

ABSTRACT OF SANITARY REPORTS.

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UNITED STATES.

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

CAPE CHARLES QUARANTINE.

Week ended October 2, 1891.

Five vessels inspected and passed. Twelve vessels spoken.

DELAWARE BREAKWATER QUARANTINE.

Week ended October 3, 1891.

Name of vessel.	Date of arrival.	Where from.	Destina- tion.	Treatment of vessel and cargo.	Date of dep'ture.
British bark S. J. Bogart (a)...	Sept. 27	Rio de Janeiro.	Waiting orders.	Disinfected.....	

¹ One case of smallpox third day out from Rio de Janeiro. Crew vaccinated. Nine vessels inspected and passed.

GULF QUARANTINE.

Week ended October 1, 1891.

Norwegian bark Prince Regent (a).	Sept. 13	Rio de Janeiro.	Ship Island.	Disinfected.....	
British bark Saga (a).....	Sept. 14	Brazil.....	do.....	do.....	
British bark Aneroid (a).....	Sept. 17	Rio de Janeiro via Barbados.	Mobile.....	do.....	
British schr. H. B. Homan (a)...	Sept. 24	Santiago de Cuba via Horn Island Bar.	Pascagoula.	do.....	
Swedish bark Aurelia (a).....	Sept. 24	Santos via Horn Island Bar.	do.....	Held for disinfection.	
American schr. Magnolia (a)...	Sept. 24	Matanzas....	Handsboro..	Disinfected.....	
Norwegian bark Alfhild (b)...	Sept. 30	Rio de Janeiro via Pensacola.	Pensacola...	Ship a total wreck..	
Italian bark Rosa.....	Sept. 30	Santos via Barbados.	do.....	Held for disinfection.	

^a Previously reported. ^b Crew and effects saved and given shelter at station.

PORT TOWNSEND QUARANTINE.

Week ended September 19, 1891.

Three vessels spoken and passed.

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

Week ended September 26, 1891.

Six vessels spoken and passed.

SAN DIEGO QUARANTINE.

Week ended September 30, 1891.

Three vessels boarded, inspected, and passed.

SAN FRANCISCO QUARANTINE.

Week ended September 26, 1891.

Six vessels boarded, inspected, and passed.

SOUTH ATLANTIC QUARANTINE.

Week ended September 26, 1891.

Name of vessel.	Date of arrival.	Where from.	Destina-tion.	Treatment of vessel and cargo.	Date of dep'ture.
Norwegian bark Helios (a).....	Sept. 3	Rio de Janeiro.	Savannah ...	Unballasted and disinfected.	
Russian bark Vega.....	Sept. 16	Santos.....	.....do.....	.....do.....	
British S. S. Pharos.....	Sept. 23	Rio de Janeiro via New York.	.....do.....	Held for disinfection.	
American schooner Otello	Sept. 25	Jamaica.....	Sapelo S'nd.....	.....do.....	

a Previously reported.

Two cases of smallpox en route from Rio de Janeiro to New York.

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

FLORIDA—*Tampa and surrounding country.*—Month of September, 1891. Population, 10,000. Total deaths, 9, including 1 from phthisis pulmonalis.

IOWA—*Keokuk.*—Month of September, 1891. Population, 14,101. Total deaths, 29, including phthisis pulmonalis 2 and membranous croup 1.

MICHIGAN.—Week ended September 26, 1891. Reports to the State board of health, Lansing, from 71 observers, indicate that smallpox whooping cough, inflammation of kidney, erysipelas, tonsilitis, and dysentery increased, and that measles, puerperal fever, inflammation of brain, pneumonia, typhoid fever, and consumption of lungs decreased in area of prevalence.

Diphtheria was reported present during the week at 31 places, scarlet fever at 31 places, enteric fever at 62 places, and measles at 4 places.

NEW YORK.—Month of August, 1891. Reports to the State board of health from eight districts, including New York City, Brooklyn, and

129 other cities and towns, show a total of 10,720 deaths, including phthisis pulmonalis, 1,041; enteric fever, 171; scarlet fever, 120; croup and diphtheria, 266; measles, 41; and whooping cough, 64.

OHIO—*Dayton*.—Month of September, 1891. Population 61,220. Total deaths, 103, including phthisis pulmonalis, 12; enteric fever, 3; and membranous croup, 1.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—										
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Varicella.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
New York, N. Y.....	Oct. 3.....	1,515,301	737	77						11	6	28	5	3
Chicago, Ill.....	Oct. 3.....	1,200,000	418	39							3	16		3
Brooklyn, N. Y.....	Oct. 5.....	806,343	382	54						9	3	12		1
St. Louis, Mo.....	Oct. 3.....	451,770	154								1	5		
Boston, Mass.....	Oct. 3.....	448,477	201	21						6	1	2	1	1
Baltimore, Md.....	Oct. 3.....	434,439	169	15						4	4	10		1
Cincinnati, Ohio.....	Oct. 2.....	296,908	88	12						1	1	7		1
Detroit, Mich.....	Oct. 2.....	205,876	32							4	4	6		
Milwaukee, Wis.....	Oct. 3.....	204,468	32	8								4		
Minneapolis, Minn.....	Oct. 3.....	164,733	31							2	2			
Rochester, N. Y.....	Oct. 3.....	133,896	38							4	4		3	
Kansas City, Mo.....	Sept. 26.....	132,716	38	4						2	2	1	1	
Providence, R. I.....	Oct. 3.....	132,146	50								1	3		2
Toledo, Ohio.....	Oct. 2.....	81,434	20								3			1
Richmond, Va.....	Sept. 26.....	81,388	39								4			
Richmond, Va.....	Oct. 3.....	81,388	35	2								6		
Nashville, Tenn.....	Oct. 3.....	76,168	39							1				
Portland, Me.....	Oct. 3.....	36,425	12										1	
Binghamton, N. Y.....	Oct. 2.....	35,005	12	3						1				
Yonkers, N. Y.....	Oct. 3.....	32,033	7	1										
Mobile, Ala.....	Oct. 3.....	31,076	17										1	
Auburn, N. Y.....	Oct. 3.....	25,858	9											
San Diego, Cal.....	Sept. 26.....	16,159	1											
Pensacola, Fla.....	Sept. 26.....	11,750	8							2				

Table of temperature and rainfall, week ended October 2, 1891.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
New England States:						
Eastport, Me.....	51	28	.....	.93	.....	.90
Portland, Me.....	53	42	.....	.86	.....	.70
Boston, Mass.....	58	56	.....	.81	.....	.60
Block Island, R. I.....	59	42	.....	.86	.....	.80
Middle Atlantic States:						
Albany, N. Y.....	57	56	.....	.84	.....	.80
New York, N. Y.....	62	42	.....	.82	.....	.60
Philadelphia, Pa.....	62	56	.....	.65	.....	.50
Atlantic City, N. J.....	62	42	.....	.77	.....	.19
Baltimore, Md.....	63	42	.....	.79	.....	.70
Washington, D. C.....	63	42	.....	.82	.....	.61
Lynchburg, Va.....	64	42	.....	.89	.....	.70
Norfolk, Va.....	67	42	.....	.96	.....	.10
South Atlantic States:						
Charlotte, N. C.....	66	28	.....	.86	.....	.90
Wilmington, N. C.....	69	28	.....	1.28	3.90	.....
Charleston, S. C.....	72	14	.....	1.26	3.60	.....
Augusta, Ga.....	71	28	.....	.77	.....	.40
Savannah, Ga.....	72	14	.....	1.05	1.20	.....
Jacksonville, Fla.....	75	0	.....	1.83	1.80	.....
Key West, Fla.....	81	.....	14	1.68	.40	.....
Gulf States:						
Atlanta, Ga.....	67	42	.....	.79	.....	.70
Pensacola, Fla.....	74	28	.....	.90	.....	.90
Mobile, Ala.....	73	28	.....	.91	.....	.80
Montgomery, Ala.....	72	28	.....	.68	.....	.60
Vicksburg, Miss.....	72	42	.....	.70	.....	.60
New Orleans, La.....	75	28	.....	.86	.....	.60
Shreveport, La.....	72	28	.....	.79	3.20	.....
Fort Smith, Ark.....	68	42	.....	.72	.....	.70
Little Rock, Ark.....	69	42	.....	.56	.....	.56
Palestine, Tex.....	71	42	.....	.84	.....	.00
Galveston, Tex.....	76	28	.....	1.22	.....	.40
San Antonio, Tex.....	73	42	.....	.77	.30	.....
Corpus Christi, Tex.....	76	28	.....	1.19	.30	.....
Brownsville, Tex.....	78	14	.....	1.74	1.20	.....
Rio Grande City, Tex.....	79	14	.....	.70	1.50	.....
Ohio Valley and Tennessee:						
Memphis, Tenn.....	68	56	.....	.75	.....	.70
Nashville, Tenn.....	66	56	.....	.76	.....	.80
Chattanooga, Tenn.....	67	56	.....	.84	.....	.80
Knoxville, Tenn.....	66	54	.....	.65	.....	.59
Louisville, Ky.....	65	42	.....	.63	.....	.50
Indianapolis, Ind.....	61	70	.....	.70	.....	.40
Cincinnati, Ohio.....	64	42	.....	.51	.....	.10
Columbus, Ohio.....	61	56	.....	.63	.....	.40
Pittsburg, Pa.....	62	56	.....	.56	.....	.20
Lake Region:						
Oswego, N. Y.....	56	56	.....	.70	.....	.60
Rochester, N. Y.....	56	56	.....	.60	.....	.30
Buffalo, N. Y.....	57	56	.....	.84	.....	.30
Erie, Pa.....	59	42	.....	.95	.....	.90
Cleveland, Ohio.....	59	56	.....	.77	.....	.80
Sandusky, Ohio.....	60	70	.....	.70	.....	.70
Toledo, Ohio.....	59	70	.....	.56	.....	.40
Detroit, Mich.....	58	56	.....	.56	.....	.30
Port Huron, Mich.....	56	70	.....	.58	.....	.20
Alpena, Mich.....	52	70	.....	.98	.....	.80
Marquette, Mich.....	51	84	.....	.98	.....	.60
Grand Haven, Mich.....	55	70	.....	.89	.....	.89
Milwaukee, Wis.....	57	56	.....	.68	.....	.50
Chicago, Ill.....	59	70	.....	.72	.....	.70
Duluth, Minn.....	51	56	.....	.89	1.50	.....
Upper Mississippi Valley:						
St. Paul, Minn.....	55	54	.....	.62	.15	.....
La Crosse, Wis.....	56	70	.....	.84	.50	.....
Dubuque, Iowa.....	58	84	.....	.91	.....	.40
Davenport, Iowa.....	60	70	.....	.77	.....	.20
Des Moines, Iowa.....	69	56	.....	.71	.....	.40
Keokuk, Iowa.....	61	70	.....	.84	.....	.40
Springfield, Ill.....	61	56	.....	.84	.50	.....
Cairo, Ill.....	65	56	.....	.56	.....	.56
St. Louis, Mo.....	65	70	.....	.68	.30	.....

Table of temperature and rainfall, week ended October 2, 1891—Continued.

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Missouri Valley:						
Springfield, Mo.....	63	56		.75		.70
Kansas City, Mo.....	63	70		.96		.90
Concordia, Kans.....	62	28		.52	1.90	
Omaha, Nebr.....	60.	42		.70	1.40	
Valentine, Nebr.....	56	14		.35	.80	
Huron, S. Dak.....	54	42		.35		.00
Pierre, S. Dak.....	57	14		.19	.50	
Extreme Northwest:						
Moorhead, Minn.....	50	42		.56	.50	
Bismarck, N. Dak.....	51	14		.28		.70
Buford, Fort, N. Dak.....	50		28	.18	1.10	
Rocky Mountain Slope:						
Assiniboine, Fort, Mont.....	49		28	.19		.00
Helena, Mont.....	52			.23		
Fort Custer, Mont.....	54			.14		
Salt Lake City, Utah.....	58		28	.50	1.00	
Cheyenne, Wyo.....	52		14	.14	.20	
North Platte, Nebr.....	57	28		.28	.40	
Denver, Colo.....	57	14		.14		.00
Montrose, Colo.....	57		28	.28	.20	
Pueblo, Colo.....	59	28		.15		.10
Dodge City, Kans.....	63	14		.33	3.00	
Sill, Fort, Ind. T.....	67			.70		
Santa Fé, N. Mex.....	55	0		.28	.20	
Pacific Coast:						
Olympia, Wash.....	54		28	.93	.10	
Portland, Oreg.....	58		28	.64	.38	
Roseburg, Oreg.....	57		14	.35		.00
Red Bluff, Cal.....	68		14	.16		.16
Sacramento, Cal.....	66	0		.09		.09
San Francisco, Cal.....	61	0		.09		.09
Los Angeles, Cal.....	67	14		.09		.09
San Diego, Cal.....	66	0		.07		.07
Yuma, Ariz.....	80		28	.07		.07

FOREIGN.

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

Vessels leaving foreign port, bound for the United States, without taking bills of health.—The United States consul at Barbados, West Indies, under date of September 15, 1891, reports as follows:

I have to report to you that the following American steamers left this port on the within-mentioned dates, in quarantine, and with passengers and mails, bound to the United States, without taking bills of health from this island, viz: *Alianca*, August 26, 1891; *Vigilancia*, September 9, 1891.

BAHAMAS—*Dunmore Town*.—Two weeks ended September 10, 1891. Population, 1,472. Total deaths, 3. No deaths from contagious diseases.

Governor's Harbor.—Two weeks ended September 12, 1891. Population, 1,107. Total deaths, 2. No deaths from contagious diseases.

BRAZIL—*Bahia*.—Under date of August 14, 1891, the United States consul reports the health of this city and adjacent country as good, though in the city there are a great many cases of "la grippe."

Maceio.—Month of July, 1891. Population, 17,000. Total deaths, 43.

Month of August, 1891. Total deaths, 46. No deaths from contagious diseases.

Rio de Janeiro—*Smallpox*.—The United States consul reports as follows, August 28, 1891:

The number of deaths from smallpox is increasing daily, and unless there is some check it will become alarming in a short time.

CANARY ISLANDS—*Teneriffe*.—Under date of September 12, 1891, the United States consul writes that no infectious or contagious disease has appeared at this port.

CUBA—*Havana*.—Under date of September 26, 1891, the United States sanitary inspector reports as follows:

There were 118 deaths in this city during the week ended September 24. Nine of those deaths were caused by yellow fever, with approximately 40 new cases, 4 were caused by enteric fever, 1 by bilious fever, 1 by so-called pernicious fever, and 1 by paludal fever.

Under date of October 3 he reports many cases in Havana reported as bilious fever which are often accompanied by profuse diarrhoea.

GERMANY—*Brunswick*.—Month of August, 1891. Population, 109,847. Total deaths, 205, including scarlet fever 1 and diphtheria 1.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 28 great towns of England and Wales during the week ended September 19 corresponded to an annual rate of 17.9 a thousand of the aggregate population, which is estimated at 9,405,108. The lowest rate was recorded in Halifax, viz, 13.2, and the highest in Preston, viz, 29.0 a thousand.

London.—One thousand two hundred and seventy-five deaths were registered during the week, including measles, 12; scarlet fever, 15; diphtheria, 32; whooping cough, 54; enteric fever, 13; and diarrhœa and dysentery, 66. The deaths from all causes corresponded to an annual rate of 15.7 a thousand. Diseases of the respiratory organs caused 152 deaths. In greater London 1,619 deaths were registered, corresponding to an annual rate of 14.19 a thousand of the population. In the "outer ring" the deaths included whooping cough 10 and diphtheria 6.

Ireland.—The average annual death rate represented by the deaths registered during the week ended September 19, in the 16 principal town districts of Ireland, was 19.8 a thousand of the population. The lowest rate was recorded in Armagh, viz, 0.0, and the highest in Waterford, viz, 38.4 a thousand. In Dublin and suburbs 144 deaths were registered, including enteric fever 4 and whooping cough 4.

Scotland.—The deaths registered in 8 principal towns during the week ended September 19 corresponded to an annual rate of 15.4 a thousand of the population, which is estimated at 1,338,314. The lowest mortality was recorded in Paisley, viz, 10.9, and the highest in Glasgow, viz, 17.0 a thousand. The aggregate number of deaths registered from all causes was 397, including measles, 5; scarlet fever, 8; diphtheria, 5; whooping cough, 4; fever, 7; and diarrhœa, 32.

GUIANA—*Georgetown.*—Month of July, 1891. Population, 50,250. Total deaths, 245, including phthisis pulmonalis 23 and enteric fever 2.

Parimaribo.—Month of August, 1891. Population, 28,221. Total deaths, 73, including typhus fever 1 and leprosy 1.

INDIA—*Calcutta—Cholera.*—The United States consul, under date of September 1, reports 9 deaths from cholera during the week ended August 15, 1891.

JAMAICA—*Kingston.*—The United States consul makes the following report, under date of September 19, 1891, relative to the departure of the German bark *Soli Dio Gloria* from Kingston to St. Simon's Sound, Georgia:

* * * * *

The ballast from the *Elene* was transferred to the German barque *Soli Dio Gloria*, which last-named vessel cleared yesterday for St.

MORTALITY TABLE, FOREIGN CITIES—CONTINUED.

Cities.	Week ended.	Popu- lation, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Bremen.....	Sept. 12.....	125,500	37										
Stettin.....	Sept. 12.....	116,500	77										
Havre.....	Sept. 12.....	112,074	66					3					
Catania.....	Sept. 13.....	111,000	73					1	1				
Crefeld.....	Sept. 12.....	108,000	68										
Crefeld.....	Sept. 19.....	108,000	71										
Gothenburg.....	Sept. 12.....	106,246	20										
Rheims.....	Sept. 12.....	105,993	62										
Rheims.....	Sept. 19.....	105,993	51										
Aix-la-Chapelle.....	Sept. 13.....	105,113	54										
Zurich.....	Sept. 12.....	91,323	17				2		3	6	5		
Mannheim.....	Sept. 12.....	80,000	38										
Pará.....	Sept. 6.....	80,000	45		2			1	4				
Pará.....	Sept. 13.....	80,000	37		2								
Mayence.....	Sept. 5.....	72,281	29					4			3		
Mayence.....	Sept. 12.....	72,281	23										
Leith.....	Sept. 12.....	69,933	20										
Trapani.....	Sept. 12.....	43,095	13						1				
Cienfuegos.....	Sept. 20.....	41,647	12		1								
Marsala.....	Sept. 12.....	40,131	21										
Matanzas.....	Sept. 23.....	40,000	30										
Curacoa.....	Sept. 20.....	26,245	10										
Gibraltar.....	Sept. 13.....	25,755	3						1				
Cartagena.....	Sept. 12.....	25,000	12										
Vera Cruz.....	Sept. 18.....	25,000	5		1								
Girgenti.....	Sept. 12.....	23,547	11							2			
Lucerne.....	July 31.....	20,800	31										
Licata.....	Sept. 12.....	20,000	7										
Kingston, Can.....	Sept. 17.....	18,172	6										
Sagua la Grande.....	Sept. 12.....	18,109	8						1				
Sagua la Grande.....	Sept. 19.....	18,109	5										
St. Thomas, W. I.....	Sept. 11.....	12,019	24										
St. Thomas, W. I.....	Sept. 18.....	12,019	26										
Matamoras.....	Sept. 19.....	12,000	4										
Guelph.....	Sept. 26.....	10,539	8										
Queenstown.....	Sept. 12.....	10,340	5										
Queenstown.....	Sept. 19.....	10,340	5										
Chatham.....	Sept. 26.....	8,730	2										
La Guayra.....	Sept. 12.....	7,641	5										
La Guayra.....	Sept. 19.....	7,641	4										
Sarnia.....	Sept. 26.....	6,600	2										
Coaticook.....	Sept. 26.....	3,800	1										
Cardenas.....	Sept. 14.....	3,500	11				1						
Cardenas.....	Sept. 21.....	3,500	11		1				3	1			
Livingston.....	Sept. 23.....	3,000	1										

OFFICIAL:

WALTER WYMAN,

Supervising Surgeon-General Marine-Hospital Service.