

# Public Health Reports

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

VOL. XIII.

WASHINGTON, D. C., JUNE 3, 1898.

No. 22.

## UNITED STATES.

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

### *Smallpox in Alabama and Mississippi.*

MOBILE, ALA., *May 28, 1898.*

SIR: I have the honor to report that 2 cases of smallpox have been admitted from Whistler to the county hospital since my last report.

Two cases in railroad hands have been detained at Hurricane Bayou in the past two weeks.

Three cases are reported in isolation at Laurel, Jones County, Miss., on the Northeastern Railroad. Chicken pox is reported as being prevalent.

There have been about 40 cases of smallpox in negroes at and near Shubuta, Clark County, Miss., on the Mobile and Ohio Railroad. Eight cases are yet under observation. General vaccination has been advised by the State board of health.

I am, very respectfully, your obedient servant,

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

### *Case of smallpox in Pensacola, Fla.*

JACKSONVILLE, FLA., *May 25, 1898.*

SIR: You are officially informed of the existence of a case of smallpox at Pensacola, Escambia County, Fla., a negro woman who has but recently visited relatives in Alabama, who were suffering from what was there called "chicken pox." All necessary precautions have been taken. This is the only case of smallpox in Florida.

Yours, truly,

JOSEPH Y. PORTER,  
*State Health Officer.*

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to June 3, 1898.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Bessemer.....	Jan. 6-Feb. 19.....	148		
Birmingham.....	Jan. 6-Feb. 19.....	47		
	May 13.....	15		
In Jefferson county, outside of the city.....	Feb. 6-Feb. 19.....	26		
Carneys Bluff.....	Feb. 17.....			Smallpox reported.
Corona.....	Mar. 4.....	1		
Dolomite.....	Dec. 1-Jan. 17.....	21		
Gosport.....	Feb. 17.....			Do.
Glendon.....	Feb. 17.....			Do.
Haynesville.....	Mar. 11.....	400		
Horse Creek Mine.....	Mar. 4.....	3		
Hurricane Bayou.....	Mar. 31-May 23.....	28		
Jackson.....	Feb. 17.....	10		
Letohatchie.....	May 13.....	50		
Mobile.....	Feb. 5-May 28.....	77	1	
Montevallo.....	Mar. 3.....	1		
Newton.....	Jan. 15-Feb. 2.....	7		
Nichols.....	Feb. 17.....			Do.
Oxmar.....	Jan. 19.....			Do.
Patton.....	Feb. 1-Mar. 4.....	9		
Pinckard.....	Feb. 2.....	50		
Port Deposit.....	May 13.....	1		
Rock Springs.....	Mar. 11.....	15		
Saltpa.....	Feb. 17.....			Do.
Seima.....	Jan. 13-Feb. 14.....	3		
Shelby.....	Jan. 28-Apr. 22.....	8		
Talladega.....	Jan. 9-Feb. 15.....	45		
Walker Springs.....	Feb. 17.....			Do.
<b>Arkansas:</b>				
Fair Oaks.....	Mar. 1.....	5		
Little Rock and vicinity.....	Mar. 31-May 20.....	110	1	
Newport.....	Apr. 28.....	1		
Sweet Home.....	May 20.....	11	1	
<b>District of Columbia:</b>				
Washington.....	Feb. 7.....	1		Naval Hospital.
	Apr. 2-May 5.....	9		
<b>Florida:</b>				
Jacksonville.....	Mar. 20-Mar. 26.....	1		
Pensacola.....	Apr. 24-May 11.....	2		
Washington County.....	Jan. 24.....	12		
<b>Georgia:</b>				
Atlanta.....	Jan. 17-Feb. 16.....	178	2	Most cases from county.
Cartersville.....	Jan. 15-Mar. 1.....	9	1	
Griffin.....	Feb. 12.....	2		
Macon.....	Jan. 15-June 1.....	100	3	
Stilesboro.....	Jan. 15.....			Smallpox reported.
<b>Illinois:</b>				
Chicago.....	May 4.....	1		
<b>Indiana:</b>				
Evansville.....	Feb. 26.....	1		
<b>Kentucky:</b>				
Butler.....	Feb. 8-Feb. 24.....	1		
Louisville.....	Apr. 16.....	1		
Middlesborough.....	Feb. 3-Apr. 7.....	183	2	
<b>Louisiana:</b>				
New Orleans.....	Mar. 13-May 21.....	5		
<b>Massachusetts:</b>				
Greenfield.....	Feb. 5-Feb. 22.....	1		
Westfield.....	Feb. 20-Mar. 2.....	1		
<b>Michigan:</b>				
Ionis.....	Mar. 20-Apr. 23.....			Do
Royal Oak.....	Feb. 12-Mar. 12.....	1		
<b>Mississippi:</b>				
Basin.....	May 16.....	7		
Denny.....	May 16.....	13		
Hendersons Point.....	Feb. 8.....	3		
Laurel.....	May 23.....	3		
Moss Point.....	Feb. 15.....	1		
Shubuta, Clark County.....	May 23.....	40		
<b>New Jersey:</b>				
Westfield.....	Mar. 4.....	1		
<b>New Mexico:</b>				
Albuquerque and vicinity.....	Mar. 5-Apr. 1.....	14		
<b>New York:</b>				
Buffalo.....	May 21.....	1		
Deposit.....	Nov. 1-Nov. 30.....	1		
New York City.....	May 14-May 21.....	1		

## Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina:</b>				
Alamance County.....	Feb. 18-Feb. 25....	1		
Asheville .....	Apr. 14.....	1		
Buncombe County.....	Apr. 16.....	1		
Charlotte.....	Jan. 25-Feb. 12....	4		
Clay County.....	Feb. 15-Feb. 24....	3		
Iredell County.....	May 19.....	1		
Wilmington.....	Jan. 12.....	1		
<b>Ohio:</b>				
Cincinnati.....	May 5.....	1		
Columbus.....	Apr. 16-Apr. 22....	1		
Fairfield County.....	Apr. 8-May 11....	12	1	
<b>Pennsylvania:</b>				
Philadelphia.....	Apr. 13.....	2		
<b>South Carolina:</b>				
Arkwright.....	Mar. 25.....	9		
Beaufort.....	Jan. 17.....			Smallpox reported.
Charleston.....	Apr. 22.....	1		
Columbia.....	Apr. 6-May 2.....	86		
Dyson.....	Mar. 25.....	3		
Greenville.....	Jan. 17.....			Do.
Orangeburg.....	Jan. 17.....			Do.
Pelham.....	Mar. 25.....	20		
Ridge Springs.....	Mar. 25.....	1		
Rock Hill.....	Jan. 17.....			Do.
Spartanburg.....	Jan. 17.....			Do.
Sumter.....	May 2.....	12		
Swansea.....	Jan. 15.....			Do.
<b>Tennessee:</b>				
Bristol.....	Mar. 1-Mar. 31....	1		
Chattanooga.....	Jan. 1-Apr. 30....	21		
Cleveland.....	Apr. 1-Apr. 30....	6		
Elk Valley.....	Mar. 1-Mar. 31....	1		
Huntington (near).....	Jan. 1-Jan. 29....	1		
Jellico.....	Feb. 1-Mar. 31....	9		
Johnson City.....	Feb. 1-Mar. 31....	13		
Knoxville.....	Jan. 1-Apr. 30....	43		
Lenoir City.....	Jan. 1-Feb. 28....	5		
Memphis.....	Jan. 22-Apr. 30....	4		
Mingo mines.....	Jan. 1-Jan. 29....	6		
Mingo.....	Feb. 1-Mar. 31....	3		
Morristown.....	Feb. 1-Mar. 31....	6		
Newcomb.....	Feb. 1-Feb. 28....	3		
Rockford.....	Mar. 1-Mar. 31....	1		
Rutledge.....	Feb. 1-Apr. 30....	14		
Shields Ferry.....	Mar. 1-Mar. 31....	4		
Sprowles.....	Mar. 1-Mar. 31....	1		
<b>Texas:</b>				
Brownsville.....	Feb. 26.....	1		
Columbus.....	Feb. 2-Apr. 2....	30	7	
<b>Virginia:</b>				
Colburn.....	Feb. 1.....			Do.
Norfolk.....	Mar. 1-Mar. 10....	2		
Norton.....	Feb. 1.....			Do.
<b>West Virginia:</b>				
Bluefield.....	Feb. 25.....	5		
Fayette County.....	May 6.....	8		
Mercer County.....	May 6.....	6		
McDowell County.....	May 6.....	12		
<b>Wisconsin:</b>				
Milwaukee.....	May 19.....	1		
Oshkosh.....	Apr. 28.....	1		

*Report of immigration at New York for the week ended May 28, 1898.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, May 31, 1898.*

*Number of alien immigrants who arrived at this port during the week ended May 28, 1898; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 22	Steamship Umbria.....	Liverpool and Queenstown.....	235
May 23	Steamship La Navarre.....	Havre .....	319
May 24	Steamship Westernland.....	Antwerp.....	283
Do.....	Steamship Cheruskia.....	Hamburg.....	62
Do.....	Steamship Trave.....	Bremen.....	450
Do.....	Steamship Amsterdam.....	Rotterdam .....	249
Do.....	Steamship Koenigin Luise.....	Bremen.....	366
May 25	Steamship Anchoria.....	Glasgow.....	88
Do.....	Steamship Chester.....	Southampton and Queenstown .....	106
May 26	Steamship Teutonic.....	Liverpool and Queenstown.....	587
Do.....	Steamship Werra.....	Genoa and Naples.....	415
May 27	Steamship Alsatia.....	Naples.....	688
Do.....	Steamship Fürst Bismarck.....	Hamburg.....	544
Do.....	Steamship Patria.....	.....do.....	334
May 28	Steamship Vega.....	Lisbon and The Azores .....	22
Do.....	Steamship Lucania.....	Liverpool and Queenstown.....	448
	<b>Total.....</b>		<b>5,161</b>

THOMAS FITCHIE,  
*Commissioner.*

**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 28	Nor. bk. Crown (a)	May 20	Demerara	Brunswick	Disinfected and held		No transactions.	
Brunswick, Ga.	do.	Sw. bk. Livingstone	May 22	Laurenco Marques via Jacksonville	do.	Disinfected.	May 23		
Cape Charles Quarantine, Va.	do.								10
Cape Fear, N. C.	do.							No transactions.	5
Delaware Breakwater Quarantine, Del.	do.								
Eureka, Cal.	May 21							No transactions.	5
Grays Harbor, Wash.	May 25								
Gulf Quarantine, Ship Island, Miss.	May 21	Nor. bk. Geo. B. Deane (a)	May 1	Fernambuco	Ship Island	Disinfected and held	May 19	No transactions.	
		Nor. bk. Wm. Gordon (a)	May 8	do.	Apalachicola	do.	May 21	do.	
		Nor. s. Australia	May 15	Rio	Mobile	Held for disinfection		13 cases probably of yellow fever; 2 in port of departure; 11 at sea; 2 deaths.	
Newbern, N. C.	May 28	Am. sc. Lillie B.	May 19	Biloxi	Ship Island	Inspected and held for trespassing.	May 20		
Port Townsend, Wash.	May 21							No transactions.	4
								Steerage and part of crew from British ss. Tacoma bathed and their effects and quarters disinfected at British Columbia Quarantine.	
Beedy Island Quarantine, Del.	May 28	Br. sc. Sirocco (a)	May 5	Habara	Philadelphia	Disinfected and released.	May 24		29
San Diego, Cal.	May 21								3

a 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 Francisco Quarantine, Cal.	May 14							200 Chinese and 14 Japanese steerage passengers from American City of Peking bathed and their clothing and baggage disinfected.	12
	May 21							205 Chinese and 26 Japanese steerage passengers from British ss. Doric bathed and their clothing and baggage disinfected; consular bills of health report for two weeks ending April 19, 208 cases of plague at Hongkong and 197 deaths; a few cases reported at Amoy.	15
South Atlantic Quarantine, Blackbeard Island, Ga.	May 28	Nor. bk. Rhea (a).	May 14	Rio.	Sapelo.	Disinfected.	May 26		
		Nor. bk. Prince Louis (a).	May 15	do	do	Disinfected and held.			
		Am. brig. Havilah (a).	May 17	Santos	Brunswick.	do			
Tortugas Quarantine, Key West, Fla. Washington, N. C.	May 21	Nor. bk. Crown Prince.	May 22	Rio.	Sapelo.	Held for disinfection.		2 deaths from yellow fever on voyage. Preliminary fumigation. No transactions.	
	May 28							do	

a 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.
Angote, Fla.	May 28	Br. s. bk. Severn	May 23	Rio and Santos.	Baltimore.	Disinfected and held.	May 28	No report. do 3 died of yellow fever on voyage; 1 died at Santos.	28
Bangor, Me.	May 7	Nor. bk. Mathilde (a)	Apr. 23	Barbados	Carrabelle	Disinfected and held.	May 3	No report. do do	3
Boca Grande, Fla.	May 21	Nor. bk. Hasbani (a)	Apr. 26	do	Apalachicola.	do	May 6		
Boston, Mass.	May 28	Nor. bk. Dunstrag (a)	Apr. 25	do	do	do		No transactions. do	41
Cedar Keys, Fla.	May 28	Sp. sc. Lola	Apr. 30	Cuban coast.	Captured.	Disinfected with sulphur.	May 7	No report. do do	9
Charleston, S. C.	May 7	Sp. sc. Muscota	May 1	do	do	do			
Charlotte Harbor, Fla.	May 14	Sp. sc. Antonio of Pará.	May 3	do	do	do	May 8		
Elizabeth River, Va.	May 14	Sp. ss. Argonauta	do	Santiago.	do	do	May 10		
Galveston, Tex.	May 14	Sp. sc. Quatro Septiembre.	May 5	Cuban coast.	do	do			
Gardiner, Oreg.	May 14	Sp. smack Orienta	May 6	do	do	do			
Georgetown, S. C.	May 14	Sp. smack Antonio Suarez.	do	do	do	do			
Gloucester, Mass.	May 14	Sp. sloop Porquiteria.	do	do	do	do			
Key West, Monroe Co., Fla.	May 14	Sp. s. c. Mascota (a)	May 1	do	do	do	May 8		
		Sp. sc. Antonio of Pará (a)	May 3	do	do	do	May 10		
		Sp. ss. Argonauta (a)	do	Santiago.	do	do	do		

a 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.
Key West, Monroe Co., Fla.	May 14	Sp. sc. Quatro Septiembre. (a)	May 5	Cuban coast	Captured	Disinfected with sulphur	May 12		
		Sp. smack Orienta. (d)	May 6	do	do	do	May 13		
		Sp. smack Antonia Suarez. (a)	do	do	do	do	do		
		Sp. sloop Portiquita. (a)	do	do	do	do	do		
		Sp. bg. Frascuito	May 7	Montevideo	do	do	May 14		
		Sp. sc. Espana	May 8	Cuban coast	do	do	do		
		Sp. sc. Padre de Dios.	do	do	do	do	do		
		Sp. sc. Santiago Apostol.	May 9	do	do	do	do		
		Sp. sc. Candatiti	May 10	do	do	do	do		
		Sp. sc. Servitar	May 11	do	do	do	do		
	May 21b	Sp. sc. Espana. (a)	May 8	do	do	do	May 15		23
		Sp. sc. Padre de Dios. (a)	do	do	do	do	do		
		Sp. sc. Santiago Apostol. (a)	May 9	do	do	do	May 16		
		Sp. sc. Candatiti. (a)	May 10	do	do	do	May 17		
		Sp. sc. Servitar. (a)	May 11	do	do	do	May 18		
Mayport, Fla.	May 28	Sp. sc. Servitar. (a)	May 11	do	do	do	do	No report.	11
Mobile Bay, Ala.	do	do	do	do	do	do	do	No report.	16
New Bedford, Mass.	May 21	do	do	do	do	do	do	No report.	1
New Orleans, La.	May 28	do	do	do	do	do	do	No report.	11
Newport News, Va.	May 7	do	do	do	do	do	do	No report.	2
Newport, R. I.	May 21	do	do	do	do	do	do	No transactions.	
Pasa Cavallo, Tex.	do	do	do	do	do	do	do	No report.	
Port Los Angeles, Cal.	May 7	do	do	do	do	do	do	No transactions.	
Port Royal, S. C.	May 21	do	do	do	do	do	do	No report.	
Providence, R. I.	do	do	do	do	do	do	do	No report.	
Round Island, Miss.	May 21	do	do	do	do	do	do	No report.	1
St. Helena Entrance, S. C.	do	do	do	do	do	do	do	No transactions.	
San Pedro, Cal.	May 21	Br. s. Macedon (a)	May 14	Rio	Savannah	Disinfected and held	do	No transactions.	6
Savannah, Ga.	do	Br. s. Cape Comorin.	May 21	St. Lucia	Port Tampa	do	do	No transactions.	23
Tampa Bay, Fla.	do	do	do	do	do	do	do	do	

a Previously reported. b Corrected report for week ended May 21.



*Reports of States and yearly and monthly reports of cities.*

MAINE—*Portland*.—Four weeks ended May 14, 1898. Estimated population, 41,500. Total deaths, 53, including phthisis pulmonalis, 8; diphtheria, 2; measles, 1, and whooping cough, 1.

MARYLAND—*Baltimore*.—Month of April, 1898. Estimated population, white, 431,054; colored, 75,344; total, 506,398. Deaths, white, 611; colored, 198; total, 809, including phthisis pulmonalis, 88; enteric fever, 7; scarlet fever, 9; diphtheria, 21; measles, 6, and whooping cough, 7.

MICHIGAN.—Week ended May 21, 1898. Reports to the State board of health from 71 observers indicate that inflammation of bowels increased and pneumonia decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 159, measles at 59, scarlet fever at 31, enteric fever at 26, diphtheria at 17, and whooping cough at 15 places.

NEW JERSEY—*Hudson County*.—Month of April, 1898. Estimated population, 370,608. Total deaths, 557, including phthisis pulmonalis, 63; enteric fever, 8; scarlet fever, 8; diphtheria, 14; measles, 7; and whooping cough, 5.

NEW YORK—*Yonkers*.—Month of April, 1898. Estimated population, 42,000. Total deaths, 60, including phthisis pulmonalis, 5; diphtheria, 6, and measles, 1.



## Table of temperature and rainfall, week ended May 30, 1898.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	aExcess.	aDeficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	51		1	.84	.46	
Portland, Me.....	58		6	.84	1.16	
Northfield, Vt.....	56	2		.77		.07
Boston, Mass.....	61		7	.77	2.53	
Vineyard Haven, Mass.....	60	0		.70	1.80	
Nantucket, Mass.....	55	0		.77	.63	
Woods Hole, Mass.....	57		1	.70	1.20	
Block Island, R. I.....	55		1	.79	2.31	
New Haven, Conn.....	61		5	.78	2.72	
Albany, N. Y.....	63		1	.77	1.13	
New York, N. Y.....	63		5	.70	.80	
Harrisburg, Pa.....	64	2		1.05		.55
Philadelphia, Pa.....	66		2	.77		.47
New Brunswick, N. J.....	62	0		.82		.02
Atlantic City, N. J.....	60		2	.66	.24	
Baltimore, Md.....	68	0		.89		.89
Washington, D. C.....	67	2		.91		.65
Lynchburg, Va.....	69	3		.88		.38
Cape Henry, Va.....	68	2		.91	.09	
Norfolk, Va.....	70	2		.98	.42	
Charlotte, N. C.....	71	3		1.04		.24
Raleigh, N. C.....	69	5		1.28		.18
Kittyhawk, N. C.....	69		1	.88		.79
Hatteras, N. C.....	69	3		1.01		.51
Wilmington, N. C.....	73	3		1.03		.03
Columbia, S. C.....	74	4		.91		.41
Charleston, S. C.....	75	3		1.00		.60
Augusta, Ga.....	75	5		.84		.84
Savannah, Ga.....	76	4		.93		.93
Jacksonville, Fla.....	77	3		1.04		.14
Jupiter, Fla.....	78	0		1.55		1.45
Key West, Fla.....	81		1	.91		.91
<b>Gulf States:</b>						
Atlanta, Ga.....	72	4		.84		.14
Tampa, Fla.....	76	4		.84		.84
Pensacola, Fla.....	76	4		.91		.91
Mobile, Ala.....	76	4		1.12		.32
Montgomery, Ala.....	78	4		.94		.94
Vicksburg, Miss.....	77	3		1.05		.75
New Orleans, La.....	77	3		1.19		1.19
Shreveport, La.....	76	4		.91		.71
Fort Smith, Ark.....	71	7		1.05		1.05
Little Rock, Ark.....	72	6		1.27		.83
Palestine, Tex.....	74	4		1.27		1.27
Galveston, Tex.....	78	0		1.01		1.01
San Antonio, Tex.....	78	2		.70		.70
Corpus Christi, Tex.....	77	1		.78		.78
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	73	5		.97		.97
Nashville, Tenn.....	71	3		.81		.81
Chattanooga, Tenn.....	70	4		1.01		1.01
Knoxville, Tenn.....	69	3		.87		.47
Louisville, Ky.....	69	3		.86		.46
Indianapolis, Ind.....	67	1		.98		.78
Cincinnati, Ohio.....	69	0		.77		.67
Columbus, Ohio.....	64	4		.95	.45	
Parkersburg, W. Va.....	63	5		.91		.71
Pittsburg, Pa.....	65	3		.77		.77
<b>Lake Region:</b>						
Oswego, N. Y.....	57	3		.70	.10	
Rochester, N. Y.....	60	4		.77		.57
Buffalo, N. Y.....	58	2		.82		.72
Erie, Pa.....	62		2	.91		.41
Cleveland, Ohio.....	62	0		.91		.91
Sandusky, Ohio.....	62	2		.88		.78
Toledo, Ohio.....	63	1		.77		.37
Detroit, Mich.....	62	2		.84		.74
Lansing, Mich.....	61		1	.78		.58
Port Huron, Mich.....	57	3		.77		.57
Alpena, Mich.....	54	0		.84		.44
Sault Ste. Marie, Mich.....	50	2		.53	.07	
Marquette, Mich.....	54		2	.77		.27
Green Bay, Wis.....	57	2		.93		.53

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

Table of temperature and rainfall, week ended May 30, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	$\alpha$ Excess.	$\alpha$ Defic'ncy.	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Grand Haven, Mich.....	59		1	.84		.84
Milwaukee, Wis.....	58	0		.84		.84
Chicago, Ill.....	60		2	.84		.84
Duluth, Minn.....	53		1	.96		.06
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	63		1	.85		.05
La Crosse, Wis.....	64	0		.83		.63
Dubuque, Iowa.....	64	2		1.03		.63
Davenport, Iowa.....	65	3		1.05	1.75	
Des Moines, Iowa.....	63	5		1.16	.34	
Keokuk, Iowa.....	67	5		.94		.74
Hannibal, Mo.....	67	5		1.22		1.02
Springfield, Ill.....	64	4		1.13		.63
Cairo, Ill.....	70	4		.91	.49	
St. Louis, Mo.....	69	3		1.11	1.79	
<b>Missouri Valley:</b>						
Columbia, Mo.....	67	5		1.28	.12	
Springfield, Mo.....	65	7		1.32		1.32
Kansas City, Mo.....	68	4		1.12		.72
Topeka, Kans.....	67	3		1.30	.30	
Wichita, Kans.....	67	3		1.08	.02	
Concordia, Kans.....	66	2		1.12		.42
Lincoln, Nebr.....	64	4		1.05	.15	
Omaha, Nebr.....	66	2		1.08		.68
Sioux City, Iowa.....	64	2		.78		.38
Yankton, S. Dak.....	63	1		1.05	.75	
Valentine, Nebr.....	60	2		.65	.25	
Huron, S. Dak.....	60	0		.70		.20
Pierre, S. Dak.....	60	2		.59	.51	
Moorhead, Minn.....	58	0		.57	.53	
Bismarck, N. Dak.....	58	0		.56		.26
Williston, N. Dak.....	58	0		.57	.13	
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	58		4	.43		.43
Helena, Mont.....	57		5	.46	1.14	
Miles City, Mont.....	60		2	.60	1.30	
Rapid City, S. Dak.....	57	1		.95	.55	
Spokane, Wash.....	62		4	.35	.95	
Wallawalla, Wash.....	67			.35	.35	
Baker City, Oreg.....	55		3	.46	.34	
Winnemucca, Nev.....	58		6	.21	.29	
Idaho Falls, Idaho.....	55		1	.22	.38	
Salt Lake City, Utah.....	61		5	.33	.67	
Lander, Wyo.....	55		1	.48	2.42	
Cheyenne, Wyo.....	55	1		.49	.21	
North Platte, Nebr.....	62	0		.68		.18
Denver, Colo.....	60	0		.55	1.05	
Pueblo, Colo.....	62	2		.35	.25	
Dodge City, Kans.....	66	2		.83	5.37	
Oklahoma, Okla.....	72	4		1.18		.88
Amarillo, Tex.....	67	5		.55	.45	
Abilene, Tex.....	74	8		.84		.84
Santa Fe, N. Mex.....	59			.21		.21
El Paso, Tex.....	75	1		.14		.14
Phoenix, Ariz.....	77		1	.00		.00
<b>Pacific Coast:</b>						
Seattle, Wash.....	57	5		.42		.32
Tacoma, Wash.....	55	3		.49		.39
Fort Canby, Wash.....	54	2		.63		.13
Portland, Oreg.....	59		1	.49		.19
Roseburg, Oreg.....	59		3	.42		.02
Eureka, Cal.....	54		2	.60		.20
Redbluff, Cal.....	72		8	.22		.02
Carson City, Nev.....	57		3	.14		.14
Sacramento, Cal.....	57		5	.13	.07	
San Francisco, Cal.....	58		4	.07	.03	
Fresno, Cal.....	70		3	.07		.07
San Luis Obispo, Cal.....	60	0		.07		.07
Los Angeles, Cal.....	63		1	.07		.07
San Diego, Cal.....	62		2	.04		.04
Yuma, Ariz.....	80		4	.00		.00

$\alpha$  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, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to June 3, 1898.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay .....	Nov. 24-Nov. 30.....		4	
	Dec. 1-Mar. 1.....		55	
	Mar. 2-Mar. 29.....		11	
	Mar. 30-Apr. 19.....		9	
Calcutta.....	Nov. 14-Dec. 4.....		42	
	Dec. 5-Jan. 1.....		31	
	Jan. 2-Jan. 29.....		28	
	Jan. 30-Feb. 26.....		82	
	Feb. 27-Mar. 26.....		95	
	Mar. 27-Apr. 23.....		146	
Madras.....	Nov. 20-Dec. 10.....		8	
	Dec. 4-Dec. 31.....		11	
	Jan. 1-Jan. 28.....		45	
	Jan. 29-Apr. 22.....		37	
Singapore.....	Nov. 1-Nov. 30.....		1	
	Dec. 1-Dec. 31.....		1	
	Mar. 1-Mar. 31.....		1	
<b>Japan:</b>				
Kanagawa Ken.....	Mar. 24-Apr. 28.....	4	2	
Osaka and Hiogo.....	Mar. 26-Apr. 9.....	2	1	
Tokyo Fu.....	Apr. 11-Apr. 28.....	4	2	
Yokohama.....	Apr. 15-Apr. 29.....		1	

## YELLOW FEVER.

<b>Brazil:</b>				
Araraguara.....	Mar. 1-Mar. 31.....	4	3	
Bahia.....	Dec. 27.....	3	2	
	Dec. 29.....	6		Taken off of Nor. bk. Adonis.
Ceara.....	Nov. 1-Nov. 30.....		1	
Jaboticabal.....	Mar. 1-Mar. 31.....	35	16	
Para.....	Dec. 12-Jan. 1.....		24	
	Jan. 2-Jan. 15.....		22	
	Jan. 16-Feb. 28.....		30	
Ribeirao Bonito.....	Feb. 1-Mar. 31.....	99	22	
Rio Clara.....	Mar. 1-Mar. 31.....	9	4	
Rio de Janeiro.....	Nov. 21-Dec. 4.....	1		
	Dec. 5-Jan. 1.....	8	3	
	Jan. 1-Jan. 29.....	22	17	
	Jan. 30-Apr. 15.....		508	
Sao Carlos de Pinhal.....	Feb. 28-Mar. 31.....	223	58	Yellow fever reported.
Santos.....	Jan. 2-Jan. 8.....	1	1	
	Jan. 23-Jan. 29.....	3		
	Jan. 30-Feb. 28.....	21	3	
	Mar. 1-Mar. 31.....	32	13	
Sao Paulo.....	Feb. 1-Mar. 31.....	4	3	
<b>Cuba:</b>				
Cienfuegos.....	Dec. 20-Jan. 2.....		2	
	Jan. 3-Jan. 23.....		1	
Habana.....	Dec. 17-Dec. 30.....		6	
	Dec. 31-Jan. 27.....		9	
	Jan. 28-Feb. 17.....		3	
	Mar. 4-Mar. 31.....		4	
Manzanillo.....	Dec. 1-Dec. 31.....		28	
	Jan. 1-Jan. 31.....		9	
	Feb. 14-Feb. 28.....		3	
Matanzas.....	Dec. 15-Jan. 19.....		4	
	Feb. 9-Feb. 23.....		2	
Regla.....	Dec. 31-Feb. 28.....		7	
	Mar. 1-Mar. 24.....		2	
Sagua la Grande.....	Dec. 18-Jan. 20.....			A few cases of yellow fever, but impossible to obtain statistics.
Santiago de Cuba.....	Dec. 19-Jan. 29.....		6	

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

**YELLOW FEVER—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Jamaica:</b>				
Kingston.....	Dec. 19-Jan. 1...	1	1	
	Jan. 2-Jan. 31...	2	2	
	Feb. 5-Feb. 19...	2	1	
<b>St. Andrew.....</b>	Dec. 19-Jan. 1...	1	.....	
	Feb. 27-Mar. 5...	1	1	
<b>St. Catherine.....</b>	Dec. 19-Jan. 1...	1	.....	
<b>St. Elizabeth.....</b>	Dec. 19-Jan. 1...	1	1	
<b>Santo Domingo:</b>				
Santo Domingo.....	May 7-May 14...	1	1	

**PLAGUE.**

<b>Arabia:</b>				
Djiddah.....	Mar. 25-Apr. 10...	.....	29	
Nuslah.....	Mar. 1-Mar. 23...	1	.....	
<b>China:</b>				
Canton.....	Mar. 22-Apr. 5...	10	.....	
Hongkong.....	Nov. 7-Nov. 20...	2	2	
	Dec. 18-Jan. 1...	2	2	
	Jan. 2-Jan. 29...	6	5	
	Jan. 30-Feb. 26...	64	56	
	Feb. 27-Apr. 23...	477	407	
<b>Macao.....</b>	Apr. 9.....	.....	.....	
<b>Shanghai.....</b>	Apr. 23.....	.....	.....	Smallpox reported. On ss. Glenturret, in quarantine.
<b>Egypt:</b>				
Suez.....	May 5.....	.....	.....	1 case plague on ss. Mahale.
<b>India:</b>				
Bombay.....	Nov. 24-Nov. 30...	.....	70	
	Dec. 1-Feb. 8...	.....	4,833	
	Feb. 9-Mar. 1...	.....	3,436	
	Mar. 2-Mar. 29...	.....	4,579	
	Mar. 30-May 3...	.....	2,486	
<b>Calcutta.....</b>	May 3.....	.....	.....	Plague reported. "Sporadic."
<b>Japan:</b>				
Taiwan (Formosa).....	Dec. 28-Apr. 23...	505	84	
Yokohama.....	Mar. 1-Apr. 11...	2	1	
Karachi.....	Apr. 6-Apr. 12...	51	31	
<b>Russia:</b>				
St. Petersburg.....	Mar. 26-Apr. 2...	.....	1	

**SMALLPOX.**

<b>Belgium:</b>				
Antwerp.....	May 1-May 7...	2	.....	
Ghent.....	May 7-May 14...	.....	1	
<b>Bohemia:</b>				
Prague.....	Dec. 12-Jan. 1...	11	.....	
	Jan. 2-May 7...	149	.....	
<b>British Columbia:</b>				
Victoria.....	May 9.....	1	.....	
<b>Brazil:</b>				
Ceara.....	Mar. 1-Mar. 31...	.....	10	
Pernambuco.....	Dec. 1-Dec. 25...	.....	8	
Rio de Janeiro.....	Nov. 21-Dec. 4...	10	.....	
	Dec. 5-Jan. 1...	9	1	
	Jan. 1-Apr. 8...	2	1	
<b>Sao Paulo.....</b>	Feb. 1-Mar. 31...	40	13	
<b>Sorocaba.....</b>	Dec. 16-Jan. 30...	32	10	
<b>Canada:</b>				
Halifax.....	May 14-May 21...	3	.....	
Maisonneuve.....	Jan. 26-Feb. 16...	3	.....	
Montreal.....	Jan. 8-Jan. 12...	3	0	
	Feb. 11-Feb. 16...	1	.....	
<b>China:</b>				
Hongkong.....	Nov. 7-Dec. 4...	6	4	
	Dec. 5-Jan. 1...	11	8	
	Jan. 2-Apr. 23...	190	112	
<b>Cuba:</b>				
Cardenas.....	Dec. 19-Jan. 22...	.....	5	
	Mar. 6-Mar. 27...	.....	8	

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

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Cuba—Continued.</b>				
Cienfuegos.....	Dec. 20-Jan. 2.....	2	7	
	Jan. 3-Jan. 23.....	.....	19	
	Feb. 7-Feb. 27.....	.....	35	
	Feb. 28-Apr. 3.....	.....	9	
Habana.....	Dec. 17-Apr. 7.....	.....	154	
Matanzas.....	Jan. 20-Feb. 23.....	.....	8	
Regla.....	Feb. 18-Apr. 7.....	.....	3	
Sagua la Grande.....	Dec. 19-Jan. 29.....	233	29	
	Jan. 30-Feb. 26.....	470	35	
	Feb. 27-Apr. 4.....	437	26	
<b>England:</b>				
Bristol.....	Feb. 6-Feb. 19.....	1	1	
Leeds.....	Mar. 19-Apr. 9.....	6	4	
Liverpool.....	Jan. 15-Jan. 29.....	3	.....	
	Feb. 1-Apr. 2.....	6	.....	
London.....	Feb. 27-Mar. 26.....	4	.....	
Middlesborough.....	Feb. 9.....	90	.....	
Newcastle on Tyne.....	Mar. 19-May 14.....	10	1	
Southampton.....	Jan. 8-Feb. 12.....	2	.....	
South Shields.....	May 7-May 14.....	1	.....	
Sunderland.....	Dec. 18-Jan. 8.....	1	.....	
	Feb. 27-Mar. 26.....	4	.....	
West Hartlepool.....	Jan. 9-Jan. 22.....	5	.....	
<b>Germany:</b>				
Bremen.....	Apr. 23-Apr. 30.....	1	.....	
Hamburg.....	Mar. 6-Mar. 12.....	2	.....	
<b>Gibraltar:</b>				
	Dec. 6-Dec. 12.....	1	.....	
	Dec. 27-Apr. 3.....	6	.....	
<b>India:</b>				
Bombay.....	Feb. 9-May 3.....	.....	27	
Calcutta.....	Dec. 19-Dec. 25.....	.....	1	
	Jan. 30-Apr. 23.....	.....	34	
Madras.....	Nov. 27-Dec. 3.....	.....	1	
	Dec. 4-Dec. 31.....	.....	3	
	Jan. 1-Jan. 28.....	.....	6	
	Jan. 29-Feb. 4.....	.....	6	
	Feb. 5-Apr. 22.....	.....	66	
Singapore.....	Mar. 1-Mar. 31.....	.....	1	
<b>Italy:</b>				
Messina.....	Dec. 12-Jan. 8.....	.....	5	
	Jan. 30-Apr. 16.....	.....	3	
<b>Japan:</b>				
Aichi Ken.....	Dec. 28-Apr. 28.....	8	1	
Akita Ken.....	Dec. 28-Apr. 10.....	15	4	
Awomori Ken.....	Dec. 28-Apr. 28.....	48	4	
Chiba Ken.....	Dec. 28-Apr. 10.....	9	.....	
Formosa.....	Feb. 4-Mar. 3.....	7	4	
Fukui Ken.....	Dec. 28-Feb. 3.....	1	.....	
Fukuoka Ken.....	Mar. 24-Apr. 28.....	3	.....	
Fukuohima Ken.....	Dec. 28-Apr. 28.....	119	27	
Gifu Ken.....	Feb. 4-Feb. 22.....	1	.....	
Gumma Ken.....	Feb. 4-Feb. 22.....	1	.....	
Hiroshima Ken.....	Jan. 22-Feb. 3.....	1	.....	
Iwate Ken.....	Dec. 28-Apr. 28.....	42	4	
Kagoshima Ken.....	Feb. 4-Feb. 22.....	1	.....	
Kanagawa Ken.....	Dec. 28-Jan. 21.....	3	.....	
Kochi Ken.....	Dec. 28-Jan. 21.....	1	.....	
Miyagi Ken.....	Dec. 17-Dec. 27.....	2	3	
	Dec. 28-Apr. 28.....	94	23	
Miyazaki Ken.....	Jan. 22-Feb. 3.....	3	1	
Nagano Ken.....	Feb. 4-Mar. 23.....	9	5	
Nagasaki Ken.....	Jan. 22-Mar. 23.....	4	1	
Niigata Ken.....	Mar. 4-Mar. 23.....	4	1	
Okayama Ken.....	Feb. 4-Apr. 10.....	3	1	
Osaka Fu.....	Dec. 28-Apr. 10.....	3	.....	
Oyama Ken.....	Mar. 4-Mar. 23.....	1	1	
Saitama Ken.....	Dec. 17-Dec. 27.....	1	.....	
Tochigo Ken.....	Mar. 24-Apr. 10.....	1	.....	
Tokyo Fu.....	Dec. 28-Mar. 23.....	6	.....	
Yamagata Ken.....	Jan. 22-Apr. 28.....	36	8	
Yamaguchi Ken.....	Feb. 4-Apr. 28.....	10	1	
Yamanashi Ken.....	Mar. 24-Apr. 28.....	5	1	
Yehime Ken.....	Dec. 17-Apr. 10.....	59	13	
The Hokkaido.....	Dec. 17-Dec. 27.....	70	26	
	Dec. 28-Apr. 28.....	396	104	

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

**SMALLPOX—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
Mexico:				
Nogales .....	May 13.....	4	.....	
Norway:				
Christiania.....	Mar. 20-May 7...	17	2	
Netherlands:				
Amsterdam.....	Dec. 12-Dec. 24...	1	.....	
Rotterdam.....	Dec. 12-Dec. 31...	3	1	
	Jan. 1-Jan. 29...	1	.....	
Russia:				
Moscow.....	Nov. 29-Dec. 4...	1	1	
	Dec. 5-Dec. 11...	1	1	
	Jan. 1-Apr. 30...	46	11	
Odessa.....	Dec. 5-Jan. 1...	53	9	
	Jan. 2-Jan. 29...	34	7	
	Jan. 30-May 7...	74	11	
St. Petersburg.....	Dec. 4-Dec. 25...	35	13	
	Jan. 9-Jan. 29...	56	19	
	Jan. 30-May 7...	.....	52	
Warsaw.....	Dec. 19-May 7...	.....	116	
Scotland:				
Edinburgh.....	Apr. 16-Apr. 30....	2	.....	
Glasgow.....	Dec. 5-Dec. 25...	3	1	
Leith.....	Apr. 3-Apr. 30....	2	1	
Spain:				
Corunna.....	Jan. 1-Feb. 5.....	.....	2	
Madrid.....	Dec. 22-Dec. 28...	.....	1	
	Feb. 8-Apr. 6.....	.....	3	
Turkey:				
Constantinople.....	Jan. 10-Feb. 6.....	.....	53	
	Feb. 28-Apr. 24...	.....	58	
Uruguay:				
Montevideo.....	Dec. 25-Mar. 19...	5	.....	
Venezuela:				
Puerto Cabello.....	Apr. 2-Apr. 11...	23	6	
Valencia.....	Apr. 2-Apr. 11...	54	.....	
Wales:				
Cardif.....	Dec. 18-Dec. 24...	1	.....	

*Current quarantine measures.*

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, May 4, 1898.]

**PLAGUE.**

**TURKEY.**—In accordance with decision of the Superior council of health at Constantinople of April 12, all vessels arriving at Bassorah with plague cases on board shall leave the port after delivery of the mail they carry. By later decision of April 19, pilgrims returning from Mecca shall transship at Ras el Assouad, and shall not enter Djiddah.

**EGYPT.**—The standing commission of the International Sanitary Council at Alexandria resolved, April 20, to enforce the quarantine regulations against plaguè in the case of all arrivals from Kurrachee.

**BRITISH INDIA.**—According to official advices of April 4 vessels leaving Kurrachee must conform to the requirements of the Venice conference. These requirements are also in force for vessels leaving Aden, Calcutta, Madras, and Rangoon.

**STRAITS SETTLEMENTS.**—By proclamation of the Government, dated March 26, the port of Djiddah is declared infected and quarantine is in force against all vessels arriving thence, covering a period of nine



days from the date of the last plague case, or until a dispensation is received from the sanitary authorities.

**JAPAN.**—By ministerial order of March 17 sanitary medical inspection is made obligatory for all arrivals from Hongkong.

#### YELLOW FEVER.

**SPAIN.**—By royal order of April 20, quarantine for vessels arriving from Pensacola, Fla., in good condition, is suspended.

#### SMALLPOX.

**VENEZUELA.**—By proclamation of March 29 the port of Puerto Cabello is isolated from all other ports of the Venezuelan coast. Inspection of vessels shall be performed as follows:

(1) Bill of health from the port of departure, with visa from intermediate ports, to be required.

(2) The passenger and crew lists to be examined and verified strictly and without exception.

(3) The vessel to be examined to ascertain if the legal requirements for such cases have been complied with.

(4) To show that the vessel's commander has daily compared the ship's list and given the necessary information in regard to changes of personnel to the consular authority.

By later order, March 30, vessels arriving from foreign ports, having on board goods and effects for Puerto Cabello, shall consign their cargoes and papers to other vessels at La Guayra, which vessels shall deliver the cargoes as directed. Also, owners of cargoes may take said cargoes through the customs house and expedite their arrival in coast-wise craft. In such cases, as compensation for the unusual expense, the customs tax shall be reduced to 5 centimes per kilo.

#### BRAZIL.

##### *Sanitary report from Rio.*

RIO DE JANEIRO, *April 27, 1898.*

SIR: I have the honor to transmit the official report of the week ended April 15.

There were 371 deaths from all causes, a decrease of 55; 74 deaths from yellow fever, a decrease of 4; 23 deaths from *accessio pernicioso*, a decrease of 18; 1 death from typhoid fever, the same as in the foregoing week; 17 deaths from beriberi, an increase of 7; 41 deaths from consumption, a decrease of 13.

*Service of the disinfecting station of Rio de Janeiro.*—During the months of January, February, and March, 104 patients were removed, 12 of which suffered from yellow fever, 74 from smallpox, 16 from typhoid fever, and 2 from diphtheria.

Nine thousand seven hundred and forty-one rooms were disinfected by the same institute.

SANITARY CONDITION OF THE STATE OF SAO PAULO DURING THE MONTH OF MARCH.

	Yellow fever.	Cured.	Died.	Remain in treatment.
Santos (a).....	32	10	13	9
S. Carlos (a).....	177	90	47	40
Ilhéus Bonito (b).....	20	14	3	3
Rio Claro (b).....	9	3	4	2
Araraguara (b).....	4	0	3	1
Jaboticabal (b).....	35	8	16	11

a In hospital of isolation.

b All told.

In the hospital of isolation of the city of S. Paulo during the month of March there were entered for treatment 43 cases of smallpox, of which 16 were cured, 9 died, and 18 remain ; 18 cases of typhoid fever, of which 9 were cured and 9 remain ; 1 case of scarlet fever, which was cured, and 2 cases of yellow fever, which remain.

Since last report the following-named ships have been inspected and received bills of health from this office : April 22, bark *Robert S. Bernard*, British, for Ship Island. April 25, steamship *Sallust*, British, for New York. April 26, steamship *Nitocris*, British, for Pensacola. April 27, schooner *Vareiro*, Portuguese, for Brunswick.

Respectfully, yours, W. HAVELBURG, M. D.,

Acting Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,  
U. S. Marine-Hospital Service.

CHINA.

*Plague on board the Glenturret at Shanghai.*

CONSULATE-GENERAL, UNITED STATES OF AMERICA,  
*Shanghai, April 21, 1898.*

SIR: I have the honor to inclose and make a part of this report the following account of the arrival of the ship *Glenturret* at Shanghai with plague on board :

“At last the much-dreaded plague has reached North China waters and has gotten so close to Shanghai as Woosung. The Glen Liner *Glenturret*, Captain Webster, from London, via Hongkong, arrived on Saturday morning and reported the death of a native on board from what was believed, and was afterwards found, to be bubonic plague. The vessel was at once placed in quarantine and all communication with the shore rigidly forbidden. To-day it is reported that 6 cases, which had developed suspicious symptoms yesterday, have proved fatal, making 7 victims in all, 1 having died yesterday. Customs launches are actively engaged at the ship in order to enforce the quarantine regulations. The isolation depot at the Point, always kept in a general state of readiness, is now being prepared for the immediate reception of the natives from the *Glenturret*.”

No more cases or deaths have been reported to the present time.

I have the honor to be, sir, your obedient servant,

JOHN GOODNOW,  
Consul-General.

Hon. ASSISTANT SECRETARY OF STATE.

## INDIA.

*Existence of plague at Calcutta suspected.*

CONSULATE-GENERAL OF THE UNITED STATES,  
Calcutta, April 27, 1898.

SIR: I have the honor to state that a number of suspicious cases have been reported to the health officer here within the past few days, but it has not been decided whether they are real plague or not, and it may be several days before the decision is announced.

It would be a terrible calamity if it were to get into the densely populated native quarter of the city, with its narrow streets, reeking with filth, though the health officers are trying to put that quarter into a better sanitary condition, and are preparing to combat the disease should it make its appearance here.

Should the plague break out here, the authorities have decided to adopt a different course from that pursued in Bombay, and, instead of segregation in all cases, to give the option between segregation and vaccination, believing the latter will be generally accepted by the natives and be more effectual, besides creating less friction.

Plague once having a foothold here, it would be almost impossible to stamp it out in the crowded native quarter with practically no measures of sanitation.

It would be disastrous to the business of the city which depends so largely upon its foreign commerce, as, of course, quarantine would be at once established against all ships sailing from this port.

Should it be authoritatively announced as being here in epidemic form, I will immediately advise the Department by cable in accordance with paragraph 379 of Consular Regulations.

I am, sir, your obedient servant,

R. F. PATTERSON,  
*Consul-General.*

HON. ASSISTANT SECRETARY OF STATE.

*Quarantine against the Hedjaz and Karachi on account of plague.*

CONSULATE-GENERAL OF THE UNITED STATES,  
Calcutta, April 21, 1898.

SIR: Inclosed herewith I have the honor to transmit, for the information of the Department, copies of notifications issued by the Government of Bengal Marine Department, enforcing quarantine against vessels arriving from Karachi and those from Hedjaz, *i. e.*, pilgrimage from Mecca.

I am, sir, your obedient servant,

R. F. PATTERSON,  
*United States Consul-General.*

HON. ASSISTANT SECRETARY OF STATE.

[Inclosure No. 864—Marine.]

MARINE DEPARTMENT, Calcutta, April 18, 1898.

SIR: I am directed to inform you that the officers under this department concerned have been instructed to treat the Hedjaz as an infected area within the meaning of the Venice sanitary convention regulations of 1897 and to strictly enforce against vessels arriving from the Hedjaz the rules for quarantine which are in force in the port of Calcutta.

I have the honor to be, sir, your most obedient servant,

T. H. CLOWES,  
*Under Secretary.*

The CONSUL-GENERAL FOR AMERICA.

[Inclosure No. 813—Marine.]

MARINE DEPARTMENT, *Calcutta, April 14, 1898.*

SIR: I am directed to inform you that Karachi having been declared an infected port, the officers concerned have been instructed to strictly enforce the rules for quarantine in force in the port of Calcutta against vessels arriving from Karachi.

I have the honor to be, sir, your most obedient servant,

T. H. CLOWES,  
*Under Secretary.*

The CONSUL-GENERAL FOR AMERICA.

JAPAN.

*Sanitary report from Yokohama—Plague increasing in Hongkong.*

UNITED STATES MARINE-HOSPITAL SERVICE,  
*Yokohama, Japan, May 11, 1898.*

SIR: I am unable to forward my regular report of infectious disease by this mail, but am able to state that the few cases of cholera, noted in my letter of April 29, as having occurred in Tokyo and Yokohama, have, since that date, been followed by no others of undoubted genuineness. The sanitary condition throughout the Empire, with the exception of Formosa, where the plague appears to be slowly but steadily increasing in severity, is, on the whole, very satisfactory.

The increasing prevalence of plague in Hongkong at a time when, as at present, an unusual number of Chinese passengers are going to United States ports, calls for special strictness in the examination of vessels, which I am endeavoring to enforce.

I have the honor to be, sir, very respectfully, your obedient servant,  
STUART ELDRIDGE, M. D.,  
*Sanitary Inspector, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

TURKEY.

*Sanitary report from Constantinople—Case of plague at Suez.*

LEGATION OF THE UNITED STATES,  
*Constantinople, May 10, 1898.*

SIR: I beg herewith to inclose report No. 191 of Dr. Zavitziano of the International Sanitary Commission. I call your attention to the fact that there has been 1 fatal case of bubonic plague on a steamer at Suez.

I have the honor to be, sir, your obedient servant,

JAMES B. ANGELL.

Hon. SECRETARY OF STATE.

[Inclosure—Report No. 191.]

CONSTANTINOPLE, *May 8, 1898.*

As I have already stated in my previous report, there has not been any fresh bubonic plague in Djiddah since the 19th of last April, for at yesterday's sitting of the International Sanitary Commission it was decided that Dr. Cozzonis, the inspector-general of the sanitary administration, will come back to resume his duties of general inspectorship.

At the same sitting there was communicated the news of the appearance of bubonic plague at Suez (Egypt) among the men of the Egyptian steamship *Mahale* which arrived from Djiddah. She left the latter place on April 23 and arrived April 30 at Suez, where, after a medical inspection, she got free pratique. May 5 one of the fire-

men fell ill, presenting the symptoms of bubonic plague. We do not know if this fireman had landed at Djiddah, and if he had any communication with patients suffering from bubonic plague. We have asked for such details. As a consequence of said appearance of bubonic plague at Suez, the Russian sanitary representative has proposed to take some sanitary steps in order to prevent the spread of the evil in Turkey. Is there any case of bubonic plague at Suez? The above-mentioned fireman—was he on board the steamship *Mahale* or in the town? We know only that the steamship *Mahale*, on board of which the fireman was serving, has been disinfected and isolated. We do not know if there were passengers on board said ship. After a long discussion, Dr. Karacanowsky, the Russian sanitary representative, proposed that passengers arriving from Egypt, not excepting Alexandria, should be submitted to a medical visit. The majority of the other members of the International Sanitary Commission were opposed to the proposed medical visits.

The French sanitary representative communicated some extracts from the reports of the French consul at Djiddah. He states that in Egypt the newspapers have published a telegram from the governor of Djiddah to the Ottoman Government, according to which bubonic plague has never existed in Djiddah; that the sanitary officials of the latter town have stated its existence. The French consul adds that he can not affirm the existence of said telegram, but he reports the fact that many and many copies of the newspapers containing said telegram have been distributed among the population of Djiddah. The above-mentioned consul reports also that this year's bubonic plague was imported last year by Indian pilgrims arrived from Karachi and landed at Lith without undergoing any sanitary survey, and that all through the year there have been sporadic bubonic plague cases. He further states that in spite of the orders given by the central authorities of Constantinople, there was a continual commerce between Djiddah and Ras-el-Assuad; that the inhabitants of Djiddah were going to Ras-el-Assuad and coming back freely; that the population of Djiddah as well as the pilgrims are so much incited against the sanitary officials that it would be impossible to put into execution any sanitary measures. As a consequence, it would be impossible to have the city of Djiddah isolated. The military forces could not resist the population, namely, the pilgrims, who would enter Djiddah in spite of the orders given, and not go to Ras-el-Assuad, where, according to what has been reported to the above-mentioned French consul, and contrary to the previous information we have received, there is no water, no food, no shelter.

I have already stated in my previous report that before the first bubonic plague case had occurred at Djiddah there was 1 at Nuslah, one of the surrounding villages of Djiddah. It was officially stated at the last sitting of the International Sanitary Commission that said village, as well as all the villages between Djiddah and Mecca and the latter town, are enjoying perfect health.

According to the last news from the province of Hedjaz, it has rained. I have already stated that in the Hedjaz in consequence of the drought, famine was to be dreaded.

According to official news the existence of bubonic plague in Calcutta is confirmed. In Karachi it still continues raging epidemically. From the 6th to the 12th of last April, 51 bubonic plague cases have been registered, of which 31 proved fatal. In Bombay, from the 5th to the 12th of April, 652 bubonic plague deaths have been registered, and from the 18th to the 25th of the same month only 465 deaths occurred.

In Constantinople we have always to deal with influenza, measles, typhoid fever, and smallpox. There are also many cases of chicken pox, as well as of mumps. Chicken pox presents rather a severe character, and as a consequence I do not suppose it would be astonishing to see persons making a confusion with true smallpox, of which, it is reported, there is a widespread epidemic. I do not suppose it is easy to deny the existence of the latter epidemic, but according to the death rate returns the smallpox deaths are not in the proportion of an epidemic. I have seen a baby fifteen months old who fell ill with temperature of 40.5 C. She presented the symptoms of congestion of the lungs, and the second day I have heard in the left lung the whiffly breathing of croupous pneumonia. Two days after the pneumonia symptoms disappeared and a strong eruption of chicken pox appeared. The high temperature did not subside till five days after, and after a week the baby got well. There are also many cases of mumps and whooping cough. No cases of the latter two diseases have proved fatal.

SPERIDION C. ZAVITZIANO,  
United States Sanitary Commissioner.

## VENEZUELA.

*Smallpox at Puerto Cabello—(Continued).*

CONSULATE OF THE UNITED STATES,

*Puerto Cabello, April 28, 1898.*

SIR: I beg to report that within the past six days, smallpox cases have increased to an alarming extent. There are 45 cases under treatment at present, while 15 deaths have occurred since March 23.

My dispatch No. 49 of April 18 indicated an abatement of the disease, but a few days subsequently it seemed to gather new vigor, notwithstanding the fact that the authorities built a smallpox hospital and isolated all cases, in addition to thoroughly disinfecting the city, among other methods adopted being the burning of tar, night and day, throughout the town.

Strict quarantine of eighteen days is still enforced and no vessel is permitted to leave here within that time for any part of the coast of Venezuela.

I trust I can soon report an improvement.

I am, sir, your obedient servant, SAMUEL PROSKAUER.

*United States Consul.*

Hon. ASSISTANT SECRETARY OF STATE.

## STATISTICAL REPORTS.

AUSTRALIA—*Sydney*.—Month of March, 1898. Estimated population, 410,300. Total deaths, 436, including enteric fever, 9; scarlet fever, 5, and diphtheria, 7.

BAHAMAS—*Dunmore Town*.—Two weeks ended May 6, 1898. Estimated population, 1,472. One death. No death from contagious disease.

*Governors Harbor*.—Two weeks ended May 7, 1898. Estimated population, 1,500. No deaths.

*Green Turtle Cay—Abaco*.—Two weeks ended May 5, 1898. Estimated population, 3,900. No deaths.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended May 14 correspond to an annual rate of 16.6 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Liverpool, viz, 22.6, and the lowest in Brighton, viz, 10.2.

*London*.—One thousand three hundred and fifty-six deaths were registered during the week, including measles, 76; scarlet fever, 11; diphtheria, 20; whooping cough, 48; enteric fever, 7, and diarrhea and dysentery, 18. The deaths from all causes correspond to an annual rate of 15.7 a thousand. In greater London 1,713 deaths were registered, corresponding to an annual rate of 13.9 a thousand of the population. In the "outer ring" the deaths included 13 from measles, 10 from diphtheria, 2 from scarlet fever, and 13 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended May 14 in the 23 principal town

districts of Ireland was 22.4 a thousand of the population. The lowest rate was recorded in Drogheda, viz, 7.6, and the highest in Armagh viz, 49.9 a thousand. In Dublin and suburbs 151 deaths were registered, including enteric fever, 2; whooping cough, 3; diphtheria, 1, and scarlet fever, 1.

*Scotland.*—The deaths registered in 8 principal towns during the week ended May 14 correspond to an annual rate of 19.8 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Perth, viz, 10.2, and the highest in Glasgow, viz, 23.3 a thousand. The aggregate number of deaths registered from all causes was 596, including measles, 32; scarlet fever, 4; diphtheria, 3, and whooping cough, 26.

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.....	Apr. 30.....	127,667	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Amherstburg.....	May 21.....	2,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Amsterdam.....	May 14.....	506,277	146	.....	.....	.....	.....	.....	.....	.....	.....	1
Antwerp.....	May 7.....	282,872	80	.....	.....	.....	.....	.....	.....	2	.....	2
Barranquilla.....	May 8.....	40,000	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Belfast.....	May 14.....	304,610	139	.....	.....	.....	.....	6	.....	1	2	1
Belize.....	May 21.....	18,000	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Belleville.....	May 23.....	10,399	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Berlin.....	Apr. 23.....	1,728,201	481	.....	.....	.....	.....	1	.....	3	10	6
Birmingham.....	May 14.....	505,772	160	.....	.....	.....	.....	.....	.....	1	4	.....
Bombay.....	Apr. 26.....	700,000	1,116	a	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 3.....	700,000	b	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bordeaux.....	Feb. 5.....	260,000	120	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Feb. 12.....	260,000	141	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Feb. 19.....	260,000	139	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Feb. 26.....	260,000	117	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 5.....	260,000	139	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 12.....	260,000	147	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 19.....	260,000	123	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 26.....	260,000	124	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 2.....	260,000	133	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 9.....	260,000	113	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 16.....	260,000	125	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 23.....	260,000	106	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 30.....	260,000	102	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bradford.....	May 14.....	231,260	74	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bremen.....	Apr. 30.....	143,500	52	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bristol.....	May 14.....	316,900	72	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brussels.....	May 7.....	531,024	169	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calcutta.....	Apr. 23.....	681,560	409	42	.....	2	.....	.....	.....	.....	.....	.....
Do.....	Apr. 16.....	681,560	363	24	.....	6	.....	.....	.....	.....	.....	.....
Cardiff.....	May 14.....	177,770	41	.....	.....	.....	.....	.....	.....	.....	.....	.....
Catania.....	May 12.....	120,000	55	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chemnitz.....	Apr. 23.....	163,000	71	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 30.....	163,000	71	.....	.....	.....	.....	.....	.....	.....	.....	.....
Christiania.....	May 7.....	207,000	77	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cologne.....	Apr. 30.....	343,999	151	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colombo.....	Apr. 16.....	130,000	92	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 24.....	130,000	84	.....	.....	.....	.....	.....	.....	.....	.....	.....
Copenhagen.....	May 7.....	351,000	131	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dresden.....	Apr. 23.....	380,000	138	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dublin.....	May 14.....	350,000	151	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dundee.....	do.....	164,575	62	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flushing.....	do.....	17,193	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frankfort on the Main.....	do.....	245,000	87	.....	.....	.....	.....	.....	.....	.....	.....	.....
Funchal.....	May 8.....	35,665	23	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ghent.....	May 14.....	161,125	70	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gibraltar.....	May 8.....	25,900	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Girgenti.....	May 7.....	24,428	8	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Four hundred and forty-two deaths from plague.

b Two hundred and sixty-three deaths from plague.

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.
Glasgow	May 14	724,349	325					5	2		27	17
Halifax	May 21	38,700	14									
Hamburg	May 7	661,015						1		1	7	6
Hamilton, Bermuda	May 17	2,000	3									
Havre	May 7	119,470	55					2				
Honolulu	Apr. 30	30,000	32									
Do	May 7	30,000	24					1				
Do	May 14	30,000	11					1				
Kingston, Canada	May 27	18,000	7									
Leeds	May 14	416,618	150					2	3		4	8
Leghorn	May 15	104,053	39							1		
Leipsic	May 14	422,071	119							2	2	
Licata	May 7	20,000	10					1				
Liege	May 14	166,110	55					1				
Liverpool	do	647,489	282				1	4	4	1	9	8
Livingston	do	2,000	2									
London	May 7	6,408,321	1,875					6	11	40	120	71
Lyons	Apr. 30	466,028	169									
Do	May 7	466,028	169						1	1	3	1
Madras	Apr. 22	452,518	316	3		3					27	
Manchester	May 14	541,296	222					2	2		6	4
Matamoras	May 20	16,304	8									
Mayence	May 14	76,984	29								1	
Messina	May 14	107,000	36									
Monte Cristi	do	1,200	1					1				
New Castle on Tyne	do	223,000	68						1		1	4
Nuremberg	Apr. 23	189,720	85									
Odessa	May 7	388,000	137			1		2		1	1	
Palermo	do	273,000	128									1
Paris	do	2,511,955	1,028					4	2	3	34	3
Plymouth	May 14	99,136	38									
Puerto Cortez	May 18	2,000	1									
Quebec	May 21	72,000								1		
Rio de Janeiro	Apr. 15	750,000	371		74			1				
Rotterdam	May 14	300,171	118								5	
St. Georges	May 21	2,150	0									
St. Johns	May 14	16,679	12									
St. Petersburg	May 7	1,267,023	711			4	1	34	11	24	8	4
St. Stephens	May 21	3,000	1									
Santo Domingo	May 14	18,000			1							
Schiedam	do	26,884	10									
Sheffield	May 7	358,450	122					2	1	1	5	7
Do	May 14	358,450	129					2			4	8
Sonneberg	Apr. 30	12,400	9									
Southampton	May 7	100,886	24									1
South Shields	May 14	98,922	35									3
Stettin	May 7	152,000	2						1	1		
Stuttgart	May 5	162,934	62									
Sunderland	May 14	143,849	46					2				1
Trapani	May 7	45,095	16									
Trieste	Apr. 30	165,000	69					1		2	1	
Vera Cruz	May 19	30,000	45									
Vienna	Apr. 16	1,590,295	752						3	10	20	1
Do	Apr. 23	1,590,295	817					1	2	12	30	1
Warsaw	May 9	601,408	308			8			3	2		2
Yokohama	Apr. 22	126,685		1						1		
Do	Apr. 29	126,685						1				
Zurich	Apr. 30	158,968	65				3					

By authority of the Secretary of the Treasury :

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