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POLIOMYELITIS SURVEILLANCE
REPORT NO. 19, MAY 23, 1955

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.

Poliomyelitis in Vaccinated Individuals

Nine new cases were accepted today. Of these one is a non-paralytic Cutter associated case from Nevada, four are non-paralytic Lilly associated cases from Texas, three are Wyeth associated cases from Pennsylvania, and one is a Parke-Davis associated case from Illinois.

The Illinois case developed weakness in the left deltoid 14 days after inoculation in the left arm with Parke-Davis Vaccine, and is the first accepted case associated with Parke-Davis Vaccine.

Today PSU accepted three new Wyeth associated cases from Pennsylvania. Of these, two were non-paralytic and the third developed mild weakness of the left leg after inoculation in the left arm. One previously reported case (PSU Case No. Pa-1) was classified as non-paralytic following further investigation.

Two Epidemic Intelligence Service Officers are now assigned for full time duty in Pennsylvania. Following active investigation over the weekend there are at present a total of only 3 Wyeth associated suspects outstanding, with reports received from Pennsylvania, Delaware and Maryland within the last 24 hours. It is of interest that Pennsylvania also reports an unusually high incidence of poliomyelitis in unvaccinated children, particularly in the Harrisburg area, a total of 7 new cases in the past three weeks.

Vaccinated cases total 88 at 12:00 noon 5-23-55 (Table 1).

Table 1

Vaccinated Cases by State and Manufacturer
(PSU Accepted Cases through May 23, 1955)

State	Cutter	Lilly	Parke- Davis	Pittman- Moore	Wyeth	Total
California	25*					25
Idaho	16*					16
Oregon	3					3
Louisiana	1	3*				4
Washington	1					1
Colorado	1					1
Illinois	1		1			2
Indiana		1				1
Georgia	1	1				2
New York	1					1
West Virginia		3				3
Texas	1	8***				9
Hawaii	1					1
Missouri	1					1
Nevada	4*					4
Pennsylvania					7**	7
Wyoming	1					1
Connecticut	1*					1
Mississippi		1				1
Ohio	1					1
Virginia		1*				1
Delaware					1	1
Arkansas		1*				1
Total	60	19	1	0	8	88

* Includes 1 non-paralytic case.

** Includes 3 non-paralytic cases.

*** Includes 7 non-paralytic cases.

Poliomyelitis in Parents and Siblings of Vaccinated Individuals

Four new cases of this type were accepted today. The two Washington and one Nevada case gave a history of contact with Cutter vaccinated children. The fourth case, reported from Maryland is the first one to be associated with Wyeth Vaccine. This patient developed paralysis 22 days after vaccination of a seven-year-old male sibling who has been well since receiving his inoculation. To date (12:00 noon, 5-23-55) 32 cases in parents and siblings of vaccinated children have been accepted.

Suspect cases are under investigation.
Nevada.

Table 2
Poliomyelitis in Parents and Siblings of
Vaccinated Individuals
(PSU Accepted Cases Through May 23, 1955)

State	Manufacturer**					Relationship to Vaccinate			Health of Vaccinate		
	C	L	W	PD	PM	Par-ent	Sib-ling	No Data	Ill	Not Ill	No Data
California	7*					5	1	1	2	2	3
Idaho	7						7		2	3	2
Colorado	2					2				2	
Georgia	2					1	1		2		
Maryland	1		1			1	1			1	1
Montana	1					1			1		
Nevada	4*					2	2		1	3	
Tennessee	1					1			1		
New Mexico	1						1			1	
Texas		1				1				1	
Arizona	1					1				1	
Hawaii	1						1		1		
Washington	2*					2			1	1	
Total	30	1	1			17	14	1	11	15	6

** C - Cutter, L - Lilly, W - Wyeth, PD - Parke-Davis, PM - Pittman-Moore
* Includes one non-paralytic case.

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POLIOMYELITIS SURVEILLANCE UNIT

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POLIOMYELITIS SURVEILLANCE UNIT

Accepted Cases Associated with Poliomyelitis Vaccine
Daily Supplementary Report

PSU CASE NO	Residence	Ini- Tials	Age	Sex	Date Inoc	Date 1st Symp	Date 1st Para	Site Inoc	Site 1st Para	Mfr	Lot No	Remarks
Nev-4	Sparks	TM	2	M	4-22	4-29	None	LA	None	C	E5974	Non-paralytic
Ill-2	Loves Park	JEL	7	F	4-27	5-11	?	LA	LA	PD	028846	
Tex-6	Houston	GA	7	M	4-19	5-6	None	LA	None	L	7078-649343	Non-paralytic
Tex-7	San Angelo	DK	7	M	4-21	5-4	None	LA	None	L	7078-649343	Non-paralytic
Tex-8	El Campo	MB	7	M	4-20	5-8	None	LA	None	L	7078-649343	Non-paralytic
Tex-9	Houston	RP	10	M	4-19	5-12	None	LA	None	L	7078-649343	Non-paralytic
Pa-5	Philadelphia	MJ	7	M	5-2	5-12	None	LA	None	W	235?	Non-paralytic
Pa-6	Harrisburg	DM	6	M	4-28	5-14	None	RA	None	W	23612	Non-paralytic
Pa-7	Harrisburg	RR	7	M	4-28	5-15	?	LA	LL	W	23612	

PSU CASE NO	Residence	Ini- tials	Age	Sex	Date Inoc	Date 1st Symp
Nev-1	Ely	<u>JS</u>	2	M	4-17	<u>4-27</u>
Nev-2	Ely	<u>BS</u>	8	M	4-17	<u>4-29</u>
Wash-1	Wiley City	VB	4	F	4-18	4-25
Cal-18	San Marino	BC	12	F	4-20	4-26
Cal-15	Santa Barbara	AG	5	F	4-18	4-26
Pa-1	Edinboro	JSJ	7	M	4-26	5-1
Pa-4	Bucks Co.	PE	7	F	5-2	<u>5-4</u>

Code of Abbreviations:

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

MAY 23, 1955 REVISIONS
(Revised Items Underlined)

Date 1st Para	Site Inoc	Site 1st Para	Mfr	Lot No	Remarks
<u>4-29</u>	RL	RL	C	E6045	
<u>5-1</u>	LL	<u>LL</u>	C	E6045	
4-27	<u>LA</u>	LA	C	E5972	
4-29	RL	RL	C	E5971	<u>Type 1 virus in stool 5-20</u> <u>(Dr. Lennette)</u>
4-28	RL	RL	C	E5971	<u>Type 1 virus in stool 5-23</u> <u>(Dr. Lennette)</u>
<u>None</u>	LA	<u>None</u>	W	23710	<u>Non-paralytic</u>
<u>5-13</u>	LA	LA	W	23614	<u>In respirator</u>

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 23, 1955)

Vaccinated Individuals										Poliomyelitis Case (Not Vaccinated)						
PSU CASE NO	Residence	Ini- tials	Age	Sex	Date Incc	Date Illness	Type Illness	Mfr	Lot No	Ini- tials	Age	Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks
Wash-X1	Yakima	GLR	3	F	4-16	None	None	C	?)	MJR	26	F	5-4	5-6	Bulbar	
		KSR	1	F	4-16	None	None	C	?)							
Md-X2	Taneytown	CEN	7	M	4-26	None	None	W	23605)	VLN	4	F	5-15	5-19	L.L.	Three other children in family had colds at same time(around 5-15).
Wash-X2	Vancouver	BR	2	F	4-15	None	None	C	E5972)	BR	33	F	5-9	None	None	Non-paralytic
		SR	1	F	4-15	4-19? 4-20?	Fever	C	E5972)							
Nev-X4	Gardnerville	CL	7	M	4-22	4-23	Fever Abdominal Pain	C	E6039)	BL	1	M	5-13	5-15	R.L.	
REVISION																
Md-X1	Baltimore	AL	1	F	4-16	None	None	C	E6044	NL	23	F	5-8	5-12	Bulbar	

