

1940

December 10, 1940

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

Dear Dr. Robinson:

Enclosed herewith is report of the Wassermann Laboratory for the fiscal year 1940.

Very truly yours,

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

WAS:O  
Enc.

DIVISION OF BIOLOGIC LABORATORIES  
Report of Wassermann Laboratory  
for the Fiscal Year 1940

The following table presents in statistical form the routine activities of the Wassermann Laboratory and shows the increase in the number of the major examinations during the past two years:

TABLE 1  
 Specimens received and results of  
 tests during fiscal year 1940

		SPECIMENS				TOTALS	TOTALS for 1939
		BLOODS	SPINAL & OTHER FLUIDS	RABIES	PATH. & BACT. SPECIMENS		
		344,284	11,798	305	5	356,392	302,443
HINTON	Neg.	267,260					
	Pos.	22,747					
	Dbt.	3,470					
	Uns.	12,915				306,423	252,200
DAVIES-HINTON MICRO-FLOCCULATION	Neg.	4,326					
	Pos.	108					
	Dbt.	20					
	Uns.	122				4,576	4,274
G.C. COMPLETE FIXATION	Neg.	7,200					
	Pos.	1,390					
	Dbt.	496					
	Uns.	260				9,346	11,134
BACILLUS ABORTUS	Neg.	26,112					
	Pos.	1,557					
	Dbt.	2,781					
	Uns.	332				30,682	29,882
GLANDERS	Neg.	23				23	35
WASSERMANN	Neg.		10,046				
	Pos.		1,234				
	Dbt.		272				
	Uns.		246			11,798	10,350
DAVIES-HINTON	Neg.		4,919				
	Pos.		1,229				
	Dbt.		50				
	Uns.		24			6,222	5,008
SMEARS & IMPRESSIONS	Neg.			250	1		
	Pos.			37			
	Dbt.			17	1		
	Uns.			1		307	291
PARAFFIN SECTIONS				297		297	289
ANIMAL INOCULATIONS				241	1	242	246
CULTURES					4	4	5
Totals for 1940		351,050	18,020	843	7	369,920	
Totals for 1939		297,325	15,358	813	18		313,514

Expenditures for routine activities and tests performed: \$44,526.51 \*

Average Cost per Test: 12¢

\*This figure includes \$20,719.18 from Federal Funds



Computations for annual report - 1940

Federal Salaries	\$14,987.01	
State Salaries	<u>19,067.33</u>	\$34,054.34
State Expenditures	\$ 6,300.00	
Federal " Dec. 1, 1939		
thru Nov. 30, 1940	<u>8,521.17</u>	<u>14,821.17</u>
TOTAL		\$48,875.51

Deductions		
Delaney Salary	\$990.00	
Carco 1/2 "	570.00	
Hill 1/2 "	1,515.00	
Kedy 4/5 "	<u>1,275.00</u>	<u>4,349.00</u>
TOTAL		\$44,526.51



Additional routine activities included laboratory demonstrations and instruction to:

Graduate and Senior students from Simmons College.  
Students from the second year class of Harvard Medical School.

Work on the serology of syphilis in rabbits treated with arsphenamine has continued throughout the year.

The evaluation of laboratories in Massachusetts to determine their efficiency in the serologic detection of syphilis was carried out in compliance with recently enacted State and Public Health laws. Thirty-one institutions have been approved for testing blood of blood donors and ten institutions have been approved for routine serologic tests for syphilis. Six technicians from hospitals in Massachusetts have been instructed in the technic of the Rapid-Hinton test.

New activities are as follows:

2637  
2670  
Serologic tests for syphilis are to be performed for the selective service boards and the National Guard. These are just getting under way and since November 1, 1940, there have been performed 1825 of these tests for the selective service boards and 2,143 of them for the National Guard. N.B.

The appointment of an additional Senior Bacteriologist has made possible the resumption of work on serologic detection of gonococcal infections.

Changes in personnel were as follows:

Four Junior Clerks and Stenographers resigned and one Junior Clerk and Stenographer was granted a prolonged leave of absence because of illness. Three Junior Clerks and Stenographers have been appointed to vacant positions and two such positions remain to be filled. One laborer was appointed temporarily to help in the Laboratory. One Senior Bacteriologist was appointed.

Final P  
The Wassermann Laboratory contemplates an unusual increase in the number of tests for syphilis during the coming year to meet the requirements of the selective service boards and the National Guard. The Laboratory will also continue the evaluation of laboratories in the State performing serologic tests for syphilis. Specimens will also be submitted to these laboratories already approved in order that the standard of their performance may be checked from time to time. Work on the serologic detection of gonococcal infections and the serology of syphilis in arsphenamine-treated rabbits is to continue.

Respectfully submitted,



DIVISION OF BIOLOGIC LABORATORIES  
Report of Wassermann Laboratory  
for the Fiscal Year 1940

The following table presents in statistical form the routine activities of the Wassermann Laboratory and shows ~~the~~ <sup>the</sup> ~~steady~~ increase in the number of the major examinations during the past two years:

Table I  
(Specimens received and results of tests)  
during year 1940

	BLOODS	SPINAL FLUIDS OTHER FLUIDS	RABIES	PATH & BACT SPECI- MENS	Totals	Totals for Fiscal Yr. 1939 <del>302,443</del> 302,443
	344,284	11,798	305	5	356,392	
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DAVIES-Hinton	Neg. 4,326 Pos. 108 Dbt. 20 Uns. 122				4,576	4,074
Micro-floccu- lation test						
G.C. COMPLE- MENT FIXAT'n	Neg. 7,200 Pos. 1,390 Dbt. 496 Uns. 260				9,346	11,134
BACILLUS ABORTUS	Neg. 26,112 Pos. 1,557 Dbt. 2,781 Uns. 232				30,682	29,882
GLANDERS	Neg. 23				23	35
WASSERMANN	Neg. 10,046 Pos. 1,234 Dbt. 272 Uns. 246				11,798	10,350
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SMEARS & IMPRESSIONS	Neg. 250 Pos. 37 Dbt. 17 Uns. 1		1	1	307	291
PARAFFIN SECTIONS			297		297	289
ANIMAL INOCULATIONS CULTURES			241	1 4	242 4	246 5
TOTALS <del>f. 1940</del>	351,050	18,020	843	7	369,920	313,514
Totals for 1939	297,325	15,358	813	18	<del>313,514</del>	

Expenditures:

Average Cost per Test 12¢

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The Wassermann Laboratory contemplates an unusual increase in the number of serologic tests during the coming year <sup>to meet the requirements</sup> because of tests to be submitted from the selective service boards and the National Guard. The Laboratory <sup>will</sup> also continue the evaluation of laboratories in the State performing serologic tests for syphilis. Specimens <sup>will</sup> also be submitted to those laboratories already approved in order that the standard of their performance may be checked from time to time. Work on the serologic detection of gonococcal infections and the serology of syphilis in arsphenamine-treated rabbits is to continue.

Respectfully submitted,

MEMORANDUM

Subject:- Annual Report

To: Division Directors

From: Dr. Jaisankar

Date: November 13, 1940

Will you please submit to my office by December 14, 1940, your preliminary annual report, giving a summary of the major activities of your division during the fiscal year 1940 and a brief statement of the more important new activities which you contemplate during the coming year.

It is suggested that in the preparation of your manuscript subheadings be eliminated as much as possible and activities combined under general headings.

A list of the publications of your division and any rules and regulations promulgated during the past year pertaining to the work of your division should be included.

*Submitted  
12/10/40*

