

PUBLIC HEALTH REPORTS.

UNITED STATES.

Maintenance of quarantine against Cuban ports.

[Department Circular No. 71, 1907. Bureau of Public Health and Marine-Hospital Service.]

TREASURY DEPARTMENT,
OFFICE OF THE SECRETARY,
Washington, November 30, 1907.

To national, State, and local quarantine officers, collectors of customs, shipowners and agents, and others concerned:

Owing to the continued prevalence of yellow fever in certain ports of the island of Cuba, the season of close quarantine will be maintained against Cuban ports until further notice.

GEORGE B. CORTELYOU, *Secretary.*

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

DENGUE FEVER, AS OBSERVED IN BROWNSVILLE, TEX., AUGUST, 1907.

[By Passed Assistant Surgeons Joseph Goldberger and George W. McCoy.]

The city of Brownsville lies on the left bank of the Rio Grande, about 10 miles from the mouth. It has a population locally estimated to be about 8,000 (6,305 according to the census of 1900), of which a large portion is Mexican.

The city has no public water supply, in consequence of which river water is hauled in water carts and kept in barrels and tanks, and is in very general use for all purposes except by the well-to-do portion of the population, which obtains its drinking water from the rain water of cisterns. These water receptacles serve, of course, as excellent breeding places for the *Stegomyia calopus* and the *Culex pipiens* mosquitoes, both of which were very much in evidence. Although there is no sewerage, the natural drainage into the river is sufficient to rapidly carry off the storm water, so that we observed no stagnant water in gutters or puddles.

The city is a port of entry, but its domestic shipping is insignificant and its foreign practically nil. One railroad enters it from the north, giving it direct communication with Corpus Christi, Galveston, Houston, San Antonio, and a number of small towns. Directly opposite, on the Mexican side of the river and connected with it by ferry, is Matamoros. Through Matamoros, Brownsville has daily rail communication with Monterey, Mexico.

It seems probable that dengue was introduced into Brownsville from Mexico. The first case of which we have knowledge occurred

about June 20, and as this was, in all probability, at least a secondary case, it seems fair to assume that the disease must have been introduced not later than about the middle of June. The disease spread rapidly and became quite generally diffused through the population, so that in two months, or about the middle of August, it was estimated that there had occurred about 1,000 cases. Our notes do not comprise a very large number of cases, but they cover all classes of the population, so that the following description is fairly representative of the disease as it prevailed:

Incubation.—We have only one observation relating to the period of incubation. Three members of a family of 4 were taken sick in a little less than 6 days after their first exposure, so that their incubation period was not more than 6 days.

Onset.—Without any well-defined prodromal symptoms in any of the cases, the disease was ushered in somewhat abruptly, though not with the suddenness which has been described as occurring in some epidemics, with general malaise, headache, and more or less generalized aching. In a few instances a slight chill or chilliness was noted.

Pains.—Pain, in the form of headache with or without rachialgia, lumbar pain, aching of the limbs and eyes, was a constant symptom. More or less severe aching of the eyes was almost always associated with the headache; the latter was usually frontal and present in almost every case. The eye-ache was frequently accentuated by causing the patient to look up or down or to one side. Severe aching in the scapular regions was complained of in many cases. We noted no involvement of the joints in any of the cases observed by us. Some of these pains or aches frequently marked the onset of the disease; slight at first, they rapidly increased in severity, causing restlessness and sleeplessness. The degree of severity of the various aches and pains and the associated restlessness and discomfort oscillated with the oscillations in the fever; thus with a remission in the fever there would be a more or less marked remission in the pains and the patient would feel much better. In most cases the final defervescence of the fever marked the disappearance of all the aching and pains. In a few cases, however, some aching particularly of the eyes and lumbar region persisted for some days into convalescence.

Facies.—In a considerable number of our cases there was for 2 or 3 days after the onset a more or less marked flushing of the face. There was, however, nothing distinctive about this, and it did not merit the name of "the initial rash." The eyes in most instances showed some congestion; in 1 case large subconjunctival hemorrhages occurred in one eye on the third and in the other on the fourth day.

Skin.—The skin was warm and generally moist; in a few cases there was mention of profuse sweating at night. In one instance we noted a profuse critical sweat on the fifth day. In a little more than half of our cases a more or less marked eruption was observed. It is believed that the proportion observed would have been greater had we been able to follow all our cases as closely and as long as is desirable. The eruption appeared some time between the third and the sixth day; that is, (1) during the course of the fever, (2) at the termination of the remission of the third day, or (3) at the termination of the fever. The character of the eruption in most instances was somewhat like that of measles, in some, scarlatiniform, and in a few there was observed mixed with the macules, resembling those in measles,

roseola-like patches of various sizes. The rash differed in different cases with respect to the extent of surface involved. In some there were only a few round maculo-papules on the back of the wrists and hands; in others it covered the dorsal surfaces of the forearms, elbows, legs, and dorsal aspects of the feet, while in still others it covered the whole body except the face, palms, and soles. In the last group the eruption was usually quite profuse, leaving but little skin uninvolved. The duration of the eruption varied in our experience from 12 hours to 2 or 3 days. In 2 of our cases there was associated with the eruption considerable pruritus. In most instances the eruption disappeared without any obvious desquamation; in a few there was more or less desquamation, which was flaky in 1 case.

On the second day in one of our cases there appeared on the dorsal aspect of the left forearm a diffuse dull redness of the skin, suggesting a sunburn in appearance. After a few hours it began to fade, while simultaneously a similar redness appeared on the dorsal aspect of the right forearm. After 12 hours all signs of what appeared like a dermatitis had disappeared. The definite eruption appeared in this case on the sixth day with the return of the temperature to normal.

Lymphatic glands.—We noted enlargement of the lymphatic glands of the groins in 3 cases, in 1 of which there was also some enlargement of the right epitrochlear glands. The glands were discrete and neither tender nor painful.

Temperature.—With the onset of the disease the temperature began to rise and continued to rise with or without morning remissions for 2, 3, or 4 days. Having attained its maximum, it at once began to decline, slowly in some instances, rapidly in others, usually reaching normal by the fifth or sixth day. In some instances the defervescence was abrupt, critical, and in one instance associated with a very profuse sweat. In a considerable proportion of cases the morning remission of the third day was particularly marked, amounting almost to an intermission, and endured for from 3 or 4 to 24 hours, after which the temperature again rose, and in one of our cases reached the highest point recorded in that individual's attack. The highest temperature recorded by us was 40.1° C. (104.2° F.). (See charts 1, 2, and 3, page 1760.)

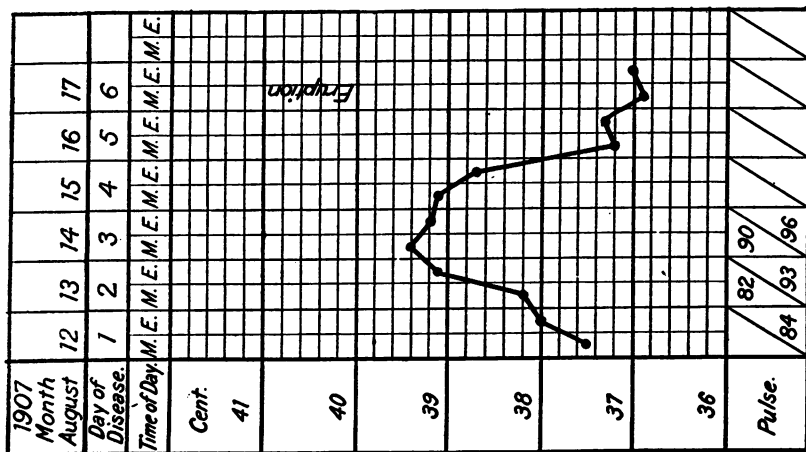
Pulse.—With the rise in the temperature the pulse beat increased in frequency, and in most instances continued to rise and fall in harmony with the rise and fall of the temperature.

In 1 case (chart 3), however, although the temperature rose progressively during the first 2 days, reaching 40.1° C., the pulse remained stationary at 98–99. We met no example of the typical Faget's sign—i. e., a falling pulse rate with a stationary or rising temperature.

Respiratory tract.—One of our patients spoke of a feeling of fullness and tenseness in the nostrils. In 4 cases there was bleeding from the nose; slight in 3, profuse in the fourth. We observed no catarrhal symptoms nor any notable deviation from the normal in the respiratory movements.

Blood.—Examination of blood smears stained by Wright's method showed no structures which we could interpret as parasites of etiological significance. The circumstances under which we were work-

CHART 1.



CHART' 2.

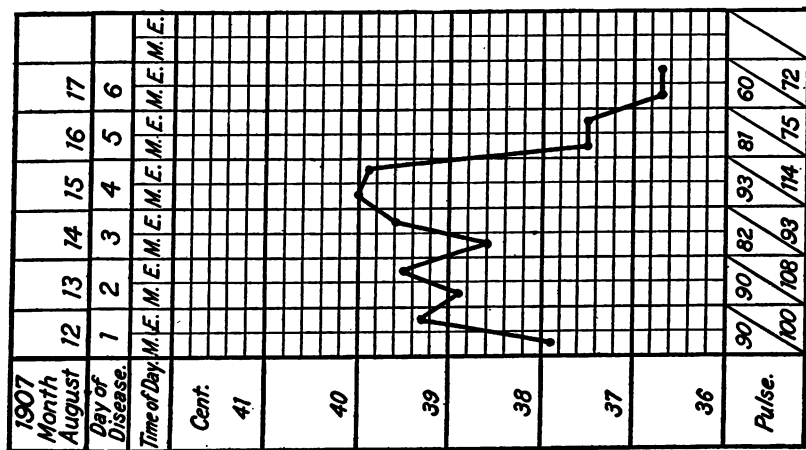
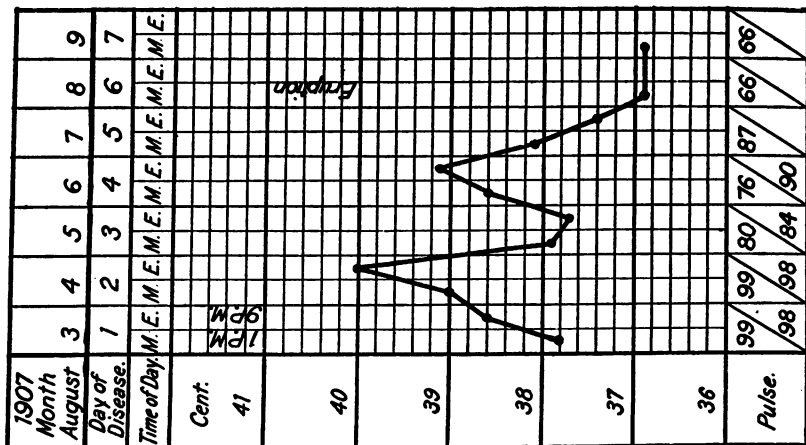


CHART 3.



ing and lack of time did not permit us to make either erythrocyte or leucocyte counts.

Hemorrhages.—Reference has already been made to the occurrence of epistaxis and subconjunctival hemorrhages. In one of our cases the menses of a woman who had always menstruated at regular intervals appeared 5 days before the expected time and were uncommonly profuse.

Digestive tract.—The gums varied somewhat in appearance; usually they were somewhat reddened, and in one instance there was a tendency to bleed on manipulation, but this was normal for the individual in question.

The tongue was commonly moist and more or less coated over the dorsum, not infrequently showing red edges and tip. In a few instances there were some patches of congestion of the mucosa of the soft palate.

The appetite was usually dulled and in some instances altogether lost. In the latter stages of the disease there was developed, in some instances, a desire for food, but an attempt to eat would evoke a feeling of repulsion. Thirst, more or less marked, was almost invariable. In some cases there was nausea and in a few instances vomiting, which in no case was severe. The vomited matter usually consisted of a watery fluid, which was bile-stained in some instances. In 3 cases, all of them children, there was vomiting of a fluid containing some black particles, like coffee grounds; in these cases there had been bleeding from the nose, and this peculiar "black vomit" was interpreted as blood which, having its origin in the posterior nares, was swallowed and became altered by exposure to the gastric juice.

A tendency to constipation, perhaps explained by the enforced inactivity of the patient, was noted in all cases, but the bowels responded readily to the action of cathartics.

Urine.—We examined the urine with heat and nitric acid in 10 of the more severe cases, but found no albumin in any of them. Except in one instance, however, it was not practicable for us to obtain specimens after the fourth day of the disease. In this case, one of cyclical albuminuria, the fever instead of causing an increase in the albumin seemed to affect it favorably, for daily examination throughout the attack failed to reveal the presence of even a trace.

Liver.—Of symptoms referable to this organ, we saw jaundice in one case. This, however, was a mild catarrhal icterus, in the course of which the patient was attacked with dengue.

Nervous system.—Aside from pain, which has already been discussed, we must mention the occurrence of insomnia in several instances, the latter being not uncommonly the result of the former. Following the fever more or less marked adynamia was noted as a rule.

Relation to previous attack.—A number of cases gave histories of a previous attack of dengue.

Relation to previous attack of yellow fever.—At least two of our cases had had yellow fever some years before.

Identity with the dengue of the Philippines.—The disease observed in this epidemic corresponded in general with dengue as observed by one of us in the Philippine Islands. In the Philippines, however, hemorrhages were not observed in any case. Enlargement of the lymphatic glands was rather more common in cases seen in the Philippines than in the Brownsville cases.

Diagnosis.—In the presence of an epidemic this was not difficult. The combination of an acute fever lasting five to six days with pains having the characters mentioned, with a polymorphous eruption (in somewhat more than one-half of the cases) appearing after the third day of the disease in the absence of catarrhal symptoms, jaundice, and albuminuria, clearly marked this fever as dengue. The absence of catarrhal symptoms and the character of the eruption excluded both gripe and measles. Yellow fever, the only disease that demanded serious consideration, we excluded on account of the eruption, which was present in at least 50 per cent of the cases, and the absence of both albuminuria and jaundice in cases in which, on account of the degree and the duration of the fever, these symptoms would certainly have been present had these cases been yellow fever.

Reports from San Francisco, Cal.—Status of plague—Plague-prevention work.

Passed Assistant Surgeon Blue reports:

November 27. Two new cases of plague to-day, 1 a Californian, 1 an Italian. Record to date: Cases, 105; deaths, 64.

November 28. Californian reported yesterday dead. No plague cases to-day. Total bacteriologically confirmed cases to date, 105; total deaths from plague to date, 65.

November 30. One new case of plague to-day, an Italian. Cases of plague to date, 106; total deaths from plague to date, 65.

December 1. Three new cases to-day, 1 Californian, 1 Spaniard, and 1 Italian. Total cases to date, 109; total deaths from plague to date, 65.

Doctor Blue further reports plague-prevention work at San Francisco carried out during the week ended November 21:

Sick inspected.....	86
Plague cases found.....	2
Dead inspected.....	62
Plague, among dead inspected.....	3
Premises inspected.....	5, 861
Houses disinfected.....	114
Houses destroyed.....	5
Nuisances abated.....	373
Rats found dead.....	626
Rats trapped.....	2, 608
Bounty rats received.....	919
Poisons placed.....	204, 096
Rats examined bacteriologically.....	909
Rats infected with bacillus pestis.....	6
Contacts inspected.....	53

Outgoing quarantine transactions.

Passed Assistant Surgeon Hobdy reports, November 19:

Week ended November 16. One hundred and ten vessels were fumigated and certified to, and 53 vessels previously disinfected were certified to.

Our observations during the week show that the number of rats on the vessels is being reduced. In many instances none are found, and on those vessels where they still exist their numbers have been greatly reduced.

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

Passed Assistant Surgeon Cofer reports, November 25:

Cases verified plague to date.....	2
Deaths verified plague to date.....	2
Number of sick persons inspected.....	2
Number of dead persons inspected.....	0
Number of city blocks inspected and reported upon.....	246
Number of nuisances abated.....	32
Number of cubic yards of rubbish burned.....	218
Number of cubic yards of rubbish removed.....	143
Number of rats delivered and cremated.....	2,064
Number of suspicious rats examined.....	18
Number of pieces of rat poison placed.....	134,200
Number of vessels disinfected.....	6

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

COLORADO.—Month of October, 1907. Estimated population, 615,570. Reports to the State board of health show as follows: Diphtheria, 84 cases, 9 deaths; enteric fever, 725 cases, 86 deaths; scarlet fever, 266 cases, 14 deaths; smallpox, 13 cases and no deaths. Total number of deaths from all causes, 875.

CONNECTICUT—*New Haven*.—Month of September, 1907. Estimated population, 125,000. Total number of deaths, 145, including diphtheria 1, enteric fever 8, measles 1, and 12 from tuberculosis. Cases: Diphtheria 13, enteric fever 41, and scarlet fever 3.

Month of October, 1907. Total number of deaths, 172, including diphtheria 6, enteric fever 4, and 19 from tuberculosis. Cases: Diphtheria 29, enteric fever 56, and scarlet fever 5.

FLORIDA.—Reports to the State board of health for the week ended November 23, 1907, show as follows: Diphtheria—*Jacksonville*, 2 cases. Enteric fever—*Jacksonville*, 7 cases; *Tampa*, 1 case. Tuberculosis—*Jacksonville*, 2 cases; *Crescent City* and *Macclenny*, each 1 case.

IOWA—*Keokuk*.—Month of October, 1907. Estimated population, 16,000. Total number of deaths, 14, including 1 from tuberculosis. Case: Scarlet fever, 1.

MONTANA.—Month of October, 1907. Estimated population, 280,000. Reports to the State board of health show as follows: Total number of deaths, 315, including diphtheria 15, enteric fever 26, whooping cough 1, and 20 from tuberculosis. Cases: Diphtheria 165, enteric fever 284, measles 9, scarlet fever 31, and smallpox, 13.

WASHINGTON—*Seattle*.—Month of October, 1907. Estimated population, 240,000. Total number of deaths, 178, including diphtheria 3, enteric fever 14, whooping cough 2, and 14 from tuberculosis. Cases: Diphtheria 60, enteric fever 45, measles 10, scarlet fever 14, smallpox 10, whooping cough 2, and tuberculosis 2.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 28 to December 6, 1907.

[For reports received from December 28, 1906, to June 28, 1907, see PUBLIC HEALTH REPORTS for June 28, 1907.]

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

Place.	Date.	Cases.	Deaths.	Remarks.
Alaska:				
Nome.....	July 1-10	1 .....	.....	From ss. Ohio. From ss. Pennsylvania, July 16; epidemic in vicinity.
St. Michael	May 26-July 13	3 .....	.....
Total for Territory .....	.....	4 .....	.....
California:				Imported.
General	July 1-31 .....	.....	1	
Longbeach	Sept. 1-30	5 .....	.....
Los Angeles	July 21-Nov. 16	12 .....	.....
Oakland	July 1-Oct. 31	24 .....	.....
Pasadena	Sept. 1-30	3 .....	.....
Sacramento	July 1-30	1 .....	.....
San Francisco	June 22-Nov. 16	47	2	
Tehachapi	June 1-Nov. 15	125 .....	.....
Total for State .....	.....	217	3	
Colorado:				
Adams County	Sept. 1-Oct. 31	6 .....	.....
Bent County	May 1-31	3 .....	.....
Boulder County	May 1-Oct. 31	35 .....	.....
Clear Creek County	May 1-Oct. 31	11 .....	.....
Conejos County	June 1-30	1 .....	.....
Denver County	May 1-Oct. 31	137 .....	.....
Douglas County	June 1-30	1 .....	.....
Eagle County	May 1-31	1 .....	.....
El Paso County	May 1-June 30	3 .....	.....
Grand County	June 1-Aug. 31	7 .....	.....
Jefferson County	May 1-July 31	8 .....	.....
Kiowa County	May 1-31	2 .....	.....
Lake County	May 1-31	2 .....	.....
Larimer County	May 1-July 31	7 .....	.....
Las Animas County	May 1-Aug. 31	48 .....	.....
Lincoln County	June 1-July 31	4 .....	.....
Logan County	July 1-31	1 .....	.....
Mesa County	May 1-Sept. 30	3 .....	.....
Montrose County	May 1-June 30	7 .....	.....
Otero County	May 1-Aug. 31	43 .....	.....
Ouray County	Aug. 1-31	1 .....	.....
Pitkin County	Oct. 1-31	1 .....	.....
Prowers County	May 1-31	9 .....	.....
Pueblo County	May 1-June 30	11 .....	.....
Washington County	May 1-July 31	20 .....	.....
Weld County	May 1-Aug. 31	11 .....	.....
Yuma County	May 1-June 30	7 .....	.....
Total for State .....	.....	390 .....	.....
Connecticut:				
Willimantic	June 1-30	2 .....	.....
Total for State .....	.....	2 .....	.....
Delaware:				
Delaware Breakwater quarantine.	Sept. 24	1	1	From ss. Vienna from Tagal, Java.
Total for State .....	.....	1	1	
District of Columbia:				
Washington	June 16-22	1 .....	.....
Total for District .....	.....	1 .....	.....
Florida:				
Duval County—Mandarin	Nov. 10-16	1 .....	.....
Total for State .....	.....	1 .....	.....
Illinois:				
Arcadia	Jan. 1-June 30	2 .....	.....
Atwood	Jan. 1-June 30	2 .....	.....
Aurora	Jan. 1-June 30	55 .....	.....
Barry	Jan. 1-June 30	8 .....	.....
Beardstown	Jan. 1-June 30	1 .....	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Belleville.....	Jan. 1–Nov. 23....	7	.....
Canton.....	Jan. 1–June 30....	1	.....
Cerro Gordo.....	Jan. 1–June 30....	1	.....
Chadwick.....	Jan. 1–June 30....	5	.....
Chapin.....	Jan. 1–June 30....	4	.....
Chester.....	Jan. 1–June 30....	1	.....
Chicago.....	June 23–Nov. 23....	20	.....
Coal City.....	Jan. 1–June 30....	17	.....
Colfax.....	Jan. 1–June 30....	1	.....
Champaign County.....	Jan. 1–June 30....	6	.....
Charleston.....	Jan. 1–June 30....	2	.....
Danville.....	Jan. 1–June 30....	15	.....
Decatur.....	Jan. 1–June 30....	21	.....
De Land.....	Jan. 1–June 30....	1	.....
Dundas.....	Jan. 1–June 30....	3	.....
East Dubuque.....	Jan. 1–June 30....	9	1	
Evanston.....	Jan. 1–June 30....	2	.....
Evansville.....	Jan. 1–June 30....	1	.....
Fayette County.....	Jan. 1–June 30....	7	.....
Galena.....	Jan. 1–June 30....	68	.....
Galesburg.....	June 16–July 6....	3	.....
Hanna.....	Jan. 1–June 30....	1	.....
Harvey.....	Jan. 1–June 30....	1	.....
Iroquois.....	Jan. 1–June 30....	6	.....
Jacksonville.....	Jan. 1–June 30....	1	.....
Joliet.....	May 31–June 15....	5	.....
Knox County.....	Jan. 1–June 30....	12	.....
La Salle.....	Jan. 1–June 30....	26	.....
Livingston County.....	Jan. 1–June 30....	74	.....
Mechanicsburg.....	Jan. 16–Aug. 1....	19	.....
Murrayville.....	Jan. 1–June 30....	1	.....
Panola.....	Jan. 1–June 30....	3	.....
Peoria.....	June 18–Nov. 19....	14	.....
Pike County.....	Jan. 1–June 30....	14	.....
Plainfield.....	Jan. 1–June 30....	8	.....
Pontiac.....	Jan. 1–June 30....	17	.....
Quincy.....	Oct. 1–31....	1	.....
Rockford.....	Jan. 1–Oct. 31....	8	.....
Rushville.....	Jan. 1–June 30....	4	.....
Sag Bridge.....	Jan. 1–June 30....	2	.....
St. Charles.....	Jan. 1–June 30....	4	.....
Shannon.....	Jan. 1–June 30....	1	.....
Sherman.....	Nov. 1–5....	5	.....
Springfield.....	June 21–Nov. 28....	92	.....
Stark County.....	Jan. 1–June 30....	37	.....
Stronghurst.....	Jan. 1–June 30....	10	.....
Tazewell County.....	Jan. 1–June 30....	33	.....
Tolono.....	June 1–July 19....	5	.....
Tremont.....	Jan. 1–June 30....	27	.....
Westville.....	Jan. 1–June 30....	1	.....
Williamsville.....	Jan. 1–June 30....	5	.....
Winslow.....	June 1–Aug. 3....	25	.....
Total for State.....		725	1	
Indiana:				
Allen County.....	May 1–July 31....	6	.....
Boone County.....	June 1–July 31....	4	.....
Carroll County.....	June 1–30....	9	.....
Cass County.....	May 1–Sept. 30....	10	.....
Clinton County.....	May 1–Sept. 30....	5	.....
Delaware County.....	June 1–July 31....	3	.....
Dearborn County.....	Sept. 1–30....	3	.....
Elkhart County.....	May 1–July 31....	31	.....
Elkhart.....	July 1–Nov. 23....	26	.....
Floyd County.....	May 1–31....	1	.....
Fountain County.....	May 1–31....	1	.....
Grant County.....	May 1–July 31....	8	.....
Marion.....	June 1–Aug. 31....	4	.....
Hamilton County.....	May 1–July 31....	42	.....
Harrison County.....	May 1–31....	3	.....
Hendricks County.....	May 1–July 31....	13	.....
Howard County.....	May 1–July 31....	5	.....
Huntington County.....	June 1–30....	2	.....
Jay County.....	July 1–31....	3	.....
Jefferson County.....	July 1–31....	1	.....
Kosciusko County.....	June 1–July 31....	13	.....
Lake County.....	June 1–30....	5	.....
Laporte County.....	May 1–July 31....	30	.....
Lawrence County.....	May 1–June 30....	8	.....
Madison County.....	June 1–Sept. 30....	3	.....
Anderson.....	Aug. 1–Oct. 31....	19	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Marion County—				
Indianapolis	June 17-Oct. 27	11		
Marshall County	May 1-Sept. 30	54		
Miami County	May 1-July 31	23		
Montgomery County	June 1-Sept. 30	9		
Noble County	July 1-31	1		
Parke County	June 1-30	1		
Pike County	June 1-30	3		
Porter County	June 1-30	12		
St. Joseph County—				
South Bend	June 16-July 20	6		
Stark County	Sept. 1-30	12		
Tippecanoe County	May 1-June 30	3		
Lafayette	June 18-Nov. 25	8		
Tipton County	May 1-July 31	34		
Vanderburg County	June 1-30	1		
Vermilion County	June 1-30	16		
Wabash County	May 1-31	8		
Wells County	June 1-30	1		
White County	May 1-31	3		
Whitley County	May 1-June 30	3		
Total for State		467		
Iowa:				
Cartersville	Sept. 21-Oct. 12	3		
Cedar Rapids	June 1-Oct. 31	3		
Davenport	June 15-Sept. 30	11		
Keokuk	July 1-31	2		
Ottumwa	Aug. 18-Nov. 23	3		
Total for State		22		
Kansas:				
Allen County	May 1-July 31	10		
Atchison County	May 1-Sept. 30	29		
Atchison (city)	Aug. 1-Sept. 30	13		
Barton County	May 1-June 30	5		
Bourbon County	June 1-July 31	4		
Brown County	May 1-31	6		
Butler County	Sept. 1-30	1		
Chase County	May 1-June 30	38		
Cheyenne County	May 1-31	1		
Clark County	May 1-June 30	7		
Clay County	July 1-Sept. 30	2		
Cloud County	May 1-31	2		
Coffey County	Aug. 1-31	6		
Cowley County	May 1-July 31	28		
Crawford County	May 1-31	1		
Doniphan County	May 1-June 30	9		
Edwards County	May 1-31	8		
Finney County	May 1-31	3		
Franklin County	May 1-June 30	2		
Geary County	June 1-30	7		
Gove County	May 1-31	3		
Grant County	June 1-July 31	10	1	
Greenwood County	May 1-31	1		
Harper County	May 1-31	1		
Harvey County	May 1-July 31	13		
Jackson County	May 1-July 31	21		
Jefferson County	May 1-June 30	4		
Kearny County	July 1-Sept. 30	2		
Kingman County	May 1-June 30	9		
Labette County	May 1-July 31	2		
Parsons	May 1-Sept. 30	15		
Leavenworth County—				
Leavenworth	June 1-Sept. 30	9		
Lincoln County	Aug. 1-31	4		
Lian County	July 1-Sept. 30	5		
Lyon County	May 1-31	2		
Marion County	June 1-July 31	6		
Miami County	May 1-31	1		
Montgomery County	June 1-Sept. 30	10		
Coffeyville	May 1-July 31	15		
Neosho County	Aug. 1-31	26		
Osborne County	May 1-31	5		
Pawnee County	June 1-Aug. 31	9	1	
Phillips County	May 1-31	22		
Rawlins County	May 1-31	5		
Reno County	May 1-July 31	37		
Saline County	May 1-July 31	20		
Sedgwick County	May 1-July 31	14		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Seward County.....	May 1-31.....	3		
Shawnee County.....	Aug. 1-31.....	6		
Topeka.....	Aug. 1-31.....	1		
Sheridan County.....	May 1-July 31.....	36		
Sherman County.....	May 1-July 31.....	44		
Smith County.....	May 1-31.....	2		
Stafford County.....	May 1-July 31.....	3		
Sumner County.....	May 1-Sept. 30.....	18		
Thomas County.....	May 1-31.....	1		
Washington County.....	May 1-June 30.....	6		
Wichita County.....	July 1-Aug. 31.....	3		
Wilson County.....	May 1-31.....	4		
Wyandotte County.....	June 1-July 31.....	13		
Kansas City.....	June 16-Nov. 23.....	14		
Total for State.....		607	2	
Kentucky:				
Covington.....	June 23-Nov. 30 ..	10		
Lexington.....	July 21-27.....	1		
Louisville.....	June 22-Oct. 10 ..	12		
Total for State.....		23		
Louisiana:				
New Orleans.....	June 16-Nov. 16 ..	28	3	
Shreveport.....	July 28-Oct. 19....	6		
Total for State.....		34	3	
Massachusetts:				
Boston.....	July 14-Sept. 28...	3		
Fall River.....	Nov. 10-30.....	3		
Lawrence.....	June 16-July 13...	3		
Somerville.....	Oct. 20-Nov. 9.....	2		
South Groveland.....	July 1-Aug. 17.....	20		
Total for State.....		31		
Michigan:				
Detroit.....	June 16-Sept. 28 ..	30		
Grand Rapids.....	Nov. 10-16.....	9		
Saginaw.....	Aug. 18-Oct. 12 ..	16		
Total for State.....		49		
Minnesota:				
Anoka County.....	May 21-27.....	3		
Beltrami County.....	May 6-Aug. 12.....	28		
Benton County.....	Apr. 30-May 6.....	2		
Big Stone County.....	May 14-Aug. 12.....	23		
Blue Earth County.....	May 14-June 24.....	17		
Brown County.....	May 14-July 1.....	32		
Carver County.....	May 1-July 22.....	69		
Cass County.....	May 1-Aug. 19.....	24		
Chippewa County.....	June 18-July 1.....	9		
Chisago County.....	May 14-June 11.....	19		
Clay County.....	May 14-July 8.....	15		
Crow Wing County.....	May 14-20.....	1		
Dakota County.....	May 14-June 11.....	2		
Douglas County.....	July 1-15.....	1		
Faribault County.....	May 1-June 24.....	38		
Fillmore County.....	June 1-17.....	1		
Grant County.....	May 27-July 15.....	28		
Hennepin County.....	May 1-July 22.....	89		
Minneapolis.....	June 18-Oct. 31.....	72		
Houston County.....	May 1-July 22.....	5		
Hubbard County.....	June 18-July 22.....	3		
Isanti County.....	May 1-27.....	18		
Itasca County.....	May 6-Aug. 12.....	10		
Kandiyohi County.....	June 4-11.....	18		
Lac qui Parle County.....	Aug. 13-19.....	1		
Lake County.....	May 14-Aug. 19.....	4		
McLeod County.....	May 27-July 8.....	16		
Meeker County.....	June 24-July 1.....	1		
Millelacs County.....	May 1-Aug. 12.....	3		
Morrison County.....	Apr. 30-Aug. 5.....	3		
Nicollet County.....	May 1-June 24.....	8		
Nobles County.....	June 14-Aug. 12 ..	6		
Olmsted County.....	June 18-24.....	1		
Ottertail County.....	July 30-Aug. 5.....	4		
Pine County.....	May 28-June 3.....	1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
Polk County.....	June 18-24.....	1	.....
Ramsey County.....	May 1-July 29.....	29	.....
St. Paul.....	June 18-Sept. 30..	44	.....
Red Lake County.....	July 16-Aug. 19....	8	.....
Renville County.....	June 24-Aug. 19....	29	.....
St. Louis County.....	June 18-Aug. 15....	39	.....
Scott County.....	May 1-June 24.....	22	.....
Sherburne County.....	May 14-20.....	1	.....
Stearns County.....	May 1-Aug. 19.....	81	.....
Steele County.....	May 6-July 8.....	10	.....
Todd County.....	May 6-July 1.....	2	.....
Traverse County.....	May 6-13.....	8	.....
Wabasha County.....	May 1-June 24.....	2	.....
Waseca County.....	Aug. 12-19.....	1	.....
Washington County.....	May 1-June 24.....	15	.....
Stillwater.....	July 1-Aug. 31.....	5	.....
Watonwan County.....	June 18-24.....	1	.....
Winona County—				
Winona.....	Nov. 10-16.....	2	.....
Wilkin County.....	May 1-20.....	18	.....
Wright County.....	June 18-Aug. 19....	6	.....
Yellow Medicine County..	May 1-June 24.....	2	.....
Total for State.....		896		
Mississippi:				
Adams County—				
Natchez.....	July 1-6.....	2	.....	Imported.
Harrison County—				
Biloxi.....	May 1-31.....	1	.....
Washington County.....	May 1-July 31.....	12	.....
Greenville.....	Aug. 1-31.....	1	.....
Total for State.....		16		
Missouri:				
Buchanan County—				
St. Joseph.....	June 16-Nov. 2.....	30	.....
Cole County.....	Oct. 1-31.....	8	.....
Daviess County.....	Oct. 1-31.....	2	.....
De Kalb County.....	Oct. 1-31.....	8	.....
Gentry County.....	Oct. 1-31.....	8	.....
St. Louis City County—				
St. Louis.....	June 16-Oct. 31....	19	.....
Total for State.....		75		
Montana:				
Beaverhead County.....	Feb. 1-28.....	1	.....
Broadwater County.....	May 1-31.....	1	.....
Carbon County.....	Aug. 1-31.....	1	.....
Cascade County.....	Apr. 1-June 30.....	8	.....
Custer County.....	Feb. 1-Sept. 30.....	23	.....
Dawson County.....	July 1-31.....	1	.....
Deerlodge County.....	Mar. 1-Aug. 31.....	2	.....
Fergus County.....	Apr. 1-Oct. 31.....	2	.....
Flathead County.....	Apr. 1-30.....	1	.....
Gallatin County.....	May 1-June 30.....	2	.....
Granite County.....	May 1-Oct. 31.....	6	.....
Lewis and Clarke County..	May 1-31.....	1	.....
Madison County.....	Feb. 1-28.....	1	.....
Meagher County.....	May 1-31.....	1	.....
Missoula County.....	Feb. 1-Oct. 31.....	26	.....	7 cases imported.
Park County.....	Mar. 1-Oct. 31.....	26	.....
Rosebud County.....	July 1-Aug. 31.....	2	.....
Sanders County.....	Feb. 1-June 30.....	14	.....
Silverbow County.....	Feb. 1-Oct. 31.....	17	.....
Valley County.....	May 1-July 31.....	2	.....
Yellowstone County.....	May 1-Oct. 31.....	15	.....
Total for State.....		153		
Nebraska:				
Lincoln.....	Apr. 1-Oct. 31.....	99	.....
Omaha.....	Feb. 1-Sept. 30.....	44	.....
Total for State.....		143		
New Hampshire:				
Franklin.....	Oct. 1-31.....	1	.....
Total for State.....		1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
New Jersey:				
Carlstadt	Sept. 6	1 .....	.....
Newark	July 1-Nov. 9	16 .....	.....
West Hoboken	Apr. 1-Aug. 15	7 .....	.....
Total for State .....	.....	24 .....	.....
New York:				
Albany County	Aug. 1-31	2 .....	.....
Allegany County	Jan. 1-Feb. 28	10 .....	.....
Broome County	Jan. 1-Feb. 28	39 .....	.....
Cattaraugus County	Apr. 1-Sept. 30	20 .....	.....
Machias	May 1-June 30	3 .....	.....
Chautauqua County	Feb. 1-Mar. 31	2 .....	.....
Chemung County	Jan. 1-Feb. 28	2 .....	.....
Chenango County	Jan. 1-Apr. 7	6 .....	.....
Columbia County	May 1-31	1 .....	.....
Cortland County—				
Homer	Aug. 5-Sept. 6	1 .....	.....
Erie County	Jan. 1-July 31	11 .....	.....
Buffalo	July 14-Oct. 31	6	1	
Greene County	Jan. 1-Feb. 28	3 .....	.....
Jefferson County	June 1-Nov. 7	36 .....	.....
Lewis County	Aug. 1-Nov. 7	20 .....	.....
Monroe County	Oct. 1-31	3 .....	.....
New York County—				
New York	June 23-Nov. 16 ..	5	2	
Niagara County—				
Niagara Falls	May 1-31	2 .....	.....
Oneida County	Oct. 1-31	20 .....	.....
Ontario County	Feb. 1-28	3 .....	.....
Onondaga County—				
Syracuse	Aug. 7-Nov. 7	2 .....	.....
Orange County	Feb. 1-Oct. 31	5 .....	.....
Orleans County	June 1-30	1 .....	.....
Otsego County—				
Springfield	Oct. 1-31	1 .....	.....
Rockland County	May 1-31	2 .....	.....
St. Lawrence County	Apr. 1-Nov. 7	3 .....	.....
Schenectady County	June 1-30	5 .....	.....
Seneca County	Aug. 1-31	1 .....	.....
Steuben County	Mar. 1-Apr. 30	4 .....	.....
Suffolk County	Apr. 1-May 31	1 .....	.....
Shelter Island	May 1-Sept. 30	1 .....	.....
Tompkins County	Oct. 1-31	1 .....	.....
Ulster County	Mar. 1-Oct. 31	5 .....	.....
Kingston	June 1-Oct. 31	5 .....	.....
Westchester County	Apr. 1-30	1 .....	.....
Wyoming County	June 1-30	1 .....	.....
Yates County	Mar. 1-Apr. 30	6 .....	.....
Total for State .....	.....	240	3	
North Carolina:				
Alamance County	May 1-Sept. 30	70 .....	.....
Alexander County	May 1-31	1 .....	.....
Beaufort County	May 1-31	1 .....	.....
Bladen County	May 1-31	1 .....	.....
Burke County	May 1-July 31	4 .....	.....
Cabarrus County	May 1-Sept. 30	7 .....	.....
Camden County	Aug. 1-Sept. 30	8 .....	.....
Chatham County	May 1-Sept. 30	9 .....	.....
Chowan County	May 1-Aug. 31	32 .....	.....
Cleveland County	July 1-31 .....	.....	.....	Present.
Columbus County	June 1-July 31	6 .....	.....
Davidson County	May 1-31	12 .....	.....
Davie County	May 1-Aug. 31	2 .....	.....
Durham County	June 1-30	3 .....	.....
Edgecombe County	May 1-31	1 .....	.....
Forsyth County	May 1-July 31	14 .....	.....
Franklin County	May 1-June 30	11 .....	.....
Gaston County	June 1-30	3 .....	.....
Guilford County	May 1-July 31	17 .....	.....
Greensboro	June 29-Sept. 7	17 .....	.....
Harnett County	May 1-June 30	13 .....	.....
Johnston County	May 1-July 31	50 .....	.....
Lincoln County	May 1-31	1 .....	.....
Madison County	July 1-Aug. 31	20 .....	.....
Martin County	July 1-Aug. 31	2 .....	.....
Mitchell County	July 1-31	20 .....	.....
Nash County	May 1-Aug. 31	4 .....	.....
New Hanover County, Wil-	May 1-July 10	11 .....	.....	Aug. 1-Sept. 30. Present.
mington included.				

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Orange County	July 1-Sept. 30....	10	.....
Pender County	July 1-31.....	1	.....
Pitt County	Aug. 1-31.....	1	.....
Robeson County.....	May 1-31.....	5	.....
Rockingham County	Aug. 1-31.....	9	.....
Rowan County	May 1-July 31....	14	.....
Rutherford County	June 1-30.....	2	.....
Sampson County	July 1-31.....	2	.....
Union County	July 1-31.....	1	.....
Wake County	May 1-July 31....	74	.....
Warren County	Aug. 1-Sept. 30....	9	.....
Watauga County	July 1-Sept. 30....	25	.....
Wayne County	Aug. 1-31.....	1	.....
Total for State.....		494	.....
North Dakota:				
Ramsey County—				
Devils Lake	Oct. 1-Nov. 14....	48	.....
Terry	Nov. 1-14.....	.....	.....	Present.
Penn	Nov. 1-14.....	.....	.....	Do.
Total for State.....		48	.....
Ohio:				
Cleveland	June 22-28.....	4	.....
Cincinnati	June 30-Nov. 22....	9	.....
Columbus	June 1-30.....	3	.....
Dayton	Aug. 25-Sept. 21....	2	.....
Hamilton	Mar. 17-June 27....	21	.....
Toledo	May 19-July 25....	30	.....
Total for State.....		69	.....
Oregon:				
General	Mar. 1-31.....	15	1	
Baker County	Apr. 1-July 31....	8	.....
Clatsop County	July 1-31.....	1	.....
Columbia County.....	June 1-30.....	1	.....
Coos County	July 1-31.....	3	.....
Douglas County	Apr. 1-30.....	1	.....
Grant County	Aug. 1-31.....	1	.....
Klamath County.....	Apr. 1-30.....	1	.....
Linn County.....	May 1-Aug. 31....	5	.....
Marion County	May 1-31.....	1	.....
Multnomah County	Apr. 1-July 31....	1	.....
Portland	May 1-Sept. 30....	7	.....
Union County	Apr. 1-July 31....	13	.....
Wasco County	Apr. 1-30.....	1	.....
Washington County.....	Apr. 1-May 31....	2	.....
Total for State.....		61	1	
Pennsylvania:				
Altoona	Nov. 3-9.....	2	.....
Homestead	June 8-21.....	2	.....
New Castle	June 1-30.....	3	.....
Oil City	July 3-13.....	2	.....
Philadelphia	July 7-13.....	1	.....
Spring City	Aug. 19-Sept. 6....	1	.....
Total for State.....		11	.....
South Dakota:				
Sioux Falls	Aug. 11-24.....	2	.....
Total for State.....		2	.....
Tennessee:				
Memphis	June 23-July 13....	8	.....
Nashville	June 24-Nov. 30....	27	.....
Total for State.....		35	.....
Texas:				
Galveston	June 22-28.....	1	.....
Houston	Apr. 28-July 27....	50	1	
San Antonio.....	June 16-Nov. 23....	18	.....
Temple	Sept. 28.....	2	.....
Total for State.....		71	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Utah:				
Salt Lake County, Salt Lake City.	June 1-Oct. 31....	28	.....
Summit County.....	Sept. 1-30.....	5	.....
Uintah County.....	May 1-31.....	1	.....
Wasatch County.....	May 1-Sept. 30....	28	.....
Weber County.....	June 1-30.....	3	.....
Total for State.....		65	.....
Vermont:				
Marshfield.....	July 15-Sept. 4....	6	.....
West Berlin.....	Apr. 26-Aug. 20....	43	.....
Total for State.....		49	.....
Virginia:				
Amherst County.....	Apr. 1-30.....	3	.....	Present.
Appomattox County.....	Apr. 1-May 31.....	5	.....
Bedford County.....	Apr. 1-30.....	7	.....
Caroline County.....	Aug. 1-Sept. 30....	2	.....
Dinwiddie County.....	July 1-31.....	5	.....
Elizabeth City County.....	Apr. 1-May 31.....	3	.....
Giles County.....	Apr. 1-May 31.....	4	.....
Hanover County.....	Apr. 1-July 31.....	14	.....
Henrico County, Richmond	June 12-Nov. 23....	4	.....
Henry County.....	Aug. 1-31.....	1	.....
Lancaster County.....	July 1-31.....	9	.....	July 31, still present.
Louisa County.....	Apr. 1-July 31.....	7	.....
Mecklenburg County.....	May 1-31.....	2	.....
Nansemond County.....	Apr. 1-May 31.....	5	.....
Pittsylvania County.....	Apr. 1-Sept. 30....	3	.....
Princess Anne County.....	May 1-July 31.....	40	.....
Rockbridge County.....	Apr. 1-30.....	50	.....
Scott County.....	Apr. 1-30.....	6	.....
Smyth County.....	Apr. 1-Aug. 31.....	4	.....
Southampton County.....	May 1-31.....	1	.....
Surry County.....	Apr. 1-30.....	6	.....
Tazewell County.....	Apr. 1-30.....	2	.....
Warwick County.....	May 1-31.....	12	.....
Wise County.....	July 1-Sept. 30....	5	.....
York County.....	Apr. 1-30.....	200	.....
Total for State.....		167	.....
Washington:				
Fort Steilacoom.....	May 10-30.....	2	.....	7 imported.
Seattle.....	May 1-Oct. 31.....	82	.....
Spokane.....	June 16-Nov. 23....	67	.....
Tacoma.....	June 23-Nov. 23....	16	.....
Total for State.....		28	.....
West Virginia:				
Ripley.....	May 25-Aug. 19....	28	.....
Total for State.....		28	.....
Wisconsin:				
Ashland County.....	Apr. 1-Sept. 30....	13	.....
Barron County.....	Apr. 1-Sept. 30....	5	.....
Bayfield County.....	May 1-June 30.....	4	.....
Burnett County.....	Aug. 1-31.....	1	.....
Chippewa County.....	May 1-31.....	3	.....
Clark County.....	Aug. 1-Sept. 30....	5	.....
Crawford County.....	Apr. 1-Aug. 31.....	23	.....
Dane County.....	Apr. 1-Aug. 31.....	44	1	
Douglas County.....	Apr. 1-Sept. 30....	30	.....
Dunn County.....	May 1-Aug. 31.....	12	.....
Eau Claire County.....	Sept. 1-30.....	1	.....
Fond du Lac County.....	May 1.....	25	.....
Forest County.....	Apr. 1-June 30.....	8	.....
Grant County.....	Apr. 1.....	10	.....
Green County.....	July 1-31.....	4	.....
Green Lake County.....	Apr. 1-June 30.....	29	.....
Iowa County.....	Apr. 1-30.....	1	.....
Iron County.....	May 1-31.....	7	.....
Jefferson County.....	Apr. 1-30.....	1	.....
Juneau County.....	May 1-July 31.....	8	.....
La Crosse County.....				
La Crosse.....	Sept. 22-Nov. 23....	16	.....
Lafayette County.....	May 1-June 30.....	8	.....
Langlade County.....	May 1-June 30.....	26	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin—Continued.				
Manitowoc County, Manitowoc.	June 16-22	1	.....
Milwaukee County	Apr. 1-Aug. 31	24	.....
Milwaukee	June 16-Nov. 16	50	.....
Monroe County	June 1-30	1	.....
Outagamie County	Apr. 1-30	1	.....
Appleton	Oct. 6-12	2	.....
Oneida County	June 1-July 31	6	.....
Polk County	June 1-30	13	.....
Portage County	May 1-June 30	5	.....
Pierce County	June 1-30	3	.....
Racine County	June 1-30	3	.....
Richland County	Apr. 1-30	3	.....
Rock County	June 1-July 31	11	.....
Shawano County	May 1-31	3	.....
Trempealeau County	Aug. 1-31	5	.....
Vernon County	Apr. 1-July 31	21	.....
Washburn County	May 1-Sept. 30	31	.....
Winnebago County	June 1-30	2	.....
Waupaca County	Apr. 1-June 30	45	.....
Waushara County	May 1-July 31	7	.....
Wood County	Apr. 1-Aug. 31	9	1	
Total for State .....	.....	530	2	
Grand total, United States.	.....	5,952	17	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, August 12 to December 6, 1907.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Berkeley	Sept. 1	1	1	
Oakland	Oct. 9-23	4	4	
San Francisco ^a	Aug. 12-Dec. 1	109	65	Case Aug. 12 from ss. Samoa.
Washington:				
Seattle	Oct. 16-30	2	2	

^a A case of plague was admitted to the marine hospital, San Francisco, May 23, and died May 26, 1907. (See PUBLIC HEALTH REPORTS, June 21, 1907.)

Yellow fever in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, September 1 to December 6, 1907.

Place.	Date.	Cases.	Deaths.	Remarks.
Maryland:				
Baltimore	Sept. 1-7	1	1	At Baltimore quarantine station, from Norwegian ss. Aagot, from Daiquiri.

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

Cities.	Week ended—	Popula- tion, United States census 1900.	Total deaths from all causes.	Cases and deaths.																					
				Tuber- culosis.		Yellow fever.		Small- pox.		Vario- loid.		Chol- era.		Typhus fever.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	Nov. 23	38,973	16													1	2	7		1	1				
Ann Arbor, Mich.	Nov. 16	14,509	2																						
Augusta, Ga.	Nov. 19	39,441	22	3	3											21	6	14		1	3	17		1	
Baltimore, Md.	Nov. 23	508,957	192	12	20															2	2				
Bayonne, N. J.	do	32,722																							
Beverly, Ill.	Nov. 16	17,484	9	1				3												1	1				
Biddeford, Me.	Nov. 23	16,145	3																						
Binghamton, N. Y.	do	38,647	16													14	1	44		41	6	12			
Boston, Mass.	do	560,892	198	37	21											1				1	1				
Bradock, Pa.	do	15,564	13													3				3					
Brooklyn, Mass.	do	40,063	12	2	1											1	1	3		8	1				
Cambridge, Mass.	do	91,896	20	6	1											3	5	1	10	2					
Camden, N. J.	do	76,835	32	3	1											3									
Camden, S. C.	do	12,441	0													1				3					
Carbondale, Pa.	do	13,536	5																						
Charlotte, N. C.	do	18,091	7	1	1											3	1	1		1					
Chelsea, Mass.	do	34,072	15	1	1											18	12	89	10	117	5	39	6	2	
Chicago, Ill.	do	1,698,575	535	30	69			2																	
Chicopee, Mass.	do	19,167	6	1	1																				
Cincinnati, Ohio	Nov. 22	325,902	119	13	18			2								7	2	11	2	21	3	17			
Cleveland, Ohio.	do	381,768	132	39	14											9	2	23	1	24	4	36			
Clinton, Mass.	Nov. 23	18,667	6	1	1																				
Covington, Ky.	do	42,938			3																				
Danville, Ill.	do	16,854	7																	1					
Dayton, Ohio.	Nov. 23	86,333	28		3														3	2					
Dunkirk, N. Y.	do	11,616	4													3	1	4	1	1					
Elkhart, Ind.	do	15,184	2			6																			
Elmira, N. Y.	do	35,672	16	2	2											1	2	2	2	2					
Evansville, Ind.	do	59,007	15	2	2																				
Everett, Mass.	do	24,836	7																						
Fall River, Mass.	do	104,863	43	4	4											1	1	8	1	3	2	11			
Findlay, Ohio	do	17,613	5																						
Galesburg, Ill.	do	18,607	7																						
Galveston, Tex.	Nov. 22	37,789	9	1	1											10	1	1	1	1					
Gloucester, Mass.	Nov. 9	26,121	8													2		2							
Do.	Nov. 23	26,121	6	2																					

a Intervening week previously reported.

Milwaukee, Wis.	Nov. 9	285, 915	84	14	6	1	1	9	2	7	19	1	6	...	...
Do.	Nov. 16	285, 315	81	11	6	1	1	6	7	7	1	23	4	8	2
Moline, Ill.	Nov. 24	17, 248	11	...	...	...	...	...	...	...	...	...	...	...	...
Montclair, N. J.	Nov. 23	13, 962	4	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery, Ala.	Nov. 22	30, 346	13	...	...	...	...	...	...	...	...	...	...	...	...
Mount Vernon, N. Y.	Nov. 23	21, 228	6	4	...	...	...	...	...	...	...	...	...	...	...
Nanticoke, Pa.	Nov. 25	12, 616	1	...	...	...	...	...	...	...	...	...	...	...	...
Nashville, Tenn.	Nov. 23	80, 865	42	1	9	7	...	...	...	...	...	...	...	...	...
Nebraska City, Nebr.	do	7, 200	2	4	...	...	...	...	...	...	...	...	...	...	...
Newark, N. J.	do	246, 070	109	17	...	...	...	...	...	...	...	...	...	...	...
New Bedford, Mass.	do	63, 442	21	2	...	...	...	...	...	...	...	...	...	...	...
Newburyport, Mass.	do	14, 478	...	...	...	...	...	...	...	...	...	...	...	...	...
New Orleans, La.	do	278, 104	156	20	23	...	...	...	...	...	...	...	...	...	...
Newton, Mass.	do	33, 587	14	3	...	...	...	...	...	...	...	...	...	...	...
New York, N. Y.	do	3, 437, 202	1, 322	345	154	...	...	...	...	...	...	...	...	...	...
Niagara Falls, N. Y.	do	19, 467	8	1	...	...	...	...	...	...	...	...	...	...	...
Norristown, Pa.	do	22, 265	10	1	1	...	...	...	...	...	...	...	...	...	...
North Adams, Mass.	do	24, 200	9	1	1	...	...	...	...	...	...	...	...	...	...
Northampton, Mass.	do	18, 643	12	...	...	...	...	...	...	...	...	...	...	...	...
Ottumwa, Iowa	Nov. 2	18, 197	...	2	...	2	...	...	...	...	...	...	...	...	...
Do.	Nov. 9	18, 197	...	...	...	...	...	...	...	...	...	...	...	...	...
Do.	Nov. 23	18, 197	...	...	...	...	...	...	...	...	...	...	...	...	...
Palmer, Mass.	do	7, 801	...	...	...	...	...	...	...	...	...	...	...	...	...
Pittsburg, Pa.	Nov. 16	321, 616	161	11	12	...	...	...	...	...	...	...	...	...	...
Plainfield, N. J.	Nov. 23	15, 389	8	1	...	...	...	...	...	...	...	...	...	...	...
Port Huron, Mich.	do	19, 158	2	...	...	...	...	...	...	...	...	...	...	...	...
Portsmouth, N. H.	do	10, 637	...	...	...	...	...	...	...	...	...	...	...	...	...
Providence, R. I.	do	175, 597	76	9	9	...	...	...	...	...	...	...	...	...	...
Quincy, Mass.	do	23, 989	8	1	1	...	...	...	...	...	...	...	...	...	...
Reading, Pa.	Nov. 25	78, 981	32	1	3	...	...	...	...	...	...	...	...	...	...
Richmond, Va.	Nov. 23	85, 050	35	3	4	...	...	...	...	...	...	...	...	...	...
Rutland, Vt.	do	11, 499	3	...	...	2	...	...	...	...	...	...	...	...	...
St. Louis, Mo.	do	575, 238	166	49	22	...	...	...	...	...	...	...	...	...	...
Sandusky, Ohio	Nov. 16	19, 664	6	1	1	...	...	...	...	...	...	...	...	...	...
San Francisco, Cal.	Nov. 9	342, 782	122	16	16	...	...	...	...	...	...	...	...	...	...
Do.	Nov. 16	342, 782	127	17	15	...	...	...	...	...	...	...	...	...	...
Do.	Nov. 23	10, 266	2	...	...	...	...	...	...	...	...	...	...	...	...
Sioux Falls, S. Dak.	Nov. 23	61, 643	23	2	3	...	...	...	...	...	...	...	...	...	...
Somerville, Mass.	do	35, 999	5	1	1	...	...	...	...	...	...	...	...	...	...
South Bend, Ind.	do	38, 848	29	1	2	...	...	...	...	...	...	...	...	...	...
Spokane, Wash.	Nov. 16	34, 159	15	...	...	7	...	...	...	...	...	...	...	...	...
Springfield, Ill.	Nov. 21	62, 059	23	2	...	15	...	...	...	...	...	...	...	...	...
Springfield, Mass.	Nov. 23	38, 253	8	...	...	...	...	...	...	...	...	...	...	...	...
Springfield, Ohio	do	12, 068	4	...	...	...	...	...	...	...	...	...	...	...	...
Steelton, Pa.	do	37, 714	20	4	...	...	...	...	...	...	...	...	...	...	...
Tacoma, Wash.	Nov. 16	31, 036	18	1	...	2	...	...	...	...	...	...	...	...	...
Taunton, Mass.	Nov. 2	31, 036	14	1	2	...	...	...	...	...	...	...	...	...	...
Do.	Nov. 23	36, 673	9	...	...	...	...	...	...	...	...	...	...	...	...
Terre Haute, Ind.	Nov. 9	36, 673	16	...	...	...	...	...	...	...	...	...	...	...	...
Do.	Nov. 23	8, 244	2	...	...	...	...	...	...	...	...	...	...	...	...
Titusville, Pa.	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...

a Intervening week previously reported.

FOREIGN AND INSULAR.

ALGERIA.

Report from Algiers—Maritime quarantine measures against plague—Rat destruction.

Consul Johnston reports, November 11:

Bubonic plague appears to be spreading throughout Algeria and Tunis.

In addition to the ports already infected (Oran, Bone, and Tunis), plague has now broken out in Philippeville, where there are several cases under observation.

The maritime authorities are taking very stringent measures to stamp out the disease, especially in Algiers, where all vessels from contaminated ports are thoroughly disinfected. The destruction of rats and mice is carried out very systematically, not only on board vessels entering, but also on board the port lighters and tugs, on the wharfs, and in the stores and warehouses.

Report from Oran—Last plague case discharged—Plague infection found in rats.

Consul Johnston further reports, November 16:

One case in treatment since October 31 has been discharged from hospital. Several rats caught at the docks have been proved plague infected.

AUSTRALIA.

Plague at Cairns—Examination of rodents for plague infection at Brisbane, Cairns, and Sydney.

The following information is taken from plague bulletins issued by the departments of health of Queensland and New South Wales, and forwarded by Consul-General Bray, at Melbourne:

QUEENSLAND—Brisbane.—Week ended October 5. Rodents destroyed, 301; examined, 214; found infected, 2.

Week ended October 12. Rodents destroyed, 464; examined, 345; found infected, none.

Cairns.—Week ended October 5. Plague case reported September 28; September 30, 2 plague cases, 1 of which ended fatally October 1; October 3, 1 plague case. Total cases to date, 9; deaths, 4. Total number rats destroyed during the week, 191; examined, 40; found infected, 10.

Week ended October 12. Fatal plague case verified October 8. Cases to date, 10; deaths, 5. Rodents destroyed during the week, 162; examined, 33; found infected, 10.

NEW SOUTH WALES—*Sydney*. Week ended October 5. Rodents destroyed, 2,009; examined, 469; found infected, 1.

Week ended October 12. Rodents destroyed, 1,800; examined, 513; found infected, none. Date of last infected rodent found, May 10; on fresh premises, May 9.

BRAZIL.

Reports from Rio de Janeiro—Inspection of vessels—Mortality—Plague and smallpox—Plague on steamship Orleanais from Marseille via Spanish ports, Gibraltar, and Teneriffe.

Acting Assistant Surgeon Stewart reports, November 5 and 8:

Two weeks ended November 3. During this period bills of health were issued to the following-named vessels: October 22, the Italian ship *Annie*, for Pascagoula, in stone ballast, with no passengers, and with no change in personnel; October 23, the British steamship *Monbana*, for Baltimore, Md., in water ballast, with no passengers, and with no change in the crew; October 24, the British steamship *Horace*, for New Orleans, La., with a cargo of coffee, no passengers, and with no change in the ship's personnel; October 25, the Portuguese bark *Uniao*, for New Orleans, La., in stone ballast, with no passengers, and with no change in the personnel of the crew; October 26, the British steamship *Spartan Prince*, for New York, with a cargo of coffee, 8 steerage passengers, and 2 new members of the crew taken on here, and the British steamship *Hero*, for New York, in a cargo of coffee, no passengers, and with 1 new member of the crew signed on here; October 28, the Norwegian steamship *Nordpol*, for New York, in a cargo of coffee, no passengers, and no change in personnel; October 29, the British steamship *Barra*, for Gulfport, in water ballast, with no passengers, and no change in the personnel; and October 31, the British steamship *Domira*, for Gulfport, in water ballast, and with no change in the personnel.

Mortality of Rio de Janeiro.—Week ended October 27. Total deaths, 250. Yellow fever caused no deaths, nor were there any cases of this disease. Bubonic plague caused 4 deaths, with 8 new cases, and smallpox caused 5 deaths, with 11 new reported cases. At the close of the week there were in the Hospital São Sebastião no cases of yellow fever, 17 cases of smallpox, and 11 cases of plague.

Mortality in Rio de Janeiro, Brazil.—Week ended November 3. Total deaths, 231. No cases nor deaths due to yellow fever (it is now six weeks since there has been a case of this disease in Rio), 2 deaths due to bubonic plague, with 6 new reported cases, and 4 deaths due to smallpox, with 14 new reported cases. At the close of the week there were in the Hospital São Sebastião no cases of yellow fever under treatment, 17 cases of smallpox, and 15 cases of bubonic plague.

October 30 there arrived here in port the French steamship *Orleanais*, with bubonic plague on board. The vessel came here from Marseille, touching at Valencia, Malaga, Gibraltar, and Teneriffe.

After leaving the last named port, the first 2 fatal cases occurred. By the date of the arrival of the *Orleanais* at Rio there were 5 men ill from this disease—all passengers. The cases were removed to the Hospital São Sebastião, and the vessel was remanded to Isla Grande quarantine station for disinfection. The *Orleanais* had on board 877 passengers, of whom 102 were for this port, 49 for Santos, and the remainder for the River Plata.

The vessel left here, after her return from Isla Grande, for the southern ports of her itinerary.

CUBA.

*Report from Cienfuegos—Inspection and fumigation of vessels—
Summary of yellow fever.*

Acting Assistant Surgeon Marsillan reports, November 18:
Week ended November 16—

Vessels inspected	5
Vessels inspected and fumigated	2
Bills of health issued	7
Members of crews inspected	211
Members of crews inspected taken on here	1
Cabin passengers inspected in transit	3

The British steamship *E. O. Saltmarsh*, from Manzanillo, Cuba, bound to Pensacola was fumigated November 13. The British bark *Alexander Black*, from Mobile, Ala., for the same port, was fumigated November 16.

No new cases of yellow fever were reported during last week.

Statistics of cases of yellow fever: Total cases to date, 74; recoveries, 54; deaths, 20. There is no case under treatment.

All the cases of yellow fever of late have been among Spaniards, with the exception of one American soldier at Ciego de Avila, in the Province of Puerto Principe, more than 200 miles from here. Disinfection and sanitation are being carried on at Ciego de Avila.

Report from Habana—Inspection and fumigation of vessels—Yellow fever in Camaguey, Habana, Matanzas, and Santa Clara Provinces—Statement of yellow fever cases and foci present in Cuba.

Passed Assistant Surgeon Amesse reports, November 25:
Week ended November 23.

Vessels inspected and bills of health issued	19
Vessels not inspected and bills of health issued	2
Members of crews of outgoing vessels inspected	998
Members of crews of outgoing vessels not inspected	80
Passengers of outgoing vessels inspected	372
Persons entering Triscornia for observation prior to sailing	21
Persons transferred from Triscornia to vessels	86
Certificates of immunity to yellow fever issued	24
Vessels fumigated prior to sailing	11

At Alacranes, Matanzas Province, the case confirmed on November 15, terminated fatally on November 17, and a further case has developed.

From Santa Clara 1 death from yellow fever was reported on November 21. The deceased, a Spaniard, had been ill seven days without medical attendance. Of the 4 suspicious cases reported last week, 2 were confirmed on November 18, both Americans.

One death also occurred on November 17 in the American camp at Ciego de Avila, leaving the following cases and foci at the close of the week, for the island: Cienfuegos 4 cases, Santa Clara 2, Alacranes, Habana, Ciego de Avila, 1 each.

On November 22 the provisional governor issued a decree, transferring the Cuban maritime quarantine from the Treasury Department to the national board of health, with a view of concentrating all sanitary interests in one body.

December 2. A case of yellow fever from Union de Reyes, under treatment since November 29 at Covadonga Hospital, Habana, resulted fatally to-day. One case of yellow fever at Bainoa, Habana Province.

December 3. Another case of yellow fever at Bainoa. Case reported yesterday at that point, a Cuban, sick since November 24, resulted in death December 1.

Report from Matanzas—Inspection and fumigation of vessels—History of yellow fever case at Alacranes—Measures to prevent spread.

Acting Assistant Surgeon Nuñez reports, November 27:

Week ended November 23. Three bills of health were issued to vessels bound for United States ports. Of these, the Norwegian steamship *Ole Bull*, with 21 in the crew and no passengers, clearing for Mobile, Ala., and the British steamship *Wilhelmina*, having a crew of 27 and no passengers, were fumigated on November 22 and 23, respectively.

On November 21 a new case of yellow fever was confirmed at Alacranes, a Spanish woman, whose husband died at the place of the same disease November 17. She arrived from Spain two years ago and had been living at Alacranes since her arrival in Cuba. She was taken sick on November 18, detected as suspicious, and isolated at the same town on the following day. She died November 24.

The house where these cases originated has been refumigated, as also the entire block surrounding it, and every water container is being periodically oiled throughout the town.

Report from Santiago—Inspection and fumigation of vessels.

Acting Assistant Surgeon Wilson reports, November 19:

Week ended November 16. Bills of health issued to 7 vessels bound for the United States and its dependencies. The Cuban steamship *Maria Herrera*, bound for San Juan, P. R., was fumigated to kill mosquitoes.

No quarantinable disease has been reported.

GERMANY.

Reports from Berlin—Status of cholera in Russia—Summary of cholera from July 16 to October 29.

The following is received from Consul-General Thackara, under dates of November 14 and 16:

According to the official statistics issued by the Russian Government and reprinted in the weekly bulletin of the imperial health office at Berlin, there were registered in the Russian Empire during the period from October 16 to 25 1,349 new cases of cholera and 547 deaths.

In the city of Kief during the period from October 22 to 27 there were registered 204 cases of cholera and 90 deaths.

In the city of Ekaterinoslaw during the period from October 17 to 25 there were registered 90 cases of cholera and 36 deaths.

According to official statistics furnished by the Russian Government and published in the weekly bulletin of the imperial health office at Berlin, there have been registered in the whole of the Russian Empire from July 16, 1907 (the date of the outbreak of the disease), to October 29, 10,107 cases of cholera and 4,772 deaths, of which 614 cases and 318 deaths occurred during the period from October 23 to 29. Of the cases and deaths in the last week reported in October, there were registered 202 cases of cholera and 68 deaths in the city limits of Kief; 74 cases and 31 deaths in the Government district of Kief; 42 cases and 16 deaths in Samara; in the city and Government district of Kasan, 20 cases and 24 deaths; in the city and Government district of Nishni Novgorod, 7 cases and 10 deaths; in Saratow (including Zarizyn), 5 cases and 2 deaths; in Simbirsksk, 6 cases and 2 deaths; in Jaroslaw, 4 cases and 1 death; in the Government district of Kostroma, 14 cases and 6 deaths; in Ekaterinoslaw, 32 cases and 21 deaths, and in the Government district of Ufa, 5 cases and 5 deaths.

HAWAII.

Report from Honolulu—Examination of rats for plague infection.

Passed Assistant Surgeon Currie reports that during the week ended November 9, 139 rats were examined bacteriologically at the plague laboratory of the service at Honolulu. Plague infection was proven in one rat, sent from Hilo proper.

Fumigation of interisland steamships ordered—Energetic measures for rat destruction to be carried out at Hilo.

Doctor Currie further reports, November 9:

Because of the existence of rat infection with plague at Hilo, all interisland steamships will be fumigated as soon as they reach port. These steamships will be required to observe the same rat precautions which are now required of all vessels plying between here and the mainland. An energetic campaign will be instituted against the rats in Hilo. The rat catchers of this city have been directed to concentrate their efforts along the water front. Outgoing quarantine was begun at Hilo October 31, 1907.

INDIA.

Reports from Calcutta—Transactions of Service—Cholera, plague, and smallpox—Plague in India and Bengal.

Acting Assistant Surgeon Eakins reports, October 31:

Week ended October 26. Bill of health issued to the steamship *Rotterdam*, bound for Boston and New York with a total crew of 37. The usual precautions were taken, holds fumigated, rat guards placed on wharf lines and lascars' effects disinfected.

During the week ended October 12, there were in Calcutta 39 deaths from cholera, 6 deaths from plague, and 2 deaths from smallpox; and during the week ended October 19, 62 deaths from cholera, 8 deaths from plague, and 1 death from smallpox.

In Bengal during the week ended October 12, there were 92 cases and 66 deaths from plague, and during the week ended October 19, there were 46 cases and 43 deaths.

In all India there were during the week ended October 12, 13,349 cases and 9,277 deaths from plague; and during the week ended October 19, 12,987 cases of this disease, with 9,338 deaths.

Plague in Burma.

The following is received from Consul-General Michael, under date of October 31:

The general death rate of the week was 30.5 per mille per annum, against 26.9, the mean of the last five years.

There was a further decrease of plague during the month of September, the figures showing 381 cases and 361 deaths, as compared with 551 cases and 499 deaths in August, and 721 cases and 622 deaths in July. The decrease was most marked in the Pegu, Bassein, Henzada, and Amherst districts. In Rangoon town there were 110 deaths in the month, as compared with 128 in August. Twenty cases and 18 deaths were reported in September from the northern Shan States, which had previously been free from plague. No noticeable increase occurred elsewhere in the province. Plague occurred during the month in four districts in upper Burma and, exclusive of Rangoon, in twelve districts in lower Burma.

ITALY.

Report from Naples—Inspection of vessels—Emigrants recommended for rejection—Smallpox in Italy.

Acting Assistant Surgeon Buonocore reports, November 11.

Week ended November 9. Vessels inspected at Naples and Palermo:

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.
Nov. 4	Principe di Piemonte	New York	842	120	850
6	Carpathia	do			
6	Venezia	do	352	110	580
6	Sannio	do	928	80	950
8	König Albert	do	662	130	980
9	Moltke	do	465	90	550
	Total		3,249	530	3,910

PALERMO.

Nov. 6	Principe di Piemonte	New York	309	575	230
7	Sannio	do	325	500	270
	Total		634	1,075	500

Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Nov. 4	Principe di Piemonte	27	2	25		8	62
6	Carpathia						
6	Venezia	13	1	4		1	19
6	Sannio	46	2	32		2	82
8	König Albert	15	2	8	1	2	23
9	Moltke	11		13	1	4	29
	Total	112	7	77	2	17	215

PALERMO.

Nov. 6	Principe di Piemonte	12		19		3	34
7	Sannio	19		14		2	35
	Total	31		33		5	69

Smallpox.—Week ended November 7, 1907, following reports were officially registered: Cases, Milan, 1; Pietrogalla (Potenza), 14; Citanova (Reggio Calabria), 13; Caltanissetta, 2; Alcamo (Trapani), 4.

MEXICO.

Report from Coatzacoalcas—Inspection of vessels.

Acting Assistant Surgeon Thompson reports, November 17:

November 15, inspected the British steamship *Cedar Grove*, bound for New Orleans via Progreso with no cargo, 24 members of crew,

no passengers, and the American steamship *American*, bound for New York with a general cargo, 44 members of crew, and no passengers.

Report from City of Mexico—Comparative statistics of typhus fever during 1906 and from January to October, inclusive, 1907.

The following is received from Consul-General Gottschalk:

	1906.			1907.		
	Daily average of cases received.	Per cent of deaths.	Daily average of cases in hospital.	Daily average of cases received.	Per cent of deaths.	Daily average of cases in hospital.
January	10	24.2	102	4.3	22.6	51
February	14	25	156	4.5	20.6	52
March	13	21.5	157	4.8	19.5	63
April	11	22.8	164	4.7	16.4	63
May	8	22.1	127	3	18.5	45
June	5	18	71	2.5	17.1	32
July	5	14.9	76	2.1	18.5	30
August	6	24.8	70	2.5	19.7	27
September	5	17.5	64	2	22	22
October	5	15.4	61	2	20.9	24
November	4.5	13.2	55			
December	3.5	13.9	40			

Report from Salina Cruz—Health conditions good.

Acting Assistant Surgeon McPherson reports, November 16:

During the period November 1 to 15, inclusive, no vessels cleared from Salina Cruz for the United States or possessions.

Health conditions in Salina Cruz and district continue excellent.

Report from Veracruz—Inspection of vessels.

Acting Assistant Surgeon Frick reports, November 18:

Week ended November 16.

November 11. Inspected the Norwegian steamship *Norheim*, bound for New Orleans, with 19 in the crew; vessel sails in a small general cargo.

November 14. Inspected the German steamship *Emmie Arp*, bound for New Orleans, with 21 in the crew; vessel sails in ballast. Inspected the American steamship *Monterey*, bound for New York via Progreso and Habana, with 98 in the crew, 70 cabin, and 142 steerage passengers; vessel sails in general cargo.

November 15. Inspected the British steamship *Logician*, bound for Galveston, with 40 in the crew; vessel sails in ballast.

November 16. Inspected the British steamship *Cayo Bonito*, bound for Galveston via Mexican ports, with 32 in the crew; vessel sails in general cargo. Inspected the British steamship *John Bright*, bound for an American port via Mexican ports, with 26 in the crew; vessel sails in ballast. A bill of health was issued the Norwegian steamship *City of Mexico*.

No quarantinable disease was reported during the week.

PHILIPPINE ISLANDS.

Report from Manila—Cholera—Inspection of vessels.

Chief Quarantine Officer Heiser reports, October 23:

Week ended October 19. Quarantinable diseases were reported for the city of Manila as follows: Cholera—23 cases and 21 deaths.

During the week consular bills of health were issued as follows:

October 13 the British steamship *Changsha*, with 72 crew and 20 passengers, en route from Yokohama to Zamboagna, was granted a supplemental bill of health. All persons on board inspected at the hour of sailing. October 18 the Norwegian steamship *Fri*, with 36 crew, en route from Saigon to Iloilo, was granted a supplemental bill of health after the usual inspection.

October 19 the German steamship *Fiume*, with 32 crew, en route from Saigon to Iloilo, was granted a supplemental bill of health. Crew quarantined on board while in this port and inspected prior to departure.

October 19 the British steamship *Kumeric*, with 40 crew, en route from Glasgow to Tacoma, was granted a supplemental bill of health. Personnel and cargo inspected and passed.

Quarantine transactions of the service in the Philippine Islands during the month of September, 1907.

PORT OF MANILA.

Bills of health issued.....	90
Vessels inspected.....	198
Passengers on arriving vessels inspected.....	5, 650
Persons vaccinated.....	40
Members of crews on arriving vessels inspected.....	8, 717
Persons bathed and effects disinfected.....	113
Vessels disinfected.....	2
Vessels fumigated to exterminate vermin.....	4

Outgoing.

Vessels sailing without quarantine inspected and passed.....	49
Vessel disinfected.....	1
Members of crews on vessels inspected.....	2, 303
Passengers on vessels inspected.....	1, 448
Members of crews bathed and effects disinfected.....	171
Passengers bathed and effects disinfected.....	684
Pieces of baggage disinfected.....	2, 076
Pieces of baggage inspected and passed.....	3, 225
Pieces of miscellaneous cargo certified.....	28, 664

PORT OF ILOILO.

Bills of health issued.....	15
Vessels inspected.....	86
Passengers on arriving vessels inspected.....	620
Members of crews on arriving vessels inspected.....	2, 237

PORT OF CEBU.

Bills of health issued.....	13
Vessels inspected.....	173
Passengers on arriving vessels inspected.....	1, 293
Members of crews on arriving vessels inspected.....	4, 474

PORT OF CAVITE.

Bill of health issued----- 1

PORT OF OLONGAPO.

Vessels inspected----- 1
 Passengers on arriving vessels inspected----- 139
 Members of crews on arriving vessels inspected----- 124

PORT OF ZAMBOANGA.

Vessels inspected----- 7
 Passengers on arriving vessels inspected----- 149
 Members of crews on arriving vessels inspected----- 410

PORT OF JOLO.

Vessels inspected----- 3
 Passengers on arriving vessels inspected----- 35
 Members of crews on arriving vessels inspected----- 117

TUNIS.

Report from Tunis—No further cases of plague.

Consul Proux reports, November 9:

No further cases of plague have been reported since November 2.

TURKEY.

Report from Constantinople—Port declared clean.

Information was received from the Department of State, November 29, of receipt of cablegram from the American consul-general, under date of November 27, reading as follows: "Port clean."

NOTE.—Cholera was reported present at Constantinople, November 16. See Public Health Reports, November 22, 1907, page 1702.

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

ALGERIA—*Algiers*.—Month of October, 1907. Estimated population, 155,000. Total number of deaths, 249, including 4 from enteric fever, 2 from measles, 2 from smallpox, 5 from diphtheria, and 45 from tuberculosis.

ARGENTINA—*Rosario*.—Month of August, 1907. Total number of deaths, 239, including diphtheria 2, enteric fever 3, measles 3, scarlet fever 1, smallpox 1, whooping cough 1, and 34 from tuberculosis.

AUSTRALIA—*Sydney*.—Month of September, 1907. Estimated population, 538,800. Total number of deaths, 524, including diphtheria 1, enteric fever 4, measles 14, scarlet fever 2, whooping cough 14, and 46 from tuberculosis.

BRAZIL—*São Paulo, Santos, and Campinas*.—Week ended October 20, 1907. Estimated population, 300,000. Total number of deaths, 213, including measles 4, enteric fever 4, and 15 from tuberculosis.

Pernambuco.—Two weeks ended September 15, 1907. Estimated population, 210,000. Total number of deaths, 334, including small-pox 82, plague 1, malarial fever 18, leprosy 1, and 44 from tuberculosis.

COSTA RICA—*San Jose*.—Month of October, 1907. Estimated population, 25,525. Total number of deaths, 42, including whooping cough 1, and 2 from tuberculosis.

CUBA.—Month of October, 1907. Reports from the 6 provinces, having an aggregate population of 1,572,797, show as follows: Deaths from contagious diseases: Diphtheria 11, enteric fever 17, yellow fever 10, and 181 from tuberculosis.

DUTCH GUIANA—*Paramaribo*.—Month of October, 1907. Estimated population, 34,085. Total number of deaths, 92. No deaths from contagious diseases reported. Malarial fever prevalent.

FRANCE—*Cherbourg*.—Month of October, 1907. Estimated population, 43,948. Total number of deaths, 71, including enteric fever 12, and 3 from tuberculosis.

Nice.—Month of October, 1907. Estimated population, 150,881. Total number of deaths, 178, including 3 from enteric fever.

Roubaix.—Month of October, 1907. Estimated population, 121,115. Total number of deaths, 136, including 24 from tuberculosis.

GERMANY—*Weimar*.—Month of October, 1907. Estimated population, 31,127. Total number of deaths, 36, including diphtheria 1, and 8 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended November 9, 1907, correspond to an annual rate of 14.6 per 1,000 of population, which is estimated at 16,624,458.

London.—One thousand two hundred and sixty-nine deaths were registered during the week, including measles 28, scarlet fever 16, diphtheria 18, enteric fever 6, whooping cough 13, tuberculosis 146, and 36 from diarrhea. The deaths from all causes correspond to an annual rate of 13.9 per 1,000. In Greater London 1,730 deaths were registered. In the "outer ring" the deaths included 6 from diphtheria, 1 from measles, 7 from scarlet fever, and 1 from whooping cough.

Salford.—Two weeks ended November 9, 1907. Estimated population, 236,670. Total number of deaths, 145, including diphtheria 4, measles 2, scarlet fever 6, whooping cough 1, and phthisis pulmonalis 11.

Ireland.—The average annual death rate represented by the deaths registered during the week ended November 9, 1907, in the 21 prin-

cipal town districts of Ireland was 20 per 1,000 of the population, which is estimated at 1,117,547. The lowest rate was recorded in Lisburn, viz, 4.5, and the highest in Galway, viz, 35.0 per 1,000. In Dublin and suburbs 178 deaths were registered, including diphtheria 2, enteric fever 2, measles 2, whooping cough 2, and 33 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended November 9, 1907, correspond to an annual rate of 15.3 per 1,000 of the population, which is estimated at 1,812,171. The highest rate of mortality was recorded in Greenock, viz, 19.0, and the lowest in Aberdeen, viz, 11.7 per 1,000. The aggregate number of deaths registered from all causes was 530, including diphtheria 5, enteric fever 1, measles 29, scarlet fever 3, and 14 from whooping cough.

OCEANIA—Norfolk Island.—Quarter ended September 30, 1907. Estimated population, 971. Total number of deaths, 5; whooping cough 1, and 4 from tuberculosis.

SPAIN—Almeria.—Month of October, 1907. Estimated population, 46,806. Total number of deaths, 90, including enteric fever 1, measles 2, smallpox 10, and 8 from tuberculosis.

Barcelona.—Ten days ended November 10, 1907. Estimated population, 600,000. Total number of deaths, 389, including diphtheria 3, enteric fever 30, scarlet fever 2, smallpox 2, and 25 from tuberculosis.

Cadiz.—Month of October, 1907. Estimated population, 60,382. Total number of deaths, 152, including whooping cough 2, smallpox 16, and 35 from tuberculosis.

WEST INDIES—St. Christopher.—Four weeks ended November 16, 1907. Estimated population, 49,289. Total number of deaths, 99, including 2 from tuberculosis.

St. Thomas.—Three months ended September 30, 1907. Estimated population, 11,002. Total number of deaths, 109, including enteric fever 3, and 8 from phthisis pulmonalis.

Cholera, yellow fever, plague, and smallpox from June 28 to December 6, 1907.

[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 December 28, 1906, to June 28, 1907, see PUBLIC HEALTH REPORTS for June 28, 1907.]

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria—Algiers	Aug. 1-31 .....	.....	2	Quarantined without the city limits.
Ceylon—Point de Galle.....	June 16-22 .....	.....	2	
China:				
Amoy	June 30-July 6 .....	.....	.....	Kulangsu, 8 deaths daily, estimated. Aug. 3, still present.
Hankow	Aug. 24-Sept. 14	7	4	
Hongkong.....	Sept. 8-14	1	.....

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China—Continued.				
Shanghai.....	Aug. 4-Sept. 29....	a 23	467	Present on R. R. to Tongshan. 3 cases and 2 deaths from steam- ship from Shanghai. Burma Province, 1906, 7,872 deaths.
Shanghaiwan.....	Sept. 2.....			
Tientsin.....	Aug. 15-Oct. 5....		11	
India.....				
Bombay.....	May 29-Oct. 22....		386	From Nov. 1 to June 29, 16,675 cases and 9,705 deaths.
Calcutta.....	May 12-Oct. 19....		866	
Cochin.....	May 4-Oct. 4.....		93	
Kashmir.....	May 11-July 9....	10,555	6,563	
Madras.....	July 6-Oct. 25....		588	
Moulmine.....	May 5-July 27....	42	1	
Negapatam.....	Oct. 5-11.....		7	And 83 cases in vicinity Sept. 9. Present.
Rangoon.....	May 12-Oct. 12....		40	
Japan, general.....	Sept. 1-Oct. 5....	2,944	736	
Chiba pref.....	Oct. 19-21.....	28	6	
Ehime Ken.....	Sept. 1-13.....	2		
Formosa.....	Sept. 8-Oct. 5....	2	1	
Fukawa.....	To Oct. 5.....	961		
Fukuoka Ken.....	Aug. 19-Sept. 13..	687		
Moji.....	Aug. 19-Oct. 8....	512	400	
Haneda.....	Oct. 19.....			
Hieroshima Ken.....	Sept. 1-Oct. 8....	30		
Hyogo Ken.....	Aug. 24-Sept. 13..	102		
Kobé.....	Aug. 24-Oct. 26....	432	110	
Kagashima.....	Sept. 1-Oct. 5....	15		
Kagawa Ken.....	Sept. 1-Oct. 12....	28		
Nagasaki Ken.....	Aug. 30-Oct. 12....	61	2	
Nagatsu.....	Aug. 31.....			
Nara.....	Sept. 1.....	1		
Ohita Ken.....	Sept. 1-Oct. 12....	120		
Okayama.....	Sept. 1-Oct. 12....	10		
Okugori.....	Sept. 1-9.....	27		
Osaka.....	Aug. 24-Oct. 12....	248	179	
Saga Ken.....	Sept. 1-Oct. 12....	74		
Saseho.....	Sept. 1.....			
Tokyo.....	Sept. 1-Oct. 5....	12		
Wakama Ken.....	Sept. 1-13.....	1		
Yamaguchi Ken.....	Sept. 1-Oct. 5....	276		
Shimonoseki.....	Aug. 4-Oct. 8....	82	55	
Yokohama.....	July 28-Oct. 28....	67	41	
Yokosuka.....	Oct. 19.....			
Korea.....	Sept. 11.....			
Nakanoshima Island.....	Sept. 11.....	11	2	
Seoul.....	Sept. 26.....			
Manchuria:				Do.
Antung.....	Oct. 21.....			
Dalny.....	Sept. 15-Oct. 19....	20	11	
Port Arthur.....	Sept. 15-24.....	4	4	
Philippine Islands:				Japanese.
Manila.....	July 14-Oct. 19....	127	116	
Provinces.....				
Report of the bureau of health, Philippine Islands, first quar- ter of the calendar year 1907, gives a grand total of 235 cases and 148 deaths.				
Bulachan.....	Oct. 6-12.....	1		
Leyte, Carigara.....	Aug. 31.....			
Masbate, Mandaon.....	To Sept. 21.....			
Russia:				2 cases daily. Present.
General.....	July 16-Oct. 29....	10,107	4,772	
Amolinsk Territory.....	Aug. 21-Oct. 25....	772	242	
Archiereiski-Passelok.....	Aug. 19-Oct. 25....	7	2	
Astrachan, govt. district ..	July 14-Oct. 25....	2,262	1,114	
Astrachan.....	Sept. 5-Oct. 25....	493	296	
Jenotajewsk district.....	Aug. 22-25.....	1		
Zarew district.....	Aug. 22-25.....	3	12	
Ataman-Stanitzza.....	Aug. 19.....			
Baku.....	Aug. 25-Oct. 25....	48	25	
Don district.....	Sept. 7.....			
Ekaterinslav.....	Sept. 16-Oct. 29....	144	59	
Report incomplete. Sept. 1 to 9 present at Balochna, Busulusk, and Novouzensk.				
Present.				
Do.				

a Cases among foreigners, deaths among natives.

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.	
Russia—Continued.					
Elizabethpol district	Sept. 18-24	Present.	
Irkoustk	Oct. 19-25	12	4		
Jaroslaw	July 14-Oct. 29	19	5		
Jurino	Aug. 26	2	Imported from Saratov.	
Kamyschin	Sept. 1-9	20	24		
Kazan, govt	Sept. 3-Oct. 29	60	21		
Kherson	Oct. 19-25	1	1		
Kief	Sept. 22-Oct. 29	1,134	288		
Kostroma, govt.	Aug. 21-Oct. 29	83	42		
Kursk	Sept. 9	1	1		
Lodz	Sept. 8 .....	.....	.....
Melekes	Aug. 25	6	2		
Moscow	Aug. 31-Sept. 8	1	1		
Nikolajweski	Aug. 25	12	8	Present.	
Nizhni-Novgorod, govt.	Aug. 26-Oct. 29	259	129		
Omask	Sept. 16-24 .....	.....	.....
Penza, govt.	Aug. 21-Oct. 25	48	28		
Perm	Aug. 24-Oct. 25	35	14		
Riāsan	Sept. 1-Oct. 1	1	.....	
Rostow	Sept. 19-Oct. 25	52	30		
St. Petersburg	Aug. 18-Sept. 7	28	18		
Samara, govt. district	July 16-Oct. 25	411	252		
Samara	July 14-Oct. 29	314	146		
Saratov, govt.	July 16-Oct. 25	574	283	To Sept. 1. Still present.	
Zarazyn	Sept. 1-Oct. 25	255	120		
Sémipalatinsk	Oct. 19-25	4	1,710		
Siberia, govt. district	Oct. 2-19	509	316		
Simbirsk, govt.	July 7-Oct. 29	123	46		
Stavropol	July 28-Aug. 5	3	.....	
Syr-Darja, govt.	Sept. 16-Oct. 25	2	2		
Tachkent	Oct. 19-25	2	.....	
Tobolsk	Sept. 1-Oct. 25	23	15		
Tomsk, govt.	Oct. 19-25	188	87		
Ufa	Oct. 21-29	5	5	Present.	
Vladimir, govt	Aug. 21-Sept. 8	1	1		
Yeniseisk	Oct. 19-25	7	3		
Wiatka, govt	Sept. 1-Oct. 25	22	6		
Russia in Asia:					
Astara	Nov. 9	3	.....	
Tiflis	Nov. 10 .....	.....	1	
Siam:					
Bangkok	Aug. 1-31	17	12		
Straits Settlements:					
Penang	Sept. 15-Oct. 5	2	1		
Singapore	June 9-Oct. 12 .....	.....	168	
Turkey in Europe:					
Constantinople	Nov. 19 .....	.....	.....

YELLOW FEVER.

Brazil:					
Manaos.....	May 25-Nov. 2.....		32	From vicinity of San Mateo.	
Para.....	June 9-Nov. 16.....	92	74		
Rio de Janeiro.....	May 13-Sept. 22.....	19	13		
Colombia:					
Barranquilla.....	May 21-27.....		1		
Costa Rica:					
San José.....	Sept. 24.....	1			
San Mateo.....	To Aug. 31.....	1	1		
Cuba:					
Camaguey Province—					
Ciego de Avila.....	Nov. 13-18.....	4	2		
Habana Province—					
Bainoa.....	Nov. 9-Dec. 3.....	8	1		
Campo Florido.....	Aug. 28-Oct. 11.....	3	2		
Guines.....	Oct. 31-Nov. 16.....	2	2		
Habana.....	June 25-Dec. 2.....	13	3		
Jaruco.....					
Palos.....	Oct. 1-Nov. 6.....	7	3		
San Nicolas.....	July 22-Aug. 14.....	8	1		
Cases June 25 and Nov. 9 from Union de Reyes; 6 cases from Aug. 30 to Oct. 27 in Habana; cases Sept. 10 and 14 from Palos; cases Oct. 1 and 16 from Cienfuegos; case Nov. 20 from San Nicolas.					

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

YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Cuba—Continued.				
Matanzas Province—				
Alacranes.....	Aug. 17–Nov. 24 ..	7	4	Case Oct. 28 from Bermeja.
Bermeja.....	Sept. 10.....	1	1	
Jovellanos.....	Sept. 24–27.....	2	1	
Matanzas.....	Aug. 4–Nov. 2.....	4	3	
Trinidad, plantation	Oct. 16.....	2	.....
Union de Reyes	Sept. 29.....	1	1	From Mocha. Adjoining Union de Reyes. Case Nov. 29 sent to Habana. Present at Central Soledad, Camarones, Cannao, Costillo de Jagua, Guanós.
Santa Clara Province				
Manacas.....				
Santa Clara.....	Oct. 1–7.....	1	Nov. 19, 2 American soldiers. 10 cases among troops. 1 death Sept. 30 at Rodas.
Cienfuegos	Sept. 18–Nov. 20 ..	5	1	
Cienfuegos				
Santiago Province—				
Gibara.....	Aug. 3–Nov. 23 ...	78	20	From ss. Galveston from Guanto, Venezuela. From ss. Puerto Rico. Origin, Union de Reyes.
Santiago.....				
Santiago.....				
Santiago.....				
Ecuador:				
Guayaquil.....	Sept. 12.....	1	From ss. Galveston from Guanto, Venezuela.
Guatemala:				
Puerto Barrios.....	July 5–Oct. 16.....	2	From ss. Galveston from Guanto, Venezuela.
Mexico:				
Manzanillo.....	May 26–Sept. 21 ..	12	1	On ss. San Juan.
Veracruz.....	June 27.....	1	.....
Panama:				
Ancon.....	Aug. 17.....	1	From ss. Sidney.
West Indies:				
Barbados.....	Sept. 5.....	1	From ss. Sidney. 6 cases from British cruiser Indefatigable. No case oc- curred on shore. Imported on ss. Atrato from Trinidad.
Bridgetown				
Bridgetown				
Bridgetown				
Bridgetown				
Bridgetown				
Trinidad—Port of Spain...	Nov. 19–21.....	7	4	From ss. Sidney. 6 cases from British cruiser Indefatigable. No case oc- curred on shore. Imported on ss. Atrato from Trinidad.
Bridgetown				
Bridgetown				
Bridgetown				
Bridgetown				
Bridgetown				
Trinidad—Port of Spain...	Aug. 4–10.....	1	From ss. Sidney.
Bridgetown				
Bridgetown				
Bridgetown				
Bridgetown				
Bridgetown				
Trinidad—Port of Spain...	June 1–Aug. 24 ...	17	6	

PLAGUE.

Africa:				
British South Africa—				
King Williams Town..	May 24-Aug. 1....	7	1	Case July 30 to Aug. 1 from Dubus Location.
Izeli Location	June 23-Aug. 2 ...	6	6	
Izinyoka	Aug. 5	1	1	
Thomas River	Aug. 11-14	1	1	
Wartburg	Aug. 10-21	2	2	
Algeria:				
Bon	Nov. 9	18	4	Present.
Oran	Sept. 30-Oct. 14 ...	18	4	Bacteriologically verified to Oct. 7, 5 cases; 4 deaths. Nov. 1, still present.
Philippeville	Oct. 9-19	3	2	Nov. 2, still present.
Tunis—Tunis	Nov. 2	3	2	Present.
Arabia:				
Djeddah	May 23-30	9	4	May 23, 8 cases on ss. Moshtari occurred on voyage from Bahrein Islands and Bas- sorah.
Argentina:				
Cordova	June 4	1	1	Present.
Australia:				
Brisbane	May 20-Sept. 21 ...	8	6	Case Sept. 12-21 on ss. Mareeba.
Cairns	Sept. 4-Oct. 12	10	5	
Melbourne	May 17-21	1	1	From ss. Arawatta.
Sydney	May 11-June 1	2	2	
Brazil:				
Bahia	June 2-Oct. 26	60	48	
Rio de Janeiro	May 13-Nov. 3	73	21	Oct. 30, 7 cases, 2 deaths, on ss. Orleanais from Marseille, via ports.
Pernambuco	June 1-Sept. 30	11	1	
Sao Paulo	Aug. 25	11	1	
Chile:				
Antofagasta	May 11-July 18 ...	72	25	Jan. 1 to June 30, 216 cases and 90 deaths.
Arica	June 8-Aug. 6	19	1	
Iquique	Jan. 1-June 30	154	63	
Pisagua	Jan. 1-June 30	105	47	
Taltal	Jan. 1-June 30	220	1	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy	July 14-Aug. 10...	4	4	Amoy, July 28. Epidemic. Kulangsu (native city), 25 deaths daily, estimated from June 23-Aug. 10.
Foo-Choo	July 27-Sept. 14...			Present. Aug. 3-24 present in Hinghua and Nantai.
Gai Hai	Aug. 3 .....	..	..	Present.
Hongkong	May 5-Oct. 5	219	205	
Macao	May 1-31			Do.
Swatow	June 1-15			Do.
Egypt:				
Alexandria	June 4-Oct. 21	118	68	
Port Said	June 21-Oct. 17...	13	10	
Provinces—				
Assiout	June 6-28	20	16	
Behera	June 3-Aug. 20	43	28	
Beni Souef	June 6-July 23...	15	7	
Dakahlieh	Sept. 1-18	3	2	
Garbieh	May 29-June 5	1	1	
Kena	June 7-July 28	34	35	
Minieh	June 6-Oct. 15	16	6	
France:				
Marseille	Sept. 17-18	2		In quarantine at Frioul.
French Indo-China:				
Cholon	May 10			Present.
Pnompenah	July 26			Do.
Saigon	June 28-Aug 1	28	28	Present from May 21.
Great Britain:				
Glasgow	Oct. 17-23	1		
Hawaii:				
Hilo	Oct. 5	1		At Olaa Plantation.
Honolulu	July 22-Sept. 14...	4	2	1 case on ss. Sierra from San Francisco, Sept. 14.
India:				
Bombay Presidency and Sind	Apr. 28-Oct. 19...	91,065	64,072	
Madras Presidency	Apr. 28-Oct. 19...	1,985	1,560	
Bengal	Apr. 28-Oct. 19...	11,150	10,271	
United Provinces	Apr. 28-Oct. 19...	71,770	64,410	
Punjab	Apr. 28-Oct. 19...	341,183	308,222	
Burma	Apr. 28-Oct. 19...	2,994	2,775	
Eastern Bengal and Assam	Apr. 28-July 20	9	9	
Central provinces, including Berar	Apr. 28-Oct. 19...	10,012	7,550	
Coorg	Oct. 5-19	4	1	
Mysore State	Apr. 28-Oct. 19...	9,462	6,597	
Hyderabad State	Apr. 28-Oct. 19...	2,006	1,451	
Central India	Apr. 28-Oct. 19...	2,682	1,363	
Rajputana	Apr. 28-Oct. 19...	4,333	2,594	
Kashmir	Apr. 28-Oct. 19...	1,376	810	
Northwest frontier province	Apr. 28-Oct. 19...	1,810	1,519	
Baluchistan	Apr. 28-June 29...	4	1	
Bahrein Island, in the Persian Gulf	Apr. 21-July 6	1,712	1,709	
Grand total		553,557	474,914	
Japan:				
Formosa	May 19-Oct. 26	1,076	945	
Hodagaya	July 6-Aug. 3		3	Suburb of Yokohama.
Kobe	Sept. 1-21	7	7	
Osaka	May 29-Oct. 19	68	59	Jan. 1 to June 30, 71 cases. Nov. 19. Still present.
Saseho	Aug. 3			Present.
Tokyo	July 6	2	1	
Yokohama	May 22-Aug. 21	14	14	2 cases and 2 deaths in vicinity.
Yokosuka	July 7-13	1		
Korea:				
Nakanoshima, Island	Sept. 11		1	Imported.
Madagascar:				
Majunga	Aug. 26-Sept. 5			Present.
Manchuria:				
Kaiping	Aug. 7-Sept. 12		200	
Mauritius	June 21-Oct. 31	78	67	
New Zealand:				
Auckland	May 12-June 30	3	3	
Persia:				
Bushire	June 9-15			Do.
Mohammerah	Aug. 1			Do.

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru:				
Callao	May 16-Oct. 23....	29	13	
Catacaos.....	Sept. 5-11.....	2	2	
Chiclayo	May 16-July 3....	10	6	1 case from Ferrenafe and 5 cases from Pomalca.
Chosica	July 25-31.....	1	.....
Ferrenafe	July 18-Oct. 23....	3	.....
Huanchaco.....	Aug. 24-31.....	31	.....	And in vicinity.
Lambayeque.....	May 16-30.....	1	.....
Lima	May 16-Oct. 23....	31	18	
Peru:				
Mollendo.....	May 16-Oct. 23....	14	8	1 case imported from Tambo
Paita City	May 16-Oct. 23....	16	13	
Piura.....	July 25-Oct. 23....	12	2	
Querecotillo.....	July 25-31.....	1	.....
San Pedro	Aug. 28-Oct. 2....	9	4	
Trujillo.....	May 16-Oct. 23....	97	53	18 cases from Cuesta; June 26, present in Menochuco.
Viru.....	Aug. 17-21.....	9	7	
Philippine Islands:				
Manila	July 23-25.....	1	1	From German ss. Ferd. Laiesz
Russia:				
Arkhiereiskaya district	June 20.....	3	.....	Vicinity of Astrakhan.
Odessa	July 10-14.....	1	1	On ss. Tsarevitch.
Siam:				
Bangkok	June 1-Aug. 31....	3	3	
Straits Settlements:				
Singapore	May 12-Oct. 12....	.....	7	
Turkey in Asia:				
Adalia	Nov. 9.....	.....	.....	Present.
Bagdad	June 10.....	.....	.....	Do.
Bassorah	June 8.....	.....	.....	Do.
Beirut	Aug. 9.....	1	.....
Dikeli	Oct. 1-13.....	1	1	
Mitylene	Sept. 3-Oct. 28....	4	.....
Smyrna	Aug. 6-Oct. 12....	.....	5	Oct. 13, 1 case.
Zanzibar	June 10-July 24....	9	9	

SMALLPOX.

Africa:				
Algeria—				
Algiers	June 1-Oct. 31....	.....	25	
British South Africa—				
Cape Town	Aug. 11-Oct. 19....	4	.....	Imported.
East London	June 30-Oct. 19....	4	.....	Do.
Kimberly	Aug. 1-31.....	1	.....
British West Africa—				
Sierra Leone	Aug. 1-31.....	2	1	
Portuguese East Africa—				
Lourenço Marquez	Apr. 1-Aug. 31....	20	.....
Tunis:				
Tunis	Nov. 10-16.....	.....	.....	Present.
Argentina:				
Buenos Aires	May 1-Aug. 31....	.....	26	
Rosario	May 1-Aug. 31....	.....	45	
Australia:				
New South Wales—				
Newcastle	May 1-June 30....	2	.....
Austria:				
Bohemia	Sept. 22-Oct. 12....	11	.....
Galicia	May 26-Aug. 31....	20	.....
Kamenic	Oct. 6-12.....	1	.....
Lower Austria	Aug. 18-Sept. 14....	7	.....
Mies	Oct. 6-12.....	1	.....
Moravia	Aug. 18-Sept. 14....	5	.....
Silesia	June 18-22.....	1	.....
Trappan district.....	Aug. 6-13.....	1	.....
Trieste	May 26-Aug. 3....	4	1	
Upper Austria	Aug. 25-31.....	1	.....
Vienna	June 23-Nov. 9....	144	33	
Brazil:				
Bahia	June 1-Oct. 26....	274	15	
Manaos	July 21-Aug. 31....	.....	5	
Para	June 9-Nov. 16....	303	182	
Pernambuco	Apr. 15-Sept. 30....	.....	919	
Rio de Janeiro	May 20-Nov. 2....	143	52	
Santos	June 1-30.....	1	.....
Sao Paulo	July 28-Aug. 4.....	.....	1	

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada:				
British Columbia—				
Vancouver	June 1-30	1	.....
Manitoba—				
Winnipeg	July 7-27	4	.....
Nova Scotia—				
Halifax	June 16-Nov. 2....	31	.....
Ontario—				
Hamilton	Oct. 20-26	1	.....
Quebec—				
Sherbrooke	June 1-30	2	.....
Chile:				
Iquique	May 17-Oct. 12 .....	.....	.....	Present.
China:				
Chefoo	July 14-Aug. 17	4	.....	Case July 20 from ss. Pennsylvan- ia.
Foochow	June 26-30	1	.....	On China, merchant ss.
Hankau	May 27-June 15	5	.....
Hongkong	May 5-Oct. 5	83	62	
Kulangsü	June 1-22 .....	.....	.....	Present.
Newchwang	May 5-18	3	.....
Shanghai	May 12-Oct. 20	449	452	Case Aug. 8 from U. S. S. Pennsylvan- ia from Chefoo. May 25, 4 cases on U. S. cruiser Wilmington.
Tientsin	May 19-June 8	4	2	June 22, present among natives.
Colombia:				
Barranquilla	May 1-July 21 .....	.....	.....	Present.
Cartagena	Aug. 3-Nov. 1 .....	.....	.....	Do.
Ecuador	Sept. 25	1,000	.....	In central part, chiefly at Am- bato, Cajabamba, Chasaqui, La Tacunga, and Riobamba.
Guayaquil	May 26-Oct. 26 .....	.....	18	
Egypt:				
General	Apr. 9-Oct. 21	806	575	From Jan. 1 to Apr. 8, cases 317 deaths 259.
Cairo	May 21-Sept. 23	12	9	
France:				
Cannes	May 1-Oct. 31	39	14	
Lyon	June 5-11 .....	.....	1	
Marseille	June 1-Oct. 31 .....	.....	305	
Nice	May 1-31	1	1	
Paris	June 2-Nov. 9	106	23	
Toulon	Aug. 1-31	2	.....
Germany:				
General	June 2-Oct. 26	48	.....
Barmen	Sept. 22-28	1	.....
Bremen	May 5-Nov. 9	3	.....
Königsberg	June 9-July 6	2	.....
Great Britain:				
London	Aug. 4-10	1	.....
Liverpool	June 30-Nov. 16	2	.....
Manchester	June 16-22	1	.....
Southampton	June 2-8	2	.....
Sunderland	July 21-27	1	.....
Greece:				
Piræus	June 16-Aug. 31	5	.....
Hawaii:				
Honolulu	June 28	8	3	On ss. Kumeric.
India:				
Bombay	May 12-Oct. 29 .....	.....	18	
Calcutta	May 12-Oct. 19 .....	.....	191	
Madras	June 1-Oct. 25 .....	.....	16	
Rangoon	June 9-Oct. 5 .....	.....	9	
Italy:				
General	June 7-Nov. 7	560	.....
Catania	Sept. 28-Nov. 7 .....	.....	3	
Genoa	June 1-Sept. 30	8	1	
Florence	June 17-30	3	.....
Naples	June 14-Aug. 17	4	2	2 cases June 13 to 22 from ss. Perugia.
Turin	June 17-Aug. 11	5	1	
Venice	June 30-July 6 .....	.....	1	
Japan:				
Formosa	June 16-22	1	.....
Kobé	Aug. 24-Oct. 26	13	3	
Yokohama	June 18-July 12	2	.....	Case July 12 on ss. Mongolia. From Jan. 1-June 30, 102 cases, 12 deaths.
Java:				
Batavia	May 12-Oct. 19	148	21	

a Cases foreign, deaths native.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Korea:				
Seoul	May 25-June 30			Present.
Luxemburg	June 22-July 6	1		
Madeira:				
Funchal	June 10-Sept. 22	374	63	
Malta:				
Valletta	Sept. 1-Nov. 9	10	2	
Manchuria:				
Dalny	May 19-July 27	21	2	
Mexico:				
Aguascalientes—				
Aguascalientes	June 16-Nov. 23		87	
Federal District—				
Mexico City	May 19-Oct. 19		103	
Nueva Leon—				
Monterey	June 17-Sept. 29		6	
Yucatan—				
Payo Obispo	July 17			Do.
Netherlands:				
General	May 19-21	1		
Panama:				
Colon	June 30-Sept. 9	5		1 case June 30 from ss. La Normandie from St. Nazaire. Case Sept. 9, on ss. Atrato from Vigo, Spain.
Persia:				
Mash-Had	July 1-31			Present.
Rasht	July 1-Aug. 22			Do.
Shiraz	July 1-Aug. 22			Do.
Tabris	July 1-31			Do.
Peru:				
Callao	Aug. 23-Sept. 14		2	
Lima	Sept. 7-Oct. 3	43		Oct. 12, still present and in vicinity.
Philippine Islands:				
Manila	Apr. 21-Sept. 21	55		
Portugal:				
Lisbon	June 2-Nov. 2	96		
Russia:				
Batoum	May 1-Oct. 13	6		
Libau	June 17-Nov. 9	5		
Moscow	May 26-Nov. 2	62	15	
Odessa	June 2-Nov. 9	27	4	
Reval	July 1-31	4		
Riga	June 2-Nov. 9	60	45	
St. Petersburg	May 11-Nov. 2	65	10	
Warsaw	July 14-Oct. 5		78	
Siberia:				
Vladivostok	May 15-July 5	5		
Spain:				
Almeria	May 1-Oct. 31		35	Report for August not received.
Barcelona	June 2-Nov. 10		34	
Cadiz	May 1-Oct. 31		41	
Denia	Sept. 1-Oct. 26	8		
Huelva	May 1-31		1	
Madrid	May 1-Oct. 31	7	1	
Malaga	June 1-Aug. 31		17	
Seville	May 1-Aug. 31		32	
Valencia	June 10-Nov. 17	447	45	
Vigo	Sept. 22-Nov. 16		4	
Straits Settlements:				
Penang	May 19-July 13	2	1	
Singapore	May 26-June 1		1	
Switzerland:				
General	May 15-June 29	6		
Turkey:				
Constantinople	June 17-Oct. 27		20	
Turkey in Asia:				
Bagdad	Oct. 13-19	32	6	Present from May 19.
Bassorah	June 23-Aug. 24			Do.
Damascus	Apr. 7-June 22			Do.
Smyrna	Apr. 16-Sept. 30		35	
Venezuela:				
La Guaira	Nov. 9	1		From Aug. 25-Nov. 9, occasional.
West Indies:				
Barbados—				
Bridgetown	Aug. 4-10	1		On ss. Statia from Funchal.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Chole'ra.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen	Nov. 9	174,579	39
Adelaide	Sept. 21	380,245	76	1	...	1
Aden	Nov. 5	43,974	23	2
Agua Calientes	Nov. 9	40,000	44	2	2
Do	Nov. 16	40,000	47	2	1
Aix-la-Chapelle	Oct. 26	155,941	62	5	2
Do	Nov. 2	155,941	62	4	1	1
Alexandretta	Oct. 26	15,000	6	1	...
Do	Nov. 2	15,000	5
Do	Nov. 9	15,000	6
Amsterdam	Nov. 16	565,032	152	24	3	3	...
Asuncion	Oct. 5	65,000	25	3	4
Do	Oct. 12	65,000	20	3
Athens	Nov. 9	180,000	15	1	1	...	1	1
Bahia	Sept. 14	265,000	31	14	1	7
Do	Sept. 21	265,000	95	19	5	6
Do	Sept. 28	265,000	87	9	1	5
Do	Oct. 5	265,000	66	13	4	1	5
Do	Oct. 12	265,000	77	17	7	1	6
Do	Oct. 19	265,000	117	13	8	2	5	1	...	1
Do	Oct. 26	265,000	76	12	7	3	7
Barmen	Nov. 2	159,500	41	5	1	...	5
Do	Nov. 9	159,500	32	5	2
Basel	Nov. 2	130,000	29	6	2	...	1
Do	Nov. 9	130,000	25	2	1
Belfast	do	360,173	145	22	4	7	...	4
Berlin	Oct. 26	2,100,315	558	78	1	1	8	8	...	5
Do	Nov. 2	2,100,315	633	89	2	5	17	7	...	16
Birmingham	Nov. 9	583,155	167	2	1	...	3
Bombay	Oct. 29	977,822	583	49	22	1	1	1	2	2	...	1
Bordeaux	Nov. 9	253,000	92	16
Bremen	Oct. 26	225,871	65	12	1
Do	Nov. 2	225,871	72	12	1	...	2
Do	Nov. 9	225,871	59	7	3	1
Breslau	Nov. 2	335,186	201	21	1	...	5	7
Bristol	Nov. 9	367,979	80	1	3	...	1
Cairo	Oct. 14	671,344	361	18	5	2	...	11	1
Do	Oct. 21	671,344	335	38	4	2	...	9	1
Do	Oct. 28	671,344	355	25	...									

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Ghent	Oct. 12	163,895	66	5										
Do	Oct. 19	163,895	45	5										
Do	Oct. 26	163,895	50	1										
Do	Nov. 2	163,895	55	8								1		1
Glasgow	Nov. 15	847,584	270							1	1		3	21
Gothenburg	Nov. 9	155,700	33	6										
Greenock	do	71,269	26											
Hamburg	do	824,792	226	27						1		2	1	1
Hamilton, Bermuda	Nov. 19	20,206	4											
Hull	Nov. 2	266,762	68									2		
Do	Nov. 9	266,762	67											
Johannesburg	Oct. 12	102,078	75							3	2			
Do	Oct. 19	102,078	66							3	1			
Königsberg	Nov. 2	229,300	85	8						2	1	1		1
Do	Nov. 9	229,300	102	7							4			
La Rochelle	Nov. 3	31,553	3											
Do	Nov. 10	31,553	2											
Lausanne	Nov. 2	54,500	13								2	2	2	1
Leeds	Nov. 9	470,268	120	8							2	2	3	6
Leipzig	Nov. 2	518,682	152	25						1	2	3	2	2
Do	Nov. 9	518,682	146	22						1	1	5		1
Leith	do	83,668	28	4										
Liege	Oct. 19	172,741	44	6										
Do	Oct. 26	172,741	44	4										
Do	Nov. 2	172,741	47	1										
Liverpool	Nov. 9	746,144	285	16						2	2	1	3	8
London	do	7,217,941	1,730							9	31	31	31	15
Lübeck	do	94,500	37											
Lyon	Nov. 2	472,114	146	33						2				
Do	Nov. 9	472,114	150	20						4		1		1
Madras	Oct. 25	509,346	363			2		1						
Magdeburg	Nov. 2	244,940	95	8								1	1	
Do	Nov. 9	244,940	86	4								2		
Mainz	do	99,572	30	7								1		
Manaos	Nov. 2	50,000	31	3			2							
Manchester	Nov. 9	631,533	222	23							1	5	4	1
Mannheim	Oct. 26	174,077	38											
Mazatlan	Nov. 2	21,000	24											
Mexico	Oct. 19	400,000	351	25				3	8			2	16	3
Milan	Oct. 27	900,000	162	31						5				
Monrovia	Oct. 19	7,000	7											
Do	Oct. 26	7,000	6											
Monterey	Nov. 17	100,000	65	6										
Moscow	Oct. 26	1,335,104	558	54					4	9	21	3	2	1
Do	Nov. 2	1,335,104	571	95						4	9	10	5	4
Munich	do	548,000	186	28							1	2		
Nantes	Nov. 10	133,247	33	9										
Do	Nov. 17	133,247	45	10										
Naples	Nov. 9	593,729	179	8										
Newcastle on Tyne	do	272,969	67							3		1	6	1
Nottingham	Nov. 2	250,000	83								3			
Nuevo Laredo	Nov. 16	8,000	4											
Nuremberg	Oct. 12	307,000	92	6									3	1
Do	Oct. 19	307,000	103	10							1		2	1
Do	Oct. 26	307,000	98	11							1	1		1
Do	Nov. 2	307,000	94	13							2	2	2	1
Odessa	Oct. 26	455,000	188	16						12	1	6	9	
Do	Nov. 2	455,000	193	10						3	9	2	8	
Palermo	Oct. 26	330,000	121	8					1		1	1		
Do	Nov. 2	330,000	126	9										
Para	Oct. 26	185,000	93	8			10	19						
Do	Nov. 2	185,000	88	3			4	20						
Do	Nov. 9	185,000	93	9			5	11						
Paris	do	2,776,394	812	170						11	2	3		3
Piræus	do	70,000	27	3						2				
Plymouth	do	116,000	31											
Port Elizabeth	Oct. 19	32,959	14	1										
Do	Oct. 26	32,959	16											
Port of Spain	do	60,000	40	4						1		1		
Do	Nov. 2	60,000	37	11										
Prague	Nov. 9	227,520	98	20						1		2	1	
Pretoria	Oct. 12	36,839	8											
Do	Oct. 19	36,839	9											

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Progreso.....	Nov. 9	6,000	2	1	...	...	...	...	...	...	...	...	...
St. John, N. B.....	Nov. 23	40,789	11	1	...	...	...	...	...	...	1	...	...
St. Petersburg.....	Oct. 26	1,500,000	581	119	...	...	...	...	...	12	32	22	7
St. Stephen.....	Nov. 23	2,840	1	...	...	...	...	...	...	...	...	...	...
Samana.....	Oct. 19	3,500	1	...	...	...	...	...	...	...	...	...	...
Do.....	Oct. 26	3,500	2	1	...	...	...	...	...	...	...	...	...
Do.....	Nov. 2	3,500	3	...	...	...	...	...	...	...	...	...	...
Do.....	Nov. 9	3,500	1	...	...	...	...	...	...	...	...	...	...
Do.....	Nov. 16	3,500	2	...	...	...	...	...	...	...	...	...	...
San Feliu de Guixols...	Nov. 9	11,094	4	1	...	...	...	...	...	...	...	...	...
Santander.....	Nov. 10	58,574	39	...	...	...	...	...	...	...	...	...	...
Sheffield.....	Nov. 2	440,000	132	8	...	...	...	...	...	...	1	1	1
Do.....	Nov. 9	440,000	145	12	...	...	...	...	...	2	2	...	4
Singapore.....	Oct. 19	258,324	260	32	...	...	...	...	...	5	...	...	...
Southampton.....	Nov. 9	119,745	28	1	...	...	...	...	...	1	...	1	...
South Shields.....	do	113,460	35	8	...	...	...	...	...	...	2	1	...
Stettin.....	do	255,000	108	12	...	...	...	...	...	...	5	2	...
Stuttgart.....	Nov. 7	261,000	124	7	...	...	...	...	...	...	...	...	2
Do.....	Nov. 14	261,000	108	8	...	...	...	...	...	...	1	2	1
Suez.....	Nov. 4	19,786	8	...	...	...	...	...	...	...	...	...	...
Trieste.....	Nov. 2	202,920	95	...	...	...	...	...	...	1	...	1	...
Do.....	Nov. 9	202,920	74	...	...	...	...	...	...	1	...	1	...
Turin.....	Oct. 27	367,685	114	11	...	...	...	...	...	2	...	1	...
Tuxpam.....	Nov. 12	13,000	10	...	...	...	...	...	...	...	...	...	...
Valencia.....	Nov. 10	250,000	80	10	...	...	...	2	...	...	4	1	...
Veraacruz.....	Nov. 9	32,000	45	6	...	...	...	...	...	...	...	...	...
Victoria, B. C.....	Nov. 16	25,000	7	...	...	...	...	...	...	...	...	...	...
Vienna.....	Nov. 2	1,999,912	530	84	...	...	...	...	...	1	6	6	...
Vigo.....	Nov. 9	36,000	14	2	...	...	...	...	...	1	...	...	...
Winnipeg.....	Nov. 16	111,000	10	...	...	...	...	...	...	...	...	2	...
Zanzibar.....	Oct. 14	75,000	26	4	...	...	...	...	...	...	...	...	...
Zurich.....	Nov. 2	176,542	46	6	...	...	...	...	...	1	...	1	...
Do.....	Nov. 9	176,542	40	10	...	...	...	...	...	...	...	2	...

By authority of the Secretary of the Treasury:

WALTER WYMAN,

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