

WEEKLY ABSTRACT OF SANITARY REPORTS.

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TREASURY DEPARTMENT,
OFFICE SUPERVISING SURGEON-GENERAL,
U. S. MARINE-HOSPITAL SERVICE,
Washington, D. C., September 13, 1889.

Abstract of Domestic and Foreign Sanitary Reports received during the week ended September 13, 1889, published in accordance with section 4, Act of Congress, approved April 29, 1878.

UNITED STATES.

Reports from National Quarantine Stations.

CAPE CHARLES, VA.—Owing to severe northeaster but few sailing-vessels were spoken. Fifteen vessels were spoken during the week ended September 7.

DELAWARE BREAKWATER, DEL.—Owing to stormy weather but 1 vessel entered at quarantine.

GULF QUARANTINE (NORTH CHANDELEUR ISLAND), LA.—Two vessels were discharged after disinfection, and 1 remains in quarantine.

PORT TOWNSEND, WASH.—Nine vessels inspected.

SAN DIEGO, CAL.—Week ended September 4, 1889. The American steamer Farrallon, from Manzanillo, Mexico, with a cargo of tropical fruits and hard wood, with two of the crew sick with intermittent fever. The captain reports extremely hot weather on the lower coast, and heavy rains. The average mean temperature of San Diego during August was higher than for the corresponding month in any year since 1871, with but one exception.

There were 5 vessels inspected during the week.

Reports of States, and Yearly and Monthly Reports of Cities.

CALIFORNIA—*Sacramento*.—Month of August, 1889. Population, 35,000. Total deaths, 23, including diphtheria, 2.

Los Angeles.—Month of August, 1889. Population, 80,000. Total deaths, 60, including enteric fever, 4; diphtheria, 6; and whooping-cough, 2.

COLORADO—*Denver*.—Month of August, 1889. Population, 100,000. Total deaths, 158, including diphtheria, 5; enteric fever, 23; whooping-cough, 2; and scarlet fever, 1.

IOWA.—Month of August, 1889. Reports to the State board of health, Des Moines, show that diphtheria was present in 8 places, and scarlet fever in 4 places. These diseases appear to be subsiding.

The Monthly Bulletin says :

On the 26th of July a case of small-pox was reported near Mount Ayr, in Ringgold County, with a large number of exposures. Immediate vaccination of all exposed persons was had, and prompt and vigorous measures adopted to prevent the spread of the disease. Unfortunately, the vaccine virus proved worthless, hence the outlook at this writing is not encouraging.

Dubuque.—Month of August, 1889. Population 35,000. Total deaths, 14. None from contagious diseases.

Davenport.—Month of August, 1889. Population, 33,715. Total deaths, 25, including diphtheria, 5 ; and whooping-cough, 1.

MASSACHUSETTS—*Fall River*.—Month of August, 1889. Population, 69,000. Total deaths, 178, including enteric fever, 7 ; scarlet fever, 2 ; and diphtheria, 1.

MICHIGAN—Month of August, 1889. Reports to the State board of health, Lansing, from 209 observers, indicate that, as compared with the preceding month, cholera morbus, dysentery, cholera infantum, diarrhoea, and typho-malarial fever increased, and rheumatism, neuralgia, and inflammation of kidneys decreased, in prevalence. Including reports from regular observers and others, diphtheria was reported present, during the month, at 21 places, scarlet fever at 18 places, enteric fever at 40 places, and measles at 7 places.

Week ended August 31, 1889. Reports from 48 observers indicate that influenza, bronchitis, remittent fever, cholera infantum, inflammation of the brain, and tonsilitis increased, and inflammation of the bowels, neuralgia, intermittent fever, and whooping-cough decreased, in area of prevalence. Diphtheria was reported present during the week, and since, at 13 places, scarlet fever at 5 places, enteric fever at 20 places, and measles at 1 place, Grand Rapids.

Detroit.—Month of August, 1889. Population, 230,000. Total deaths, 345, including diphtheria, 13 ; enteric fever, 5 ; measles, 1 ; whooping-cough, 7 ; and scarlet fever, 2.

Grand Rapids.—Month of August, 1889. Population, 70,000. Total deaths, 112, including diphtheria, 1 ; enteric fever, 5 ; and measles, 3.

PENNSYLVANIA—*Williamsport*.—Month of August, 1889. Population, 35,271. Total deaths, 27. None from contagious diseases.

NEW YORK—*Rochester*.—Month of August, 1889. Population 130,000. Total deaths 263, including enteric fever, 4 ; and whooping-cough 4.

OHIO—*Cincinnati*.—Month of August, 1889. Population 325,000. Total deaths 490, including diphtheria, 29; measles, 10; scarlet fever, 2; enteric fever, 14; and whooping-cough, 3.

TENNESSEE—*Chattanooga*.—Month of August, 1889. Population 40,000. Total deaths 38, including enteric fever, 5.

Reports to the State board of health, Nashville, indicate that for the month of July the principal diseases, named in the order of their greater prevalence, were malarial fever, dysentery, diarrhoea, cholera morbus, cholera infantum, and consumption. Enteric fever was reported in 17 counties; whooping-cough in 9 counties; scarlet fever in 5 counties; and measles in 2 counties.

VIRGINIA—*Lynchburg*.—Month of August, 1889. Population——. Total deaths 24, including enteric fever, 2.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

| Cities. | Week ended. | Estimated population. | Total deaths from all causes. | Deaths from— | | | | | | | | | | |
|---------------------------|--------------|-----------------------|-------------------------------|--------------|---------------|------------|------------|------------|---------------|----------------|----------------|-------------|----------|-----------------|
| | | | | Cholera. | Yellow fever. | Small-pox. | Varioloid. | Varicella. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping-cough. |
| New York, N. Y..... | Sept. 7..... | 1,530,281 | 709 | | | | | | | 15 | 3 | 16 | 2 | 15 |
| Chicago, Ill..... | Aug. 31..... | 1,100,000 | 389 | | | | | | | 16 | 3 | 21 | 1 | 3 |
| Philadelphia, Pa..... | Aug. 31..... | 1,040,245 | 410 | | | | | | | 21 | 3 | 6 | | 5 |
| Philadelphia, Pa..... | Sept. 7..... | 1,040,245 | 343 | | | | | | | 16 | 6 | 5 | | 1 |
| Brooklyn, N. Y..... | Sept. 7..... | 834,607 | 335 | | | | | | | 9 | 5 | 16 | 1 | 3 |
| Baltimore, Md..... | Sept. 7..... | 500,343 | 157 | | | | | | | 7 | 1 | | | |
| St. Louis, Mo..... | Aug. 31..... | 450,000 | 162 | | | | | | | 4 | 1 | 3 | 0 | 2 |
| St. Louis, Mo..... | Sept. 7..... | 450,000 | 138 | | | | | | | 4 | 0 | 4 | | 1 |
| San Francisco, Cal..... | Aug. 30..... | 325,000 | | | | | | | | 3 | | 1 | | 1 |
| Cincinnati, Ohio..... | Sept. 7..... | 325,000 | 108 | | | | | | | 5 | 2 | | 1 | |
| New Orleans, La..... | Aug. 31..... | 254,000 | 104 | | | | | | | | | 2 | | |
| Pittsburgh, Pa..... | Sept. 7..... | 230,000 | 101 | | | | | | | 9 | 1 | 5 | 2 | |
| Minneapolis, Minn..... | Sept. 7..... | 200,000 | 37 | | | | | | | 2 | 1 | | | |
| Kansas City, Mo..... | Aug. 31..... | 180,000 | 51 | | | | | | | 6 | 1 | | | 1 |
| Rochester, N. Y..... | Aug. 31..... | 130,000 | 57 | | | | | | | 2 | | 2 | | |
| Rochester, N. Y..... | Sept. 7..... | 130,000 | 51 | | | | | | | 1 | | | | |
| Providence, R. I..... | Sept. 7..... | 127,000 | 54 | | | | | | | 2 | | 2 | | 1 |
| Indianapolis, Ind..... | Sept. 7..... | 124,450 | | | | | | | | 4 | | | | |
| Richmond, Va..... | Aug. 31..... | 100,000 | 39 | | | | | | | | | 1 | | / |
| Denver, Colo..... | Aug. 30..... | 100,000 | 37 | | | | | | | 7 | | | | |
| Denver, Colo..... | Sept. 6..... | 100,000 | 40 | | | | | | | 2 | | 2 | | 1 |
| Toledo, Ohio..... | Sept. 6..... | 89,000 | 21 | | | | | | | | | | | |
| Fall River, Mass..... | Sept. 7..... | 69,000 | 41 | | | | | | | 1 | 1 | | | |
| Nashville, Tenn..... | Sept. 7..... | 65,153 | 36 | | | | | | | 2 | | | | |
| Charleston, S. C..... | Sept. 7..... | 60,145 | 34 | | | | | | | 1 | | | | |
| Lynn, Mass..... | Sept. 7..... | 50,000 | 14 | | | | | | | | | 1 | | |
| Manchester, N. H..... | Aug. 31..... | 42,000 | 14 | | | | | | | 2 | | | | |
| Portland, Me..... | Sept. 7..... | 42,000 | 20 | | | | | | | 1 | | | | |
| Galveston, Tex..... | Aug. 30..... | 40,000 | 8 | | | | | | | | | | | |
| Council Bluffs, Iowa..... | Aug. 19..... | 35,000 | 3 | | | | | | | | | | | |
| Council Bluffs, Iowa..... | Aug. 26..... | 35,000 | 5 | | | | | | | | | | | |
| Council Bluffs, Iowa..... | Sept. 2..... | 35,000 | 2 | | | | | | | | | | | |
| Council Bluffs, Iowa..... | Sept. 7..... | 35,000 | 5 | | | | | | | | | | | |
| San Diego, Cal..... | Sept. 4..... | 32,000 | 2 | | | | | | | | | 1 | | |
| Binghamton, N. Y..... | Sept. 7..... | 30,000 | 6 | | | | | | | 8 | | | | |
| Auburn, N. Y..... | Sept. 7..... | 26,000 | 9 | | | | | | | | | | | |
| Haverhill, Mass..... | Aug. 31..... | 25,000 | 14 | | | | | | | 1 | | | | |
| Haverhill, Mass..... | Sept. 7..... | 25,000 | 9 | | | | | | | | | | | |
| Rock Island, Ill..... | Sept. 1..... | 16,000 | 2 | | | | | | | | | | | |
| Rock Island, Ill..... | Sept. 8..... | 16,000 | | | | | | | | | | 1 | | |
| Keokuk, Iowa..... | Aug. 31..... | 16,000 | 2 | | | | | | | | | | | |
| Keokuk, Iowa..... | Sept. 7..... | 16,000 | 1 | | | | | | | | | | | |
| Pensacola, Fla..... | Aug. 31..... | 15,000 | 1 | | | | | | | | | | | |

FOREIGN.

(Reports received through the Department of State and other channels.)

GREAT BRITAIN—*England and Wales.*—The deaths registered in 28 great towns of England and Wales during the week ended August 24 corresponded to an annual rate of 17.2 a thousand of the aggregate population, which is estimated at 9,555,406. The lowest rate was recorded in Brighton, viz, 11.1, and the highest in Plymouth, viz, 34.0 a thousand. Diphtheria caused 3 deaths in Plymouth and 2 in Bolton.

London.—One thousand two hundred and forty-two deaths were registered during the week, including measles, 9; scarlet fever, 16; diphtheria, 37; whooping-cough, 20; enteric fever, 11; diarrhœa and dysentery, 109, and cholera and choleraic diarrhœa, 2. The deaths from all causes corresponded to an annual rate of 14.9 a thousand. Diseases of the respiratory organs caused 115 deaths. In greater London 1,604 deaths were registered, corresponding to an annual rate of 14.8 a thousand of the population. In the "outer ring" the deaths included diarrhœa, 38; whooping-cough, 10; and scarlet fever, 5.

Scotland.—The deaths registered in 8 principal towns during the week ended August 24 corresponded to an annual rate of 18.1 a thousand of the population, which is estimated at 1,314,274. The lowest mortality was recorded in Aberdeen, viz, 13.3, and the highest in Paisley, viz, 29.9 a thousand. The aggregate number of deaths registered from all causes was 462, including small-pox, 2; measles, 13; scarlet fever, 2; diphtheria, 8; whooping-cough, 11; fever, 7; and diarrhœa, 48.

Ireland.—The average annual death rate, represented by the deaths registered during the week ended August 24, in the 16 principal town districts of Ireland, was 22.5 a thousand of the population. The lowest rate was recorded in Kilkenny, viz, 0.0, and the highest in Sligo, viz, 48.1 a thousand. In Dublin 170 deaths were registered, including diphtheria, 1; measles, 1; enteric fever, 4; diarrhœa, 24; whooping-cough, 2; dysentery, 1; and scarlet fever, 1.

CUBA—*Havana.*—Month of August, 1889. Five hundred and fifty-seven deaths were registered, including yellow fever, 84; enteric fever, 14; so-called pernicious fever, 50; bilious fever, 1; paludal fever, 3, and diphtheria and croup, 2.

During the month of August, 1888, there were 116 deaths from yellow fever, a little over one-half occurring in the first part of the month, while this year over half have occurred during the last half of the month.

Little or no small-pox is known to exist in the province of Havana, although there are cases in the interior towns.

There is every evidence that the usual, and even an increased, number of smuggling fishing-smacks have been and are carrying on their illegitimate business between this port and the coast of Florida, this season.

The weather is intensely hot, and the summer so far has been a warmer one than usual.

During the week ended August 30 there were 24 deaths from yellow fever.

Cardenas.—August 30, 1889. Good health in town and harbor. Seasonable weather, with much rain.

TASMANIA—*Hobart*.—Month of June, 1889. Population, 34,705. Total deaths, 37. None from contagious diseases.

UNITED STATES OF COLOMBIA—*Barranquilla*.—The United States consul at Colon, under date of August 24, forwards the following letter to the Department of State, explanatory of his cable dispatch relative to the steamer *Adirondack*, published in Abstract No. 35, current series, page 265 :

UNITED STATES CONSULATE,
Barranquilla, August 20, 1889.

SIR: A young lady, Miss Addie C. Ramsay, came from New York via Port-au-Prince on the *Adirondack*. The second day after her arrival she was taken ill; on the fourth day it developed as yellow fever of the most malignant type. She died last night, and was buried at 4 o'clock this morning. The *Adirondack* had sailed before this was announced. As usual, the telegraph line to Cartagena was not in order; so I have no recourse except to ask you to transmit a notice by telegram to the Department to anticipate the arrival of the ship at New York. If the ship had germs of the disease on board previous to her arrival here, her cargo of hides and bananas, and her devious route by Colon and Port Limon, makes me extremely anxious in regard to the passengers that went from here. * * * I write a dispatch to the Department, but as the Pacific Mail and the Atlas steamer are both due on the same day, it may be too late to prevent mischief. I leave the matter to your decision.

I am, sir, your obedient servant,

P. M. WHELPLEY,
Vice-Consul.

Gen. VICTOR VIFQUAIN,
United States Consul, Colon.

[From the *Deutsche Correspondent*, Baltimore, September 7, 1889.—Translation.]

ASIATIC TURKEY.—Cholera, since July 27, made its entry into Mesopotamia in as mysterious a manner as it made its appearance into Egypt in 1883. It is certain that it penetrated from Bombay via Bas-sora; it could not, as yet, be determined how. Perhaps, as in Egypt

through Arabian stokers (firemen), who are employed on the English steamers of the Bassora-Bombay Line, and who, upon their arrival at Bassora, go to their homes. At first cholera appeared at Schatra (3,000 inhabitants), two and a half days' journey from Bassora, at the Schatel-Hay Canal, which connects the Tigris with the Euphrates River. In a few days, from July 27 to August 6, 308 persons died. On the 1st of August it appeared at Naszrie (8,000 inhabitants), southerly from Schatra near the embouchure of the Schatel-Hay into the Euphrates—a city which was founded in 1872 by Natir Pasha, the Montefik sheik. From the 1st to the 9th of August 293 deaths occurred—on the 8th of August so many as 85. The houses are situated upon the flat marsh land, and are only reed huts. The inhabitants carry on the culture of rice and some cattle raising. It finally made its appearance at Bassora on August 6, and at first an Arabian girl died who had come there ten days before from Filie in Persia. On August 9, 15 deaths occurred there. The reports of Gazala, the sanitary physician, do not allow any doubt to arise as to the diagnosis.

SPAIN—*Madrid*.—September 7, 1889. Yellow fever is raging at Vigo, in the province of Pontevedra.

MORTALITY TABLE, FOREIGN CITIES.

| Cities. | Week ended. | Estimated popula- tion. | Total deaths from all causes. | Deaths from— | | | | | | | | |
|--------------------|--------------|----------------------------|----------------------------------|--------------|---------------|------------|---------------|----------------|----------------|-------------|----------|---------------------|
| | | | | Cholera. | Yellow fever. | Small-pox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping- cough. |
| London..... | Aug. 17..... | 5,642,015 | 1,760 | ..... | ..... | ..... | ..... | 8 | 14 | 39 | 20 | ..... |
| Paris..... | Aug. 24..... | 2,260,945 | 927 | ..... | ..... | 2 | ..... | 33 | 4 | 35 | 9 | ..... |
| Glasgow..... | Aug. 24..... | 545,678 | 212 | ..... | ..... | ..... | ..... | 2 | 1 | 3 | ..... | 7 |
| Warsaw..... | Aug. 17..... | 445,770 | 255 | ..... | ..... | 18 | ..... | ..... | 4 | 5 | ..... | ..... |
| Calcutta..... | July 27..... | 433,219 | 222 | 19 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... |
| Amsterdam..... | Aug. 24..... | 399,051 | 153 | ..... | ..... | ..... | ..... | 1 | 1 | 1 | ..... | ..... |
| Copenhagen..... | Aug. 17..... | 307,000 | 145 | ..... | ..... | ..... | ..... | 3 | 1 | 7 | ..... | ..... |
| Belfast..... | Aug. 17..... | 299,622 | 116 | ..... | ..... | ..... | ..... | 6 | ..... | ..... | ..... | ..... |
| Munich..... | Aug. 10..... | 281,000 | 230 | ..... | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... |
| Munich..... | Aug. 17..... | 281,000 | 185 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... |
| Palermo..... | Aug. 24..... | 250,000 | 92 | ..... | ..... | 1 | ..... | ..... | 1 | ..... | ..... | ..... |
| Genoa..... | Aug. 24..... | 180,201 | 81 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 | ..... |
| Stuttgart..... | Aug. 24..... | 125,510 | 44 | ..... | ..... | ..... | ..... | ..... | 1 | 3 | ..... | ..... |
| Havre..... | Aug. 24..... | 112,074 | 59 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Catania..... | Aug. 25..... | 108,000 | 24 | ..... | ..... | ..... | ..... | 1 | 1 | 1 | 1 | ..... |
| Leghorn..... | Aug. 25..... | 103,142 | 31 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Rheims..... | Aug. 17..... | 97,903 | 56 | ..... | ..... | ..... | ..... | 2 | ..... | 2 | ..... | ..... |
| Rheims..... | Aug. 24..... | 97,903 | 46 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 1 | ..... |
| Cadiz..... | Aug. 24..... | 65,028 | 34 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Vera Cruz..... | Aug. 29..... | 23,800 | 19 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Gibraltar..... | Aug. 18..... | 23,631 | 13 | ..... | ..... | 1 | ..... | ..... | ..... | 2 | ..... | ..... |
| Kingston, Can..... | Aug. 30..... | 17,300 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| La Guayra..... | Aug. 17..... | 7,428 | 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| La Guayra..... | Aug. 24..... | 7,428 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

JOHN B. HAMILTON,

Supervising Surgeon-General, Marine-Hospital Service.