

ABSTRACT OF SANITARY REPORTS.

VOL. VIII. WASHINGTON, D. C., DECEMBER 29, 1893. No. 52.

TREASURY DEPARTMENT, U. S. Marine-Hospital Service.—Published in accordance with act of Congress approved February 15, 1893.

UNITED STATES.

SPECIAL REPORTS.

Report of immigration at Boston for the week ended December 23, 1893.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, Mass., December 26, 1893.

Number of alien immigrants who arrived at this port during the week ended December 23, 1893; also the name of vessel and the port from which it arrived.

| Date. | Vessel. | Where from. | No. of immigrants. |
|---------------------|----------------------------|-------------------------|--------------------|
| 1893. Dec. 19... | Steamship Cephalonia | Liverpool, England..... | 116 |

S. C. WRIGHTINGTON,
Commissioner of Immigration.

To the SUPERVISING SURGEON-GENERAL M. H. S.

Report of immigration at New York for the week ended December 23, 1893.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, December 23, 1893.

Number of alien immigrants who arrived at this port during the week ended December 23, 1893; also names of vessels and ports from which they arrived.

| Date. | Vessel. | Where from. | No. of immigrants. |
|------------------|----------------------------------|-------------------------------|--------------------|
| 1893. Dec. 17 | Steamship Paris..... | Southampton | 138 |
| 17 | Steamship Donna Maria..... | Lisbon and The Azores..... | 89 |
| 19 | Steamship Aurania..... | Liverpool | 99 |
| 19 | Steamship H. H. Meier..... | Bremen | 253 |
| 19 | Steamship Dubbeldam | Rotterdam | 54 |
| 19 | Steamship La Champagne..... | Havre | 167 |
| 20 | Steamship Friesland..... | Antwerp..... | 185 |
| 20 | Steamship Rhaetia..... | Hamburg..... | 159 |
| 20 | Steamship Spaarndam..... | Rotterdam..... | 76 |
| 20 | Steamship Virginia..... | Stettin, Gothenberg, etc..... | 135 |
| 20 | Steamship Chateau Lafite..... | Bordeaux | 31 |
| 21 | Steamship Werra..... | Genoa | 422 |
| 21 | Steamship Elysia..... | Naples..... | 342 |
| 22 | Steamship Marsala..... | Hamburg..... | 64 |
| 23 | Steamship Aller..... | Bremen..... | 134 |
| 23 | Steamship Olinda..... | Lisbon and The Azores..... | 2 |
| 23 | Steamship State of Nebraska..... | Glasgow..... | 95 |
| | Total..... | | 2,445 |

Dr. J. H. SENNER,
Commissioner of Immigration.

To the SUPERVISING SURGEON-GENERAL M. H. S.

*Report of immigration at Philadelphia for the week ended December 23, 1893.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, Pa., December 23, 1893.**Number of alien immigrants who arrived at this port during the week ended December 23, 1893; also name of vessel and port from which it arrived.*

| Date. | Vessel. | Where from. | No. of immigrants. |
|------------------|-----------|----------------|--------------------|
| 1893. Dec. 20 | Ohio..... | Liverpool..... | 110 |

JNO. J. S. RODGERS,
Commissioner of Immigration.

To the SUPERVISING SURGEON-GENERAL M. H. S.

Recall of officers serving at foreign ports.

By order of the Supervising Surgeon-General, Marine-Hospital Service, the inspection of vessels and emigrants at foreign ports by officers of the Marine-Hospital Service was discontinued on December 15, 1893. During the winter the quarantine regulations will be enforced by the consular officers at the various ports.

Surgeon Fairfax Irwin, Marine-Hospital Service, has been ordered from London to St. Petersburg, with instructions to visit various parts of Russia for the purpose of keeping the Bureau informed regarding prevalence of cholera and other contagious diseases.

List of countries and places in which cholera has been officially reported since June 1, 1893.

AFRICA.—Alexandria, at lazaretto; Mogador, quarantine station; Saint Louis, Richard Tull, Dagana. N'Daen, Dalmath, Podor, Malam, and Goree-Dakar, Senegal.

ARABIA.—Djeddah, Mecca, Medina, Mina; also along the Hejaz.

AUSTRIA AND AUSTRIA-HUNGARY.—Beregh, Bohorodezany, Bralia (Roumania), Dees, Doboka, Hattyan-Kerec, Kolomea, Nadworna, Sanok, Stanislaw, Szaholes, Szalnok, Szatmar, Tisza, Vienna; also in Galicia and Bukowina, Buda-Pesth, Kis-Varda, Doreebad, Szaboles (county of), Marmoros (county), Jasz-Nagy-Kun Szolnok.

BELGIUM.—Antwerp, city and province, Brussels.

BRAZIL.—Rio de Janeiro,* San Paulo.

CANARY ISLANDS.—Teneriffe.

FRANCE.—Alais, Aubenas, Avignon, Bordeaux, Brest, Cadiè, Camaret, Cette, Chautenay les Nantes, Cuers, Hyères, Larcac, La Seyne, La Vallette, Lambazellec, Limoges, Lorient district, Lyons, Marseilles, Mines, Mirepoix, Montpellier, Nantes, Pamiers, Pierre Benité, Privas, Roubaix, Salon, Sorgues, Toulon, Toulouse, Vannes district, department of Basses Alpes.

GERMANY.—Barmen, Berlin, Cologne, Danzig, Donaueschingen, Duisburg, Gartz, Gleiwitz, Gollnow, Geestemünde, Hamburg, Homberg (district of Moers), Magdeburg, Neuss, Neuwid, Newsaltz, Neustadt, Papier-

* Officially denied.

mühle, Potsdam, Ragnit, Solingen, Stettin, St. Goars, St. Goarshausen, Tilsit, districts of Briesen, Augermünde, Gleinitz, Ruppin, Zauch-Belzig.

GREAT BRITAIN.—Hull, Grimbsy, Liverpool, London, Newcastle, Rotherham.

INDIA.—Calcutta.

ITALY.—Aquila (province of), Anna Capri, Alessandria (province of), Barra, Bubbio, Caivano, Campalasso, Capri (island of), Castellamare, Canerta, Cueno (province of), Feddio, Fresonaro, Furori Grotta, Gragnano, Gaeta, Genoa, Leghorn, Maddaloni, Montegioco, Naples,* Origlio, Pisa, Palermo, Pavia, Piedmont, Roccanerano, Rome, Rounigliano, Rouaverano, San Giuliano Vecchio, San Salvatore, Sorrento, Sulmona, Torre Garfali, Torre Annunziata, Trapani.

JAPAN.—Hiogo, Osaka.

NETHERLANDS.—Ameide, Amsterdam, Avereest, Delft, Deventer, Dubbledam, Durgerdam, Elden, Giesendam, Hansweert, Kralingen, Koog a. d. Zaan, Leerdam, Molenaarsgraaf, Nieuwe-Wetering, Oudshoorn a. d. Rhijn, Ouwerschie, Puttershock, Renkum, Rotterdam, Rumpt, Rozendaal, Streefkerk, Ter Neusen, The Hague, Utrecht, Wonbrugge, Werkendam, Ysselmonde, Zuilichem, Zwijndregt, Zaandam.

PERSIA.—Teheran.

RUSSIA.—Governments of Astrakhan, Baku, Bessarabia, Charchoff, Cherson district, Daghestan, Don district, Elissavetpol, Ekaterinoslav, Erivan, Grodno, Kalish, Kars, Kaluga, Kazan, Kharkoff, Kieff, Koutais, Kostroma, Kovno, Kuban, Kursk, Kutaisk, Livonia, Lublinsk, Lomza, Minsk, Moscow, Movieff, Nicolaieff, Nijni-Novgorod, Novocheerkask, Orel, Olonetz, Orenberg, Orloff, Perm, Penza, Petersburg, Plozk, Podolia, Podolsk, Plotova, Pskoff, Radom, Redout-Kale, Riazan, Saratoff, Samara, Sedletz, Sebastopol, Simbirsk, Smolensk, Stavropol, Suwalki, Tamboff, Taurida, Tersk, Tchernigoff, Terscheu district, Tiflis, Tobolsk, Tomsk, Tula, Tver, Ufa, Vilna, Viatka, Vladimir, Volinsk, Volhymnia, Voronesh, Warsaw, Yaroslaff; cities of Baku, Batoum, Cronstadt, Ekaterinoslav, Helsingfors, Kertch Kieff, Moscow, Nijni-Novgorod, Odessa, Poti, Rostoff, Riga, St. Petersburg, Sebastopol, Televa, Tiflis, Warsaw.

SERVIA.—Belgrada.

SPAIN.—Abando, Algorta, Amorevieta, Arboleda, Arrigarriaga, Baracaldo, Basauri, Begofia, Berango, Berriatua, Bilboa, Catalonia, Campillo, Deusto, Echavarria, Erandio, Gallarta, Galdames, Guenes, Labarge, La Concha, La Franco Belga, Las Arenas, Les Carreras, Lejona, Matamoras, Musques, Legueitio, Orconera, Ortuella, Parcocha, Portugalete, Pucheta, San Salvador del Valle, Santurce, Sestao, Turre, Urioste, Ursuell, Vedia, Zalle.

SWEDEN.—Umeå.

TURKEY.—Aboulhassib, Abovdjeruil, Abrufassié, Avassum, Bagdad, Bassorah, Constantinople, Chatra Amara, Djilila, Guèmah, Hai, Hassan-Hayoun, Hit, Aamissieh, Kut, Menasin, Mohammerah, Mountefik, Nazrieh, Samara, Shouk-el-Sheouk, Smyrna, Tau, Zolen, Zubeir.

UNITED STATES.—Jersey City.

Cities where yellow fever has been officially reported to this Bureau as existing since June 1, 1893.

BRAZIL.—Pará, Pernambuco, Rio de Janeiro, Santos.

CUBA.—Cienfuegos, Havana, Matanzas, Neuvidas, Sagna la Grande, Santiago de Cuba.

* In the province of Naples the following towns are reported: Cassino Chinetela, Gragnano, Nocera, Pagana, Scafati.

COSTA RICA.—Limon.

ECUADOR.—Guayaquil.

MEXICO.—Merida, Vera Cruz.

COLOMBIA.—Bocas del Toro.

UNITED STATES.—Georgia, Brunswick, Detention Camp near Waynesville, Jesup, near Hazelhurst, 1 case; St. Simonds Island, Jekyl Island, Conquest's Camp.

VENEZUELA.—Caracas.

VESSELS REMAINING, ARRIVING AT, AND DEPARTING FROM UNITED STATES QUARANTINE STATIONS.

CAPE CHARLES QUARANTINE.

Week ended December 23, 1893.

One vessel inspected and passed.

DELAWARE BREAKWATER QUARANTINE, REEDY ISLAND STATION.

Week ended December 17, 1893.

Twenty-five vessels inspected and passed.

Week ended December 24, 1893.

Fourteen vessels inspected and passed.
Four vessels spoken and passed.

PORT TOWNSEND QUARANTINE.

Week ended December 16, 1893.

One vessel inspected and passed.

SAN DIEGO QUARANTINE.

Week ended December 20, 1893.

Two vessels inspected and passed.

SOUTH ATLANTIC QUARANTINE.

Week ended December 16, 1893.

| Name of vessel. | Date of arrival. | Where from. | Destination. | Treatment of vessel and cargo. | Date of departure. |
|-------------------------|------------------|--------------|-----------------|--------------------------------|--------------------|
| Russian sc. Zeriba..... | Dec. 12 | Havana | Waiting orders. | Held for disinfection. | |

Reports of States and yearly and monthly reports of cities.

ALABAMA—*Mobile*.—Month of November, 1893. Population, 31,076. Total deaths, 80, including phthisis pulmonalis, 10.

ILLINOIS—*Chicago*.—Month of November, 1893. Estimated population, 1,600,000. Total deaths, 1,804, including phthisis pulmonalis, 169; enteric fever, 43; scarlet fever, 24; diphtheria, 84; smallpox, 2; measles, 8; and whooping cough, 10.

MASSACHUSETTS—*Northampton*.—Month of November, 1893. Population, 16,400. Total deaths, 25, including phthisis pulmonalis, 8, and measles, 1.

MICHIGAN.—Week ended December 16, 1893. Reports to the State board of health from 58 observers indicate that scarlet fever and tonsil-

Table of temperature and rainfall, week ended December 18, 1893.

[Received from Department of Agriculture, Weather Bureau.]

| Locality. | Temperature in degrees Fahrenheit. | | | Rainfall in inches and hundredths. | | |
|-----------------------------------|------------------------------------|----------|-------------|------------------------------------|---------|-------------|
| | Normal. | *Excess. | *Defic'ncy. | Normal. | Excess. | Deficiency. |
| New England States: | | | | | | |
| Eastport, Me. | 26 | | 14 | .98 | 1.39 | |
| Portland, Me. | 24 | | 11 | .77 | .94 | |
| Northfield, Vt. | 21 | | 15 | .68 | .61 | |
| Boston, Mass. | 32 | | 10 | .71 | .82 | |
| Nantucket, Mass. | 35 | | 5 | .77 | .67 | |
| Block Island, R. I. | 37 | | 7 | .91 | 1.13 | |
| New London, Conn. | 34 | | 9 | .77 | .68 | |
| Middle Atlantic States: | | | | | | |
| Albany, N. Y. | 30 | | 9 | .63 | .41 | |
| New York, N. Y. | 35 | | 2 | .70 | .41 | |
| Philadelphia, Pa. | 36 | 0 | | .56 | .72 | |
| Atlantic City, N. J. | 36 | 1 | | .87 | | .07 |
| Baltimore, Md. | 38 | 1 | | .70 | | |
| Washington, D. C. | 37 | 2 | | .68 | .01 | |
| Lynchburg, Va. | 40 | 1 | | .79 | | .51 |
| Norfolk, Va. | 44 | 1 | | .84 | | .12 |
| South Atlantic States: | | | | | | |
| Charlotte, N. C. | 44 | | 1 | 1.07 | | .34 |
| Raleigh, N. C. | 43 | 1 | | .62 | 1.50 | |
| Wilmington, N. C. | 49 | 1 | | .77 | .19 | |
| Charleston, S. C. | 52 | | 0 | .84 | .03 | |
| Augusta, Ga. | 49 | | 0 | .84 | .04 | |
| Savannah, Ga. | 53 | | 1 | .81 | | .11 |
| Titusville, Fla. | 62 | 1 | | .75 | .45 | |
| Jupiter, Fla. | 67 | 2 | | .37 | .07 | |
| Jacksonville, Fla. † | | | | | | |
| Key West, Fla. | 70 | 1 | | .42 | .62 | |
| Gulf States: | | | | | | |
| Atlanta, Ga. | 45 | | 1 | 1.11 | .30 | |
| Pensacola, Fla. | 55 | 4 | | 1.05 | | .97 |
| Mobile, Ala. | 52 | 5 | | 1.03 | | .40 |
| Montgomery, Ala. | 50 | 3 | | 1.12 | | .28 |
| Wicksburg, Miss. † | | | | | | |
| New Orleans, La. | 60 | 4 | | 1.05 | .19 | |
| Shreveport, La. | 50 | 7 | | 1.12 | | .45 |
| Fort Smith, Ark. | 43 | 3 | | .70 | | .03 |
| Little Rock, Ark. | 45 | 2 | | .90 | .50 | |
| Palestine, Tex. | 52 | 7 | | .77 | | .38 |
| Galveston, Tex. | 58 | 4 | | 1.05 | | .83 |
| San Antonio, Tex. | 55 | 8 | | .42 | | .38 |
| Corpus Christi, Tex. | 59 | 5 | | .37 | | .37 |
| Ohio Valley and Tennessee: | | | | | | |
| Memphis, Tenn. | 44 | 3 | | .81 | 1.10 | |
| Nashville, Tenn. | 42 | | 1 | .70 | .67 | |
| Chattanooga, Tenn. | 43 | 0 | | .98 | | .23 |
| Knoxville, Tenn. | 40 | 1 | | .91 | | .13 |
| Louisville, Ky. | 39 | | 3 | .84 | | .32 |
| Indianapolis, Ind. | 33 | | 3 | .77 | .84 | |
| Cincinnati, Ohio. | 37 | | 2 | .77 | | .50 |
| Columbus, Ohio. | 34 | | 1 | .70 | .11 | |
| Pittsburg, Pa. | 35 | 0 | | .63 | .55 | |
| Lake Region: | | | | | | |
| Oswego, N. Y. | 29 | | 8 | .77 | .86 | |
| Rochester, N. Y. | 29 | | 6 | .63 | .97 | |
| Buffalo, N. Y. | 30 | | 5 | .77 | .69 | |
| Erie, Pa. | 33 | | 1 | .77 | .10 | |
| Cleveland, Ohio. | 31 | | 1 | .63 | .53 | |
| Sandusky, Ohio. | 32 | | 2 | .63 | .36 | |
| Toledo, Ohio. | 31 | | 3 | .56 | .85 | |
| Detroit, Mich. | 31 | | 4 | .62 | .58 | |
| Port Huron, Mich. | 28 | | 3 | .55 | 1.01 | |
| Alpena, Mich. | 25 | | 7 | .56 | .90 | |
| Marquette, Mich. | 23 | | 6 | .50 | 2.08 | |
| Green Bay, Wis. | 23 | | 7 | .63 | .42 | |
| Grand Haven, Mich. | 30 | | 3 | .61 | 1.31 | |
| Milwaukee, Wis. | 27 | | 8 | .49 | 1.07 | |
| Chicago, Ill. | 29 | | 7 | .53 | .19 | |
| Duluth, Minn. | 18 | | 9 | .28 | .43 | |
| Upper Mississippi Valley: | | | | | | |
| St. Paul, Minn. | 19 | | 10 | .28 | | .18 |
| Lacrosse, Wis. | 24 | | 10 | .29 | .30 | |
| Dubuque, Iowa. | 26 | | 10 | .42 | .24 | |
| Davenport, Iowa. | 28 | | 10 | .42 | .12 | |

*The figures in these columns represent the average daily departure. To obtain the average weekly departure these should be multiplied by seven.
 †Not received.

Table of temperature and rainfall, week ended December 18, 1893—Continued.

| Locality. | Temperature in degrees Fahrenheit. | | | Rainfall in inches and hundredths. | | |
|-----------------------------------------|------------------------------------|----------|--------------|------------------------------------|---------|-------------|
| | Normal. | *Excess. | *Deficiency. | Normal. | Excess. | Deficiency. |
| Upper Mississippi Valley—Cont'd. | | | | | | |
| Des Moines, Iowa..... | 26 | | 8 | .35 | | .14 |
| Keokuk, Iowa..... | 30 | | 7 | .49 | | .32 |
| Springfield, Ill..... | 33 | | 6 | .63 | | .34 |
| Cairo, Ill..... | 39 | 0 | | .74 | .17 | |
| St. Louis, Mo..... | 37 | | 4 | .56 | .11 | |
| Missouri Valley: | | | | | | |
| Springfield, Mo..... | 37 | | 0 | .52 | | .01 |
| Kansas City, Mo..... | 33 | 0 | | .31 | | .29 |
| Concordia, Kans..... | 33 | | 2 | .16 | | .15 |
| Omaha, Nebr..... | 27 | | 4 | .21 | | .09 |
| Yankton, S. Dak..... | 24 | | 9 | .21 | | .19 |
| Valentine, Nebr..... | 25 | | 3 | .14 | | .13 |
| Huron, S. Dak..... | 18 | | 8 | .21 | | .18 |
| Pierre, S. Dak..... | 21 | | 7 | .12 | | .03 |
| Moorehead, Minn..... | 12 | | 10 | .20 | 1.08 | |
| St. Vincent, Minn..... | 7 | | 17 | .14 | | .14 |
| Bismarck, N. Dak..... | 14 | | 11 | .14 | .17 | |
| Rocky Mountain Slope: | | | | | | |
| Havre, Mont..... | 19 | | 5 | .14 | | .12 |
| Helena, Mont..... | 24 | 3 | | .21 | | .20 |
| Rapid City, S. Dak..... | 32 | | 8 | .01 | .04 | |
| Spokane, Wash..... | 31 | 3 | | .63 | | .58 |
| Wallawalla, Wash..... | 39 | 1 | | .62 | | .55 |
| Winnemucca, Nev..... | 32 | | 2 | .28 | | .14 |
| Salt Lake City, Utah..... | 35 | 3 | | .35 | | .32 |
| Cheyenne, Wyo..... | 30 | 8 | | .07 | | .07 |
| North Platte, Nebr..... | 28 | | 2 | .19 | | .19 |
| Denver, Colo..... | 34 | 8 | | .14 | | .14 |
| Pueblo, Colo..... | 35 | 2 | | .09 | | .08 |
| Dodge City, Kans..... | 33 | 5 | | .14 | | .14 |
| Abilene, Tex..... | 48 | 5 | | .25 | | .25 |
| Santa Fe, N. Mex..... | 33 | 3 | | .15 | .04 | |
| El Paso, Tex..... | 46 | 3 | | .14 | | .14 |
| Tucson, Ariz..... | 52 | 3 | | .28 | | .28 |
| Pacific Coast: | | | | | | |
| Port Angeles, Wash..... | 38 | 2 | | 1.22 | | .37 |
| Olympia, Wash..... | 41 | | 0 | 2.24 | .58 | |
| Portland, Oregon..... | 42 | 0 | | 1.95 | | 1.29 |
| Roseburg, Oregon..... | 43 | | 5 | 1.47 | | .93 |
| Red Bluff, Cal..... | 47 | 2 | | 1.25 | | .45 |
| Sacramento, Cal..... | 48 | | 1 | .98 | | .62 |
| San Francisco, Cal..... | 52 | | 0 | 1.19 | | .69 |
| Fresno, Cal..... | 46 | 2 | | .35 | | .20 |
| Keeler, Cal..... | 44 | 2 | | .07 | | .07 |
| Los Angeles, Cal..... | 56 | 2 | | 1.14 | | .77 |
| San Diego, Cal..... | 56 | 1 | | .56 | | .56 |
| Yuma, Ariz..... | 57 | 2 | | .14 | | .14 |

*The figures in these columns represent the average daily departure. To obtain the average weekly departure these should be multiplied by seven.

FOREIGN.

[Reports received from the medical officers of the U. S. Marine-Hospital Service stationed at foreign ports, from the United States consuls through the Department of State, and from other sources.]

CUBA.

Arrival of steamship Montevideo at Havana with smallpox on board.

HAVANA, CUBA, *December 20, 1893.*

SIR: I have the honor to inform you that the Spanish steamship *Montevideo*, which left Cadiz on the 2d instant, stopping at Las Palmas de Gran Canaria about the 4th and afterwards at San Juan de Puerto Rico, arrived at this port on the 18th instant with 800 passengers, of whom 182 were emigrants from the Canary Islands, but the vessel did not touch at the island of Teneriffe.

There had been no deaths on the voyage, and the only sickness of importance was a woman with smallpox; the rest of the people appeared well.

The hospitals here are being watched in reference to intestinal diseases and I take pleasure in reporting no increase of sickness of a diarrheal character.

Every few days a steamer arrives from Spain, etc., with one or more cases of smallpox aboard, and, as usual here, the vessel is almost immediately given pratique, the sick of it allowed to go where they like, and the remainder of the passengers, upon whom no attempt whatever is made to ascertain their immunity or nonimmunity from the disgusting disease, scatter over the city and island as they please. The consequence is that smallpox is increasing on the island.

Very respectfully, your obedient servant,

D. M. BURGESS,
Sanitary Inspector, M. H. S.

To the SUPERVISING SURGEON-GENERAL M. H. S.

GERMANY.

Cholera in Germany during the two weeks ended December 7, 1893.

BREMEN, GERMANY, *December 10, 1893.*

SIR: According to the report of the imperial health office, there have been only 19 cases of cholera in all Germany during the two weeks ended December 7. Of these, 6 were mild attacks, in which the presence of the cholera bacteria was established. Twelve of the 19 cases occurred in 6 places in the River Oder territory and 7 in Elbe territory. Only 5 of the cases reported proved fatal.

Very respectfully,

P. W. CARRINGTON,
Passed Assistant Surgeon, M. H. S.

To the SUPERVISING SURGEON-GENERAL M. H. S.

GIBRALTAR.

Quarantine notice.

GIBRALTAR, *December 11, 1893.*

It has been decided by the board of health to impose a quarantine of five days on arrivals at this port from Odessa, Tripoli, and Salonica.

By order,

JOHN C. KING,
Secretary to the Board of Health.

GREAT BRITAIN.

Transactions at Blackwall during the week ended December 9.

UNITED STATES CONSULATE-GENERAL,
London, December 12, 1893.

SIR: I have the honor to make the following report of transactions at Blackwall for the week ended December 9: Sixty-one detained from previous week, luggage disinfected and passed; 23 from Galicia detained, luggage disinfected and passed; 17 from noninfected localities passed without detention; total, 101.

Respectfully, yours,

FAIRFAX IRWIN,
Surgeon, M. H. S.

To the SUPERVISING SURGEON-GENERAL M. H. S.

HOLLAND.

One case of cholera at Amsterdam.

UNITED STATES CONSULATE,
Amsterdam, December 11, 1893.

SIR: Dr. Saltet, director of the sanitary service of Amsterdam, reports to me to-day a case of Asiatic cholera. The patient, a book-peddler by occupation and a resident of this city, has been removed to the hospital for infectious diseases, and every precaution has been taken to disinfect his dwelling.

I am, sir, your obedient servant,

EDWARD DOWNES,
Consul.

To the Hon. JOSIAH QUINCY,
Assistant Secretary of State.

INDIA.

Extract from administration and progress report on the Mofussil civil hospitals and dispensaries for the year 1892.

During the year under review four new dispensaries were opened at Kápsi, Ránpur, Badin, and Rato-dero, and information is given in the report for the first time regarding ten other dispensaries which were opened in former years. The total number of hospitals and dispensaries working in the Mofussil was 258 at the end of the year.

The total number of patients treated was 1,880,327, of whom 28,372 were indoor and 1,851,955 outdoor patients, as compared with 1,732,858 in 1891. In Aden and Persian Gulf hospitals and dispensaries there was a small decrease in the number treated, and in the Konkan the increase was slight; in the Deccan, Gujarát, and Sind, however, there were increases of 31,273, 69,822, and 43,341, respectively. As compared with the previous year the season was generally unhealthy, and it is chiefly to this cause, though partly also to the opening of new institutions, that the general increase of patients must be ascribed.

The number of cases of cholera which came under treatment was 5,121, as against 2,131 in the previous year. Cholera prevailed to an unusual extent in all the divisions of the Presidency. As in 1891, there were very few cases of smallpox.

An increase of 70,574 is reported in the number of admissions from malarial fever, which reached the enormous total of 381,837. Government have already requested the officers of the sanitary department to ascertain, if possible, the causes of the serious increase of this disease in recent years. The officers in charge of hospitals and dispensaries should also be requested to make such inquiries and observations as may be possible and to embody the result in their reports.

ITALY.

Departure of steamship Werra from Genoa.

UNITED STATES CONSULATE,
Genoa, December 10, 1893.

SIR: I have the honor to report the departure from Genoa, on December 8, 1893, of the steamship *Werra* from Naples bound for New York. There were 155 emigrants embarked from this port. Being from noninfected districts, they were examined and passed without detention, but all baggage was disinfected with steam.

Very respectfully,

B. W. BROWN,
Assistant Surgeon, M. H. S.

To the SUPERVISING SURGEON-GENERAL M. H. S.

NOVA SCOTIA.

Arrival of immigrants at Halifax.

HALIFAX, N. S., December 22, 1893.

Steamship *Corean* arrived; 18 immigrants; all well. Baggage disinfected by steam and sulphur.

HALIFAX, N. S., December 27, 1893.

Laurentian arrived; 10 emigrants for the United States. All well.

D. H. INGRAHAM,
Consul-General.

To the SUPERVISING SURGEON-GENERAL M. H. S.

RUSSIA.

Cholera in the Caucasus.

UNITED STATES CONSULATE,
Batoum, Russia, December 2, 1893.

SIR: I have the honor of transmitting herewith official returns published during the past week concerning cholera in the Caucasus:

| Place. | Date. | Cases. | Deaths. |
|---------------------------|------------------|--------|---------|
| Baku (town)..... | Nov. 23-27 | 10 | 8 |
| Tiflis (city)..... | Nov. 19-25 | 2 | 2 |
| Tiflis (government)..... | Nov. 2-14 | 6 | 1 |
| Kutais government..... | Nov. 12-20 | 2 | ..... |
| Stavropol government..... | Nov. 15-21 | 5 | 4 |
| Kars government..... | Nov. 23-26 | 8 | 4 |

I am, sir, your most obedient servant,

JAMES C. CHAMBERS,
Consul.

To the Hon. JOSIAH QUINCY,
Assistant Secretary of State.

TURKEY.

Sanitary condition of Sivas.

The United States consul at Sivas, Turkey, under date of November 26, 1893, writes as follows: "The quarantine against Trebizond has been raised. Some suspicious cases of illness were reported from there on the 13th instant. No cases of cholera have been reported at Amasia during the past week. The health of Sivas is good."

STATISTICAL REPORTS.

AUSTRALIA—*New South Wales—Newcastle.*—Month of October, 1893. Population, 7,581. Total deaths, 41, including 3 from measles.

Sydney.—Month of October, 1893. Population, 411,710. Total deaths, 708, including enteric fever, 4; scarlet fever, 18; diphtheria, 19; measles, 140; and whooping cough, 10.

CHINA—*Hongkong.*—Month of October, 1893. Total deaths, 467, including phthisis plumonalis, 40; and enteric fever, 1.

CUBA—*Havana.*—Under date of December 23, 1893, the United States sanitary inspector reports as follows:

There were 114 deaths in this city during the week ended December 21, 1893. One of those deaths was caused by yellow fever, with approximately 8 new cases; 1 was caused by enteric fever, 2 by so-called pernicious fever, 3 by diphtheria, 1 by smallpox, 5 by pneumonia, and 3 by chronic diarrhea.

FRANCE—*Roubaix.*—Month of November, 1893. Population, 114,917. Total deaths, 215; including cholera, 1; smallpox, 2; enteric fever, 5; scarlet fever, 1; diphtheria, 6, and measles, 12.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended December 9 corresponded to an annual rate of 28.6 a thousand of the aggregate population, which is estimated at 10,327,846. The lowest rate was recorded in Halifax, viz, 11.3, and the highest in Liverpool, viz, 34.9 a thousand.

London.—Two thousand five hundred and fifty-six deaths were registered during the week, including smallpox, 4; measles, 34; scarlet fever, 30; diphtheria, 89; whooping cough, 59; enteric fever, 33; and diarrhea and dysentery, 11. The deaths from all causes corresponded to an annual rate of 27.3 a thousand. In greater London 3,196 deaths were registered, corresponding to an annual rate of 28.5 a thousand of the population. In the "outer ring" the deaths included smallpox, 2; diphtheria, 24; whooping cough, 18; and scarlet fever, 6.

Ireland.—The average annual death rate represented by the deaths registered during the week ended December 9 in the 16 principal town districts of Ireland was 28.4 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 12.6, and the highest in Drogheda, viz, 52.7 a thousand. In Dublin and suburbs 205 deaths were registered, including scarlet fever, 1; measles, 5; whooping cough, 6; and enteric fever, 9.

Scotland.—The deaths registered in 8 principal towns during the week ended December 9 corresponded to an annual rate of 26.0 a thousand of the population, which is estimated at 1,447,500. The lowest mortality was recorded in Leith, viz, 19.0, and the highest in Perth, viz, 36.0 a thousand. The aggregate number of deaths registered from all causes was 732, including smallpox, 6; scarlet fever, 7; diphtheria, 13; whooping cough, 33; fever, 7; and measles, 3.

JAMAICA—*Kingston.*—Month of November, 1893. Total deaths, 123; including 14 from phthisis pulmonalis.

NETHERLANDS.—Month of September, 1893. Reports from the 12 principal cities, having an aggregate population of 1,254,486, show a total of 1,874 deaths, including cholera, 26; smallpox, 15; typhus and enteric fevers, 15; diphtheria, 21; scarlet fever, 3; measles, 8; croup, 14; phthisis pulmonalis and throat diseases, 173; and whooping cough 25.

ST. HELENA.—Four weeks ended November 18, 1893. Population, 3,500. Total deaths, 3. No deaths reported from contagious diseases.

MORTALITY TABLE, FOREIGN CITIES.

| Cities. | Week ended. | Estimated popula- tion. | Total deaths from all causes. | Deaths from— | | | | | | | | | | |
|-----------------------|-------------|----------------------------|----------------------------------|--------------|---------------|-----------|---------------|----------------|----------------|-------------|----------|--------------------|--|----|
| | | | | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. | | |
| Aden | Nov. 25 | 35,000 | 23 | | | | | | | | | | | |
| Aden | Dec. 2 | 35,000 | 22 | | | | | | | | | | | |
| Aix-la-Chapelle | Dec. 2 | 108,018 | 49 | | | | | | 1 | 3 | | | | |
| Alexandria | Nov. 23 | 231,396 | 185 | | | | | 6 | | 3 | | | | 2 |
| Amherstburg | Dec. 9 | 2,300 | 1 | | | | | | | | | | | |
| Amherstburg | Dec. 16 | 2,300 | 1 | | | | | | | | | | | |
| Amsterdam | Dec. 9 | 443,988 | 144 | | | | | 1 | | 4 | | | | 1 |
| Bagdad | Nov. 4 | 40,000 | 8 | 1 | | | | 4 | | | | | | |
| Bagdad | Nov. 11 | 40,000 | 13 | | | | | | 3 | | | | | |
| Barmen | Dec. 2 | 118,000 | 66 | | | | | | | 3 | | | | |
| Basle | Dec. 2 | 78,000 | 35 | | | | | | 1 | | | | | |
| Belfast | Dec. 2 | 265,123 | 160 | | | | | 3 | 1 | 2 | 8 | | | 2 |
| Belfast | Dec. 9 | 265,123 | 120 | | | | | 6 | 1 | 2 | 2 | | | 4 |
| Belleville | Dec. 16 | 10,201 | 2 | | | | | | | | | | | |
| Berlin | Nov. 25 | 1,750,000 | 765 | | | | | 6 | 12 | 44 | 4 | | | |
| Birmingham | Dec. 9 | 487,897 | 233 | | | 4 | | 3 | 3 | 1 | 4 | | | 5 |
| Bologna | Dec. 9 | 121,579 | 76 | | | | | | | 1 | | | | |
| Bordeaux | Dec. 10 | 252,415 | 130 | | | | | 1 | | 2 | 1 | | | |
| Bradford | Dec. 2 | 221,610 | 96 | | | 3 | | 3 | 1 | 1 | | | | |
| Bradford | Dec. 9 | 221,610 | 107 | | | 4 | | 2 | 1 | 1 | | | | 2 |
| Bremen | Dec. 2 | 127,000 | 62 | | | | | | 3 | 3 | | | | 2 |
| Bristol | Dec. 2 | 225,146 | 113 | | | | | | 1 | 1 | | | | 2 |
| Bristol | Dec. 9 | 225,146 | 142 | | | | | | 1 | 2 | 1 | | | 5 |
| Brunswick | Dec. 9 | 110,500 | 46 | | | | | | | | | | | |
| Brussels | Dec. 2 | 483,081 | 188 | | | | | 3 | | 2 | | | | 2 |
| Cairo | Nov. 23 | 374,838 | 332 | | | | | 6 | | 3 | | | | 2 |
| Calcutta | Nov. 10 | 681,560 | 491 | 18 | | | | | | | | | | 2 |
| Calcutta | Nov. 18 | 681,560 | 502 | | | 19 | | | | | 1 | | | 1 |
| Cartagena | Oct. 19 | 25,000 | 16 | | | | | | | | | | | |
| Cartagena | Oct. 30 | 25,000 | 22 | | | | | | | | | | | |
| Chatham | Dec. 16 | 10,000 | 2 | | | | | | | | | | | |
| Chemnitz | Dec. 12 | 143,000 | 67 | | | | | | 3 | 8 | 1 | | | |
| Chihuahua | Dec. 3 | 29,500 | 14 | | | | | | | 1 | | | | |
| Chihuahua | Dec. 10 | 29,500 | 10 | | | | | | | | | | | |
| Chihuahua | Dec. 17 | 29,500 | 15 | | | | | | | | | | | |
| Christiania | Dec. 9 | 161,151 | 66 | | | | | | 2 | | | | | |
| Cienfuegos | Dec. 16 | 23,000 | 20 | | 4 | | | 2 | | | | | | |
| Cognac | Dec. 9 | 17,500 | 5 | | | 1 | | | | | | | | |
| Cologne | Dec. 2 | 303,866 | 137 | | | | | 2 | | 12 | 1 | | | 1 |
| Colon | Dec. 9 | 5,000 | 2 | | | | | | | | | | | |
| Copenhagen | Dec. 2 | 334,000 | 111 | | | | | | 5 | 3 | | | | 2 |
| Danzig | Dec. 9 | 121,000 | 101 | | | | | | | 2 | 3 | | | 3 |
| Dresden | Nov. 25 | 308,930 | 121 | | | | | 1 | | 8 | | | | 2 |
| Dublin | Dec. 2 | 350,000 | 182 | | | | 1 | | | | | | | |
| Dublin | Dec. 9 | 350,000 | 205 | | | | | 1 | 1 | 1 | 3 | | | |
| Dundee | Dec. 9 | 157,289 | 67 | | | | | 3 | 1 | | | | | 8 |
| Dusseldorf | Dec. 2 | 160,750 | 59 | | | | | | | | | | | |
| Edinburgh | Dec. 2 | 267,672 | 162 | | | | | 3 | | 3 | | | | 4 |
| Edinburgh | Dec. 9 | 267,672 | 147 | | | | | | | 2 | | | | 5 |
| Florence | Dec. 10 | 186,015 | 87 | | | | | | 1 | 3 | | | | |
| Flushing | Dec. 9 | 15,000 | 4 | | | | | | | | | | | |
| Frankfort-on-the-Main | Dec. 2 | 185,000 | 74 | | | | | | | 3 | | | | |
| Frankfort-on-the-Main | Dec. 9 | 185,000 | 76 | | | | | | | 3 | | | | 1 |
| Funchal | Dec. 2 | 35,665 | 25 | | | | | | 1 | 1 | | | | |
| Fürth | Nov. 18 | 45,000 | 18 | | | | | | | 3 | 2 | | | |
| Fürth | Nov. 25 | 45,000 | 17 | | | | | | | | | | | |
| Genoa | Dec. 9 | 182,164 | 107 | | | | | 1 | | 9 | | | | |
| Ghent | Dec. 2 | 151,811 | 64 | | | | | 1 | | 1 | | | | 2 |
| Gibraltar | Dec. 10 | 25,755 | 13 | | | | | | | | | | | |
| Girgenti | Dec. 2 | 23,847 | 15 | | | | | | | | | | | |
| Glasgow | Dec. 2 | 572,500 | 364 | | | | | 6 | 7 | 6 | 1 | | | 19 |
| Glasgow | Dec. 9 | 572,500 | 357 | | | | | 3 | 4 | 7 | | | | 13 |
| Gothenburg | Nov. 25 | 108,000 | 51 | | | 6 | | | | | | | | |
| Gothenburg | Dec. 2 | 108,000 | 47 | | | 1 | | | | 3 | | | | |
| Guelph | Dec. 9 | 10,689 | 2 | | | | | | | | | | | |
| Guelph | Dec. 16 | 10,689 | 5 | | | | | | | | | | | |
| Halifax | Dec. 16 | 38,700 | 10 | | | | | | | | | | | |
| Hanover | Nov. 18 | 191,400 | 77 | | | | | | | | | | | |
| Hanover | Nov. 25 | 191,400 | 87 | | | | | 1 | | | | | | |
| Havana | Dec. 14 | 200,048 | 118 | | 1 | | | | 1 | | 2 | | | |
| Havre | Nov. 25 | 116,369 | 70 | | | | | 3 | | | 3 | | | 1 |
| Hiogo | Nov. 25 | 148,118 | 56 | | | | | 1 | | | | | | |
| Kanagawa | Nov. 20 | 126,688 | | | | | | 3 | | | | | | |
| Kanagawa | Nov. 27 | 126,688 | | | | | | | | 2 | | | | |

MORTALITY TABLE, FOREIGN CITIES—Continued.

| Cities. | Week ended. | Estimated population. | Total deaths from all causes. | Deaths from— | | | | | | | | | |
|------------------------|--------------|-----------------------|-------------------------------|--------------|---------------|-----------|---------------|----------------|----------------|-------------|----------|-----------------|-------|
| | | | | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. | |
| Konigsberg..... | Dec. 9..... | 161,500 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 4 | ..... | ..... | ..... |
| Leeds..... | Dec. 9..... | 382,091 | 177 | ..... | ..... | ..... | ..... | ..... | 4 | ..... | ..... | ..... | 9 |
| Leighorn..... | Dec. 9..... | 103,166 | 40 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 3 | ..... | ..... |
| Leith..... | Dec. 9..... | 70,972 | 26 | ..... | ..... | 4 | ..... | ..... | ..... | ..... | 2 | ..... | ..... |
| Licata..... | Dec. 2..... | 20,000 | 12 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... |
| Liverpool..... | Dec. 2..... | 510,480 | 323 | ..... | ..... | ..... | ..... | ..... | 8 | 8 | 5 | 4 | 4 |
| Liverpool..... | Dec. 9..... | 510,480 | 342 | ..... | ..... | ..... | 1 | ..... | 5 | 9 | ..... | 4 | 9 |
| London, Canada..... | Dec. 16..... | 35,000 | 21 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... |
| London, England..... | Dec. 2..... | 5,633,806 | 235 | ..... | ..... | ..... | ..... | ..... | 25 | 34 | 74 | 39 | 48 |
| London, England..... | Dec. 9..... | 5,638,806 | 235 | ..... | ..... | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Lyons..... | Dec. 2..... | 500,000 | 148 | ..... | ..... | ..... | ..... | ..... | 3 | ..... | 1 | ..... | ..... |
| Madras..... | Nov. 17..... | 452,518 | 341 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... |
| Madrid..... | Dec. 1..... | 482,816 | ..... | ..... | ..... | 6 | 2 | ..... | ..... | ..... | 5 | 1 | ..... |
| Manchester..... | Dec. 2..... | 517,760 | 323 | ..... | ..... | ..... | ..... | ..... | 3 | 3 | 5 | 1 | 9 |
| Manchester..... | Dec. 9..... | 517,760 | 282 | ..... | ..... | ..... | ..... | ..... | 4 | 3 | 3 | ..... | 8 |
| Mannheim..... | Dec. 2..... | 80,000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | ..... |
| Manila..... | Nov. 4..... | 350,000 | 121 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Manila..... | Nov. 11..... | 350,000 | 124 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Marsala..... | Dec. 2..... | 40,131 | 16 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| Matamoras..... | Dec. 15..... | 8,000 | 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Mayence..... | Dec. 9..... | 72,281 | 46 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... |
| Melbourne..... | Nov. 4..... | 1,140,405 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... |
| Melbourne..... | Nov. 11..... | 1,140,405 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | ..... | ..... |
| Moscow..... | Dec. 3..... | 800,000 | 470 | ..... | ..... | 1 | ..... | ..... | 8 | 10 | 12 | ..... | ..... |
| Munich..... | Dec. 2..... | 380,000 | 227 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5 | 17 | 1 |
| Nagasaki..... | Nov. 18..... | 61,999 | 8 | ..... | ..... | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Nagasaki..... | Nov. 25..... | 61,999 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| Newcastle-on-Tyne..... | Dec. 9..... | 197,026 | 87 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | 1 | 2 |
| Nogales..... | Dec. 16..... | 1,200 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| Nuremberg..... | Nov. 25..... | 154,086 | 84 | ..... | ..... | ..... | ..... | ..... | 2 | 1 | 2 | ..... | 1 |
| Odessa..... | Dec. 2..... | 315,900 | 156 | ..... | ..... | ..... | ..... | ..... | 2 | 6 | 9 | 2 | 1 |
| Osaka..... | Nov. 14..... | 479,895 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Palermo..... | Dec. 2..... | 250,000 | 172 | 25 | ..... | ..... | ..... | ..... | 4 | 1 | 3 | ..... | ..... |
| Plymouth..... | Dec. 9..... | 86,772 | 51 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7 |
| Port Sarnia..... | Dec. 16..... | 7,000 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Prague..... | Dec. 2..... | 188,140 | 154 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 7 | ..... |
| Quebec..... | Dec. 16..... | 70,000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | ..... |
| Rheims..... | Dec. 9..... | 105,408 | 46 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | ..... | ..... |
| Rotterdam..... | Dec. 9..... | 222,233 | 123 | ..... | ..... | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Sagua la Grande..... | Dec. 9..... | 18,109 | 9 | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Sagua la Grande..... | Dec. 16..... | 18,109 | 13 | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| St. George..... | Dec. 11..... | 15,013 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| St. Petersburg..... | Dec. 2..... | 1,100,000 | ..... | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| St. Stephen..... | Dec. 16..... | 2,700 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| St. Stephen..... | Dec. 23..... | 2,700 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Santiago de Cuba..... | Dec. 16..... | 50,000 | 34 | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 2 | ..... | ..... |
| Schiedam..... | Dec. 9..... | 25,533 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Sheffield..... | Dec. 2..... | 335,947 | 165 | ..... | ..... | ..... | ..... | ..... | 1 | 1 | 2 | 2 | 5 |
| Sheffield..... | Dec. 9..... | 335,947 | 174 | 2 | ..... | ..... | ..... | ..... | 2 | ..... | 2 | 2 | 12 |
| Sonneberg..... | Nov. 19..... | 12,000 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Souneberg..... | Nov. 26..... | 12,000 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Southampton..... | Dec. 9..... | 66,119 | 28 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Stettin..... | Dec. 2..... | 122,000 | 68 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| Stockholm..... | Dec. 2..... | 249,246 | 90 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 3 | ..... |
| Stuttgart..... | Dec. 7..... | 139,659 | 68 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 10 | ..... | ..... |
| Sunderland..... | Dec. 9..... | 134,515 | 63 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1 | ..... |
| Swansea..... | Dec. 9..... | 95,000 | 32 | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... |
| Tampico..... | Dec. 17..... | 11,000 | 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Trapani..... | Dec. 2..... | 43,095 | 10 | ..... | ..... | ..... | ..... | ..... | 2 | 2 | 1 | 2 | ..... |
| Trieste..... | Dec. 2..... | 158,314 | 99 | ..... | ..... | ..... | ..... | ..... | 8 | ..... | 2 | 2 | ..... |
| Tuxpan..... | Dec. 9..... | 10,280 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Venice..... | Dec. 2..... | 160,814 | 63 | ..... | ..... | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... |
| Vera Cruz..... | Dec. 14..... | 25,500 | 28 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Warsaw..... | Nov. 25..... | 509,930 | 238 | ..... | ..... | 10 | 3 | 1 | 15 | 13 | ..... | ..... | ..... |
| Warsaw..... | Dec. 2..... | 500,930 | 230 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Zurich..... | Dec. 2..... | 115,000 | 37 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1 | 2 |

By authority of the Secretary of the Treasury :

WALTER WYMAN,

Supervising Surgeon-General Marine-Hospital Service.