PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

Date of last case of human plague: Sickened, January 30, 1908. Date of last case of rodent plague: October 23, 1908.

Week ended March 20, 1909.

Week ended March 20, 1909.	
Sick inspected	9
Dead inspected	123
Plague Premises inspected	0 2, 429
Houses disinfected	51
Nuisances abated	298
Rats found dead	37
Rats trapped	2, 264
Total rats taken	2, 301
Rats identified:	
Mus norvegicus	1, 474
Mus rattus	51 757
Mus musculus	10
Total	2, 292
Rats identified as to sex	1, 461 689
Female	772
Rats examined bacteriologically	1, 316 0
Plague rats	11
Ground squirrels examined bacteriologically	11
Plague squirrels	0 11
Poisons placed.	

OAKLAND, CAL.

Date of last case of human plague: Sickened, July 17, 1908. Date of last case of rodent plague: Trapped, December 1, 1908.

Week ended March 13, 1909.	
Dead inspected	24
Plague Premises inspected	0 756
Premises cleaned	
Garbage cans installed	194 2
Nuisances abated	185
Rats found dead	29
Rats trapped	5 33
Total rats taken	562
Mice trapped	56
Rats identified: Mus norvegicus	555
Mus rattus	4
Mus musculus	56 3
Total	618
Rats_examined bacteriologically	551
Plague rats. Mice examined bacteriologically	0
Mice examined bacteriologically	56 0
Poisons placed	
POINT RICHMOND, CAL.	
,	
Week ended March 13	
Week ended March 13. Sick inspected	. 2
Sick inspectedPlague	. 0
Sick inspected	. 0 . 470
Sick inspected	. 0 . 470 . 21
Sick inspected Plague Premises inspected Nuisances abated Rats found dead Rats trapped	. 0 . 470 . 21 . 14
Sick inspected. Plague. Premises inspected. Nuisances abated. Rats found dead. Rats trapped. Rats examined bacteriologically. Plague rats.	0 470 21 14 8 8
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Sick inspected Plague. Premises inspected Nuisances abated Rats found dead Rats trapped. Rats examined bacteriologically. Plague rats. Poisons placed. ALAMEDA COUNTY, CAL. Week ended March 13. Sick inspected. Plague. Dead inspected. Plague CONTRA COSTA COUNTY, CAL. Week ended March 13. Dead inspected.	0 470 470 21 14 8 8 8 0 7,000
Sick inspected Plague. Premises inspected Nuisances abated Rats found dead Rats trapped. Rats examined bacteriologically. Plague rats Poisons placed. ALAMEDA COUNTY, CAL. Week ended March 13. Sick inspected. Plague. Dead inspected. Plague. CONTRA COSTA COUNTY, CAL. Week ended March 13. Dead inspected. Plague. Ground squirrels shot.	0 470 470 21 14 8 8 0 7,000 7,000 48 0 0 37
Sick inspected Plague. Premises inspected Nuisances abated Rats found dead Rats trapped. Rats examined bacteriologically Plague rats. Poisons placed ALAMEDA COUNTY, CAL. Week ended March 13. Sick inspected Plague Dead inspected Plague. CONTRA COSTA COUNTY, CAL. Week ended March 13. Dead inspected Plague Ground squirrels shot Ground squirrels examined bacteriologically	0 470 470 21 14 8 8 0 7,000 48 0 0 37 37 37
Sick inspected Plague. Premises inspected Nuisances abated Rats found dead Rats trapped. Rats examined bacteriologically Plague rats. Poisons placed ALAMEDA COUNTY, CAL. Week ended March 13. Sick inspected Plague. Dead inspected Plague CONTRA COSTA COUNTY, CAL. Week ended March 13. Dead inspected Plague Ground squirrels shot. Ground squirrels examined bacteriologically Plague squirrels.	0 470 470 21 14 8 8 8 0 7,000 10 48 0 37 37 0 0
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Report from Los Angeles, Cal.—Examination of animals for plague infection.

Passed Assistant Surgeon Stimson, plague laboratory, reports, March 18:

Animals examined in the laboratory in this city from March 8 to 14, inclusive:

Ground squirrels	48
Gray rats	368
Black rats	13

None of these animals was found to be infected with plague.

Report from Seattle, Wash.—Plague-prevention work.

Passed Assistant Surgeon Glover reports, March 15:

SEATTLE, WASH.

Date of finding of last plague rat, September 26, 1908.

Week ended March 13, 1909.

Plague-infected rats to date	21
Rats received	931
Rats necropsied	911
Plague rata	0
Vessels inspected	9
Vessels furnigated	3

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

California—Sacramento.—Month of January, 1909. Estimated population, 50,000. Total number of deaths, 72, including enteric fever 5, whooping cough 1, and 9 from tuberculosis. Cases: Diphtheria 3, measles 7, scarlet fever 2, enteric fever 6, smallpox 22.

Month of February, 1909. Total number of deaths, 48, including enteric fever 1, and 4 from tuberculosis. Cases: Diphtheria 3, measles 3, whooping cough 1, scarlet fever 2, enteric fever 3, and smallpox 7.

COLORADO.—Semiannual report for the period ended December 31, 1908. Estimated population, 640,861. Total number of deaths, 5,222, including diphtheria 86, scarlet fever 36, and 256 from enteric fever. Cases: Diphtheria 595, scarlet fever 576, smallpox 52, and enteric fever 2,226.

CONNECTICUT—Bridgeport.—Month of February, 1909. Estimated population, 100,000. Total number of deaths, 117, including diphtheria 2, and 17 from tuberculosis. Cases: Diphtheria 14, enteric fever 2, scarlet fever 22, measles 54, whooping cough 1, and pulmonary tuberculosis 11.

Illinois—Springfield.—Month of February, 1909. Estimated population, 68,970. Total number of deaths, 56, including enteric fever

April 2, 1909 406

1, measles 1, whooping cough 1, and 7 from pulmonary tuberculosis. Cases: Diphtheria 3 and scarlet fever 4.

INDIANA.—Month of January, 1909. Estimated population, 2,648,594. Total number of deaths, 2,744, including tuberculosis, 352, enteric fever 36, diphtheria 36, scarlet fever 9, measles 5, and 20 from whooping cough. Cases: Smallpox, 148 cases in 24 counties; enteric fever, 194 cases in 39 counties; diphtheria, 170 cases in 45 counties.

Iowa.—Reports to the state board of health for the quarter ended December 31, 1908. Estimated population, 2,500,000. Total number of deaths, 4,923, including diphtheria 87, enteric fever 83, measles 3, scarlet fever 4, whooping cough 23, smallpox 1, and 324 from tuberculosis.

Kentucky—Louisville.—Month of February, 1909. Estimated population, 206,416. Total number of deaths 293, including enteric fever 2, whooping cough 1, scarlet fever 2, diphtheria 2, and 35 from tuberculosis.

MASSACHUSETTS.—Reports from the state board of health for the month of February, 1909. Fifty-three cities and towns reporting, having an aggregate estimated population of 2,367,620, report 3,066 deaths, including diphtheria 80, enteric fever 20, measles 7, and 351 from phthisis pulmonalis. Cases: Diphtheria 593, enteric fever 73, measles 1,746, scarlet fever 664, whooping cough 361, smallpox 2, and phthisis pulmonalis 515.

MINNESOTA.—Month of December, 1908. Estimated population, 1,979,658. Reports to the state board of health show as follows: Total number of deaths, 1,533, including diphtheria 62, enteric fever 31, scarlet fever, 11, whooping cough 2, smallpox 3, and 158 from tuberculosis. Deaths reported from state institutions during the month numbered 42, including enteric fever 1, diphtheria 1, and 14 from tuberculosis.

St. Paul.—Month of January, 1909. Estimated population, 230,000. Total number of deaths reported to the department of health, 186, including diphtheria 9, enteric fever 3, scarlet fever 6, and 18 from tuberculosis. Cases: Diphtheria 113, scarlet fever 107, measles 3, and smallpox 37.

Winona.—Month of February, 1909. Estimated population, 22,000. Total number of deaths, 17, including 2 from tuberculosis. Cases: Scarlet fever 1, smallpox 3, enteric fever 1, and measles 1.

Nebraska—Lincoln.—Month of February, 1909. Estimated population, 60,000. Total number of deaths, 43, including 2 from tuberculosis. Cases: Diphtheria 3, scarlet fever 6, measles 10, and smallpox 8.

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NEW YORK—Troy.—Month of February, 1909. Estimated population, 77,650. Total number of deaths, 116, including diphtheria 1, enteric fever 1, and 15 from tuberculosis. Cases: Enteric fever 3, diphtheria 5, scarlet fever 6, whooping cough 17, measles 2, and tuberculosis 58.

Peekskill.—Months of January and February, 1909. Estimated population, 14,336. Total number of deaths, 34, including 3 from tuberculosis. Cases: Scarlet fever 9, diphtheria 2, and tuberculosis 3.

Ohio—Columbus.—Annual report for the year, 1908. Estimated population, 190,000. Total number of deaths, 2,487, corresponding to an annual death rate of 13.09 per 1,000 of population. Deaths from contagious diseases were: Enteric fever 170, measles 4, scarlet fever 1, whooping cough 14, diphtheria 12, and 328 from tuberculosis. Cases: Diphtheria 80, scarlet fever 260, whooping cough 144, measles 421, smallpox 48, enteric fever 1,565, and tuberculosis 420.

Month of January, 1909. Total number of deaths, 196, including enteric fever 1, measles 1, whooping cough 1, diphtheria 1, and 17 from tuberculosis. Cases: Diphtheria 11, scarlet fever 23, whooping cough 6, measles 80, smallpox 3, enteric fever 6, and tuberculosis 24.

Month of February, 1909. Total number of deaths, 162, including scarlet fever 1, whooping cough 1, diphtheria 1, and 23 from tuberculosis. Cases: Diphtheria 4, scarlet fever 11, whooping cough 9, measles 32, smallpox 11, enteric fever 9, and tuberculosis 33.

Pennsylvania—Pittsburg.—Month of November, 1908. Estimated population, 565,000. Total number of deaths, 637, including diphtheria 10, scarlet fever 10, measles 1, whooping cough 2, enteric fever 9, and 48 from tuberculosis. Cases: Diphtheria 94, scarlet fever 157, enteric fever 96, tuberculosis 110, whooping cough 17, and measles 124. Total deaths correspond to an annual death rate of 13.54 per 1,000 of population.

TEXAS—Fort Worth.—Month of January, 1909. Estimated population, 60,000. Total number of deaths, 74; causes of death not reported. Cases: Diphtheria 2, scarlet fever 7, measles 1.

Month of February, 1909. Total number of deaths, 71; cause of death not reported. Cases: Smallpox 3, diphtheria 12, scarlet fever 2, and tuberculosis 4.

VIRGINIA—Richmond.—Annual report for the year 1908. Estimated population, 114,084. Total number of deaths, 2,486, including enteric fever 57 (white 39, colored 18), measles 6, scarlet fever 1, whooping cough 33 (white 12, colored 21), diphtheria 4, and 223 (white 105, colored 118) from tuberculosis. The total number of deaths corresponding to an annual death rate of 21.79 per 1,000 of population (white 17.48 per 1,000, colored 29.21 per 1,000).

Washington—Seattle.—Month of February, 1909. Estimated population, 276,562. Total number of deaths, 162, including scarlet fever 1, diphtheria 1, and 1 from tuberculosis. Cases: Diphtheria 29, measles 43, enteric fever 9, scarlet fever 22, smallpox 3, tuberculosis 12.

WISCONSIN—Milwaukee.—Month of February, 1909. Estimated population, 370,000. Total number of deaths 388, including enteric fever 6, scarlet fever 12, diphtheria 9, and 29 from tuberculosis. Cases: Smallpox 34, tuberculosis 56, diphtheria 62, scarlet fever 112, enteric fever 57, and measles 287.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to April 2, 1909.

For reports received from June 26, 1908, to December 25, 1908, see Public Health Reports for December 25, 1908.

[Note.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Mobile	Place.	Date.	Cases.	Deaths.	Remarks.
Montgomery	Alabama:		,		
Tuscaloosa County		Jan. 12-Feb. 6	7		
Total for State 93					
Page 1	Tuscaloosa County	Feb. 6-Dec. 31	86		Year 1908.
Bethel	Total for State		93	1	
Jonesboro Jan. 20-Mar. 1 20 Little Rock Dec. 15-Jan. 2 23 Magnolis Jan. 5-13 25 Texarkana Nov. 26-Jan. 11 10 10 10 10 10 10 10	rkansas:				
Jonesboro Jan. 20-Mar. 1 20 Little Rock Dec. 15-Jan. 2 23 23 Magnolia Jan. 5-13 25 27 Texarkana Nov. 26-Jan. 11 10 10 10 10 10 10 10	Bethel	Jan. 25	3		,
Little Rock	Jonesboro	Jan. 20-Mar. 1	20		
Paragould	Little Rock				
Texarkana					
Total for State 108		Feb. 1-Mar. 9	27		
Ilifornia, general	Texarkana	Nov. 26-Jan. 11	10		
Los Angeles	Total for State	• • • • • • • • • • • • • • • • • • • •	108		
Los Angeles	alifornià gonorel	Now 1 Dec 21			
Oakland Nov. 1-Mar. 21 14 Sacramento Nov. 1-Feb. 28 53 San Francisco Dec. 13-Mar. 6 28 Stockton 12 12 Total for State 125 3 lorado, general July 1-Feb. 23 109 strict of Columbia: Dec. 28-Feb. 27 7 Total for District 7 7 rorgia: Bibb County— Mar. 14-21 1 Macon Mar. 14-21 1 1 Cobb County Jan. 16-Feb. 7 8 8 Paulding County Jan. 16-Feb. 7 15 15 Total for State 24 15 inois: Alexander County— 24 15 Cairo Jan. 1-31 2 15 Bureau County— Jan. 1-30 4 4 Christian County— Aug. 1-Jan. 20 40 4 Clinton County— Carlyle Jan. 1-31 1 1 Coles County— Jan. 1-30 1			10	9	•
Sacramento	Ookland	Nov. 1 Mar 21			
San Francisco. Dec. 13-Mar. 6 28	Correments	Nov 1 Feb 20			
Stockton		Dog 12 Mar 6			•
Total for State		Nov 1_30			
Dec					
Strict of Columbia: Washington	Total for State	•••••	125	3	
Washington Dec. 28-Feb. 27 7 Total for District 7 Bibb County— Mar. 14-21 1 Cobb County Jan. 16-Feb. 7 8 Paulding County Jan. 16-Feb. 7 15 Total for State 24 inois: Alexander County— Cairo Jan. 7-Feb. 27 211 Thebes Jan. 1-31 2 Bureau County— Ladd Nov. 1-30 4 Christian County— Aug. 1-Jan. 20 40 Clinton County— Carlyle Jan. 1-31 1 Coles County— Charleston Jan. 1-30 1 Cook County— Jan. 1-30 1	olorado, general	July 1-Feb. 23	109		
Washington Dec. 28-Feb. 27 7 Total for District 7 Bibb County— Mar. 14-21 1 Cobb County Jan. 16-Feb. 7 8 Paulding County Jan. 16-Feb. 7 15 Total for State 24 inois: Alexander County— Cairo Jan. 7-Feb. 27 211 Thebes Jan. 1-31 2 Bureau County— Ladd Nov. 1-30 4 Christian County— Aug. 1-Jan. 20 40 Clinton County— Carlyle Jan. 1-31 1 Coles County— Charleston Jan. 1-30 1 Cook County— Jan. 1-30 1	intrint of Columbia.				
Total for District. 7		Dec 00 Feb 07	-	1	
Mar. 14-21 1	washington	Dec. 28-Feb. 27	•		
Macon	Total for District		7		
Macon					
Macon.					
Cobb County	Macon	Mor 14_21	1		
Paulding County	Cobb County	Jan 16-Feb 7			
Total for State. 24 inois: Alexander County— Cairo. Jan. 7-Feb. 27 211 Thebes. Jan. 1-31 2 Bureau County— Ladd. Nov. 1-30. 4 Christian County— Taylorville. Aug. 1-Jan. 20. 40 Clinton County— Carlyle. Jan. 1-31 1 Coles County— Charleston. Jan. 1-30. 1 Cook County— Cook Cook County— Cook Cook County— Cook Cook County— Cook Cook County—		Ian 16-Reh 7			
nois: Alexander County— Cairo		Tuest IU-I ON. 1	10		
Alexander County— Cairo. Jan. 7-Feb. 27 211	Total for State		24		•
Alexander County— Cairo. Jan. 7-Feb. 27 211	linois.	.			
Cairo Jan. 7-Feb. 27. 211 Thebes. Jan. 1-31 2 Bureau County— Ladd Nov. 1-30. 4 Christian County— Taylorville. Aug. 1-Jan. 20. 40 Clinton County— Carlyle. Jan. 1-31 1 Coles County— Charleston. Jan. 1-30. 1 Cook County— Cook Count				1	
Thebes. Jan. 1-31 2 Bureau County— Ladd. Nov. 1-30 4 Christian County— Taylorville. Aug. 1-Jan. 20 40 Clinton County— Carlyle. Jan. 1-31 1 Coles County— Charleston. Jan. 1-30 1 Cook County— Cook County—		Ion 7 Feb 07	911	i	
Bureau County—			211		
Ladd	Cairo	Jan. 1-Feb. 21			
Christian County—	CairoThebes	Jan. 1-31	2	•••••	
Taylorville. Aug. 1-Jan. 20. 40	CairoThebesBureau County—	Jan. 1-31	_	••••••	
Clinton County— Carlyle	CairoThebesBureau County—	Jan. 1-31	_		
Carlyle. Jan. 1-31 1	Cairo	Jan. 1–31 Nov. 1–30	4		
Coles County— Charleston Jan. 1-30 1	Cairo Thebes. Bureau County— Ladd Christian County— Taylorville.	Jan. 1–31 Nov. 1–30	4		
Charleston Jan. 1-30 1	Cairo	Jan. 1-31	40		
Cook County—	Cairo	Jan. 1-31	40		
	Cairo	Jan. 1-31	4 40 1		
	Cairo. Thebes. Bureau County— Ladd. Christian County— Taylorville. Clinton County— Carlyle. Coles County— Charleston.	Jan. 1-31	4 40 1		

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Franklin County—		1		
West Frankfort	Dec. 12-Feb. 13	. 15		
Fulton County—	Tom 1 01	-		
CantonCuba	Jan. 1-31 Jan. 1-31	38		
Lewiston	Jan. 1-31	. 6		
Jackson County-		1		
Murphrysboro Jasper County	Jan. 1-31 Jan. 1-31	45	1	Descent in County and County
easper county	Jan. 1-51		•	 Present in Smallwood and South Muddy townships.
Newton	Jan. 1-31	. 1		muudy sowmanps.
Jo Daviess County—	T 1 01	١.		
Galena Kane County—	Jan. 1-31	3		•
St. Charles	Jan. 1-31	1		
Kankakee County—	1	Ī .		
Grant Park Knox County—	Jan. 1-31	1		1
Galesburg	Feb. 14-Mar. 13	4	ì	
Lake County—		•		
Waukegan	Feb. 2-26	3		
McLean County— Bloomington	Top 1 21		1	
Macon County—	Jan. 1-31	5	•••••	
Decatur	Jan. 1-31	8		
Macoupin County—			ĺ	
Benid Palmyra	Feb. 15-18 Dec. 25-Jan. 20 Dec. 25-Jan. 20	2 4		
Scottsville	Dec. 25-Jan. 20	12		
Marian Country				
Centralia	July 1-Jan. 20 Jan. 1-31	53		
Odin Sandoval	Jan. 1-31	1		
Mason County		1		Present in Havana and Quiver
Massac County—		••••		townships.
Metropolis	, Jan. 1-31	1		
Mercer County Montgomery County		1 8	• • • • • • • • • • • • • • • • • • • •	In North Henderson township. Present in Farmersville and in
monogement county	van. 1-01		• • • • • • • • • • • • • • • • • • • •	Bois d'Arc and Pitman town-
Morgan County—				ships.
Jacksonville	Feb. 5-11	1	• • • • • • • • • • • • • • • • • • • •	_
Peoria County— Peoria	Dec. 20-Mar. 20	31		Present in Glasford and in Tim-
		01	•••••	ber and Trivoli townships.
Pulaski County	Jan. 1-31			ber and Trivoli townships. Present in Pulaski.
Mounds	Jan. 1-31 Jan. 1-31	3 7		•
Randolph County—	Jan. 1-01	'		
PercySt. Clair County—	Jan. 1-31	1		
St. Clair County—	Dec 4.00	_		D
Believille	Dec. 4–20	3		Present in January.
Millstadt		il		
Saline County—				
Eldorado	Jan.1-31	1		
Sangamon County— Pawnee	Jan. 1-31	2	1	
Springfield	Mar. 20-26	3		
Schuyler County—	O-4 10 T 00	{	ĺ	
BrowningTazewell County	Oct. 12-Jan. 20 Jan. 1-31	75		Present in Elm Grove township.
Pekin	Jan. 1-31.	28		resent in Eim Grove township.
Vermilion County—				
Danville	Jan. 11-Mar. 21	12		•
Williamson County— Carterville	Jan. 1-31	2	1	
Johnston City	Jan. 1-31	ī		
Marion	Jan. 1-31	6 .		
Total for State	1	660	1	
Total for Bease	=	000	1	
diana:				
Allen County	Dec. 1-31	1.		
Fort Wayne	Jan. 10-Feb. 6 Dec. 1-31	4		
Bartholomew County		4 .		
Bartholomew County Benton County	Nov. 1-Dec. 31			
Benton CountyBoone County	Nov. 1-Dec. 31 Nov. 1-Dec. 31	2 .	!	
Benton County	Nov. 1-Dec. 31 Oct. 1-31	26 .		
Benton County Boone County Carroll County Clay County	Nov. 1-Dec. 31 Nov. 1-Dec. 31 Oct. 1-31 Oct. 1-31	26 . 8 .		
Benton County Boone County Carroll County Clay County Dearborn County Delaware County	Nov. 1-Dec. 31 Nov. 1-Dec. 31 Oct. 1-31 Oct. 1-31 Dec. 1-31	26 8 1 52		
Benton County Boone County Carroll County Clay County Dearborn County Delaware County Elkhart County	Nov. 1-Dec. 31 Nov. 1-Dec. 31 Oct. 1-31 Oct. 1-31 Oct. 1-31	26 . 8 . 1 .		

Place.	Date.	Case	s. Death	s. Remarks.
Indiana—Continued.			_	
Franklin County	Dec. 1-31		1	
Gibson County	Dec. 1-31		ī	
Grant County	Dec. 1-31	!	2	
Union.	Feb. 6	••	5	
Hamilton County	Dec. 1-31		1	••
Harrison County Hendricks County	Dec. 1-31 Nov. 1-Dec. 31	••	1 5	••
Madison County	Oct. 1-31	••	1	••
Anderson	Dec. 1-31		i	••
Marion County	Dec. 1-31	!	ī	::I
Indianapolis	Jan. 18-Feb. 28	i	5	
Miami County	Dec. 1-31	·•l _	1	
Rush County	Dec. 1-31	. 2		••
Shelby County	Dec. 1-31	•	<u> </u>	••
Spencer County St. Joseph County	Dec. 1-31	1		••
Sullivan County	Oct. 1-31		5	••
Tippecanoe County	Oct. 1-Dec. 31	. 7		
Lafayette	Dec. 15-Mar. 22	. 59		il
Tipton County	. Nov. 1-Dec. 31			
Vanderburg County—	1	1		
Evansville	. Jan. 10-Feb. 20	. 10		∤
Vigo County	. Oct. 1-Dec. 31	. 7		••
Wabash County Warren County	. Nov. 1-Dec. 31	- !		·•
Wayne County	Dec. 1-31 Nov. 1-30	. 8		·•
wayne county	. Nov. 1-30	٠٠		••
Total for State		. 353	1	
				-
owa, general	. July 1-Sept. 30		. 2	
Burlington	. Jan. 1-31	. 1		
Council Bluffs	July 1-Feb. 28	. 32		
Dubuque	. Oct. 1-Jan. 31	. 87	1	
Total for State		100		-
Total for State	•	120	5	'_
ansas:				-
Atchison County-			1	
Atchison	Dec. 20-Jan. 16	2	1	
Barton County	Nov. 1-30	7		
Bourbon County	Nov. 1-30	i		
Brown County	Nov. 1-Dec. 31	45		
Crawford County—				
Pittsburg	Nov. 1-Dec. 31	107		•
Franklin County	Dec. 1-31	1		•
Harvey County	Nov. 1-Dec. 31	4		•
Jackson County Jefferson County	Nov. 1-Dec. 31 Dec. 1-31	95 2		•
Jewell County	Dec. 1-31	2		•[
Montgomery County	Nov. 1-Dec. 31	18		•
Nemaha County	Dec. 1-31	2		i
Phillips County	Dec. 1-31	2		1
Pottawatomie County	Nov. 1-Dec. 31	36		
Pratt County	Dec. 1-31	20		
Reno County	Nov. 1-Dec. 31	3	1	•
Riley County	Nov. 1-30	2	- -	
Saline County	Nov. 1-Dec. 31	31		
Sedgwick County—	35	_	İ	
Wichita	Mar. 7-20	7		
Shawnee County Topeka	Nov. 1-Dec. 31	6		
Sheridan County	June 7-Mar. 20 Dec. 1-31	101 9		A
Stafford County	Dec. 1-31	1		
Sumner County	Nov. 1-Dec. 31	7	• • • • • • • • • • • • • • • • • • • •	
Wilson County	Nov. 1-30	5	• • • • • • • • •	
W vandotte County-		~		
Kansas City	Jan. 3-Mar. 20	30		
Total for State		546	1	
ntucky:	-			
Anderson County	Oct 1-Ten 00	200	, i	Including Lowers as bear
Covington	Oct. 1-Jan. 20 Dec. 29-Mar. 27	200	1	Including Lawrenceburg.
Fulton	Feb. 1-Mar. 22	27		
Georgetown.	Dec. 2-Mar. 4	31		
Henderson		°7		Jan. 1-June 30, 1908.
Lexington	Dec. 28-Mar. 20	39		- was. 1- ruite 00, 1500.
Newport	July 1-Mar. 20	54	1	Jan. 1-June 30, 1908, 16 cases, 1
	1		-	death.
Paducah	Jan. 24-Mar. 7	42		
Total for State	-			
TOTAL IOL STATE		422	2	
i	i=			

Place.	Date.	Cases.	Deaths.	Remarks.
Louisiana:				
Alexandria	Feb. 1-28	9		T
Arcadia Parish	Dec. 20-Jan. 11	30		Including Bienville, Libert; Hill, and Mount Lebanon.
New OrleansShreveport	Dec. 20-Mar. 20 Jan. 1-20	25 32		Tini, and mount Debalon.
Total for State		96	1	
Maine: Cyr plantation	Oct. 16-24	11		
Grand Isle (Grant Isle) St. Agatha St. David Upper Frenchville Van Buren	Nov. 11-Dec. 5	2		,
Grand Isle (Grant Isle)	Oct. 16-Dec. 12	26 9		. ,
St. David	Dec. 13-19	i		
Upper Frenchville	Oct. 25-Nov. 11	2		
Van Buren	Oct. 18-Feb. 6	94		
Total for State		145		
Maryland:				
Baltimore	Jan. 30-Feb. 6	1		
Total for State		1		
Total for State	•••••			
Massachusetts:		_		
Boston	Mar. 14-20	2 1		
Lawrence	Mar. 7-13	i		•
Boston Haverhill Lawrence New Bedford	Jan. 30-Mar. 13	3	1	
Taunton	Jan. 3-9	1		
Total for State	• • • • • • • • • • • • • • • • • • • •	8	1	
Michigan:				
Barry County	Nov. 1-Dec. 31	5		
Cheboygan County	Dec. 1-31	4		
Delta County Eaton County	Nov. 1-30 Dec. 1-31	1		
Ingham County—	Dec. 1-01	•		
Lansing	Nov. 1-Dec. 31			
Ionia County	Dec. 1-31 Dec. 1-31			•
Kent County-	Dec. 1-01	· ·		
Grand Rapids	Jan. 24-Feb. 20	2		
Lapeer County	Dec. 1-31			
Manistee County	Nov. 1-30 Nov. 1-30	2		
Menoninee County	Dec. 1-31			
Muskegon County Saginaw County—	Nov. 1-Dec. 31	19		
Saginaw	Jan. 16-Mar. 20	6		
St. Clair County	Nov. 1-Dec. 31	2 3		
Port Huron	Nov. 1-Dec. 5	3		
Detroit	Jan. 10-Mar. 27 Dec. 1-31	7		
Detroit	Dec. 1-31	2		
Total for State		74		
finnesota:	-			
Becker County	Dec. 7-13	1		
Benton County	Oct. 26-Nov. 2 Oct. 20-Nov. 23	1		
Brown County	Oct. 20-Nov. 23 Dec. 7-13	11 6		•
Carver County	Oct. 12-Dec. 7			
Chippewa County	Nov. 3-9	1		
Cottonwood County	Oct. 20-26	1 2		
Dodge County Faribault County	Nov. 24-Dec. 7 Dec. 7-13	1		
Hennepin County	Oct. 6-12	1 .		36 4 36 40 45
Minneapolis	Nov. 1-Jan. 31 Oct. 19-Dec. 7			Mar. 1-Mar. 13, 13 cases.
Hubbard County	Dec. 7-13	1 .		
Lac qui Parie County	Nov. 2-Dec. 13	3 .		
Lyon County	Nov. 16-Dec. 13	2 . 20	••••••	
Morrison County Nicolett County	Nov. 26-Dec. 13 Nov. 16-Dec. 13			
Norman County	Dec. 7-13	5 .		
Pipestone County	Dec. 7-13	6 .		
		2 1		
Ramsey County	Nov. 16-Dec 7 Oct. 6-Dec. 13	57		

Place.	Date.	Cases	. Deaths	. Remarks.
Minnesota—Continued.				
St. Louis County—				[
Duluth	Nov. 9-Jan. 22	- 3		·•
Sibley County	Dec. 7-13	- 9		·•
Stearns County	Nov. 9-Dec. 7 Oct. 20-Dec. 7	. 4		·•
Stevens County	Nov 0-Dec. 7	12		·•
Todd County	Nov. 9-Dec. 13 Nov. 9-Dec. 13 Nov. 2-Dec. 7 Nov. 2-Dec. 13	3		•
Wabasha County	Nov. 2-Dec. 7	.i 10		
Wadena County	Nov. 2-Dec. 13	. 15		
Saseka County	Oct. 26-Dec. 7	.i 9		
	Nov. 24-30	. 1		•
Stillwater	Dec. 1-31	. 3		•
Winona County	Dec. 1-7	. 8		•
Winona Yellow Medicine County	Oct. 20-26	î		1
Total for State.	-		_	4
	· · · · · · · · · · · · · · · · · · ·	263		<u>•</u>
(ississippi: De Soto County	Nov. 1-Dec. 22	135		
Total for State		135	-	-
	· • • • • • • • • • • • • • • •			<u>-</u>
issouri:	_			
Kansas City	Jan. 24-Mar. 20	12		.
Liberty	Jan. 15-Mar. 11			-
Rich Hill	Dec. 5-31	4		·
St. Joseph	Dec. 1-31 Dec. 20-Mar. 20	1 21		•
Springfield	Nov. 1-Feb. 28	3		•
DP III SHOULD	1101. 1-1-60. 20			
Total for State	•••••	61	<u></u>	
ontana:				
Cascade County	Nov. 1-30	4		.
Flathead County	Nov. 1-30 Nov. 1-30	î		1
Gallatin County	Nov. 1-30	13		}
_ Bozeman	Nov. 1-30	15		.]
Jefferson County	Nov. 1-30	4		i
Ravalli County	Nov. 1-30	4		•
Silverbow County	Nov. 1-30	5		
ButteYellowstone County	Dec. 2-Mar. 16	27		•
•		1	•••••	
Total for State	•••••	74		
braska:	Ì			
Arlington	Jan. 25	1		l
Lincoln	Nov. 1-Feb. 28	15		
South Omaha	Dec. 20-Feb. 27	11		
Total for State	İ			
Total for State	• • • • • • • • • • • • • • • • • • • •	27	•••••	
w Hampshire:				
Hinsdale	Nov. 1-Dec. 15.	6		
Hinsdale	Nov. 1-Dec. 15	1		
West Lebanon J Westmoreland 1	an. 15-Feb. 7	2	•••••	*
Westmoreland	Nov. 1-Dec. 15	1		
Madel for Marks	ŀ			· .
Total for State		10	•••••	
w Jersey:	ï			
	Feb. 21-Mar. 6	3		
New Brunswick	Mar. 7-20	2		
Plainfield	Лаг. 7-20	3		
Perth Amboy h	far. 4-24	18		
-	-			
Total for State	••••••	26	•••••	
w York, general N	Nov. 1-Dec. 31	72		
BuffaloF	eb. 14-Mar. 20	75 4	1	
Mohawk Valley	OD. 17 HAI. 20	3	····i	Year 1908.
New York F	eb. 21-Mar. 13	2	il	real 1900.
N'agara Falls F	eh. 7-13.	ĩ		
Rome	eh. 7-13an. 1-31	î		
Schenectady F	eb. 7-13	1	• • • • • • • • • • • • • • • • • • • •	
Schenectady F	eb. 7-13an. 9-31	3		
Schenectady F	an. 9–31		3	

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina:			1	
Ashe County	Jan. 1-31	7		ļ
Bertie County	. No⊽. 1–30	1		
Camden County	Jan. 1–31	30		
Catawba County	Nov. 1-Dec. 31	4		D
Currituck County	Nov. 1-Jan. 31	34		Present to Dec. 31.
Duplin County	Dec. 1-Jan. 31	60 1		1
Edgecombe County Johnston County	Dec. 1-31 Nov. 1-Jan. 31	13		1
Jones County	Jan. 1-31	3		
Lenoir County	Dec. 1-31	20		H
Lincoln County	Dec. 1-31	1		.]
Madison County	Jan 1_31	2		
Nash County	Jan. 1-31	1		
New Hanover County—	Tom 90 Mon 1			Townseted
Pasquotank County	Jan. 22-Mar. 1 Nov. 1-Jan. 31	79		Imported.
Pitt County	Jan. 1-31	2		1
Sampson County	Jan. 1-31	22		
Sampson County Scotland County	Jan. 1-31	6		1
Wayne County	Jan. 1-31	20		
			 	•
Total for State		310		
		100		4
North Dakota	July 1-Feb. 19	168		1
Ohio, general	June 14-Jan. 2	337		•
Cincinnati	Dec 12-Mar 19			
Cleveland	Dec. 12-Mar 19 Feb. 28-Mar. 26	3		1
Columbus	Dec. 26-Mar. 2	14		Revised. 3 cases additional i
•				Sept. and Oct.
Dayton	Jan. 24-Feb. 20	5		
Newark		3		Year 1908.
Tiffin	Jan. 3-23	2		
Total for State		544	1	
Total for State		044		
Oregon:		_		
Clackamas County	Sept. 1-30	1		
Harney County	Sept. 1-30	1 9		
Jackson County Lane County	Oct. 1-Dec. 31 Dec. 1-31	10		,
Linn County	Sent 1-Oct 31	5		
Marion County	Sent. 1-Dec. 31	4		
Multnomah County	Dec. 1-31 Nov. 1-Jan. 31	5		
Portland	Nov. 1-Jan. 31	76		
Polk County Tillamook County	Sept. 1-Dec. 31	9		
Tillamook County	Oct. 1-31	1		
Umatilla County	Sept. 1-Dec. 31	6 1		
Wallowa County Washington County	Oct. 1-31 Oct. 1-Dec. 31	23		
Yamhili County	Sept. 1-Dec. 31	17		
I aminini County	Dopu. 1-Doc. or			
Total for State		168		
Pennsylvania:				
Gracedale	Oct. 24	1	1	
Harrisburg	Dec. 18-Jan. 20	3		
New Castle	Feb. 1-28	2		
New Kingstown	Dec. 29			Present.
Philadelphia	Dec. 19-25	1		
Pittsburg	Dec. 13-19	1		Imported.
Prompton	Jan. 2-Feb. 10	3		
Total for State		11		
		11		
outh Carolina:				
Winnsboro	Feb. 1-28	5		
m-4-14 04-4-	i			
Total for State		5		
outh Dakota:				
Aberdeen	May 1-Jan. 31	43		
m				
Total for State		43		
'ennessee:				
Greene County	Jan. 2	103		Including Greeneville.
Knoxville	Dec. 28-Mar. 20	18		
Memphis	Jan. 1-Mar. 13	137	1	
Nashville	Dec. 20-Mar. 27	42 30		
Polk County	Jan. 22	30		
Total for State	ľ	330	1	
2000 101 201000000000000000000000000000				

Texas:	S. .
Denton County	
Denton County	
Falturrias Dec. 26	J Dannak
Faiturias Dec. 26	d Rosnore
Fort Worth	
Do. Feb. 1-282 3 Calveston Mar. 6-12 1 1 Collad County Dec. 1-Jan. 20 25 Calveston Jan. 1-Mar. 6 4 4 Laredo Dec. 26-Mar. 19 6 Calveston Jan. 1-Mar. 6 4 4 Calveston Jan. 1-Mar. 6 4 4 Calveston Jan. 1-Mar. 6 4 4 Calveston Jan. 1-Jan. 20 76 Calveston Jan. 1-Jan. 20 76 Do.	
Galveston	
Gollad County	
Houston	
Laredo Oak Forest Oct 1-Dec 19	
Oak Forest Oct. 1-Dec. 19 Do. San Antonio Dec. 13-Mar. 20 76 San Androio Dec. 13-Mar. 20 76 San Augustine County Jan. 5 76 Jtah: 400 1 Jtah: 26 6 Cache County Jan. 1-31 41 Davis County Dec. 1-Jan. 31 26 Millard County Jan. 1-31 1 Salt Lake County Jan. 1-31 1 Salt Lake County Dec. 1-Jan. 31 136 Savier County Jan. 1-31 2 Sevier County Jan. 1-31 3 Utah County Dec. 1-31 1 Weber County Dec. 1-31 3 Total for State 539 1 Vermont: Brattleboro Dec. 5-Jan. 30 59 Newfane Jan. 11 8 And vicinity West Windsor township Jan. 22 2 And vicinity West Windsor township Jan. 29 1 Present in October. Import	
Oak Forest Oct. 1-Dec. 19 Do. San Antonio Dec. 13-Mar. 20 76 Do. Total for State 400 1 Ulah: 400 1 Usan: 400 1 Millard County Dec. 1-31 41 Mail County Dec. 1-31 1 Salt Lake County Dec. 1-31 1 Salt Lake County Dec. 1-31 1 Savier County Jan. 1-31 2 Sevier County Jan. 1-31 2 Summit County Dec. 1-31 3 Utah County Dec. 1-31 3 Total for State 539 1 Vermont: Bratileboro Dec. 5-Jan. 30 59 And vicinity West Windsor township Jan. 22 2 2	
San Augustine County	
Total for State Jan. 1-31	
State Stat	
Table	
Cache County. Jan. 1-31	
Davis County	
Garfield County	
Millard County	
Salt Lake County	
Salt Lake City Dec. 1-Feb. 28 272 1 Sanpete County Dec. 1-31 1 2 2	
Sanpete County Dec. 1-31 1 1 1 1 1 1 1 1 1	
Sever County	
Summit County	
Total for State	
Brattleboro	
Brattleboro	
NewYane	
White River Junction	
Total for State	
Present in October Imported	
Present in October Imported	
Caroline County	
Lynchburg	
Norfolk	
Richmond	
Richmond	:
Total for State.	
Vashington: Camas. Dec. 29-Mar. 8 18 Seattle Oct. 1-Feb. 28 18 Spokane Dec. 6-Mar. 20 12 1 Tacoma Dec. 14-Mar. 14 60 1 Total for State 108 1 Vest Virginia: Charleston Jan. 1-31 1 1 Charleston Jan. 15-Feb. 13 1 1 1 Total for State 2 2 2 Visconsin: Adams County July 1-Sept. 30 3 3 3 Barron County July 1-Sept. 30 1 1 1	
Camas	
Cames	
Seattle	
Total for State	
Total for State.	
Total for State.	
Vest Virginia: Jan. 1-31 1 Present in January. Charleston Jan. 15-Feb. 13 1 Present in January. Weston Jan. 15-Feb. 13 1 Visconsin: Adams County July 1-Sept. 30 3 Visconsin: Barron County July 1-Sept. 30 1 Visconsin:	
Charleston	
Charleston	
Weston	
Total for State	
Sisconsin:	•
Adams County	
Adams County	
Barron County	
Chimpage County Inject 20 0	
Chippewa County July 1-Sept. 30 6	
Dane County	
Dodge County	
Dunn County	
Dodge County	
Green County	
Iron County	
Kewaunee County July 1-Sept. 30 1	
La Crosse County—	
La Crosse Dec. 13-Mar. 20 37	
Milwaukee County— City of Milwaukee Dec. 6-Mar. 13 134	

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin—Continued.				
Manitowoc County-			1	
	3-Feb. 27	14		
	-Sept. 30	2		
	-Sept. 30	12		
Outagamie County—				
Appleton Mar. 6		2		
	-Sept. 30	3		
	-Sept. 30	4		
	-Sept. 30	1		
Racine County—		_		
Racine Mar.2		5		
	-Sept. 30	3		
Sheboygan County July 1	-Sept. 30	3 2	• • • • • • • • • • • • • • • • • • • •	
Total for State		298		
Grand total for the United States	,	6,583	23	

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

[For smallpox, see special table.]

								Case	s and	i dea	ths.				
Cities.	Week ended—	Popula- tion. United States census.	Total deaths from all	cul			teric ver.		Scarlet Diph- fever. Diph-			Measles.		Whoop- ing cough.	
_		1900. Cause	causes.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Bristol, R. I Broekton, Mass. Burlington, Vt Butte, Mont. Cambrilge, Mass. Camden, N. J Camden, S. C Caroondale, I a Charlotte, N. C Chelsea, Mass. Chicago, Ill	Mar. 20 Mar. 13 Mar. 20do Mar. 6 Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 6 Mar. 10 Mar. 20do do	38, 973 14, 509 15, 085 12, 949 30, 345 30, 345 508, 957 32, 722 13, 214 10, 145 38, 647 38, 647 38, 641 30, 470 91, 886 75, 935 2, 441 13, 536 18, 091 18, 691 13, 536 18, 691 13, 536 18, 691 19, 886 75, 935 19, 167	11 4 1 7 8 14 212 13 3 18 12 243 5 2 3 8 8 11 10	1 2 17 1 2 2 44 1 1 1 6 1 1 100	2 1 2 1 41 2 2 20 	3 4	1 1	1 1 1 1 58 2 2 2 1 1 4 4	1	3 2 22 2 64 64	1 1 1	110 6 4 53 127 12 22 6	1	2 7 7	2
Clinton, Mass Columbus, Ga	Mar. 20 Mar. 19 do Mar. 20 do Mar. 13 Mar. 20 Mar. 21 Mar. 13 Mar. 20	325, 902 325, 902 381, 768 13, 667 17, 614 125, 560 19, 632 42, 938 16, 534 35, 254	116 138 137 3 3 53 8 14 5	9 20 19 7	14 18 16 7 1 3	1 5 9 2 2 1	5 1	11 11 10 4 1	1	7 6 22 2 2 4 1	1 1 3	5 8 24 1 9 6		3 3 26	

⁴ Reported out of date.

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

								Case	s an	d de	aths	•			
Cities.	Week ended—	Popula- tion, United States census,	Total deaths from all		ber- osis.		teric ver.		arlet ver		ph- eria	Me	asie	i	noop- ng ngh.
		1900.	causes.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Causes.	Deaths.
Dayton, Ohio. Detroit, Mich. Detroit, Mich. Duluth, Minn. Dunkirk, N. Y. Ell Paso, Tex. Elkhart, Ind. Erie, Pa. Evansville, Ind. Everett, Mass. Fitchburg, Mass. Fitchburg, Mass. Fort Wayne, Ind. Galesburg, Ill. Do. Galveston, Tex. Do. Glens Falls, N. Y. Gloucester, Mass. Grand Rapids, Mich. Great Falls, Mont. Greensboro, N. C. Greenville, S. C. Do. Hammond, Ind. Do. Harrison, N. J. Hartford, Conn. Haverhill, Mass. Hoboken, N. J. Homestead, Pa. Houston, Tex. Do. Houston, Tex. Do. Hyde Park, Mass. Indianapolis, Ind. Jacksonville, Fla. Johnstown, Pa. Kansas City, Kans. Do. Kansas City, Kans. Do. La Crosse, Wis. Do. La Fayette, Ind. Do. La Crosse, Wis. Do. La Fayette, Ind. Do. La Fayette, Ind. Do. Los Angeles, Cal. Do. Lowell, Mass. Lynnchurg, Va. Lynn, Mass. Manchester, N. H. Mariboro, Mass. Manchester, N. H. Marinon, Ind. Marlboro, Mass. Manchester, N. H. Marinon, Mass. Massillon, Ohio.	Mar. 20do do	85, 333 285, 704 80, 000 11, 616 315, 905 15, 184 52, 733 529, 007 24, 336 104, 863 31, 531 45, 115 18, 607 718, 718 718, 718 718, 718 718, 718 718 718 718 718 718 718 718 718 718	20	1 2 4 2 1 2 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 1 2 2 6 2 5 4 1 1 1 1 2 2 6 6 2 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 2 1 1	1 31 17	1	15 4 3 2 2 2 1 1 1 4 1 1	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 1 3 3	1 	3 3 4 4 2 2 1	1

Reported out of date.

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

								Cas	es ar	ıd de	aths	•			
Cities.	Week ended—	Popula- tion, United States census,	Total deaths from all		ber- osis.		teric ver.		arlet ver.		ph- ria.	Mea	sles.	iı	oop- ng igh.
		1900. Caus	causes.	Cases.	Deaths.	Cases.	Deaths.	Саяев.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Свяев.	Deaths.
Norristown, Pa. North Adams, Mass. Northampton, Mass. Oakland, Cal. Do. Orange, N. J. Ottumwa, Iowa. Paducah, Ky. Palmer, Mass. Peekskill, N. Y. Peoria, Ill. Do. Do.	Mar. 6 Mar. 13do Mar. 20 Mar. 19 Mar. 21 Mar. 20do Mar. 21 Mar. 20do Mar. 21 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 14 Mar. 20do Mar. 13 Mar. 20do Mar. 14 Mar. 20do Mar. 13 Mar. 20do Mar. 14 Mar. 20do Mar. 13 Mar. 20do Mar. 14 Mar. 20do Mar. 13 Mar. 20do Mar. 13 Mar. 20do Mar. 13	18, 244 12, 962 285, 315 285, 315 202, 718 13, 962 30, 346 17, 248 13, 000 21, 228 20, 942 12, 616 80, 865 7, 200 246, 070 63, 442 20, 006 20, 006 21, 28, 301 30, 358	9 55 922 109 822 6 6 33 34 4 2 2 355 11 1 4 4 26 21 16 6 6 21 6 6 6 21 6 6 6 6 6 6 6	1 14 27 13 2 3 3 8 8 29 21 485 551 2 3 1 4 1 1 1 18 16 16	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	21 16 1 1 2 3 3 16 8 1 1 1 1 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1	1	19 17 29 1 1 5 9 1 1 1 2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 4 26 25	1 10 19 21 1 1	2	2 116 62 15 11 21 3 8	1	2 5 4	Death
Do. Do. Philadelphia, Pa. Pittsburg, Pa. Pittstourg, Pa. Pittsdeld, Mass. Plainfield, N. J. Do. Plymouth, Pa. Port Huron, Mich Do. Do. Do. Do. Do. Do. Portsmouth, N. H. Portsmouth, Va. Pottstown, Pa. Providence, R. I. Quincy, Mass. Do. Do. Racine, Wis. Reading, Pa. Richmond, Va.	Mar. 13 Mar. 20 Mar. 13 Mar. 20 do Mar. 13 Mar. 20 Feb. 13 Feb. 20 Feb. 27 Mar. 6 Mar. 13 Mar. 20 do Mar. 23 Mar. 20 do Mar. 23 Mar. 20 do Mar. 23 Mar. 20 do Mar. 20 do Mar. 20 do	56, 100 56, 100 1, 293, 697 321, 616 21, 766 15, 369 16, 369 19, 158 19, 27, 427 13, 696 175, 597 23, 899 28, 899 28, 961 85, 050 31, 051	25 100 555 160 6 9 4 6 9 5 4 6 9 7 1 11 18 10 10 12 25	16 15 162 23 2 2 2 2 2 2 1 1 2 1 4 1	1 83 16 1 1 1 7 1 2 1 2 11	27 12 1 2	5 3	78 18 14 3 2 8 11 2 2 2 1 1	2	333634224	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	173 40 6	7	25 20	1

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

						7.		Cas	105 a	nd d	eath	s .			
Cities	Week ended—	United for States	Total deaths from all	cul	ber- osis.				arlet v er .		iph- eria.	Measles.		Whoop- ing cough.	
		1900.	Causes.		Deaths.	Casses.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
St. Louis, Mo San Antonio, Tex. Sandusky, Ohio Do Do San Francisco, Cal Scranton, Pa Do Schenectady, N. Y. Shamokin, Pa. Somerville, Mass. South Bend, Ind. So. Bethlehem, Pa. Spokane, Wash. Springfield, Ill. Springfield, Mass. Springfield, Mass. Springfield, Mass. Springfield, Mass. Springfield, Mass. Tacoma, Wash. Do Do Tacoma, Wash. Do Tacoma, Wash. Do Trenton, Nass. Terre Haute, Ind. Titusville, Pa. Toledo, Ohio Do Do Topeka, Kans. Trenton, N. J. Waltham, Mass. Washington, D. C. Wheeling, W. Va. Wichita, Kans. Do Wilkinsburg, Pa	Mar. 6 Mar. 13 Mar. 20 Mar. 20 Mar. 20 Mar. 20 Mar. 22 Mar. 13 Mar. 20 .do Jan. 31 Feb. 7 Mar. 14 Mar. 20 .do do	575, 238 53, 321 19, 664 19, 664 19, 664 342, 782 102, 026 31, 682 18, 202 61, 643 35, 999 13, 241 38, 848 34, 159 62, 059 38, 253 12, 068 31, 091 37, 714 37, 714 37, 714 37, 714 31, 136 36, 673 8, 244 131, 822 131, 827 131, 808	207 6 11 2 145 36 40 21 6 6 25 22 5 29 15 37 10 4 8 8 15 26 21 14 19 3 3 41 40 40 31 20	47 40 2 4 4 3 3 3 4 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30 1 19 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 16 8 5	1	29 14 13 12 4 2 9 10 1 1 1 3 3 4 4 2 9 10 13 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	37 	1	260 1 2 2 89 19 11 5 38 3 37 11 1 3 3 37 37 3 3 11 11 11 11 11 11 11 11 11 11 11 11	5	12 11 1 2 2	1 1 1 1 1 1
Williamsport, Pa Wilmington, Del Winona, Minn Do Woburn, Mass Worcester, Mass York, Pa	Mar. 20 do Feb. 23 Mar. 23 Mar. 20 Mar. 13 Mar. 20 do	28,757 76,508 19,714 19,714 14,254 118,421 33,708 23,538	12 38 1 7 7	16	2		1 .	11		1		1		2 2	

FOREIGN AND INSULAR.

ALGERIA.

Deratization at Algiers and other localities—Rat fleas.

The following is taken from the Bulletin Bimensuelle, Algiers, Feb-

ruary 16 and 28:

Algiers.—February 1-15: Rodents taken by the maritime sanitary service, 228; examined by the laboratory of health, 70; result, negative. Classification of rats: Mus norvegicus, 105; Mus rattus, 76; Mus musculus, 47. Rat fleas determined—Pulex cheopis, on Mus norvegine, 16: Ctempusulla musculi on Mus rattus, 5

norvegicus, 16; Ctenopysylla musculi, on Mus rattus, 5.
February 16-28: Rodents taken by the maritime sanitary service, 239; examined by the laboratory of health, 55; result, negative. Classification of rats: Mus norvegicus, 133; Mus rattus, 66; Mus musculus, 40. Rat fleas determined—Pulex cheopis, on Mus rattus,

14; Ceratophyllus fasciatus, on 1 Mus rattus, 5.

Dellys.—Month of January, 1909. Rodents taken 82; 63 in city and 19 on wharves.

Oran District.—Month of January, 1909. Rodents taken, 749;

examined, 232; result, negative.

Philippeville District.—Month of January, 1909. Rodents taken, 25; examined, 20; in the city, 22, of which 18 were Mus norvegicus and 4 Mus rattus; on vessels, 3, of which 2 were Mus norvegicus and 1 Mus alexandrinus.

Ténés.—Month of January, 1909. Rodents taken, 57; on wharves

and in wharf warehouses.

AZORES.

Report from St. Michaels—Plague on islands of Fayal and Terceira— Quarantine maintained on island of St. Michaels.

Consul Creevey reports, March 13:

The island of Fayal is still infected with plague, although no new cases or deaths were reported during the month of February. The official returns for the month of February for the island of Terceira show 15 new cases and 5 deaths of plague. Strict quarantine is maintained on the island of St. Michaels against the islands of Fayal and Terceira.

BRAZIL.

Report from Rio de Janeiro—Inspection of vessels— Mortality—Plague and smallpox.

Acting Assistant Stewart reports, February 26 and March 4: Week ended February 21. Vessels inspected and received bills of health: February 15 the Norwegian steamship Polarstjernen, for New

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York, with coffee, no passengers and no change in the personnel in this port; February 16 the German steamship Seiglinde, for New York, with coffee, 1 cabin passenger and 18 steerage passengers and no change in the crew personnel; February 19 the Belgian steamship Calderon, for New York, with coffee, no passengers from this port, and with 1 new member of the crew signed on in this port.

Week ended February 28. Vessels inspected and received bills of health: February 22 the British steamship Voltaire, for New York, in cargo of coffee, with 6 cabin passengers for New York from this port and no change in the personnel of the crew; and February 23 the U. S. S. Solace granted a bill of health without inspection, this vessel sailing from here for the port of Charleston, S. C.; all crew well at time of departure.

No other vessels left for United States ports during the weeks

named.

Mortality in Rio de Janeiro—Plague and smallpox.—Week ended February 21. Total estimated population, 811,443; census population, 1907, 628,675. Total deaths for the week, 301. No deaths due to yellow fever and no cases reported. Plague caused 1 death with 1 new reported case. Smallpox caused 17 deaths with 14 new reported cases, of which number 1 occurred in the suburban zone. At the close of the week there were in the Hospital São Sebastião 40 cases of smallpox and 3 cases of plague, and in the Hospital Engenho do Dentro, 6 cases of smallpox under treatment.

Week ended February 28. Total deaths, 302. No deaths caused by yellow fever and no cases reported. Smallpox caused 5 deaths with 19 new reported cases, of which number 1 occurred in the suburban district. Plague caused no deaths, with 3 new reported cases. At the close of the week there were in the Hospital São Sebastião 34 cases of smallpox and 3 cases of plague under observation. In the other hospitals for infectious diseases there were no

occupants, an occurrence unknown here for over 7 months.

CHINA.

Report from Hongkong—Quarantine restrictions—Smallpox—Inspection of vessels—Examination of emigrants.

Temporary Acting Assistant Surgeon Gröne reports, February 13: Week ended January 30. Restrictions enforced by Hongkong against Singapore have been withdrawn. Restrictions enforced against Hongkong remain as reported on December 26, 1908.

Quarantinable diseases: Smallpox, 1 case. Vessels inspected and granted bills of health, 6. Aliens for Honolulu and Pacific coast ports: Examined, 76; rejected 9. Aliens for Philippine Islands:

Examined, 14; rejected, 6.

Report from Shanghai—Inspection of vessels—Smallpox—Plague in rats—Measures for rat destruction—Smallpox at Tientsin—Plaque outbreak in northern China.

Acting Assistant Surgeon Ransom reports, February 16:

Week ended February 13. Supplemental bill of health granted to 1 steamship with an aggregate personnel of 176. This vessel, the 421 April 2, 1909

Nippon Maru, Hongkong to San Francisco, remained in the stream at Woosung while in this port, and was loaded from lighters during daylight only. Inspection was held on the tender immediately prior to her departure for the ship. Manifests were viséed for 4.799 pieces of freight.

The weekly report of the municipal health department shows,

among Chinese, 1 death from smallpox.

Plague-infected rats continue to be found in all sections of the settlement. There have been discovered up to the present time 91 separate foci of infection. The disease continues to prevail among rats in the Hongkew district in the vicinity of the wharves. There have been no human cases of plague reported.

Copy of communication from the French consul-general showing what measures have been adopted in the French concession toward

preventing an outbreak of plague, is inclosed.

Reports from Tientsin show for the week ended January 30, smallpox 5 cases, with 1 death, the Austro-Hungarian, Japanese, and

British concessions reporting.

Plague has again broken out in the vicinity of the coal mines at Tongshan in northern China. No information has been received as to measures adopted to combat the disease.

[Inclosure.]

No case of plague has been discovered in the French concession. A circular was sent out December 26, 1908, to all proprietors of hotels and godowns, as well as to the shipping companies in the concession, asking them to second the efforts made by the council by collecting the rats found dead on their premises, and to send such rats to the sanitary authorities for examination. This circular was accompanied by instructions relative to the collection and handling of dead rats. A Chinese translation of these instructions was sent to the Chinese newspapers, and 5,000 copies were posted in the streets and alleyways of the concession.

Six gangs of coolies, armed with the necessary receptacles and antiseptics, each

morning collected the rats. This system was put in operation December 28, and

has been carried out each day.

January 31 92 rats were found and necropsied in the laboratory. None presented evidences of plague.

CUBA.

Reports from Habana—Inspection of vessels.

Passed Assistant Surgeon Amesse reports, March 22:

Week ended March 20. Vessels inspected.....

No quarantinable disease was reported in Cuba during this period.

Smallpox on steamship Monterey at Habana.

The following was received from Acting Assistant Surgeon Villoldo, March 29:

One passenger arrived from Mexico March 22 on steamship Monterey developed smallpox on March 25. Case confirmed March 28. Monterey now in New York.

The Monterey left Veracruz March 18.

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Report from Matanzas-Inspection of vessels.

Acting Assistant Surgeon Nuñez reports, March 22:

Week ended March 20. Bills of health granted to 4 vessels clearing for United States ports in good sanitary condition.

No quarantinable diseases reported in this district.

Report from Santiago—Inspection of vessels—Leprosy.

Acting Assistant Surgeon Wilson reports, March 16:

Week ended March 13. Bills of health issued to 5 vessels bound

for the United States and its dependencies.

Since January 1 there have been reported 5 cases of leprosy, of which 1 died. No other quarantinable disease was reported during the week.

HAWAII.

Report from Honolulu—Examination of rats at Honolulu and Hilo for plague infection.

Passed Assistant Surgeon Currie, plague laboratory, reports, March 8, through Temporary Chief Quarantine Officer Moore:

HONOLULU.

Week ended March 6

Week ended March 6.		
Total rats taken	 .	. 704
Trapped	 .	703
Found dead (Mus rattus)		. 1
Examined bacteriologically	 .	598
Plague infected	 .	. 0
Classification of rats trapped:		
Mus alexandrinus		149
Mus musculus		
Mus norvegicus		118
Mus rattus		138
Average number of traps set daily		1,556
Number of poisons placed		164
Rats from Hilo referred to this laboratory for bacteriological diagnosis	.	3
Rats from Hilo still under investigation	. .	3
Rats from Hilo proved to be plague infected during week		0
Last rat known to be plague infected:		
Oahu; August 22, 1907.		
Hawaii (Hilo); February 3, 1909.		
HILO.		

Week ended February 27.

Total rats taken	102
Trapped	93
Found dead	9
Examined by agent of board of health	96
Classification of rats:	
Mus alexandrinus	7
Mus musculus	15
Mus norvegicus	32
Mus rattus	48
Rat holes fumigated with carbon bisulphide	110
Poisons placed	. 897
Poisons eaten	311
Average number of traps set daily	. 050

INDIA.

Report from Calcutta—Cholera, plague, and smallpox—Plague in India and Bengal.

Acting Assistant Surgeon Allan reports, February 25:

Week ended February 20. No transactions. Week ended February 13: At Calcutta there were 17 deaths from cholera, 12 from plague, and 171 from smallpox; in Bengal, 275 cases and 247 deaths from plague.

ITALY.

Report from Naples-Inspection of vessels-Examination of emigrants—Smallpox in Naples—Status of smallpox in Italy.

Assistant Surgeon Wollenberg reports, March 8:

Vessels inspected at Naples, Palermo, and Genoa. Week ended March 6.

NAPLES.

,				Steerage	Pieces of	Pieces of
Da	te.	Name of ship.	Destination.	passengers inspected and passed.	baggage inspected and passed.	baggage disinfected.
Mar.	1 2 3	LazioVirginiaPannonia	do		70 60	1,450 1,380
	4 5 5 6	Europa. San Giorgio. Barbarossa. Bayonne	dodododododododo.	1,561 1,535 1,020	50 40 60	1,750 850 1,680
	6	Venezia Finland	New Yorkdo	1,413 1,354	120 110	1,750 1,820
		Total	PALERMO.	9,135	510	10,680
			TADERMO.			
Mar.	3	Lazio	New York	940	947	378
			GENOA.			
Mar.	1	Duca di Genova	New York	1,461	115	1,280

Rejections recommended.

NAPLES.

Dat	æ.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Measles.	Other causes.	Total.
Mar.	1 2 3	Lazio Virginia Pannonia	19 68	2 2	23 29	2 2		7 7	53 108
	5 5	Europa	29 10 20	4 3 1	15 7 6		1	8 8 5	56 28 33
	6	Venezia. Finland	26 24	4 1	14 11			6 6	50 42
		Total	196	17	105	4	1	47	370

Rejections recommended—Continued.

PALERMO.

Date.	Name of ship.	Trachoma.	Favus.	Suspected Trachoma.	Suspected favus.	Measles.	Other causes.	Total.
Mar. 3	Lazio	31		31			3	65
			GEN	DA.	•		,	
Mar. 1	Duca di Genova	8		6			1	15

Smallpox in Naples.—During the week ended March 6, 15 cases of smallpox were reported at the health office of the city of Naples.

Status of smallpox in Italy.—Week ended February 28. Procida (Naples), 1 case; Palermo, 4 cases. Week ended March 7. Varzo (Novara), 1 case; Verona, 1 case; Parma, 4 cases; Montemarano, 1 case; Ospedaletto (Avellino), 2 cases.

JAPAN.

Report from Yokohama—Examination of emigrants.

Passed Assistant Surgeon Cumming reports:

Number of emigrants per steamship Aki Maru February 17 for Seattle recommended for rejection, 1; held for observation, 11. Rejection and detention were for trachoma.

Report from Nagasaki—Examination of emigrants.

Acting Sanitary Inspector Thompson reports, February 20: One emigrant per steamship Siberia for San Francisco recommended for rejection.

MEXICO.

Report from Coatzacoalcos—Inspection and fumigation of vessels— Smallpox at Acayucan on Coatzacoalcos River.

Acting Assistant Surgeon Thompson reports, March 18:

Week ended March 17. Bills of health were issued after inspection to 2 steamships bound for ports of the United States. One vessel was fumigated.

No cases of any quarantinable disease have been reported. Small-pox is reported present at Acayucan, which is on the Coatzacoalcos River, situated about 1 mile distant from Minatitlan and 25 miles from this place.

Report from Mexico City—Yellow fever in vicinity of Maxcanu.

The following is received from Doctor Liceaga, president of the Superior Board of Health of Mexico, under date of March 22:

During the week ended March 20, 2 cases of yellow fever, with 1 death, occurred at San Bernardo, 9 kilometers distant from Maxcanu.

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Report from Veracruz—Sanitary inspection work—Petrolization of water deposits.

Consul Canada reports, March 9:

Under the supervision of the local board of health 34,808 visits were made during the month of January to persons not immune to yellow fever. There were 2,432 arrivals in the city and 2,360 departures, leaving an increase for the population of 72 persons. Passengers on the several railways were inspected to the number of 12,963. Dwellings inspected, 164.

Petroleum was used on 2,398 vessels containing water in which larvæ of mosquitoes were found. Petroleum to the amount of 1,440 liters was used on water puddles in the streets. Fifty tenements were cleansed and 6 proprietors of buildings were notified to attend to various defects in sanitation. Several streets were graded to a

higher level.

PERU.

Report from Callao—Inspection and fumigation of vessels—Status of plague in Peru—Smallpox in Lima—Plague in Chile.

Acting Assistant Surgeon Gutierrez reports, March 1:

During the week ended February 20 bills of health were issued to the Chilean steamship Loa and to the U. S. S. Snohomish. The latter was passed on statement of the medical officer; the former was fumigated. The Loa carried a personnel of 87 in the crew and 55 cabin and 45 steerage passengers.

During the week ended February 27 bills of health were issued to the British steamship *Victoria* and to two United States war ships. The *Victoria* was fumigated prior to sailing. The three vessels carried an aggregate personnel of 188 in the crew and 90 cabin and 50

steerage passengers.

The following is the latest report on plague in Peru received from the Director de Salubridad Pública:

Locality.	Cases, Febru- ary 5.	New.	Recov- ered.	Died.	Remaining, February 18.
Lima. Callao. Surco (Huarochiri). Trujillo (city and country). Chepen. San Pedro. Mollendo. Catacaos. Chota. Jayanca (Lambayeque) Chiclayo Cascas Lambayeque Zaña (Chiclayo).	7 7 4 43 3 4 3 1 11 12 3 4 4 4 2	7 5 *3 13 2 4 2 3 *2 19 12 12 2	2 2 11 3 1 *1 8	3 3 7 7 7 3 4 2 1 1 5 14 *1	9 7 7 3 38 2 1 2 4 4 4 12 2 (*) 6 4 1

The figures with the sign (*) have been misswired. Since my last report, February 18, only 1 case of plague has occurred in Callao. The municipality is at present cleaning and disinfecting houses.

Only 1 case of smallpox remains in the lazaretto at Lima.

Bills of health report plague in Chile as follows: Iquique, February 16, 14 cases in the lazaretto; 5 cases and 2 deaths in 2 weeks.

RUSSIA.

Report from Libau—Status of cholera at St. Petersburg—Summary— Organized measures against recurrence of epidemic—Cholera in other localities in Russia.

Acting Assistant Surgeon De Forrest reports, March 12:

Reports from St. Petersburg from March 6 to 11, inclusive, show 43 cases of cholera with 15 deaths. The cases remaining in hospitals in St. Petersburg on March 7 numbered 178. The new barracks will be ready March 14. A corps of physicians is being organized for the fight against cholera in the spring.

Summary of cholera at St. Petersburg.—From the beginning of the epidemic to date there have been 10,161 cases of cholera, 3,977 chol-

era deaths, and 6,006 recoveries.

Cholera in other localities.—Cholera is present in the small villages in the government of St. Petersburg on the border of Finland. At Jaroslav from beginning of epidemic to March 7, 59 cases and 26 deaths have occurred; at Romanovo-Borissoglebsk, cholera is present; at Charkov, March 10, there were 4 cases taken from train and transferred to hospitals.

FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

ALGERIA—Algiers.—Month of February, 1909. Estimated population, 155,000. Total number of deaths, 327, including enteric fever 4, smallpox 20, diphtheria 1, measles 7, and 44 from tuberculosis.

CHINA—Kulangsu.—Period from November 22, 1908, to February 13, 1909. Estimated population, 8,000. Total number of deaths, 21, including enteric fever 2, and 2 from tuberculosis.

COLOMBIA—Cartagena.—Month of February, 1909. Estimated population, 30,000. Total number of deaths, 37, including 1 from tuberculosis.

CURA.—Month of December, 1908. Estimated population, 1,572,797. Total number of deaths, 2,283, including enteric fever 16, measles 12, scarlet fever 3, diphtheria 16, whooping cough 13, yellow fever 1, leprosy 4, and 289 from tuberculosis.

France—Calais.—Month of November, 1908. Estimated population, 80,000. Total number of deaths, 117, including scarlet fever 2, diphtheria 2, whooping cough 1, and 22 from tuberculosis.

Month of December, 1908. Total number of deaths, 123, including enteric fever 2, scarlet fever 4, measles 1, whooping cough 1, and 23 from tuberculosis.

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Month of January, 1909. Total number of deaths, 137, including enteric fever 2, searlet fever 4, diphtheria 2, measles 4, and 34 from tuberculosis.

Roubaix.—Month of February, 1909. Estimated population, 121,115. Total number of deaths, 232, including diphtheria 2, scarlet fever 4, measles 2, and 32 from tuberculosis.

GREAT BRITAIN—England and Wales.—The deaths registered in 76 great towns in England and Wales during the week ended March 6, 1909, correspond to an annual rate of 21.3 per 1,000 population, which is estimated at 16,445,281.

London.—Two thousand one hundred and sixteen deaths were registered during the week, including measles 92, scarlet fever 7, diphtheria 18, enteric fever 1, whooping cough 55, tuberculosis 176, and 10 from diarrhea. The deaths from all causes correspond to an annual rate of 22.8 per 1,000. In Greater London 2,939 deaths were registered. In the "outer ring" the deaths included 18 from measles, 4 from scarlet fever, 7 from diphtheria, whooping cough 6, and 1 from enteric fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended March 6, 1909, in the 21 principal town districts of Ireland was 22.5 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Newry, viz, 4.2, and the highest in Armagh, viz, 41.2 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended March 6, 1909, correspond to an annual rate of 20.7 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 27.4, and the lowest in Perth, viz, 8.8 per 1,000. The aggregate number of deaths registered from all causes was 738, including diphtheria 6, scarlet fever 5, enteric fever 5, and 67 from whooping cough.

HAWAII—Honolulu.—Month of February, 1909. Census population, 39,306. Total number of deaths, 93, including diphtheria 2, and 16 from tuberculosis.

ITALY—Rome.—Months of November and December, 1908. Estimated population, 559,715. Total number of deaths, 1,231, including enteric fever 16, diphtheria 7, measles 20, tuberculosis 116, scarlet fever 1, and 1 from whooping cough.

PANAMA—Panama, Colon, and Canal Zone.—Annual report for the year 1908. Estimated population, 120,097. Total number of deaths, 2,983, corresponding to an annual death rate of 24.83 per 1,000 of population, including enteric fever 34, malarial fever 291, measles 1, whooping cough 1, diphtheria 7, leprosy 1, beriberi 38, and 359 from tuberculosis. Of the total number of deaths 571 occurred among

the employees of the Isthmian Canal Commission and Panama Railroad Company, corresponding to an annual death rate of 13.01 per 1,000 of employees, which is estimated at 43,890, of which 8.68 per 1,000 was due to disease and 4.33 per 1,000 to violence.

SPAIN—Seville.—Month of February, 1909. Estimated population, 148,315. Total number of deaths, 434, including measles 2, enteric fever 1, diphtheria 3, and 64 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to April 2, 1909.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.]

[For reports received from June 26, 1908, to December 25, 1908, see Public Health Reports for December 25, 1908.]

[Norz.—In accordance with custom, the tables of epidemic cuseases are terminated semiannually and new tables begun.]

	сно	LERA.		
Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo	Nov. 15-Dec. 5	12	10	
China: Hongkong	Dec. 28-Jan. 16	2	2	
India:		_		İ
BombayCalcutta.	Dec. 9-Feb. 23 Nov. 1-Feb. 13		. 85 166	
Madras	Nov. 14-Feb. 26		54	
Negapatam	Oct. 31-Feb. 5 Nov. 8-Feb. 20		5 44	
Rangoon	Nov. 9-15	1	i	1
Persia:	i			
TabrizPhilippine Islands:	Oct. 9-Dec. 28	1,003	500	
Manila	Nov. 1-Jan. 2	84	56	Third quarter, 1908, 673 cases
December				and 458 deaths.
Provinces	Nov. 1-Jan. 16	260	163	Third quarter, 1908, 17,619 cases and 11,115 deaths.
Bataan	Nov. 1-7	1	1	
BoholBulacan	Dec. 20-Feb. 6 Nov. 1-Jan. 30	118 88	75 70	
Cagayan	Nov. 1-Jan. 16	114	67	
Capiz	Nov. 1-Feb. 6	1,229	678	
Cavite	Nov. 1-Jan. 30 Dec. 20-Feb. 6	107 21	78 15	Į.
Ilocos Norte	Nov. 1-Jan. 16	335	235	
Ilocos Sur	Nov. 1-Jan. 2	207	140	
Iloilo Isabela	Nov. 1-Jan. 16 Jan. 24-30	293 2	154	
La Laguna	Nov. 1-Feb. 6	87	55	
Leyte Negros Occidental	Nov. 1-Jan. 30 Nov. 1-Jan. 16	155 272	124 175	
Palawan	Nov. 1-Dec. 19	10	1.5	, i
Pampanga	Nov. 1-Feb. 6	62	41	
RizalSamar	Nov. 1-Jan. 30 Nov. 1-Feb. 6	245 1 6 0	216 107	
Bersogon	Jan. 10-Feb. 6	66	45	
Surigao Union	Nov. 15-Jan. 12 Nov. 1-Jan. 12	7 12	4 8	
Zambales	Dec. 6-12	3	3	
Russia, general	Nov. 15-Mar. 6	4,179	1,743	Dec. 1, 3 cases are reported present
Akmolinsk. Bakoo	Nov. 15-Jan. 23 Nov. 22-28	34	13 2	at Riga. From I to 4 cases are reported weekly from the fol-
Batoom	Nov. 15-21	4	2	lowing places: Schuscka, Dnje-
Charkov	Mar. 10	4 3	••••••	prowsk (Simferopol), Bijsk,
Cronstadt	Nov. 15-Jan. 16 Nov. 15-Mar. 6	190	97	Smeinogorsk, Barnoul, Pokrowsk, Jusowska, Etsch-
Ekaterinislav	Nov. 15-Dec. 26	27	11	miadsin, and Dorpat.
Erivan	Dec. 1-31 Jan. 10	28 2	21	In whatnites
Jarosiav	Feb. 7-Mar. 7	59	26	In vicinity.
Kerson	Nov. 15-Dec. 19	2		
KharkovKief	Dec. 6-12 Nov. 15-Dec. 12	11	1	
Kooban	Nov. 15-Jan. 2	139	76	•
Kostroma	Dec. 6-12 Nov. 15-21	1		
Livonia	Dec. 6-Jan. 30	2 8	1 8	Including Brownitsa.
Moscow	Jan. 17-23	ĭ	i	Imported.
				-

CHOLERA-Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Odessa	Nov. 29-Dec. 12	2	2	
Olonets	Nov. 21-28	1	ī	
Poltava	Nov. 29-Dec. 5	3		1
Romanov-Borisoglyebsk	Mar. 10			Present.
Samara gov't dist	Nov. 29-Dec. 5	7	7	
Samarcand	Dec. 6-12	10	7	In vicinity.
Saratov	Nov. 15-Dec. 12	11	6	1
Semipalatinsk, territory of	Dec. 19-26	1		-
Stavropol	Nov. 15-21	1	<u></u> -	
St. Petersburg, government	Nov. 15-Mar. 6	29	27	35 - 44 -489 - 4
St. Petersburg	Nov. 29-Mar. 6	2,174	683	Mar. 11, still present.
Tambov	Nov. 15-Dec. 12	16	8	
Tavride Terek, territory of	Nov. 15-Dec. 19 Nov. 15-Dec. 19	99	62	
Tiflis.	Nov. 15-21	39	4	1
Tomsk	Nov 15-Jan 23	102	48	
Toula	Nov. 15-Jan. 23 Feb. 21-Mar. 6	7	2	
Tver, district	Nov. 15-Dec. 5	4	l . .	
Volgoda	Dec. 6-12	ī		
Volgoda Yelisavetpol	Nov. 26-Dec. 5	5	10	
iam:		-		
Bangkok	Nov. 1-Dec. 5	1		
	_	1		
Singapore	Nov. 8-Feb. 13	•••••	164	
	YELLOW	FEVE	R.	
Sarbados, general	Dec. 12-Mar. 6	49	16	Including the parishes of St. A
Bridgetown	Dec. 12-Mar. 7	9		drew, St. Lucy, and St. Josep
Speightstown	Mar. 7	Ĭ		
razii:		-		
Bahia	Nov. 15-Feb. 13	104	34	i
Manaos	Nov. 29-Feb. 27		11	
Para	Nov. 22-Mar. 6		41	
Pernambuco	Nov. 15-30	•••••	1	
olombia:				
Cartagena	Jan. 8-14	1	1	
uba:				
Oriente Province—	7 10			m
San Luis	Jan. 1-2	2	1	These cases were removed Dec.
İ	i	ì		and 29, respectively, to Sa tiago, where 1 case died Dec. 3
uraçao	Jan. 15	1		uago, where I case theu Dec.
utch Guiana:	зац. т	-	•••••	
Paramaribo	Dec 1-Jan 27	32	8	
cuador:	Dec. 1-3an. 2/	20	•	
Guayaquil	Nov. 29-Mar. 6		33	
artinique:				
Fort de France	Dec. 13-Mar. 6	5	1	
exico:		- 1	-	
Itzincal plantation	Dec. 6-12	2	2	
Maxcanu	Dec. 6-Jan. 23	5	4	Aug. 22-Dec. 18, 5 cases n
	i	- 1	-	previously reported.
Merida	Dec. 6-Mar. 6	15	8	
San Bernardo plantation	Dec. 27-Mar. 20	7	4	
Sodzil plantation	Dec. 13-Jan. 2	7	5	
Ticul	Feb. 1-Mar. 6	2	1	
Veracruz	Dec. 6-Feb. 13	13	6	
rinidad:	7. 00	1	_	
Port of Spain	Jan. 20	• • • • • • • •	1	
	PLAC	UE.		
ores:	_			
	Feb. 1-28	15	5	
ustralia:	N 1 7	. 1	_ !	
Brisbane	Nov. 1-7	1	1	
	Ma- 15 Eab 10			
		45	24	
Bahia	Nov. 15-Feb. 13		C 1	
BahiaPara	Jan. 24-Feb. 6		2	
BahiaParaPernambuco	Jan. 24-Feb. 6 Nov. 1-Dec. 31		10	
Para Pernambuco	Jan. 24-Feb. 6	68		

PLAGUE-Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:		1		
Amoy Hankau	Mar. 16 Nov. 30-Dec. 5 Nov. 8-Jan. 2	.		Present.
Hankau	Nov. 30-Dec. 5	. 1		On river boat Loongwo.
Hongkong	Nov. 8-Jan. 2	. 2		Fab 16 again present
Tientsin Tongshan	Oct. 18-Nov. 21 Nov. 1-14		-	Feb. 16, again present. Present.
Ecuador:	NOV. 1-14		•	. Fresent.
Babahoyo	Jan. 16	. 3		
Guayaquil	Nov. 29-Feb. 27		. 46	1
Milagro	Nov. 17-Jan. 18	. 18	8	
Nisag	Jan. 16	. 7		
Tolte	Dec. 25-Jan. 17	30	20	
Egypt:	No. 14 Dec 4	١ .		1
Alexandria	Nov. 14-Dec. 4 Dec. 4			1
Suakim	Feb. 1	i		On ss. Huriet II.
Provinces—	100. 1	•		On SS. Hunce II.
Assiout	Dec. 2-Jan. 13	5	5	
Beherach	Nov. 24-Dec. 26	11	6	
Dakaklieh	Feb. 4	1	1	
Galyoobeeyeh	Nov. 21-Feb. 2	3		
Garbieh	Nov. 27-Jan. 28	4	2	
Girgeh	Oct. 18-Feb. 1	6	6	
Fayoum	Nov. 23-Dec. 1 Nov. 27-Jan. 17 Nov. 25-Jan. 27	1 1	1	
Menouf	Nov. 27-Jan. 17	155	35	
Miniehndia:	Nov. 25-Jan. 27	4		
Bombay Presidency and	Nov. 2-Feb. 6	13,730	9,692	
Sind.	11011 2 1 001 01	10,100	3,002	
Madras Presidency	Nov. 2-Feb. 6	881	636	
Bengal	Nov. 2-Feb. 6		1,948	
United Provinces	Nov. 2-Feb. 6	2.819	2,334	
Punjab	Nov. 2-Feb. 6	7,078	5,951	
Burma	Nov. 2-Feb. 6	2,790	2,651	
Central provinces, includ-	Nov. 2-Feb. 6	2,931	2,243	
ing Berar.	37 0 D 18	_	_	
Coorg	Nov. 2-Dec. 17	5	1 500	
Mysore State	Nov. 2-Feb. 6	2,249	1,596	
Hyderabad State Central India	Nov. 2-Feb. 6 Nov. 2-Feb. 6	507 634	416 495	
Rajputana.	Nov. 2-Feb. 6	1,437	1,405	
real purana	1101. 2-160. 0	1,707	1,400	
Grand total		37, 382	29, 370	
ndo-China:				
Cholen	Oct. 25-Dec. 19	12	11	Including Chuquan
Saigon	Oct. 25-Jan. 30	12	11	
apan:				
Formosa	Nov. 8-Feb. 13	85	63	Cases in February in central part.
Kagi, prefecture	Jan. 16	5		37
Hiogo	Fab e			Year 1908, 219 cases additional.
Kagoshima Kobe	Feb. 6	1 2	·····2	From s. s. Shinkochi.
Nara.	Jan. 20	2		Year 1908, 2 cases additional.
Nishinomiya	Ian 6	1	•••••	Year 1908, 53 cases.
Osaka.	Dec. 22-Jan. 29	3	1	Year 1908, 59 cases additional.
obs.	200. 22 002. 20	•	- 1	Case Jan. 29, on s. s. Shinkochi
ž.			1	Maru.
Yura		116	83	Year 1908.
	Oct. 2-Jan. 14		96	
'eru:				
	Nov. 13-Feb. 18	26	11	
	Feb. 12-18	12	5	
Cascas Casma Catacaos Chorrillos	Dec 11 Feb 19	7	1	
Chorrillos	Ion 22 Fob 4	2	2	
Chorrillos	Nov 27-Feb 18	19	6	
Chiclayo	Nov. 13-Feb. 18	44	23	
Chota	Jan. 22-Feb. 18	8	8	
Eten.	Nov. 13-Dec. 31	11	10	
Ferrenafe	Nov. 13-Dec. 24	9	3	
Jayanca, Lambayeque	Feh. 4	12		
Lambayeque	Feb. 18	12		
Lima	Nov. 13-Feb. 18	50	19	
	Nov. 13-Feb. 18	1_	5	
		7	2	
Monsefu	Nov. 13-Dec. 24		• 1	
Monsefu	Nov. 13-Dec. 24 Dec. 17-Jan. 14	2		,
Monsefu Motupe Ovotun, plantation	Nov. 13-Dec. 24 Dec. 17-Jan. 14 Nov. 20	2 4		•
Monsefu Motupe Oyotun, plantation Paita	Nov. 13-Dec. 24 Dec. 17-Jan. 14 Nov. 20 Dec. 11-17	2 4 3	2	,
Monsefu	Nov. 13-Dec. 24 Dec. 17-Jan. 14 Nov. 20	2 4		

PLAGUE-Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru—Continued.				
Surco, Matucana, Huarochiri	Feb. 4	15		
Truiillo	Nov. 13-Feb. 18	153	70	
Zaña	Jan. 14-Feb. 18	4	2	Į
Siam:			_	
Bangkok	Sept. 27-Dec. 26	12	6	Present in November.
Straits Settlements:			_	
Singapore	Nov. 30-Dec. 5	1		
Furkey in Asia:		_		
Bagdad	Nov. 6-Feb. 5	14	7	
Beirut	Dec. 17-Jan. 9	' 5	5	
Jiddah	Dec. 12-Feb. 28	82	74	
anzibar	Nov. 10	1	1 1	

SMALLPOX.

Alexador	1	l		
Algeria: Algiers	Dec. 1-Feb. 28	l	78	Imported.
Arabia:	l .	į .	i	- Importou
Aden	Nev. 25-Feb. 22		74	
Argentina:		1	_	
Buenos Aires	Oct. 1-Dec. 31		2	
Australia:		1		1
New South Wales— Newcastle	No. 1 20	1	1	
Newcastie	Nov. 1-30	1		
Bohemia	Feb. 7-13	7	1	
Galicia	Dec. 20-Jan. 23			
Silesia	Jan. 3-9	ì		
Brazil:		l	1	
Bahia	Nov. 15-Feb. 13	278	21	
Para	Feb. 14-27	2	1 1	
Pernambuco	Nov. 1-Jan. 31	1 005	97 633	
Rio de Janeiro Santos	Nov. 16-Feb. 18	1,285	10	
São Paulo	Nov. 1-Feb. 7	•••••	52	
British Honduras:	1404. 1-1-00. 1		1	
Stann Creek	Feb. 5-Mar. 10	6	1	32 miles south of Belize.
British South Africa:	20010 2001120111	I	_	
British South Africa: Cape Town	Dec. 28-Jan. 2	4		
Canada:				
British Columbia—				•
Vancouver	Dec. 1-Feb. 28	4		
Victoria	Dec. 12-Feb. 28	28	4	
Manitoba—	Dec. 20-Jan. 20	6		
Winnipeg Ontario, Province, general .	Dec. 20-Jan. 20 Dec. 1-31		• • • • • • • • • • • • • • • • • • • •	
Hamilton	Jan. 17-23	110		
Toronto	Nov. 8-28	7		
Nova Scotia—	1.01.0 2011111111	-		
Halifax	Dec. 13-Mar. 20	63		
Tusketwedge	Feb. 13	1		
Yarmouth	Dec. 1-Mar. 27	29		Revised.
Quebec— Montreal	D 00 Tom 0	1		•
Montreal Ceylon:	Dec. 26-Jan. 2	1	•••••	
Colombo	Nov. 1-21	62	13	
Chile:	1407. 1-21	02	10	
Talcaguana	Nov. 20-Jan. 28			Present in vicinity.
Valparaiso	Dec. 6-19			
China:				
Amoy	Oct. 11-Nov. 8		2	Dec. 19, still present.
Hongkong	Jan. 3-30	4	2	0 M. Dec 00 from II 0
Shanghai	Nov. 11-Feb. 14	4	3	3 cases Nov. 11-Dec. 28 from U.S.
Tientsin•	Tam 17 20	9	2	transport Seward.
Cuba:	Jan. 17-30	9	- 1	
Cienfuegos	Mar. 6	1	1	
Habana	Dec. 26-Mar. 25	4		Case Dec. 26 on s. s. Floride, case
	200.20 220.	- 1		Jan. 19 on s. s. Alfonso XIII,
_	Į	1	i	case Mar. 25 on s.s. Monterey.
Ecuador:		i	1	_
Guamote	Jan. 16			Present.
Manglar Alto	Jan. 17			Epidemic.
Manglar Alto Egypt, general Alexandria	Nov. 12-Jan. 28 Nov. 26-Feb. 28	605 42	138 26	
Cairo.	Nov 10-Feb 19	330	140	
	1104. 19-1.00. 10	900	120	

SMALLPOX-Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
France:				
Marseille	Dec. 1-Jan. 31		. 2	
Nice Paris	Jan. 1-31	1		!
Paris	Nov. 22-Mar. 6	43	2	Report Jan. 30, received out of date.
Toulon	Jan. 1-31	1	l	
Toulon	Nov. 19-Mar. 13	39		•
Bremen	Jan. 16-23	2		
Breslau	Jan. 16–23 Dec. 20–26	ī		l .
Brunswick	Feb. 16-20	i î		, and the second
Hamburg	Mar. 13	2		Among Russian emigrants.
Königsberg	Jan. 9	ī		
Freece:	Nov. 22-Mar. 6		5	į
Athens	Dec. 16-31	i	i	
Patras	Dec. 10-31	1	1	
reat Britain:	Dec 10 Man 6	-		
Bristol	Dec. 13-Mar. 6		4	
London	Feb. 1-6	1		
luatemala:		}	Į	
Guatemala City	Dec. 21	600	200	Estimated, 2,800 cases; 84 deaths. Feb. 11, still present.
ndia:				domin. 100.11, bill pro-
Bombay	Nov. 25-Mar. 2		122	
Calcutta	Nov. 1-Feb. 13		810	
Madras	Nov. 28-Feb. 26 Nov. 22-Feb. 20		14	
Rangoon	Nov. 22-Feb. 20		21	
Cholen	Nov. 15-Dec. 5	6	5	
Saigon	Nov. 1-Jan. 30		8	
Salgon taly, general Catania	Nov. 30-Mar. 7	174		
Cotonio	Feb. 28-Mar. 7	5		
Cinquefrondi	Jan. 15-21	. 13		
Florence	Nov. 24-30	13		
Florence	Nov. 24-30	3		
Genoa.	Dec. 1-Jan. 15 Dec. 7-Mar. 6	2		Town 10 1 come on a s Present
Naples	Dec. 7-Mar. 0	274	51	Jan. 18, 1 case on s. s. Europa.
Palermo	Jan. 24-Feb. 27	9	2	73. 13
Polesella Tatrinoli	Dec. 1			Epidemic.
	Jan. 15-21	2		
pan:			1	
Formosa	Nov. 29-Jan. 16	10		
Kobe	Feb. 14-20	4	1	
Tokyo	May 8-Dec. 31	314		
IVa:	•			
Batavia	Nov. 1-Feb. 13	46	3	
alta	Nov. 22-Feb. 20	4	1	1 case Nov. 22 on vessel.
anchuria:	1.0	-	_	
Dalny	Jan. 17-30	1	1	
exico:	Vall. 17 00		^	
Acapulco	Jan. 11-31	12		
Acartican	Mon 17	12		Present.
Acayucan Guadalajara	Mar. 17		3	I lesent.
Movino City	Non 9 Feb 14	5	80	
Mexico City	Nov. 8-Feb. 14			
Monterey	Jan. 4-Mar. 21	· · · · · · · <u>·</u> ·	12	
Salina Cruz	Jan. 1-15 Jan. 28-Feb. 3	5		Descent
Tehuantepec	Jan. 20-Feb. 3		2	Present.
Veracruz. Yucatan, Camp Mengel	Dec. 13-Feb. 27	4	1 2	
i ucatan, camp mengel	Dec. 21	1		D-
oluccas Islandsether ands, The:	Dec. 12			Do.
etner ands, The:		_		
Rotterdam	Jan. 10-Mar. 13	2		'
ewfoundland	Feb. 9-13			Epidemic on south coast.
St. Johns	Jan. 10-Feb. 13	7	[From s. s. Portia.
orway:				
Bergen	Jan. 24-30		2	
Christiania	Nov. 22-28	1	1	
araguay:				
Asuncion	Dec. 20-26			Present.
Arabistan	Jan. 1-28			Do.
Dizfoul	Jan. 1-28			Do.
Hamadan	Oot 2-Dec 24	350	100	Estimated.
Vormon	Oct. 2-Dec. 24 Nov. 11	330		
Kerman Kermanshah	NOV. 11	• • • • • • •	•••••	Present.
A Pringingnan	Oct. 1-31	• • • • • • •		Do.
36-1-11	Jan. I-28	• • • • • • •		Do.
Machadissor			ı	Do.
Mechedisser	Jan. 1–28			
Mechedisser	Jan. 1–28	,		Do.
Mechedisser	Jan. 1-28 Oct. 1-31 Oct. 2-8			Do. Do.
Mechedisser	Jan. 1-28 Oct. 1-31 Oct. 2-8 Jan. 16 Sept. 18-Oct. 28			Do.

SMALLPOX-Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru:				
LimaSalaverry	Nov. 22-Dec. 31 Nov. 19-25		i	Feb. 27, 1 case in the lazaretto.
Philippine Islands: Manila	Nov. 1-Feb. 6	21	11	Third quarter, 1908, 84 cases, 36 deaths.
Porto Rico: Mayaguez	Dec. 20-Jan. 2	2		deaths.
Portugal: Lisbon	Nov. 30-Mar. 6	28		One case, Jan. 27, from s. s.
Russia:	1101.00 mai.			Aragon.
Batoom	Dec. 1-31 Nov. 29-Feb. 27	1 246	86	
Odessa	Oct. 4-Mar. 6 Jan. 1-31	64	12	
RigaSt. Petersburg	Nov. 29-Feb. 20 Nov. 15-Feb. 20	11 89	29	-
Warsaw	Nov. 1-Jan. 16		55	
San SalvadorSanta Ana	Feb. 6 Feb. 6	3 40		Present on routes to Guatemala.
Servia: . Belgrade	Dec. 6-12	2		
Siam: Bangkok	Nov. 1-30			Present.
Siberia: Vladivostok	Dec. 14-Feb. 14	2		
Southeast Africa: Lourenço Marquez	Jan. 1-31	1	1	
Spain: Almeria	Jan. 1-31		1	Apr. 1-Dec. 31, 1908, 9 cases.
Barcelona Cartagena			24 15	
MadridValencia	Nov. 29-Mar. 12	63	60 5 11	
Vigo. Straits Settlements: Singapore	Dec. 28-Feb. 13		7	
Switzerland: Zurich	Feb. 21–27			
Tripoli:	Feb. 13-Mar. 6		3	
Turkey in Asia: Adalia	Sept. 24-27		1	
BagdadBassorah	Feb. 13 Jan. 3-Feb. 27			Present. Do.
Smyrna Turkey in Europe:	Oct. 7-Feb. 26	• • • • • • •	64	- '
Constantinople Trebizond	Dec. 7-Mar. 14 Feb. 7-20			Do.
Uruguay: Montevideo	Dec. 1-31		1	

Weekly mortality table, foreign and insular cities.

Cities.			. 5											
Cities.	Week ended—	Estimated population	Total deaths from	Tuberculosis.	Plague.	Cholers.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whosping songh.
Aberdeen	Mar. 6	181,918	68							1		1		1
Acapulco	Feb. 28 Mar. 14	4,700 40,000	6 45	2					····2		l-i	2		·
Aix la Chapelle	. Feb. 20	159, 523	57 201	12 16				5		·i	1	1 4		ļ
Alexandria Do	. Jan. 28	388, 083 388, 083	215	11		::::		ĭ		2	J	3	6	:::
AmsterdamAntwerp	Mar. 6 Feb. 27	566, 256 323, 921	145 92	17 9				• • • •			2	i		
Athens	do	241,058	86	24					i				ï	
DoBarmen	Mar. 6 Feb. 13	241,058 161,200	87 39	21 7	• • • • •			1	2					
Do	Feb. 20	161,200	40 52	2 4				••••	••••		1	3	4	
DoBelfast	Feb. 27 Mar. 6	161, 200 386, 576	160	24							2	1	7	
Belize	Mar. 11	9,113 87,749	5 30	6	•••••									
BergenBerlin	Feb. 13	2,115,395	583 282	81						2	13	11	7	
BirminghamBluefields		558, 336 2, 500	282	··i·	•••••	••••				1	2	6	42	١.
Bombay	Feb. 23	977,822	736	39	94	5		24		4			3	
BradfordBremen &	Mar. 6 Jan. 2	293, 983 233, 749	128 72	7 14	•••••			••••	••••	• • • •	<u>:</u> -	-1	3	
Do	Mar. 6	233,749	80	14]				1:	
ristoludapest	do Feb. 13	377,642 804,200	125	••••		••••					8	2 2	1 4	
airo	Feb. 11	701,806	384	25				14	7	5		3	1	
Doalcutta	Feb. 18 Feb. 13	701,806 847,796	403 606	24 22	12	17		19 171	7	2		3	1 1	• • •
ardiff	Feb. 27	195,303	53 55 13	5								1		
Doartagena	Mar. 6 Mar. 7	195,303 30,000	13	2]		2	::::1	
eibahemnitz	Mar. 6 Feb. 13	6,500 270,947	2 85 75	13							i-	2	;-	
Do	Feb. 20	270,947	75	8 .								1	1	· · · · j
Doburg	Feb. 27 Feb. 20	270,947 23,491	90	12		••••						1	2	1
Do	Feb. 28	23,491	7	2):								• • • • •
ognacologne	Mar. 8 Feb. 20	19,483 467,653	14 146	22		-	-		•••• •		·i	5	-3	i
Do	Feb. 27	467,653	177	23 .							4	9	8	18
openhagenalny	Feb. 20 Feb. 13	447,000 34,174	180 12	21 .			-	-		1	2	1	8	
Do	Feb. 20	34,174	27	2 .				.						i
eniaublin	Feb. 27	12,431 394,525	197	27	:::::				-	3		::::1	·i†	
Doundee.	Mar. 6	394, 525 169, 409	216 89	51 .		-					1	4	5	17
ırban	Feb. 13	60,972	18 .								1	1	:::: <u> </u>	11
st Londonlinburgh	do	49,253 355,366	125	18		-	-	-	-				-	
ume	Mar. 7	50,811	31	11 .		:				:			i.	
ushingankfort-on-the-Main	Mar. 6 Feb. 13	21, 208 362, 600	9 . 104 .			-		[-	-	-	2	2	il:	· • • •
Do	Feb. 20	362,600	86 .			-		-	.		2	2		i
Do	Feb. 27 Mar. 6	362,600 9,000	96 . 6 .			:::		-			1	1	1	2 1
nent	Feb. 27	164,579	74	7 .		.		-	-		3	1 .	-	
braitarasgow	Mar. 12	26,830 872,021	357		::::: :				::: -	3	3	4		44
eenock	Jan. 23	72,300 72,300	23 .					-	-	-	-			•••
Do	Feb. 27 Mar. 6	72,300 72,300	18 . 18 .			:::			::: :	::: :	::: :	:::	::: -	··i
ayaquil	Feb. 20	75,000	71 79	7 7			3			1.				2
lifax	Feb. 27 Mar. 13	75,000 40,787	16	1		::: .	9				:::	2 .	::: .	
mburg	Feb. 27 Mar. 6	872, 252 872, 252 20, 206	263							[4	3 .		4
	Mar. 15	20 208	251					••• ••			3	6 -		1

[•] Reported out of date.

Weekly mortality table, foreign and insular cities—Continued.

			ile o				D	eath	s fro	m —	_			
Cities	Week ended—	Estimated population.	Total deaths from causes.	Tuberculosis.	Plague.	Cholera.	Yellow fever	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria	Measles.	Whooping cough.
Hilo Hawaii	Feb. 20	3,500	6											
Do	Feb. 27 Feb. 6	3,500 39,306	16	2								: ::::		 ::::
Do	Feb. 13 Feb. 20	39,306 39,306	21 27 25	5						··i		i		::::
Do Do	Feb. 27 Mar. 6	39, 306 39, 306	25 26	9	<u> </u>	<u> </u>						1	<u> </u>	
Hnll	do Feb. 13	275, 552 363, 593	70 154									1	1	
Do	Feb. 20 Feb. 13	363, 593	157					i		2		î	i	1
Kobe. Do. Königsberg. Do.	Feb. 20	237, 600 237, 600 237, 600	81 95	13 18										
100	Feb. 27 Mar. 6	484.012	105 178	12	- 				·	;-	2	3		1
Leeds Leipzig. Do	Feb. 20 Feb. 27	537, 686 537, 686 85, 721	178 164 139	26 24				••••		1 2	1	2	3 2	3
Leith	Mar. 6	85, 721	31	2 2								ļ	ļ	2
Liege	Feb. 27 Jan. 2	175, 870 753, 203	52 337	16			••••			3	6	1 2 2	8	5 8
Do Lisbon	Mar. 6 Jan. 30	753, 203 753, 203 357, 000	367 208	19 28	•••••		••••			3	11	2	16	8
London Madras. Magdeburg. Do.	Mar. 6 Feb. 19	4,833,938 509,346	2, 116 441	176			••••	i		1	7	18	92	55
Magdeburg	Feb. 20	250,879	81 70	6							2	2		
Mannheim	Feb. 27 Feb. 6	250, 879 181, 612	70 44	9 7				••••		1	2	5		···i
Mannheim Do Do. Manzanillo	Feb. 13 Feb. 20	181, 612 181, 612	53 42	8 3			••••	••••	• • • •					2 1
	Mar. 13	1,700	1											.,
Maracaibo Do	Feb. 1 Feb. 8	49, 817 49, 817	8 9	i						1				
Do	Feb. 15 Feb. 22	49,817 49,817	12 8	···i	•••••					••••		1		• • • •
Do	Mar. 1 Mar. 13	49,817	12							i		i		
Mazatlan	Mar. 6	8,000 22,000	8 14	2										· · · · ·
Mazatlan Moncton, N. B Do	Mar. 13 Mar. 20	13,500 13,500	7 2	2			•	••••		• • • •	••••	••••	••••	
Monterey	Mar. 14	100.000	52	9						2	2		14	···i
Moscow	Feb. 27	378, 856 1, 335, 104	153 833	17 92				5	5	î	20	3 7	17	5
MunichNagasaki	do Feb. 14	556,000 175,936	219 49	26			::::				7	3 2	6	••••
Do Newcastle-on-Tyne	Feb. 21 Mar. 6	175, 936 281, 584	53 97								3	<u>.</u>	4	i
Ninchwang	Feb. 13	60,000	12											
Do	Feb. 20 Mar. 13	60,000 8,000	9 4	2		::::			::::	::::			::::	••••
Nuremberg Do	Feb. 6 Feb. 13	316, 180	115 100	9	•••••			•		••••	2 2	2	3	1 2
Do. Odessa. Paris. Penang Plymouth Prague. Do.	Feb. 20	316, 180 316, 180	116	22 27							3	3 2	2	2 6 4
Paris.	Mar. 6	467.000 2,776,397	199 1,254	250						5	5 3	4	6	9
Penang Plymouth	Feb. 13 Mar. 6	102,520 124,180	1,254 76 50	13					::: <u> </u>	1	::::		5	• • • • • • • •
Prague	Feb. 13 Feb. 20	229.571	125 137	30 22				•		4 3	3	1		_i
	Feb. 27	229, 571 229, 571	145	37						i	3	1	"i"	i
Queenstown	Mar. 6 Feb. 13	7,684 252,155	3 218	6	/ 14	7	:::	6		::::	::::	::::	"i"	• • • •
Rotterdam St. John. New Brunswick	Mar. 6 Mar. 20	412,354 40,711	124 17	2				-				1		••••
St. Petersburg	Feb. 20	1,678,000	961	135		36		i	2	15	21	20	26	8
St. Stephen San Feliu de Guixols Santiago de Cuba	Mar. 6	2,840 11,094	1 9	2		::::				::::				• • • •
Do	do Mar. 13	45, 470 45, 470	19 21	2 2		·								• • • •
SchiedamDo	Feb. 6	31,508	6 2	1					[•		• • [

a Reported out of date.

Weekly mortality table, foreign and insular cities—Continued.

			78				D	eati	s fro	m	•			
Cities. Week ended— Estimated population.	Total deaths from	Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Schiedam	Feb. 20	31,508	13	1										
Do	Feb. 27	31,508	5											
Shanghai	Feb. 13	565,000	142	19				1						
Smyrna	Feb. 5	400,000	78	7				1					1	
<u>D</u> o	Feb. 12	400,000	73	12				1		1				
<u>D</u> o	Feb. 19	400,000	79	6				1		1				
_ Do	Feb. 26	400,000	81	11				2						
Southampton	Mar. 6	124,667	56	2										
South Shields	do	117,627	45	4										
Stockholm	Feb. 20	337,760	103	14							2	1		
Sunderland	Mar. 6	159, 137	77	6							1	2	4	
Tarragona	do	20,400	22	2						2				
Tegucigalpa	Mar. 2	24,000	9					1				1		
Tientsin	Jan. 23	1,000,000	7	3			!	1						
Trieste	Feb. 13	216,680	109								4			
Do	Feb. 20	216,680	129								4	2		
Turin 4	Jan. 3	373,701	118	10							ī	1	2	
Do	Feb. 27	373, 701	227	18						1	ī	3	2 2	1
Valencia	Feb. 26	250,000	153	9				!					1	
Venice	Feb. 6	179, 286	99	2						i i		i	· i	
Do	Feb. 13	179, 286	100	6	1					1		ī	- 1	
Do	Feb. 20	179, 286	122	11		••••		••••			i	4		••••
Do	Feb. 27	179, 286	117	6				••••		••••	•	2	••••	••••
Veracruz	Mar. 6	32,000	29	8		٠١						-		•
Victoria, B. C	Mar. 13	30,000	5	3		••••	١١		••••	i		· · · · · į		····i
West Hartlepool	Mar. 6	66,750	30			۱.	· · · · · · · · · · · · · · · · · · ·			-		· i		-
Winnipeg	Mar. 13	118,000	27						••••	••••	••••	ī		• • • •
Zurich	Mar. 6		43	9				••••	••••		••••	-	••••	• • • •
Zurich	Mar. 6	180,000	43	9		•••• •		••••			••••	••••	• • • •	• •

a Reported out of date.

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Surgeon-General,
United States Public Health and Marine-Hospital Service.