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POLIOMYELITIS SURVEILLANCE
REPORT NUMBER
MAY 16, 1955 - 12:00 A.M.

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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. Edwin H. Lennette, Virus and Rickettsial Laboratory, Berkeley, has isolated Type 1 poliomyelitis virus from the stool of 2 previously reported California cases (PSU case Numbers Cal-12 and Cal-19). Dr. Lennette has also grown type 1 virus from the stool of 2 contacts of PSU Case No. Cal-14, although virus has not as yet been isolated from the case itself. To date type 1 virus has been isolated from a total of eight Cutter associated cases which are summarized in Table 1.

Dr. Robert Mellins, Epidemic Intelligence Service Officer, reports that Dr. Howard Shaughnessy, Director, Laboratory Division, Illinois Department of Public Health, has isolated type 1 virus from the stool of three contacts of PSU Case No. Ill-1. Growth of type 1 virus from the case itself was reported on May 3. Dr. Shaughnessy has also received stools from approximately 30 Chicago children who had been inoculated with Cutter Vaccine. Examination of 17 stools has been completed and in three of these 17 type 1 virus was found. One of these three positives had a transient febrile illness 4 days after vaccination, while the other two have been asymptomatic.

Table 1

Cases With Virus Isolation Reported
(PSU Accepted Cases Through May 16, 1955)

Case No.	Site Inoc	Site 1st Para	Mfr	Lot No	Type Virus	Lab.	Date Isolation Reported
Cal-6	LA	LA	C	E6045	Type 1	Lennette	5-2-55
Ill-1	Leg	?	C	E6044	Type 1	Shaughnessy	5-3-55
Cal-3	LA	LA	C	E6038? E5970 E5928?	Type 1	Lennette	5-4-55
La-3	LA	RA	C	E5973	Type 1	Fox	5-7-55
Cal-7	RL	RL	C	E6045	Type 1	Lennette	5-8-55
Conn-1	LA	None	C	E6044	Type 1	Melnick	5-10-55
Ga-1	RA	Bulbar L	5081-649340	Type 3	Montgomery	5-11-55	
Cal-12	LA	?	C	E6045	Type 1	Lennette	5-16-55
Cal-19	?	LA	C	E5971	Type 1	Lennette	5-16-55
Cal-14	LA	None	C	E6038? E5970 E5928?	Type 1 virus in stools of 2 family contacts, none from patient as yet (Dr. Lennette 5-16-55)		

One new paralytic Cutter associated case was accepted from California today. By error PSU Case No. Wyo-1 was reported twice. The totals have now been readjusted and stand at 74 at 12:00 noon today (5-16-55).

Cases are under investigation in California, Idaho, Kansas and Nebraska.

Table 2

Cases by State and Manufacturer
(PSU Accepted Cases through May 16, 1955)

State	Cutter	Lilly	Parke- Davis	Pittman- Moore	Wyeth	Total
California	25*					25
Idaho	16*					16
Oregon	3					3
Louisiana	1	2*				3
Washington	1					1
Colorado	1					1
Illinois	1					1
Indiana		1				1
Georgia	1	1				2
New York	1					1
West Virginia		2				2
Texas	1	4**				5
Hawaii	1					1
Missouri	1					1
Nevada	3					3
Pennsylvania					2	2
Wyoming	1					1
Connecticut	1*					1
Mississippi		1				1
Ohio	1					1
Virginia		1*				1
Delaware					1	1
Total	59	12	0	0	3	74

* Includes 1 non-paralytic case.

** Includes 3 non-paralytic cases.

Cases of poliomyelitis among parents and siblings of vaccinated children are presented as an additional tabulation in today's report. Cases of this type have already been presented in Special Report No. 1 with a discussion of their significance. Three new cases are reported today. Additional suspects are under investigation in Arizona, New Mexico, California, and Oregon.

NEAL NATHANSON, M.D., CHIEF
POLIOMYELITIS SURVEILLANCE UNIT

NN:bm
5-16-55
600

MAY 16, 1955
12:00 AM

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
Cal-26	Stanislaus Co. AR		4	F	4-20	5-6	5-6	LL	LL	?	?	

REVISIONS
(Revised Items Underlined)

Wyo-1 Dropped - same case as Wyo-2

Cal-12	Stanislaus Co.	CS	2	F	4-17	4-25	4-27	LA	?	C	E6045	<u>Type I virus in stool 5-16 (Dr. Lennette)</u>
Cal-19	La Canada	CC	4	F	4-22	4-24	4-27	?	LA	C	E5971	<u>Type I virus in stool 5-16 (Dr. Lennette)</u>
Cal-14	San Diego	JMcC	6	F	4-16	4-22	None	LA	None	C	E6038? E5970 E5928?	<u>Type I virus in stool of 2 family contacts 5-16 (Dr. Lennette)</u>

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

POLIOMYELITIS AMONG UNVACCINATED PERSONS GIVING HISTORY OF FAMILIAL CONTACT WITH INDIVIDUALS
WHO HAVE RECEIVED POLIOMYELITIS VACCINE
(PSU Accepted Cases May 14 - 16, 1955)

PRIMARY CASE

PSU CASE NO	Residence	Init- ials	Age	Sex	Date Inoc	Date Illness	Type Illness	Mfr.	Lot No
Ida-X2	?	?M	7	F	4-20	4-30	fever malaise	C	E6039? E6058?
Colo-X1	?	?	1	?	4-16	None	None	C	?
Cole-X2	?	?	2	?	4-16	None	None	C	?

SECONDARY CASE

Init- ials	Age	Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks
CM	10	F	5-11	5-13	?	Paralytic
?	28	M	5-7	5-8	LL	Bulbar - in respirator
?	25	F	5-1	5-7	?	RA, LA

