# Public Health Reports

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

Vol. XIII.

WASHINGTON, D. C., OCTOBER 21, 1898.

No. 42.

# UNITED STATES.

Yellow fever in the South—(Continued).

Since the last report, yellow fever has been reported at the following new places:

LOUISIANA.—Cinclare, Iberville, Fast and West Feliciana, Lutcher, and St. Charles Parish.

Light frost was reported as occurring at the following places on the night of the 13th: Holly Springs, Columbus and Starkville, Oxford, Miss. On the 17th, at Franklin, La., and New Orleans, La.

October 12. All quarantines were raised between New Orleans and infected points in Louisiana and Mississippi.

October 20. All quarantines established by the Tennessee State board of health were ordered raised, to go into effect October 21.

October 18. Surgeon Carter reports his work since October 12, as follows:

NEW ORLEANS, La., October 18, 1898.

SIR: I have the honor to submit the following report of the work done in this vicinity since my last report, October 12, 1898:

October 13. Camp Hutton opened; Passed Assistant Surgeon G. M. Magruder in command, Assistant Surgeon C. H. Lavinder and Acting Assistant Ahrens with him.

October 14. Surgeon Carter at Oxford in conference with Surgeon Murray and Passed Assistant Surgeon Cobb, is inspecting the work there. Von Ezdorf seems, from the temperature chart, to have had a relapse of yellow fever; doing well. Agreed to stop disinfection at Orwood and (save a few houses) at Taylors as unnecessary. The few foci at Water Valley and those in Oxford will be treated. Have had light frost here.

October 16. Assistant Surgeon Cummings finished work at Jackson, Miss.; that is, cordon around infected portion of city. He goes to

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Oxford to assist Passed Assistant Surgeon Cobb. Surgeon Carter goes to Meridian on request of State board of health of Meridian to examine cases of suspicious fever.

October 17. Surgeons Murray and Carter examine 2 cases in question and find them yellow fever. Board of health believe infection from Hattiesburg. Weather is so cold that new foci will not establish in Meridian.

October 18. Great need of relief measures at Poplarville, Clinton, and Madison. Surgeon Murray stays two days in Meridian. Carter returns to New Orleans. The weather now is cold enough (save possibly in the extreme south) for us to expect no new foci to be formed. New cases will, of course, develop from exposure to foci already established, but no new foci of infection will be established by these cases.

#### Train inspection service.

All inspectors have been withdrawn from the roads centering at Chattanooga, viz, Atlanta and West Point, Southern, Western and Atlantic, Alabama and Great Southern, and Memphis and Charleston; also from the following additional roads in northern Alabama, viz, Southern, Georgia Pacific, and Louisville and Nashville.

The inspectors have been also withdrawn from the roads entering, or traversing Western Tennessee, viz, Illinois Central, Kansas City, Memphis and Birmingham, Louisville and Nashville, Memphis and Charleston, Mobile and Ohio and Nashville, Chattanooga, and St. Louis. The inspection stations hitherto maintained, for the inspection of the crews of steamboats from New Orleans at the mouth of the Red River and near Vicksburg have been discontinued.

The disinfection of freight at Jackson, Miss., has been suspended.

Yellow fever in the United States as officially reported from July 1 to October 20, 1898.

Places.	Date.	Cases.	Deaths.	Remarks.
Louisiana :				
Alexandria	To Oct. 15	200	2	Estimated.
Amite City	do		1	
Baton Rouge	do	176	<u> </u>	
Baton Rouge, East	Oct. 17		Ī	Yellow fever reported.
Baton Rouge, West				Do.
Bowie	Oct. 6			20.
Cinclare	To Oct. 15		1	
Delogny	Oct. 1		- 1	
Feliciana, East	Oct. 17			Do.
Feliciana, West	do		***************************************	Do.
Franklin	To Oct. 6	875	7	ъ.
T. 1 Sept. 1111	Oct. 7-Oct. 13		í	
	Oct. 14	18	<b>†</b>	
	Oct. 15	10	ō	
	Oct. 16	22	ŏ	
	Oct. 17	7	ŏ	
	Oct. 18	- 1	ŏ	
	Oct. 19	5		
	Oct. 20	8	0	
Warmana Canal	To Oct. 6		0	
Harveys Canal		14 40	3	
Houma	To Oct. 15		2	_
Iberville	Oct. 17			Do.
Jackson	To Oct. 15	15	0	
Jefferson Parish	To Sept. 20	5		
Lake Charles	To Oct. 15	1	0	_
Lobdell	Oct. 12			Do.
Lutcher	To Oct. 15	14	2	
New Orleans		74	19	•
Plaquemine	do	6 1	1 '	

# Yellow fever in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Louisiana—Continued.	_			
St. Charles Parish	Oct. 4	····· <u>·</u> ·		Yellow fever reported.
St. James Parish	Oct. 1			
Wilson	To Oct. 15	303	7	
Mississippi : Bay St. Louis	Oct. 11	9		
Canton	To Oct. 15			
Canton	Oct. 17	î		
	Oct. 19	2		
Clinton	To Oct. 15		0	
Crystal Spring	Oct. 11	5		
	Oct. 19	1		
Edwards (vicinity)	To Oct. 6	6		
	Oct. 7-Oct. 13 Oct. 16	1 5	1	
Fayette	Oct. 6-Oct. 13	5		
Harriston	To Oct. 6	42	4	
1101110011	Oct. 7-Oct. 13	66	i	
	Oct. 14	6	l	
	Oct. 16	2		
	Oct. 17	3		
	Oct. 18	2		
	Oct. 19	2	1	
** 441 .	Oct. 20	1 18		
Hattiesburg	Oct. 8-Oct. 13 Oct. 14	3	1	
	Oct. 15	4	1	•
	Oct. 17	4	1	
	Oct. 18	2	i i	
	Oct. 19	2		
	Oct. 20		0	
Hermanville	To Oct. 13	. 3		
Jackson	To Oct. 6	41	4	
	Oct. 7-Oct. 13	61 10	1	
	Oct. 14 Oct. 15	7		
	Oct. 16	. s		
	Oct. 17			
	Oct. 18	4	1	
	Oct, 19	6		
	Oct. 20	. 1		
Madison	Oct. 6-Oct. 13			
	Oct. 17			
	Oct. 18			
Meridian	Oct. 19 Oct. 15			
Merician	Oct. 17			
Natchez		8		
11860102	Oct. 7-Oct. 13 Oct. 14	4		
	Oct. 15	3		
	Oct. 16	3		
	Oct. 17	2		
	Oct. 18	3		
0	Oct. 19	2 79	1	
Orwood	To Oct. 6 Oct. 7-Oct. 13	6	1	
	Oct. 14	9		
	Oct. 15-Oct. 18	4		
Oxford	To Oct. 10	470	36	
	Oct. 11-Oct. 13	13	2	
	Oct. 14	. 1		
	Oct. 15	2		
	Oct. 16	1 0	1	
	Oct. 17	- 1		
Poplarville	Oct. 19 Oct. 9-Oct. 13	9		
T ohier Ame	Oct. 16	7		
	Oct. 17	7	1	
	Oct. 18	i	-	
Port Gibson	Oct. 6	1	1	
Queen Hill	Oct. 15	1	1	
Ridgeland	Oct. 8-Oct. 13	5		
	Oct. 15	1		
Starkville	Oct. 17	6		
OMPLEASING	Oct. 6-Oct. 13 Oct. 18	1		
Taylors	To Oct. 6	100	11	
_ wj 1015	Oct. 7-Oct. 13	4	2	
	Oct. 15	ī		
Monaroloo	Oct. 16	1		
Tongaloo	Oct. 17	1		

Wallan	£	2m 42m	Tradead	Cuntan	-d- 0	ontinued.
Y ellow	Tever	in the	Unuea	States.	etc.—U	ontinued.

Places.	Date.	Cases.	Deaths.	Remarks.
Mississippi—Continued.				
Waterford	To Oct. 6	2		
Water Valley	To Oct. 6	10		
	Oct. 20	i		
Waveland	Oct. 10-Oct. 13	16	1	
,	Oct. 14	2	-	
	Oct. 16	õ		
	Oct. 17	ĭ		
	Oct. 18	î		
Woodville	To Oct. 6	1		
Yazoo City	Oct. 16	6		
1 a200 City	Oct. 17	Ξ.		
		5	•••••	
	Oct. 18			
	Oct. 19	2	1	
	Oct. 20	8	1	

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

Quarantine raised between New Orleans and State of Mississippi.

[Proclamation.]

NEW ORLEANS, La., October 12, 1898.

Whereas, The prevailing fever is noticeable for its mildness, and considering the lateness of the season, be it ordained that—

(1) All quarantines are raised between all points in the State of Mississippi and the city of New Orleans on the part of the State of Louisiana.

(2) Quarantine is raised from the parish of St. Mary (except Franklin), viz: Berwick, Patterson, Clumet, Bayou Sale, Baldwin, and Adeline stations.

EDMOND SOUCHON, M. D.,
President Louisiana State Board of Health.

Investigation of supposed case of yellow fever at Varner, La.

Report having been received at the Bureau of a suspicious case of fever at Varner, Dr. William Krauss was engaged to investigate and report on the case. His report is given below:

MEMPHIS, TENN., October 11, 1898.

SIR: I have the honor to report my investigation of a case of suspected yellow fever at Varner. The patient, J. W. Stitt, section hand, has never been out of the county, and there is no reasonable way for infection to have been carried there. Varner is on a branch of the Iron Mountain Railroad, which terminates at Alexandria, La., and is a town of about 50 inhabitants, situated in a swampy region.

Patient had been in bed at the depot hotel since Friday, September 30, and, although half the population have been exposed to him from

the beginning, there is no other sickness in the place.

The clinical history being somewhat interesting, although hazy, I will

give it somewhat in detail.

Patient, aged 25 years, robust frame, has been suffering from malarial attacks all summer; had dysentery about a month ago. He had been drinking for several days, and would vomit bilious matter on the street. Captain Rice, the mayor, advised a physician. Patient had a chill on evening of September 30, followed by no perceptible fever, was vomiting excessively, went to stool frequently as result of calomel taken, hence saved no urine for inspection. Jaundice gradually developed, which was of a pale rather than a bronze hue. If the urine had

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been inspected and found bloody this would have given the classical triple symptom of malarial hematuria. Dr. Worley saw him about this time (third day) and found urine suppressed, nausea, and excessive vomiting, subnormal temperature, and a weak pulse of 60. Nausea and abstention from alcohol would account for this. Dr. Price, a recent graduate, saw patient daily after this; vomiting continued, urine very scanty, highly albuminous, straw colored, no fever; symptoms of uremia, jaundice gradually disappearing.

I found him in about that condition. Temperature 99°, pulse 78 full and hard, slight symptoms of uremia, no headache or backache, spleen slightly and liver greatly enlarged, a large blister over abdomen preventing the eliciting of visceral tenderness on pressure. The tongue was broad and heavily coated, breath fetid, much salivation, upper lip swollen, still nauseated. Cutaneous hyperemia, active, not venous. Examination of blood showed estivo-autumnal plasmodia-small, hyaline, unpigmented, often three in a corpuscle. The corpuscles were diminished in number and very pale (made no estimation), some nucleated, as I have found numbers of times in convalescents from malarial hematuria. Urine was pale, scanty, highly albuminous, but casts were granular, not epithelial.

The local officers of the Iron Mountain furnished transportation from Pine Bluff to Varner and back to Little Rock. If there had been time between trains I could have arranged for transportation all the way. I reported to Dr. Dunnavant, of Arkansas board of health, and returned to Memphis with much loss of time both ways, as railroads only run one

train and that out of schedule.

Very respectfully,

WM. KRAUSS.

# Smallpox in Wausau, Wis.

MILWAUKEE, WIS., October 12, 1898.

SIR: In compliance with the agreement embodied in resolutions adopted by the conference of State and provincial boards of health respecting interstate notification of the occurrence of communicable diseases, you are hereby informed that 1 case of smallpox (variola) has been reported to this office as existing in Wausau, Marathon County, in this State. The patient (male) came from the lumber camps in Oneida County, this State. Strict quarantine is maintained. Danger from spreading slight.

Very truly, yours,

U. O. B. WINGATE, Secretary.

# Smallpox in Huntersville (Norfolk), Va.

NORFOLK, VA, October 18, 1898.

SIR: I have the honor to inform you that 4 cases of smallpox were discovered in Huntersville, a suburb of this city, on Sunday night, and were sent to the county pesthouse. The other occupants of the house, save 2 who escaped, are being quarantined.

There has been no further case of variola in this city since my last report, and the patients, 11 in all, are in the city pesthouse and doing

well.

A general vaccination was ordered and is progressing rapidly.

Respectfully, yours, EDWD. E. FEILD,

Acting Assistant Surgeon, U. S. M. H. S.

Smallpox in the United States as reported to the Supervising Surgeon-General United State
Marine-Hospital Service, January 1 to October 21, 1898.

Places.	Date.	Cases.	Deaths.	Remarks.
labama:				
Bessemer	Jan. 6-Feb. 19	. 148	l	.
Birmingham	Jan. 6-Feb. 19			
	May 18	. 15		.
In Jefferson county, outside		1	1	
of the city	Feb. 6-Feb. 19	. 26		
Carneys Bluff	Feb. 17			
Cedarville	Aug. 1-Sept. 29	. 50		
Corona Dolomite	Mar. 4	1 21		
Dwight, Washington County	Dec. 1-Jan. 17 Aug. 16-Sept. 12	12	1	
Gosport	Feb. 17		<u>.</u>	Do.
Glendon	Feb. 17			
Haynesville	Mar. 11			
Horse Creek Mine	Mar. 4	.\ 8		
Hurricane Bayou	Mar. 31-June 12			
Jackson	Feb. 17	10		•
Letohatchie	May 18	50		- n - n - 4 4
Mobile	July 30 Feb. 5-June 15	25		Three miles from town
ALUVIIC	reb. 5-June 15	82	1	1
Montevallo	July 1-Aug. 17 Mar. 3	i		1
Montgomery	June 29	2		
Newton	Jan. 15-Feb. 2	. 7		1
Nichola	Feb. 17			Smallpox reported.
Oxmar	Jan. 19			Do.
Patton	Feb. 1-Mar. 4	. 9		
Pinckard	Feb. 2	50		
Port Deposit	May 13	1		
Rock Springs	Mar. 11	15		1 _
Salitpa	Feb. 17			Do.
Selma	Jan. 13-Feb. 14	8		
Shelby Talladega	Jan. 28-Apr. 22	.8		
Walker Springs	Jan. 9-Feb. 15 Feb. 17	45	<b> </b>	Do.
Wayne County	June 23-July 1	2		10.
Whistler	June 4-June 15			
rkansas :	bune a buncto	•		
Beebe	June 30	1		
Conway	Sept. 28			
Fair Oaks	Mar. 1	5		
Hot Springs	June 30	2		
Little Rock and vicinity	Mar. 31-May 20	110	1	
Newport	Apr. 28			
Sweet Home	May 20	11	1	
Boulder County	June 24-July 26	5		
Colorado Cañon	Aug. 8	7	******************	
Las Animas County	July 26	5	•••••	
strict of Columbia:	oury 20		***************************************	,
Washington	Feb. 7	1		Naval Hospital.
-	Apr. 2-May 5	9		
	Aug. 18	1		
orida:				
Bartow	June 25	1		
Bluff Springs	June 18	1		
Jacksonville Pensacola	Mar. 20-Mar. 26 Apr. 24-May 11	1	••••••	
Washington County	Jan. 24	2		
orgia:	Jan. 22	12		
Atlanta	Jan.17-Feb. 16	178	2	Most cases from count
	May 27-July 27	2		2000 02000 11022 00 220
Cartersville	Jan. 15-Mar. 1	9	1	
Griffin	Feb. 12	2		
BLBCUII	Jan. 15-June I	100	8	
Stilesboro	Jan. 15			Smallpox reported.
inois:	364	_		
Chicagodiana:	May 4	1		
	Wal of		ŀ	
Ansas :	Feb. 26	1	••••••	
	Sept. 15	1		
entucky:	~~p** 10	*	•••••••••••••••••••••••••••••••••••••••	
Butler	Feb. 8-Feb. 24	1	Ì	
Louisville	Apr. 16	î		
Middlesborough	Feb. 3-Apr. 7	183	2	
Laurel County	July 20			Do.
Clay County	July 20			Do.
	T1 00	4		Da
Jackson County	July 20	•••••••	*************	Do.

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

Places.	Date.	Cases.	Deaths	. Remarks.
Massachusetts:		-		
Greenfield	Feb. 5-Feb. 22	. 1	<b></b>	
Westfield	Feb. 20-Mar. 2	1		
Michigan :		1	1	
Detroit	Sept. 17-Sept. 27	. 6		
Ionia	Mar. 20-Apr. 23.		·  ····	Smallpox reported.
Otsego Royal Oak	Sept. 10 Feb. 12-Mar. 12	. 1		Do.
Seneca Township				
Scheca Township	Aug. 27			
Mississippi :				1
Basin	May 16			
Chicora	June 23-July 1		ļ	
Denny	May 16-May 31			
Hattiesburg	June 4-June 15			
Hendersons Point Laurel	Feb. 8 May 28-July 28			
Meridian	July 28	2		
Moss Point	Feb. 15			
Ocean Springs	Feb. 20			
Prairie	June 4-June 15			
State Line	June 23-July 1	1		
Shubuta, Clark County	May 28-June 15	50		
New Jersey:				1
Westfield	Mar. 4	1		
lew Mexico:	35		_	l
Albuquerque and vicinity	Mar. 5-Sept. 4	52	3	Smallpox reported pre alent along the line the Santa Fe R. R. A
				the Santa Fe R. R. A
·				gust 4, 1898.
lew York: Buffalo	Mar 01 Tuna 10	,		
Deposit	May 21-June 18 Nov. 1-Nov. 30			
Livonia	July			İ
New York City	May 14-May 21			
Waverley	July	5		
orth Carolina:	- u.y			
Alamance County	Feb. 18-Feb. 25	1	· · · · · · · · · · · · · · · · · · ·	
Asheville	Apr. 14-July 19		•••••	
Buncombe County	Apr. 16	1	· · · · · · · · · · · · · · · · · · ·	
Catawaba	July 19		• • • • • • • • • • • • • • • • • • • •	In one family.
Charlotte	Jan. 25-Feb. 12	4	••••••	
Clay County	Feb. 15-Feb. 24			
Cleveland	July 19	7		13 found recovered; to
Durham	do	1 .		tal, 20 cases.
Elmwood	do			
	May 19-June 2			
Mooresville	July 19	= 11		
Reidsville	do			
	Jan. 12	1 .		
Wilson County	May 28	1 .		
hio:		1		
Bays	July 14			
Cincinnati	May 5 Oct. 8			
Columbus	Oct. 8			
Dayton	Apr. 16-Apr. 22 Sept. 23	$\frac{1}{1}$		
Day 001	Oct 8	i  :		
	000.			
Delphos	May 4-luly 14	15.1		
Pairfield County	May 4-July 14 Apr. 8-May 11	15  .		
Fairfield CountyGoshen.	Oct. 8	12	1	
New Paris	May 4-July 14 Apr. 8-May 11 July 28 Oct. 8	12 15 .		
New Paris Oberlin	July 28 Oct. 8do	12 15 1	1	
New Paris Oberlin	July 28 Oct. 8 do Sept. 6	12 15 1 1	1	
New Paris	July 28 Oct. 8 Sept. 6 Oct. 8	12 15 1 1 26	1	
New Paris.  Oberlin. Put-in-Bay. Sandusky. St. Marys.	July 28	12 15 1 1 26 1	1	
New Paris. Oberlin. Put-in-Bay. Sandusky. St. Marys. Uniopolis	July 28	12 15 . 1 . 26 . 1 .	1	
New Paris. Oberlin. Put-in-Bay. Sandusky St. Marys. Uniopolis Van Wert.	July 28	12 15 1 . 26 . 1 . 21	1	
New Paris. Oberlin. Put-in-Bay. Sandusky St. Marys. Uniopolis Van Wert. Wapakoneta.	July 28	12 15 1 1 26 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	
New Paris. Oberlin. Put-in-Bay. Sandusky. St. Marys. Uniopolis Van Wert. Wapakoneta. sunsylvania:	July 28	12 15 1 . 26 . 1 . 21	1	
New Paris. Oberlin. Put-in-Bay	July 28	12 15 1 1 26 1 2 1 1 3 20	1	
New Paris Oberlin Put-in-Bay Sandusky St. Marys Uniopolis Van Wert Wapakoneta onnsylvania: Chester County (near SpringCity)	July 28	12 15 . 1 . 26 . 2 . 1 . 2 . 1 . 2 . 2 .	1	
New Paris.  Oberlin. Put-in-Bay. Sandusky. St. Marys. Uniopolis. Van Wert. Wapakoneta. smnsylvania: Chester County (near Spring City). Dunbar. Philadelphia.	July 28	12 15 1 1 26 1 2 1 1 13 20 	1	
New Paris Oberlin Put-in-Bay	July 28	12 15 1 1 26 1 2 1 3 20 	1	
New Paris Oberlin Put-in-Bay Sandusky St. Marys Uniopolis Van Wert Wapakoneta ennsylvania: Chester County (near Spring City) Dunbar Philadelphia Sayre, Bradford County uth Carolina:	July 28	12 15 1 26 1 1 2 2 1 13 20 	1	
New Paris Oberlin Put-in-Bay Sandusky St. Marys Uniopolis Van Wert Wapakoneta ennsylvania: Chester County (near Spring City) Dunbar Philadelphia Sayre, Bradford County uth Carolina: Arkwright	July 28	12 15 1 1 26 1 2 1 1 3 20 1 7 6 2 1 9	1	
New Paris. Oberlin. Put-in-Bay. Sandusky. St. Marys. Uniopolis Van Wert. Wapakoneta. Sunsylvania: Chester County (near Spring City). Dunbar. Philadelphia. Sayre, Bradford County uth Carolina: Arkwright. Beaufort.	July 28	12 15 1	1	Smallpox reported.
New Paris. Oberlin. Put-in-Bay. Sandusky. St. Marys. Uniopolis. Van Wert. Wapakoneta. Sansylvania: Chester County (near Spring City) Dunbar. Philadelphia. Sayre, Bradford County uth Carolina: Arkwright Beaufort. Charleston.	July 28	12 15 26 1 27 20 7 6 2 1 9 1 9 1	1	Smallpox reported.

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

Places.	Date.	Cases.	Deaths.	Remarks.
outh Carolina—Continued.				
Greenville	Jan. 17		l	Smallpox reported.
Orangeburg	Jan. 17			Do.
Pelham				20.
Ridge Springs				
Rock Hill				Do.
	Jan. 17-July 26			Do.
Spartanburg	May 2			<b>D</b> 0.
Sumter			•••••	n-
Swansea	Jan. 15		•••••	Do.
nnessee :	Man 1 Man 01			
Bristol	Mar. 1-Mar. 31		***************************************	
Chattanooga	Jan. 1-Apr. 30	21		
Cleveland	Apr. 1-Apr. 80	6		•
	July 1-July 31	12		
Elk Valley	Mar. 1-Mar.31	1		
Huntington (near)	Jan. 1-Jan. 29			
Jellico	Feb. 1-Mar. 81	9		
Johnson City	Feb. 1-Mar. 31	18		
Knoxville	Jan. 1-Apr. 30	48		
Lenoir City	Jan. 1-Feb. 28	5		
Memphis	Jan. 22-Apr. 80	4		
	July 1-July 81	2		•
Mingo mines	Jan. 1-Jan. 29	6		
Mingo	Feb. 1-Mar. 81	. 8		
Morristown	Feb. 1-Mar. 31	6		
Newcomb	Feb. 1-Feb. 28	8		
Bockford	Mar. 1-Mar. 31	î		
Rutledge	Feb. 1-Apr. 80	14	•••••	
Shields Ferry	Mar. 1-Mar. 81	4		
Sprowles	Mar. 1-Mar. 31	1		
xas:		_		
Brownsville	Feb. 26	1		
Columbus	Feb. 2-Apr. 2	80	7	Do.
irginia :				•
Colburn	Feb. 1			Do.
Norfolk	Mar. 1-Mar. 10	2		
	Sept. 19-Oct. 18	12		
Norton	Feb. 1			Do.
est Virginia:				
Bluefield	Feb. 25	5		
Fayette County	May 6			
Mercer County	May 6			
McDowell County	May 6	12		
isconsin:				
Milwaukee	May 19	1		
Oshkosh	Apr. 28	i	•••••	
Wausau	Oct. 12	1	•••••	
** ausau	OCt. 12	1		

Report of Immigration at Boston for the week ended October 15, 1898.

### OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Boston, October 16, 1898.

Number of alien immigrants who arrived at this port during the week ended October 15, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
Oct. 9 Oct. 11 Oct. 12 Do Do Oct. 13 Do Oct. 14 Do Oct. 15 Do	Steamship Michigan	Port Morant, Jamaica. Yarmouth, Nova Scotia	1: 77 100 1: 97 24 16: 24 4:
Do Do	Steamship Sylvania Steamship Canada	Liverpool, Englanddo	61
	Total		1, 44

Report of immigration at New York for the week ended October 15, 1898.

#### OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of New York, October 17, 1898.

Number of alien immigrants who arrived at this port during the week ended October 15, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Wherefrom.	No. of immigrants
Oct. 9 Do Oct. 10 Oct. 12 Do Do Oct. 13 Oct. 14 Do Oct. 15 Do	Steamship Karamauia. Steamship Mongolian Steamship Westernland. Steamship Aller Steamship Burgundia. Steamship Trave. Steamship Karlsruhe. Steamship Germanic. Steamship Fürst Bismarck.	Havre Naples Glasgow Antwerp Genoa and Naples Naples Bremendo Liverpool and Queenstown Hamburg Rio de Janeiro	34 40 3 20 56 33 24 18 48 21:
Do	•	Southampton	

THOMAS FITCHIE, Commissioner.

Report of immigration at Philadelphia for the week ended October 15, 1898.

### OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Philadelphia, October 15, 1898.

Number of alien immigrants who arrived at this port during the week ended October 15, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
Oct. 10	Steamship Russia	Liverpool and Queenstown	
	Total		134

J. L. HUGHES,

Acting Commissioner.

QUABANTINE BEPORTS.

National quarantine and inspection stations. [Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of depar- ture.	Remarks,	Vessels inspected and passed.
Alexandria, VaBeaufort, N. C	Oct. 8 Oct. 15		1 :::					No transactionsdododo	
Brunswick, Ga	do	Am. sc. Mary E. Morse. (a) Port. bk. Maria	0 6 6 6 8		Brunswick, Ga.	Gibora, Cuba Brunswick, Ga. Disinfected and held	Oct. 13		
	•		Oct. 10		ф	Ponce, Puertodododododo	Oct. 14		
Cape Charles, Va	do		Oct. 9		Norfolk	New Orleans. Norfolk Inspected and held Oct.	Oct. 9	Refused pratique with-	
		Ger. ss. Crostia Oct.	Oct. 18	фо	Newport Newport	ор	Oct. 13	Refused quarantine	•
Cape Fear, N. C	qo	Dutch bkt. Fox- Oct.	0ct. 4	呂	rton,	Disinfected and passed Oct.	Oct. 11	•••••••••••••••••••••••••••••••••••••••	∞
		Br. 88. Dorset (a) Oct.	Oct. 7	Mex. Vera Cruz via. Tampico, Habana,		dodododo	Oct. 18	5 cases remittent fever	•
Delaware Breakwater	do			:					_
Quarantine, Del. Eureka, Cal	Oct. 8							No transactions	•
Gulf Quarantine, Ship Island, Mise.	do	Am. sc. Alciope (a) Sept. 24	Sept. 24	<del></del>	Biloxi	New Orleans. Biloxi Disinfected and held	Oct. 4	1 case yellow fever at port of departure and	-
		Am. sc. Ruby (a) Sept. 25	Sept. 25	do		Florella	Oct. 2	in quarantine.	
		Am. sc. Excel (a) Am. sc. Kans- whs. (a)	do	Santiago de Cuba.	Mobile	Mobile	op	-	
		Nor. ss. Helios (a) Sept. 26	Sept. 26	Progreso	фо	dodo	Oct. 3	in quarantine.	•
		Am. sc. Malvina	Sept. 27		Pascagoula	New Orleans Pascagouladodo	do	in quarantine.	•
		Am. so. E. T. C. Gaspard. (a)	do	ф	фо	dododododo	фо		•

Am. sc. M. Fle-	do	M. Fle-  do do  Scranton	Scranton	do	- -	_	_
chos. (a)	,			***************************************			•••••••••••••
Am. Sc. Muscat &	qo	Habana	Mobile	фо	do		***************************************
Am. sc. Kate S. Flint. (a)	do	. Colon	Ship Island	do	. Oct. 4	1 death from chagres	•••••
Am. sc. J. B.	ф		New Orleans Handsboro	ф	do	cases in quarantine	
Am. so. Seven	Sept. 28		dodo	do	фф		
Nor. bk. Louise(a) Br. so. H. R. Ho.	op O	Rio Parahuha do			. Oct. 7		
man. (a)			T macago ma	····· Op			•
Am. 8c. W. H. Remey	Oct. 2	Scranton	фо	qo	`	000000000000000000000000000000000000000	
Nor. bk. Argen-	do	Rio	Ship Island	Held for disinfection			
Am. sc. W. J.	do		New Orleans. Rotten Bayou	Disinfected and held	Oct. 8		
Am. sc. J. J. Clarke Am. sc. F. T. Nich-	Oct. 8	do	Wolf River	dodo	do		
olls. Am. sc. J. J. Cor-	do	do	PassChristian				
Am. sc. Wm. Mar-		do	Vancleave		9 de 190		
Am. 8c. St. Bar-	do	do	Scranton.		3 8		•
eo. M. Gari-	Oct. 3	New Orleans		op	, 2		
Am. sc. Winnie	qo	фо	Biloxi	ф	do		
Am. 8c. Clotilde	Oct. 4	do	Bay St. Louis.	ор	op		
80. Myra B.	do	Tampico	Ship Island	ор			
	qo	do New Orleans	Kiln	ор			
Am. 80. J. Wago	Oct. 5	op	Wolf River				
Am. sc. Rita Cue Am. sc. Elizabeth	Oct. 6	dodo	Mobile	ф			
Am.sc. J. McCaff.	do	do	Loraine				
Am. sc. James H. Dudley.	Oct. 7	Vera Cruzvia Laguna and	Pascagoula				
•		Celestum.					

delestum. | | a Previously reported.

QUABANTINE BEPOBLE-Continued.

National quarantine and inspection stations—Continued.

Vessels inspected and passed.		16	80	64		•••••••••••••••••••••••••••••••••••••••					
Remarks.			tine.  U. S. transport disin-feeded at request of	Put in for repairs, awaiting orders.		•••••••••••••••••••••••••••••••••••••••		Without pratique, at master's request.			
Date of depar- ture.			Oct. 4	Oct. 8			Sept. 29	Sept. 28			Oct. 2
Treatment of vessel, passengers, and cargo.	Disinfected and helddo	Edwards.  Nor. bt. Athene do Bahiadododo	Manila San Francisco Disinfected and released	Paramaribo Philadelphia.	Habana Key West Disinfected	Key West Apalachicolado	op	Mobiledo	op.	Held for disinfection	Puerto Piata. Apalachitoola. Marell Rey West Disinfected. Oct. 2 Habana.
Destination.		do	San Francisco	Paramaribo Philadelphia	Key West	Apalachicola.	Key West	Mobile	фф	Mobile	Apalachicola. Key Westdo
Port of departure.	Vers Cruz Pascagouls	Bahiadodo	Manila.	Paramaribo	Habana	Key West	Habana	Mareil	Habana	Habana	Puerto Plata Mareil Habana
Date of arrival.	Oct. 7 Oct. 8	do	Oot. 4	0ot. 8 0ot. 4	Sept. 12	Sept. 20	Sept. 22	Sept. 23 Sept. 24	Sept. 25	Sept. 29	Sept. 30 Sept. 24 Sept. 26
Name of vessel.	Am. sc. Millie Williams. Am. sc. Lewis A.	Edwards. Nor. bk. Athene	Am. ss. Senstor	Am. ss. Ohio Am. brig. Atlanta		Am. sc. R. D. Spear. (a)	Am. sc. Holly- hock. (a)	Nor. ss. Utstein (a) Am. sc. Kate (a)	Am. sc. Mary E. Rigge. Sp. sloop Neptu-	Am. brig. Pedro	City. Am. sc. E.I.White Am. sc. Kate (a) Am. sc. Mary E. Riggs. (a)
Week ended.	Oct. 8	Oct. 15 Oct. 8 Oct. 15	Oct. 8	фо	0et. 1						Oct. 8
Name of station.	Gulf ;Quarautine, Ship Island, Miss.	Newbern, N. C	San Diego, Cal	South Atlantic Quaran- tine, Black beard	arantine,						

		Sp. sloop Neptu-	Sept. 27	Guanaja	Key West	», sloop Neptu- Sept. 27   Guanaja  Key West  Disinfected	Oct. 2		
		Am. brig. Pedro(a) Am. sc. I sland	Sept. 29	Habana	Mobile Key West	no. (4). Pedro(a) Sopt. 29 Habana Mobile Held for disinfection Oct. 4	Oct. 4		• • • • • • • • • • • • • • • • • • • •
		Am. 8c. E. I.	Sept. 30	Puerto Plata	Apalachicola	ity. (a)  Bept. 30   Puerto Plata., Apalachicola.,do	0ct. 6	9	•
Washington, N. C Oct. 15	Oct. 18	<b>*</b>				пие. (а)	• • • • • • • • • • • • • • • • • • • •	No transactions	•

a Previously reported.

QUABANTINE BROBTS—Continued.

State and municipal quarantine stations.
[Vessels named only when detailed or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel. arrival.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of depar- ture.	Benarks.	Vessels inspected and passed.
Anclote, Fla. Oct. 15 Battimore, Md						No report.		No report.	
Boston, Mass						18		do.	<b>36</b>
Charleston, S. C. 60t. 18 Charleston, S. C. 60t. 18 Charlotte Harbor, Fla. 60t. 18 Galveston, Tex. 60t. 10 delveston, Tex. 60t.	Oct. 15 Oct. 15 do.					No report.		No report.	8
Key West, Monroe Co.,do						9		40	20
Los Angeles, Cal						No transactions   No transac		No transactions No report  dodo	
Newport, B. I						No report		No report	•
St. Helena Entrance, S.C., Oct., 15 San Pedro, Cal Oct., 15 Savannah, Ga			Oct. 8 Sept. 25	Bahis via Bar-Bavannah Bantiago de Port Tampa Cuba.	de Port Tampa	Held for discharge of ballast. Disinfected and held.	Oct. 2	No report. No transactions	9 71

a Previously reported.

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

California—Los Angeles.—Month of September, 1898. Estimated population, 103,000. Total number of deaths, 113, including diphtheria, 1; enteric fever, 6; whooping cough, 1, and 14 from phthisis pulmonalis.

Oakland.—Month of September, 1898. Estimated population, 75,000. Total number of deaths, 67, including diphtheria, 1; enteric fever, 1, and 9 from phthisis pulmonalis.

Sacramento.—Month of September, 1898. Estimated population, 30,000. Total number of deaths, 31, including enteric fever, 1, and 6 from phthisis pulmonalis.

CONNECTICUT.—Reports to the State board of health for the month of September, 1898, from 168 cities and towns having an aggregate population of 893,060, show a total of 1,351 deaths, including diphtheria, 12; enteric fever, 28; measles, 1; whooping cough, 19, and 104 from phthisis pulmonalis.

ILLINOIS—Chicago.—Month of September, 1898. Estimated population, 1,750,000. Total number of deaths, 1,780, including diphtheria, 52; enteric fever, 65; measles, 1; whooping cough, 18, and 182 from phthisis pulmonalis.

Iowa—Davenport.—Month of September, 1898. Estimated population, 36,000. Total number of deaths, 34.

Dubuque.—Month of September, 1898. Estimated population, 45,000. Total number of deaths, 29, including diphtheria, 1, and 4 from phthisis pulmonalis.

MAINE—Portland.—Four weeks ended October 1, 1898. Estimated population, 41,500. Total number of deaths, 83, including diphtheria, 2; enteric fever, 8; whooping cough, 2, and 6 from phthisis pulmonalis.

MASSACHUSETTS—Brockton.—Month of September, 1898. Estimated population, 35,853. Total number of deaths, 43, including phthisis pulmonalis, 8.

Fitchburg.—Month of September, 1898. Estimated population, 28,392. Total number of deaths, 36.

MINNESOTA—Minneapolis.—Month of September, 1898. Estimated population, 192,833. Total number of deaths, 175, including diphtheria, 2; enteric fever, 16, and 23 from phthisis pulmonalis.

NEW HAMPSHIRE—Manchester.—Month of September, 1898. Estimated population, 60,000. Total number of deaths, 109, including diphtheria, 3; enteric fever, 2, and 3 from phthisis pulmonalis.

NEW YORK—Buffalo.—Month of September, 1898. Estimated population, 370,000. Total number of deaths, 396, including diphtheria, 4; enteric fever, 10; whooping cough, 8, and 20 from phthisis pulmonalis.

NORTH CAROLINA.—Reports to the State board of health from 24 towns having an aggregate population of 155,308; white, 88,649; colored, 66,660; show a total of 241 deaths, including enteric fever, 22; measles, 1, and 14 from phthisis pulmonalis.

OHIO—Cincinnati.—Month of September, 1898. Estimated population, 405,000. Total number of deaths, 391, including diphtheria, 3; enteric fever, 7; measles, 2; whooping cough, 1, and 41 from phthisis pulmonalis.

Columbus.—Month of September, 1898. Estimated population, 135,000. Total number of deaths, 86, including diphtheria, 1; enteric fever, 6, and 16 from phthisis pulmonalis.

PENNSYLVANIA—Meadville.—Month of September, 1898. Estimated population, 12,000. Total number of deaths, 5, including 2 from phthisis pulmonalis.

TENNESSEE—Nashville.—Month of September, 1898. Estimated population, 87,754; white, 54,595; colored, 83,159. Total number of deaths, 138; white, 71; colored, 67; including diphtheria, 2; enteric fever, 3; whooping cough, 1, and 14 from phthisis pulmonalis.

VERMONT—Burlington.—Month of May, 1898. Estimated population, 15,000. Total number of deaths, 21, including 1 from phthisis pulmonalis.

Month of June. Total number of deaths, 21, including 2 from phthisis pulmonalis.

Month of July. Total number of deaths, 23, including 2 from phthisis pulmonalis.

Month of August. Total number of deaths, 21.

Washington—Seattle.—Month of September, 1898. Estimated population, 70,000. Total number of deaths, 59; including diphtheria, 3; enteric fever, 7, and 3 from phthisis pulmonalis.

### MORTALITY TABLE, CITIES OF THE UNITED STATES.

			S S					Dea	ths	fron	<b>1</b> —			
Cities.	Week ended.	Population, U. Census of 1890.	Total deaths from	Phthisis pul-	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Entericfever.	Scarletfever.	Diphtheria.	Measles.	Whooping
Allegheny, Pa	Oct. 15		19	<b> </b>										
Bennington, Vt Do	Oct. 8	6, 391 6, 391	3 3	i					<u> </u>					
Binghamton, N. Y	do	85,005		4				.	.		1			
Boston, Mass Bristol, R. I	Oct. 8		210	22				·[·····	· ····	. 7	2	5	1	j 2
Do	Oct. 8 Oct. 15	5, 478 5, 478	1 1		1					• • • • • • • • • • • • • • • • • • • •				
Brockton, Mass	Oct. 8	27, 294	14	1						. 1		. 1		
Cambridge, Mass Charleston, S. C	Oct. 15	} 70,028	b 45	2 3						4	· ····	·	·}	•
Chicago, Ill	Oct. 15	a 54, 955 1, 099, 850	355	43						13	ï	8	2	2
Cincinnati, Ohio	Oct. 14	296, 908		10					ļ	8		.	.	
Dayton, Ohio Detroit, Mich	Oct. 15	61, 220 205, 876	22	2 3						1 5	1	1 2	•••••	·
Dubois, Pa	Oct. 8	6, 149	2											
Erie, Pa	Oct. 15	40,634	12	<u>-</u>			.				.	·		
Fall River, Mass Flint, Mich	do	74, 398 9, 803	32	5	·····	·				1 1		·	·	·
Green Bay, Wis Hoboken, N. J	Oct. 8	9,069	5	2										
Hoboken, N. J	Oct. 15	43, 648	19	6		.	.		ļ	ļ <u>.</u>		·		
Johnstown, Pa Lancaster, Pa	do	21,805 32,011	7	••••		·	· ·····	ļ				1	ļ	·····
Lowell, Mass	do	77, 696	46	4	*****									2
Lynchburg, Va	do	19,709	8	2	•••••		.		ļ	ļ				
Massillon, Ohio Medford, Mass	do	10,092	4	1	•••••	ļ		•••••	ļ				ļ	
Minneanolis Minn	ď	11,079 164,738	38	3	•••••					8		2		
Nashville, Tenn	do	76, 168	29	1		ļ			ļ			3		
Nashville, Tenn New Bedford, Mass Newport, R. I New York, N. Y Norristown, Pa	do	40,783	12 7	2					ļ	·		1	•••••	ļ
New York, N. Y	do	19, 457 c3, 438, 899	1,140	133					•••••	25	4	18		8
Norristown, Pa	do	19,791	3		•••••	l								
NOTHI AUBILIS, MASS,		10, 0/4	5	1						1		1		
Oakland, Cal Do	Sept. 17	46, 682 46, 682	18 11							•••••	•••••	1	•••••	•••••
Do	Oct. 1	46, 682	16	1										•••••
Do	Oct. 8	46, 682	20	2										•••••
Omaha, Nebr Oneonta, N. Y	Oct 15	140, 452 6, 272	27						•••••	•••••		•••••	•••••	•••••
Orange, N. J	do	18,844	1				ll					1		
Philadelphia, Pa		1,046,964	831							11	1	21		7
Plainfield, N. J	do	17, 281 11, 267	6	i i					•••••			1	•••••	•••••
Pottstown, Pa Providence, R. I	Oct. 14	18, 284	3							1				•••••
Providence, R. I	Oct. 15	132, 146	50	3 .					•••••			2		3
	Oct. 8	44, 848 16, 159	13 1	·····  ·						•••••	•••••	•••••	•••••	•••••
Santa Barbara, Cal	do	5, 864	4											•••••
eranton, Pa	Oct. 15	75, 215	28	1.										
	do Oct. 8	11,979 19,922	5									····· ·		•••••
Caunton, Mass	Oct. 15	25, 448	15	- 1.										•••••
Valtham, Mass	dc	18,707	6 .											•••••
	do Oct. 8	61, 431 18, 208	23	4 .						1				•••••
	Oct. 14	84, 655	32											•••••
	Oct. 15	33, 220	6	1						1		- 1.		

a Estimated population, 65,165—white, 28,870; colored, 86,295.

b White, 14; colored, 31.

# Tuble of temperature and rainfall, week ended Octbober 10, 1898. [Received from Department of Agriculture, Weather Bureau.]

Locality.	Temp	erature ir Fahrenhe		Rainfa	ll in inche dredth	s and hun- s.
	Normal.	aExcess.	aDefic'ncy.	Normal.	Excess.	Deficiency
Atlantic Coast:						
Eastport, Me	50	1		. 86		48
Portland, Me	53	2		.84		
Northfield, Vt	49	8		.50		
Boston, Mass	50	6		.94	.59	••••••
Vineyard Haven, Mass	57	5		.91	.00	***************************************
Nantucket, Mass	56	5		.88	40	28
Woods Hole, Mass	56 56	3		.84	.42	***************************************
Block Island, R. I		4	•••••	.94	.11	***************************************
New Haven, ConnAlbany, N. Y	54	6		. 91	.06	•••••
Now York N V	58	7 6		.77	.38	••••••
New York, N. Y	56	10		.79 .71	:00	***************************************
Harrisburg, Pa	59	10	••••••	.66		
Philadelphia, Pa New Brunswick, N. J Atlantic City, N. J	56	10		.82		
Atlantic City N J	59	7	***************************************	.76		
Baltimore, Md	δυ	ģ		72		
Washington D C	59	10		.70		.54
Washington, D. C Lynchburg, Va	61	ii		.77	.82	
Cape Henry, Va	65	8		.86	.61	***************************************
Norfolk, Va	64	ğ		. 91	. 39	***************************************
Charlotte, N. C	64	ğ		.84	. 95	**********
Raleigh, N. C.	61	13		1.08		. 45
Kittynawk, N. C	67	8				
Hatteras, N. C	67	ğ		1.46		
Hatteras, N. CWilmington, N. C	66	8		1.07		.67
Columbia, S. C	67			. 57		
Charleston, S. C	70	8		1.09		.21
Augusta, Ga	68	9		.56		.23
Savannah, Ga	70	9		.96		.91
Jacksonville, Fla	73	7		1.80	•••••	.95
Jupiter, Fla	78	3		2.47	•••••	1.48
Key West, Fla	80	0		1.49	. 14	
Gulf States:						
Atlanta, Ga	66	8	•••••	. 51	2.09	
Tampa, Fia	75	5		.70		.50
Pensacola, Fla	72	7		.79	•••••	.14
Mobile, Ala	71	9	•••••	. 83		.59
Montgomery, Ala	69	. 9	•	.58	1.39	•••••
Vicksburg, Miss	68	10		.46		
New Orleans, La	78	_8	•••••	.73	•••••	.70
Shreveport, La	69	10		.68	•••••	.62
Fort Smith, Ark	65		••••••	.66		•••••
Little Rock, Ark	66 70		••••••	.51	••••••	.06
Palestine, Tex	75		•••••		••••••	1.06
Galveston, Tex	73	6 9	••••••	1.07 .45	•••••	.45
San Antonio, Tex	75	5		.61	••••••	.25
Corpus Christi, Tex			••••••	.01	••••••	.20
Ohio Valley and Tennessee: Memphis, Tenn	65	12		.57		.12
Nashville, Tenn	63		••••••	.60	. 15	
Chattanooga, Tenn	64		•••••••	.65	1.34	
Khovville Tenn	61		••••••••••••	. 62	.84	***************************************
Kñoxville, Tenn Louisville, Ky	61	19	••••••	.57		. 18
Indianapolis, Ind	58			.61	.14	
Cincinnati, Ohio	59			. 49		.17
Columbus, Ohio	58			.56	.09	
Parkersburg, W. Va	54			.70	. 18	••••••
Pittsburg, Pa	58	8		.56		. 39
Lake Region:						
Oswego, N. Y	53	6		.70		.22
Rochester, N. Y	- 53	8		.63		. 20
Rochester, N. Y Buffalo, N. Y	58	7		.84	.44	•••••
Erie, Pa	55	6		.91		. 29
Cleveland Ohio	55			.68	1.53	•••••
Sandusky, Ohio	57	5 5		.63	1.71	
Toledo, Ohio	56	5		. 55		.06
Sandusky, Ohio Toledo, Ohio Detroit, Mich	54	6		.56	.12	
Lansing, Mich	54	2		.63		.02
Port Huron, Mich	52	7				.50
Alpens, Mich	48	4		.91		.81
Sault Ste. Marie, Mich	45	4		.86 .79		.86
Marquette, Mich	49	0		.79		.72
Green Bay, Wis	50	4 3		.62		.62
(310011 Day), 11 Ibilitini				.77		.08
Grand Haven, Mich	53			* 4.5 1		A#
Grand Haven, Mich	53	4		.56 .		.05
Grand Haven, Mich				.56 .70 .66	.92	.05 .47

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

# Table of temperature and rainfall, week ended October 10, 1898—Continued.

Locality.	Temp	erature in Fahrenhe	degrees eit.	Rainfal	l in inche dredth	s and hun-
	Normal.	a Excess.	aDefic'ncy.	Normal.	Excess.	Deficiency
Jpper Mississippi Valley:						
St. Paul, Minn	51	0	l	.51	1.54	
La Crosse, Wis	53	2		.61	2.02	.1
Dubuque, Iowa	55	3		. 67		.3
Davenport, Iowa	56	4		. 63		i
Des Moines, Iowa	57	0		.70		
Keokuk, lowa	58	4		.66		
Hannibal, Mo	59	7		. 63	<b></b>	
Springfield, Ill		5		. 63		
Cairo, Ill	62	11		.56	•••••	.5
St. Louis, Mo	61			.66		•••••
lissouri Vailey:			1	. 33		l
Columbia, Mo		6	•••••	.69	.02	
Springfield, Mo		10	•••••	.77	•••••	.6
Kansas City, Mo	60 60	3		.49		
Topeka, Kans	60	8	••••••	.44	.93 .62	***************************************
Concordia, Kans	58	7 2		.40	.40	
Lincoln, Nebr	58	2	3	. 42	.20	
Omaha, Nebr	57	•••••	2	.63	.26	
Sioux City, Iowa	53		3	. 42	.41	
Yankton, S. Dak	55		3	.41	• • • •	.1
Valentine, Nebr	53		4	. 21		.2
Huron, S. Dak	51		5	. 32		.2
Pierre, S. Dak	52	•••••	3	. 14		.1
Moorhead, Minn	48		Š	.49		.4
Bismarck, N. Dak	48		6	.28	. 56	
Williston, N. Dak	48		12	. 21	. 24	
ocky Mountain Region:			1			I
Havre, Mont	48	l	20	.14		.1
Helens, Mont	48		8	.21		.2
Miles City, Mont	50		7	. 21	.05	
Rapid City, S. Dak	52		7	. 16	•••••	-1
Spokane, Wash	52			. 35		•••••
Wallawalla, Wash	58		9	. 31	.00	••••••
Baker City, Oreg	52		8	. 24	•••••	0.0
Winnemucca, Nev	52		7	·07 ·21	•••••	9.
Idaho Falls, Idaho	49		6	.35	••••••	.2
Salt Lake City, Utah	56	•••••	7 7	.20	•••••	1
Lander, Wyo	47	•••••	7 1	.21	.23	.2
Cheyenne, Wyo	49		4	.23	••••••	.2
North Platte, Nebr	54	•••••	4	.21	••••••	
Denver, Colo	55		4 2	.14	••••••	:1
Pueblo, Colo	55	•••••	2	.28	1.01	
Objective, Kans	60 65	••••••••••	- 1	.44	1.48	
Dodge City, Kans Oklahoma, Okla Amarillo, Tex	60	8 7		.39		.1
Abilene, Tex	57	10		.56		.5
Santa Fe, N. Mex	54	5		.25	. 29	
El Paso, Tex	66	8		.21		.2
Phœnix, Ariz	78	ŏ		.14	••••••	.1
cific Coast:						
Seattle, Wash	53		1 1	.70		.5
Tacoma, Wash	52		2	.83	• • • • • • • • • • • • • • • • • • • •	.7
Fort Canby, Wash	54	1		1.05		.4
Portland, Oreg	56		2	.76		.6
Roseburg, Oreg	55			.56	•••••	•••••
Eureka, Cal	53			.50		
Redbluff, Cal	67		7	.27	•••••	.2
Carson City, Nev	58	•••••	. 5	.07	•••••	.0
Sacramento, Cal	65		6	. 15		. 1
San Francisco, Cal	60		2	.21	.24	0.
Fresno, Cal	69		8	.88		.1
Los Angeles, Cal	64		1	.14		.0
San Diego, Cal	64	•••••	2 1	.05		.0
	68		1 1			
San Luis Obispo, Cal Yuma, Ariz	76	1		.07	1	

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

# FOREIGN.

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

Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to October 21, 1898.

CHOLERA.

Places.	Date.	Cases.	Deaths	Remarks.
China:		_		
Hongkong	Apr. 24-Apr. 30	. 5	8	
India:	Nov. 24-Nov. 30	1	1 4	1
Bombay	Dec. 1-Mar. 1			
	Mar. 2-Mar. 29			
	Mar. 30-May 24		16	
	June 1-June 7		1	
	June 20-June 28		. 2	
	July 5-July 12		8	
	July 19-July 26		4	
Calcutta	July 26-Aug. 80 Nov. 14-Dec. 4	***************************************	42	
OBIC 11 10 10 10 10 10 10 10 10 10 10 10 10	Nov. 14-Dec. 4 Dec. 5-Jan. 1 Jan. 2-Jan. 29 Jan. 30-Feb. 26 Feb. 27-Mar. 26 Mar. 27-June 11 June 25-July 16 July 31-Aug. 20 Aug. 27-Sept. 3	***********	81	
	Jan. 2-Jan. 29		28	
	Jan. 30-Feb. 26		82	
	Feb. 27-Mar.26		95	
	Mar. 27-June 11		271	
	June 25-July 16		17	
	July 16-July 80		10	
	July 31-Aug. 20	*******	10	
Madras	Aug. 27-Sept. 8 Nov. 20-Dec. 10	***************************************	8	i '
	Dec. 4-Dec. 81		11	
	Jan. 1-Jan. 28		45	
	Jan. 29-June 10		48	
	May 28-June 8		1	
	July 9-July 22 July 22-July 29		48	
	July 22-July 29		36 38	
	July 30-Aug. 5 Aug. 6-Aug. 12	······	71	Cholers reported epidemic.
Singapore	Nov. 1-Nov. 30		'i	Cholers reported epidemic.
Old a bolo	Dec. 1-Dec. 31		î	
	Mar. 1-Mar. 31		ī	
apan :		1		
Awomori Ken	Aug. 17-Sept. 11	1		
Fukuoka Ken Fukushima Ken	June 27-July 27	1 3		
Hiogo	Aug. 17-Sept. 11	î	2 1	
Ishikawa Ken	May 19-June 5	3	2	
Kanagawa Ken	June 27-July 27 Mar. 24-June 26	15	7	
_	Aug. 17-Sept. 11	4	3	
Okayama	Apr. 29-May 19	1		
Osaka and Hiogo	Mar. 26-June 11	4	2	
İ	May 21-May 28	1		
Tokyo Fu	July 16-Sept. 3 Apr. 11-June 15	7 14	4	
	July 28-Sept. 11	25	19	
Yamagata Ken	June 27-July 27	1		
Yokohama	Apr. 15-Apr. 29		1	
traits Settlements:			_	
Singapore	June 1-June 30	••••••	ı	
	YELLOW	FEVE	cr.	
Brazil : Araraguara	Mar. 1-Mar. 31	4	8	
	Apr. 1-May 31	125	57	
Bahia	Dec. 27	3	2	
	Dec. 29	6		Taken off of Nor.bk. Adonis.
	May 2-June 7 Nov. 1-Nov. 80	6	8	
Ceara	Nov. 1-Nov. 80		1	
Descalvado	May 1-May 31	2	.1	
Tabaticahal				
Jaboticabal	Mar. 1-Mar. 31 Dec. 12-Jan. 1	35	16 24	

# YELLOW FEVER-Continued.

Places.	Date	•	Cases.	Deaths.	Remarks.
Brazil-Continued.	İ		į		
Para	Jan. 16-F			30	
Ribeirao Bonito	June 1-Ju Feb. 1-M Apr. 1-Ap	ar. 31	. 99	22	
Rio Clara	Mar. 1-M	ar. 31	.] 9	4	
Rio de Janeiro	Apr. 1-Ma Nov. 21-De	80. 4	1 8		
	Dec. 5-Ja Jan. 1-Ja Jan. 30-Ju	n. 29	. 22	17	
	Jan. 30-Ju July 30-Au	ly 29 o. 19	40	990	
Sao Carlos de Pinhal	Feb. 28-M	ir. 31	228	58	Yellowfeverreported.
	Apr. 1-Ma May 24	•••••			
Santos	Jan. 2-Ja Jan. 23-Ja	n. 8	. 1	_	
	Jar. 20-Re	h 28	. 21	8	
	Mar. 1-Ma Apr. 1-Ap May 3-Ma	ar. 81	32 103		
	May 3-Ma	y 24	159	97	In isolation hospital.   84 deaths in isolation hospital.
See Penle	Linne 4-Ju	ne 18	. 44	43	
Sao Paulo Taboticabal	Feb. 1-Ms Apr. 1-Apr May 1-Ms	r. 30	106		`
Tahir	May 1-Ma	у 31	. 8		
Victoria Colombia:	Apr. 29-Ma	y 18	. 8	2	
Cartagena		ne 80		. 1	
Colon	July 1-Ju June 6-Ju	ly 30 ne 22	5		Sporadic cases of yellow fever
Costa Rica:			1		occurfrom time to time.
Limon	June 14-Au	g. 19		. 8	
	Aug. 16-Au	g. 24		. 2	1
Cuba:	Aug. 25-Sep		1	1	
Cienfuegos	Dec. 20-Jan Jan. 3-Jan Sept. 1-Sep Dec. 17-Dec	a. 2		. 2	No reports received since hostil-
Gibara	Jan. 3-Jai Sept. 1-Sep	1. 23 t. 15	4	1 0	ities with Spain began.
Habana	Dec. 17-De	c. 30		ě	Do.
	Dec. 31-Jan Jan. 28-Fe	1. 27		9	
	Mar. 4-Ma	r. 31	**********	. 4	
	Sept. 16-Oct	6	•••••	29 28	ar
Manzanillo	Dec. 1-Dec Jan. 1-Jan Feb. 14-Fel	1. 31	***********	28	No reports received since hostilf- ties with Spain began.
	Feb. 14-Fel	b. 28		8	_
Matanzas	Dec. 15-Jar Feb. 9-Feb	23		4 2	Do.
Regla	Dec. 31-Feb	28		7	Do.
Sagua la Grande	Mar. 1-Mar Dec. 18-Jan	20	••••••	2	A few cases of yellow fever, but
_					impossible to obtain statistics. No reports received since hostilities with Spain began.
Sautiago de Cuba	Dec. 19-Jan July 20-Aug	1. 29 z. 2	· · · · · · · · · · · · · · · · · · ·	6	Yellow fever reported.
<b>~</b>	Aug. 18		1		
Siboney Jamaica:	July 10	•••••	14	**********	
Kingston	Dec. 19-Jan Jan. 2-Jan	. 1	1 2	1	
·	Feb. 5-Feb	19	2	2 1	
	Aug. 10			1	From steamer Darien.
St. Andrew	Dec. 19-Jan. Feb. 27-Mar	5	1	1	
St. Catherine	Dec. 19-Jan.	1	ī		
St. Elizabeth Mexico:	Dec. 19-Jan	1	1	1	
Monterey	Aug. 2				Yellow fever reported.
Tampico	July 17-July	24	15	7 9	
	July 24-July Aug. 1-Sept	. 4 .			Reported epidemic August 6.
Warra Come	Sept. 5-Oct.	2		61	
ļ	July 9 Aug. 14–Sept	. 15		23	l case reported.
Santo Domingo: Santo Domingo	Sept. 22-Oct. May 7-May		1	16	

### YELLOW FEVER—Continued.

Places.		Date.		Cases.	Deaths	Remarks.
San Salvador	July	2 10-Aug.	•••••	. 5	2	
West Indies: Curacoa	1	4		1	1	
Yucatan : Merida	July	8	•••••			Yellow fever reported.
		1	PLA	GUE.		
Arabia :	July	28		1	1	Patient removed from steamship
Djiddah Nuslah	Mar.	22-Apr. 1-Mar.	16		. 84	Carthage from Bombay.
China:	I	11		1		Plague reported. June 14, 2
						deaths a day. Under date of June 14, the United States consul reports that in Amoy and three adjacent cities the deaths amount to "not less than 100 daily."
Canton Hongkong	Nov. Dec. Jan.	22-Apr. 7-Nov. 18-Jan. 2-Jan. 30-Feb.	20 1 29	2 2	2 2 5 56	
	Apr. June June June	30-Feb. 27-Apr. 30-May 1-June 4-June 26-July 7-Aug.	30 28 14 25	596 518 131	529 448 91 134 17	
Swatow	Mar. Apr.	25 9 23			••••••	Do. Do.
Shanghai Egypt: Suez		5		1		
India : Bombay	Dec. Feb. Mar. Mar. June	24-Nov. 3 1-Feb. 9-Mar. 2-Mar. 2 30-May 1 1-June 2	8 1 29 17	•••••••••	4,833 3,436 4,579 2,731 94	
Calcutta		5-July 2 27-Aug. 8 25-May	- 1		122 467 12	Plague reported. "Sporadic." May 28.
apan:		25-July 3 31-Sept.	- 1		27 1	In averentine on steemakin Born
Hiogo	May Dec.	19–June 21–May 2 28–Apr. 2 29–June 1	8	505 2,338	1 84	In quarantine on steamship Peru.
Yokohama Nagasaki	Mar. June	1-Apr. 1 6-June 1	1 5	2 1	1	In quarantine steamship Hikozan Maru.
Karachi Lussia : St. Petersburg	-	6-Apr. 1		51	31 1	
Ow I GACISDATE	Aug.	20-Apr. 13			i	

#### SMALLPOX.

	<del></del>	,	<u> </u>	- <del>,</del>
Places.	Date.	Cases.	Deaths.	Remarks.
A frien .			1	
Africa: Cape Colony	Sept. 3	l		Smallpox reported.
Natal				Do.
Pretria	Sept. 3			Do.
Australia:				
_ Sydney	June 1-June 30	1		<b>⊶</b> İ
Belgium :	135 435 -		l	
Antwerp	May 1-May 7		2	••
	June 4-June 11 July 31-Aug. 6			
	Aug. 13-Aug. 20	. =		
Brussels	June 4-June 11			
Ghent	. May 7-May 14		. 1	
	July 9-July 30		. 4	
	Sept. 10-Sept. 17		.] 1	
Liege	.  July 23-July 30		. 1	
Dohamia .	Aug. 13		. 1	
Bohemia:	Dog 10 Tem 1	11		
Prague	Dec. 12-Jan. 1 Jan. 2-May 14	151		•
	June 11-June 18	5		•
Brazil:	Jame II Jame 10	Ŭ		1
Bahia	June 11-June 25	17		
	Aug. 28-Sept. 24	116	17	1
Ceara	Mar. 1-Mar. 31		10	
Montevideo	May 14-May 21	1		•
Pernambuco	Dec. 1-Dec. 25	••••••	8	
Rio de Janeiro	Apr. 15-Apr. 23	10	i	
	Nov. 21-Dec. 4 Dec. 5-Jan. 1	- 19	1	1
	Jan. I-Apr 8	2	l î	1
	Jan. l-Apr. 8 July 1-July 29	11	ļ <u> </u>	ł
Sao Paulo	.  Feb 1-July 29	40	18	
Sorocaba	Dec. 16-Jan. 30	82	10	İ
British Columbia:				
Vancouver Victoria	June 14	9	••••••	
Canada:	May 9	1		
Halifax	May 14-May 28	6		
Maissonneuve	May 14-May 28 Jan. 26-Feb. 16	8		
Montreal	Jan. 3-Jan. 12	3	0	
on .	Jan. 3-Jan. 12 Feb. 11-Feb. 16	1		
China:		_		
Hongkong	Nov. 7-Dec. 4	.6	4	
	Dec. 5-Jan. 1 Jan. 2-Apr. 30	11 194	8 113	
	May 1-May 14	101	4	
	May 28-June 18	3	Ž	
Cuba:	1			
Cardenas	Dec. 19-Jan. 22		5	
Clantones	Mar. 6-Mar. 27	••••••	8	
Clenfuegos	Dec. 20-Jan. 2 Jan. 3-Jan. 23	•••••	7 19	
	Feb. 7-Feb. 27	•••••	35	
	Feb. 28-Apr. 3		9	
Habana	Dec. 17-Apr. 7		154	
Gibara	Sept. 1-Sept. 15 Jan. 20-Feb. 23	65	10	
Matanzas	Jan. 20-Feb. 23	••••••	8	
Regla	Feb. 18-Apr. 7 Dec. 19-Jan. 29		3	
Sagua la Grande	Dec. 19-Jan. 29	233	29	
i	Jan. 30-Feb. 26 Feb. 27-Apr. 4	470 437	35 26	
England:	rob. 21-Apr. 4	10.	20	· Control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont
Bristol	Feb. 6-Feb. 19	1 .		
	July 16-July 23	1  .		
Leeds	Mar. 19-Apr. 9	6	4	
Liverpool	Jan. 15-Jan. 29	3 .	•••••	
London	Feb. 1-Apr. 2 Feb. 27-Mar. 26	6 .	••••••	
	June 4-June 25	i i	1	
	Aug. 21-Sept. 17	9.	1	
Middlesborough	Feb. 9	90 .		
Newcastle on Tyne	Mar. 19-June 18	18	2	
	June 25-July 2		1	
Southampton	Jan. 8-Feb. 12	<b>z</b>  -		D
1	June 18-June 25 Sept. 10-Sept. 17	2	8	Removed from vessels.
1	sept. 10-sept. 17	91.		Do.

#### SMALLPOX-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
England-Continued.				
South Shields	May 7-May 1 Dec. 18-Jan. Feb. 27-Mar. 2	4	1	•
Sunderland	. Dec. 18-Jan.	8	1	•
	June 11-June 1	6	1	1
West Hartlepool	Jan. 9-Jan. 2		5	1
France:	1		··········	1
Marseilles	May 1-May 3	1	1 1	
Nantes	July 1-July 8	1	1	
Paris	May 1-May 3 July 1-July 8 July 2-July	9	1	
0	July 31-Aug.	6	1	i
Germany: Bremen	Anr 22-May 1	، ا ،	.	
Hamburg	Apr. 23-May 1 Mar. 6-Mar. 1	2	2	·
	July 16-July 2	3		
ibraltar	Dec. 6-Dec. 1	2	i	
	Dec. 27-Apr.	Bl (	3	
m. ,	Sept. 12-Sept. 2	5 2	3	
Honduras :	l	- 1		
Tegucigalpa	July 9-July 2	3  2		
ndia: Bombay	Feb. 9-May 2	.	82	
DOMOS	June 20-Tune 2	3		
	June 20-June 20 July 5-July 1	2		
	Ang. 2-Ang-Si	) l		
Calcutta	Dec. 19-Dec. 2		. i	
	Jan. 20-May 2	I	56	
	June 4-June 11 June 25-July 16 Aug. 21-Aug. 27		2	
	June 25-July 16		. 5	
Wadna	Aug. 21-Aug. 27		. 1	
Madras	Nov. 27-Dec. 8	•	- 1	
i	Dec. 4-Dec. 81 Jan. 1-Jan. 28		. 8	
	Jan 20-Feb 4	••••	. 6	
	Jan. 29-Feb. 4 Feb. 5-Apr. 22 Apr. 30-May 20		66	
	Apr. 30-May 20		12	
	MAT VILMOT 97		21	•
	July 22-July 29		1	
	July 22-July 29 Aug. 6-Sept. 2 Mar. 1-Mar.31		. 4	_
Singapore	Mar. 1-Mar.31		. 1	•
aly: Messina	Dec 10 T 0	1	. 5	
21085III 8	Dec. 12-Jan. 8 Jan. 30-May 21			
apan :	Jan. OU-May 21			
Aichi Ken	Dec. 28-June 5	9	1	
i	June 27-July 27	4		
Akita Ken	Dec. 28-June 5	18	4	
	June 27-July 27	1 4	2	
A	Aug. 17-Sept. 11 Dec. 28-Aug. 16	53	16	
Awomori Ken	Dec. 28-Aug. 16	244	89	
Chiba Ken	Dec. 28-Apr. 10 June 27-July 27	9		
FORMOSS	Web 4-Mer 2	. 7	4	•
Fukui Ken	Dec. 28-Feb. 3. Mar. 24-June 5. Dec. 28-Aug. 16.	i	I	
Fukuoka Ken	Mar. 24-June 5.	6		•
Fukushima Ken	Dec. 28-Aug. 16.	151	39	
Guu Ken	Feb. 4-Feb. 22.	1		
Gumma Ken	Feb. 4-Feb. 22. Apr. 29-June 5.	1		
Hiogo	Apr. 29-June 5.	3		
Hiroshima Ken	June 27-July 27. Jan. 22-Feb. 3.	6 1	1	
Ishikawa Ken	Jan. 22-Feb. 8. Apr. 29-May 19.	. 2	•••••	
Wate Ken	Dec. 28-June 5.	47	10	
1.	June 27-July 27	. 4	2	
Kagoshima Ken	Feb. 4-Feb. 22. Dec. 28-Jan. 21. June 27-July 27.	. i		
Kanagawa Ken	Dec. 28-Jan. 21.	. 3		
Bawa Avii	inne 27Inly 27	. 1		
Pist T.	die ai-buly ai.	. 1		
K1010 Fu	Apr. 29-May 19.	··  🚦 1		
Kochi Ken	Apr. 29-May 19. Dec. 28-Jan. 21.	. 1		
Kloto Fu	Apr. 29-May 19. Dec. 28-Jan. 21. Dec. 17-July 27.	107	27	
Kloto Fu	Apr. 29-May 19. Dec. 28-Jan. 21. Dec. 17-July 27.	107	1	
Kioto Fu	Apr. 29-May 19. Dec. 28-Jan. 21. Dec. 17-July 27. Jan. 22-Feb. 3. Apr. 29-June 5.	107 3 96	27 1 7	
Kloto Fu	Apr. 29-May 19. Dec. 28-Jan. 21. Dec. 17-July 27.	. 107 . 107 . 96	1	

# ${\it Cholera, yellow fever, plague, smallpox, etc.} \hbox{--} {\it Continued.}$

#### SMALLPOX-Continued.

Places.	Date.	Cases.	Deaths	Remarks.
Japan—Continued.				
Nagasaki Ken	Jan. 22-Mar. 28		4 1	
110g abak 1 12011	Apr. 29-May 19	:  i	i	
Nara	. Apr. 29-May 19	. 1		
Niigata Ken	Jan. 22-Mar. 23 Apr. 29-May 19 Apr. 29-May 19 Mar. 4-Mar. 23	. 4		1
<del>-</del>	June 16-June 26	. 1	l	
Oita Ken	. July 28-Aug. 16 Feb. 4-Apr. 10	. 1	l	
Okayama Ken	. Feb. 4-Apr. 10	.  8	3   1	
	June 16-June 26	.  1		
Osaka Fu	. Dec. 28-June 5	. 4		.)
O	June 27-July 27	. 1		4
Oyama Ken Saitama Ken	Mar. 4-Mar. 23 Dec. 17-Dec. 27	. 1		
Shidzuoka Ken	. Dec. 17-Dec. 27	1 2		
Shiga Ken	Apr. 29-May 19	. 3		
Tochico Ken	May 19-June 26 Mar. 24-Apr. 10	ı		1
Tochigo Ken Tokyo Fu	Dec 28-Mar 29	. 6		i
202,0 2 4	Dec. 28-Mar. 23 June 16-July 27	ğ		
Tokushima Ken	Apr. 29-June 5	3		
Tottori	Apr. 29-June 5 June 6-June 15	ĭ		
Yamagata Ken	Jan. 22-Aug. 16	48		
	June 27-July 27	4		
	Jan. 22-Aug. 16 June 27-July 27 Aug. 17-Sept. 11	8		
Yamaguchi Ken	red. 4-Apr. 28	10		
Yamanashi Ken	Mar. 24-Apr. 28	5	1	
Wahima Wan	June 27-July 27 Dec. 17-Apr. 10	4		
Yehime Ken	Dec. 17-Apr. 10	59	18	
The Hokkaido	Apr. 29-June 26	12		
1 110 HUKKMIGU	Dec. 17-June 15	510		
lexico:	July 28-Aug. 16	8	2	
Nogales	May 19	1		
Torway:	May 13	4	***************************************	
Christiania	Mar 20-May 21	19	2	
	July 2-July 23	-9	1	
	Mar. 20-May 21 July 2-July 23 July 81-Aug. 18	4	I	
	Aug. 13-Aug. 20	ī	1	•
ova Scotia :	Aug. 20-Aug. 27	1		
Halifax	June 4-June 11	8		At quarantine hospital.
etherlands:	D . 10 D	_	1	
Amsterdam	Dec. 12-Dec. 24	1		
LEGOCOT CALL	Dec. 12-Dec. 31	8	1	
uesia :	Jan. 1-Jan. 29	1		
Moscow	Nov.28-Dec. 4	1	1	
	Dec. 5-Dec. 11	i	i	
	Jan. 1-May 14	63	17	
	May 21-May 28	4	17	`
	June 4-July 9	30	11	
	June 4-July 9 July 23-July 30	2	12	
	Aug. 27-Sent 10	5	ī	
Odessa	Dec. 5-Jan. 1	58	9	
	Jan. 2-Jan. 29 Jan. 30-July 3 July 23-Aug. 6	84	7	
1	Jan. 30-July 3		21	
ì	July 23-Aug. 6	7	2	
	Aug. 13-Sept. 24	. 14	1	
St. Petersburg	Dec. 4-Dec. 25	85	18	
	Jan. 9-Jan. 29	56	19	
	Jan. 9-Jan. 29 Jan. 30-July 30 Aug. 6-Aug. 27		80	
	Aug. 0-Aug. 2/	8	•••••	
Warsaw	Aug. 28-Sept. 3 Dec. 19-May 28	6	2	
	June 4-Tune 18	••••••	186 15	
	June 4-June 18 June 25-July 28	•••••	22	
	Aug. 1-Aug. 8		6	
ļ	Aug. 13-Aug. 20		8	
otland:	Sept. 3-Sept. 24		20	
	4 pr. 16-Apr. 30	2		
tlasgow	Apr. 16-Apr. 30 Dec. 5-Dec. 25	ន	1	
leith	Apr. 3-Apr. 30	2	i	
ain:	1	-	i	
orunna	Jan. 1-Feb. 5 Dec. 22-Dec. 28		2	
(adrid	Dec. 22-Dec. 28		1	
aits Settlements:	Feb. 8-Apr. 6		3	

October 21, 1898 1186

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

Places.	Date.	Савев.	Deaths.	Remarks.
Turkey: Constantinople Uruguay:	Jan. 10-Feb. 6 Feb. 28-May 8		53 94	
Montevideo,	Dec. 25-Mar. 19 May 1-May 7 June 19-June 26 July 9-July 16		1	
Venezuela: Caracas Puerto Cabello Valencia.	July 30-Aug. 6 June 7-July 25 Apr. 2-Apr. 11	1 23	6	More than 150 cases in the city. Smallpox increasing, June 7, 1898 July 23, about 1.000 cases.
Wales: Cardiff	Apr. 2-Apr. 11 To Aug. 21 Dec. 18-Dec. 24		600	July 28, about 1,000 cases.

#### Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, September 28, 1898.]

NETHERLANDS.—The royal order of July 27, 1895, in regard to protection from contagious diseases, was repeated August 24, 1898. The measures of protection therein formulated are made to extend to plague, and are in conformity with the measures prescribed by the Venice Conference of March 19, 1897.

BRITISH EAST INDIES.—According to advices of September 1, the Government of Bombay has issued three orders relative to measures—(I) against outgoing vessels; (II) against incoming vessels, and (III) measures applicable to Bombay.

The measures for incoming vessels went into force September 1; those relative to outgoing vessels were to be put in force from some date thereafter to be named. The measures relative to Bombay are already in operation.

#### I. OUTGOING VESSELS.

No vessel shall leave the port without official certificate that the master, crew, and passengers have been examined on land, by daylight, and have been found free from plague. In the case of a vessel which starts on its voyage without having held communication with the city, the medical inspection shall be confined to those persons who have shipped from Bombay. Foreign consuls are invited to be present at such examination.

Plague suspects and their effects are prohibited shipment. On order from the competent authorities they will be held under supervision and their effects disinfected. This action shall be noted in the ship's papers.

After the issuance of sanitary certificates no further admissions of passengers or merchandise shall be permitted.

The medical inspection shall take place between the hours of sunrise and sunset.

If the vessel sets sail after 6 o'clock in the morning, a second examination must be made. This shall take place on the vessel itself only in case no communication has been held between the vessel and the shore.

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#### II. INCOMING VESSELS.

The captain of any vessel which arrives from an infected port, or which has held any communication other than verbal or by signal with a vessel from a plague-infected country, or which has plague on board or on which there were cases of plague twelve days before arrival, shall make the required quarantine signals by day or night.

All communication other than verbal with the shore or other vessels

is prohibited except in the case of the pilot or port officials.

Every vessel destined to Bombay shall be inspected and if found to

be clean shall be permitted to unlade.

The same holds good for vessels touching at Bombay. Should such vessels be declared unclean, no communication with the shore or with other vessels shall be permitted without authority from the health authorities.

Inspection of vessels shall in all cases take place between sunrise and sunset.

Plague vessels, or vessels which have had plague cases on board during the twelve days before their arrival, shall be subject to the following rules:

(1) The sick shall be landed and at their own cost placed under reg-

ular medical care.

(2) Persons not sick shall be removed from the vessel for the purpose of medical supervision. Persons indispensable to the service of the vessel shall be allowed to remain on board under supervision.

(3) Suspicious articles shall be disinfected.

(4) The vessel shall take on fresh water and pump out the bilge water.

(5) The vessel shall be thoroughly disinfected.

(6) After fulfillment of these requirements, the vessel shall haul

down quarantine signals.

Vessels which are suspect, that is to say, vessels on which plague cases occurred at the time of departure or during the voyage, but on which there has been no plague cases within twelve days of arrival, are subject to the following measures:

Passengers and crew shall be examined and thereafter be subject to rules 3 and 6 of measures for infected vessels. Crowded vessels shall

be treated as suspicious.

A vessel which refuses to comply with these requirements may leave the port; but if it has begun to unlade it shall be held subject to the measures stated above.

#### III. REGULATIONS APPLICABLE TO BOMBAY PROPER.

(1) As regards the treatment of plague in Bombay, the carrying out of the order prepared under direction of the Government, which in this case is represented by the plague commission, is in the hands of the municipal commissioner of the city. The municipal commissioner has the authority to appoint officers, to inspect suspected localities, and apply such measures as he judges necessary; to overlook the water supply; to order inspection and disinfection of houses in which plague cases occur; to order the demolition of buildings when circumstances require it, and to destroy all articles capable of conveying infection. The police authorities are directed to cooperate with the sanitary authorities in carrying out such measures as are required.

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#### SWITZERLAND.

#### Mortality in cities and towns during the month of August, 1898.

#### [Translated in this Bureau from the Wochenbulletin der Schweiz, September 17, 1898.]

		Causes of death.									
Cities.	Popula- tion.	Phthisis pul- monalis.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	Total deaths from all causes.	
Zurich	158, 504	22	0	0	2	0	1	0	1	185	
Geneva	87, 926	29	0	0	3	0	0	0	2	184	
Basie	94, 646	16	0	0	2	0	0	0	4	134	
Bern	54,578	7	0	0	0	0	1	0	0	70	
Lausanne	42, 082	10	0	0	0	0	0	0	2	54	
St. Gall	34, 798	4	0	0	0	0	0	0	1	27	
Chaux De Fonds	31,605	3 2 2	0	0	0	0	0	0	0	37	
Lucerne	23, 880	2	0	0	2	0	0	0	0	33	
Neuchatel	19,654		0	0	1	0	1	0	1	28	
Winterthur	20,558	4	0	0	0	0	2	0	0	18	
Biel	19, 697	4 2 2 2	0	0	1	0	0	0	0	26	
Herisau	15, 208	2	0	0	0	0	8	0	0	16	
Schaffhausen	12, 986	2	0	0	0	0	0	0	0	15	
Fribourg	18, 134	1	0	0	0	0	1	0	0	25	
Locle	12, 403	2	0	0	0	0	Ō	0	0	19	
Total	641, 159	108	0	0	11	0	9	0	11	821	

#### AFRICA.

#### Smallpox at Pretoria and Natal.

SIR: I have the honor to call your attention to the following:

CAPE TOWN, September 3, 1898.

At Pretoria, South African Republic, smallpox has broken out among the coolies and several cases are reported. But few, if any, whites thus far affected. The Government enforces vaccination, and citizens are allowed fourteen days and farmers one month in which to The state of affairs is pronounced serious, and public meetings are being held to bring pressure to bear upon the "smallpox committee." One speaker stated that "the disease was spreading so rapidly that the whole town would be in quarantine unless prompt measures were taken." In Natal the disease has appeared among the natives, and the Government is using heroic measures. The compulsory vaccination of whites has not yet been ordered, but vaccination is All natives are being vaccinated, and none can leave the colony without a pass. It is stated that no fewer than 4,600 natives went out of the colony before the order was issued. All natives reentering the colony undergo a most thorough examination. plaints are made of bad lymph, but this the Government denies. From the Orange Free State a correspondent writes that smallpox has broken out and appears to be of a most deadly nature, and up to the present 3 whites and 1 native have died; that there is not a supply of virus. Only 1 case in Cape Colony is reported. The several Governments

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

are active and taking steps necessary to stamp out the disease.

J. G. Stowe, United States Consul-General.

Hon. THIRD ASSISTANT SECRETARY OF STATE.

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#### MEXICO.

#### Yellow fever in Jimenez.

CONSULATE OF THE UNITED STATES, Matamoras, Mexico, September 28, 1898.

SIR: I have the honor to report for the information of the Department of State that yellow fever now exists at Jimenez, which is about 100 miles south of here, in this consular district.

Many pernicious types of fever, such as intermittent, remittent, and malarial, are almost constantly prevalent here, and at present the meteorological conditions are especially favorable to sickness. The sanitary conditions of Matamoras, however, are above the average, and the authorities here are enforcing a strict quarantine against Tampico, Victoria, Jimenez, and all places south, in order to prevent the disease spreading into the United States through this city.

I am, sir, your obedient servant,

P. MERRELL GRIFFITH, United States Consul.

Hon. Assistant Secretary of State.

#### STATISTICAL REPORTS.

BAHAMAS—Dunmore Town.—Two weeks ended September 23, 1898. Estimated population, 1,472. Total number of deaths, 1. No contagious diseases.

Governors Harbor.—Two weeks ended September 24, 1898. Estimated population, 1,500. No deaths and no contagious diseases.

Green Turtle Cay—Abaco.—Two weeks ended September 22, 1898. Estimated population, 3,900. No deaths and no contagious diseases.

Nassau.—Two weeks ended October 4, 1898. Estimated population, 11.000. Total number of deaths not reported. No contagious diseases.

BERMUDA.—Two weeks ended October 7, 1898. Estimated population, 15,013. Total number of deaths, 2. No contagious diseases.

CHILE—Antofogasta.—Month of August, 1898. Estimated population, 14,000. Total number of deaths, 40, including 7 from phthisis pulmonalis.

DENMARK.—Month of August, 1898. Estimated population, 2,286,500. Total number of deaths, 13,596, including diphtheria, 493; enteric fever, 256; measles, 233; scarlet fever, 373; whooping cough, 1,756, and 367 from phthisis pulmonalis.

FRANCE—Rouen.—Month of August, 1898. Estimated population, 112,657. Total number of deaths, 419, including diphtheria, 1; enteric fever, 5; measles, 1, and 53 from phthisis pulmonalis.

GERMANY—Dresden.—Month of September, 1898. Estimated population, 385,300. Total number of deaths, 701, including diphtheria, 3; enteric fever, 2; measles, 3; scarlet fever, 1; whooping cough, 4, and 35 from phthisis pulmonalis.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns in England and Wales during the week ended September 24

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correspond to an annual rate of 23.6 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Gateshead, viz, 38.7, and the lowest in West Ham, viz, 16.2.

London.—One thousand eight hundred and sixty-three deaths were registered during the week, including measles, 12; scarlet fever, 9; diphtheria, 29; whooping cough, 31; enteric fever, 9, and diarrhea and dysentery, 347. The deaths from all causes correspond to an annual rate of 21.6 a thousand. In greater London 2,518 deaths were registered, corresponding to an annual rate of 20.5 a thousand of the population. In the "outer ring" the deaths included 12 from diphtheria, 6 from measles, and 8 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended October 1 in the 23 principal town districts of Ireland was 24.4 a thousand of the population. The lowest rate was recorded in Carrickfergus, viz, 5.8, and the highest in Tralee, viz, 78.3 a thousand. In Dublin and suburbs 165 deaths were registered, including enteric fever, 4; scarlet fever, 1; whooping cough, 5, and typhus, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended October 1 correspond to an annual rate of 19.1 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Leith, viz, 15.7, and the highest in Paisley, viz, 28.2 a thousand. The aggregate number of deaths registered from all causes was 577, including diphtheria, 4; measles, 6; scarlet fever, 11, and whooping cough, 17.

NOVA SCOTIA—Windsor.—Month of September, 1898. Estimated population, 3,000. Total number of deaths, 2, including 1 from phthisis pulmonalis.

St. Helena.—Four weeks ended September 3, 1898. Estimated population, 4,000. No deaths and no contagious diseases.

# MORTALITY TABLE, FOREIGN CITIES.

		ula-		Deaths from—									
Cities.	Week ended.	Estimated pop	Total deaths from	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Amsterdam	Oct. 1	509, 389	165					. 1		. 1	1	7	
AntofogastaBahia		14,000	11			3		·¦·····	.	· ····	•		
Do	Sept. 3 Sept. 10	200,000 200,000		1	:	4							
Do	Sept. 17	200,000				5		.	.				
Do	OCP ZZ	200,000	751	•	·	5		6	6	12	3		
Bremen	Sept. 10	1,728,201 143,500	751 51										
Do	Sept. 17	143,500	60			ļ	·		.	.	.		
BrusselsBudapest		551,011	180		·		5	. 2	3	3	4	4	
Calcutta		640,000 681,560	a371	4					- 1			ï	
Caliao	Sept. 4	25,000	20				<b> </b> -		.	.	.		
Do		25,000	15					·	·	•	•	·····	
Catania		25, 000 120, 000	18 50					5				2	
Do	Sept. 29	120,000	65				1	5		•	.	. 1	
Chemnitz Christiania	Sept. 24 Oct. 1	172,840	93 75		·			·	· ·····				
Cognac	Oct. 1 Sept. 17	207,000 20,400	8								<u>.</u>		
Do	Sept. 24	20, 400	4				ļ	1		-	.		
Colombo	Sept. 3 Sept. 10	130,000	64 63					1 3		•	i		
Cologne	Sept. 24	130,000 348,836	216								ļ <u>.</u>	9	
Copenhagen	do	351,000	131						1	1		1	
Dresden		385, 300	163		1		·····	1	1		1 -	5	
Funchal		245,000 36,982	78 16						1	1			
(libraitar	do	25, 900	9		ļ					·			
Girgenti Gothenburg		24, 428	7 26				•••••			·		•••••	
Guayaquil		120, 552 50, 000	44										
Do	Sept. 24	50,000	47						ļ	·			
Halifax Hamilton, Bermuda		38, 900	22			•••••				1			
Do		15, 013 15, 013	2										
Kingston, Canada	Oct. 14	19,000	10									ļ	
Konigsberg Licata	Oct. 1 Sept. 24	179,686	10		•••••	•••••	<u>.</u>	4		·····	1		
Leeds		20,000 416,618	12 159			•••••		2		5		2	
Liege	Sept. 24	168, 100	65				•••••	2	·				
London, England Lyons	do do	6, 408, 321 466, 028	2,518 151				·····	22 12	10	41	18	39	
Magdeburg	Sept. 10	223, 175	164				•••••				5		
Mannheim	Sept. 24	109, 714	33				•••••			ļ			
Maracaibo Do	do Sept. 30	50,000 50,000	16 12	•••••			•••••	•••••	·····		•••••		
Matamoras	Oct. 7	16, 304	8										
Melbourne	Aug. 27	450, 000	•••••					1			•••••	•••••	
Do Messina	Sept. 3 Sept. 24	450,000 107,000	41	•••••			•••••	1 3	1				
Montevideo	Sept. 10	215, 061	68							1			
Nuremberg Odessa	Sept. 17	190, 750	108				•••••	1 9	1 6	1 4	3	4	
Palermo	Sept. 24	883, 000 300, 000	209 120		•••••	1	1			i			
Pernambuco	Aug. 6	200,000	126									•••••	
Do	Aug. 13 Aug. 20	200,000	122 129	•••••		•••••		•••••	•••••	•••••		•••••	
Do	Aug. 27	200,000 200,000	132									•••••	
Plymouth	Oct. 1	99, 136									1	2	
Prague Rheims	Sept. 24	198, 320 108, 943	98 45		•••••				8	2		•••••	
Do	Sept. 17 Sept. 24	108, 943						3				•••••	
Rome	Aug. 20	499, 861	110					3				•-•••	
Do	Aug. 27 Sept. 3	499, 861 499, 861					•••••					•••••	
Rotterdam	Oct. 1	304, 838						7					
Schiedam	do	28, 884	10									•••••	
St. Georges, Bermuda Do	Oct. 1	2, 150 2, 150	0										
Stettin	Sept. 24	150,000											
	_	•											

# MORTALITY TABLE, FOREIGN CITIES—Continued.

	Week ended.	Estimated popula- tion.	from	Deaths from—									
Cities.			Total deaths	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Southampton Stockholm Stuttgart Trapani Do. Venice Vera Crus Vienna.	do Sept. 29 Sept. 24 Sept. 17	100, 886 283, 550 162, 984 45, 095 165, 000 165, 600 169, 545 80, 000 1, 590, 295	70 18 98 96 75 52 593		6			2 5	1 2 2 2	5 5 3 1 1	8	1 =	
WarsawZurich	Sept. 24	601, 408 162, 233	839 70			8	•••••		40 	4	14	6 2	

By authority of the Secretary of the Treasury:

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