

Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XII.

WASHINGTON, D. C., MAY 28, 1897.

No. 22.

UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

Smallpox in Mobile.

MOBILE, ALA., May 22, 1897.

SIR: I have the honor to state that on the 21st instant Celia Johnson, colored female, aged 25, whose residence is at Elmira and Lawrence streets, applied at the city dispensary for treatment for a sore throat. Dr. Campbell discovered smallpox and sent for Dr. Abrahams, the city health officer, who confirmed the diagnosis and at once sent the woman to the pesthouse.

There are no cases or reasons for suspicion in or near the house where the woman lived, and the origin is unknown. It is fair to suppose that the disease was imported by a transient visitor.

The two cases reported March 28 and April 17 were discharged from the pesthouse on May 11.

A case was discovered in a white woman in Birmingham two weeks ago, recently from Memphis and perhaps due to infection left by De Forest, the March 19 case. Careful inquiry fails to connect Mobile with the De Forest case. A report is received to-day of a suspicious case near Montgomery which the state health officer will investigate.

I am, very respectfully, your obedient servant,

R. D. MURRAY,
Surgeon, U. S. M. H. S.

Smallpox in Pensacola.

PENSACOLA, FLA., May 24, 1897.

SIR: I have the honor to inform you that a case of smallpox was reported at the office of the board of health on the 20th instant. The victim is a negro, by the name of Joe Carter, who has been employed on the work train of L. and N. R. R. He was brought here from Cottondale, Fla., on the P. and A. division of the L. and N. about a hundred and thirty miles from this city. He was immediately sent to the pesthouse.

Respectfully, yours,

J. WHITING HARGIS,
Acting Assistant Surgeon, U. S. M. H. S.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to May 28, 1897.**

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham.....	May 8.....	1		
Mobile.....	Dec. 28-Jan. 26....	2		
	Mar. 28.....	1		
	Apr. 17.....	1		
	May 21.....	1		
Union Springs.....	Mar. 21.....		1	
Connecticut:				
New Haven.....	Feb. 17.....	1		
Florida:				
Pensacola.....	Jan. 19-Feb. 20....	13		12 varioloid.
	Feb. 28-Mar. 10....	14		Varioloid.
	Mar. 27-Apr. 3.....	3		Do.
	Apr. 10-May 1.....	10		Do.
	May 2-May 22....	7		
Escambia County (not including Pensacola).....	Dec. 2-Jan. 19....	18		
Illinois:				
Chicago.....	Mar. 25.....			Smallpox reported; brought from Mexico.
	Mar. 27-Apr. 3.....		1	
	Apr. 10-Apr. 17....	2		
	May 8-May 15....		1	
Indiana:				
Greenwood.....	Feb. 12.....	1		
Massachusetts:				
Boston.....	May 1-May 8.....	4		
New Bedford.....	Apr. 10-Apr. 17....	1		
Michigan:				
Blissfield Township.....	Mar. 27-Apr. 10....			Smallpox reported.
	Apr. 17-May 1.....			Do.
Missouri:				
St. Louis.....	April 29.....	2		
	May 1-May 22....	2	3	
New York:				
Brooklyn.....	Apr. 24-May 15....	2	1	
New York.....	Mar. 1-Mar. 31....		2	Do.
	Apr. 17-May 15....		10	
Pennsylvania:				
Drifton.....	Apr. 6.....	1		
Tennessee:				
Memphis.....	Apr. 1-May 22....	9		
Washington:				
Tacoma.....	Feb. 6.....	1		
Olympia.....	Mar. 1.....	1		

*For table of smallpox in the United States, etc., May 9, 1896, to December 29, 1896, see PUBLIC HEALTH REPORTS, Vol. XII, No. 1.

Report of immigration at Boston for the week ended May 22, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, May 22, 1897.

*Number of alien immigrants who arrived at this port during the week ended May 22, 1897;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
May 16	Steamship Yarmouth.....	Yarmouth.....	113
May 17	Steamship Halifax.....	Halifax.....	71
Do.....	Steamship Barnstable.....	Jamaica.....	13
Do.....	Steamship Philadelphian.....	Liverpool.....	2
Do.....	Schooner J. F. Nickerson *.....	Brava, Cape Verde Islands.....	44
May 19	Schooner Cabo Verde *.....	do.....	22
May 18	Steamship Michigan.....	Liverpool.....	1
Do.....	Steamship Cephalaria.....	Liverpool and Queenstown.....	571
May 19	Steamship Columbian.....	London.....	3
Do.....	Steamship Hibernian.....	{ Galway and Londonderry..... }	202
Do.....	Schooner J. B. Martin.....	{ Glasgow..... }	1
May 20	Steamship Olivette.....	Annapolis.....	97
Do.....	Steamship Yarmouth.....	Halifax.....	99
Do.....	Steamship Canada.....	Yarmouth.....	222
		Liverpool and Queenstown.....	
	Total.....		1,461

* Entered at Port of New Bedford, Mass.

THOMAS F. DELHANTY,
U. S. Commissioner of Immigration.

Report of immigration at New York for the week ended May 22, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, May 24, 1897.

*Number of alien immigrants who arrived at this port during the week ended May 22, 1897;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Wherefrom.	No. of immigrants.
May 16	Steamship Asturia.....	Stettin.....	57
Do.....	Steamship Maasdam.....	Rotterdam.....	141
Do.....	Steamship Hekla.....	Copenhagen.....	158
Do.....	Steamship La Champagne.....	Havre.....	327
May 18	Steamship Kensington.....	Antwerp.....	274
Do.....	Steamship Sicilia.....	Stettin.....	70
May 19	Steamship Werra.....	Genoa and Gibraltar.....	859
Do.....	Steamship Ethiopia.....	Glasgow.....	81
May 20	Steamship Trave.....	Bremen.....	416
Do.....	Steamship Pennsylvania.....	Hamburg.....	456
Do.....	Steamship Aurania.....	Liverpool and Queenstown.....	356
Do.....	Steamship California.....	Naples.....	728
May 21	Steamship Vega.....	Lisbon and the Azores.....	104
Do.....	Steamship Britannic.....	Liverpool and Queenstown.....	608
Do.....	Steamship Crefeld.....	Bremen.....	314
Do.....	Steamship Fürst Bismarck.....	Hamburg.....	516
May 22	Steamship St. Paul.....	Southampton.....	265
Do.....	Steamship Taormina.....	Hamburg.....	281
Do.....	Steamship Umbria.....	Liverpool and Queenstown.....	268
	Total.....		6,279

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

*Report of immigration at Philadelphia for the week ended May 22, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, May 22, 1897.**Number of alien immigrants who arrived at this port during the week ended May 22, 1897;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
May 20	Steamship Indiana.....	Liverpool and Queenstown.....	135

JNO. J. S. RODGERS,
*U. S. Commissioner of Immigration.**Reports of States and yearly and monthly reports of cities.*

MAINE—*Portland*.—Four weeks ended May 15, 1897. Estimated population, 41,500. Total deaths, 58, including enteric fever, 1, and phthisis pulmonalis, 12.

MASSACHUSETTS — *Brockton*.—Month of April, 1897. Estimated population, 35,853. Total deaths, 40, including diphtheria, 1; scarlet fever, 1, and phthisis pulmonalis, 3.

Fitchburg.—Month of April, 1897. Estimated population, 28,392. Total deaths, 30, including diphtheria, 1, and phthisis pulmonalis, 2.

MICHIGAN.—Week ended May 15, 1897. Reports to the State board of health from 54 observers indicate that erysipelas increased and diarrhea, influenza, and tonsilitis decreased in area of prevalence. Phthisis pulmonalis was reported present at 167 places, measles at 89, scarlet fever at 23, diphtheria at 19, typhoid fever at 15, and whooping cough at 10 places.

Grand Rapids.—Month of April, 1897. Estimated population, 90,000. Total deaths, 75, including diphtheria, 1; enteric fever, 2; phthisis pulmonalis, 7, and whooping cough, 1.

MISSOURI—*St. Louis*.—Month of April, 1897. Estimated population, 600,000; white, 565,000. Total deaths, 783, including diphtheria, 14; enteric fever, 4; measles, 1; phthisis pulmonalis, 80, and whooping cough, 2.

NEW HAMPSHIRE—*Manchester*.—Month of April, 1897. Estimated population, 60,000. Total deaths, 97, including diphtheria, 2, and phthisis pulmonalis, 6.

NEW JERSEY—*Hudson County*.—Month of April, 1897. Estimated population, 355,231. Total deaths, 568, including enteric fever, 4; diphtheria, 35; measles, 1; phthisis pulmonalis, 63, and whooping cough, 3.

Paterson.—Month of April, 1897. Estimated population, 106,248. Total deaths, 166, including diphtheria, 15; enteric fever, 1; phthisis pulmonalis, 18, and whooping cough, 1.

NEW YORK—*Yonkers*.—Month of April, 1897. Estimated population, 40,000. Total deaths, 63, including diphtheria, 4; enteric fever, 1; phthisis pulmonalis, 7, and whooping cough, 1.

RHODE ISLAND—*Newport*.—Month of April, 1897. Estimated population, 21,500. Total deaths, 22, including phthisis pulmonalis, 3.

WISCONSIN—*Milwaukee*.—Month of April, 1897. Estimated population, 275,000. Total deaths, 289, including diphtheria, 30; measles, 3; scarlet fever, 4; enteric fever, 12; phthisis pulmonalis, 36, and whooping cough, 1.

WASHINGTON—*Seattle*.—Month of April, 1897. Estimated population, 60,000, including phthisis pulmonalis, 2.

QUARANTINE REPORTS.

National quarantine and inspection stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Alexandria, Va.	May 22	Br. bk. Ben Lavers*	Apr. 27	Santos	Brunswick	Disinfected and held	May 13	No transactions.	4
Brunswick, Ga.	May 15	Br. bk. Conductor*	May 5	Rio Santiago de Cuba.	do	Held for disinfection	do	do	
		Sp. bk'n. Lloret de Mar.*	May 8	St. Thomas	do	Disinfected and held	do	do	
		Am. sc. Etta A. Stimpson.	May 10	Habana	do	do	do	do	
		Am. sc. George Taulane, Jr.	May 13	do	do	do	do	do	
		Sp. bk. Consuelo	do	do	do	Held for disinfection	do	do	
		Br. ss. Casenor	do	Kingson	do	Disinfected and held	do	do	3
Cape Charles Quarantine.	May 22								
Cape Fear, N. C.	do.								1
Delaware Breakwater Quarantine Station, Del.	do.								4
Eureka, Cal.	May 22							No transactions.	
Grays Harbor, Wash.	May 19							do	
Gulf Quarantine, Ship Island, Miss.	May 15								5
		Am. sc. Millie Williams.*	May 3	Vera Cruz.	Pascagoula.	Held for disinfection.	May 9	No transactions.	
		Am. sc. Rollin Sanford.*	May 8	Coatzacoalcos, Mex.	do	do	May 11	do	
		Am. sc. L. N. Dantzier.	May 9	Frontera, Mex.	Moss Point.	do			
		Am. sc. Woodside.	do	Habana	Pascagoula.	do			
		Am. sc. Henrietta J. Powell.	do	do	do	do			
		Port. brig Brazil.	May 10	Rio.	Apalachicola.	do			
		Am. sc. James Slater.	do	Sagua la Grande.	Pascagoula.	do			
		Nor. bk. Prince Louis.	May 11	Rio.	Ship Island.	do			
		Rus. sc. Johannes.	do	Para.	Pascagoula.	Held for disinfection.			
		Br. ss. Drummond.	May 14	Rio	Ship Island.	do			
Newbern, N. C.	May 15							No transactions.	8
Port Townsend Quarantine, Wash.	do.							Vaccinated 30 Chinese.	
Reedy Island Quarantine, Del.	May 22								25

* Previously reported.

QUARANTINE REPORTS—Continued.
National quarantine and inspection stations—Continued.

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
San Diego Quarantine, Cal.	May 15								2
San Francisco Quarantine, Cal.	.....do.....								9
South Atlantic Quarantine, Blackbeard Island, Ga.	.....do.....	Sp. bk. Tuysa*	Apr. 29	Habana	Brunswick	Held for disinfection.	May 12		5
		Ger. bk. Wodan*	May 5	Curaçao	Sapelo	Held for instructions.	May 10	2 cases yellow fever in Rio—1 on voyage.	
		Br. bk. Cambrian	May 12	Rio	Savannah	Held for disinfection.			
	.....do.....	Am. sc. Susie M. Plummer*	May 7	Habana	Port Tampa	.....do.....	May 14		
		Am. sc. Thos. F. Polard	May 10	Matanzas	Pensacola	.....do.....	May 15		
		Am. sc. Chas. L. Davenport	May 11	Habana	Punta Gorda	Disinfected and held.			
		Br. sc. Lena Pickup	May 13	.....do.....	Mobile	.....do.....			
		Sp. ss. Serra	May 14	.....do.....	Punta Gorda	.....do.....			
Washington, N. C.	May 22							No transactions.	

* Previously reported.

QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Anclote, Fla.								No report	
Apalachicola, Fla.								do	
Boston, Mass.	May 22								27
Cedar Keys, Fla.	May 15							No report	10
Charleston, S. C.								do	
Charlotte Harbor.	May 15								9
Elizabeth River, Va.	May 22								15
Galveston, Tex.	May 15							No transactions	3
Georgetown, S. C.	May 22								6
Gloucester, Mass.	do								6
Key West, Monroe Co., Fla.	May 15								9
Mayport, Fla.	May 22	Am. sc. J. S. Hoskins.	May 20	Mayaguez, P. Rico.	Jacksonville, Fla.	Held for disinfection.			6
	do								9
Mobile Bay, Ala.	May 15	Br. ship Servia *	May 2	Rio	do	do	May 13		
		Am. sc. Fred A. Small *	May 3	Habana	do	do	May 9		
		Ital. bk. Angelo *	May 6	Barbados	do	Disinfected and held			
		Am. bk. Apphia and	May 9	Livingston,	do	Held for disinfection.	May 13		
		A. bk. Buteshire	May 11	Guatemala.	do				
		Br. bk. Dus Sorelli	May 12	Montevideo	do	Held to discharge ballast.			
		Ital. bk. Arramoor	May 13	Buenos Ayres,	do	Waiting orders.			
				A. R.	do	Disinfected and held.			
New Bedford, Mass.	May 22								2
Newport News, Va.	do								7
Newport, R. I.	do							No transactions	
Portland, Me.	do								2
Fort Royal, S. C.	do								2
Providence, R. I.	do							No transactions	
St. Helena Entrance, S. C.	do							No report	
Sabine Pass, Tex.								do	

* Previously reported.

QUARANTINE REPORTS—Continued.
State and municipal quarantine stations—Continued.

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Savannah, Ga.....	May 22	Nor. bk. Sondre* Aust. bk. Artieri Giovanni* Br. bkt. Margarita.....	May 13.....do..... May 20	Para. Brazil... St. Paul de Loanda, W.A. Rio Grande do Sul via Barbados and St. Thomas.	Savannah .........do..... .....do.....	Held for observation..... .....do..... Held to discharge ballast..	..... ..... .....	..... ..... .....	5
Tampa Bay, Fla.....	.....do.....	Br. bk. Cambrian Queen Am. ec. J. Manches- ter Hayes.* Am. sc. James W. Fitch.* Am. sc. Susie M. Plummer.	May 22 May 10.....do..... May 17	Rio..... Cienfuegos, Cuba. .....do..... Habana.....	.....do..... Port Tampa... .....do..... .....do.....	Held for instructions..... Disinfected and held. .... .....do..... Held for observation.....	..... May 17 May 18.....do.....	See South Atlantic Quarantine. One case sickness—not contagious. No report.....	..... 21
Velasco, Tex..... West Point, Va.....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....

* Previously reported.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—										
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Amesbury, Mass.....	May 22.....	9,798	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Ashtabula, Ohio.....	do.....	8,338	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baltimore, Md.....	do.....	434,439	147	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Binghamton, N. Y.....	May 15.....	35,105	8	.....	.....	.....	.....	.....	.....	4	2	2	.....	2
Do.....	May 22.....	35,005	8	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Boston, Mass.....	do.....	448,477	197	22	.....	.....	.....	.....	.....	2	4	8	.....	2
Bristol, R. I.....	May 15.....	5,478	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooklyn, Mass.....	May 15.....	27,294	6	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Brooklyn, N. Y.....	May 22.....	806,943	345	39	.....	.....	.....	.....	.....	1	8	19	5	2
Brownsville, Tex.....	do.....	6,134	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butler, Pa.....	do.....	8,734	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 22.....	8,734	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge, Mass.....	do.....	70,028	23	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Charleston, S. C.....	May 15.....	* 54,955	† 28	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cincinnati, Ohio.....	May 21.....	296,908	108	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cleveland, Ohio.....	May 15.....	261,353	101	9	.....	.....	.....	.....	.....	3	.....	1	3	.....
Columbus, Ohio.....	May 22.....	6,719	20	3	.....	.....	.....	.....	.....	.....	.....	3	.....	2
Dayton, Ohio.....	May 20.....	61,220	12	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dedham, Mass.....	May 15.....	7,123	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dunkirk, N. Y.....	do.....	9,416	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fall River, Mass.....	May 22.....	74,398	32	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fitchburg, Mass.....	May 15.....	22,037	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gloucester, Mass.....	do.....	24,651	9	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Rapids, Mich.....	May 22.....	60,278	16	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Haverhill, Mass.....	do.....	27,412	11	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hoboken, N. J.....	May 15.....	43,648	21	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ironton, Ohio.....	do.....	10,939	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 22.....	10,939	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jacksonville, Fla.....	May 15.....	17,201	13	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jersey City, N. J.....	May 16.....	163,003	67	6	.....	.....	.....	.....	.....	1	3	4	.....	.....
Kalamazoo, Mich.....	May 22.....	17,853	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lawrence, Mass.....	May 15.....	44,654	18	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Lebanon, Pa.....	May 16.....	14,664	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 23.....	14,664	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lowell, Mass.....	May 22.....	77,696	41	4	.....	.....	.....	.....	.....	.....	.....	1	.....	2
Lynchburg, Va.....	do.....	19,709	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
McKeesport, Pa.....	May 15.....	20,741	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 22.....	20,741	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester, N. H.....	May 15.....	44,126	15	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 22.....	44,126	28	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medford, Mass.....	do.....	11,079	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Memphis, Tenn.....	do.....	64,495	17	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown, N. Y.....	May 15.....	11,977	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee, Wis.....	May 22.....	204,468	67	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minneapolis, Minn.....	May 15.....	164,738	39	4	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Mobile, Ala.....	May 22.....	31,076	11	2	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Nashville, Tenn.....	do.....	76,168	22	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
New Bedford, Mass.....	do.....	40,733	17	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
New Brighton, N. Y.....	May 27.....	16,423	9	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....
Do.....	Apr. 3.....	16,423	7	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 10.....	16,423	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 17.....	16,423	5	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....
Do.....	Apr. 24.....	16,423	14	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 1.....	16,423	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Do.....	May 8.....	16,423	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newburyport, Mass.....	May 15.....	13,947	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newport, R. I.....	May 22.....	19,457	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York, N. Y.....	do.....	1,515,301	607	89	.....	.....	.....	.....	.....	6	5	34	12	3
Norristown, Pa.....	do.....	19,791	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Adams, Mass.....	do.....	16,074	6	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Omaha, Nebr.....	May 8.....	140,452	17	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Oneonta, N. Y.....	May 15.....	6,272	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 22.....	6,272	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pensacola, Fla.....	do.....	11,750	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petersburg, Va.....	May 16.....	22,680	9	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 23.....	22,680	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia, Pa.....	May 15.....	1,046,964	443	47	.....	.....	.....	.....	.....	12	4	23	.....	8
Pittsfield, Mass.....	May 22.....	17,281	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Poughkeepsie, N. Y.....	May 15.....	22,206	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Providence, R. I.....	May 22.....	132,146	10	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1
Pueblo, Colo.....	May 15.....	24,558	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reading, Pa.....	May 17.....	58,661	19	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Salt Lake City, Utah.....	May 15.....	44,843	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....

* Estimated population, 65,165; white, 28,870; colored, 36,295. † White, 6; colored 22.

[illegible]

Table of temperature and rainfall, week ended May 24, 1897.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	* Excess.	* Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	49		1	.84		.24
Portland, Me.....	55	1		.84		.84
Northfield, Vt.....	55		1	.74		.34
Boston, Mass.....	58	4		.80		.60
Vineyard Haven, Mass.....	58	2		.70		.70
Nantucket, Mass.....	54	0		.77		.47
Woods Hole, Mass.....	55	1		.70		.70
Block Island, R. I.....	54	2		.84		.54
New Haven, Conn.....	59	1		.84		.34
Albany, N. Y.....	61		1	.71		.51
New York, N. Y.....	61		1	.70		.51
Harrisburg, Pa.....	62	2		1.11		.91
Philadelphia, Pa.....	64	0		.75	.05	
New Brunswick, N. J.....	62	0		.82		.12
Atlantic City, N. J.....	59	1		.60		.31
Baltimore, Md.....	65	1		.84	.76	
Washington, D. C.....	66	0		.91	.17	
Lynchburg, Va.....	67		1	.91		.71
Cape Henry, Va.....	66		2	.91		.68
Norfolk, Va.....	68	0		.98		.18
Charlotte, N. C.....	68	0		.98		.55
Raleigh, N. C.....	67	1		1.41		1.41
Kittyhawk, N. C.....	68		4	.80	1.00	
Hatteras, N. C.....	68		2	1.05		.55
Wilmington, N. C.....	70		2	.98		.98
Columbia, S. C.....	74		2	.91		.81
Charleston, S. C.....	73		1	.92		.92
Augusta, Ga.....	73		1	.78		.68
Savanna, Ga.....	74		2	.72		.72
Jacksonville, Fla.....	75		1	.96		.96
Jupiter, Fla.....	76	0		1.44		1.04
Key West, Fla.....	80		2	.83		.83
Gulf States:						
Atlanta, Ga.....	69	3		.79		.79
Tampa, Fla.....	76		2	.74		.74
Pensacola, Fla.....	73	1		.80		.80
Mobile, Ala.....	74	0		1.01		1.01
Montgomery, Ala.....	73	1		.90		.90
Vicksburg, Miss.....	73	1		1.08		1.08
New Orleans, La.....	75	1		1.08		1.08
Shreveport, La.....	74	0		.91		.81
Fort Smith, Ark.....	68	4		1.05		1.05
Little Rock, Ark.....	68	4		1.33		1.33
Palestine, Tex.....	70	2		1.33		1.23
Galveston, Tex.....	77		1	.98		.93
San Antonio, Tex.....	75		1	.70		.10
Corpus Christi, Tex.....	75	1		.83		.83
Ohio Valley and Tennessee:						
Memphis, Tenn.....	71	3		.91		.91
Nashville, Tenn.....	69	1		.71		.61
Chattanooga, Tenn.....	67	3		.93		.93
Knoxville, Tenn.....	67	1		.84		.64
Louisville, Ky.....	67		1	.80		.30
Indianapolis, Ind.....	65		3	.94	.50	
Cincinnati, Ohio.....	66		2	.77	.03	
Columbus, Ohio.....	62	0		.98		.08
Parkersburg, W. Va.....				.91		.31
Pittsburg, Pa.....	64		2	.77		.67
Lake Region:						
Oswego, N. Y.....	56	2		.68	.12	
Rochester, N. Y.....	59	1		.77		.57
Buffalo, N. Y.....	57		3	.77		.27
Erie, Pa.....	59		1	.91		.01
Cleveland, Ohio.....	60	0		.88	.32	
Sandusky, Ohio.....	60			.82	.48	
Toledo, Ohio.....	62		2	.77	.33	
Detroit, Mich.....	60		2	.84	.46	
Lansing, Mich.....	59	1		.74	.46	
Port Huron, Mich.....	56	2		.77	.23	
Alpena, Mich.....	51	1		.78	.32	
Sault Ste. Marie, Mich.....	48	0		.49	1.11	
Marquette, Mich.....	51		3	.72	.18	
Green Bay, Wis.....	55	1		.96	1.04	

* The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended May 24, 1897—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Grand Haven, Mich.....	56	.....	2	.81	.....	.11
Milwaukee, Wis.....	55	5	.....	.84	.....	.24
Chicago, Ill.....	56	4	.....	.84	.....	.34
Duluth, Minn.....	51	.....	1	.89	.....	.19
Upper Mississippi Valley:						
St. Paul, Minn.....	60	0	.....	.78	.62	.....
La Crosse, Wis.....	61	1	.....	.77	.23	.....
Dubuque, Iowa.....	62	0	.....	.96	.24	.....
Davenport, Iowa.....	63	1	.....	1.03	.....	.53
Des Moines, Iowa.....	61	3	.....	1.11	.....	.41
Keokuk, Iowa.....	64	2	.....	.91	.....	.71
Springfield, Ill.....	63	1	.....	1.19	.....	.79
Cairo, Ill.....	68	2	.....	.91	.....	.71
St. Louis, Mo.....	67	3	.....	1.05	.....	1.05
Missouri Valley:						
Columbia, Mo.....	64	4	.....	1.35	.....	1.35
Springfield, Mo.....	62	8	.....	1.41	1.41	.....
Kansas City, Mo.....	65	5	.....	1.07	.....	.97
Wichita, Kans.....	64	6	.....	.98	.....	.88
Concordia, Kans.....	63	7	.....	1.06	.....	.86
Lincoln, Nebr.....	62	4	.....	1.23	.....	.23
Omaha, Nebr.....	63	5	.....	1.01	.....	.81
Sioux City, Iowa.....	58	6	.....	.77	.....	.57
Yankton, S. Dak.....	62	2	.....	1.01	.....	.71
Valentine, Nebr.....	59	5	.....	.63	1.77	.....
Huron, S. Dak.....	57	3	.....	.70	.....	.60
Pierre, S. Dak.....	57	7	.....	.52	.....	.32
Moorhead, Minn.....	55	3	.....	.56	.....	.26
Bismarck, N. Dak.....	56	2	.....	.56	.54	.....
Williston, N. Dak.....	54	5	.....	.46	.....	.06
Rocky Mountain Region:						
Havre, Mont.....	55	7	.....	.35	.....	.25
Helena, Mont.....	57	7	.....	.39	.....	.09
Miles City, Mont.....	58	8	.....	.55	.....	.55
Rapid City, S. Dak.....	54	8	.....	.87	.....	.07
Spokane, Wash.....	58	6	.....	.35	.....	.15
Wallawalla, Wash.....	63	3	.....	.35	.....	.35
Baker City, Oreg.....	54	6	.....	.42	.....	.42
Winnemucca, Nev.....	56	6	.....	.21	.....	.01
Salt Lake City, Utah.....	59	5	.....	.38	.02	.....
Lander, Wyo.....	54	.....	.....	.58	.....	.....
Cheyenne, Wyo.....	52	6	.....	.51	2.09	.....
North Platte, Nebr.....	60	6	.....	.63	.....	.53
Denver, Colo.....	58	6	.....	.64	.....	.24
Pueblo, Colo.....	59	7	.....	.39	.....	.29
Dodge City, Kans.....	64	4	.....	.77	.....	.27
Oklahoma, Okla.....	69	1	.....	1.34	.....	1.34
Amarillo, Tex.....	66	0	.....	.49	.....	.49
Abilene, Tex.....	72	0	.....	.84	.....	.74
Santa Fe, N. Mex.....	57	1	.....	.27	2.13	.....
El Paso, Tex.....	73	3	.....	.14	.26	.....
Phoenix, Ariz.....	76	2	.....	.00	.00	.....
Pacific Coast:						
Tatoosh Island, Wash.....	51	.....	.....	.98	.....	.....
Port Angeles, Wash.....	51	.....	.....	.28	.....	.....
Fort Canby, Wash.....	54	2	.....	.63	.....	.53
Portland, Oreg.....	59	3	.....	.54	.....	.54
Roseburg, Oreg.....	58	4	.....	.42	.....	.32
Eureka, Cal.....	54	0	.....	.67	.....	.67
Redbluff, Cal.....	69	9	.....	.28	.....	.28
Carson City, Nev.....	56	8	.....	.14	.....	.04
Sacramento, Cal.....	65	5	.....	.17	.....	.17
San Francisco, Cal.....	57	3	.....	.12	.....	.12
Fresno, Cal.....	70	6	.....	.07	.....	.07
Los Angeles, Cal.....	63	1	.....	.07	.....	.07
San Diego, Cal.....	61	1	.....	.07	.03	.....
Yuma, Ariz.....	79	1	.....	.00	.00	.....

* The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera, yellow fever, and plague as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to May 25, 1897.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay	Dec. 8-Dec. 15.....	.....	1	
	Dec. 22-Dec. 29.....	.....	1	
	Mar. 23-Mar. 30.....	.....	1	
	Mar. 31-Apr. 27.....	.....	8	
Calcutta.....	Nov. 14-Jan. 30.....	.....	267	
	Jan. 31-Feb. 27.....	.....	311	
	Feb. 28-Mar. 6.....	.....	125	
	Mar. 6-Apr. 17.....	.....	855	
Madras.....	Nov. 21-Nov. 27.....	.....	2	
	Nov. 28-Dec. 4.....	.....	1	
	Dec. 12-Dec. 25.....	.....	6	
	Dec. 26-Jan. 29.....	.....	22	
	Jan. 30-Feb. 26.....	.....	13	
	Feb. 27-Mar. 5.....	.....	2	
	Mar. 6-Mar. 19.....	.....	1	
	Mar. 20-Mar. 26.....	.....	2	
Singapore.....	Nov. 1-Nov. 30.....	.....	12	
	Dec. 1-Dec. 31.....	.....	5	
Ceylon:				
Colombo	Nov. 28-Jan. 23.....	.....	114	
	Jan. 23-Jan. 30.....	1	1	
England:				
Plymouth.....	Jan. 9.....	.....	4	On steamship <i>Nubia</i> . No cases in city.
Japan:				
Tokyo	Dec. 4-Dec. 29.....	8	7	
	Dec. 30-Jan. 18.....	3	3	
Yokohama.....	Dec. 4-Dec. 29.....	4	3	
	Dec. 30-Jan. 18.....	2	2	

YELLOW FEVER.

Brazil:				
Para.....	Dec. 12-Jan. 30.....	.....	32	
	Jan. 31-Feb. 27.....	.....	20	
	Feb. 27-Mar. 6.....	.....	9	
	Mar. 13-Mar. 20.....	.....	3	
	Apr. 3-Apr. 10.....	.....	3	
Rio de Janeiro.....	Nov. 21-Dec. 26.....	.....	10	
	Dec. 26-Jan. 30.....	.....	28	
	Jan. 31-Feb. 6.....	12	5	
	Feb. 13-Feb. 20.....	21	6	
	Feb. 20-Mar. 6.....	.....	16	
	Mar. 7-Apr. 24.....	135	52	
Cuba:				
Cardenas.....	Dec. 25-Jan. 30.....	84	8	
	Jan. 31-Feb. 27.....	38	1	
	Apr. 17-May 15.....	19	4	
Cienfuegos.....	Dec. 20-Dec. 27.....	.....	8	
	Dec. 28-Jan. 17.....	.....	2	
	Apr. 4-Apr. 11.....	.....	1	
Habana.....	Dec. 17-Dec. 31.....	220	79	
	Jan. 1-Jan. 28.....	400	144	
	Jan. 28-Feb. 25.....	117	44	
	Feb. 25-Mar. 25.....	130	38	
	Mar. 25-Apr. 29.....	342	85	
	Apr. 30-May 20.....	184	48	
Manzanillo.....	Apr. 1-Apr. 15.....	.....	1	
Matanzas.....	Dec. 9-Dec. 23.....	.....	8	
	Dec. 23-Jan. 27.....	.....	19	
	Jan. 27-Feb. 24.....	.....	4	
	Feb. 25-Mar. 31.....	.....	2	
	Apr. 1-May 12.....	9	5	

*Cholera, yellow fever, plague, etc.—Continued.***YELLOW FEVER—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
Santiago	Dec. 5-Dec. 26.....		17	
	Dec. 26-Jan. 30.....		16	
	Jan. 16-Jan. 30.....		5	
	Jan. 30-Feb. 27.....		6	
	Feb. 27-Mar. 27.....		3	
	May 2-May 8.....		1	
Cuba: *				
Sagua la Grande.....	Dec. 19-Dec. 26.....	50	5	
	Dec. 26-Jan. 9.....	65	6	
	Jan. 9-Jan. 30.....	110	12	
	Jan. 31-Feb. 27.....	35	7	
	Feb. 27-Mar. 27.....	54	17	
	Mar. 28-May 15.....	139	11	
Ecuador:				
Guayaquil.....	Dec. 18-Jan. 1.....		9	
Haiti:				
Port au Prince.....	Dec. 1-Dec. 7.....		2	
	Dec. 14.....			Yellow fever epidemic.
	Mar. 1-Mar. 8.....		3	
Guadeloupe:				
Basse Terre.....	Jan. 5.....	1		
United States of Colombia:				
Panama	Apr. 14.....	20	17	
	May 4.....			Yellow fever continues.

PLAGUE.

Egypt:				
Suez	Mar. 31.....			One case of plague on Br. S. S. <i>Dilwara</i> from Bombay.
India:				
Bombay †	Dec. 1-Dec. 22.....		694	This is the number of deaths officially reported. The United States consul estimates the number of deaths for the same period at 2,763.
	Dec. 22-Jan. 5.....		738	Estimated deaths for this same period, 2,953.
	Jan. 5-Jan. 12.....		335	Estimated deaths for this same period, 1,388.
	Jan. 12-Jan. 19.....		470	
	Jan. 19-Jan. 26.....		443	Estimated deaths for this same period, 1,462.
	Jan. 26-Feb. 23.....		2,884	Estimated deaths for this same period, 5,845.
	Feb. 23-Mar. 9.....		1,282	Estimated deaths for this same period, 2,265.
	Mar. 9-Mar. 30.....		1,431	Estimated deaths for this same period, 2,730.
	Mar. 31-Apr. 27.....		1,282	Estimated deaths for this same period, 2,299.
Calcutta.....	Feb. 6-Feb. 13.....		1	
Karachi.....	Jan. 11.....			Plague epidemic; 220 cases, 214 deaths to date.
China:				
Hongkong	Dec. 13-Dec. 29.....			A few cases.
Japan:				
Formosa.....	Nov. 6-Nov. 30.....	53	37	
	Dec. 4-Dec. 29.....		15	
	Jan. 19-Jan. 27.....	3		
	Feb. 23-Mar. 12.....	3		
	Mar. 13-Mar. 23.....	4		
	Mar. 24-Mar. 31.....	3		
Russia:				
St. Petersburg.....	Apr. 10-Apr. 17.....		1	
Theodosia.....	Mar. 31.....			One case of plague on Br. S. S. <i>Baldwin</i> .

* February 23, 1897, 300 cases of yellow fever were reported among the sick soldiers on the Island.

† Official returns show 9,118 cases and 7,602 deaths to March 12.

Current quarentine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, May 5, 1897.]

BELGIUM.—By royal order of April 5, the sanitary police regulations against the importation of plague have been amended as follows, in accordance with the recommendations of the conference of Venice, held in March, 1897 :

Article 1. Entry and transportation of the following-named articles from countries or localities infected with plague are forbidden, by land routes as well as water ways.

(a) Body linen, old or used articles of clothing, and bedding that has been used, so far as these articles may be considered as merchandise.

(b) Rags. Bagging that has been in use, old carpets and embroideries that have been in use.

(c) Raw hides and green skins.

(d) Fresh animal refuse, claws, hoofs, hair, raw silk, and wool.

(e) Human hair.

This order, so far as it relates to raw wool, green skins, raw hides, and certain sorts of rags and carpets, may be suspended by ministerial order and repealed by special provisions relative to packing, disinfection, etc.

Article 2. The transportation of the susceptible articles named in article 1 shall take place under supervision of the customs officer if these articles have been so packed as to escape infection.

Article 3. Entry and transportation of articles named in article 1, but not coming from plague-infected countries or localities, may take place by permission of the customs officers under certification relative to their place of origin.

Article 4. Entry and transportation of said articles where they have been at infected ports en route, may take place, provided the authorities at the said ports can certify that they have not come in contact with polluting matter.

Article 4. Articles named in article 1 shall not be denied entry and transportation if the customs officers can certify that they left the infected port prior to the outbreak of the disease.

Article 5. The minister of agriculture and public works shall publicly specify the countries and districts against which these regulations are in force and shall fix the duration of their application.

Article 6. The measures of medical inspection, disinfection, and isolation prescribed for use in ports shall be in conformity with the recommendations of the Venice conference.

Article 7. The said minister shall also prescribe the measures for disinfection of baggage in conformity with the recommendations of the conference.

Article 8. The royal order of January 8 and all the measures of the sanitary commission of the Scheld, which are not in conformity with the recommendations of the conference, are hereby declared out of force.

PERSIA.—According to advices of March 17 the protective measures ordered for the South Persian littoral are extended to include bedding, clothing in use, mattresses, hides, rags, and cotton waste among infectious articles.

BRAZIL.*Sanitary reports from Rio.*

RIO DE JANEIRO, BRAZIL, April 19, 1897.

SIR: I have the honor to transmit report for the week ended April 17, 1897:

There were 15 deaths from *accessio pernicioso*, an increase of 1; 12 from yellow fever, an increase of 11; 11 from beriberi, a decrease of 5; 8 from enteric fever, an increase of 4; 1 from measles, none in the foregoing week; 40 from tuberculosis, a decrease of 9; none from whooping cough, none in the foregoing week, and 298 from all causes, a decrease of 27. The health of the town and port continues excellent. Of the

cases of beriberi two were in private houses, but evidently taken from the hospitals. The yellow fever cases may be due to the unseasonable high temperature.

Since last report the following-named ships have been inspected or received bills of health from this office: April 12, steamship *Catania*, German, for New York, and steamship *Parthia*, German, for New York, from Santos. April 14, steamship *Eastern Prince*, British, for New York. April 19, steamship *Drummond*, British, Capt. D. Mills, for Ship Island, Miss., or Pensacola, Fla., and steamship *Handel*, British, for New York.

Respectfully, yours,

R. CLEARY, M. D.,
Sanitary Inspector, U. S. M. H. S.

RIO DE JANEIRO, April 26, 1897.

SIR: I have the honor to transmit report for the week ended April 24, 1897:

There were 9 deaths from *accessio pernicioso*, a decrease of 4; 7 from yellow fever, a decrease of 5; 7 from beriberi, a decrease of 4; 8 from enteric fever and 1 from measles, the same as in the foregoing week; 38 from tuberculosis, a decrease of 2, and 308 from all causes, an increase of 10.

By telegraph we have the news that yellow fever has appeared in Sorocaba, and Guaritingatá in Sao Paulo.

The health of this town and port continues good.

Since last report the following-named ships have been inspected, or received bills of health from this office: April 19, steamship *California*, French, for New Orleans, from Santos. April 20, bark *Assyria*, Norwegian, for Mobile, Ala. April 22, ship *Girpen*, Swedish, for Sabine Pass, La.; bark *Innervick*, British, for Sapelo Sound, Ga. April 23, bark *Cornelia*, Dutch, for Tybee Roads, Ga., and barkentine *Frances*, American, for Baltimore, Md. April 24, steamship *Grecian Prince*, British, for Barbados, West Indies. April 26, steamship *Bellarden*, British, for New York, N. Y.

Respectfully, yours,

R. CLEARY, M. D.,
Sanitary Inspector, U. S. M. H. S.

CUBA.

Smallpox and yellow fever in Cuban seaports.

May 22: The United States sanitary inspector at Habana reports that during the week ended May 20 there were in that city 16 deaths from yellow fever, with 60 new cases, and 50 new cases of smallpox, with 7 deaths.

May 18: The United States consul at Cardenas reports that during the week ended May 15 there were in that city 5 new cases and no deaths from yellow fever, and 10 cases and 5 deaths from smallpox.

May 14: The United States consul at Matanzas reports that during the week ended May 12 there were in that city 1 death from smallpox and 2 deaths from yellow fever.

May 17: The United States consul at Sagua la Grande reports that during the week ended May 15 there were in that city 24 new cases and no deaths reported from yellow fever, and 14 cases and 1 death from smallpox.

Sanitary report from Habana.

HABANA, CUBA, May 22, 1897.

Sir: I have the honor to inform you that the mortality from smallpox continues to diminish, and has now reached just about the proportions that it had one year ago, before the severe epidemic of it commenced. Yellow fever is still confined almost entirely to the Spanish troops in military hospitals with about the same mortality as last week, the cool dry weather which has prevailed here for over six weeks still continuing.

Mortuary report.—During the week ended May 20 there were 202 deaths from all diseases in this city, 16 of which were caused by yellow fever, with approximately 60 new cases; 7 were caused by smallpox, with 50 new cases, approximately; 11 were caused by enteric fever, 5 by so-called pernicious fever, 4 by paludal fever, 8 by dysentery, 18 by enteritis, 1 by diphtheria, 5 by pneumonia, and 29 by tuberculosis. Fifteen of the deaths from yellow fever during the week were among Spanish soldiers in the military hospitals, while the remaining one was a civilian in the city. All of the 7 deaths from smallpox were among civilians.

Very respectfully,

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

INDIA.

Remarks on the official summary of deaths and births in the city of Bombay for the week ended April 20, 1897.

BOMBAY, April 22, 1897.

SIR: The population continues to return at the rate of 1,500 to 2,000 per day. All persons entering the city are rigidly inspected by medical officers. There is a gratifying gradual improvement from day to day in the number of cases of plague reported and in the total mortality in the city. The health officer still continues the absurdity of calculating the annual rate of mortality per 1,000 on the basis of census population of 1891, and thus makes it 51.69 when it should be about double that figure.

Population according to census of 1891.....	821, 764
Present population, for the purpose of this report, estimated one-half the above..	410, 882
Total number of deaths reported for the week.....	836
Total number of deaths for corresponding week last year.....	697
Mean of corresponding week previous five years	614
Allowing that one-half the population has left the city, the proportionate number of deaths based on the mean of previous five years would be.....	307
Number of deaths last week that may be attributed to plague.....	529
Average per day from plague.....	76
Number of deaths from plague officially reported for week.....	310
Average per day	44
Probable average number of deaths per day from plague reported as having died of other diseases.....	32
	76

Officially reported death rate for the last week per 1,000 (estimated on a population of 821,764).....	51. 69
Same for corresponding week last year.....	41. 38
Mean for corresponding week previous five years.....	37. 01
Number of births reported last week.....	81
Number of births for corresponding week last year.....	275
Mean number for corresponding week previous five years	261

S. COMFORT,
United States Consul.

Remarks on the official summary of deaths and births in the city of Bombay for the week ended April 27, 1897.

BOMBAY, April 29, 1897.

SIR: The figures this week show a continued improvement over those of the previous week. There is a reduction of death rate per 1,000 per annum based on the estimate that one-half the population is present in the city, of from 103.38 for the week ended April 20, to 81.24 for the week under report.

Population according to census of 1891.....	821, 764
Present population, for the purpose of this report, estimated one-half the above.....	410, 882
Total number of deaths reported for the week.....	671
Total number of deaths for corresponding week last year.....	623
Mean number of deaths corresponding weeks, previous five years.....	625
Allowing that one-half the population has left the city, the proportionate number of deaths based on the mean of previous five years would be.....	313
Number of deaths last week that may be attributed to plague.....	358
Average per day from plague.....	51
Number of deaths from plague officially reported for week.....	195
Average per day	28
Probable average number of deaths per day from plague reported as having died of other diseases.....	23
	51

Officially reported death rate for the last week per 1,000 (estimated on a population of 821,764).....	40. 62
Same for corresponding week last year	37. 77
Mean number for corresponding week previous five years.....	37. 84
The actual death rate per 1,000 per annum for last week was about double the rate reported, or say.....	81. 24
Number of births reported last week.....	117
Number for corresponding week last year.....	285
Mean number for corresponding week previous five years	263

S. COMFORT,
United States Consul.

RUSSIA.

Measures to exclude the Indian plague from Russia.

ST. PETERSBURG, February 15, 1897.

The Trade and Manufactures Gazette of St. Petersburg publishes the new measures, as officially announced by the sanitary commission, to prevent the introduction of the plague existing in India into Russia.

At the meetings held by the sanitary commission on the 5th and 9th of February, the measures and regulations adopted and confirmed in

1893 and 1894 against bringing the plague through land or sea frontiers into the Russian Empire were approved and the following measures added :

1. To send an expedition of medical men to India to investigate the causes and effects of the plague, its first appearance, and increase.
2. To prohibit for this year the pilgrimages of Russian Mussulmans to Mecca or to the other places where the Shiites are wont to resort for devotional purposes ; to forbid, also, the Russian Christians visiting the holy places of the East.
3. To prepare and have ready a sufficient quantity of Dr. Yersin's antiplague whey.
4. To send to localities offering unusual facilities for the introduction of the plague special delegates of the commission, who shall have at their disposal a staff of doctors, officers, and civil servants, for the purpose of aiding the local authorities in the execution of the measures recommended by the commission.

5. To publish in the Government Messenger all reliable news regarding the course of the plague epidemic and all information relating to any further action taken or measures adopted by the commission.

The same paper reports that in accordance with the above regulations the sanitary commission received a communication to the effect that the Russian consul-general at Khorassan had telegraphed the governor of Transcaspian Territory that several Indians, who had come to Afghanistan, died in Kandahar last December of bubonic plague. Governor-General Kuropatkin, believing this report probable, at once took steps for the formation of a military cordon on the Afghan frontier, and ordered that travelers and merchandise should only be admitted through Takhtabazar, where a medical observation station had been established. The governor-general of Turkestan, on account of this report, ordered the complete closing of the Bokhara-Afghan frontier.

Information was received later that the Persian Government had closed its frontier toward Afghanistan and that the Afghan Government has suspended all traffic to and from India, that guardhouses have been placed at certain points on the roads to Pashawera and Kwetta, that no cases of plague have occurred in other places in Afghanistan than at Kandahar, and that no increase of mortality has been noticed.

So far the Russian Minister of Finance has granted a credit of 100,000 rubles to defray the cost of the sanitary precautions to be taken to prevent the introduction of the plague into the Russian Empire.

JOHN KAREL,
United States Consul-General.

Statistical reports.

AFRICA—Mozambique.—Month of February, 1897. Estimated population, 10,000. Total deaths, 9.

AUSTRIA-HUNGARY—Budapest.—Month of January, 1897. Estimated population, 640,000. Total deaths, 1,118, including diphtheria, 2; measles, 4, and typhus fever, 1.

CANADA—Ontario—Hamilton.—Month of April, 1897. Estimated population, 50,000. Total deaths, 63, including phthisis pulmonalis, 5.

FRANCE—*Nantes*.—Month of April, 1897. Estimated population, 125,757. Total deaths, 221, including enteric fever, 1, and whooping cough, 2.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended May 8 correspond to an annual rate of 17.0 a thousand of the aggregate population, which is estimated at 10,860,971. The highest rate was recorded in Preston, viz, 30.4, and the lowest in Cardiff, viz, 12.0 a thousand.

London.—One thousand three hundred and twenty-three deaths were registered during the week, including measles, 20; scarlet fever, 10; diphtheria, 26; whooping cough, 35; enteric fever 1, and diarrhea and dysentery, 15. The deaths from all causes correspond to an annual rate of 15.5 a thousand. In greater London 1,706 deaths were registered, corresponding to an annual rate of 14.1 a thousand of the population. In the "outer ring" the deaths included 2 from diphtheria; 6 from measles; 3 from scarlet fever, and 13 from whooping cough.

Scotland.—The deaths registered in 8 principal towns during the week ended May 1 correspond to an annual rate of 22.0 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Dundee, viz, 15.9, and the highest in Edinburgh, viz, 30.1 a thousand. The aggregate number of deaths registered from all causes was 655, including measles, 52; scarlet fever, 3; diphtheria, 6, and whooping cough, 45.

INDIA—*Singapore*.—Month of March, 1897. Estimated population, 56,000. Total deaths, 700, including beriberi, 116; phthisis pulmonalis, 68, and smallpox, 1.

MORTALITY TABLE, FOREIGN CITIES.

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.
Aix la Chapelle.....	May 1.....	112,469	34							1		1
Amsterdam.....	May 8.....	495,589	141							1	2	
Belize.....	May 14.....	13,000	7									
Belleville.....	May 17.....	10,459	4									
Bergen.....	Apr. 28.....	57,800	14					1				
Bermuda.....	May 7.....	15,013	1									
Birmingham.....	May 8.....	505,772	148					2		4	5	2
Bologna.....	May 1.....	150,646	74			1						
Bombay.....	Apr. 20.....	821,764	* 836	2		1		2			13	
Bradford.....	May 1.....	221,610	72					1				1
Brünn.....	do.....	82,660	59						4	1	1	
Brussels.....	do.....	507,985	181									1
Calcutta.....	Apr. 10.....	681,560	545	132		6						
Do.....	Apr. 17.....	681,560	540	122		5		1		1		
Cardenas.....	May 8.....	23,517	42		2	1		13		1		
Catania.....	May 4.....	120,000	54				1					
Chatham.....	May 18.....	9,052	1									
Cienfuegos.....	May 16.....	24,030	23								1	
Coaticook.....	May 15.....	2,500	1									
Cognac.....	May 1.....	21,000	9									1
Do.....	May 8.....	21,000	7									
Cologne.....	May 1.....	333,645	142							4		1
Colombo, Ceylon.....	Apr. 10.....	127,836	66					1				
Copenhagen.....	May 1.....	333,714	115									
Corunna.....	Apr. 24.....	37,000	21			1				5		
Do.....	May 1.....	37,000	21					1		1		
Do.....	May 8.....	37,000	31					3				1
Crefeld.....	do.....	108,316	32									
Demerara.....	Mar. 6.....	50,624	60									
Do.....	Mar. 13.....	50,624	34									
Do.....	Mar. 20.....	50,624	48									
Do.....	Mar. 27.....	50,624	30									
Dusseldorf.....	May 1.....	185,759	59							1		
Edinburgh.....	do.....	292,364	169						2	1	27	19
Flushing.....	May 8.....	17,193	5									
Frankfort on the Main.....	do.....	238,000	72						1			2
Gibraltar.....	May 2.....	25,800	14									
Girgenti.....	May 1.....	24,428	12									
Gothenburg.....	do.....	115,896	35							1	1	2
Guayaquil.....	May 7.....	50,000	94									
Halifax.....	May 15.....	38,700	11									
Kingston, Canada.....	May 31.....	18,040	2									
Leeds.....	May 8.....	402,449	160					1	2	1	4	
Leghorn.....	do.....	103,755	31							1		
Leith.....	May 1.....	75,186	32									
Licata.....	May 15.....	20,000	13				1	2				
Liege.....	May 8.....	163,107	44									
London, Canada.....	May 15.....	34,855	3					1				
Madrid.....	May 5.....	482,816	252			2				5		19
Mannheim.....	May 8.....	101,500	39					4				
Maracaibo.....	May 1.....	50,000	10						1		1	
Matamoras.....	May 14.....	12,000	4									
Matanzas.....	May 12.....	49,000	89		2	1			5		10	
Mayence.....	May 1.....	74,917	27									
Messina.....	May 8.....	107,000	38						1	1		
Montevideo.....	Apr. 10.....	215,061	60					1				
Do.....	Apr. 17.....	215,061	63					2				
Moscow.....	Apr. 24.....	800,000	437									
Munich.....	May 1.....	418,000	200			3		1	10	8	16	1
Newcastle on Tyne.....	May 8.....	212,223	60					1		1	6	
Nuremberg.....	Apr. 24.....	173,817	99								1	2
Odessa.....	May 1.....	353,000	135					1		1	2	1
Palermo.....	do.....	273,000	89									
Paris.....	May 8.....	2,511,955	1,015						3	2	6	41
Plymouth.....	do.....	89,656	43									2
Prague.....	Apr. 24.....	197,634	140						2	1	3	4
Do.....	May 1.....	197,634	127								1	5
Quebec.....	May 15.....	70,000									2	
Rheims.....	May 1.....	108,943	45									
Do.....	May 8.....	108,943	42									
Rio de Janeiro.....	Apr. 17.....	679,000	* 298	12			8				1	
Do.....	Apr. 24.....	679,000	308	7		7	8				1	

* Bubonic plague, 310.

MORTALITY TABLE, FOREIGN CITIES—Continued.

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.
Rome.....	Mar. 27.....	476,917	151	.....	.....	.....	.....	3	.....	1	.....	.....
Do.....	Apr. 3.....	476,917	155	.....	.....	.....	.....	1	.....	.....	3	.....
Rotterdam.....	May 8.....	288,863	105	.....	.....	.....	.....	1	.....	.....	.....	.....
St. Petersburg.....	May 1.....	1,013,000	745	.....	.....	1	.....	21	20	38	44	2
Schiedam.....	May 8.....	26,627	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheffield.....	do.....	352,581	129	.....	.....	.....	.....	1	.....	1	2	.....
Southampton.....	do.....	89,000	28	.....	.....	.....	.....	1	.....	.....	.....	.....
South Shields.....	do.....	95,798	23	.....	.....	.....	.....	.....	.....	.....	1	.....
Stettin.....	May 1.....	150,000	62	.....	.....	.....	.....	.....	.....	1	.....	.....
Stockholm.....	do.....	267,100	94	.....	.....	.....	.....	.....	2	.....	.....	.....
Stuttgart.....	May 6.....	158,378	52	.....	.....	.....	.....	.....	.....	.....	1	.....
Sunderland.....	May 8.....	142,107	51	.....	.....	.....	.....	.....	1	.....	1	2
Tegucigalpa.....	Apr. 3.....	12,000	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 10.....	12,000	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 17.....	12,000	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trapani.....	May 1.....	43,095	14	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	do.....	158,314	74	.....	.....	1	.....	.....	2	1	.....	.....
Tuxpan.....	do.....	10,280	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Venice.....	Apr. 24.....	163,852	72	.....	.....	.....	.....	1	.....	.....	.....	.....
Do.....	May 1.....	163,852	58	.....	.....	.....	.....	3	.....	.....	.....	.....
Warsaw.....	do.....	601,408	205	.....	.....	1	.....	.....	3	.....	.....	.....
Yarmouth.....	May 16.....	6,500	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Zurich.....	May 1.....	153,000	62	.....	.....	.....	.....	.....	.....	.....	.....	2

* Eleven cases of beriberi.

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Supervising Surgeon-General U. S. Marine-Hospital Service.