

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

*Summary of work in Chinatown, San Francisco, for the week ended  
June 4, 1904.*

The following is received from Passed Assistant Surgeon Blue,  
under date of June 6:

*Week ended June 4.*

Buildings reinspected.....	228
Rooms .....	2,074
Persons inspected .....	2,368
Sick .....	14
Sick prescribed for at Oriental Dispensary .....	15
Dead examined .....	5
Necropsies .....	2
Rats examined bacteriologically .....	106
Number showing pest infection .....	0
Places limed and disinfected .....	976
Times streets swept.....	3
Sewers flushed .....	16
Notices sent to abate plumbing nuisance .....	8
Plumbing nuisances abated .....	2
Undergoing abatement.....	10
Total number plumbing inspections.....	90
Blocks covered with Danyz virus.....	10

*Transactions on account of yellow fever at Laredo, Tex.—Inspection of  
Rio Grande City.*

Acting Assistant Surgeon Sauvignet reports, through Passed Assistant Surgeon Richardson, as follows:

LAREDO, TEX., *May 27, 1904.*

Rio Grande City has good surface drainage, being situated on the sides of a hill. The city is divided into blocks, with alleys between the back parts of the lots. The streets are not worked at all and there is no garbage system; notwithstanding this, there was very little trash in the streets at the time of my visit, probably because of the very heavy rain that had fallen a few days previous to my arrival.

There were no pools or ponds of standing water in the city itself. There exists, however, a large flat west of the city which forms a shallow lake or lagoon which had water. This covers about one mile in its longest direction (east to west) and one-half mile across (north to south). The bed occupied by the Rio Grande is very wide, the channel proper being about 100 yards wide, but owing to the sandy character of the soil this channel changes frequently after a rise of the river, and leaves large lagoons with luxuriant vegetation.

Upon my arrival in Rio Grande City I saw the first *Stegomyia* in the office of one of the principal merchants. I next had occasion to visit the court-house, which is situated on the top of an eminence and is thoroughly ventilated by the prevailing southeast wind, and there also saw *Stegomyia*. At the hotel where I stopped I could find only *Culex*, and in different other parts I found either one of the two varieties or both together. There were no *Anopheles* observed.

The water supply of the people is from barrels and cisterns, the poorer class using barrels and the wealthier having cisterns. The poorer class of people reside in the western, northern, and northeastern part of the city. These were visited and found comparatively free from either wrigglers or mosquitoes, as against the residences of the better class of people, who use cisterns. In the northwestern part of the city there exists a lagoon during rainy weather. This practically dries up in about six days. I got together a meeting of the better class of citizens in the county judge's office and explained to them the mosquito, its life, and the methods of destroying it, and distributed over the city the rules, etc. I noticed great interest of the people in reading them, but do not believe they will be so interested in complying with them.

The following recommendations were made:

Screening or oiling of cisterns with the use of a pump to draw water, the covering of barrels by screen or cloth tops, and placing of fish or oil in the lagoons.

I visited the commanding officer at Fort Ringgold, who very kindly invited me to visit the post. I accompanied him and saw that everything is ideally fixed, all the buildings being screened with 18-mesh galvanized wire. No standing water is to be found except in the fire buckets, and these have a coating of oil. The water supply is by waterworks and a sewage system disposes of all dejecta and fluid garbage and a cart collects dry garbage and refuse. The hospital is thoroughly screened, and in addition has two large screen cages for those who may get sick of yellow fever or be suspected of it. There are no mosquitoes at the post, and it is situated east of the city.

I conversed with many of the prominent citizens and gathered that they had had last year a mild epidemic of dengue and had had such epidemics between 1882, the year that it was frankly acknowledged as yellow fever, and the present year, but either had no fatalities or those that did occur "were among children or old people" (expression used by one of the local physicians).

The following record is selected from the death record of the county clerk, the total number of deaths between September and now being only 43 for the whole county. The county clerk states that he is unable to get complete returns, as usually those he filed were from other source of information than physicians, the people mainly being treated by healers or "curanderos," as they are termed here:

Date.	Place of death.	Age.	Cause.	Sex.
1903.		<i>Years.</i>		
Sept. 9	Roma .....	60	Fever .....	Female.
Oct. 24	.....do.....	14	.....do.....	Do.
Oct. 16	Escobares .....	25	.....do.....	Do.
Nov. 5	Chapeña .....	42	.....do.....	Male.
Nov. 1	Rio Grande City .....	9	Abscess on brain .....	Female.
1904.				
Jan. 8	Salado .....	30	Fever.....	Do.
Jan. 15	Rio Grande City .....	25	Meningitis .....	Do.
Apr. 10	Rosita.....	45	Fever.....	Do.
Mar. 10	San Pedro.....	70	.....do.....	Do.

I also gathered from the drivers who took me from Hebronville to Rio Grande City that at nearly all the ranches in the county there had been either the "malecito" or "trancaso" (this term is used for severe lumbar pain and corresponds to the French "douleur en barre").

On Saturday I spent a day in visiting Camargo, the town closest to Rio Grande City. It is situated in Mexico in a southwest direction, 6 miles inland on the San Juan River. This point originally had a large population, but now there are probably only about 1,500 inhabitants, and it serves as a stage station for San Miguel, the present western terminus of the Mexican National from Matamoros, and also inland travel from Victoria, Linares, and Monterey; its chief travel is from San Miguel and Monterey. Here I also found *Stegomyia* and got history of dengue epidemics, even some last year, though they claim to have had a shotgun quarantine against the world. This town suffered very much from yellow fever in 1882. Camargo will probably become an important point to watch when the Mexican National Railroad will have completed its route between Monterey and Matamoros, as those wishing to evade quarantine at Matamoros would very easily leave the train here or at any other near station, cross the Rio Grande, arrive at Rio Grande City, and from here travel inland. In fact, I am informed that heavy mails from Mexican points were carried from Rio Grande City to Hebronville during the first ten days of the September 1903 State quarantine, and after that no mail at all was allowed to cross.

Sunday I was enabled to visit Roma, Tex., through the courtesy of Captain Roach, of Fort Ringgold, who furnished me an ambulance and mule teams as conveyance. This town is about 15 miles above, on the Rio Grande, and is ideally situated for hygienic conditions, as all the ground slopes away from the church, which is the central building. The river banks are high and rocky. There are about six or eight hundred people, and the main occupation is cotton planting or cattle raising. Communication is had in various directions by wagon roads. Here also they had the "malecito" (note 2 deaths from fever (?) September 9 and October 24, 1903, in list above). I also found some *Stegomyia* and *Culex* mosquitoes, and at the gin the water barrels full of larvæ of both kinds. Its owner was cautioned about this nuisance, and he promised to abate it by using a tank for his water supply and stocking with fish.

In conclusion, in view of the existence of *Stegomyia* at all these points I would recommend that the antimosquito crusade be extended to this county and probably to the other counties between Laredo and Brownsville, as there exists no doubt in my opinion that there was a mild epidemic of yellow fever, or "malecito," in all this territory, and

further, I would respectfully suggest that Rio Grande City be considered an important quarantine station on account of its present relation to the interior Mexican towns in the Tampico district, and also of its future relations when the Mexican National Railroad will have built its branch from Monterey to Matamoros.

*Sanitary meeting at Corpus Christi—Inspection at San Diego.*

Acting Assistant Surgeon McGregor reports, through Passed Assistant Surgeon Richardson, as follows:

SAN DIEGO, TEX., *May 27, 1904.*

I returned from Corpus Christi this morning after holding a good meeting of county and city officials and citizens. These were interested and organized to take active steps in fighting the mosquitoes and securing sanitary conditions. All are pleased that the Public Health and Marine-Hospital Service has entered into the work, and they promise their hearty cooperation. The Ladies' Monday Club are also interested and will give their support to means of thorough sanitation.

The new railroad from Robstown to Brownsville is almost completed, and there are a great many people along the line. At Kingville many families are moving in, but so far I hear of no sickness along the line. In Corpus Christi I found numerous cases of malarial and slow continued fever.

We have inspected up to date in this place 213 houses, containing 460 rooms; oiled 54 water containers.

I shall leave for Alice after completing here.

SAN DIEGO, *May 29, 1904.*

We will finish inspection and oiling to-day and go to Alice.

I am informed that there are some cases of chills and fever at a ranch near here. I shall investigate to-day.

More than 100 householders here desire to have their premises fumigated. I shall report the number of rooms required to be disinfected when we finish to-day.

SAN DIEGO, *May 30, 1904.*

I inspected yesterday and to-day 130 houses, containing 220 rooms; oiled—barrels, 16; tanks and cisterns, 7; wells, 2; ponds, 18.

I inspected some ranches about 2 miles from here, and found 3 cases of intermittent fever in 1 family and some other cases, but none suspicious.

I learn to-day of some sick people in Benavides, who are said to have arrived from Mathis on the Aransas Pass Railroad. I shall leave the inspectors here to finish the work we have in hand, and investigate conditions at Benavides.

The San Diego Creek, which is usually dry in the summer, is at present a succession of pools, which, however, are being oiled for a mile or so, or as far as the town extends.

The people seem anxious to cooperate, and are screening and oiling their water containers. They are of the opinion that there were cases of yellow fever here last year. The disease was then considered dengue, or paludism.

*Inspection at Benavides.*SAN DIEGO, *May 31, 1904.*

I inspected Benavides and found no sickness there excepting measles. The cases previously reported as arriving from Mathis are malarial fever. Several other cases reported as coming from the same section are said to be malarial or continued fever. It is believed that the vicinity of Mathis, as well as San Diego and Benavides, was infected last year, and in regard to Benavides I do not think there is any doubt. This point is one of the thoroughfares from Mexico, as also are Hebronville and Alice.

I shall leave to-day for Alice, and will report next from that point.

Inspected to-day 82 houses, containing 198 rooms; oiled, 25 ponds, 9 barrels; vaccinated, 13.

*Fumigation work at Devine—Death from malarial disease reported.*

Acting Assistant Surgeon Cock reports to Passed Assistant Surgeon Richardson as follows:

DEVINE, TEX., *May 26, 1904.*

Up to this date we have completed the following work at this point: Fumigated 67 houses, containing 298 rooms; oiled, 86 tanks, 63 cisterns, 109 barrels, 33 ponds, 60 water troughs, and 79 wells.

Our work has been somewhat slower the past few days, owing to the damp and drizzling weather prevailing, but we are getting along well.

Several of the old and well-informed citizens believe that yellow fever has been sporadically present since last fall.

There was one death here this morning, reported cause, malaria. I learn that this is the third death in the same family occurring recently. I have not been able to see the attending physician, but shall investigate and hold a post-mortem if I can.

*Reinspection of Moore Station.*MOORE, TEX., *May 28, 1904.*

The reinspection of Moore Station reveals nothing more than the usual illness of this section. Our campaign against the mosquito here sometime since has resulted in much good, and malaria is not so common.

I learn that the county commissioners of this county have, in response to my suggestion, concluded to employ a regular inspector here and at Pearsall, with horse and wagon, oil, pots, and disinfecting materials, to keep up the work during the summer and fall.

*Fumigation work at Devine—Suspicious case from Adams's ranch.*DEVINE, TEX., *May 30, 1904.*

Up to this date we have accomplished the following at this point: Fumigated 114 houses, containing 469 rooms; oiled, barrels, 179; wells, 117; tanks, 125; troughs, 83.

About May 15, a Mexican who worked on the Adams ranch, in this county, died on the street here, after having been ill about five days, with fever. He came to town for medical attention in the morning,

and was prescribed for by one of the local physicians. He vomited considerable coffee colored matter some hours prior to his death. Doctors Moffett and Magnus both saw the case and agree on the latter symptom.

I visited the Adams ranch for the purpose of tracing up the case, but no one seems to know who he was, nor where he came from—he having worked only nine days on the ranch. I consider the circumstances of the case suspicious, and regret that the opportunity for a post-mortem was lost, as it occurred several days before we reached this place.

*Mining camp at Lytle to be inspected.*

DEVINE, June 1, 1904.

Work finished here yesterday after the following operations:

Fumigated 11 houses containing 45 rooms; oiled 15 barrels, 8 tanks, 10 wells.

We move to Lytle to-day, with material enough to work with to-morrow. Near Lytle, 1 mile distant, there are two coal mines working about 1,000 miners—Mexicans and Italians. This camp will probably require considerable disinfection.

Doctor Evans, county physician of Medina County, suggests that you address a letter to the county commissioners' court, advising that they employ a regular health inspector to keep the work up as demonstrated.

*Inspection along San Marcos River—Malarial fever.*

Acting Assistant Surgeon Purnell reports as follows:

SAN ANTONIO, TEX., May 30, 1904.

I have made an investigation of the territory lying along the San Marcos River between Luling and San Marcos, including both places. I found that there was a large amount of malarial fever along the river and some in the towns. I also found that in the towns, especially San Marcos, there prevailed a good deal of enteric fever. These latter cases, of course, quinine did not affect, but the other fevers are very readily controlled by quinine when given in the proper doses. There was no sickness that could be suspected of being yellow fever. I made inquiries concerning the prevalence of yellow fever in the territory last year, and found that there had been none. I learned that a report had been circulated relative to its having been in that section, and discovered that the report was entirely without foundation. Having finished the inspection, I returned to San Antonio last evening.

*Summary of work at Laredo for week ended June 4, 1904.*

LAREDO, TEX., June 5, 1904.

Week ended June 4: Fumigated, Laredo, 63 houses containing 172 rooms; inspected 9,079 premises; 2,830 water containers oiled; 18 sick investigated; maximum temperature 106° at week end. Cock at Lytle, MacGregor at Alice. New Laredo, Mexico, report for June 4: 496 domiciliary visits; 30 containers with larvæ sanitated.

RICHARDSON.

*Summary of reports from New Laredo.*LAREDO, TEX., *June 1, 1904.*

Doctor Garza informs from New Laredo for week ended May 31, 2,940 domiciliary visits. Two hundred and seventy-five containers found with larvæ, either emptied or oiled; no fumigations.

RICHARDSON.

LAREDO, TEX., *June 7, 1904.*

New Laredo, Mexico, reports for June 4, 5, and 6, 1,328 domiciliary visits and 73 water containers sanitized.

RICHARDSON.

LAREDO, TEX., *June 9, 1904.*

New Laredo, Mexico, reports, for June 7 and 8, 1,000 domiciliary visits and 93 barrels emptied and 6 oiled.

FRICK.

## INSPECTION SERVICE, MEXICAN BORDER.

*Inspection at Nogales, Ariz.*

Acting Assistant Surgeon Gustetter reports as follows, week ended May 28, 1904: Passengers inspected, 167; immigrants inspected, 40.

*Inspection at El Paso, Tex.*

Acting Assistant Surgeon Alexander reports, May 21, as follows:

Weeks ended May 21 and 28, 1904:

Mexican Central passengers inspected, 162; Mexican immigrants inspected, 8; disinfection soiled linen imported for laundry work, 412 pieces.

Week ended May 28, 1904: Mexican Central passengers inspected, 203; special Pullman inspected, 14; Mexican immigrants inspected, 18; fumigation of hides, 1 carload; vaccination of passengers and immigrants, 5.

*Inspection at Laredo, Tex.*

Acting Assistant Surgeon Hamilton reports, through Passed Assistant Surgeon Richardson, June 1, as follows:

Week ended May 28, 1904: Passenger trains entered from Mexico inspected, 14; persons on trains from Mexico inspected, 300; immigrants on trains from Mexico inspected, 19; immigrants vaccinated upon entry, 2; persons refused entry, 15; Pullman coaches disinfected, 7; persons inspected and passed on international foot and carriage bridge, 3,600; immigrants inspected entering on international foot and carriage bridge, 4.

*Statistical reports of States and cities of the United States—Yearly and monthly.*

CONNECTICUT—*Stamford*.—Month of May, 1904. Estimated population, 18,000. Number of deaths not reported. No deaths from contagious diseases reported.

ILLINOIS—*Belleville*.—Month of May, 1904. Estimated population, 19,000. Total number of deaths 22, including 3 from phthisis pulmonalis.

*East St. Louis.*—Month of May, 1904. Estimated population, 50,000. Number of deaths not reported. One death from smallpox reported.

IOWA—*Dubuque.*—Two weeks ended May 28, 1904. Estimated population, 40,000. Total number of deaths 18, including 2 from tuberculosis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended May 28, 1904, from 88 observers, indicate that neuralgia, gonorrhoea, cancer, intermittent, inflammation of bowels, cholera morbus, remittent fever, whooping cough, dysentery, puerperal fever, membranous croup, and cholera infantum were more prevalent, and enteric fever and scarlet fever were less prevalent than in the preceding week.

Meningitis was reported present at 2, whooping cough at 12, diphtheria at 34, enteric fever at 40, scarlet fever at 48, pneumonia at 57, measles at 98, smallpox at 101, and phthisis pulmonalis at 263 places.

PENNSYLVANIA—*Pottsville.*—Month of May, 1904. Estimated population, 17,210. Total number of deaths 27, including 2 from diphtheria.

VIRGINIA—*Pocahontas.*—Month of May, 1904. Census population, 2,788. Number of deaths not reported. No deaths from contagious diseases reported.

*Report of immigration at Baltimore.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Baltimore, Md., May 28, 1904.

*Number of alien immigrants who arrived at this port during the week ended May 28, 1904; also names of vessel and port from which they came.*

Date of arrival.	Vessel.	Where from.	Number of aliens.
May 26	Hanover .....	Bremen .....	1,701

LOUIS T. WEIS, *Commissioner.*

*Report of immigration at Boston.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Boston, Mass., May 30, 1904.

*Number of alien immigrants who arrived at this port during the week ended May 28, 1904; also names of vessels and ports from which they came.*

Date of arrival.	Vessel.	Where from.	Number of immigrants.
May 23	Winifredian .....	Liverpool, England .....	4
24	Admiral Schley .....	Port Antonio, Jamaica .....	23
24	Canopic .....	Italian ports .....	1,305
28	Cretic .....	Liverpool, England .....	547
	Total .....	.....	1,879

GEORGE B. BILLINGS, *Commissioner.*



*Report of immigration at Key West, Fla.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Key West, Fla., May 30, 1904.

*Report of arrivals of alien steerage passengers at Key West during the week ended May 28, 1904.*

Date of arrival.	Vessel.	Where from.	Number of aliens.
May 23	Miami .....	Habana, Cuba .....	43
24	Mascotte .....	do .....	135
26	Schr. Fearless .....	Nassau, New Providence .....	13
26	Olivette .....	Habana, Cuba .....	131
27	Miami .....	do .....	17
28	Mascotte .....	do .....	185

JULIUS OTTO, *Immigrant Inspector in Charge.*

*Report of immigration at New York.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
New York, May 31, 1904.

*Number of alien immigrants who arrived at this port during the week ended May 28, 1904, also names of vessels and ports from which they came.*

Date of arrival.	Vessel.	Where from.	Number of immigrants.
1904.			
May 22	Pretoria .....	Hamilton, Bermuda .....	6
22	Blücher .....	Hamburg .....	1,360
22	Patria .....	Naples .....	586
22	Etruria .....	Liverpool .....	405
22	Arabic .....	do .....	449
22	St. Louis .....	Southampton .....	591
23	Columbia .....	Glasgow .....	722
23	Saratoga .....	Habana .....	1
23	Fontabelle .....	St. Kitts .....	22
23	Alala .....	London .....	8
24	Noordam .....	Rotterdam .....	774
24	Finland .....	Antwerp .....	1,141
24	Kronprinz Wilhelm .....	Bremen .....	697
24	Morro Castle .....	Habana .....	15
24	Etruria .....	Barbadoes .....	67
24	Mesaba .....	London .....	1
24	Augusta Victoria .....	Hamburg .....	1
25	Sicilia .....	Naples .....	959
25	Königin Luise .....	Genoa .....	735
25	Kaiser Wilhelm II. .....	Bremen .....	1
26	Prinz Oskar .....	Copenhagen .....	1,093
26	Oceanic .....	Liverpool .....	915
26	Princepsa Letitia .....	Palermo .....	1
26	Patricia .....	Hamburg .....	1
26	Brookline .....	Banes .....	1
27	Aurania .....	Liverpool .....	418
27	Chemnitz .....	Bremen .....	1,037
27	Pretoria .....	Hamburg .....	1,697
28	Prince Robert .....	Glasgow .....	1
28	Sicilia .....	Genoa .....	1
28	Etruria .....	Suriname .....	2
28	Esperanza .....	Habana .....	12
28	Lucania .....	Liverpool .....	587
28	Sicilian Prince .....	Genoa .....	1,023
	Total .....		15,330

WM. WILLIAMS, *Commissioner.*

*Inspection of immigrants.*

MONTHLY.

Place.	Month.	Number of immigrants passe	Number of immigrants rejected.
Manila, P. I. ....	April .....	258	32
Mobile, Ala. ....	May .....	45	0
Niagara Falls, N. Y. ....	do .....	306	24
Sault Ste. Marie, Mich. ....	do .....	78	18

Reports from national quarantine

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
	<b>UNITED STATES:</b>				
1	Alexandria, Va .....	June 4			
2	Beaufort, N. C. ....	do			
3	Biscayne Bay, Fla. ....	May 21			
		May 28			
	Bocagrande, Fla.—				
4	Punta Gorda .....	do			
5	Puntarasa .....	do			
6	Brunswick, Ga. ....	do			
7	Cape Charles, Va. ....	June 4			
8	Cape Fear, N. C. ....	May 28			
9	Cedar Key, Fla. ....	June 4			
10	Columbia River, Oreg. ....	May 21			
11	Cumberland Sound, Fla. ....	June 4			
12	Delaware Breakwater Quarantine, Lewes, Del.	May 28			
13	Dutch Harbor, Alaska .....	May 14			
14	Eastport, Me. ....	June 2			
15	Eureka, Cal. ....	May 28			
16	Grays Harbor, Wash. ....	do			
17	Gulf Quarantine, Ship Is- land, Miss. ....	May 28	Nor. ship Hercules .....	May 25	Port Elizabeth .....
			Br. bk. Annie .....	do	East London .....
			Nor. ship Mafalda .....	May 26	do .....
18	Key West, Fla. ....	May 28			
19	Los Angeles, Cal. ....	do			
20	Newbern, N. C. ....	June 4			
21	Nome, Alaska. ....	May 21			
22	Pascagoula, Miss. ....	May 28			
23	Port Angeles, Wash. ....	May 21			
24	Portland, Me. ....	May 28			
25	Port Townsend, Wash. ....	do			
26	Reedy Island, Del. ....	do			
	St. Georges Sound, Fla.—				
27	East Pass. ....	do			
28	West Pass. ....	do			
29	St. Johns River, Fla. ....	do			
30	San Diego, Cal. ....	do			
31	San Francisco, Cal. ....	do			
32	San Pedro, Cal. ....	do			
33	Santa Barbara, Cal. ....	do			
34	Santa Rosa, Fla. ....	June 4	Nor. bk. Signia .....	May 21	Liverpool .....
			It. bk. Narcissus .....	May 24	Genoa .....
			Nor. bk. Noah VI .....	June 1	Port Natal .....
			It. bk. Chearini .....	June 2	Fort de France .....
			Br. ss. E. O. Saltmarsh .....	do	Tampico .....
			Sp. ss. Oleta .....	June 3	London, via Ha- bana, Veracruz, Tampico and Coatzacoalcos.
35	Savannah, Ga. ....	May 28	Br. schr. J. W. Hutta .....	May 17	Habana .....
36	Sitka, Alaska. ....	May 21			
37	South Atlantic quarantine, Blackbeard Island, Ga. ....	May 28			
38	Southbend, Wash. ....	do			
39	Tampa Bay, Fla. ....	do			
40	Washington, N. C. ....	June 4			

α Previously reported.

and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions.	
2				No report	
3				2 steamships spoken and passed.	
				do.	1
4				No report	
5				do.	
6				1 vessel spoken and passed	1
7				No report	
8					1
9				No report	
10					2
11				No report	
12					3
13				No report	
14					29
15				No transactions.	
16				No report	
17	Gulfport	Disinfected	May 27		5
	Ship Island	do	do		
	do	do	do		11
18				No transactions.	
19				do.	
20				No report	
21					4
22				No transactions.	
23					1
24					2
25				1 vessel spoken and passed.	14
26					
27				No report	
28				No transactions.	
29				6 vessels spoken and passed; 4 steamships passed without inspection.	1
30					1
31				5 cabin passengers on Am. ss. City of Puebla, from Victoria, transferred from ss. Athenian, from Hongkong, held, bathed, and vaccinated on account of smallpox; glandular examination, Am. ss. Siberia, from Hongkong; 1 case leprosy; malaria on Am. ss. City of Sydney, from Panama; temperatures taken.	7
32				No transactions.	
33				do.	
34	Pensacola	Ballast discharged, vessel cleaned.	June 1		7
	do	Discharging ballast			
	do	do			
	do	Fumigated	June 4		
	do	Fumigated, and held to complete 5 days.	June 3		
	do	Disinfected and held			
35	Savannah	Held for observation	May 23		4
36				No report	
37				No transactions.	
				do.	
38				1 vessel spoken and passed.	3
39				No report	
40					

Reports from national quarantine

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
41	HAWAII: Hilo .....	May 7 May 14	.....	.....	.....
42	Honolulu .....	do .....	U. S. a. t. Thomas .....	May 8	San Francisco .....
			U. S. S. New York .....	May 10	Panama .....
			U. S. S. Bennington .....	do .....	do .....
			U. S. S. Tacoma .....	May 14	Bremerton .....
			U. S. S. Mohican .....	May 18	San Francisco .....
43	Kahului .....	May 21 May 14 May 21	.....	.....	.....
44	Kihei .....	Apr. 23 Apr. 30 May 7 May 14 May 7	.....	.....	.....
45	Koloa .....	May 14 May 7	.....	.....	.....
46	Lahaina .....	May 14 do .....	.....	.....	.....
47	Mahukona .....	May 21 Apr. 30 May 7	.....	.....	.....
48	PHILIPPINE ISLANDS: Cebu .....	Apr. 16	Am. banca Oceania .....	Apr. 16	San Isidro .....
		Apr. 23	.....	.....	.....
49	Iloilo .....	Apr. 16	.....	.....	.....
		Apr. 23	.....	.....	.....
		Apr. 30	Am. schr. Clavaw .....	Apr. 30	Cebu .....
50	Jolo .....	Apr. 16	.....	.....	.....
51	Manila .....	Apr. 23 Apr. 16	Br. ss. Kaifong .....	Apr. 10	Hongkong .....
		Apr. 23	Br. ss. Yuensang .....	Apr. 19	Hongkong and Amoy.
		Apr. 30	Br. schr. Perla .....	Apr. 24	Kuchimatsu and Amoy.
			Am. ss. Avante .....	Apr. 25	Subig .....
			Am. schr. San Roque .....	Apr. 28	San Felipe .....

## and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
41				No transactions.	
42	Honolulu	Passed on medical officer's certificate.	May 8	do.	8
	do	do	May 10	do	
	do	do	May 14	do	
	do	do	May 18	do	9
43				No transactions.	
44				do.	
				do.	
				do.	
				do.	
45				do.	
46				do.	
47				do.	1
48	Cebu	Disinfected.	Apr. 16	1 case leprosy removed; crew and passengers bathed; clothing disinfected; 90 bancas inspected and passed.	27
				3 vessels fumigated to destroy vermin; 80 bancas inspected and passed.	32
49				5 vessels fumigated to destroy vermin; 1 case leprosy on Am. schr. Gen. Blanco, from Capiz.	45
				1 vessel fumigated to destroy vermin.	50
	Iloilo	Disinfected and held.		2 cases smallpox, convalescent. Personnel vaccinated and bathed and effects disinfected. Held to complete 14 days.	56
50					9
					8
51	Manila	Fumigated	Apr. 11	5 vessels fumigated to destroy vermin. Crew or members of crew on 48 vessels vaccinated.	79
	do	Held for disinfection.	Apr. 19	264 steerage passengers and 61 crew bathed and effects and baggage disinfected. All inspected. 7 vessels fumigated to destroy vermin. Crew or members of crew on 56 vessels vaccinated.	94
	do	do	Apr. 24	351 steerage passengers and 52 crew bathed and effects and baggage disinfected. All inspected.	104
	do	Disinfected. Part of personnel released, part held.	Apr. —	1 case smallpox. Crew and passengers bathed and effects and baggage disinfected. All on board vaccinated. Mail disinfected. 17 of crew and 13 passengers recently successfully vaccinated released. Patient under treatment in station hospital.	
	do	Disinfected and held.	Apr. 27	1 case smallpox. Crew and passengers bathed and all clothing and baggage disinfected. All held. 4 vessels fumigated to destroy vermin. Crew or members of crew on 65 vessels vaccinated. 2 cases measles on Sp. ss. Antonio Lopez from Liverpool and other ports.	

*Reports from national quarantine*

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
52	POERTO RICO:				
53	Ponce .....	May 28			
	San Juan .....	do			
	Subports—				
54	Aguadilla .....	do			
55	Arecibo .....	do			
56	Arroyo .....	do			
57	Fajardo .....	do			
58	Humacao .....	do			
59	Mayaguez .....	do			

*Reports from State and*

Number.	Name of station.	Week ending—	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md .....	June 4			
2	Bangor, Me .....	do			
3	Boston, Mass .....	do			
4	Charleston, S. C .....	May 28			
5	Elizabeth River, Va. ....	June 4			
6	Galveston, Tex .....	May 28	Schr. Helena .....	May 26	Trinidad .....
7	Gardiner, Oreg .....	do			
8	Marcushook, Pa .....	June 4			
9	Mobile Bay, Ala .....	May 21	Schr. Freddie Hencker .....	May 17	Tampico .....
			Nor. ss. Mount Vernon .....	do	Limon .....
			Rus. bk. Austra .....	May 18	Para .....
		May 28	Nor. bk. Isabel .....	May 25	Montevideo via Barbados.
			Schr. Fred W. Ayre .....	do	Progreso .....
			Swed. bk. Wanlock .....	do	Barbados .....
10	New Bedford, Mass .....	June 4			
11	New Orleans, La .....	May 28	Sp. ss. Conde Wifredo .....	May 22	Barcelona and Cuban ports.
			Ger. ss. Hellas .....	May 23	Progreso .....
			Ger. ss. Alps .....	May 24	Limon .....
			Nor. ss. Nor .....	May 25	Mexican ports .....
			Ger. ss. Bradford .....	May 26	Limon .....
			Ger. ss. Margaretha .....	May 28	Cienfuegos .....
12	Newport News, Va .....	June 4			
13	Newport, R. I. ....	do			
14	New York, N. Y. ....	do			
15	Pass Cavallo, Tex .....	do			
16	Port Royal, S. C. ....	do			
17	Providence, R. I. ....	do			
18	Quintana, Tex .....	do			
19	Sabine, Pass, Tex .....	do			
20	St. Helena Entrance, S. C. ....	do			

and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
52				No report .....	
53				do .....	
54				do .....	
55				do .....	
56				do .....	
57				do .....	
58				do .....	
59				do .....	

municipal quarantine stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No report .....	
2				do .....	
3				do .....	
4				No transactions .....	
5				No report .....	
6	Galveston	Fumigated	May 26		28
7				No report .....	
8				do .....	
9	Mobile	Disinfected and held	May 22		15
	do	Disinfected			
	do	Disinfected and held	May 25		
	do	Disinfected	May 26		15
	do	Disinfected and held	May 31		
	do	do	June 1		
10				No report .....	
11	New Orleans	Disinfected	May 22		
	do	Disinfected and held	May 28		
	do	Disinfected	May 24		
	do	Disinfected and held	May 26		
	do	Disinfected	do		
	do	do	May 28		
12				No report .....	
13				do .....	
14				do .....	
15				do .....	
16				do .....	
17				No transactions .....	
18				No report .....	
19				do .....	
20				do .....	

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1903, to June 10, 1904.*

For reports received from June 27, 1903, to December 25, 1903, see PUBLIC HEALTH REPORTS for December 25, 1903.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alaska:</b>				
Hoonah .....	May 17 .....	3		
Juneau .....	May 15 .....	1		
Killisnoo .....	May 17 .....	2		
Total for Territory .....		6		
Total for Territory, same period, 1903.		1		
<b>Arkansas:</b>				
Fort Smith .....	Dec. 13-Feb. 20	6		
Little Rock .....	Apr. 1-May 31	29		
Total for State .....		35		
Total for State, same period, 1903.				
<b>California:</b>				
Berkeley .....	Jan. 1-Feb. 29	2		
Escondido .....	Feb. 23 .....	1		
Fresno .....	Dec. 1-31 .....	1		
Los Angeles .....	Dec. 27-May 21	16		
Oakland .....	Jan. 1-31 .....		1	
Sacramento .....	Apr. 1-30 .....	1		
San Francisco .....	Dec. 7-May 15	55	4	
Total for State .....		76	5	
Total for State, same period, 1903.		335	3	
<b>Colorado:</b>				
Bent County .....	Feb. 1-29 .....	4		
Boulder County .....	Dec. 1-Apr. 30	31		
Chaffee County .....	Feb. 1-Apr. 30	8		
Conejos County .....	Jan. 1-Feb. 29	37		
Denver County (Denver) .....	Dec. 1-Mar. 31	44	1	
Douglas County .....	Mar. 1-Mar. 31	1		
Eagle County .....	Mar. 1-Apr. 30	5		
El Paso County (Colorado Springs included) .....	Dec. 1-Feb. 29	37		
Gilpin County .....	Apr. 1-30 .....	1		
Huerfano County .....	Dec. 1-Mar. 31	2		
Kit Carson County .....	Dec. 1-Apr. 30	24		
Lake County .....	Dec. 1-Feb. 29	3		
La Plata County .....	Apr. 1-30 .....	1		
Larimer County .....	Dec. 1-Apr. 30	106		
Las Animas County .....	Dec. 1-Jan. 31	4		
Mesa County .....	Dec. 1-31 .....	1		
Otero County .....	Jan. 1-Mar. 31	47		
Pitkin County .....	Dec. 1-Jan. 31	2		
Pueblo County .....	Feb. 1-Apr. 30	11		
Rio Grande County .....	Dec. 1-31 .....	11		
Routt County .....	Jan. 1-Feb. 29	14		
Washington County .....	Dec. 1-Jan. 31	3		
Weld County .....	Dec. 1-Apr. 30	134		
Yuma County .....	Dec. 1-31 .....	1		
Total for State .....		532	1	
Total for State, same period, 1903.		647		
<b>Delaware:</b>				
Wilmington .....	Feb. 21-May 21	1	3	
Total for State .....		1	3	
Total for State, same period, 1903.			1	
<b>District of Columbia:</b>				
Washington .....	Jan. 10-May 21	47		
Total for District .....		47		
Total for District, same period, 1903.		15	1	
<b>Florida:</b>				
Escambia County (Pensacola) .....	Nov. 1-Jan. 16	11		
Dade County (Fort Lauderdale) .....	Nov. 1-Dec. 31	1		
Duval County (Jacksonville) .....	Nov. 1-May 28	40		
Leon County (Tallahassee) .....	Nov. 1-Dec. 31	2		



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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Florida—Continued.</b>				
Polk County (Bartow).....	Nov. 1—Dec. 31	1		
Walton County.....	Jan. 2-16.....	88		
Total for State.....		143		
Total for State, same period, 1903.		328		
<b>Georgia:</b>				
Darien.....	Jan. 14.....	2		
Liberty County.....	Feb. 12.....		7	
Macon.....	May 15-28.....	7		
Total for State.....		9	7	
Total for State, same period, 1903.		130	9	
<b>Illinois:</b>				
Belleville.....	Dec. 13—Mar. 31	29	2	
Cairo.....	Jan. 1—Feb. 5	13		
Chicago.....	Dec. 20—June 4	95	1	
Danville.....	Dec. 13—May 21	43		
East St. Louis.....	May 1—May 31	22	1	
Evanston.....	Jan. 1—Dec. 31, 1903	3		
Freeport.....	Jan. 10-16.....	1		
Galesburg.....	Mar. 6-26.....	7		
Peoria.....	Mar. 1-31.....	10		
Springfield.....	Feb. 26—Mar. 3	3		
Total for State.....		226	4	
Total for State, same period, 1903.		375	21	
<b>Indiana:</b>				
Evansville.....	Dec. 13—Jan. 20	22		
Kokomo.....	Apr. 17-23.....	1		
South Bend.....	Mar. 27—May 14	16	1	
Total for State.....		39	1	
Total for State, same period, 1903.		3,530	138	
<b>Iowa:</b>				
Des Moines.....	Jan. 23—Apr. 30	8		
Dubuque.....	Dec. 27—May 28	2		
Total for State.....		10		
Total for State, same period, 1903.		80		
<b>Kentucky:</b>				
Burlington.....	Mar. 1-28.....	16		
Covington.....	Mar. 13—May 23	23		
Louisville.....	Oct. 1—Apr. 30	66	16	
Springfield.....	Mar. 22-28.....	6		
Total for State.....		111	16	
Total for State, same period, 1903.		631	8	
<b>Louisiana:</b>				
New Orleans.....	Dec. 13—May 28	103	5	Forty imported.
Total for State.....		103	5	
Total for State, same period, 1903.		93	3	
<b>Maine:</b>				
Athens.....	Dec. 31.....			Present.
Biddeford.....	Dec. 13-19.....	1		
Bradley.....	Mar. 18.....	2		
Brewer.....	Dec. 19.....	1		
Brighton.....	Dec. 31.....			Do.
Calais.....	Feb. 7-18.....	10		
Columbia Falls.....	May 17.....			Do.
Jonesport.....	May 16-26.....	23		Do.
Machiasport.....	May 31.....	8		
Madawaska region.....	Dec. 1—Apr. 9	67		
Madison.....	Jan. 28.....	1		
Milford.....	Jan. 7.....	2		
Oldtown.....	To Dec. 24.....	9		
Orono.....	Dec. 19—Jan. 22	3		
Smithfield.....	Jan. 21.....	1		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Maine—Continued.</b>				
Stacyville .....	Jan. 21.....	11		
Van Buren .....	Jan. 1-31.....	7		
<b>Total for State .....</b>		<b>146</b>		
<b>Total for State, same period, 1903.....</b>		<b>316</b>	<b>1</b>	
<b>Maryland:</b>				
Baltimore.....	Jan. 17-June 4	54	3	
Cumberland .....	Feb. 1-Mar. 31	4		
<b>Total for State .....</b>		<b>58</b>	<b>3</b>	
<b>Total for State, same period, 1903.....</b>		<b>55</b>	<b>1</b>	
<b>Massachusetts:</b>				
Brockton .....	Dec. 20-26.....	1		
Fall River .....	Dec. 20-Mar. 19	2		
Haverhill .....	Dec. 20-26.....	1		
Lawrence.....	Jan. 10-16.....	1		
Lowell.....	Mar. 13-Apr. 2	2	1	
<b>Total for State .....</b>		<b>7</b>	<b>1</b>	
<b>Total for State, same period, 1903.....</b>		<b>210</b>	<b>29</b>	
<b>Michigan:</b>				
Detroit.....	Dec. 13-May 28	45	1	
Flint.....	Dec. 13-Feb. 6	5		
Grand Rapids.....	Jan. 2-May 28	22		
Fort Huron .....	Dec. 16-23.....	4		
Bay County .....	Feb. 1-29.....		1	
Lapeer County .....	Feb. 1-29.....		1	
Muskegon .....	Mar. 1-31.....		1	
Osceola County .....	Mar. 1-31.....		1	
St. Joseph County .....	Mar. 1-31.....		1	
<b>Total for State .....</b>		<b>76</b>	<b>6</b>	
<b>Total for State, same period, 1903.....</b>		<b>633</b>	<b>15</b>	
<b>Minnesota:</b>				
Aitkin County .....	Feb. 9-29.....	6		
Anoka County .....	Apr. 5-May 9	2		
Becker County.....	Mar. 1-May 16	53		
Beltrami County.....	Jan. 5-May 9	51	1	
Benton County.....	May 3-9.....	1		
Blue Earth County .....	Apr. 26-May 9	2		
Cass County.....	Jan. 26-Apr. 11	14		
Chippewa County.....	Feb. 9-Apr. 18	26		
Chisago County.....	Jan. 12-Apr. 4	13		
Clay County.....	Dec. 22-Apr. 25	28		
Cottonwood County .....	Feb. 2-15.....	2		
Crow Wing County .....	Jan. 5-Feb. 8	5		
Dakota County.....	Feb. 2-8.....	2		
Dodge County.....	Mar. 15-Apr. 18	13		
Douglas County.....	Jan. 26-May 23	30		
Fillmore County.....	Mar. 1-7.....	2		
Freeborn County.....	Apr. 5-11.....	1		
Grant County.....	Mar. 22-Apr. 18	7		
Goodhue County.....	Jan. 5-May 16	10		
Hennepin County.....	Dec. 22-May 23	182	14	
Hubbard County.....	Jan. 19-May 2	15		
Isanti County.....	Dec. 22-May 23	86		
Itasca County.....	Dec. 15-May 23	22		
Jackson County.....	Jan. 5-11.....	1		
Kandiyohi County.....	Dec. 15-Apr. 11	85		
Kittson County.....	Apr. 5-18.....	5		
Lac qui Parle County .....	Apr. 26-May 9	3		
Lesueur County.....	Apr. 5-25.....	8	1	
Lyon County.....	May 16-23.....	1		
Meeker County.....	Feb. 16-Mar. 21	4		
Millelacs County.....	Feb. 16-May 23	6	1	
Morrison County.....	Dec. 15-Apr. 4	29		
Mower County.....	Feb. 2-8.....	1		
Norman County.....	Feb. 2-May 16	11		
Ottertail County.....	Dec. 15-May 23	138		
Pine County.....	Feb. 2-May 16	9	1	
Pipestone County.....	Mar. 15-May 16	24		
Polk County.....	Jan. 5-Apr. 18	6		
Pope County.....	Mar. 15-May 16	5		
Ramsey County.....	Dec. 29-May 23	42	1	
Redwood County.....	Jan. 19-May 9	5		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Renville County .....	Jan. 19-Apr. 18	9	.....	
Rice County .....	Jan. 19-May 9	9	.....	
Roseau County .....	Jan. 12-18	10	.....	
St. Louis County .....	Jan. 12-May 9	18	.....	
Scott County .....	Mar. 15-May 16	17	.....	
Sherburne County .....	May 3-16	2	.....	
Sibley County .....	Feb. 9-15	1	.....	
Stearns County .....	Dec. 15-May 16	228	.....	
Steele County .....	Jan. 5-18	2	.....	
Stevens County .....	Mar. 15-May 9	3	.....	
Swift County .....	Jan. 26-May 16	29	.....	
Todd County .....	Dec. 15-May 9	152	1	
Wabasha County .....	Jan. 26-Apr. 18	27	.....	
Wadena County .....	Jan. 12-Apr. 25	3	.....	
Washington County .....	Dec. 22-Apr. 11	21	1	
Wilkin County .....	Jan. 5-Apr. 25	18	.....	
Winona County .....	Apr. 26-May 16	2	.....	
Wright County .....	Mar. 1-May 16	10	.....	
Yellow Medicine County .....	May 16-23	1	.....	
Cases not previously reported in Hennepin County.	.....	11	.....	
Cases not previously reported in Kandiyohi County.	.....	13	.....	
Old cases not reported pre- viously in Stearns County.	.....	11	.....	
Total for State .....	.....	1,498	21	
Total for State, same period, 1903.	.....	3,658	28	
<b>Missouri:</b>				
St. Louis .....	Dec. 20-May 28	208	9	
Total for State .....	.....	208	9	
Total for State, same period, 1903.	.....	275	5	
<b>Montana:</b>				
Butte .....	Jan. 1-Feb. 29	16	.....	
Helena .....	Jan. 1-31	1	.....	
Total for State .....	.....	17	.....	
Total for State, same period, 1903.	.....	17	.....	
<b>Nebraska:</b>				
Omaha .....	Dec. 20-May 28	16	1	
Total for State .....	.....	16	1	
Total for State, same period, 1903.	.....	91	.....	
<b>New Hampshire:</b>				
Manchester .....	Dec. 13-May 28	64	1	
Nashua .....	Jan. 3-23	3	.....	
Total for State .....	.....	67	1	
Total for State, same period, 1903.	.....	216	.....	
<b>New Jersey:</b>				
Camden .....	Dec. 27-Apr. 30	28	5	Imported.
Jersey City .....	Mar. 21-27	1	.....	
Newark .....	Feb. 1-6	1	.....	
Plainfield .....	Jan. 17-23	1	.....	Do.
Trenton .....	Dec. 27-Apr. 23	43	8	
Total for State .....	.....	74	13	
Total for State, same period, 1903.	.....	101	5	
<b>New York:</b>				
Buffalo .....	Dec. 20-May 14	45	.....	
Elmira .....	Feb. 7-13	1	.....	
New York .....	Dec. 20-May 28	28	4	
Niagara Falls .....	Feb. 14-Apr. 12	15	.....	
Saratoga Springs .....	Dec. 1-31	1	.....	
Total for State .....	.....	90	4	
Total for State, same period, 1903.	.....	98	12	

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

Place.	Date.	Cases.	Deaths.	Remarks.	
<b>North Carolina:</b>					
Alamance County	Jan. 1-31	122		Present.	
Anson County	Jan. 1-31				
Bladen County	Jan. 1-31	1			
Buncombe County	Jan. 1-31	8			
Cabarrus County	Jan. 1-31	1			
Chowan County	Jan. 1-31	1			
Cleveland County	Jan. 1-31	4			
Cumberland County	Jan. 1-31	3			
Davidson County	Jan. 1-31	72			
Davie County	Jan. 1-31	2			
Durham County	Jan. 1-31	10			
Edgecombe County	Jan. 1-31	8	2		
Forsyth County	Jan. 1-31	17			
Gaston County	Jan. 1-31	17			
Guilford County	Jan. 1-31	8			
Harnett County	Jan. 1-31	3			
Henderson County	Jan. 1-31	3			
Iredell County	Jan. 1-31	8			
Jackson County	Jan. 1-31	25			
Johnston County	Jan. 1-31	5			
Macon County	Jan. 1-31				Do. Do.
Madison County	Jan. 1-31				
Mecklenburg County (Charlotte included).	Jan. 1-Apr. 30	7			
New Hanover County (Wilmington included).	Jan. 1-Mar. 8	11			
Orange County	Jan. 1-31	10			
Perquimans County	Jan. 1-31	32			
Pitt County	Jan. 1-31	13			
Richmond County	Jan. 1-31	7			
Robeson County	Jan. 1-31				Do.
Rockingham County	Jan. 1-31	4			
Scotland County	Jan. 1-31	20			
Stanly County	Jan. 1-31	2			
Union County	Jan. 1-31	6			
Yancey County	Jan. 1-31	12			
Wake County	Jan. 1-31	1			
Wayne County	Jan. 1-31	10			
Wilkes County	Jan. 1-31	20			
Wilson County	Jan. 1-31	4			
Yancey County	Jan. 1-31	6			
Total for State		483	2		
Total for State, same period, 1903.		2,565	23		
<b>North Dakota:</b>					
Barnes County	Dec. 1-Mar. 31	19			
Cass County	Nov. 1-Mar. 31	13			
Cavalier County	Dec. 1-Feb. 29	16			
Eddy County	Dec. 1-31	1			
Emmons County	Feb. 1-29	2			
Grand Forks County	Nov. 1-Dec. 31	12			
Griggs County	Dec. 1-31	1			
McHenry County	Feb. 1-Mar. 31	8			
McLean County	Jan. 1-Feb. 29	3			
Ransom County	Nov. 1-Feb. 29	64			
Richland County	Feb. 1-Mar. 31	3			
Rolette County	Nov. 1-Mar. 31	10			
Stark County	Feb. 1-29	3			
Stutsman County	Dec. 1-31	1			
Towner County	Nov. 1-Mar. 31	10			
Trails County	Dec. 1-Mar. 31	6			
Walsh County	Dec. 1-Mar. 31	32			
Ward County	Dec. 1-Mar. 31	8			
Wells County	Nov. 1-Feb. 29	20			
Williams County	Dec. 1-Mar. 31	26			
Total for State		258			
Total for State, same period, 1903.		48			
<b>Ohio:</b>					
Allen County	Aug. 8-Apr. 9	30			
Ashland County	Jan. 1-Apr. 9	1			
Ashtabula County	Aug. 8-Apr. 9	12			
Athens County	Aug. 8-Apr. 9	112	1		
Auglaize County	Aug. 8-Apr. 9	40	4		
Belmont County	Aug. 8-Apr. 9	25	8		
Butler County	Aug. 8-Apr. 30	28			
Carroll County	Aug. 8-Apr. 9	34			
Champaign County	Aug. 8-Apr. 9	19			

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
Clark County .....	Jan. 1-Apr. 9	4	.....	
Clermont County .....	Jan. 1-Apr. 9	1	.....	
Columbiana County .....	Aug. 8-Apr. 9	60	1	
Coshocton County .....	Aug. 8-Apr. 9	66	.....	
Crawford County .....	Aug. 8-May 28	85	.....	
Cuyahoga County .....	Aug. 8-May 27	54	7	
Darke County .....	Aug. 8-Dec. 26	1	.....	
Delaware County .....	Aug. 8-Dec. 26	13	.....	
Eric County .....	Aug. 8-Apr. 9	17	.....	
Fairfield County .....	Aug. 8-Apr. 9	9	.....	
Franklin County .....	Aug. 8-Apr. 9	174	5	
Gallia County .....	Aug. 8-Apr. 9	74	5	
Greene County .....	Jan. 1-Apr. 9	1	.....	
Guernsey County .....	Aug. 8-Apr. 9	132	1	
Hamilton County .....	Aug. 8-May 27	195	12	
Hancock County .....	Aug. 8-Apr. 9	31	.....	
Hardin County .....	Jan. 1-Apr. 9	1	.....	
Harrison County .....	Aug. 8-Apr. 9	26	4	
Hocking County .....	Jan. 1-Apr. 9	81	.....	
Holmes County .....	Jan. 1-Apr. 9	44	.....	
Jackson County .....	Aug. 8-Apr. 9	31	.....	
Jefferson County .....	Aug. 8-Apr. 9	60	.....	
Knox County .....	Aug. 8-Dec. 26	1	.....	
Lake County .....	Aug. 8-Dec. 26	1	.....	
Lawrence County .....	Aug. 8-Apr. 9	242	16	
Licking County .....	Aug. 8-Apr. 9	49	1	
Lorain County .....	Aug. 8-Apr. 9	4	1	
Lucas County .....	Aug. 8-May 28	10	.....	
Madison County .....	Jan. 1-Apr. 9	1	.....	
Mahoning County .....	Aug. 8-Apr. 9	239	5	
Marion County .....	Aug. 8-Apr. 9	258	1	
Miami County .....	Aug. 8-Apr. 9	32	2	
Montgomery County .....	Aug. 8-June 4	233	19	
Morgan County .....	Jan. 1-Apr. 9	2	.....	
Morrow County .....	Aug. 8-Apr. 9	9	.....	
Muskingum County .....	Aug. 8-Apr. 9	34	.....	
Noble County .....	Jan. 1-Apr. 9	4	.....	
Ottawa County .....	Aug. 8-Apr. 9	15	.....	
Paulding County .....	Aug. 8-Dec. 26	2	.....	
Perry County .....	Aug. 8-Apr. 9	71	.....	
Pickaway County .....	Jan. 1-Apr. 9	1	.....	
Portage County .....	Aug. 8-Apr. 9	6	.....	
Preble County .....	Jan. 1-Apr. 9	4	.....	
Putnam County .....	Aug. 8-Apr. 9	45	.....	
Richland County .....	Aug. 8-Apr. 9	27	1	
Ross County .....	Jan. 1-Apr. 9	4	.....	
Scioto County .....	Aug. 8-Apr. 9	20	.....	
Seneca County .....	Aug. 8-Dec. 26	1	.....	
Stark County .....	Aug. 8-Apr. 9	144	.....	
Summit County .....	Aug. 8-Apr. 9	41	.....	
Trumbull County .....	Aug. 8-Apr. 9	44	.....	
Tuscarawas County .....	Aug. 8-Apr. 9	35	1	
Union County .....	Aug. 8-Apr. 9	30	.....	
Van Wert County .....	Jan. 1-Apr. 9	12	1	
Vinton County .....	Aug. 8-Apr. 9	13	.....	
Washington County .....	Aug. 8-Apr. 9	76	1	
Wayne County .....	Aug. 8-Apr. 9	9	.....	
Williams County .....	Jan. 1-Apr. 9	30	.....	
Wood County .....	Aug. 8-Dec. 26	31	.....	
Wyandot County .....	Aug. 8-Apr. 9	18	.....	
Total for State .....		3,259	97	
Total for State, same period, 1903.		4,390	246	
<b>Pennsylvania:</b>				
Allegheny County .....	Dec. 13-May 28	181	36	Thirteen cases imported at Pittsburg.
Beaver County .....	Dec. 1-Jan. 31	5	1	
Berks County .....	Dec. 1-Mar. 4	41	.....	
Blair County .....	Dec. 1-Mar. 12	20	3	One case imported.
Bradford County .....	Dec. 1-Jan. 31	10	.....	
Bucks County .....	Dec. 1-Jan. 31	4	.....	
Butler County .....	Feb. 1-Apr. 30	3	.....	
Cambria County .....	Dec. 1-May 28	59	4	Two cases imported.
Clearfield County .....	Dec. 1-Jan. 31	20	.....	
Columbia County .....	Dec. 1-Jan. 31	8	.....	
Center County .....	Dec. 1-Jan. 31	4	.....	
Chester County .....	Dec. 1-Jan. 31	1	.....	
Crawford County .....	Apr. 17-30.....	23	.....	
Cumberland County .....	Dec. 1-Jan. 31	2	.....	
Dauphin County .....	Dec. 1-Jan. 31	2	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Pennsylvania—Continued.</b>				
Delaware County .....	Dec. 1-Jan. 31	8	.....	
Eric County .....	Dec. 1-Apr. 2	111	1	
Fayette County .....	Dec. 1-Jan. 31	28	1	
Greene County .....	Dec. 1-Jan. 31	40	.....	
Indiana County .....	Dec. 1-Jan. 31	10	.....	
Jefferson County .....	Dec. 1-Jan. 31	8	3	
Lackawanna County .....	Dec. 1-Mar. 31	12	.....	
Lancaster County .....	Dec. 1-Jan. 31	1	.....	
Lebanon County .....	Dec. 1-Jan. 31	11	1	
Lehigh County .....	Dec. 1-Apr. 23	120	.....	
Luzerne County .....	Dec. 1-Jan. 31	4	.....	
Lycoming County .....	Jan. 3-Apr. 23	16	3	
Monroe County .....	Dec. 1-Jan. 31	5	.....	
Montgomery County .....	Dec. 1-May 14	9	1	
Northampton County .....	Dec. 1-Jan. 31	235	.....	
Northumberland County .....	Dec. 1-Jan. 31	3	.....	
Perry County .....	Dec. 1-Jan. 31	1	.....	
Philadelphia County .....	Dec. 20-June 4	912	222	
Schuylkill County .....	Dec. 1-Jan. 31	16	.....	
Somerset County .....	Dec. 1-Jan. 31	9	.....	
Susquehanna County .....	Dec. 1-Jan. 31	2	.....	
Warren County .....	Jan. 1-Jan. 31	10	3	
Washington County .....	Dec. 1-Jan. 31	18	.....	
Wayne County .....	Dec. 1-Jan. 31	92	.....	
Westmoreland County .....	Dec. 1-Jan. 31	43	.....	
Total for State .....		2,107	279	
Total for State, same period, 1903.		3,125	207	
<b>South Carolina:</b>				
Charleston .....	Dec. 20-May 21	47	4	Three imported.
Georgetown .....	Mar. 27 .....	1	.....	
Greenville .....	Feb. 21-May 28	40	.....	
Total for State .....		88	4	
Total for State, same period, 1903.		250	10	
<b>Tennessee:</b>				
Memphis .....	Dec. 13-May 28	415	8	
Nashville .....	Dec. 27-June 4	149	.....	
Total for State .....		564	8	
Total for State, same period, 1903.		1,830	32	
<b>Texas:</b>				
San Antonio .....	Dec. 1-Apr. 30	57	.....	
Total for State .....		57	.....	
Total for State, same period, 1903.		11	.....	
<b>Utah:</b>				
Ogden .....	Jan. 1-Mar. 31	3	.....	
Salt Lake City .....	Dec. 27-May 28	19	.....	
Total for State .....		22	.....	
Total for State, same period, 1903.		344	2	
<b>Virginia:</b>				
Danville .....	Feb. 7-13 .....	2	.....	
Pocahontas .....	Jan. 1-May 31	23	5	
Total for State .....		25	5	
Total for State, same period, 1903.		9	2	
<b>Washington:</b>				
Adams County .....	Dec. 1-Apr. 30	6	.....	
Chehalis County .....	Dec. 1-31 .....	3	.....	
Chelan County .....	Mar. 1-Apr. 30	9	.....	
Clallam County .....	Mar. 1-31 .....	1	.....	
Clarke County .....	Feb. 1-29 .....	1	.....	
Columbia County .....	Jan. 1-31 .....	1	.....	
Franklin County .....	Mar. 1-31 .....	1	.....	
Jefferson County (Port Town- send) .....	Apr. 12 .....	1	.....	
King County (Seattle included)	Dec. 1-Apr. 13	49	.....	
Kittitas County .....	Dec. 1-31 .....	1	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Washington—Continued.</b>				
Klickitat County .....	Dec. 1-Apr. 30	28	.....	
Lewis County .....	Feb. 1-29.....	1	.....	
Lincoln County .....	Dec. 1-Apr. 30	3	.....	
Mason County .....	Mar. 1-31.....	1	.....	
Pacific County .....	Jan. 1-Feb. 29	2	.....	
Pierce County (Tacoma included).	Feb. 1-May 23	8	.....	
Skagit County .....	Feb. 1-29.....	1	.....	
Spokane County (Spokane included).	Dec. 1-Apr. 30	25	3	
Thurston County .....	Feb. 1-29.....	2	.....	
Wallawalla County .....	Dec. 1-Jan. 31	9	.....	
Whatcom County .....	Dec. 1-Feb. 29	18	.....	
Whitman County .....	Dec. 1-Mar. 31	4	.....	
Yakima County .....	Jan. 1-Apr. 30	10	.....	
Total for State .....		185	3	
Total for State, same period, 1903.		273	.....	
<b>West Virginia:</b>				
Martinsburg .....	Apr. 4-May 13	20	1	
Total for State .....		20	1	
Total for State, same period, 1903.		9	.....	
<b>Wisconsin:</b>				
Milwaukee .....	Dec. 13-May 28	193	.....	
Total for State .....		193	.....	
Total for State, same period, 1903.		1,313	6	
Grand total .....		10,856	500	
Grand total, same period, 1903.		26,167	811	

*Plague in the United States, as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1903, to June 10, 1904.*

Place.	Number since March, 1900.	Number since January 1, 1904.	Re-reported.	Died.	Bacteriologically confirmed.	Remarks.
<b>California:</b>						
San Francisco .....	111	1	Jan. 10	Jan. 10	Jan. 25	Recovered.
Do .....	112	2	Jan. 12	Jan. 11	Jan. 27	
Do .....	113	3	Jan. 13	Jan. 13	Jan. 22	
Do .....	114	4	Feb. 7	.....	Feb. 17	
Do .....	115	5	Feb. 9	Feb. 8	Feb. 27	
Do .....	116	6	Feb. 12	Feb. 12	Feb. 24	
Do .....	117	7	Feb. 15	Feb. 14	.....do	
Do .....	118	8	Feb. 17	Feb. 19	Mar. 8	
Concord .....	a 119	9	Mar. 1	Feb. 29	Mar. 12	

a Cases 119 and 120 not having been bacteriologically confirmed, case 121 has been numbered 119.

Summary: Calendar year, 1900, 22 cases, 22 deaths; 1901, 30 cases, 25 deaths; 1902, 41 cases, 41 deaths; 1903, 17 cases, 17 deaths.

*Yellow fever in the United States, as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1903, to June 10, 1904.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Texas:</b>				
Laredo .....	Dec. 26-Mar. 18	6	.....	One case imported from Minera.

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







## FOREIGN AND INSULAR.

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### CORRECTION.

Telegram in Public Health Reports for June 3, 1904, page 1121, stating the existence of plague in Aden, should read "Plague over."

### AFRICA.

*Report from Cape Colony—Plague—Examination for plague and plague-infected rodents.*

COLONIAL SECRETARY'S OFFICE,  
*Cape Town, Cape of Good Hope, May 2, 1904.*

The following report by the medical officer of health for the Colony on the state of the outbreak of bubonic plague in the Cape Colony for the week ended April 30, 1904, is published for general information.

NOEL JANISCH,  
*Under Colonial Secretary.*

*Port Elizabeth.*—One case of plague was recorded during the week, namely: A Chinese male, a suspect removed on the 23d of April for observation and treatment and diagnosed as plague on the 28th idem. At the plague hospital, six cases remain under treatment. Eighty-three rats and 54 mice were examined bacteriologically during the week, of which 18 rats and 14 mice proved to be plague-infected.

*Other places.*—At East London, Uitenhage, Queenstown, King Williams Town, and Knysna, no case of plague was discovered in man or animal.

### EXAMINATION OF RODENTS IN CAPE TOWN AND HARBOR BOARD AREA.

*Harbor board area and shipping in harbor.*—Number examined, 271; nothing found suspicious of plague.

*Cape Town.*—Number examined by the medical officer of health for the city, 358; nothing found suspicious of plague.

A. JOHN GREGORY,  
*Medical Officer of Health for the Colony.*

### BRAZIL.

*Report from Bahia—Mortuary statistics—Smallpox.*

Consul Furniss reports, May 9, as follows:

During the week ended May 7, 1904, 92 bodies were interred in the Bahia cemeteries.

Causes of death: Arterio-sclerosis 1, asphyxia 1, bronchitis 3, cancer 1, cerebral congestion 2, cirrhosis of liver 1, death by violence 2, diarrhea and dysentery 17, gangrene 1, intestinal parasites 1, malarial fevers 7, meningitis 1, myelitis 1, organic diseases of heart 3, pneumonia 1, puerperal fever 3, pulmonary tuberculosis 7, rheumatism

1, senile debility 3, stillborn 5, syphilis 1, umbilical hemorrhage 5, uremia 1, whooping cough 2, other causes 21.

During the same period there were four new cases of smallpox, with no deaths.

*Reports from Rio de Janeiro—Inspection of vessels—Yellow fever, plague, smallpox, and dysentery in Pernambuco.*

Acting Assistant Surgeon Stewart reports, May 5, as follows:

During the week ended April 30, 1904, the following vessels were inspected and were issued bills of health: On April 25 the steamship *Valentia*, British, for Pensacola, in water ballast; no change in the personnel of crew while here and no passengers. On April 26 the steamship *Bellaura*, British, for New York, with a cargo of coffee, no passengers, and with one new member of crew taken on here. On the same date the steamship *Bellagio*, for New York, with a cargo of coffee, no change in the personnel of the ship, and with 8 steerage passengers. This ship carried no medical officer. On April 30 the steamship *Planet Neptune*, for Baltimore, a British steamer, with no change in the crew personnel, and with 1 passenger, the captain's wife. This vessel was loaded with manganese ore, and had no other cargo. On April 25 the *Presidente Sarmiento*, an Argentine naval vessel, a school ship, left this port for New York, via intermediate ports, and as she was a government vessel the bill of health was issued without inspection, and on the report of the ship's medical officers of the Argentine navy.

All vessels, of course, lay out in the open bay while discharging and taking on cargo.

THE PLAGUE IN CHILE.

The only reports received from Chile consist of a dispatch of date of the 2d instant, stating that the Government has imposed a rigorous quarantine upon all persons arriving in Santiago from Lima, Peru, and from Antofagasta, Chile, and one of date of the 4th instant, stating that the epidemic of bubonic plague in Antofagasta continues, and that the number of cases has very considerably increased during the last few days. No numbers are given in the dispatch.

A press dispatch, of date of April 30, says that the foot-and-mouth disease has appeared among the herds of the valley of Maipo, many of which are affected. The disease was transmitted by cattle coming from the Argentine Republic.

DYSENTERY OUTBREAK IN PERNAMBUCO.

This epidemic continues with increasing severity. The captains and officers of vessels arriving here from Pernambuco, with whom I have talked, as well as passengers arriving here from that city, all tell me that the condition of the city is extremely bad, and the prospect of an early cessation of the disease most remote.

The latest reports received, of this date, state that during the last fifteen days of April the coefficient of mortality in Pernambuco reached the enormous figures of 80 per 1,000—8 per cent of the inhabitants.

The highest number of deaths in any one day during this period was 51, the lowest 33, and the average for the period 42. The total

number of deaths during this time was 629, of which number 341 were caused by dysentery.

When one stops to consider that during the same period in this city, Rio de Janeiro, there were only 620 deaths, and that although Pernambuco had nine more deaths during these fifteen days, than occurred in Rio, the population of Pernambuco at the highest possible estimate is not more than one-third that of Rio de Janeiro, the terrible character of the sanitary situation there at this time can be estimated. And, what is the worst feature about the affair, is the fact, that there seems to be no prospect of any amelioration.

THE MORTALITY RATE OF BUENOS AYRES.

In the speech of the President of the Argentine Republic at the opening of Parliament on the 4th instant, he said, in regard to the sanitary condition of the Republic, that throughout the whole Republic it was excellent. In the city of Buenos Ayres, the capital, he stated that the death rate was but 16 per 1,000 of the population.

MORTALITY REPORT OF RIO DE JANEIRO, WEEK ENDED MAY 1, 1904.

This week's sanitary report is excellent in every respect.

During the week there were only 295 deaths, of which number none were due to either yellow fever or plague. The former disease caused 3 cases reported, and the latter but 2 cases, which, of course, were removed to Paulo Candido.

At the close of the week there was only 1 case of yellow fever in Sao Sebastiao Hospital and only 4 cases of plague at Jurajuba. Variola caused 38 deaths, with a total of 58 cases reported. At the week's end there were 105 cases of this disease in the Hospital Sao Sebastiao.

The absence of any deaths due either to yellow fever or plague during the week is a state of sanitation which has not occurred previously here since my arrival in last November.

Coincidentally with this decrease in yellow-fever cases and deaths is a decrease in the deaths from malarial affections, there being only 2 deaths due to these causes during the week, while the usual average number of deaths from the malarial diseases is 10 or 11 weekly. There were no deaths from measles, scarlet fever, or dysentery. Enteric fever caused 2 deaths, whooping cough, 1; diphtheria, 3; grippe, 10; leprosy, 1; beriberi, 2, and tuberculosis, 36.

The highest range of the thermometer was on the 30th, 29.7° C., and the lowest on Thursday the 28th, 18.1° C., while the average for the week was 21.41° C.

The rainfall for the week was 1.91 mm., all the rain occurring on one day, namely, the 1st instant.

*Deaths in Rio de Janeiro during the first quarter of 1904.*

Diseases.	Cases.	Deaths.	Diseases.	Cases.	Deaths.
Yellow fever .....	74	24	Grippe.....		108
Bubonic plague .....	83	40	Measles.....		16
Variola .....	817	500	Scarlet fever.....		2
Leprosy.....		7	Whooping cough.....		9
Beriberi.....		51	Dysentery.....		11
Malarial fevers.....		192	Diphtheria.....		18
Tuberculosis.....		840	Hydrophobia.....		2
Enteric fever.....		33	Erysipelas.....		7

During this period of four months, January 1 to April 30, 1904, there were from all causes, including those given in detail above, 5,405 deaths in this city.

*Dysentery in Pernambuco.*

RIO, June 7, 1904.

WYMAN, Washington:

It is reported that there have been 80± deaths from dysentery at Pernambuco, May.

STEWART.

BRITISH HONDURAS.

*Report from Belize, fruit port.*

Acting Assistant Surgeon Carson reports as follows: Week ended May 26, 1904: Present officially estimated population, 8,500; number of deaths, 2; prevailing diseases, malarial fever and intestinal disorders; general sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
May 20	Olympia .....	41	13	34	0
26	Spero.....	15	0	0	0

CANADA.

*Inspection of immigrants at Quebec.*

Acting Assistant Surgeon Stevenson reports, May 30, as follows: Week ended May 28, 1904: Number of immigrants inspected, 254; number passed, 253; number detained, 1.

CHILE.

*Plague in Valparaiso.*

CALLAO, June 8, 1904.

WYMAN, Washington:

According to news received here, plague is now present in Valparaiso.

LLOYD.

CHINA.

*Report from Hongkong—Emigrants recommended for rejection.*

Passed Assistant Surgeon White reports as follows: Number of emigrants per steamship *Doric*, recommended April 16, for rejection: For Honolulu 10, for San Francisco 15.

*Reports from Shanghai—Smallpox.*

Acting Assistant Surgeon Ransom reports, April 26 and May 3, as follows:

During the week ended April 23, 1904, there were issued 2 original and 1 supplemental bills of health, and there were inspected 2 vessels, 209 crew, and 32 cabin passengers. One case of sickness removed from the U. S. transport *Burnside* at the local quarantine station was ascertained to have been chickenpox. This was noted on the bill of health, the diagnosis having been concurred in by the quarantine officer and the ship's surgeon. Manifests were signed for 1,625 pieces of freight. One emigrant was inspected and passed; also 42 pieces of personal baggage.

The municipal health officer reports for the period: Smallpox, 1 case, 14 deaths; enteric fever, 1 case; diphtheria, 1 case, 1 death; tuberculosis, 28 deaths. Total reported mortality, 2 foreigners and 132 natives.

No quarantinable diseases reported from outports.

During the week ended April 30, 1904, there were no bills of health issued at that port.

The report of the municipal health officer shows for the week smallpox 1 case, 7 deaths; enteric fever, 1 case; diphtheria, 1 case, 4 deaths; tuberculosis, 40 deaths. The total mortality is given as 3 foreigners and 135 natives.

No quarantinable diseases were reported from outports except one case of typhus fever, heretofore mentioned, which recovered. This case was on H. M. S. *Snipe* at Hankow.

I have been informed that an epidemic of smallpox has broken out on the U. S. S. *Frolic*, the disease having been contracted while the vessel was in this port. She is now somewhere down the coast.

*Plague in Amoy.*

(By telephone from State Department.)

AMOY, June 4, 1904.

HAY, Washington:

Plague.

FESLER, Consul.

## CUBA.

*Report from Cienfuegos—Closing of insanitary tenement houses.*

Acting Assistant Surgeon McMahon reports, May 25, as follows:

Transactions for the week ended May 21, 1904: Vessels inspected and bills of health issued, 2; crews inspected, 57; passengers inspected, none.

By a recent order of the city council of this city a great many old houses that have been used as sleeping quarters for a very poor class of people have been closed on account of the very bad sanitary condition of these premises. These houses could be classed as very dirty tenement houses, and have always been a menace to the public health, especially in times of epidemics.

Mortuary report not yet received.

*Reports from Habana—Suspicious case on steamship Monterey, from Mexican ports, not yellow fever.*

Acting Assistant Surgeon Echemendia reports, May 26 and June 2, as follows:

Week ended May 26, 1904: Vessels inspected and bills of health issued, 26; crew of outgoing vessels inspected, 1,652; passengers of outgoing vessels inspected, 733; pieces of freight passed (salted hides), 89; certificates issued for New Orleans, 23.

The case landed from the steamship *Monterey* on May 17, from Mexico, that was taken by the Cuban authorities to Las Animas Hospital as suspicious of yellow fever was found, after examination by the Commission, not to be yellow fever.

No certificates have been issued since last Monday for Mobile and New Orleans as per your cable order.

*Mortuary report of Habana for the week ended May 21, 1904.*

Disease.	Number of deaths.
Meningitis .....	13
Enteritis .....	5
Pneumonia .....	4
Pernicious fever .....	1
Cachexia .....	2
Enteric fever .....	1
Tuberculosis .....	21
Cancer .....	3
Paralysis .....	1
Bronchitis .....	1

Total deaths from all causes, 95.

*Suspicious case on steamship Vigilancia from Veracruz.*

Week ended May 28, 1904: Vessels inspected and bills of health issued, 22; crew of outgoing vessels inspected, 843; passengers of outgoing vessels inspected, 980; pieces of freight passed (salted hides), 1,000.

On board the steamship *Vigilancia*, which arrived from Veracruz on May 30, there was a passenger very suspicious of yellow fever, who was taken by the Cuban authorities to Las Animas Hospital to have the nature of the fever diagnosed by the commission. The case is still under observation.

*Mortuary report of Habana for the week ended May 28, 1904.*

Disease.	Number of deaths.
Tuberculosis .....	17
Cancer .....	7
Bronchitis .....	5
Pneumonia .....	2
Enteritis .....	5
Enteric fever .....	2
Meningitis .....	7
Scarlet fever .....	1

Total deaths from all causes, 97.

*Report from Matanzas—Enteric fever and scarlet fever—Detention of steamship Tiger from Tampico.*

Acting Assistant Surgeon Nuñez reports, May 24 and 30, as follows: Week ended May 21, 1904: Four bills of health issued to vessels leaving this port for the United States.

The Norwegian steamship *Tiger*, originally from Tampico, Mex. which cleared for a port in the United States, via Cardenas, Cuba, on May 17, was held in quarantine while she remained in this harbor because of coming from a port infected with yellow fever. Up to the time this vessel departed from here no sickness had occurred on board.

The epidemic of scarlet fever, of which mention is made in my previous reports, has been kept very well under control through the prophylactic measures that are being enforced. There has been but one new case reported and no deaths since last week. Every patient is being subjected to a period of detention and observation of not less than forty days before being discharged and allowed to go about, especially in the case of children resuming school duties. The infected clothes in some instances have been disinfected by soaking in a 10 per cent solution of carbolic acid and then by steam at the shore disinfecting plant, and in other cases by boiling in water for half an hour before being sent to the wash. Curtains, also soaked in a 10 per cent solution of carbolic acid, are placed covering the opening of every door and window communicating with the room occupied by the patient.

The attending physicians are required, under penalty, to change their clothing after visiting a patient with scarlet fever and before having communication with other cases of a different character, so as to avoid conveying the infection and the dissemination of the disease. Every infected house is closely policed by permanent guards to cut off all communications, and the prospects are that by persevering with the same proceedings the epidemic will soon be stamped out from this city.

Two deaths from enteric fever have also been reported during the week, as will be noted in the accompanying mortuary report. Nothing as yet has been ascertained as to the origin of the prevailing cases of enteric fever. The result of the examination of the water supply has not been reported yet to the sanitary authorities of this city.

*Mortuary statistics of the city of Matanzas, May 10 to 20, 1904.*

Causes of death.	Number of deaths.	Bertillon number.
Fever, enteric.....	2	1
Meningitis.....	2	61
Senility.....	2	154
Persistence of foramen ovale.....	1	150
Arterio-sclerosis.....	4	150
Tuberculosis.....	5	81
Lesion of heart, organic (unqualified).....	2	79
Occlusion, intestinal.....	1	108
Enteritis.....	1	105
Tetanus, infantile.....	1	72
Softening, cerebral.....	1	65
Bronchitis.....	1	90
Bright's disease.....	1	120
<b>Total.....</b>	<b>24</b>	

Estimated population, 48,000; annual average of mortality per 1,000, 18.25.



*Disinfection of steamship St. Gothard, from Tampico.*

Week ended May 28, 1904: Bills of health issued to 8 vessels leaving for ports in the United States.

The British steamship *St. Gothard*, which sailed from Tampico, Mexico, May 10, for a port in the United States via Cardenas and Matanzas, was disinfected at this port May 24, at the request of her captain. This vessel arrived in this port with a partial cargo of sugar from Cardenas, and was disinfected before commencing to take on here the balance of her cargo. She left this port May 27, bound for New Orleans direct with no sickness on board.

The object of the disinfection was to gain time by avoiding the period of detention in quarantine on her arrival at the port of destination.

The only infectious disease reported in this city during the past week has been one case of enteric fever. The epidemic foci of scarlet fever have been so well dealt with that no further cases have been reported. All infected premises have already been disinfected and the patients have been discharged cured, without there being a single case of death.

The mortuary statistics of Matanzas for the latter part of the present month will be forwarded with my next report.

*Reports from Santiago.*

Acting Assistant Surgeon Wilson reports, May 24 and 30, as follows:

Week ended May 21, 1904, bills of health issued to 9 vessels bound for the United States and Porto Rico.

No quarantinable disease has been reported.

*Mortuary report for the week ended May 21, 1904.*

Causes of death.	Number.	Bertillon number.
Pernicious fever .....	2	4
Tubercle of lungs .....	1	27
Meningitis .....	1	61
Cerebral hemorrhage .....	1	64
Tetanus, infantile .....	3	72
Endocarditis .....	1	78
Organic heart disease .....	1	79
Arterio-sclerosis .....	1	81
Broncho-pneumonia .....	1	92
Pneumonia, double .....	2	93
Empyema .....	1	94
Enterocolitis, under 2 years old .....	4	105
Athrepsia .....	1	105a
Congenital debility .....	1	151
Ill-defined or unspecified .....	3	179
Total .....	24	.....

Annual rate of mortality for the week, 27.42 per 1,000. Estimated population, 45,500.

Week ended May 28, 1904. Bills of health issued to 3 vessels bound for the United States.

No quarantinable disease has been reported.

*Mortality report for the week ended May 28, 1904.*

Causes of death.	Number.	Bertillon number.
Pernicious fever .....	1	4
Tubercle of lungs .....	5	27
Organic heart disease .....	3	79
Arterio-sclerosis .....	1	81
Pleuro-pneumonia .....	1	93
Enteritis (under 2 years) .....	3	105
Intestinal obstruction .....	1	108
Uraemia .....	1	120
Total .....	16	

Annual rate of mortality for the week, 18.28 per 1,000; estimated population, 45,500.

## GUATEMALA.

*Report from Livingston, fruit port.*

Acting Assistant Surgeon Peters reports as follows: Week ended May 23, 1904: Present officially estimated population, 3,500; 1 death; prevailing diseases, malarial; general sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
May 17	Belize .....	17			
17	Olympia .....	41	20		

The steamship *Olympia* cleared from Puerto Barrios.

## HAWAII.

*Quarantine transactions in the Hawaiian Islands during the month of April, 1904.*

Chief Quarantine Officer Cofer reports, May 2, as follows:

## PORT OF HONOLULU.

## (Incoming quarantine.)

Steam vessels inspected and passed .....	17
Crew on steam vessels .....	2, 223
Passengers on steam vessels .....	5, 022
Sailing vessels inspected and passed .....	23
Crew on sailing vessels .....	343
Passengers on sailing vessels .....	23
Sick in detention from last month .....	0
Detention from last month .....	0
Sick in detention for this month .....	0
Detention for this month .....	0
Pieces of baggage disinfected .....	0
Packages of freight disinfected .....	0
Vaccinations .....	0
Steam vessels disinfected .....	0
Sailing vessels disinfected .....	0

## PORT OF HILO, HAWAII.

Steam vessels inspected and passed .....	1
Crew on steam vessels .....	36
Passengers on steam vessels .....	10
Sailing vessels inspected and passed .....	5
Crew on sailing vessels .....	77
Passengers on sailing vessels .....	13

## PORT OF MAHUKONA, HAWAII.

Steam vessels inspected and passed .....	0
Crew on steam vessels .....	0
Passengers on steam vessels .....	0
Sailing vessels inspected and passed .....	1
Crew on sailing vessels .....	8
Passengers on sailing vessels .....	0

## PORT OF KAHULUI, MAUI.

Steam vessels inspected and passed .....	0
Crew on steam vessels .....	0
Passengers on steam vessels .....	0
Sailing vessels inspected and passed .....	1
Crew on sailing vessels .....	30
Passengers on sailing vessels .....	1

Kihei, Koloa, and Lahaina no transactions.

## HONDURAS.

*Report from Ceiba, fruit port.*

Acting Assistant Surgeon Robertson reports as follows: Week ended May 21, 1904. Present officially estimated population about 4,000; 2 deaths. Prevailing diseases, malarial; also dysentery in mild form. General sanitary condition of this port and the surrounding country during the week good.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
May 15	Georg Dumois.....	17	0	0	0
17	Hiram.....	15	0	0	0
20	Rosina.....	29	0	0	0

*Report from Puerto Cortez, fruit port.*

Acting Assistant Surgeon Carter reports as follows: Week ended May 24, 1904. Present officially estimated population, 2,125; no deaths; prevailing disease, malarial fever of mild type. General sanitary condition of this port and the surrounding country during the week good.

**Bills of health were issued to the following-named vessels:**

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
May 19	Olympia.....	41	10	24	0
20	Tatumbla <sup>a</sup> .....	16	0	0	0
20	Osceola <sup>b</sup> .....	30	0	0	0
21	Helen.....	21	1	0	0
23	Gyller.....	15	0	0	0

<sup>a</sup>Honduras gunboat.

<sup>b</sup> For Boston via Bluefields.

Number of aliens for the week, 2.

**INDIA.**

*Report from Bombay.*

Acting Asst. Surg. Edward H. Hume reports, May 6 and 7, as follows:

*Monthly summary of plague statistics in Bombay Presidency for March, 1904—Progress of plague since January, 1904, and since June 1, 1903:*

*Summary of plague in Bombay Presidency from June, 1903, to March, 1904.*

	Cases.	Deaths.
June 1 to December, 1903.....	261,294	193,199
January, 1904.....	38,097	28,701
February, 1904.....	39,407	29,515
March, 1904.....	47,569	35,662
Total.....	386,367	287,077

The great increase in the number of attacks and deaths during March was appalling, and brings the total for the ten months ending March, 1904, almost up to the total for twelve months (i. e. attacks, 393,996; deaths, 298,833) ending May 31, 1903. The totals for the first three weeks of April, 1904, are so great, that, as was expected when the totals for February were sent you in my letter of April 14, 1904, the grand total for the twelve months ending May 31, 1904, will be greater than that for any previous similar period. In fact, the total for ten and one-half months ended April 16, 1904, was greater than the total for any previous period of twelve months.

You will find below a weekly summary of plague in the Bombay Presidency, as compared with the figures for Bombay City, for the twelve weeks ended April 16, 1904, representing the height of this year's epidemic.

Week of—	Bombay Presidency.		Bombay City.	
	Attacks.	Deaths.	Attacks.	Deaths.
January 30.....	8,895	6,690	389	339
February 6.....	8,380	6,427	450	418
February 13.....	8,529	6,461	500	444
February 20.....	10,224	7,587	749	652
February 27.....	9,869	7,609	869	772
March 5.....	10,135	7,487	1,082	964
March 12.....	11,416	8,210	1,081	925
March 19.....	11,629	8,693	943	849
March 26.....	10,703	8,322	1,053	931
April 2.....	8,525	6,689	1,168	1,065
April 9.....	10,292	7,488	1,115	975
April 16.....	8,144	6,128	803	706

You will see that the height of the epidemic was apparently two weeks later in Bombay City than in the Presidency as a whole.

There is a feeling abroad that even if plague measures were largely relaxed now the decline in the mortality would continue.

### *Mortality in Bombay.*

BOMBAY, *May 7, 1904.*

M. J. Joomabhoj & Co. have not as yet applied for the sanitary certificate for the shipment of goat's hair which I reported as about to be sent, in my letter of April 29, 1904. There are therefore no transactions to report for the week.

Below are given the mortality figures for Bombay City for period from April 26 to May 5, 1904.

	April 26, 1904.	May 3, 1904.	May 5, 1903.
Plague attacks .....	633	540	.....
Plague deaths .....	532	471	704
Plague mortality rate .....	85.64	87.22	124.14
Smallpox deaths .....	23	17	83
Cholera deaths .....	1	0	0
Total deaths .....	1,066	994	1,340
Total mortality rate .....	71.43	66.60	89.79

No deaths from typhus.

### *Smallpox mortality.*

*Smallpox mortality in Bombay City, January 5 to May 3, 1904.*

Week of—	1904.	1903.	Average of corresponding weeks in five preceding years.	Week of—	1904.	1903.	Average of corresponding weeks in five preceding years.
January 5 .....	3	12	17	March 15 .....	27	69	63
January 12 .....	6	22	24	March 22 .....	14	85	55
January 19 .....	1	39	38	March 29 .....	23	100	53
January 26 .....	7	14	42	April 5 .....	24	89	46
February 2 .....	10	28	54	April 12 .....	12	67	41
February 9 .....	8	53	59	April 19 .....	22	73	33
February 16 .....	5	36	64	April 26 .....	23	94	34
February 23 .....	20	74	64	May 3 .....	17	83	30
March 1 .....	14	64	70				
March 8 .....	19	88	76	Total .....	255	1,090	863

It will be seen that the mortality from smallpox is far less than for the same period of last year or the corresponding period for the preceding five years.

In spite of the relaxation of plague measures to the extent that patients can not now be compelled to go to a plague hospital, the case is different with smallpox, every detected case being at once removed and sent in a special van to the hospital for infectious diseases. Natives are sent to the Arthur Road Hospital and Europeans to the St. George's Hospital. The room is disinfected with bichloride of mercury, and frequently with sulphur as well, and on the wall the disinfector's mark is painted in blue. In the case of plague, the disinfector's mark is put on with red paint, a semicircle denoting a case not dying and a completed circle denoting a death.

*Reports from Calcutta—Deaths from cholera and plague.*

Passed Assistant Surgeon Sprague reports, May 4 and 12, as follows:

CALCUTTA, *May 4, 1904.*

For the week ended April 30, 1904, there were 103 deaths in Calcutta from cholera, one more than last week. It may be of interest to note that of this number 88 were Hindus, whose religion leads them to bathe regularly in the Hooghly River and drink thereof. The European population does not suffer from this disease, except that occasionally one is infected through carelessness or indiscretion.

The deaths from plague decreased to 270, and from the daily report the decline is still in progress.

In the Presidency of Bengal for the week ended April 23 there were 2,040 cases of plague and 1,879 deaths.

In India for the weeks ended April 9 and 16 there were 61,666 cases with 47,759 deaths, and 59,137 cases with 46,812 deaths, respectively, from plague.

During the week ended May 7, 1904, there were 171 deaths from plague, against 270 for the preceding week. Cholera remains practically the same, about 100 deaths per week, much above the average, but still confined to the native population.

In the presidency of Bengal there were 1,332 deaths from plague during the week ended April 30, 1904. In India for the week ended April 23, 1904, there were 38,748 deaths. Punjab was the worst afflicted, with 24,714 fatal cases.

*Inspection of vessels.*

During the week ended May 7, 1904, a bill of health was issued to the steamship *Manica*, bound for Boston; with 2 passengers and a crew of 49, of which 29 were Lascars, whose effects were disinfected. There were three rejections. Bill of health was also issued to steamship *Angola*, bound for New York, with a total crew of 32, of which 2 were Chinamen; their effects disinfected. Both of these ships were fumigated for vermin, and rat guards were kept on the wharf lines while they lay at dock.

## ITALY.

*Reports from Naples—Inspection of vessels.*

Passed Assistant Surgeon Eager reports, May 16 and 23, as follows: During the week ended May 14, 1904, the following ships were 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.	Number of steerage passengers recommended for rejection.
May 10	Prinz Oskar.....	New York.....	933	200	1,260	12
11	Canopic.....	Boston.....	1,110	210	1,470	19
11	Sicilia.....	New York.....	849	90	1,095	19
12	Sicilian Prince.....	do.....	513	95	922	21
13	Koenigin Luise.....	do.....	632	70	930	13

## PALERMO.

May 13	Sicilian Prince.....	New York.....	496	100	560	15
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Week ended May 21, 1904.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.	Number of steerage passengers recommended for rejection.
May 18	Citta di Torino.....	New York.....	1,048	125	1,157	37
18	Calabria.....	do.....	966	140	1,038	22

JAPAN.

*Report from Yokohama—Inspection of vessels—No cholera or plague except in Formosa.*

Assistant Surgeon Moore reports, May 6, as follows:

During the week ended April 30, 1904, two vessels, having an aggregate personnel of 186 crew and 625 passengers, were inspected; 310 steerage passengers were bathed and 467 pieces of baggage were disinfected.

The report of contagious diseases in Yokohama for the week ended April 23, 1904, is as follows: Enteric fever, 4 cases, no deaths; diphtheria, 6 cases, 2 deaths; dysentery, 1 case, no deaths. Japan, excluding Formosa, seems to continue free from cholera and plague.

MEXICO.

*Reports from Progreso and Merida—Inspection of vessels—Yellow fever in Merida.*

Acting Assistant Surgeon Harrison reports as follows: Week ended May 16, 1904. Present officially estimated population, 8,000. No yellow fever in Progreso. Number of deaths during the week not reported. General sanitary condition of port and tributary country during the week has been good. In Merida there are now several cases of yellow fever declared and suspected.

Bills of health were issued to following-named vessels:

Date.	Vessel.	Destination.	Crew.	Passengers from Progreso.	Passengers in transit.
May 9	Daggry.....	New York.....	17	0	0
9	Vedar.....	do.....	20	0	0
9	Fred W. Ayer.....	Mobile.....	7	0	0
10	Alm.....	do.....	24	1	0
14	Monterey.....	New York.....	96	42	159
15	Egda.....	Boston.....	24	0	0

Week ended May 24, 1904: Population officially estimated, at present, 8,000. Deaths from following causes: One pernicious fever, 1 erysipelas, 1 gastro-enteritis, 1 gastro-intestinal fever, 1 malaria, 1 cerebral disease. General sanitary condition of the port and tributary country during the week, good. Several cases of yellow fever and "suspected" in Merida during the week.

## Bills of health were issued to the following-named vessels:

Date.	Vessel.	Destination.	Crew.	Passen- gers from Progreso.	Passen- gers in transit.
May 20	Hellas .....	New Orleans .....	31	0	0
20	Framfield .....	New York .....	23	.....	.....
21	Esperanza .....	New York via Habana .....	90	89	81

*Report from Tampico—One vessel fumigated.*

Assistant Surgeon McClintic reports, May 24, as follows:

During the week ended May 21, 1904, the only vessel fumigated was the Norwegian steamship *Nor*, crew of 17, for New Orleans, May 20.

*Case reported as yellow fever at Tampico in Public Health Report pronounced by Mexican authorities to be malarial fever.*

Doctor Liceaga, president of the superior board of health of Mexico, has forwarded a report received by him from Dr. Antonio Matienzo, delegate from the council at Tampico, in which he states that the case reported as yellow fever in Public Health Report of May 20, was one of malarial fever intermittent. He reports that a close study of the case was made and that the temperature and pulse curve were almost subfebrile and the attacks frankly intermittent, with enormous hypertrophy of the spleen.

*Reports from Veracruz—Malarial fever on steamship Hanseat—Two cases of yellow fever.*

Passed Assistant Surgeon Lumsden reports, May 23, as follows:

Transactions for the week ended May 21, 1904:

Six vessels were inspected and given bills of health. One vessel, viz, the British steamship *Joseph Merryweather*, bound for Pensacola, was fumigated and given a certificate.

The Norwegian steamship *Hanseat* sailed May 18 for some port in the United States, via Cuban ports, having on board two members of the crew convalescing from malarial fever. The men became ill on the day of the vessel's arrival at Veracruz, and remained aboard ship during their illness. On my recommendation the fore-castle of the vessel was fumigated to kill mosquitoes immediately before the vessel departed.

During the week there were recorded in the city of Veracruz 38 deaths (60.8 per 1,000 annual death rate) from all causes, including 2 from pernicious fever and 5 from tuberculosis. Two new cases of yellow fever were reported, 1 on May 16, and 1 a soldier at the military barracks on May 17.



Both cases were in persons who had been living continuously for two months or more in the city of Veracruz. These cases are the first reported since April 9 whose history would show positively that the infection was contracted in this city. This fact is of some interest in that it goes to show that, in a locality where yellow fever has prevailed, the elapsing of a period of over thirty days without human cases being discovered can not be accepted as satisfactory evidence of the nonexistence of mosquitoes bearing and capable of conveying the infection of yellow fever.

Abstract of bills of health issued during the week and a clipping from Mexican Herald are inclosed herewith.

[From Mexican Herald of May 22, 1904.]

CAMPAIGN AGAINST YELLOW FEVER EFFECTIVE; TWO CASES IN VERACRUZ, FOUR IN TEHUANTEPEC.

According to the reports received by the superior board of health up to the evening of Friday, May 20, the actual number of cases of yellow fever in Mexico amounts to 6, 4 of these being at Tehuantepec, and the other 2 at Veracruz. One of the cases at Tehuantepec has so far recovered as to be practically on the cured list, so that the number of cases can be stated at 5. The agents of the superior board of health are unrelaxing in their efforts to stamp out the disease where it exists, and from the success they are attaining no fear is expressed at the office of the health authorities in this city that the disease will become epidemic.

From Tehuantepec, Dr. Carlos M. Garcia writes that one new case has occurred. This case is among the rurales, and when discovered the man was immediately placed in the hospital, and the house in which the soldier lived was thoroughly fumigated and disinfected, as was also the entire barracks. All the water in the barracks was thoroughly examined for larvæ of mosquito, after which the water receptacles were cleaned. This case is considered very grave. Of the four cases now at Tehuantepec one is almost well, and the others are being scientifically treated. The new pesthouse, which has been under construction, was opened for service yesterday. All the doors and windows of the house are screened and facilities are provided for isolating the fever patients. The pesthouse is constructed on modern and sanitary principles, and it will be used for the treating of yellow-fever patients. The total number of persons who were registered on May 20, at Tehuantepec, amounted to 481. Of these twenty-three were nonimmunes, and they were carefully examined. One house was disinfected and six water receptacles were examined for the larvæ of the mosquito.

At Veracruz, on May 20, 2 cases of yellow fever were reported, with no new cases, On this day 2,906 houses were visited, with the result that 1,957 nonimmunes were found. Eighty-eight receptacles containing water were subjected to the oil treatment, 4 houses were disinfected, 19 nonimmunes arrived in the city, and 8 nonimmunes departed from the city. The disinfection of railway passenger coaches included 7 in the Mexican railways, 2 in the Veracruz and Pacific, and 2 in the Alvarado railway.

Doctor Juarez, writing from Valles, says that in Rascon there is not a case of yellow fever, and that he intended leaving for Santa Rosa yesterday, May 21, to examine conditions there. The only work done at Valles on May 20 was the disinfecting of 40 houses and the pouring of oil on the top of water in 12 receptacles.

The following is the report from Tampico: Nonimmunes visited, 2,999; houses disinfected, 21; water receptacles examined, 22; receptacles oiled, 3. At Victoria 4 houses were disinfected, 233 nonimmunes were visited, 14 receptacles of water were examined for larvæ, and 41 receptacles of water were treated with oil. At Laredo, the nonimmunes visited numbered 446; 59 water receptacles in houses were examined, and 4 water vessels in houses were treated with oil. On the streets there were also 14 water receptacles subjected to the oil treatment. The number of nonimmunes leaving the city on May 20 numbered 24, and the number entering was 17, while 1 house was disinfected.

A telegram received at the office of the superior board of health from the governor of San Luis Potosi says that no cases of yellow fever had occurred at Valles, and that the general health of the place is good.

*Two suspicious cases at La Barra.*

Assistant Surgeon Goldberger transmits the following:

MONTEREY, *May 26, 1904.*

PHILIP C. HANNA,

*Consul-General of the United States.*

DEAR SIR AND FRIEND: Dr. Eduardo Liceaga, president of the superior board of health of Mexico, in a telegram which I have just received informs me as follows:

I deem it important to advise you that I received yesterday from Doctor Matienzo, sanitary delegate in Tampico, a message stating that there had been reported to him 2 cases suspicious of yellow fever at La Barra, but said delegate is satisfied that it is not yellow fever. I have communicated this to Doctor Tabor, and beg you to kindly advise the American consul in your city, as also the representatives of the Marine-Hospital Service and of Doctor Tabor, in order that they may know the facts.

Complying thus with Doctor Liceaga's request by translating his telegram, I am, yours, very truly,

B. REYES.

*Suspect case of yellow fever near Carrizo Springs, Tex.—Report corrected.*

WASHINGTON, *June 4, 1904.*

DR. EDUARDO LICEAGA,

*President Superior Board of Health of Mexico,  
Mexico City, Mexico.*

DEAR DOCTOR: I have to acknowledge receipt of your letter of May 27, regarding the case suspected of being yellow fever near Carrizo Springs, and which came from Victoria, Mexico. I am causing your letter to be published in the PUBLIC HEALTH REPORTS.

With great regard, very sincerely, yours,

WALTER WYMAN,  
*Surgeon-General.*

LETTER.

MEXICO, *May 27, 1904.*

DR. WALTER WYMAN,

*Surgeon-General of the United States Public Health  
and Marine-Hospital Service, Washington, D. C.*

DEAR DOCTOR: In the PUBLIC HEALTH REPORTS of May 13, No. 20, page 901, it is reported that a Mexican who recently returned from Victoria, Mexico, and whose illness was diagnosed by a local physician as *malarial hematuria*, was ill with and is convalescent from yellow fever.

Immediately I made inquiry by telegram of the special delegate of the council, who replied that he made very minute investigations, from which it appears that there was no case of vomit, either confirmed or suspected, in that locality.

It affords me satisfaction to communicate the above to you, so that the report to which I allude may be rectified, in view of there being no data to assure that this was a case of yellow fever.

Very truly, your friend and colleague,

E. LICEAGA.

## NICARAGUA.

*Report from Bluefields, fruit port.*

Acting Assistant Surgeon Reilley reports as follows: Week ended May 21, 1904. Present officially estimated population, 4,000; 2 deaths; prevailing diseases, malarial fever and tuberculosis. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
May 15	Utstein .....	15	1	0	0
19	John Wilson .....	19	0	0	0

## PANAMA.

*Reports from Colon—Inspection of vessels.*

Surgeon Perry reports, May 23, as follows:

The following vessels cleared from Colon to United States ports during the week ended May 21, 1904: British steamship *William Cliff*, for New Orleans, May 17, with 46 crew and 24 passengers; American steamship *Yucatan*, for New York, May 18, with 67 crew and 74 passengers; Norwegian steamship *Preston*, for New Orleans, May 19, with 30 crew and 1 passenger. The passenger on this steamer was making the round trip and was not on shore at Colon.

*Mortuary report for April, 1904.*

The total number of deaths from all causes occurring in Colon, Republic of Panama, during the month of April, 1904, was 24, giving an annual death rate of 48 per 1,000 in an estimated population of 6,000.

They are classified according to disease as follows:

Fever .....	9
Tuberculosis .....	1
Pneumonia .....	1
Dysentery .....	1
Whooping cough .....	1
Headache .....	1
Dropsy .....	1
Stillbirth .....	1
Cause not given .....	8
Total .....	24

According to nationalities:

Foreign white .....	2
Negroes .....	11
Native Colombians, etc .....	10
Chinese .....	1
Total .....	24

The morbidity in the town remains about normal, and there has not yet been any increase in the number of cases of malarial fever. No yellow fever has yet occurred, so far as I have been able to ascertain. Several cases reported as suspicious have been investigated, but proved to be malarial fever. No cases of quarantinable disease have occurred to date.

*Report from Bocas del Toro, fruit port.*

Acting Assistant Surgeon Osterhout reports as follows: Week ended May 19, 1904. Present officially estimated population, not obtainable; 1 death. Prevailing diseases, malarial fever and whooping cough. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected
May 13	Colombia.....	Mobile, Ala.....	16	0	0	0
15	Taunton.....	New Orleans, La..	24	0	0	0
18	Hispania.....	Mobile, Ala.....	22	0	0	0
19	Fort Morgan.....	do.....	25	2	0	2

*Report from Panama—Inspection of vessel.*

Assistant Surgeon Pierce reports, May 24, as follows:

Week ended May 22, 1904: The steamship *City of Para* cleared for San Francisco on May 17, 1904, having on board officers and crew, 75; cabin passengers, 13, and steerage passengers, 12; total, 100; all well.

I have been unable to get the number of deaths for last week in time for this mail. Will send both lists next week.

PERU.

*Report from Callao—Plague in Lima and Antofagasta—Smallpox in Santiago, Chile.*

Assistant Surgeon Lloyd reports, May 9, as follows:

During the week ended May 7 there occurred in Lima 15 new cases of plague with 4 deaths. With regard to the new cases the following data may be mentioned:

Race: Indians, 9; Chinese, 3; whites, 2; black, 1. Sex: Males, 9; females, 6. Ages: 57 years (1), 52 years (1), 50 years (1), 40 years (1), 30 years (1), 29 years (1), 14 years (1), 12 years (2), 4 years (1), 2 years (2).

In the case of 1 adult and 2 children I did not learn the ages.

This information is not official, but is probably not exaggerated. I hope to have official data for my next report. Sixty-two cases of plague are now under treatment in the lazaretto outside of Lima. Twelve have been discharged as cured during the week.

There are reported to be 40 cases of plague in the lazaretto in Antofagasta. Fourteen new cases were reported at that port on May 2—6 of them among the soldiers. Vessels do not stop there at present.

Plague was reported to you in Iquique some three weeks ago by Acting Assistant Surgeon Gruver. I have no further information on the subject.

An epidemic of smallpox is reported in Santiago, Chile.

*Bacteriological examination of rats from steamship Limari.*

CALLAO, May 9, 1904.

Owing at first to a lack of facilities I have not yet obtained confirmation of the provisional diagnosis of plague in the case of the rats on board the steamship *Limari*. Two animals died very promptly, one in five, a second in three days, from subcutaneous and dermic inoculation, respectively, showing typical gross lesions and typical organisms. I now have cultures which are apparently pure, but I have not observed them sufficiently to state positively that this is the case at present. I have little doubt as to the final result.

PHILIPPINE ISLANDS.

*Reports from Manila—Quarantinable diseases—Cholera disappearing from the islands—Disinfection of vessel.*

Chief Quarantine Officer Heiser reports, May 5, as follows:

During the week ended April 23, 1904, the quarantinable diseases reported in Manila were as follows:

	Cases.	Deaths.
Cholera.....	0	0
Smallpox.....	9	3
Plague.....	5	5

CHOLERA.

The continued absence of cholera is a source of great satisfaction to the health authorities of the islands. Only one suspected case was reported during the week, and this occurred at the military prison situated on Malahi Island in Laguna Lake. The history of the case suggested cholera, but, so far as I am aware, there was no bacteriological examination made. From the standpoint of affecting the general sanitary situation, the case is unimportant, because even if it should prove to be a true case of cholera the prison authorities would no doubt prevent any spread of the disease. The board of health feels so sanguine about the disappearance of the disease that they have removed all restrictions upon the sale of food stuffs, which were made with a view of preventing its spread.

SMALLPOX.

This disease is on the increase throughout the islands, and unless general vaccination is carried out it threatens to become a serious factor in the sanitary situation.

PLAGUE.

The plague continues to show an improvement over that of last year. This year there were 5 cases and 5 deaths during the week, while during the same period last year there were 15 cases and 12 deaths. No further cases of plague have been reported as occurring in the provinces.

April 21, 1904, the steamer *Lyra* cleared for Tacoma with a full cargo of hemp. There were no passengers. The crew were inspected on board just prior to sailing.

*Islands declared free from cholera—Smallpox—Disinfection.*

Chief Quarantine Officer Heiser reports, May 6, as follows:

During the week ended April 30, 1904, the quarantinable diseases reported in Manila were as follows:

	Cases.	Deaths.
Cholera .....	0	0
Smallpox .....	3	1
Plague .....	3	3

CHOLERA.

The cholera situation has improved so much that the board of health has felt warranted in passing the following resolution:

Whereas cases of Asiatic cholera have occurred in but three provincial towns of the Philippine Islands since February 8, 1904; and

Whereas only one case of Asiatic cholera has been reported as occurring at any place in the Philippine Islands since March 8, 1904; and

Whereas the city of Manila was declared, on March 23, to be free from the infection of Asiatic cholera: On motion,

*Resolved,* That the islands comprising the Philippine Archipelago be and hereby are declared to be free from the infection of Asiatic cholera; and be it further

*Resolved,* That the commissioner of public health be directed to send a copy of these resolutions to the honorable the Secretary of the Interior, the municipal board, the collector of customs, and the United States Marine-Hospital Service.

SMALLPOX.

The gradual spread of the smallpox is shown by the fact that two vessels arrived during the week upon which were found persons in the vesicular stage of the disease. The vessels were promptly remanded to the Mariveles Quarantine Station. The sick were placed in the station hospital, the passengers and crew bathed, their effects and the vessels disinfected, and all persons who could not present satisfactory evidence of recent and successful vaccination were placed in quarantine. One of the vessels, the steamer *Avante*, after thorough disinfection was released with such members of the crew as could show the Service vaccination cards and exhibit evidence of a recent successful vaccination. The value of vaccinating the entire number of persons engaged in the interisland shipping and properly recording such work was well illustrated by this vessel. In addition to the appearance of the vaccination mark, there was reliable documentary evidence made by the Service which showed when the vaccination was done and the result thereof. By this method, the vessel and crew

could be released at once and a great saving effected for her owners, and, at the same time, the public health not jeopardized.

On April 30, 1904, the steamer *Indrawadi* cleared for New York. All cargo taken on here was inspected and passed and so certified on the ship's papers. Entire personnel inspected on board prior to sailing.

*Quarantine transactions in the Philippine Islands during the month of February, 1904.*

PORT OF MANILA.

Bills of health issued:	
To steamers for United States ports.....	5
Foreign ports .....	41
Domestic ports .....	176
To sailing vessels for United States ports.....	1
Foreign ports .....	0
Domestic ports .....	110
Total .....	333
Vessels inspected:	
Steamers from United States ports.....	4
Foreign ports .....	45
Domestic ports .....	178
Sailing vessels from United States ports.....	0
Foreign ports .....	0
Domestic ports .....	92
Total .....	319
Passengers on arriving boats inspected:	
On steamers, cabin .....	1,211
On steamers, steerage.....	5,278
On sailing vessels, cabin .....	1
On sailing vessels, steerage.....	497
Total .....	6,987
Persons vaccinated:	
On steamers, crew.....	975
On steamers, passengers .....	0
On sailing vessels, crew .....	458
On sailing vessels, passengers.....	0
Total .....	1,433
Crew on arriving steamers inspected.....	9,496
Crew on arriving sailing vessels inspected.....	844
Persons quarantined for observation, suspects and contacts.....	91
Persons bathed and effects disinfected .....	234
Steamers disinfected.....	3
Sailing vessels disinfected.....	0
Steamers fumigated to exterminate vermin.....	16
Sailing vessels fumigated to exterminate vermin.....	3
Cases of quarantinable diseases detected on steamers, smallpox .....	1
Vessels detained in quarantine.....	1
Pieces of baggage disinfected on steamers.....	252
Pieces of baggage disinfected on sailing vessels.....	0
Pieces of baggage inspected and passed on steamers.....	53
Pieces of baggage inspected and passed on sailing vessels.....	0
(Outgoing.)	
Vessels remaining in quarantine from January .....	0
Steamers sailing without quarantine inspected and passed.....	5

Sailing vessels sailing without quarantine inspected and passed.....	1
Steamers disinfected.....	0
Sailing vessels disinfected.....	1
Crew of steamers inspected.....	321
Crew of sailing vessels inspected.....	9
Passengers of steamers inspected.....	1, 844
Passengers of sailing vessels inspected.....	0
Persons bathed and effects disinfected.....	1, 943
Pieces of baggage disinfected.....	3, 746
Pieces of baggage inspected and passed.....	2, 952

## PORT OF CEBU.

Bills of health issued:	
To steamers for United States ports.....	1
Foreign ports.....	4
Domestic ports.....	110
To sailing vessels for United States ports.....	0
Foreign ports.....	0
Domestic ports.....	19
Total.....	<u>134</u>

Vessels inspected:	
Steamers from United States ports.....	0
Foreign ports.....	8
Domestic ports.....	119
Sailing vessels from United States ports.....	0
Foreign ports.....	0
Domestic ports.....	413
Total.....	<u>540</u>

Passengers on arriving boats inspected:	
On steamers, cabin.....	211
On steamers, steerage.....	1, 169
On sailing vessels, cabin.....	0
On sailing vessels, steerage.....	1, 127
Total.....	<u>2, 507</u>
Crew on arriving steamers inspected.....	3, 930
Crew on arriving sailing vessels inspected.....	2, 306
Persons bathed and effects disinfected.....	0
Persons vaccinated.....	781
Vessels fumigated to exterminate vermin.....	0
Vessels detained in quarantine.....	0

## PORT OF ILOILO.

Bills of health issued:	
To steamers for United States ports.....	0
Foreign ports.....	6
Domestic ports.....	81
To sailing vessels for United States ports.....	0
Foreign ports.....	0
Domestic ports.....	281
Total.....	<u>368</u>

Vessels inspected:	
Steamers from United States ports.....	0
Foreign ports.....	6
Domestic ports.....	82
Sailing vessels from United States ports.....	0
Foreign ports.....	0
Domestic ports.....	119
Total.....	<u>207</u>



Passengers on arriving boats inspected:	
On steamers, cabin .....	314
On steamers, steerage .....	973
On sailing vessels, cabin .....	1
On sailing vessels, steerage .....	553
<b>Total</b> .....	<b>1,841</b>
Crew on arriving steamers inspected .....	2,966
Crew on arriving sailing vessels inspected .....	1,085
Persons vaccinated .....	495
Persons bathed and effects disinfected .....	0
Persons detained in quarantine .....	38
Cases of quarantinable diseases detected on arriving vessels .....	0
Vessels fumigated to exterminate vermin .....	3
Vessels detained in quarantine .....	1
Vessels remaining in quarantine February 29 .....	0

## PORT OF JOLO.

Bills of health issued:	
To steamers for United States ports .....	0
Foreign ports .....	0
Domestic ports .....	15
To sailing vessels for United States ports .....	0
Foreign ports .....	0
Domestic ports .....	0
<b>Total</b> .....	<b>15</b>

Vessels inspected:	
Steamers from United States ports .....	0
Foreign ports .....	3
Domestic ports .....	24
Sailing vessels from United States ports .....	0
Foreign ports .....	0
Domestic ports .....	2
<b>Total</b> .....	<b>29</b>

Passengers on arriving boats inspected:	
On steamers, cabin .....	148
On steamers, steerage .....	283
On sailing vessels, cabin .....	0
On sailing vessels, steerage .....	0
<b>Total</b> .....	<b>431</b>
Persons vaccinated .....	106
Crew on arriving steamers inspected .....	1,198
Crew on arriving sailing vessels inspected .....	16
Vessels in quarantine .....	0

*Foreign and insular statistical reports of countries and cities—Yearly and monthly.*

AFRICA—*Sierra Leone*.—Two weeks ended April 30, 1904. Estimated population, 40,000. Total number of deaths, 32. No deaths from contagious diseases reported.

FORMOSA.—Two weeks ended April 23, 1904. Population, 2,797,543. Number of deaths not reported; 532 deaths from plague reported. There have been 1,159 deaths from plague since commencement of outbreak.

FRANCE—*St. Etienne*.—Two weeks ended April 30, 1904. Population, 146,671. Total number of deaths, 85, including 15 from tuberculosis.

GIBRALTAR.—Weeks ended May 1 and 15. Estimated population, 27,460. Total number of deaths, 20. No deaths from contagious diseases reported.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended May 7, 1904, correspond to an annual rate of 14.9 per 1,000 of the aggregate population, which is estimated at 15,271,287.

*Bradford*.—Two weeks ended May 7, 1904. Estimated population, 285,089. Total number of deaths, 195, including diphtheria 6, measles 8, whooping cough 1, and 13 from phthisis pulmonalis.

*London*.—One thousand three hundred and twenty-five deaths were registered during the week, including measles 62, scarlet fever 3, diphtheria 19, whooping cough 48, enteric fever 4, smallpox 1, and diarrhea 23. The deaths from all causes correspond to an annual rate of 14.09 per 1,000. In Greater London 1,760 deaths were registered. In the "outer ring" the deaths included 3 from diphtheria, 5 from measles, 1 from scarlet fever, and 2 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended May 7, 1904, in the 21 principal town districts of Ireland was 21.8 per 1,000 of the population, which is estimated at 1,093,289. The lowest rate was recorded in Lisburn, viz, 9.1, and the highest in Wexford, viz, 32.7 per 1,000. In Dublin and suburbs 178 deaths were registered, including measles 4, whooping cough 11, enteric fever 2, and 34 from tuberculosis.

*Scotland*.—The deaths registered in 8 principal towns during the week ended May 7, 1904, correspond to an annual rate of 18 per 1,000 of the population, which is estimated at 1,726,236. The lowest rate of mortality was recorded in Perth, viz, 9.2, and the highest in Dundee, viz, 20.4 per 1,000. The aggregate number of deaths registered from all causes was 594, including diphtheria 3, measles 16, scarlet fever 4, smallpox 3, and 25 from whooping cough.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended May 14, 1904, correspond to an annual rate of 16.1 per 1,000 of the aggregate population, which is estimated at 15,271,287.

*London*.—One thousand four hundred and fifty-four deaths were registered during the week, including measles 86, scarlet fever 7, diphtheria 20, whooping cough 44, enteric fever 1, and diarrhea 16. The deaths from all causes correspond to an annual rate of 16.3 per 1,000. In Greater London 1,930 deaths were registered. In the "outer ring" the deaths included 3 from diphtheria, 8 from measles, 1 from scarlet fever, and 6 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended May 14, 1904, in the 21 principal town districts of Ireland was 21.7 per 1,000 of the population, which is estimated at 1,093,289. The lowest rate was recorded in Ballymena, viz, 4.8, and the highest in Lurgan, viz, 48.7 per 1,000. In Dublin and suburbs 173 deaths were registered, including diphtheria 1, enteric fever 1, measles 2, whooping cough 10, and 32 from tuberculosis.

*Scotland.*—The deaths registered in 8 principal towns during the week ended May 14, 1904, correspond to an annual rate of 17.9 per 1,000 of the population, which is estimated at 1,726,236. The lowest rate of mortality was recorded in Leith, viz, 13, and the highest in Dundee, viz, 20.1 per 1,000. The aggregate number of deaths registered from all causes was 592, including diphtheria 4, measles 17, scarlet fever 4, smallpox 3, and 28 from whooping cough.

*JAPAN—Nagasaki.*—Ten days ended April 30, 1904. Population, 154,727. Number of deaths not reported; 1 death from diphtheria and 23 from smallpox reported.

*ST. HELENA.*—Four weeks ended April 30, 1904. Estimated population, 5,000. Total number of deaths, 3; no deaths from contagious diseases.

*SPAIN—Barcelona.*—Ten days ended May 10, 1904. Estimated population, 600,000. Total number of deaths, 273, including diphtheria, 1; enteric fever, 4; measles, 5; smallpox, 6; whooping cough, 4, and 27 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, December 26, 1903, to June 10, 1904.*

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

[For reports received from June 27, 1903, to December 25, 1903, see PUBLIC HEALTH REPORTS for December 25, 1903.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Afghanistan:				
Herat.....	Dec. 12.....			Present.
China:				
Shanghai.....	Dec. 18.....	1		On Br. ss. Olivebank
India:				
Bombay.....	Dec. 9-Mar. 26.....		3	
Calcutta.....	Nov. 15-May 7.....		549	
Karachi.....	Feb. 22-Mar. 27.....	3	2	
Madras.....	Nov. 14-Apr. 29.....		58	
Japan:				
Nagasaki.....	Nov. 21-30.....		1	
Philippine Islands:				
Manila.....	Oct. 31-Mar. 5.....	51	47	
Provinces.....	Oct. 31-Mar. 12.....	1,677	1,354	
Straits Settlements:				
Singapore.....	Nov. 8-Dec. 19.....		12	
Turkey:				
Bagdad—				
Bagdad.....	Mar. 8-Apr. 6.....	36	28	
Hitt.....	Dec. 13-15.....	8	4	
Kerbela.....	Dec. 12-Jan. 12.....		463	
Mossul.....	Dec. 21-Jan. 4.....	1	1	
Musseleb.....	Dec. 17-Jan. 4.....	4	35	
Bassorah—				
Basra.....	Feb. 6-Apr. 10.....	150	131	

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

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Turkey—Continued.				
Beirut—				
Latakiah .....	Dec. 21-Jan. 4	4	11	7
Diarbekir—				
Diarbekir.....	Dec. 12-Jan. 9	9	64	44
Syria .....	Nov. 29-Dec. 5	5	.....	Present.

## YELLOW FEVER.

Africa:				
Ivory Coast, Grand Bassam	Dec. 12.....	.....	.....	Present.
Brazil:				
Rio de Janeiro.....	Nov. 23-May 1	76	26	
Colombia:				
Barranquilla .....	Mar. 23-Apr. 17	.....	2	
Cartagena .....	Nov. 23-Mar. 20	.....	2	
Costa Rica:				
Alajuela.....	Apr. 19-24.....	11	6	
Limon.....	May 23.....	1	.....	
Cuba:				
Vicinity of Niquero .....	Feb. 6-13.....	.....	6	From the Nor. bk. Eugen from Cardiff and La Guaira, wrecked on south coast of Cuba.
Sagua .....	Apr. 9.....	1	.....	From Br. ss. Wildercroft from Vera Cruz.
Ecuador:				
Guayaquil.....	Dec. 6-May 4	.....	52	
Jamaica:				
Kingston.....	Dec. 27-Jan. 9	2	2	
Mexico:				
Ciudad Victoria.....	Dec. 6-19.....	4	2	
Coatzacoalcos .....	May 11-17.....	3	1	
Merida .....	Dec. 6-May 21	30	14	
Progreso.....	Apr. 28-May 5	2	.....	
Salina Cruz.....	Apr. 3-9.....	1	1	
Talleres .....	May 11.....	1	.....	
Tampico .....	May 14.....	1	.....	
Tehuantepec.....	Dec. 6-May 21	14	6	
Vera Cruz.....	Dec. 13-May 28	23	7	One case imported from Boca de Rio.
Panama:				
Panama .....	Jan. 4-Jan. 16	4	1	
Venezuela:				
La Guaira.....	Jan. 2-9.....	.....	1	
Maracaibo.....	Oct. 25-Feb. 14	3	3	

## PLAGUE.

Arabia:				
Aden .....	May 31.....	.....	.....	Present.
Australia:				
Brisbane .....	Feb. 12-Apr. 10	7	.....	
Cairns .....	Feb. 16-Mar. 22	.....	2	
Sydney.....	Mar. 10-Apr. 14	2	.....	
Brazil:				
Nitheroy .....	Apr. 15.....	1	1	
Para .....	Nov. 1-Feb. 22	29	15	
Pernambuco .....	Nov. 16-Jan. 15	.....	18	
Pindamonhangaba.....	Jan. 15.....	.....	.....	Several cases.
Porte Alegre.....	Jan. 1-Feb. 23	50	.....	
Rio de Janeiro.....	Nov. 16-May 1	232	135	
British South Africa:				
Cape Colony (East London, King Williams Town, Port Elizabeth, Uitenhage).	Nov. 15-Apr. 23	.....	19	One new case.
Natal (Pietermaritzburg) ..	Nov. 29-Dec. 5	3	2	
Transvaal (Johannesburg, Pretoria).....	Mar. 20-May 5	.....	69	
Chile:				
Antofagasta .....	To May 2.....	73	20	
Iquique .....	Apr. 9.....	.....	.....	Present.
Santiago.....	Apr. 10.....	.....	.....	
Valparaiso.....	June 8.....	.....	.....	Present.

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.	
<b>China:</b>					
Amoy.....	June 4.....			Present.	
Canton.....	May 26.....				
Fubleau.....	Apr. 15.....		50		
Hongkong.....	Nov. 8-Dec. 12.....	6	6		
Sunui.....	Apr. 15.....		20		
Tientsin.....	Nov. 29-Dec. 5.....		1		
<b>Egypt:</b>					
Abu Homos.....	Apr. 9-16.....	1		One from Br. ss. Knight, of the Thistle, from Bombay, and 1 from Br. transport Plaissey, from Bombay.	
Alexandria.....	Nov. 21-Apr. 28.....	9	4		
Assiout.....	Mar. 19-26.....	1			
Ballana district.....	Mar. 13-Apr. 23.....	73	73		
Beni mazar.....	Mar. 19-Apr. 28.....	4	3		
Bibeh district.....	Mar. 26-Apr. 28.....	6	2		
Chibin-el-Kom.....	Apr. 10-28.....	11	3		
Dechneh.....	Mar. 19-Apr. 23.....	12	8		
Girgeh district.....	Mar. 13-Apr. 28.....	32	31		
Kuesna.....	Mar. 19-Apr. 2.....	3	1		
Nag-Hamadi district.....	Mar. 13-Apr. 23.....	44	38		
Samallut district.....	Mar. 13-Apr. 28.....	105	70		
Sohag.....	Mar. 13-26.....	1			
Tahtah district.....	Mar. 13-Apr. 28.....	32	27		
Suez.....	Feb. 21-Apr. 2.....	3	1		
Zagazig.....	Apr. 22-28.....	1			
Minih district.....	Nov. 21-Feb. 3.....	3	1		
Port Said.....	Mar. 18-Apr. 23.....	3	1		
<b>Formosa:</b>					
	To Dec. 15, 1903.....	869	702		
Ensuiko.....	Jan. 1-Mar. 6.....	225	145		
Hozan.....	Mar. 1-Apr. 23.....	554	293		
Kagi.....	Apr. 17-23.....		1		
Kelung.....	Mar. 1-Apr. 23.....	685	408		
Taihoku.....	Mar. 1-Apr. 9.....	2	1		
Tainan.....	do.....	516	343		
Toroku.....	Mar. 31-Apr. 23.....	5	3		
<b>Hawaii:</b>					
Hilo.....	Mar. 4.....		1		
Honolulu.....	Jan. 10-May 11.....	2	2		
<b>India:</b>					
Bombay Presidency and Sind.....	Nov. 15-Apr. 23.....	230,079	155,461	Imported.	
Madras Presidency.....	do.....	16,155	12,549		
Bengal.....	do.....	63,258	56,792		
United Provinces.....	do.....	122,642	114,613		
Punjab.....	do.....	223,278	166,165		
Central Provinces (including Berar).....	do.....	52,313	43,786		
Burma.....	Feb. 14-Apr. 23.....	1	1		
Coorg.....	Nov. 15-Apr. 23.....	18	6		
Mysore State.....	do.....	14,532	11,084		
Hyderabad State.....	do.....	22,126	18,270		
Central India.....	do.....	28,114	25,099		
Rajputana.....	do.....	11,675	9,940		
Kashmir.....	do.....	8,635	6,569		
N. W. F. Provinces.....	Nov. 21-Apr. 23.....	48	46		
Baluchistan.....	Nov. 29-Apr. 23.....	27	16		
Grand total.....		792,901	620,397		
<b>Japan:</b>					
Yokohama.....	Nov. 22-Dec. 5.....	2	2	Mauritius	
Mauritius.....	Nov. 13-Mar. 10.....	529	312		
<b>New Zealand:</b>					
Auckland.....	Apr. 29.....	2	1	Peru:	
Baranco.....	Apr. 14.....		5		
Callao.....	Feb. 24-Apr. 24.....	6	3		
Chosica.....	Apr. 14.....		2		
Lima.....	Mar. 25-May 7.....	140	46		
Matacuna.....	Apr. 14.....	2			
Payta.....	May 30.....			Present.	
San Pedro vicinity.....	Feb. 20-26.....	10	7		
<b>Persia:</b>					
Kermanschah.....	Mar. 31-Apr. 11.....		20	Philippine Islands:	
Cebu.....	Jan. 1-Mar. 31.....	5	5		
Manila.....	Nov. 15-Apr. 30.....	41	33		

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia:				
Cronstadt .....	Jan. 14-20.....		1	At plague laboratory.
Straits Settlements:				
Singapore .....	Feb. 28-Apr. 2 .....		3	
Turkey:				
Smyrna .....	Dec. 1-6.....		1	

## SMALLPOX.

Africa:					
Cape Town .....	Dec. 1-Mar. 15 .....	6			
Green and Sea Point.....	Nov. 29-Dec. 5 .....	1			
Argentina:					
Buenos Ayres.....	Oct. 1-Feb. 29 .....		187		
Austria-Hungary:					
Prague .....	Nov. 29-May 14 .....	171	1		
Trieste .....	Nov. 22-Mar. 5 .....	8			
Belgium:					
Antwerp .....	Jan. 11-May 14 .....	165	68		
Brussels .....	Jan. 31-May 14 .....		9		
Liege .....	Jan. 10-Mar. 19 .....	2	2		
Brasil:					
Bahia .....	Feb. 13-Apr. 23 .....		10		
Goyaz .....	Feb. 16-22.....	4			
Pernambuco .....	Nov. 1-Apr. 15 .....		269		
Rio de Janeiro .....	Nov. 16-May 1 .....	1,124	698		
British Guiana:					
Demerara .....	Nov. 1-Dec. 26 .....	73			
Canada:					
British Columbia (Tower Hill and Vancouver).....	Dec. 1-Feb. 18 .....	14			
Manitoba (Winnipeg).....	Mar. 27-May 14 .....	7			
New Brunswick (McAdam, Newcastle).....	Jan. 9-21.....	2			
Nova Scotia (Sydney).....	Apr. 10-May 21 .....	73	1		
Ontario .....	Dec. 1-Jan. 31 .....	116			
Quebec .....	Feb. 7-Mar. 19 .....	14			
Chile:					
Antofagasta .....	Nov. 1-Dec. 31 .....		13		
Santiago .....	Feb. 1.....				Epidemic.
China:					
Hongkong .....	Dec. 27-Mar. 26 .....	9	4		
Shanghai .....	Nov. 15-Apr. 30 .....		162		
Tientsin .....	Jan. 31-Feb. 6 .....	1			
Colombia:					
Barranquilla .....	Dec. 1-May 16 .....		21		
Formosa .....	Jan. 1-Mar. 31 .....	16			
France:					
Lyon .....	Feb. 7-May 14 .....		5		
Marseille .....	Dec. 1-Apr. 30 .....		103		
Nantes .....	Jan. 1-31.....	2			
Paris .....	Nov. 29-May 14 .....	441	56		
Rheims .....	Feb. 8-May 1 .....	1	1		
Rouen .....	Feb. 1-29.....		4		
Germany:					
Bremen .....	Apr. 23-29.....	4			On ss. Wittikind.
Strasburg .....	Jan. 1-Dec. 31 .....		2		
Great Britain:					
Birmingham .....	Dec. 6-May 14 .....	7	1		
Bradford .....	Nov. 22-Dec. 5 .....	1			
Bristol .....	May 8-14.....	1			
Cardiff .....	Mar. 13-May 21 .....	7	1		
Dundee .....	Mar. 13-May 21 .....	16			
Edinburgh .....	Dec. 13-May 14 .....	182	11		
Glasgow .....	Dec. 5-May 27 .....	875	61		
Hull .....	Jan. 17-May 7 .....	51	2		
Leeds .....	Dec. 27-May 21 .....	26			
Leith .....	Jan. 10-May 14 .....	26	2		
Liverpool .....	Dec. 13-May 21 .....	14	1		Three cases 1 death from ss. Indore from Baltimore.
London .....	Nov. 29-May 21 .....	255	1		
Manchester.....	Mar. 27-May 14 .....	53	6		
Newcastle-on-Tyne.....	Dec. 5-May 21 .....	135	4		
Nottingham .....	Nov. 29-May 14 .....	204	9		
Sheffield .....	Dec. 27-May 14 .....	35	1		
Southampton.....	Dec. 27-Apr. 9 .....	7	1		
South Shields.....	Jan. 3-May 14 .....	50	2		
Sunderland.....	Jan. 3-Feb. 6 .....	17	2		

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Hawaii:				
Honolulu.....	Feb. 4.....	1		From U. S. a. t. Logan.
India:				
Bombay.....	Nov. 25-May 3.....		262	
Calcutta.....	Dec. 27-May 7.....		24	
Karachi.....	Dec. 21-May 8.....	108	24	
Italy:				
Catania.....	Dec. 4-May 12.....		8	
Messina.....	Dec. 12-18.....		1	
Milan.....	Jan. 1-Feb. 29.....	5		
Palermo.....	Jan. 10-May 7.....	8		
Japan:				
Amakusa.....	Feb. 23.....	15		
Kobe.....	Apr. 3-16.....	3		
Matsu Island.....	Feb. 15.....	3		From Ger. ss. Batavia from Vlad-ivostok.
Mogi.....	Apr. 9.....			Present.
Fukuoka Ken.....	To Mar. 14.....	9		
Nagasaki Ken.....	Feb. 11-May 10.....	452	93	One case from Br. ss Kwang Ping from Tsin-hwan-tao.
Sasebo.....	Apr. 9.....			Present.
Yokohama.....	Jan.1-Dec.31,1903.....	2		
Do.....	Feb. 1-27.....	3		
Java:				
Batavia.....	Nov. 15-Apr. 23.....	174	42	
Malta.....	Dec. 6-Apr. 2.....	25	5	
Mexico:				
La Cananea.....	Mar. 9.....			Do.
Magdalena.....	Mar. 9.....	8		
Mexico.....	Dec. 28-May 22.....	110	59	
Porfirio Diaz.....	Jan. 9.....	1		
Tampico.....	Jan. 11-May 14.....		15	
Torreón.....	Feb. 24-May 28.....	144	38	
Vera Cruz.....	Dec. 19-Apr. 30.....	7	1	One case ss. Prince August Wilhelm from Havre.
Netherlands:				
Amsterdam.....	Dec. 20-May 21.....	40	8	
Rotterdam.....	Dec. 6-May 21.....	15	1	
Panama, Panama.....	Jan. 11-17.....		3	
Philippine Islands:				
Cebu.....	Jan. 1-Mar. 31.....	6	2	
Manila.....	Nov. 15-Apr. 30.....	29	11	
Porto Rico:				
San Juan.....	Dec. 1-Mar. 8.....	9		
Russia:				
Moscow.....	Nov. 22-May 14.....	125	48	
Odessa.....	Nov. 29-May 7.....	26	4	
St. Petersburg.....	Nov. 29-May 7.....	372	66	
Warsaw.....	Nov. 8-Apr. 23.....		86	
Spain:				
Barcelona.....	Jan. 10-May 20.....		97	
Madrid.....	To Dec. 15.....	35,000		Estimated.
Santander.....	Dec. 9-Apr. 4.....	51	15	
Straits Settlements:				
Singapore.....	Feb. 21-Apr. 16.....		3	
Turkey:				
Alexandretta.....	Mar. 6-May 7.....	17	1	Epidemic.
Beirut.....	Apr. 5-30.....			A few cases.
Constantinople.....	Jan. 18-May 15.....		90	
Smyrna.....	Nov. 23-May 1.....		51	
Uruguay:				
Montevideo.....	Sept. 6-Feb. 29.....	12	3	

Weekly mortality table, foreign and insular cities.

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.		
Acapulco	May 21	6,000	3													
Amherstburg	May 28	2,250														
Amsterdam	May 21	548,137	161	23												
Antwerp	May 14	294,669	77													
Barranquilla	May 8	42,000	23	1												
Do	May 16	42,000	18													
Beirut	May 7	125,000	15													
Belfast	May 14	358,693	151													
Belize	May 26	9,000	4													
Bombay	May 3	776,006	994	58	471											
Brunswick	May 14	131,422														
Brussels	do	575,896	162	25												
Calcutta	Apr. 30	847,796	738	30	270	103										
Cape Town	Apr. 23	83,718														
Cardiff	May 14	176,313	59													
Catania	May 19	153,523	63	4												
Christiania	May 14	224,000	63													
Coatzacoalcos	May 21	3,000	2													
Colombo	Apr. 30	155,869	98													
Colon	May 22	8,000	7													
Constantinople	May 15	800,000	215													
Copenhagen	May 14	500,000	187													
Corunna	do	50,000	21	2												
Curacao	May 19	31,600														
Dublin	do	378,994	173	32												
Dundee	May 14	163,535	62													
Edinburgh	do	331,977	110													
Fiume	May 8	40,000														
Flushing	May 21	19,105	7													
Funchal	May 15	44,049	21	3												
Geneva	May 7	111,000	43													
Ghent	Apr. 30	163,741	58	8												
Do	May 7	163,741	64	4												
Do	May 14	163,741	46	3												
Glasgow	May 20	798,357	282													
Gothenburg	May 14	134,300	41	17												
Halifax	May 28	40,787	17													
Hamburg	May 14	751,842	193													
Hamilton, Bermuda	May 2	17,535	3													
Havre	May 14	130,196	66	17												
Hull	do	253,865	85													
Karachi	May 1	108,644	279		206											
Kingston, Canada	May 27	19,374	6													
Kingston, Jamaica	May 14	52,475														
Kobe	Apr. 23	287,909	115													
Do	Apr. 30	287,909	106													
La Rochelle	May 15	31,553	3													
Lausanne	May 7	50,800	18													
Leith	May 14	80,508	20	4												
Liverpool	May 21	723,430	257													
London	May 14	6,907,756	1,930													
Lyon	do	500,000	226	45												
Madras	Apr. 29	509,346	351													
Mainz	May 14	89,000	41	6												
Do	May 21	89,000	34	8												
Manchester	May 14	558,335	225	21												
Mannheim	May 6	151,517														
Do	May 19	151,517	35													
Maracaibo	Apr. 17	106,811	14	2												
Do	Apr. 24	106,811	15	2												
Do	May 1	106,811	11	2												
Do	May 8	106,811	17	2												
Do	May 15	106,811	16	3												
Messina	May 14	107,000	28	6												
Mexico	May 15	368,777	358	23												
Do	May 22	368,777	364	29												
Moscow	May 7	1,173,427	558	21												
Newcastle-on-Tyne	May 14	219,021	89													
Nottingham	do	239,753	70													
Panama	May 22	20,000														
Paris	May 14	2,660,559	932	265												

α Estimated.



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.
Port au Prince.....	Apr. 25	60,000	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	May 2	60,000	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	May 9	60,000	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prague.....	May 7	225,816	155	37	.....	.....	.....	.....	.....	6	.....	1	.....	.....
Puerto Cortez.....	May 26	2,125	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Quebec.....	May 28	70,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rheims.....	May 15	108,885	43	9	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Rotterdam.....	May 21	364,133	87	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Sagua la Grande.....	do	21,342	13	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. John, N. B.....	May 28	40,711	19	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Stephen.....	do	2,840	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salford.....	May 14	228,983	77	8	.....	.....	.....	.....	.....	.....	1	1	.....	2
San Feliu de Guixols.....	May 15	11,833	5	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Santander.....	do	53,574	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheffield.....	May 7	430,000	134	18	.....	.....	.....	.....	.....	.....	.....	2	.....	5
Do .....	May 14	430,000	113	18	.....	.....	.....	.....	.....	.....	.....	3	.....	3
Singapore.....	Apr. 19	97,111	189	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Smyrna.....	Apr. 24	60,000	76	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	May 1	60,000	82	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Do .....	May 8	60,000	60	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southampton.....	May 14	112,500	30	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Shields.....	do	107,334	40	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stettin.....	do	228,095	93	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stockholm.....	May 7	309,496	88	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sydney, N. S.....	May 28	10,000	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tangier.....	May 14	40,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tarragona.....	do	19,300	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	May 21	19,300	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Cruz de Teneriffe.....	May 14	40,000	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuxpam.....	May 24	13,000	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Venice.....	May 14	166,288	62	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Veracruz.....	May 28	32,000	35	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Hartlepool.....	May 14	63,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yokohama.....	Apr. 23	313,695	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.