July 3-23 | 1 | 1 | |
| Hawaii: | | | | |
| Hilo | July 21-Aug. 19 | 1 | 2 | |
| Honolulu | June 21-Aug. 23 | 3 | 3 | One death on ss. Coptic on Aug. 22. |
| India: | | | | |
| Bombay Presidency and Sind. | May 8-July 23 | 11,523 | 9,049 | |
| Madras Presidency | May 8-July 23 | 1,534 | 1,130 | |
| Bengal | May 8-July 23 | 1,842 | 1,622 | |

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

PLAGUE—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|--|------------------|---------|---------|---|
| India—Continued. | | | | |
| United Provinces..... | May 8-July 23 | 3,582 | 2,870 | |
| Punjab..... | May 8-July 23 | 86,844 | 74,418 | |
| Central provinces (including Berar)..... | May 8-July 23 | 108 | 83 | |
| Mysore State..... | May 8-July 23 | 3,220 | 2,179 | |
| Hyderabad State..... | May 8-July 23 | 422 | 371 | |
| Central India..... | May 8-July 23 | 224 | 195 | |
| Rajputana..... | May 8-July 23 | 888 | 674 | |
| Kashmir..... | May 8-July 23 | 833 | 467 | |
| Grand total..... | | 110,965 | 93,058 | |
| Japan: | | | | |
| Kobe..... | May 31..... | 1 | ..... | On ss. Korea from Hongkong via Amoy, Shanghai, and Nagasaki. |
| Mauritius..... | Apr. 8-June 16 | 11 | 10 | |
| Peru: | | | | |
| Trujillo..... | To July 25..... | ..... | 1 | |
| Callao..... | May 27-June 8 | 7 | 3 | One case on Chilean ss. Aconcagua from Valparaiso and Panama. |
| Colán..... | To July 25..... | 6 | ..... |  |
| Eten..... | September 1..... | ..... | ..... | Present. |
| Lima..... | May 22-July 30 | 75 | 28 | Number of cases from Oct., 1903, to May 15, 1904, 224. |
| Salaverry..... | To July 25..... | ..... | ..... | Present. |
| Payta..... | May 25-Aug. 10 | 102 | 48 | |
| Philippine Islands: | | | | |
| Cebu..... | May 25..... | ..... | 1 | |
| Manila..... | May 7-July 9 | 14 | 13 | |
| South Africa: | | | | |
| Cape Colony (Port Elizabeth). Transvaal— | May 15-July 9 | 6 | 1 | |
| Johannesburg..... | To July 3..... | 148 | 96 | |
| Turkey: | | | | |
| Lingah..... | Apr. 27-June 3 | ..... | 125 | |

SMALLPOX.

| | | | | |
|------------------------------|-----------------|-------|-------|---|
| Africa: | | | | |
| Cape Colony (Cape Town)..... | July 9-16..... | 1 | ..... |  |
| Argentina: | | | | |
| Buenos Ayres..... | Apr. 1-June 30 | ..... | 122 | |
| Austria-Hungary: | | | | |
| Prague..... | June 12-July 16 | 24 | ..... |  |
| Vienna..... | July 10-16..... | ..... | 1 | |
| Belgium: | | | | |
| Antwerp..... | May 29-June 4 | 2 | ..... |  |
| Brussels..... | June 5-July 9 | ..... | 2 | |
| Brazil: | | | | |
| Bahia..... | July 1-31..... | 49 | ..... |  |
| Pernambuco..... | May 8-July 15 | ..... | 124 | |
| Rio de Janeiro..... | May 9-July 24 | 1,572 | 746 | |
| Canada: | | | | |
| Manitoba, Winnipeg..... | July 24-Aug. 20 | 1 | 1 | |
| Chile: | | | | |
| Santiago..... | To May 19..... | 500 | ..... |  |
| China: | | | | |
| Hongkong..... | May 15-June 18 | 13 | 6 | Two cases imported from Shanghai via ss. Chi Yuen; 1 case imported from Saigon per s. s. Shoooh Sing. |
| Shanghai..... | May 15-July 30 | ..... | 30 | Epidemic. |
| Tientsin..... | May 15-21..... | ..... | ..... |  |
| Colombia: | | | | |
| Barranquilla..... | July 18-24..... | ..... | 1 | |
| Cuba: | | | | |
| Habana..... | June 19-25..... | ..... | 1 | |
| Formosa: | | | | |
| Tamsui..... | Apr. 1-June 30 | 6 | ..... |  |
| France: | | | | |
| Lyon..... | May 16-28..... | ..... | 4 | |
| Marseille..... | May 1-July 31 | ..... | 8 | |
| Paris..... | June 4-Aug. 13 | 98 | 11 | |
| Rouen..... | July 1-31..... | ..... | 2 | |
| Germany: | | | | |
| Berlin..... | July 16..... | 3 | ..... |  |

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

SMALLPOX—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-----------------------------|-----------------|--------|---------|-----------|
| Great Britain: | | | | |
| Birmingham | June 19-July 9 | 2 | ..... |  |
| Bradford | June 5-July 30 | 23 | 2 | |
| Bristol | June 5-July 2 | 14 | ..... |  |
| Cardiff | May 29-June 11 | 3 | ..... |  |
| Dublin | Aug. 12-18 | 3 | ..... |  |
| Edinburgh | June 5-July 30 | 8 | 5 | |
| Glasgow | June 11-Aug. 19 | 124 | 11 | |
| Leeds | June 12-Aug. 6 | 10 | ..... |  |
| Liverpool | June 12-Aug. 13 | 10 | ..... |  |
| London | June 4-Aug. 6 | 86 | 6 | |
| Manchester | June 6-Aug. 6 | 19 | 3 | |
| Newcastle on Tyne | June 4-Aug. 6 | 65 | 4 | |
| Nottingham | June 5-Aug. 6 | 35 | ..... |  |
| Sheffield | May 29-July 23 | 6 | ..... |  |
| South Shields | June 12-July 23 | 2 | ..... |  |
| India: | | | | |
| Bombay | May 25-Aug. 2 | ..... | 101 | |
| Calcutta | June 5-July 16 | ..... | 6 | |
| Karachi | May 30-July 17 | 6 | 4 | |
| Italy: | | | | |
| Milan | Apr. 1-30 | 1 | ..... |  |
| Palermo | May 16-Aug. 13 | 63 | 24 | |
| Japan: | | | | |
| Kobe | June 12-25 | 2 | ..... |  |
| Nagasaki | May 20-July 31 | 17 | 14 | |
| Yokohama | June 4-11 | 1 | ..... |  |
| Java: | | | | |
| Batavia | May 8-28 | 4 | 3 | |
| Mexico: | | | | |
| Mexico | June 6-Aug. 14 | 32 | 18 | |
| Tampico | June 12-July 2 | ..... | 3 | |
| Netherlands: | | | | |
| Amsterdam | June 5-11 | 1 | ..... |  |
| Rotterdam | July 10-16 | 1 | ..... |  |
| Panama: | | | | |
| Panama | June 13-19 | 1 | 1 | |
| Peru: | | | | |
| Arequipa | June 18 | ..... | ..... | Epidemic. |
| Callao | July 9 | ..... | ..... | Present. |
| Lima | July 17-30 | ..... | ..... | Do. |
| Payta | July 20 | ..... | ..... | Do. |
| Philippine Islands: | | | | |
| Manila | May 7-July 16 | 27 | 6 | |
| Russia: | | | | |
| Moscow | May 29-Aug. 6 | 127 | 48 | |
| Odessa | May 29-Aug. 13 | 9 | 2 | |
| St. Petersburg | May 29-Aug. 6 | 91 | 22 | |
| Warsaw | May 8-July 16 | ..... | 202 | |
| Spain: | | | | |
| Barcelona | May 21-Aug. 10 | ..... | 67 | |
| Cadiz | May 1-June 20 | ..... | 3 | |
| Straits Settlements: | | | | |
| Singapore | May 8-14 | ..... | 1 | |
| Turkey: | | | | |
| Alexandretta | June 5-Aug. 6 | ..... | 11 | |
| Beirut | July 24-30 | ..... | ..... | Do. |
| Constantinople | May 30-Aug. 7 | ..... | 44 | |
| Smyrna | June 27-July 24 | ..... | 2 | |

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. |
| Aix la Chapelle | July 30 | 145,132 | 144 | 6 | | | | | | | | | | |
| Do | Aug. 6 | 145,132 | 137 | 3 | | | | | | | | | | |
| Alexandretta | do | 9,000 | 8 | | | | | 6 | | | | | | |
| Amsterdam | Aug. 20 | 548,430 | 141 | 10 | | | | | | | | | 5 | 2 |
| Antwerp | Aug. 13 | 294,669 | 105 | | | | | | 1 | | | | 2 | 2 |
| Athens | Aug. 14 | 200,000 | | 7 | | | | | 3 | 1 | | 1 | | |
| Barmen | Aug. 13 | 150,212 | 56 | 5 | | | | | | | | | 1 | |
| Barranquilla | Aug. 15 | 45,000 | 12 | 2 | | | | | | | | | | |
| Beirut | Aug. 13 | 80,000 | 16 | | | | | | | | | | | |
| Belfast | do | 358,693 | 128 | | | | | | | 1 | | | | 5 |
| Belize | Aug. 25 | 9,000 | 5 | | | | | | | | | | | |
| Berlin | July 30 | 1,970,202 | 633 | 72 | | | | | | 3 | 13 | 6 | 7 | |
| Do | Aug. 6 | 1,970,202 | 884 | 70 | | | | | | 1 | 9 | 6 | 19 | |
| Birmingham | Aug. 13 | 537,965 | 314 | | | | | | | | | 1 | 2 | 4 |
| Do | Aug. 20 | 537,965 | 251 | | | | | | | 1 | 2 | 1 | 3 | 8 |
| Bristol | do | 343,204 | 105 | | | | | | | | | | | 4 |
| Bombay | Aug. 2 | 776,006 | 581 | 69 | 55 | 23 | | 8 | | | | | 4 | |
| Brussels | Aug. 13 | 575,896 | 183 | 22 | | | | | | 1 | | | 1 | 1 |
| Budapest | do | 732,322 | | | | | | | | 2 | 4 | 2 | 4 | |
| Calcutta | July 23 | 847,796 | 367 | 24 | 6 | 13 | | | | | | | | |
| Do | July 30 | 847,796 | 341 | 20 | 6 | 2 | | | | | | | 1 | |
| Cape Town | July 23 | 83,718 | | | | | | | | | | | | |
| Cartagena | Aug. 14 | 30,000 | 11 | | | | | | | | | | | |
| Catania | Aug. 18 | 153,523 | 99 | 1 | | | | | 2 | 7 | | 5 | | |
| Coburg | Aug. 12 | 23,028 | 7 | 2 | | | | | | | | | | |
| Cologne | Aug. 13 | 414,162 | 246 | 19 | | | | | | | | 5 | 2 | 2 |
| Colombo | July 30 | 185,869 | 109 | | | | | | | 2 | | | | |
| Colon | Aug. 21 | 8,000 | 5 | | | | | | | | | | | |
| Copenhagen | Aug. 12 | 500,000 | 122 | 13 | | | | | | | | | | |
| Dublin | Aug. 18 | 378,994 | 199 | 37 | | | | | | 1 | 1 | 2 | 5 | 4 |
| Edinburgh | Aug. 13 | 331,977 | 97 | | | | | | | | 1 | 1 | 2 | 5 |
| Fiume | Aug. 14 | 40,000 | | | | | | | | | | | | |
| Flushing | Aug. 10 | 19,105 | 6 | | | | | | | | | | | |
| Frankfort on the Main | Aug. 13 | 316,000 | 115 | | | | | | | 2 | | 2 | | 1 |
| Geneva | Aug. 6 | 111,000 | 24 | | | | | | | | | | | |
| Girgenti | Aug. 13 | 25,069 | 11 | | | | | | | | | | | |
| Glasgow | Aug. 19 | 798,357 | 266 | | | | | | | | 1 | 3 | 2 | 17 |
| Gothenburg | Aug. 13 | 135,314 | 26 | 2 | | | | | | | | | | |
| Halifax | Aug. 27 | 40,787 | 22 | | | | | | | | | | | |
| Havre | Aug. 7 | 130,196 | 90 | 8 | | | | | | | | | 4 | |
| Hull | Aug. 13 | 253,865 | 152 | | | | | | | 1 | | 1 | 6 | |
| Karachi | July 31 | 108,644 | 56 | | | | | | | | | | | |
| Kingston, Jamaica | Aug. 13 | 52,475 | | | | | | | | 1 | | | | |
| Las Palmas | July 30 | 49,500 | 22 | | | | | | | | | | | |
| Do | Aug. 6 | 49,500 | 28 | | | | | | | | | | | |
| Do | Aug. 13 | 49,500 | 24 | | | | | | | | | | | |
| Lausanne | Aug. 6 | 50,800 | 18 | | | | | | | | | | | |
| Leipsic | Aug. 13 | 496,370 | 367 | 16 | | | | | | | 1 | 4 | | |
| Leith | do | 80,508 | 23 | | | | | | | | | | | |
| Licata | do | 25,000 | 15 | 1 | | | | | 2 | 7 | | 3 | 18 | 3 |
| Liverpool | do | 723,430 | 525 | | | | | | | | 1 | 3 | 10 | 12 |
| Do | Aug. 20 | 723,430 | 546 | | | | | | | | 1 | 4 | 5 | 10 |
| London | Aug. 13 | 6,907,756 | 2,941 | | | | | 1 | | 4 | 10 | 13 | 45 | 31 |
| Lyon | Aug. 6 | 500,000 | 172 | 29 | | | | | | 2 | 1 | 1 | | |
| Do | Aug. 13 | 500,000 | 177 | 24 | | | | | | 3 | 1 | 1 | | |
| Madras | July 29 | 509,346 | 321 | | | | | | | | | | 1 | |
| Manchester | Aug. 13 | 543,872 | 249 | 27 | | | | | | | 1 | 1 | 3 | 2 |
| Messina | do | 107,000 | 22 | 2 | | | | | | | | | | |
| Mexico | Aug. 14 | 368,777 | 272 | 31 | | | | 6 | 2 | | | 2 | 3 | 1 |
| Moscow | Aug. 18 | 1,173,427 | 596 | 4 | | | | 1 | 1 | 1 | 10 | 5 | 26 | 1 |
| Newcastle-on-Tyne | Aug. 15 | 225,362 | 90 | | | | | | | | | 1 | | 1 |
| Odessa | Aug. 13 | 492,000 | 222 | 26 | | | | | | 4 | 10 | 3 | 5 | |
| Palermo | do | 330,000 | 98 | 5 | | | | 1 | | | | | | |
| Panama | Aug. 20 | 20,000 | 21 | 4 | | | | 3 | | | | | | 1 |
| Prague | Aug. 13 | 225,816 | 116 | 26 | | | | | | | | 1 | 1 | 1 |
| Puerto Cortez | Aug. 25 | 2,125 | 0 | | | | | | | | | | | |
| Plymouth | Aug. 20 | 112,000 | 38 | | | | | | | 2 | | | | |
| Rotterdam | do | 366,815 | 116 | | | | | | | | | 1 | | |
| St. John, N. B. | Aug. 27 | 40,711 | 13 | | | | | | | | | | | |
| St. Stephen, N. B. | do | 2,840 | | | | | | | | | | | | |
| Salford | Aug. 13 | 220,957 | 122 | 11 | | | | | | | | 4 | 8 | 3 |

a Estimated.

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. |
| San Feliu de Guixols.. | Aug. 14 | 11,333 | 5 | 2 | | | | | | | | |
| Santa Cruz de Tenerife | Aug. 13 | 40,000 | 11 | 2 | | | | | | | | |
| Singapore..... | July 16 | 97,111 | 235 | 29 | | | | | | | | |
| Smyrna..... | July 31 | 60,000 | 58 | 12 | | | | | | | | |
| Do..... | Aug. 7 | 60,000 | 86 | 11 | | | | | | | | |
| Solingen..... | Aug. 6 | 15,142 | 19 | | | | | | | | | |
| Do..... | Aug. 13 | 15,142 | 21 | | | | | | | | | |
| Southampton..... | Aug. 13 | 112,500 | 33 | 1 | | | | | | | | |
| Do..... | Aug. 20 | 112,500 | 41 | 4 | | | | | | | | |
| South Shields..... | Aug. 15 | 107,334 | 14 | 3 | | | | | | | | |
| Stettin..... | Aug. 13 | 228,085 | 192 | | | | | | | | | |
| Stockholm..... | Aug. 6 | 309,496 | 91 | 15 | | | | | | | | |
| Stuttgart..... | Aug. 11 | 176,318 | 92 | 2 | | | | | | | | |
| Do..... | Aug. 18 | 176,318 | 79 | 1 | | | | | | | | |
| Trapani..... | Aug. 13 | 61,477 | 18 | | | | | | | | | |
| Trieste..... | Aug. 6 | 178,127 | 91 | 10 | | | | | | | | |
| Do..... | Aug. 13 | 178,127 | 103 | 17 | | | | | | | | |
| Tuxpan..... | Aug. 23 | 13,000 | 12 | | | | | | | | | |
| Vienna..... | Aug. 13 | 1,797,992 | 623 | 69 | | | | | | | | |
| Windsor, N. S..... | Aug. 27 | 8,000 | 0 | | | | | | | | | |
| Winnipeg..... | Aug. 20 | 70,000 | | | | | | | | | | |
| Yokohama..... | July 30 | 313,695 | | | | | | | | | | |
| Zurich..... | Aug. 6 | 161,143 | 60 | 9 | | | | | | | | |
| Do..... | Aug. 13 | 161,143 | 46 | 4 | | | | | | | | |

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.