

PUBLIC HEALTH REPORTS.

VOL. XXV.

JANUARY 28, 1910.

No. 4

UNITED STATES.

REPORTS TO THE SURGEON-GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

PLAGUE-PREVENTION WORK.

Passed Assistant Surgeon McCoy reports:

Territory infected.—The following is a list of the counties of California in which cases of human plague and plague-infected rodents have been found, specifying the species of infected rodents found in each:

Human cases: San Francisco, Los Angeles, Contra Costa, and Alameda counties.

Infected rodents: San Francisco County, *Mus rattus* (black rat) and *Mus norvegicus* (gray rat). Los Angeles County, *Citellus beecheyi* (ground squirrel). Contra Costa County, *Citellus beecheyi* (ground squirrel). Alameda County, *Mus norvegicus* (gray rat), *Neotoma fuscipes* (brush rat), and *Citellus beecheyi* (ground squirrel). Santa Clara County, *Citellus beecheyi* (ground squirrel). San Benito County, *Citellus beecheyi* (ground squirrel). Santa Cruz County, *Citellus beecheyi* (ground squirrel).

SAN FRANCISCO, CAL.

Last case of human plague sickened January 30, 1908. Last plague-infected rat was trapped October 23, 1908. Total number of plague-infected rats found to date, 398.

Week ended January 1, 1910. Premises inspected, 990. Houses destroyed, 14. Nuisances abated, 123. Poisons placed, 6,730. Rats trapped, 1,187. Rats found dead, 17. Rats identified, 1,621, as follows: *Mus norvegicus*, 1,104; *Mus rattus*, 65; *Mus musculus*, 417; *Mus alexandrinus*, 35. Rats examined bacteriologically, 1,204. No plague-infected rats were found.

Week ended January 15. Premises inspected, 1,084. Houses destroyed, 5. Buildings condemned, 3. Nuisances abated, 126. Poisons placed, 7,550. Rats trapped, 1,857. Rats found dead, 26.

Rats identified, 1,883, as follows: *Mus norvegicus*, 1,295; *Mus rattus*, 126; *Mus musculus*, 386; *Mus alexandrinus*, 76. Rats examined bacteriologically, 1,483. No plague-infected rats were found.

OAKLAND, CAL.

Last case of human plague sickened October 26, 1909. Last plague-infected rodent was found December 1, 1908.

Week ended January 15. Rats found dead, 15. Rats trapped, 533. Rats identified, 548, as follows: *Mus norvegicus*, 448; *Mus rattus*, 2; *Mus musculus*, 93; *Mus alexandrinus*, 5. Rats examined bacteriologically, 455. No plague-infected rats were found.

CONTRA COSTA COUNTY, CAL.

Last case of human plague sickened July 21, 1908. Last plague-infected rodent was found September 28, 1909. Total number of ground squirrels found infected to date, 240.

Week ended January 1, 1910. Ranches inspected, 1. Ground squirrels shot, 5. Ground squirrels examined bacteriologically, 5. No plague-infected squirrels found.

Week ended January 8. Dead inspected, 2. Ranches inspected, 11. Ground squirrels shot, 182. Owls shot, 2. Ground squirrels examined bacteriologically, 182. No plague-infected squirrels found.

FRESNO COUNTY, CAL.

There is no record of human or rodent plague in Fresno County.

Week ended January 8, 1910. Ranches inspected, 6. Ground squirrels shot, 171. Ground squirrels examined bacteriologically, 168. No plague-infected squirrels found.

MERCED COUNTY, CAL.

There is no record of human or rodent plague in Merced County.

Week ended January 1, 1910. Ranches inspected, 4. Ground squirrels shot, 22. Ground squirrels examined bacteriologically, 21. No plague-infected squirrels found.

Week ended January 8. Ranches inspected, 20. Ground squirrels shot, 357. Rabbits shot, 18. Ground squirrels trapped alive, 15. Ground squirrels examined bacteriologically, 356. No plague-infected squirrels found.

MONTEREY COUNTY, CAL.

There is no record of human or rodent plague in Monterey County.

Week ended January 8, 1910. Ranches inspected, 4. Ground squirrels shot, 101. Ground squirrels examined bacteriologically, 101. No plague-infected squirrels found.

SAN JOAQUIN COUNTY, CAL.

There is no record of human or rodent plague in San Joaquin County.

Week ended January 1, 1910. Ranches inspected, 8. Ground squirrels shot, 44. Ground squirrels examined bacteriologically, 42. No plague-infected squirrels found.

Week ended January 8. Ranches inspected, 11. Ground squirrels shot, 30. Ground squirrels examined bacteriologically, 29. No plague-infected squirrels found.

SAN LUIS OBISPO COUNTY, CAL.

There is no record of human or rodent plague in San Luis Obispo County.

Week ended January 8, 1910. Ranches inspected, 30. Ground squirrels shot, 175. Rabbits shot, 1. Gophers shot, 1. Ground squirrels trapped alive, 5. Gophers trapped, 1. Field mice trapped, 2. Skunks trapped, 1. Kangaroo rats trapped, 1. Ground squirrels examined bacteriologically, 175. No plague-infected rats found.

SAN MATEO COUNTY, CAL.

There is no record of human or rodent plague in San Mateo County.

Week ended January 1, 1910. Ranches inspected, 5. Ground squirrels shot, 30. Ground squirrels examined bacteriologically, 30. No plague-infected squirrels found.

Week ended January 8. Ranches inspected, 8. Ground squirrels shot, 53. Ground squirrels examined bacteriologically, 53. No plague-infected squirrels found.

SANTA BARBARA COUNTY, CAL.

There is no record of human or rodent plague in Santa Barbara County.

Week ended January 8, 1910. Ranches inspected, 18. Ground squirrels shot, 98. Ground squirrels trapped alive, 3. Ground squirrels examined bacteriologically, 98. No plague-infected squirrels found.

SANTA CRUZ COUNTY, CAL.

There is no record of human plague in Santa Cruz County. Last plague-infected rodent was found November 6, 1909. Total number of plague-infected rodents found to date, 1.

Week ended January 8, 1910. Ranches inspected, 20. Ground squirrels shot, 69. Rabbits shot, 1. Ground squirrels examined bacteriologically, 67. No plague-infected squirrels found.

TULARE COUNTY, CAL.

No record of human or rodent plague in Tulare County.

Week ended January 8, 1910. Ranches inspected, 13. Ground squirrels shot, 214. Rabbits shot, 5. Ground squirrels trapped, 1. Ground squirrels examined bacteriologically, 214. No plague-infected squirrels found.

VENTURA COUNTY, CAL.

There is no record of human or rodent plague in Ventura County.

Week ended January 8, 1910. Ranches inspected, 6. Ground squirrels shot, 27. Ground squirrels found dead, 3. Live ground squirrels trapped, 2. Field mice trapped, 1. Ground squirrels examined bacteriologically, 30. No plague-infected squirrels found.

SEATTLE, WASH.

Passed Assistant Surgeon Glover reports:

No case of human plague since October 30, 1907. The last plague-infected rat was found September 26, 1908. Total plague-infected rats found to date, 21.

Week ended January 8, 1910. Rats received, 1,017. Rats necropsied, 869. No plague-infected rats found.

SMALLPOX IN THE UNITED STATES.

Reports Received During Week Ended January 28, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham.....	Jan. 9-15.....	2		
Montgomery.....	Jan. 9-15.....	45		
California:				
Berkeley.....	Dec. 26-Jan. 1.....	1		
San Francisco.....	Jan. 2-8.....	1		
Colorado:				
Rocky Ford.....	Jan. 9-15.....	1		
District of Columbia.....	Jan. 2-15.....	2		
Indiana:				
Adams County.....	Oct. 1-31.....	4		
Allen County.....	Oct. 1-Dec. 31.....	156	1	
Carroll County.....	Nov. 1-30.....	1		
Clark County.....	Dec. 1-31.....	19		
Clinton County.....	Dec. 1-31.....	4		
Daviess County.....	Nov. 1-Dec. 31.....	8		
Dekalb County.....	Dec. 1-31.....	2		
Delaware County.....	Oct. 1-Nov. 30.....	20		
Grant County.....	Oct. 1-Dec. 31.....	28		
Greene County.....	Oct. 1-31.....	6		
Jefferson County.....	Nov. 1-30.....	1		
Knox County.....	Oct. 1-31.....	7		
Laporte County.....	Dec. 1-31.....	1		
Marion County.....	Dec. 1-31.....	1		
Marshall County.....	Oct. 1-Dec. 31.....	40		
Noble County.....	Nov. 1-Dec. 31.....	2		
Randolph County.....	Oct. 1-31.....	1		
St. Joseph County.....	Oct. 1-Dec. 31.....	17		
Shelby County.....	Dec. 1-31.....	1		
Stauben County.....	Nov. 1-Dec. 31.....	3		
Tippecanoe County.....	Dec. 1-31.....	1		
Vanderburg County.....	Oct. 1-31.....	8		
Warren County.....	Nov. 1-30.....	1		
Wayne County.....	Nov. 1-30.....	1		
Kentucky:				
Lexington.....	Jan. 9-15.....	2		
Louisiana:				
New Orleans.....	Jan. 9-15.....	3		
Mississippi:				
Biloxi.....	Jan. 9-15.....	1		
Natchez.....	Jan. 9-15.....	15		
Missouri:				
St. Joseph.....	Jan. 2-15.....	5		
St. Louis.....	Jan. 9-15.....	2		
Oklahoma:				
Creek County.....	Oct. 1-31.....	2		
Jackson County.....	Oct. 1-31.....	2		
Kingfisher County.....	Oct. 1-31.....	2		
Le Flore County.....	Oct. 1-31.....	1		
Marshall County.....	Oct. 1-31.....	1		
Muskogee County.....	Oct. 1-31.....	1		
Okfuskee County.....	Oct. 1-31.....	1		
Osage County.....	Oct. 1-31.....	8		
Pottawatomie County.....	Oct. 1-31.....	36		
Seminole County.....	Oct. 1-31.....	3		
Pennsylvania (entire State).....				
Tennessee:				
Chattanooga.....	Jan. 9-15.....	5		
Washington:				
Spokane.....	Jan. 2-8.....	3		
Tacoma.....	Jan. 2-8.....	1		
Wahkeakum County.....	Dec. 1-31.....	8		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to January 21, 1910.

[For reports received from June 25, 1909, to December 31, 1909, see PUBLIC HEALTH REPORTS for December 31, 1909. In accordance with custom the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Montgomery.....	Dec. 19-Jan. 8....	108	.....
Total for State.....		108	.....
California:				
Oakland.....	Dec. 26-Jan. 1....	1	.....
Sacramento.....	Dec. 12-18.....	2	.....
San Francisco.....	Dec. 19-25.....	4	.....
Total for State.....		7	.....
Colorado:				
Boulder.....	Dec. 19-25.....	1	.....
Fruita District.....	Dec. 26-Jan. 1....	3	.....
Total for State.....		4	.....
District of Columbia.....	Dec. 19-Jan. 1....	1	.....
Total for District.....		1	.....
Illinois:				
Chicago.....	Dec. 19-25.....	2	.....
Total for State.....		2	.....
Iowa:				
Cedar Rapids.....	Dec. 1-31.....	7	.....
Sioux City.....	Dec. 1-31.....	2	.....
Total for State.....		9	.....
Kansas:				
Clay County.....	Nov. 1-30.....	1	.....
Cloud County.....	Nov. 1-30.....	1	.....
Cowley County.....	Nov. 1-30.....	3	.....
Decatur County.....	Nov. 1-30.....	2	.....
Graham County.....	Nov. 1-30.....	20	.....
Lane County.....	Nov. 1-30.....	1	.....
Montgomery County.....	Nov. 1-30.....	6	.....
Norton County.....	Nov. 1-30.....	30	.....
Reno County.....	Nov. 1-30.....	16	.....
Scott County.....	Nov. 1-30.....	2	.....
Shawnee County— Topeka.....	Nov. 1-30.....	1	.....
Sheridan County.....	Nov. 1-30.....	5	.....
Sumner County.....	Nov. 1-30.....	9	.....
Wabaunsee County.....	Nov. 1-30.....	3	.....
Wilson County.....	Nov. 1-30.....	2	.....
Total for State.....		102	.....
Kentucky:				
Hartford.....	Dec. 12-18.....	2	.....
Lexington.....	Dec. 12-18.....	1	.....
Paducah.....	Jan. 5-11.....	1	.....
Total for State.....		4	.....
Louisiana:				
New Orleans.....	Dec. 26-Jan. 8....	9	.....
Total for State.....		9	.....
Maryland:				
Baltimore.....	Dec. 26-Jan. 1....	1	.....
Dorchester County.....	Dec. 1-31.....	1	.....
Total for State.....		2	.....
Michigan:				
Alcona County.....	Nov. 1-30.....	12	.....
Antrim County.....	Nov. 1-30.....	11	.....
Arenac County.....	Nov. 1-30.....	66	.....
Bay County.....	Nov. 1-30.....	4	.....
Bay City.....	Dec. 5-11.....	15	.....

SMALLPOX IN THE UNITED STATES—Continued.
Reports Received from January 1 to January 21, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Emmet County.....	Nov. 1-30.....	2		
Genesee County.....	Nov. 1-30.....	60		
Gladwin County.....	Nov. 1-30.....	1		
Gratiot County.....	Nov. 1-30.....	1		
Houghton County.....	Nov. 1-30.....	11		
Ionia County.....	Nov. 1-30.....	23		
Lapeer County.....	Nov. 1-30.....	2		
Livingston County.....	Nov. 1-30.....	7		
Marquette County.....	Nov. 1-30.....	1		
Mason County.....	Nov. 1-30.....	1		
Montcalm County.....	Nov. 1-30.....	3		
Ontonagon County.....	Nov. 1-30.....	2		
Sanilac County.....	Nov. 1-30.....	2		
Wayne County— Detroit.....	Dec. 26-Jan. 1.....	1		
Total for State.....		225		
Minnesota:				
Beltrami County.....	Dec. 21-27.....	1		
Benton County.....	Dec. 14-20.....	7		
Blue Earth County.....	Dec. 21-27.....	1		
Carver County.....	Dec. 7-Jan. 3.....	4		
Goodhue County.....	Dec. 28-Jan. 3.....	1		
Hennepin County.....	Dec. 28-Jan. 3.....	5		
Itasca County.....	Dec. 14-20.....	1		
Kandiyohi County.....	Dec. 7-13.....	1		
Mower County.....	Dec. 28-Jan. 3.....	1		
Ottertall County.....	Dec. 21-27.....	2		
Polk County.....	Dec. 7-13.....	1		
Red Lake County.....	Dec. 7-13.....	1		
Renville County.....	Dec. 7-13.....	1		
Rock County.....	Dec. 7-27.....	13		
Roseau County.....	Dec. 7-Jan. 3.....	12		
St. Louis County.....	Dec. 7-27.....	3		
Sibley County.....	Dec. 7-13.....	4		
Todd County.....	Dec. 28-Jan. 3.....	1		
Wabasha County.....	Dec. 7-13.....	1		
Watonwan County.....	Dec. 28-Jan. 3.....	1		
Wright County.....	Dec. 7-Jan. 3.....	14		
Total for State.....		76		
Mississippi:				
Biloxi.....	Jan. 2-8.....	2		
Holly Springs.....	Jan. 2-8.....	2		
Natchez.....	Dec. 26-Jan. 8.....	17		
Claiborne County.....				
Port Gibson.....	Dec. 19-25.....	1		
Total for State.....		22		
Missouri:				
Kansas City.....	Jan. 2-8.....	4		
St. Louis.....	Dec. 26-Jan. 1.....	1		
Total for State.....		5		
Montana:				
Dawson County.....	Nov. 1-30.....	1		
Flathead County.....	Oct. 1-Nov. 30.....	6		
Jefferson County.....	Nov. 1-30.....	1		
Lewis and Clark County.....	Oct. 1-Nov. 30.....	3		
Missoula County.....	Oct. 1-Nov. 30.....	22		
Park County.....	Nov. 1-30.....	1		
Powell County.....	Nov. 1-30.....	1		
Ravalli County.....	Nov. 1-30.....	2		
Silver Bow County.....	Oct. 1-Nov. 30.....	15		
Butte.....	Dec. 19-31.....	14		
Total for State.....		66		
Nebraska:				
South Omaha.....	Dec. 5-11.....	3		
Total for State.....		3		
New York (entire State).....	Sept. 1-Nov. 30...	33	1	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to January 21, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina:				
Catawba County.....	Oct. 1-31.....	2		
Chowan County.....	Oct. 1-31.....	1		
Currituck County.....	Oct. 1-31.....	2		
Davidson County.....	Oct. 1-31.....	4		
Forsyth County.....	Oct. 1-31.....	4		
Franklin County.....	Oct. 1-31.....	15		
Jones County.....	Oct. 1-31.....	3		
Robeson County.....	Oct. 1-31.....	1		
Surry County.....	Oct. 1-31.....	1		
Union County.....	Oct. 1-31.....	2		
Yadkin County.....	Oct. 1-31.....	1		
Total for State.....		36		
North Dakota:				
Bottineau County.....	Oct. 1-31.....	1		
Total for State.....		1		
Ohio:				
Cleveland.....	Dec. 19-26.....	1		
Stryker.....	Dec. 19-25.....	1		
Total for State.....		2		
Oklahoma:				
Blaine County.....	Dec. 1-31.....	7		
Total for State.....		7		
Oregon:				
Portland.....	Nov. 1-30.....	2		
Total for State.....		2		
Tennessee:				
Chattanooga.....	Dec. 26-Jan. 8.....	4		
Knoxville.....	Jan. 2-8.....	2		
Memphis.....	Nov. 1-30.....	20		
Dekalb County.....	Dec. 12-Jan. 1.....	9		
Washington County.....	Dec. 26-Jan. 1.....	7		
Total for State.....		42		
Texas:				
El Paso.....	Nov. 1-Jan. 1.....	3		
Fort Worth.....	Nov. 1-Dec. 31.....	5		
San Antonio.....	Dec. 5-25.....	5		
Denton County.....	Dec. 26-Jan. 1.....	9		
Total for State.....		22		
Washington:				
Spokane.....	Dec. 19-Jan. 1.....	2		
Total for State.....		2		
Wisconsin:				
La Crosse.....	Dec. 19-Jan. 1.....	2		
Milwaukee.....	Dec. 19-Jan. 1.....	2		
Superior.....	Dec. 19-Jan. 1.....	6		
Total for State.....		10		
Grand total for the United States.....		802	1	

MORBIDITY AND MORTALITY.

WEEKLY MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES.

[For smallpox see special tables.]

Cities.	Week ended—	Estimated population, 1909.	Total deaths from all causes.	Tuberculosis.		Typhoid fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	Jan. 15	50,814	3					1		1		4			
Ann Arbor, Mich.	Jan. 8	14,711	11	3				1		1				1	
Do.	Jan. 15		5	2											
Ashtabula, Ohio.	Dec. 25	16,648	7			1									
Auburn, N. Y.	Jan. 1	34,272	11					1		1				1	
Do.	Jan. 8		9			1		1		1					
Baltimore, Md.	Jan. 1		8	1		1		5							
Baltimore, Md.	Jan. 15	576,023	229	16	14	9	2	15	1	19	2	22		38	1
Bath, Me.	do.	12,055								1					
Bayonne, N. J.	do.	49,894			1			10		5	1			3	
Beaver Falls, Pa.	do.	10,341										7			
Berkeley, Cal.	Jan. 8	119,700	8			1						2			
Biddeford, Me.	Jan. 15	17,676	3												
Biloxi, Miss.	Jan. 8	3	3												
Binghamton, N. Y.	Jan. 15	45,855	24	1	2	1	1	2				7		1	
Brockton, Mass.	do.	53,978	10	2	2	2	1	3		1		1			
Boston, Mass.	do.	622,970	237	57	19	3		58		42	1	78	2	4	1
Boulder, Colo.	Jan. 8		6												
Butler, Pa.	Dec. 25	12,760	5			1		6				1			
Do.	Jan. 1		3					2		1		1			
Do.	Jan. 8		2					2				2			
Cambridge, Mass.	Jan. 15	101,872	28	9	4			4		6		4		1	
Cambridge, Ohio	do.	11,733	6		1			1							
Camden, N. J.	do.	39,305	41	1	5	3		1		8	1	1			
Canton, Ohio.	do.	40,337	9					4		1		13			
Carbondale, Pa.	do.	15,698	7					2				14			
Charlottesville, N. C.	Jan. 8	35,101	13	2	1	1	1	3							
Chattanooga, Tenn.	do.	34,654						3		1		6			
Chelsea, Mass.	Jan. 15	39,862	6												
Chicago, Ill.	Jan. 8	2,224,491	600	78	61	32		150	6	128	23	114	3	34	1
Do.	Jan. 15		660	75	82	21	2	160	6	97	19	177	2	38	3
Chicopee, Mass.	do.	20,010	5	4				2				2			
Cincinnati, Ohio.	do.	351,212	122	40	25	3		11		6	1	50		8	
Cleveland, Ohio.	Jan. 14	506,938	156	19	4	4	3	20		29	5	133	2	5	1
Clinton, Mass.	Jan. 15	12,656	5												
Coffeyville, Kans.	Jan. 8	2	2							1					
Columbus, Ga.	Jan. 15	17,893	3												
Columbus, Ohio.	do.	155,340	47	9	7	3		4		2		26	1	1	
Concord, N. H.	Jan. 8	21,997	14			1						7			
Concord, N. H.	Jan. 8	51,715	18			2									
Covington, Ky.	Jan. 15	27,387	11	1	1			2				7			
Danville, Ill.	do.	140	11												
Detroit, Mich.	Jan. 8	384,855	140					42		21	2				
Duluth, Minn.	do.	74,520	21	2	2	3		19		6					
Dunkirk, N. Y.	Jan. 15	18,061	5	2	2										
Elmira, N. Y.	do.	35,765	13	1	1			3		13		1			
Evansville, Ind.	do.	66,948	27	1	1			3		3		16			
Erie, Pa.	Jan. 1	63,652	14	6	3	4		12		1		6		2	
Do.	Jan. 8		14	13	3	1	1	15				1			
Do.	Jan. 15		17	2	2			19				1		1	
Everett, Mass.	do.	32,931	3					3		1		1			
Everett, Wash.	Jan. 8		6												
Fall River, Mass.	Jan. 15	106,481	30	5	1	1		1		3					
Freeport, Ill.	do.	19,200	1					1		10					
Galesburg, Ill.	do.	21,615	8					3		1					
Gloucester, Mass.	do.	25,923	9		1			3							
Grand Rapids, Mich.	do.	105,909	30	4	2	4		29	2	6		5			
Hartford, Conn.	Jan. 1	103,808	41	7	6			1		7	1				
Do.	Jan. 8		38	1	1			1		4	1	2			
Haverhill, Mass.	Jan. 15		15	1	1	1		13		3	1	5		1	
Hyde Park, Mass.	do.	15,522	8					5							
Indianapolis, Ind.	Jan. 8	241,826	61	2	10		1	11		6	1	172	2		
Do.	Jan. 15		61	3	5	1		7		1	1	205			
Jacksonville, Fla.	do.	40,798	21			3				5					
Jersey City, N. J.	Jan. 9	253,711	98	1	6			22	2	8		21			
Do.	Jan. 16		78	1	6			27		11	1	5		4	
Johnstown, Pa.	Jan. 15	46,520	22	6	2	1		5		1		10	1		
Kalamazoo, Mich.	do.	35,504	17	2	2			5		1					
Kansas City, Kans.	Jan. 1	85,742	23	1	3	9		7		2					
Kansas City, Mo.	Jan. 8	191,685	3	3	5	20	3	31	4	8	4	8	4	43	1
Kearny, N. J.	Jan. 15	15,765	5	5	1										

α Estimated population 1906. No estimate 1909.

MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Estimated population, 1909.	Total deaths from all causes.	Cases and deaths.													
				Tuber- culosis.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.			
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.		
Kingston, N. Y.	Jan. 15	26,110	4														
Knoxville, Tenn.	Jan. 8	37,758	12		1						1						
Lackawanna, N. Y.	Jan. 15		5	1		1					2			19			
La Crosse, Wis.	Jan. 8	29,224	8						2		2						
La Fayette, Ind.	Jan. 15	19,801	5		1		1										
Lancaster, Pa.	do.	49,962	12	2	1						3			26			2
Lawrence, Mass.	Jan. 8	76,042	35	1				3	1					8			
Do.	Jan. 15		34	2	4	1				4	2			2			
Lebanon, Pa.	do.	20,295	5					2								1	2
Lexington, Ky.	Jan. 8	30,690	12							2				3			1
Los Angeles, Cal.	do.	^a 103,000	94	30	17	1		7		7				397			17
Lowell, Mass.	Jan. 15	95,125	45	2	2	2	1	1		7		7	1	47	1		
Lynchburg, Va.	do.	29,457															
Lynn, Mass.	Jan. 8	83,865	24		2			6		8		2					
Malden, Mass.	do.	41,535	14	2		1		4		1				14			
Manchester, N. H.	Jan. 15	68,561	30	1	1					4				14			
Manitowoc, Wis.	do.	13,490	7	1				10	1								
Mansfield, Ohio.	do.	21,390						1		1				1			
Marinette, Wis.	do.	14,682	4					4		3							
Medford, Mass.	do.	20,839	11		1			2		2				1			
Melrose, Mass.	Jan. 8	15,361	6		1									1			
Moline, Ill.	Jan. 15	23,081	3														
Montclair, N. J.	do.	18,296	5					3		1			4	1			
Montgomery, Ala.	Jan. 8	43,927	16	2	1			1		1							2
Mount Vernon, N. Y.	Jan. 15	27,891	13		3	1		1		1							
Muncie, Ind.	do.	30,266	5			1		1					10				
Muskegon, Mich.	do.	20,995											6				
Nanticoke, Pa.	Jan. 16	13,980	5							1							
Nashville, Tenn.	Jan. 15	106,476		1	3	1		5	1								
Natchez, Miss.	Jan. 8	14,108	8	2						1							
Nebraska City, Nebr.	Jan. 15		2			5											
Newark, N. J.	do.	308,669	129	19	16	1		41	1	38	2			3			
New Bedford, Mass.	do.	83,898	18	2		5		5					15			1	
New Orleans, La.	Jan. 8	327,662	176	21	13	14	1	21		24			21	1			
Newport, Ky.	Jan. 15	31,345	9		1		1	1		2							1
New York, N. Y.	do.	4,450,963	1,603	608	164	31	9	499	33	339	47	820	13	28			2
Niagara Falls, N. Y.	do.	32,012	8	1	1	12											
Norristown, Pa.	do.	24,491	13														
North Adams, Mass.	do.	20,510	9		1		1										
Northampton, Mass.	do.	21,008	6	1	1	1											
Oakland, Cal.	Jan. 1	^b 73,812	50	7	7			8			1	1					
Palmer, Mass.	Jan. 15		4														
Peekskill, N. Y.	do.	15,473	5	1	2			2		1			4				
Plainfield, N. J.	do.	20,947	3	1				1		1			4				
Plymouth, Pa.	do.	17,524		3				1		1			11				
Pontiac, Mich.	Jan. 8	12,819	5	12		4		1					1				
Pottstown, Pa.	Jan. 15	14,065	7			3		1					2				
Portsmouth, N. H.	do.	11,336			1					4							
Providence, R. I.	do.	217,065	89	12	8	4	2	14		8	1	86	3	1			
Racine, Wis.	Jan. 8	34,840	17														
Do.	Jan. 15		13		2			1		2							
Reading, Pa.	Jan. 17	97,231	35	3	1	1		2		3	2	38					
Rock Island, Ill.	Jan. 15	24,766	12	2	2	1	1			1							
San Antonio, Tex.	Dec. 25	67,404	1			4	1			3							
Do.	Jan. 8		3			2	3										
Sandusky, Ohio.	Jan. 15	20,737	5					1			1						
San Jose, Cal.	Jan. 8	24,596	7														
Saratoga Springs, N. Y.	do.	13,471	4	1	1												
Do.	Jan. 15		7		1			1									
Schenectady, N. Y.	Jan. 8	73,037	20	3	2			2		1		200		2			
Somerville, Mass.	Jan. 15	75,375	33	2	3			9		11	1	5					
South Bend, Ind.	Jan. 8	49,321	12	1	1	2		6		2	1	2					
Do.	Jan. 15		16	2	2			6	1								
South Bethlehem, Pa.	do.	15,886	5		1							1					
Spokane, Wash.	Jan. 1	^b 47,006	23		1			9		1		12					
Springfield, Ohio.	Jan. 15	43,975	8	2				1		2							
Steelton, Pa.	do.	14,769	2					1		5		4					
Superior, Wis.	Jan. 8	40,919	6				1			3		3					

^a Population 1900. No estimate 1909.^b Estimated population 1906. No estimate 1903.

MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Estimated population, 1909.	Total deaths from all causes.	Cases and deaths.											
				Tuberculosis.		Typhoid fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Taunton, Mass.	Jan. 15	30,926	13	.....	.....	.....	.....	1	.....	1	1	8	.....	.....	.....
Titusville, Pa.	do.	8,397	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trenton, N. J.	do.	92,878	5	8	3	6	.....	18	1	5	1	.....	.....	.....	.....
Vincennes, Ind.	Jan. 8	11,979	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waltham, Mass.	Jan. 15	28,522	7	1	1	1	.....	1	.....	6	.....	.....	.....	.....	.....
Warren, Pa.	Jan. 3	11,838	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Jan. 10	.....	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Newton, Mass.	Jan. 15	39,419	13	1	.....	.....	.....	3	.....	3	.....	3	.....	.....	.....
Weymouth, Mass.	do.	11,793	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wheeling, W. Va.	Jan. 8	42,799	13	2	2	3	1	3	.....	3	.....	.....	.....	.....	.....
Do.	Jan. 15	.....	23	1	3	.....	1	.....	.....	1	.....	.....	.....	.....	.....
Wilkes-Barre, Pa.	do.	64,323	26	6	2	.....	.....	3	.....	3	.....	3	.....	.....	.....
Wilksburg, Pa.	do.	19,999	6	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Williamsport, Pa.	Jan. 8	30,220	12	1	.....	1	.....	10	.....	1	.....	5	.....	.....	.....
Wilmington, Del.	Jan. 15	89,890	25	.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Winona, Minn.	Jan. 1	20,830	1	.....	.....	.....	.....	.....	.....	4	1	.....	.....	.....	.....
Do.	Jan. 15	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woburn, Mass.	do.	14,520	2	.....	.....	4	.....	1	.....	.....	.....	.....	.....	.....	.....
Worcester, Mass.	Dec. 25	135,906	38	6	5	.....	.....	2	.....	8	2	1	.....	2	1
Do.	Jan. 1	.....	47	9	5	.....	.....	5	.....	9	2	2	.....	.....	.....
York, Pa.	Jan. 8	41,895	.....	.....	.....	.....	.....	.....	.....	6	.....	55	.....	.....	.....
Zanesville, Pa.	Jan. 15	25,614	12	.....	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated).

FLORIDA—*Tampa*.—Month of December, 1909. Population, 15,839. Total number of deaths, 72, including diphtheria 2, measles 2, tuberculosis 3. Cases reported: Diphtheria 8, measles 10, typhoid fever 4.

ILLINOIS—*Peoria*.—Month of December, 1909. Estimated population, 85,000. Total number of deaths, 93, including diphtheria 1, tuberculosis 7, typhoid fever 2. Cases reported: Diphtheria 11, scarlet fever 11, tuberculosis 23, typhoid fever 1.

IOWA—*Keokuk*.—Month of December, 1909. Estimated population, 16,000. Total number of deaths, 20, including tuberculosis 1.

KANSAS.—Reports to the state board of health for the month of November, 1909, show as follows: Deaths, diphtheria 30, measles 2, scarlet fever 5, tuberculosis 61, typhoid fever 42. Cases reported: Diphtheria 315, measles 48, scarlet fever 237, smallpox 109, tuberculosis 282, typhoid fever 188.

KENTUCKY—*Henderson*.—Month of December, 1909. Estimated population, 17,500. Total number of deaths, 13, including tuberculosis 2. Cases reported: Diphtheria 2, scarlet fever 5, tuberculosis 2, typhoid fever 1.

LOUISVILLE.—Month of December, 1909. Estimated population, 269,749. Total number of deaths, 354, including diphtheria 1, tuberculosis 55, typhoid fever 6, whooping cough 2.

MASSACHUSETTS.—Week ended October 2, 1909. Estimated population of towns reporting, 2,379,468. Total number of deaths 655; including diphtheria 6, measles 1, smallpox 1, tuberculosis (pulmonary) 56, typhoid fever 11. Week ended October 9, 1909. Estimated population, 2,365,555. Total number of deaths 693, including diphtheria 4, smallpox 1, tuberculosis (pulmonary) 49, typhoid fever 16. Week ended October 16, 1909. Estimated population, 2,379,468. Total number of deaths 687, including diphtheria 8, measles 2, tuberculosis (pulmonary) 59, typhoid fever 17. Week ended October 23, 1909. Estimated population, 2,379,468. Total number of deaths 670, including diphtheria 19, measles 2, smallpox 1, tuberculosis (pulmonary) 62, typhoid fever 15. Week ended October 30, 1909. Estimated population, 2,379,468. Total number of deaths 673, including diphtheria 16, tuberculosis (pulmonary) 57, typhoid fever 16.

Lawrence.—Month of December, 1909. Estimated population, 80,000. Total number of deaths 98, including diphtheria 1, scarlet fever 1, tuberculosis 14, typhoid fever 2, whooping cough 2. Cases reported: Diphtheria 1, measles 1, scarlet fever 1, tuberculosis 14, whooping cough 2.

MISSOURI—*Springfield.*—Month of December, 1909. Estimated population, 35,000. Total number of deaths 49, including tuberculosis (pulmonary) 7, typhoid fever 1.

NEW JERSEY.—Month ended December 10, 1909. Total number of deaths 2,810, including diphtheria 59, measles 12, scarlet fever 24, tuberculosis 307, typhoid fever 26.

NEW YORK—*Auburn.*—Month of December, 1909. Estimated population, 38,500. Total number of deaths, 50, including diphtheria 2, tuberculosis 3. Cases reported: Diphtheria 6, scarlet fever 12, tuberculosis (pulmonary) 3, typhoid fever 3, whooping cough 2.

NORTH CAROLINA.—Reports to the state board of health for the month of October, 1909, show diphtheria present in 72 counties, measles in 12 counties, scarlet fever in 42 counties, smallpox in 12 counties, typhoid fever in 60 counties, whooping cough in 26 counties. There were 3 cases of pellagra in Rowan County.

OKLAHOMA.—Reports to the state board of health for the month of October, 1909, show a total of 670 deaths, including diphtheria 17, scarlet fever 3, tuberculosis 41, typhoid fever 75. Cases reported: Diphtheria 179, scarlet fever 162, smallpox 55, tuberculosis 82, typhoid fever 490.

PENNSYLVANIA.—Reports to the state board of health for the month of December, 1909, show: Diphtheria 1,552 cases, measles 4,387, scarlet fever 1,601, smallpox 2, tuberculosis 908, typhoid fever 682, whooping cough 516.

FOREIGN AND INSULAR.

BRAZIL.

RIO DE JANEIRO—Inspection of Vessels—Plague and Smallpox.

Acting Assistant Surgeon Stewart reports, January 1:

Three weeks ended January 1, 1910. Vessels inspected: December 14, 1909, Spanish bark *Beatrice* for Pensacola, in stone ballast, with no passengers and no change in crew personnel; December 16, the German ship *Sachsen* for Pensacola, in stone ballast, with no change in personnel and no passengers; December 18, British steamship *Verdi* for New York, with 22 cabin and 3 steerage passengers and no change in crew, and in coffee cargo, also miscellaneous cargo from the River Plate; and Brazilian steamship *São Paulo* for New York, with 40 cabin and 23 steerage passengers and no change in crew and with coffee cargo; December 20, British steamship *Hillsmere* in water ballast for some southern port with no passengers and no change in crew, and steamship *Rathlinhead* for New Orleans, in water ballast and no passengers and no change in crew; December 22, British steamship *Mallinhead* for New Orleans, in water ballast, with no passengers and no change in crew, and British steamship *Tocantins* for New Orleans, with coffee, no passengers and no change in crew; December 23, American schooner *Margaret Thomas* for Tampa, in stone ballast, with no passengers and no change in crew; December 24, Belgian steamship *Cavour* for New York, with coffee, 1 cabin passenger and no change in crew; December 29, British steamship *Hillglade*, for some southern port, in water ballast, no passengers and no change in crew; and January 1, 1910, British steamship *Labuan* for New Orleans, in coffee cargo, no passengers and no change in crew.

Mortality—Plague and smallpox.—Week ended December 19, 1909. Total deaths, 214. No deaths from plague, smallpox, or yellow fever. Cases reported, plague 4, smallpox 2. In São Sebastião hospital at end of week, 5 cases of smallpox and 5 of plague under treatment.

Week ended December 26. Total deaths, 236. Two new cases of plague reported. In São Sebastião hospital at end of week, 5 cases of smallpox and 6 of plague under treatment.

Plague on shipping at Santos.—The consul at Santos states in a report received this date that a case of plague occurred on the bark *Amazona* in the harbor at Santos. The vessel was loading coffee for New Orleans. The *Amazona* arrived at Santos about November 15 and the case occurred December 16 in the person of the second officer. He was removed to hospital, where he died. The health authorities report 1 fatal plague case at Santos in November and 4 cases with 2 deaths from December 1 to 29.

CHINA.

AMOY—Smallpox.

Passed Assistant Surgeon Foster reports, December 18:
 Week ended December 11, 1909. No bills of health issued. Smallpox is reported prevalent in this Province at Amoy, Chang Chew, and Chio Be.

HANKOW—Plague.

Vice-Consul-General Baugh reports, December 7:
 Plague has broken out in Hankow native city, 20 fatal cases having occurred since November 27.

HONGKONG—Inspection of Vessels.

Acting Assistant Surgeon Hough reports, December 14:
 Week ended December 11, 1909. Quarantine restrictions enforced by and against Hongkong remain as reported December 4.

Aliens for Honolulu and Pacific coast ports.—Examined, 8; rejected 2.

Aliens for Philippine Islands.—Examined 7; rejected 2.

INSPECTION AND DISINFECTION OF VESSELS.

Week ended December 4.

Vessels granted bills of health.....	7
Total members of crews.....	477
Total cabin passengers.....	148
Total steerage passengers.....	161
Members of crew bathed.....	378
Steerage passengers bathed.....	154
Pieces of baggage disinfected.....	532
Vessels disinfected to kill rats.....	1
Crews' quarters disinfected:	
By formaldehyde.....	3
By sulphur.....	2

CUBA.

CIENFUEGOS—Inspection of Vessels.

Acting Assistant Surgeon Suarez reports, January 10:

Week ended January 8.

Vessels inspected.....	3
Bills of health issued.....	3
Members of crews inspected.....	106
Passengers landed (not inspected).....	6
Passengers landed (in transit).....	3

No quarantinable disease reported.

MATANZAS—Inspection of Vessels.

Acting Assistant Surgeon Nuñez reports, January 17:
 Week ended January 15. Bills of health issued to 7 vessels bound for a port in the United States.

The department of sanitation reports 3,902 houses inspected and 25 water deposits petrolized or destroyed during the period from January 1 to 10.

SANTIAGO—Inspection of Vessels.

Acting Assistant Surgeon Wilson reports, January 12:
 Week ended January 8. Bills of health issued to 4 vessels bound for the United States. No quarantinable disease reported.
 The department of sanitation reports 2,924 houses inspected.

HAWAII.

HONOLULU—Plague-prevention Work.

Chief Quarantine Officer Hobdy reports, January 3:
 The last case of human plague occurred at Honolulu July 17, 1907. The last plague-infected rat was found at Aiea, 9 miles from Honolulu, August 22, 1907.

Week ended January 1.

Total rats taken.....	351
Trapped.....	351
Found dead.....	0
Examined bacteriologically.....	253
Plague rats.....	0
Classification of rats trapped:	
Mus alexandrinus.....	44
Mus musculus.....	147
Mus norvegicus.....	55
Mus rattus.....	105
Average number of traps set daily.....	1,294

HILO.

The last case of human plague occurred at Papeekeeo, Hilo, October 4, 1909. The last plague-infected rat was found at Hilo December 6, 1909.

INDIA.

CALCUTTA—Cholera, Plague, and Smallpox.

Acting Assistant Surgeon Allan reports, December 23:
 Week ended December 11. In Calcutta there were 21 deaths from cholera, 3 from plague, and 2 from smallpox; in all Bengal, 514 cases of plague, with 343 deaths; in all India, 6,897 cases, with 5,736 deaths.
 Week ended December 18. Bill of health issued to the steamship *Fangturm*, for Boston and New York, with a total crew of 67. The usual precautions were taken, holds fumigated, rat guards placed on wharf lines, and effects of Asiatics disinfected.

ITALY.

NAPLES—Inspection of Vessels—Smallpox.

Surgeon Geddings reports, December 27 and January 3:

Vessels inspected at Naples, two weeks ended January 1, 1910.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Dec. 21	Caronia.....	New York.....			
22	Perugia.....	do.....	222	30	320
23	Lazio.....	do.....	194	45	280
29	Romanic.....	Boston.....	460	110	670
30	America.....	New York.....	421	75	690
	Total.....		1,075	230	1,640

Vessels inspected at Palermo, two weeks ended January 1, 1910.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Dec. 23	Perugia.....	New York.....	205	350	50
29	Lazio.....	do.....	177	275	75

Rejections recommended.

NAPLES, TWO WEEKS ENDED JANUARY 1, 1910.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Other causes.	Total.
Dec. 21	Caronia.....					
22	Perugia.....	3	1	1		5
28	Lazio.....	6		4	2	12
29	Romanic.....	9		5	10	24
30	America.....	14	1	8	5	28
	Total.....	29	1	17	17	64

PALERMO, TWO WEEKS ENDED JANUARY 1, 1910.

Dec. 23	Perugia.....	22		22	2	46
29	Lazio.....	15		18	1	34

Smallpox in Naples.—Week ended December 25, 1909, 11 cases with 2 deaths were reported at the city health office; week ended January 3, 1910, 15 cases with 5 deaths.

JAPAN.

YOKOHAMA—Examination of Emigrants.

Passed Assistant Surgeon Cumming reports, December 28:

Week ended December 25. Vessels inspected: Steamship *Oanfa* for Manila; steamship *Nippon Maru* for San Francisco via Honolulu; steamship *Amiral Otry* for San Francisco; steamship *Shinano Maru* for Seattle; steamship *El Lobo* for San Francisco.

Emigrants examined, 79; passed 59, rejected 20; bathed 66; effects disinfected, 135 pieces; 7 emigrants for Victoria bathed and their effects, 25 pieces, disinfected.

KOBE—Inspection of Vessels—Plague and Smallpox.

Acting Assistant Surgeon Knight reports, December 22 and 29:

Week ended December 18. Supplemental bills of health issued to 7 vessels; 691 members of crews and 779 steerage passengers inspected; 62 members of crews and 40 steerage passengers bathed and their effects disinfected by steam; 276 pieces of baggage and 80 pieces of bedding steamed; manifests viséed for 42,098 pieces of freight, amounting to 4,177 tons.

Emigrants examined.—Per steamship *Kumano Maru* for Manila, passed, 1; recommended for rejection, 1. Per steamship *Shinano Maru* for Seattle, passed, 12; recommended for rejection, 31. Per

steamship *Nippon Maru* for Honolulu, passed 19, recommended for rejection, 44; for San Francisco, passed, 1; recommended for rejection, 3.

Four intending passengers to Victoria per steamship *Shinano Maru* were inspected and bathed and their effects were disinfected. The emigrants were 7 days in quarantine detention at Ono before embarkation.

Official returns for the week show 5 cases of plague with 5 deaths and 1 case of smallpox at Kobe.

Week ended December 25, 1909. Supplemental bills of health granted to 4 steamships; 489 members of crews and 619 steerage passengers inspected; 42 members of crews and 28 steerage passengers bathed and their effects disinfected by steam; 177 pieces of baggage and 56 of bedding steamed; manifests viséed for 27,632 pieces of freight, amounting to 2,725 tons.

Emigrants examined.—Per steamship *Siberia* for Honolulu, passed 25, recommended for rejection 34; for San Francisco, passed 3, recommended for rejection 3. The emigrants were in quarantine detention at Ono 7 days before embarkation.

Official returns for the week show 4 cases of plague with 1 death at Kobe.

MEXICO.

Report from the Superior Board of Health of Mexico.

In compliance with articles 1 and 2 of the International Sanitary Convention held at Washington, October 14, 1905, the acting president of the Superior Board of Health of Mexico reports, January 17, that no case of yellow fever and no death from the said disease were registered in the Mexican Republic during the week ended January 15, and that the prophylactic measures reported under date of September 28, 1908, continue to be carried out.

COATZACOALCOS—Inspection of Vessels.

Acting Assistant Surgeon Thompson reports, January 13:

Week ended January 12. Vessels inspected: January 7, steamship *Musician* for a port in the United States via Veracruz and Tampico. January 9, steamship *Californian* for New York, and *Louisianian* for Mobile via Veracruz and Tampico. January 11, steamship *Sakoto* for Newport News via Progreso. January 12, steamships *Texas* for New Orleans, *Conway* for Newport News, and *Oregonian* for Delaware Breakwater.

No quarantinable disease reported.

PERU.

CALLAO—Fumigation of Vessels—Plague and Smallpox.

Acting Assistant Surgeon Castro-Gutierrez reports, December 30, 1909, and January 3, 1910:

Week ended December 25. Four vessels having an aggregate personnel of 220 members of crews and 84 cabin and 34 steerage passengers were fumigated.

The following report on the status of plague in Peru was received from the director of public health:

Locality.	Cases Nov. 19.	New.	Recov- ered.	Died.	Remain- ing Dec. 9.
Department:					
Lima.....	4	6	1	4	5
Libertad.....	2	25	5	3	19
Lambayeque.....	17	2	11	1	7

Bills of health from Mollendo report 1 case of plague occurring between December 16 and 30. Smallpox is present at Mollendo.

Week ended January 1. One steamship having 97 members of crew and 87 cabin and 25 steerage passengers was fumigated.

There has been no case of plague reported at Callao since September 1, 1909. Bills of health from Chilean ports show smallpox present at Antofagasta and Valparaiso.

RUSSIA.

ST. PETERSBURG—Status of Cholera.

The following information dated December 28 was received from Chargé d'Affaires Schuyler, through the Department of State, January 19:

A communication from the minister for foreign affairs states that during the period from December 12 to 18 there were 92 cases of cholera in Russia with 55 deaths, occurring as follows:

Cities and governments.	Cases.	Deaths.
St. Petersburg.....	6	1
Moscow.....	68	37
Baku.....	2	2
Governments:		
St. Petersburg.....		2
Baku.....	7	10
Ekaterinaslav.....	2	2
Taurida.....	1	
Territory of the Don.....	6	1
	92	55

The city of Vladivostok is officially declared free from cholera.

LIBAU—Examination of Emigrants—Plague, Smallpox, and Typhus Fever.

Acting Assistant Surgeon De Forest reports, January 4:

Week ended December 31, 1909. The steamship *Estonia* sailed from Libau for New York, December 28, with 553 passengers and a crew of 93. All had been in Libau for the full 5 days under observation. Pieces of baggage disinfected, 126. The next steamship leaving Libau will be the *Lituania*, sailing January 22.

Plague.—In the Uralsk district there have been 27 cases with 23 deaths.

Smallpox.—In St. Petersburg from December 11 to 18, 53 deaths.

Typhus fever.—In Libau 1 case present.

VLADIVOSTOK—Cholera.

Vice-Consul Newhard reports, December 18:

The epidemic of cholera began September 17, 1909, and ended December 9, 1909. The total number of cases reported during that period was 142 with 89 deaths.

VENEZUELA.

LA GUAIRA—Inspection of Vessels.

Acting Assistant Surgeon Kellogg reports, January 2 and 9:

Week ended January 1. Vessels inspected: December 27, steamship *Zulia* for New York with 51 in crew and no passengers; December 29, steamship *Philadelphia* for San Juan with 64 in crew and 2 passengers.

No quarantinable diseases reported at La Guaira, Maiquetia, or Puerto Cabello.

It is rumored that yellow fever is present at Caracas, but no cases have been officially reported. The Government has issued a circular letter giving detailed information relative to the methods of combating the disease, and has ordered all houses to be fumigated when vacated and again before being occupied.

Week ended January 8. Vessels inspected: January 3, *Cittá di Milano* for Ponce, with 84 in crew and 29 passengers in transit and 11 taken on at this port; January 7, steamship *Warrior* for Galveston, with 35 in crew and no passengers; January 8, steamship *Prins Willem V* for New York, with 58 in crew and 30 passengers in transit and 6 taken on at this port.

It is rumored that 2 cases of plague have occurred at the military barracks in Caracas, but none have been officially reported. The barracks have been vacated and fumigated.

The health of La Guaira and vicinity continues good.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended January 28, 1910.

[These tables include cases and deaths recorded in reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls through the Department of State and from other sources.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Dec. 22-28.....		2	
Russia, general.....	Dec. 12-18.....	92	55	
Baku, government.....	Dec. 12-18.....	7	10	
Baku.....	Dec. 12-18.....	2	2	
Don, territory.....	Dec. 12-18.....	6	1	
Ekaterinislav.....	Dec. 12-18.....	2	2	
Moscow, government—				
Moscow.....	Dec. 19-25.....	131	59	
St. Petersburg, government.	Dec. 12-18.....		2	
St. Petersburg.....	Dec. 12-18.....	6	1	
Taurida, government.....	Dec. 12-18.....	1		
Siberia:				
Vladivostok.....	Nov. 16-21.....	1		

YELLOW FEVER.

Ecuador:				
Guayaquil.....	Dec. 16-31.....	29	10	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received During Week Ended January 28, 1910.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia.....	Nov. 27-Dec. 17....	28	16	
Pernambuco.....	Nov. 16-30.....		5	
Rio de Janeiro.....	Dec. 6-26.....	6		
Santos.....	Nov. 1-Dec. 29....	5	3	One case from bark Amazone, Dec. 1.
China:				
Hankow.....	Nov. 27-Dec. 7....	20	20	
Ecuador:				
Guayaquil.....	Dec. 16-31.....	70	24	
Egypt:				
Provinces—				
Behera.....	Dec. 7-14.....	1		
Beni Souef.....	Dec. 16-22.....	9	2	
Girgeh.....	Dec. 19-26.....	2	1	
Ghizeh.....	Dec. 19-25.....	1		
Minieh.....	Dec. 21-27.....	3	1	
German East Africa:				
Mpwapwa.....	Sept. 19-Oct. 5....	7		
Japan:				
Kobe.....	Dec. 5-25.....	19	11	
Peru:				
Arequipa, department—				
Mollendo.....	Dec. 20-Jan. 1....	1		
Lambayeque, department.....	Nov. 19-Dec. 9....	2	1	
Libertad, department.....	Nov. 19-Dec. 9....	25	3	
Lima, department.....	Nov. 19-Dec. 9....	6	4	
Russia:				
Uralsk, district.....	Dec. 25-31.....	27	23	

SMALLPOX.

Algeria:				
Bona.....	Dec. 1-31.....	11	7	
Brazil:				
Bahia.....	Nov. 26-Dec. 3....	63	41	
Pernambuco.....	Nov. 16-30.....		35	
Rio de Janeiro.....	Dec. 20-26.....	2		
Chile:				
Antofagasta.....	Jan. 1.....			Present.
Valparaiso.....	Jan. 1.....			Do.
China:				
Amoy.....	Dec. 11.....			Do.
Chang Chew.....	Dec. 11.....			Do.
Chio Be.....	Dec. 11.....			Do.
Germany, general.....	Dec. 26-Jan. 1....	7		
Great Britain:				
Liverpool.....	Dec. 26-Jan. 8....	4		
London.....	Dec. 26-Jan. 1....	1		
India:				
Bombay.....	Dec. 22-28.....	12		
Italy, general.....	Dec. 27-Jan. 2....	25		
Genoa.....	Dec. 16-31.....	8	1	
Naples.....	Dec. 20-Jan. 3....	26	7	
Japan:				
Kobe.....	Dec. 12-18.....	1		
Liberia:				
Monrovia.....	Nov. 28-Dec. 4....	6		
Malta:				
Valetta.....	Dec. 26-Jan. 1....	1	1	
Mexico:				
Mexico.....	Nov. 5-18.....		5	
Persia:				
Teheran.....	Nov. 1-Dec. 2....			Do.
Portugal:				
Lisbon.....	Dec. 26-Jan. 1....	17		
Russia:				
Moscow.....	Dec. 12-25.....	18	4	
Odessa.....	Dec. 12-25.....	26	7	
Riga.....	Dec. 26-Jan. 8....	9		
St. Petersburg.....	Dec. 19-25.....	45	18	
Spain:				
Barcelona.....	Jan. 4-10.....		2	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from January 1 to January 21, 1910.

[For reports received from June 25, 1909, to December 31, 1909, see PUBLIC HEALTH REPORTS for December 31, 1909. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Germany:				
Heydekrug.....	Nov. 19-Dec. 4.....	2		
Niederung.....	Nov. 16-22.....	1		
India:				
Bombay.....	Nov. 24-Dec. 21.....		11	
Calcutta.....	Nov. 14-Dec. 11.....		89	
Rangoon.....	Nov. 14-Dec. 11.....		13	
Java:				
Batavia.....	Nov. 14-Dec. 4.....	303	76	
Persia:				
Astara.....	Dec. 1-9.....	35	22	
Philippine Islands:				
Manila.....	Nov. 7-20.....	19	20	
Provinces—				
Albay.....	Nov. 7-20.....	6	6	
Bataan.....	Nov. 7-20.....	115	73	
Bohol.....	Nov. 7-20.....	25	14	
Bulacan.....	Nov. 7-20.....	24	19	
Camarines.....	Nov. 7-20.....	5	5	
Cavite.....	Nov. 7-20.....	61	48	
Cebu.....	Nov. 7-20.....	207	156	Nov. 20, 1 case on s. s. Yapticio.
Oriental Negros.....	Nov. 7-20.....	10	5	
Pampanga.....	Nov. 7-20.....	8	5	
Rizal.....	Nov. 7-13.....	4	3	
Tarlac.....	Nov. 7-13.....	9	5	
Russia, general.	Nov. 21-Dec. 11.....	231	105	
Baku, government.....	Nov. 21-Dec. 11.....	10	8	
Baku.....	Nov. 21-Dec. 11.....	23	15	
Don, territory.....	Nov. 28-Dec. 11.....	4	2	
Ekaterin Slav, government.....	Nov. 21-Dec. 11.....	13	5	
Jaroslavl, government.....	Nov. 21-27.....	1	1	
Kostroma, government.....	Nov. 21-27.....	3	4	
Kovna, government.....	Nov. 21-27.....	8	3	
Kursk, government.....	Nov. 21-Dec. 11.....	6		
Moscow, government—				
Moscow.....	Nov. 29-Dec. 11.....	85	41	
Pskov, government.....	Nov. 21-27.....	10		
St. Petersburg, government.....	Nov. 21-Dec. 11.....	14	10	
St. Petersburg.....	Nov. 21-Dec. 11.....	36	10	
Taurida, government.....	Nov. 21-Dec. 11.....	59	22	
Vitebsk, government.....	Nov. 21-27.....	2		
Siam:				
Bangkok.....	Oct. 28-Nov. 27.....	3	3	
Turkey in Asia:				
Trebizond.....	Nov. 28.....	1		On a vessel from Batum.

YELLOW FEVER.

Brazil:				
Mauaos.....	Nov. 21-Dec. 11.....		3	
Para.....	Nov. 28-Dec. 25.....	20	17	
Ecuador:				
Guayaquil.....	Dec. 1-15.....	12	5	
Peru:				
Callao.....	Nov. 2-Dec. 2.....	1	1	From s. s. Loa.
Mexico:				
Yucatan—				
Merida.....	Dec. 20-21.....	1	1	
Santa Cruz de Bravo.....	Dec. 20.....	1	1	
Trinidad:				
Port of Spain.....	Nov. 28-Dec. 4.....	1	1	

PLAGUE.

Brazil:			
Bahia.....	Nov. 20-26.....	2	1
Para.....	Nov. 28-Dec. 25.....	11	8
Pernambuco.....	Oct. 15-Nov. 15.....	6	6
Rio de Janeiro.....	Nov. 2-Dec. 5.....	9	2

* From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Dec. 15, 1909.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from January 1 to January 31, 1910.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Hongkong.....	Nov. 21-27.....	1	1	
Egypt:				
Alexandria.....	Nov. 19-Dec. 15...	3	2	
Port Said.....	Nov. 30-Dec. 22...	2	1	
Provinces—				
Assiout.....	Sept. 29-Dec. 30...	21	6	
Beherach.....	Dec. 8-14.....	1	1	
Menouf.....	Nov. 28-Dec. 15...	17	6	
India:				
Bombay Presidency and Sind.	Nov. 7-Dec. 4.....	4,432	3,011	
Madras Presidency.....	Nov. 7-Dec. 4.....	420	297	
Bengal.....	Nov. 7-Dec. 4.....	926	706	
United provinces.....	Nov. 7-Dec. 4.....	5,532	4,942	
Punjab.....	Nov. 7-Dec. 4.....	3,374	2,663	
Burma.....	Nov. 7-Dec. 4.....	114	101	
Central provinces, includ- ing Berar.	Nov. 7-Dec. 4.....	2,586	2,172	
Coorg.....	Nov. 14-27.....	5	1	
Mysore State.....	Nov. 7-Dec. 4.....	763	532	
Hyderabad State.....	Nov. 7-Dec. 4.....	47	42	
Central India.....	Nov. 7-Dec. 4.....	516	382	
Rajputana and Ajmer-Mer- wara.	Nov. 7-Dec. 4.....	1,687	1,473	
Kashmir.....	Nov. 7-Dec. 4.....	55	37	
Grand total.....		20,457	16,359	
Indo-China:				
Saigon.....	Nov. 7-13.....	1	1	
Japan:				
Kobe.....	Nov. 28-Dec. 18...	17	15	
Paraguay.....	Dec. 10.....		30	In the northern part.
Peru:				
Provinces—				
Lambayeque.....	Oct. 1-18.....	27	9	
Lima.....	Oct. 22-Nov. 18...	3	1	
Russia:				
Astrakhan, district.....	Dec. 5-24.....	42	38	50 miles south of Beiskulak.
Beiskulak.....	Dec. 10-16.....	18	16	
Libau.....	Dec. 3-9.....	1	1	
Uralsk, district.....	Dec. 5-24.....	160	144	
Siam:				
Bangkok.....	Oct. 28-Nov. 27...	5	5	
Turkey in Asia:				
Beirut.....	Nov. 29-Dec. 14...	3	3	

SMALLPOX.

Algeria, general.....	Dec. 1-15.....	22	1	
Algiers.....	Nov. 1-30.....		1	
Argentina:				
Buenos Aires.....	Oct. 1-31.....		2	
Brazil:				
Bahia.....	Nov. 20-26.....	18	12	
Pernambuco.....	Oct. 16-Nov. 15...		74	
Rio de Janeiro.....	Nov. 2-Dec. 5.....	11	2	
São Paulo.....	Nov. 1-21.....		2	
Canada:				
Nova Scotia—				
Halifax.....	Dec. 19-25.....	2		
Chile:				
Quillota.....	Nov. 28-Dec. 4.....			Present.
Valparaiso.....	Nov. 20.....			Do.
China:				
Amoy.....	Nov. 28-Dec. 4.....		1	
Shanghai.....	Nov. 1-28.....		2	Among Chinese.
Cuba:				
Habana.....	Dec. 3-9.....	1		From s. s. La Navarre.
Egypt, general.....	Nov. 5-Dec. 9.....	212	70	
Alexandria.....	Nov. 5-Dec. 9.....	16	16	
Cairo.....	Nov. 26-Dec. 23...	6	1	

* From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Dec. 22, 1909.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from January 1 to January 21, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
France:				
Paris.....	Dec. 5-25.....	18		
Germany, general.....	Dec. 5-25.....	9		
Konigsberg.....	Dec 12-18.....	1	1	In vicinity.
Great Britain:				
Liverpool.....	Dec. 19-25.....	1		
London.....	Nov. 28-Dec. 25.....	5		
Plymouth.....	Nov. 12-18.....		1	
Southampton.....	Nov. 12-18.....	1		
Greece:				
Athens.....	Nov. 22-Dec. 11.....		8	
India:				
Bombay.....	Nov. 24-Dec. 21.....		23	
Calcutta.....	Nov. 14-Dec. 11.....		3	
Rangoon.....	Nov. 20-Dec. 11.....		9	
Indo-China:				
Saigon.....	Dec. 7-13.....	1		
Italy, general.....	Nov. 29-Dec. 26.....	104		
Genoa.....	Dec. 1-15.....	1		
Naples.....	Dec. 6-19.....	31	4	
Malta:				
Valetta.....	Dec. 12-18.....	1		
Mexico:				
Aguascalientes.....	Dec. 12-Jan. 8.....		5	
Chihuahua.....	Dec. 13-Jan. 9.....	2	3	
Mexico.....	Nov. 14-27.....		6	
Monterey.....	Nov. 13-19.....		1	
Netherlands:				
Rotterdam.....	Dec. 5-11.....	7		
Persia:				
Hamadan.....	Nov. 15.....			Present.
Sultanabad.....	Nov. 15.....			Do.
Peru:				
Callao.....	Dec. 6-12.....			Do.
Philippine Islands:				
Manila.....	Nov. 14-20.....	2		
Portugal:				
Lisbon.....	Dec. 5-25.....	40		
Porto Rico, general.....	July 1-Oct. 31.....	38	12	Received out of date.
Russia:				
Libau.....	Dec. 6-26.....	12		
Moscow.....	Nov. 21-Dec. 11.....	16	2	
Odessa.....	Nov. 21-Dec. 1.....	26	10	
Riga.....	Dec. 5-18.....	19		
St. Petersburg.....	Nov. 28-Dec. 18.....	135	43	
Warsaw.....	Oct. 24-Nov. 6.....		25	
Spain:				
Almeria.....	Nov. 1-30.....		5	
Barcelona.....	Dec. 14-26.....		4	
Huelva.....	Nov. 1-30.....		11	
Tripoli:				
Tripoli.....	Nov. 14-Dec. 25.....	242	24	
Turkey in Asia:				
Bagdad.....	Nov. 21-Dec. 11.....			Present.
Smyrna.....	Nov. 5-Dec. 1.....		31	
Uruguay:				
Montevideo.....	Oct. 1-31.....		7	

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Hull.....	Dec. 25	275,552	84							1		3		1
Do.....	Jan. 1		104									4		1
Johannesburg.....	Dec. 11	180,687	147	11						7	1			1
Kobe.....	Dec. 18	380,717	133		6							2		
Konigsberg.....	do	243,200	78	14									5	
Do.....	Dec. 25		72	7									5	3
Leeds.....	Jan. 1	484,012	163	10								1		1
Leipzig.....	Dec. 18	540,891	162	22						1		3	1	2
Do.....	Dec. 25		130	14						4	1	1	2	1
Leith.....	Jan. 1	85,721	31	2								1		
Liverpool.....	do	760,357	296	16							3	6		11
London.....	do	7,429,740	2,108								11	20	14	43
Lubeck.....	Dec. 25	97,500	28	1										1
Lyon.....	do	472,114	176	28						1	2	2		
Magdeburg.....	Dec. 4	252,086	72	12							1	2		
Do.....	Dec. 11	252,782	73	11							1	1		3
Manchester.....	Jan. 1	631,533	228	18						1	2		5	2
Mannheim.....	Dec. 11	185,471	32	5								1		
Mexico.....	do	400,000	360	42				3	7	1		1		1
Do.....	Dec. 18	400,000	376	32				2	7	1				4
Milan.....	Dec. 26	900,000	30	27						1		1		
Monterey.....	Jan. 9	100,000	36	1								1		
Moscow.....	Dec. 18	1,500,000	762	92		44		2	2	3	41	28	28	8
Do.....	Dec. 25		719	95		15		2	1	5	41	27	20	11
Munich.....	Dec. 11	566,000	199	23							2	2		2
Nagasaki.....	Dec. 12	175,936	50	5						1				
Do.....	Dec. 18	175,936	60	3								1		
Nantes.....	Jan. 9	161,908	75	16						1				
Naples.....	Dec. 25	593,729	298					2				3		
Do.....	Jan. 1		288					6						
Newcastle-on-Tyne.....	do	281,584	82								1	1		1
Nottingham.....	Dec. 18	260,000	93							1		2	2	
Do.....	Dec. 25		87									2	1	2
Nuremberg.....	Dec. 11	316,180	79	12								1	2	
Prague.....	Dec. 18	233,649	109	28						1	1	1	1	2
Do.....	Dec. 25		116	22								1		
Odessa.....	Dec. 18	520,000	214	20				3	1	7	13	6	9	2
Do.....	Dec. 25		220	26				4		3	11	7	6	
Para.....	do	185,000	95	8	1		5							
Do.....	Jan. 1		74	8			5							
Plymouth.....	do	124,180	46							1		1		1
Port Elizabeth.....	Dec. 11	32,959	25	5						1				
Rangoon.....	do	252,155	197	9	4	4		3						
St. Petersburg.....	Dec. 18	1,678,000	714	111				12	1	10	23	15	22	8
Do.....	Dec. 25		711	113				18		7	21	18	25	16
Santa Cruz de Tenerife.....	do	46,000	20	2									2	
Shanghai.....	Dec. 19	565,000	140	11				1				1		
Singapore.....	Dec. 11	271,060	200	27										
Stettin.....	Dec. 18	239,000	74	8								2		1
Do.....	Dec. 25		57	7								3	1	
Stockholm.....	Dec. 18	339,582	89	15								1		1
Tripoli.....	do	42,000	1					1		1				
Do.....	Dec. 25		2							1				
Turin.....	Dec. 15	381,459	132	21						1		2		
Vladivostok.....	Nov. 21	85,004	7	1						1				
Do.....	Dec. 5		26	2						2	1			
Warsaw.....	Oct. 30	764,054	315	39				10	1	2	11	1	13	
Do.....	Nov. 6		339	53				15	1	5	11	6	6	

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES
(untabulated).

BRAZIL—Ceara.—Month of November, 1909. Estimated population, 55,000. Total number of deaths 90, including tuberculosis 11, typhoid fever 9.

CUBA—Matanzas.—Ten days ended December 31, 1909. Estimated population, 36,009. Total number of deaths 29, including tuberculosis 4.

EGYPT—Alexandria.—Month of November, 1909. Estimated population, 420,000. Total number of deaths 861, including diphtheria 22, measles 1, plague 1, smallpox 21, tuberculosis 73, typhoid fever 10, typhus fever 1.

FRANCE—Calais.—Month of October, 1909. Estimated population, 80,000. Total number of deaths 104, including tuberculosis 20, scarlet fever 2.

Cherbourg.—Month of December, 1909. Estimated population, 43,837. Total number of deaths 100, including tuberculosis 17.

Toulon.—Month of December, 1909. Estimated population, 101,602. Total number of deaths 146, including tuberculosis 19, typhoid fever 3.

GREAT BRITAIN.—Week ended January 1, 1910.

England and Wales.—The deaths registered in 76 great towns correspond to an annual rate of 16.7 per 1,000 of the aggregate population, which is estimated at 16,445,281.

Ireland.—The deaths registered in 21 principal town districts, having an aggregate estimated population of 1,145,308, correspond to an annual rate of 25.4 per 1,000 of the population. The lowest rate was recorded at Dundalk, viz, 8.0, and the highest at Sligo, viz, 43.2, per 1,000.

Scotland.—The deaths registered in 8 principal towns, having an aggregate estimated population of 1,839,571, show a total of 675, including diphtheria 6, measles 63, scarlet fever 3, typhoid fever 1, whooping cough 3. The lowest rate was recorded at Paisley, viz, 12.5, and the highest at Greenock, viz, 23.8, per 1,000.

ITALY—Genoa.—Two weeks ended December 31, 1909. Estimated population, 221,774. Total number of deaths 257, including diphtheria 5, smallpox 1, tuberculosis 47, typhoid fever 13.

JAMAICA—Kingston.—Month of October, 1909. Population, 48,500. Total number of deaths 121, including phthisis pulmonalis 6. Month of November, 1909. Total number of deaths 120, including tuberculosis 11. Month of December, 1909. Total number of deaths 163, including tuberculosis 16.

MALTA.—Week ended December 4, 1909. Estimated population 212,888. Total number of deaths 92, including tuberculosis 4, typhoid fever 4. Week ended December 18, 1909. Total number

of deaths 91, including Mediterranean fever 2, tuberculosis 7, typhoid fever 1.

MAURITIUS.—Month of October, 1909. Estimated population, 374,237. Total number of deaths 1,177, including plague 77, tuberculosis 71, typhoid fever 1.

PORTUGUESE EAST AFRICA—*Lourenço Marquez*.—Month of November, 1909. Estimated population, 10,000. Total number of deaths 34, including tuberculosis 7.

SPAIN—*Almeria*.—Month of November, 1909. Estimated population, 50,910. Deaths from contagious diseases: Diphtheria 2, measles 9, scarlet fever 1, smallpox 5, tuberculosis 12, typhoid fever 2.

TURKS ISLANDS.—Two weeks ended January 8, 1910. Estimated population, 1,800. Total number of deaths 3. No deaths from contagious disease.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.