

1934

1933 is missing
take statistics
from year
1932 or 1934

December 11, 1934

Dr. Elliott S. Robinson, Director
Antitoxin and Vaccine Laboratory
375 South Street
Jamaica Plain, Massachusetts

My dear Doctor Robinson:

I am enclosing herewith report of the
Wassermann Laboratory for the calendar year 1934.

Very truly yours,

WAB:GCM
Enclosures

William A. Hinton, M.D., Chief
Wassermann Laboratory

DIVISION OF BIOLOGIC LABORATORIES

Report of Wassermann Laboratory

For the Year 1934

The routine activities of the Wassermann Laboratory, continue to increase, as is shown by Table I, below, which gives the number and character of the examinations for the past five years.

Table I

	1929	1931	1932	1933	1934
Wassermann Tests	85,864	87,444	100,948	106,211	48,798
Kahn Tests	8,332	12,735	15,385	13,541	5,478
Hinton Tests	18,068	15,412	22,187	20,371	38,247
Modified Hinton Tests	11,525	---	---	---	---
Coccoccus Fixation Tests	2,780	1,530	3,125	2,357	4,121
Lange's Colloidal Gold Tests	50	70	157	193	273
Complement Fixation Tests for Glanders	29	22	17	74	39
Specimens of Milk Examined for Tuberculosis	---	1	---	---	---
Agglutination Tests for Bacillus Abortus	---	---	253	---	---
Diagnostic Examinations for Division of Animal Industry:					
(a) Complement Fixation Tests For Glanders	73	13	5	11	15
(b) Examinations for Rabies	460	515	285	301	435
(c) Pathologic & Bacteriologic Examinations	5	34	22	21	12
(d) Agglutination Tests for Bacillus Abortus	8,648	8,363	10,377	11,321	14,519
(e) Specimens of Milk Examined for Tuberculosis	---	---	---	---	---
	180,309	187,785	158,190	171,214	154,873

Table I (Continued)

	<u>1930</u>	<u>1931</u>	<u>1932</u>	<u>1933</u>	<u>1934</u>
Budget	222,200	21,800	22,200	20,330	20,300
Average Cost per Test	13.3¢	13.3¢	14.5¢	11.3¢	.13¢

Report of Wassermann Laboratory for 1934 (Continued)

Table I. lists the examinations for the past five years. Although there is an actual increase in the accomplishments of the laboratory during the last year, the table does not show it. The following explanation, however, indicates the facts:

In the examination of the blood for syphilis, the Wassermann test was replaced by the Hinton test on April first. This change has made it impossible to show by our standard table the comparative work of the present year with that of past years. However, our records show that there were 106,111 specimens submitted for an examination for syphilis last year as against a total of 118,358 for this year, actually an increase of 11% for this year. Moreover, there has been an increase in all other types of examination except Complement Fixation Tests for Chlamydia. There has been a most noteworthy increase in the examination for Rabies and in the examination for Schick's reaction. In spite of the increase in the number of specimens handled, the work has been accomplished with the same personnel largely because of the fact that the Hinton test has almost entirely replaced the Wassermann test. The change from the Wassermann to the Hinton test has not only justified itself because of economy but also because of its increased accuracy in the detection of syphilis. Indeed, our figures show that twice as many cases of syphilis are detected by the Hinton test as compared with the Wassermann test.

In addition to these routine activities, the Wassermann Laboratory has furnished instruction to men in the second year class of the Harvard Medical School; to a special class of twenty senior students from Simmons College; and to one special student in the graduate department of Simmons College.

Respectfully submitted,

December 12, 1934