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Records

[Title Page\(s\)](#) [Key Passage\(s\)](#) [Portrait\(s\)](#) [Context](#)

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[Goldberger J \(1907\)](#). Typhoid "bacillus carriers". In: Rosenau MJ, Lumsden LL, Kastle JH. Report on the origin and prevalence of typhoid fever in the District of Columbia. Hygienic Laboratory, Bulletin No 35, pp 167-174.

Title pages

TREASURY DEPARTMENT.
Public Health and Marine-Hospital Service of the United States.
WALTER WYMAN, Surgeon-General.

HYGIENIC LABORATORY.—BULLETIN No. 35.

M. J. ROSENAU, Director.

FEBRUARY, 1907.

REPORT

ON

THE ORIGIN AND PREVALENCE OF TYPHOID FEVER IN THE DISTRICT OF COLUMBIA.

BY

M. J. ROSENAU, L. L. LUMSDEN,
and JOSEPH H. KASTLE.

(Including articles contributed by Ch. Wardell Stiles,
Joseph Goldberger, and A. M. Stimson.)



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GOVERNMENT PRINTING OFFICE.

1907.

The frequency with which the typhoid bacillus has been isolated from the urine varies widely, as may be seen from the table. This variation depends, in part, on differences in technique and, in part, on the stage of the disease in which the studies were made and the frequency with which the examinations were repeated in each case. Considering only the studies (indicated in the table by a *) made on cases taken at random, since the introduction of the serum agglutination test for the identification of the bacillus, and averaging the results, it would appear that the typhoid bacillus occurs in the urine in about 16 per cent of cases.

Table showing frequency of typhoid bacilluria.

Date.	Reported by—	Number cases studied.	Number cases B. typhosus present.	Percentage cases B. typhosus present.
1881	Bouchard.....	65	21	32.00
1886	Seltz.....	7	2	28.00
1886	Hueppe.....	18	1	6.00
1887	Chantemesse and Widal.....	2	0	.00
1887	Berlioz.....	14	2	14.00
1888	Neumann.....	25	6	26.00
1888	Konjajeff.....	20	3	15.00
1890	Neumann.....	48	11	23.00
1890	Karlinski.....	44	21	48.00
1892	Silvestrini.....	7	7	100.00
1892	Stenbeck.....	2	2	100.00
1892	Enriquez.....	12	7	60.00
1892	Poniklo.....	1	1	100.00
1894	Borges.....	10	1	10.00
1895	Baart de la Faille.....	27	4	15.00
1895	Wright and Semple.....	7	6	85.00
1897	Horton-Smith*.....	7	3	43.00
1897	Besson.....	33	6	18.00
1897	Levy and Gissler*.....	22	10	45.00
1898	Petruschky*.....	50	3	6.00
1898	Richardson*.....	38	9	24.00
1899	Richardson*.....	66	14	21.00
1899	Horton-Smith*.....	12	4	33.00
1899	Schichold*.....	17	5	29.00
1900	Horton-Smith*.....	39	11	28.00
1900	Neufeld*.....	12	3	25.00
1901	Cole*.....	49	17	35.00
1901	Kurth*.....	45	5	11.00
1901	Hayaschikawa*.....	9	5	55.00
1901	Schuder*.....	22	5	23.00
1901	Vincent*.....	46	9	20.00
1901	Lewis*.....	45	1	2.00
1902	Bliss.....	311	31	10.00
1902	Fuchs*.....	41	4	10.00
1902	Jacobi*.....	35	7	20.00
1903	Lesieur*.....	15	7	47.00
1904	Herbert*.....	98	18	18.00
1904	Stefanelli and Cumbo*.....	21	7	33.00
1905	Fornaca and Melle*.....	19	8	41.00
1906	Vas*.....	26	6	23.00
1906	Olbrich*.....	10	3	30.00
1906	Brown*.....	15	8	53.00
1906	Brion and Kayser*.....	48	12	25.00
1906	Drigalski*.....	546	32	6.00
		2,004	348	17.39

* Denotes studies of cases taken at random since the introduction of agglutination test.