

M E M O R A N D U M

Subject:- Preliminary Annual Report

To: Dr. Feemster

From: Dr. Hinton

Date: December 5, 1944

Enclosed is the report of the Wassermann
Laboratory for the first eleven months of 1944.

WASSERMANN LABORATORY

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

1. Tests and Examinations

As shown in the table, the total number of tests performed has decreased from 631,787 for the first eleven months of 1943, to 480,522 for the first eleven months of 1944. This represents a decrease of 23.9% in the total number of tests, and a decrease of 24% in serologic tests for syphilis. This decrease was due to a sharp decline in specimens received from the Selective Service Boards and Induction Stations.

2. Laboratory Approval

In the program within the Commonwealth for evaluating the performance of laboratories in the serologic detection of syphilis, sixty-one institutions were recommended for approval for testing blood for transfusion purposes, and seventeen institutions for performing standard serologic tests for syphilis.

The serologic method used in the Wassermann Laboratory for the detection of syphilis was again evaluated by the United States Public Health Service.

3. Other Activities

A study was made of the lymphogranuloma venereum complement fixation test, and it was found to be too inaccurate to be recommended.

As a part of a Penicillin Therapy Study being conducted by the Department, this laboratory is doing Hinton and Kahn titrations on penicillin-treated syphilitic cases submitted by the Venereal Disease Clinics throughout the State.

WASSERMANN LABORATORY

1. Tests and Examinations

		BLOODS	SPINAL & OTHER FLUIDS	RABIES	PATH.& BACT. SPEC.	TOTALS JAN.1,1944 to NOV.30,1944	TOTALS JAN.1, 1943 to NOV.30,1943
		456,552	9,198	133	7	465,890	613,278
HINTON	Neg. 391,589 Pos. 16,872 Dbt. 2,320 Uns. 17,133					427,914	571,354
RAPID HINTONS	6,427					6,427	10,525
HINTON TITRATION - PENICILLIN	12					12	-
KAHN TITRATION - PENICILLIN	12					12	-
DAVIES-HINTON MICRO-FLOCCU- LATION	Neg. 5,860 Pos. 131 Dbt. 48 Uns. 253					6,292	5,552
BACILLUS ABORTUS	Neg. 18,267 Pos. 1,710 Dbt. 1,819 Uns. 528					22,324	27,146
GLANDERS	Neg. 10					10	34
WASSERMANN	Neg. Pos. Dbt. Uns.	6,333 1,524 56 17				7,930	7,663
DAVIES- HINTON	Neg. Pos. Dbt. Uns.	7,004 1,679 35 480				9,198	9,024
SMears & IMPRESSIONS	Neg. Uns.		120 13	6		139	165
PARAFFIN SECTIONS			127			127	158
ANIMAL INOCULATIONS			128	7		135	160
CULTURES				2		2	6
TOTALS FOR 1944	462,991	17,128	388	15		480,522	
TOTALS FOR 1943	614,611	16,687	470	19			631,787