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POLIOMYELITIS SURVEILLANCE
REPORT NUMBER 9
MAY 10, 1955 - 12:00 A.M.

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

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SPECIAL NOTE

The information provided in this report represents the latest data reported to the Poliomyelitis Surveillance Unit from State Health Departments, Epidemic Intelligence Service Officers, participating laboratories, and other pertinent sources. Much of the material is preliminary in nature and is subject to confirmation and change. It is distributed for the benefit of all participants with the understanding that it will not be released to the press or to unauthorized persons. Any release of this information will be strictly limited to the Office of the Surgeon General, United States Public Health Service, Washington, D.C. In such releases cases will be identified by state only; initials and residence will not be made public. State Health Officers, of course, are free to reveal any information they may wish concerning data from their State.

Dr. Joseph Melnick, Yale University, New Haven, reports the isolation of type 1 poliomyelitis virus from the stool of PSU case No. Conn-1. This non-paralytic case developed a stiff neck and back, sore throat and fever 18 days following inoculation with Cutter Vaccine, and the spinal fluid contained 55 cells. Dr. Melnick reports that the patient developed a positive complement fixation test prior to virus isolation.

Ten cases, 7 paralytic, and 3 non-paralytic, were accepted today. Of these the two new Texas cases (both non-paralytic) and the Mississippi case received Lilly Vaccine. The other 7 received Cutter Vaccine.

A total of 62 cases have been accepted through 12:00 noon today (5-10-55). Type 1 polio virus has now been isolated from the stool in 6 of these cases. Suspects are now under investigation in California, Idaho, Ohio and Kansas. A breakdown of today's totals follows (Table 1).

Table 1
Cases by State and Manufacturer
(PSU Accepted Cases through May 10, 1955)

State	Cutter	Lilly	Parke Davis	Pittman Moore	Wyeth	Total
California	23*					23
Idaho	12					12
Oregon	3					3
Louisiana	1	2*				3
Washington	1					1
Colorado	1					1
Illinois	1					1
Indiana		1				1
Georgia		1				1
New York	1					1
West Virginia		2				2
Texas	1	3**				4
Hawaii	1					1
Missouri	1					1
Nevada	3					3
Pennsylvania					1	1
Wyoming	1					1
Connecticut	1*					1
Mississippi		1				1
Totals	51	10	0	0	1	62

* Includes 1 non-paralytic case.

** Includes 2 non-paralytic cases.

Organization of diagnostic laboratory services in the Surveillance Program is progressing rapidly. Dr. Henry Kumm, Director of Research, NFIP, and Dr. Dorland J. Davis, Central Coordinator of the Sectional Research Program, NIH, have jointly notified PSU that the laboratories listed below have already expressed willingness to receive specimens for

poliomyelitis reference diagnosis during the coming year. All of these laboratories participated in the Vaccine Evaluation Program during 1954. A small coordinating committee is expected to discuss and work out organization of the laboratory program in the near future. Meanwhile, State and local health officers should contact the most convenient laboratory when they have specimens to submit. If local arrangements cannot be made, specimens should be sent to the CDC Virus and Rickettsial Laboratory, Montgomery, Alabama.

Listed below are the names of laboratories sent to PSU by Drs. Davis and Kumm. All laboratories not already receiving PSU reports have been added to the mailing list.

Dr. Gordon C. Brown
School of Public Health
University of Michigan
Ann Arbor, Michigan

Dr. Edwin H. Lennette
Viral and Rickettsial Laboratory
Calif. Dept. of Public Health
Berkeley, California

Dr. Lewis L. Coriell
Camden Municipal Hospital
Camden, New Jersey

Dr. Joseph L. Melnick
School of Medicine, Yale University
New Haven, Connecticut

Dr. Gilbert Dalldorf
Division of Laboratories & Research
State Department of Health
Albany, New York

Dr. Samuel Reader
Microbiological Associates
Bethesda, Maryland

Dr. Robert G. Fischer
Dept. of Bacteriology & Immunology
University of North Dakota
Grand Forks, North Dakota

Dr. Howard J. Shaughnessy
Division of Laboratories
State Dept. of Public Health
Chicago, Illinois

Dr. John P. Fox
School of Medicine
Tulane University
New Orleans, Louisiana

Dr. Jerome T. Syverton
Dept. of Bacteriology and
Immunology, University of Minn.
Minneapolis, Minnesota

Dr. Louis P. Gebhardt
Dept. of Bacteriology
Univ. of Utah College of Medicine
Salt Lake City, Utah

Dr. Alexander J. Steigman
School of Medicine
University of Louisville
Louisville, Kentucky

Dr. Seymour S. Kalter
College of Medicine
State University of New York
Syracuse, New York

NEAL NATHANSON
Neal Nathanson, M.D., Chief
Poliomyelitis Surveillance Unit

MAY 10 - REVISIONS
(Revised Items Underlined)

CASE NO.	Residence	Init- ials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	Site Inoc.	Site 1st Para.	MFR	Lot No.	Remarks
W Va-2	Mabscott	TAC	6	M	<u>4/21</u>	5/4	5/5	LA	Legs	L	8122-694334	
Tex-1	Houston	<u>HH</u>	7	M	4/19	4/27	4/28	LA	<u>LA</u>	L	7078-649343	

Code of Abbreviations:

PSU - Poliomyelitis Surveillance Unit
Mfr - Manufacturer
C - Cutter Laboratories
L - Lilly Laboratories
W - Wyeth Laboratories

LA - Left Arm
RA - Right Arm
LL - Left Leg or Buttocks
RL - Right Leg or Buttocks

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DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
PUBLIC HEALTH SERVICE COMMUNICABLE DISEASE CENTER

POLIOMYELITIS SURVEILLANCE UNIT

Accepted Cases Associated with Poliomyelitis Vaccine

Daily Supplementary Report

PSU CASE NO.	Residence	Init- ials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	Site Inoc.	Site 1st Para.	Mfr.	Lot No.	Remarks
Miss-1	Sunflower Co.	EA	6	F	4/18	4/24	4/24	RA	RL	L	5080- 649339	Progressed to weakness of both legs and trunk; is recovering rapidly
Ida-10	Clearwater Co.	JG	7	M	4/21	5/1	5/5	LA	LA	C	?E6039 ?E6058	
Ida-11	Valley Co.	CH	8	F	4/19	5/2	5/8	LA	LA	C	?	
Ida-12	Jerome Co.	CU	7	M	4/19	5/2	5/6	LA	LA	C	?E6039 ?E6058	
Conn-1	Manchester	ES	12	M	4/14	5/2	None	LA	None	C	E6044	Type I virus in stool 5/10 (Dr. Melnick)
Cal-24	Riverside	DT	8	M	4/27	5/3	?	?	RA	C	E5928	
Nev-3	Las Vegas	MB	7	F	4/21	5/2	5/7	?	bulbar	C	E6039	
Tex-3	Houston	TP	9	M	4/19	4/27	None	LA	None	L	7078-649343	
Tex-4	Yoakum	GS	8	M	4/21	4/27	None	?	None	L	7080-649342	
Wyo-1	Casper	CL	4	F	4/18	4/24	4/25	LA	LA	C	E5972	