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To: Dr. MacGready

From: Dr. Girard

Date: July 9, 1968

MEMORANDUM

Subject: Narrative of Annual Report
(and statistical)
Wassermann Laboratory

Attached is the narrative report of the Wassermann Laboratory (and statistical also) for fiscal period July 1, 1967 through June 30, 1968, as you requested.

NARRATIVE
WASSERMANN LABORATORY

ANNUAL REPORT COVERING PERIOD FROM
JULY 1, 1967 through JUNE 30, 1968

DURING fiscal year 1968 the Wassermann Laboratory performed 491,667 tests while processing 490,398 specimens - an increase of 12,264 tests over the previous year. In addition a total of 245,833 specimens were tested to comply with the premarital law, and 73,750 to comply with the prenatal law. Out-of-state premarital certificates were issued to 1910 applicants.

The intrastate evaluation of serologic tests for syphilis was conducted for approximately 200 local clinical laboratories and the Wassermann Laboratory participated, as usual, in the National Syphilis Serology Evaluation as well as the National Rabies Fluorescent Antibody Testing Survey. In both of these Federal-State programs the Wassermann Laboratory showed close agreement with results obtained by the National Communicable Disease Center.

Nineteen hundred and forty one tests were performed on six hundred and seventy two specimens that were examined for rabies. Of the total, five were found positive for rabies and all were bats:

<u>Place of Capture</u>	<u>Date</u>	<u>Human Bite Involved</u>	<u>Species</u>
(1) Winchendon	July, '67	Yes	Little brown bat
(2) Topsfield	Sept. '67	NO	Big brown bat
(3) Dorechester	Sept. '67	Yes	Little brown bat
(4) Brookline	Nov. '67	NO	Big Brown bat
(5) Worcester	Apr. '68	Yes	Little brown bat

Publications for Fiscal year, 1968 of the Wassermann Laboratory include the following published articles:

(1) Goldman, J.M. and Girard, K.F., "Intraocular Treponemes in Treated Congenital Syphilis," Arch.Ophthalm., 78, 47-50, July, 1967.

(2) Girard, K.F., Bosall, G., and MacCreedy, R.A., "Bats Batty but Rodents Rarely Rabid," (editorial), NEJM, 277, 1147-1148, Nov., 1967.

(3) Goldman, J. M. and Girard, K.F., "Causes de L'Opacite Apres Greffe de Cornee Dans La Keratite Interstitielle," Bull et Mem. Soc. Franc D'Ophthalm., 80th year, pp. 126-128, 1967.

(4) Goldman, J.M. and Girard, K.F., "Fluorescent Antibody Staining of Treponemas in Uveitis," Arch. Ophthalm., 79, 716-722, June, 1968.

Papers presented at National Meetings by Wassermann Laboratory personnel include the following:

(1) American Public Health Association, Miami Beach, October 24, 1967, "Observations on Late Congenital Syphilis with Ocular Disease - Laboratory Aspects," Girard, K.F., Goldman, J.M., Baumstark, J. and Stickler, D. Given by K. F. Girard.

(2) New England Ophthalmological Society, Boston, Mass., April 17, 1968.

Discussant (by invitation) of paper by J. L. Smith, M. D. entitled "New Developments in Ocular Spirochetal Disease," by K. F. Girard.

One member of the Wassermann Laboratory attended a Training Course at NCDC during the year - Miss Edith McCarthy, on the Automated Reagin Test, March, 1968. In addition, Mr. David Stickle, Junior Bacteriologist, applied and was accepted by the University of North Carolina School of Public Health for their doctoral degree program in Public Health Laboratory Practice. He plans to begin his training in September, 1968.

DIAGNOSTIC LABORATORIES
WISCONSIN LABORATORY
SPECIMENS AND TESTS - JUL 1, 1967 - JUNE 30, 1968

BLOOD SERUMS (Syphilis Serology)

Number of Specimens	401,156
Tests	
Hinton Qualitative	461,367
Hinton Quantitative	24,347
Davies-Hinton Micro Flocculation	1,763
Rettger Protein Complement Fixation-Quantitative	2,924
Rettger Protein Complement Fixation-Quantitative	162
FTA-AVS	593

SPIGAL FLUIDS (Syphilis Serology)

Number of Specimens	8,563
Tests	
Davies-Hinton	8,563

MICELANNEOUS (Serology)

Number of Specimens	7
Tests	
Glanders Complement Fixation Test	?

ANTHRA HEADS FOR BARSIN FLUORESCENCE

Number of Specimens	672
Tests	
Impressions (Hepi. holes)	672
Impressions (Fluorescent Antibody)	635
Horse Inoculations	634

TOTAL SPECIMENS	490,398
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TOTAL TESTS	491,667
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DIAGNOSTIC LABORATORIES
WASSERMANN LABORATORY
SPECIMENS

July 1, 1967 - June 30, 1968

<u>BLOOD SERUMS (Syphilis Serology)</u>	<u>Positive Results</u>	<u>Total Specimens</u>
Hinton Qualitative	6,568	
Hinton Quantitative	*	
Davies-Hinton Micro Flocculation	16	461,156
Reiter Protein Complement Fixation-Qualitative	749	
Reiter Protein Complement Fixation-Quantitative	*	
FTA-ABS	259	
 <u>SPECIAL FLUIDS (Syphilis Serology)</u>		
Davies-Hinton	16	8,563
 <u>MISCELLANEOUS (Serology)</u>		
Glanders Complement Fixation Test	0	7
 <u>ANIMAL HEADS FOR RABIES EXAMINATION</u>		
Impressions (Negri bodies)	0	
Impressions (Fluorescent Antibody)	5	672
Mouse Inoculations	2	
Total Wassermann Laboratory Specimens:		490,393

*We do not tabulate the results of Quantitative Hinton tests or Reiter Protein Complement Fixation tests (Quantitative).