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Plague-prevention work—Summary of laboratory work, month of August, 1908.

Assistant Surgeon Chapin reports, September 3 and 8:

Week ended September 5.

Date of finding of last plague rat, July 9, 1908.

Rats received	1,387
Rats necropsied	1,187
Plague-infected rats to date.....	20
Vessels inspected.....	7
Vessels fumigated.....	4

Plague laboratory work, month of August, 1908.

During the month no human suspects have been reported. Five thousand five hundred and sixty-five rats were received, of which 5,329 were examined. No plague-infected rats were found.

Most of the rats belong to the species *Mus decumanus*. Among them is an occasional *Mus rattus*, *Mus alexandrinus*, and *Mus musculus*.

One rat showed the gross lesions of the leprosy-like disease of rats and microscopic examination of the subcutaneous tissue disclosed enormous numbers of acid-fast bacilli. The same gross lesions have been observed before on numerous occasions.

The laboratory findings to date include 3 human and 20 rat cases. The last human case was discovered October 25, 1907, and the last plague-infected rat was delivered July 9, 1908.

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

FLORIDA.—Reports from the State board of health for the week ended September 5, 1908, shows as follows: Enteric fever—*Jacksonville*, 6 cases; *Tampa*, 3 cases; *Dade City*, *Plant City*, and *Bartow*, each 1 case. Tuberculosis—*Jacksonville*, *Dade City*, *Cedar Key*, *Live Oak*, *Tampa*, and *Chattahoochee*, each 1 case. Diphtheria—*Tampa*, 5 cases; *Fernandina*, 1 case.

Pensacola.—Month of August, 1908. Estimated population, 30,000. Total number of deaths, 43, including 2 from enteric fever. Cases of contagious diseases not reported.

ILLINOIS—*Alton*.—Month of August, 1908. Estimated population, 22,000. Total number of deaths, 18, including 5 from tuberculosis. Case: Diphtheria 1.

Jacksonville.—Month of August, 1908. Estimated population, 17,500. Total number of deaths, 27.

Quincy.—Month of August, 1908. Estimated population, 43,000. Total number of deaths, 51, including diphtheria 1, enteric fever 1, and 3 from tuberculosis. Cases: Diphtheria 2 and enteric fever 2.

INDIANA—*Jeffersonville*.—Month of August, 1908. Estimated population, 12,000. Total number of deaths, 6, including 1 from enteric fever. Cases: Enteric fever 1.

IOWA—*Burlington*.—Month of August, 1908. Estimated population, 30,000. Total number of deaths 24, including 3 from tuberculosis.

Cedar Rapids.—Month of August, 1908. Estimated population, 30,000. Total number of deaths 40, including enteric fever 1 and 5 from tuberculosis. Cases: Scarlet fever 2 and enteric fever 7.

Sioux City.—Month of August, 1908. Estimated population, 50,000. Total number of deaths not reported. Cases: Diphtheria 1 and smallpox 3.

MINNESOTA—*Stillwater*.—Month of August, 1908. Census population, 12,435. Total number of deaths 9, including 1 from tuberculosis. Cases: Enteric fever 3.

NEW HAMPSHIRE—*Concord*.—Month of August, 1908. Estimated population, 20,000. Total number of deaths 39, including 2 from tuberculosis. Cases: Measles 15, enteric fever 2, scarlet fever 1, and tuberculosis 2.

NEW JERSEY—*Morristown*.—Month of August, 1908. Estimated population, 13,000. Total number of deaths 15, including 1 from enteric fever. Cases: Enteric fever 4.

NEW YORK.—Month of July, 1908. Estimated population, 8,546,356. Reports to the State department of health show as follows: Total number of deaths 11,874, corresponding to an annual death rate of 16.7 per 1,000 of the population, including enteric fever 112, measles 67, scarlet fever 63, whooping cough 53, diphtheria 139, and 1,151 from phthisis pulmonalis. Cases: Diphtheria 1,151, enteric fever 517, measles 1,900, scarlet fever 913, smallpox 8, and tuberculosis 2,297.

Buffalo.—Month of August, 1908. Estimated population, 410,000. Total number of deaths 508, including diphtheria 1, measles 1, scarlet fever 3, enteric fever 7, whooping cough 5, and 51 from tuberculosis. Cases: Diphtheria 21, enteric fever 44, measles 16, scarlet fever 71, whooping cough 7, and tuberculosis 84.

Rome.—Month of August, 1908. Estimated population, 18,500. Total number of deaths, 33, including enteric fever 1, whooping cough 1, and 3 from tuberculosis. Cases: Tuberculosis 4, enteric fever 5, and scarlet fever 1.

Saratoga Springs.—Month of August, 1908. Estimated population, 11,822. Total number of deaths, 27, including 4 from tuberculosis. Cases: Enteric fever 2 and tuberculosis 1.

Schenectady.—Month of August, 1908. Estimated population, 77,666. Total number of deaths, 72, including whooping cough 2 and 3 from tuberculosis. Cases: Diphtheria 6, enteric fever 19, scarlet fever 3, and tuberculosis 6.

Yonkers.—Month of August, 1908. Estimated population, 72,000. Total number of deaths, 95, including enteric fever 2 and 14 from tuberculosis. Cases: Diphtheria 3, measles 2, scarlet fever 18, enteric fever 5, and phthisis pulmonalis 12.

OHIO—Zanesville.—Month of August, 1908. Estimated population, 30,000. Total number of deaths, 31, including 5 from tuberculosis. Cases: Enteric fever 6, scarlet fever 3, smallpox 1, and diphtheria 2.

PENNSYLVANIA—Dunmore.—Month of August, 1908. Estimated population, 17,500. Total number of deaths, 18, including 1 from tuberculosis. Cases: Scarlet fever 1, enteric fever 1, whooping cough 1, diphtheria 1, and tuberculosis 1.

South Bethlehem.—Month of August, 1908. Estimated population, 18,000. Total number of deaths, 41, including 1 from enteric fever. Cases: Scarlet fever 2, tuberculosis 1, enteric fever 19, and diphtheria 3.

WEST VIRGINIA—Charleston.—Month of August, 1908. Estimated population, 26,000. Total number of deaths, 23, including enteric fever 2 and 1 from tuberculosis. Cases: Diphtheria 2, smallpox 2, and enteric fever 25.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27 to September 18, 1908.

[For reports received from December 27, 1907, to June 26, 1908, see PUBLIC HEALTH REPORTS for June 26, 1908.]

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

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Huntsville	Jan. 5-June 18	85		And vicinity.
Mobile	June 7-Aug. 29	10		
Total for State		95		
Arkansas:				
Texarkana	Dec. 1-June 15			Present.
California:				
Angel Island Quarantine Station.	Jan. 1-May 18			5 additional cases. Report received out of date.
Los Angeles	June 7-July 4	6		
Oakland	Apr. 1-July 31	16		July 13, 1 case on schr. Alumna. Report for June not received.
Sacramento	May 1-July 31	4		Reported out of date.
San Bernardino	Dec. 11-July 11	54		
San Diego County	June 1-Aug. 3	98		June 1-13, mainly on Pala Indian Reservation.
Escondido	June 1-Aug. 3	15		June 6-27, 5 cases from day steamer City of Long Beach.
San Diego	June 1-Aug. 3	25		
San Francisco	June 6-Aug. 29	45		
Stockton	July 1-31	1		
Total for State		264		
Delaware:				
Reedy Island Quarantine Station.	Aug. 9	1		From steamship Haverford.
Total for State		1		
District of Columbia:				
Washington	June 14-27	8		
Total for District		8		