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POLIOMYELITIS SURVEILLANCE
REPORT NO. 22 MAY 26, 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

Accepted cases total 111 at 12:00 Noon 5-26-55 (Table 1), including 17 cases accepted today. Of these 17, 9 were Cutter associated cases from California (8) and Arizona (1), which had been previously reported to PSU but were being held in the files pending further investigation. Of 5 new Lilly associated cases, 4 (2 from Virginia, 1 from Texas and 1 from Arkansas) were non-paralytic and one was paralytic (a case from Louisiana which did not show correlation between site of inoculation and site of first paralysis). One new paralytic, uncorrelated Parke-Davis associated case was accepted from Illinois and two new non-paralytic cases from Nebraska, giving a history of inoculation with Pittman-Moore vaccine. These are the first two accepted cases receiving Pittman-Moore vaccine.

Dr. Karl Larsen, Rocky Mountain Laboratory, Hamilton, Montana, reports isolation of type 1 poliomyelitis virus from the stool of PSU Case No. Ida-11, from a contact only of PSU Case No. Ida-14, and from both case and contacts of PSU Case Nos. Ida-12 and Ida-15. Dr. Larson also reports growth of type 1 virus from the stool of a Cutter vaccinated infant, who developed mild sore throat 3 days after inoculation.

Poliomyelitis in Parents and Siblings of Vaccinated Individuals

Accepted cases total 40 at 12:00 Noon 5-26-55. Three new cases were accepted today from Arizona, Georgia and New Mexico, two in parents and one in a sibling of Cutter vaccinated children.

Poliomyelitis in Community Contacts of Vaccinated Individuals.

Two cases in neighborhood contacts of vaccinated children were reported today. A 3 year old paralytic case from Washington (state) gave a history of contact with another healthy 3 year old who had received Cutter vaccine.

PSU previously reported isolation of type 1 virus from PSU Case No. Md-X1 (unvaccinated) and the healthy 16 month old Cutter vaccinated daughter of this patient. Report was received today of the occurrence of paralytic polio in a 32 year old female neighbor of Md-X1. This patient had been in contact with Md-X1 and her 5 year old unvaccinated child was a playmate of the 16 month old daughter of Md-X1.

(Community contacts are not as yet being listed in a tabular summary).

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

Table 1

Vaccinated Cases by State and Manufacturer
(PSU Accepted Cases Through May 26, 1955)

State	C**		L		PD		PM		W		Total
	P*	NP*	P	NP	P	NP	P	NP	P	NP	
											33
											16
California	27	6									3
Idaho	15	1									5
Oregon	3										1
Louisiana	1		2	2							1
Washington	1										3
											1
Colorado	1				2						2
Illinois	1		1								1
Indiana			1								
Georgia	1										4
New York	1										13
			4								1
West Virginia			1	11							1
Texas	1										4
Hawaii	1										
Missouri	1										7
Nevada	3	1							4	3	1
											1
Pennsylvania											1
Wyoming	1										2
Connecticut			1							1	
Mississippi				1							3
Ohio	1										2
					3				2		2
Virginia											2
Delaware					2				2		1
Arkansas											
Nebraska											
Arizona			1						2	6	4
Sub-totals	59		10	10	18	2	0	0	2	10	111
Totals		69		28		2		2			

* P - Paralytic; NP - Non-paralytic
 ** C - Cutter; L - Lilly; PD - Parke-Davis; PM - Pittman-Moore; W - Wyeth

Table 2

Poliomyelitis in Parents and Siblings of Vaccinated Individuals
(PSU Accepted Cases Through May 26, 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
	P*	NP*	P	NP	P	NP	P	NP	P	NP						
California	6	1									5	1	1	2	2	3
Idaho	6	1										7		2	3	2
Colorado	2										2				2	
Georgia	3										2	1		2	1	
Maryland	1				4						1	3	1	1	3	1
Montana	1										1			1		
Nevada	3	1									1	3		1	3	
Tennessee	1										1			1		
New Mexico	2											2		1	1	
Texas			1								1				1	
Arizona		2									2				1	1
Hawaii	1											1		1		
Dist.Columbia					1							1			1	
Oregon	1											1			1	
Washington	1	1									2			1	1	
Sub-totals	28	6	1	0	5	0	0	0	0	0	18	20	2	13	20	7
Totals	34		1		5		0		0			40			40	

* P - Paralytic; NP - Non-paralytic

** C - Cutter; L - Lilly; W - Wyeth; PD - Parke-Davis; PM - Pittman-Moore

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	Ini- tials	Age	Sex	Date Inoc	Date 1st Symp	Date 1st Para	Site Inoc	Site 1st Para	Mfr	Lot No	Remarks
Cal-27	Los Angeles	SG	7	F	4-19	4-27	?	LA	LL	C	E6037	
Cal-28	Los Angeles	MK	7	M	4-22	5-2	None	?	None	C	E6037	CSF 1 cell, type 2 in stools 5-25 (Dr. Lennette)
Cal-29	Los Angeles	CM	7	F	4-22	5-2	?	RA	LA	C	E6037	
Cal-30	Oakland	DE	14	F	4-19	4-29	5-6	LA	Arms	C	?	Quadriplegia
Cal-31	Riverside	RA	7	M	4-22	5-6	None	RA	None	C	E5928	CSF data not yet received
Cal-32	Los Angeles Co	BB	7	M	4-20	5-3	None	LA	None	C	E6037	CSF no cells, non-paralytic
Cal-33	Long Beach	DB	7	M	4-22	5-2	None	?	None	C	?E6038 ?E5972	CSF data not yet received
Cal-34	Long Beach	DA	7	M	4-22	5-11	None	?	None	C	"	CSF data not yet received
Ariz-1	Maricopa	LH	7	F	4-25	5-17	None	?	None	C	?E5928	CSF 214 cells, non-paralytic
Va-2	Falls Church	RS	7	M	4-26	5-24	None	LA	None	L	8122-649334	CSF 234 cells, non-paralytic
Va-3	Chase City	MW	7	M	4-29	5-16	None	?	None	L	8122-64933?	CSF 39 cells, non-paralytic
Tex-13	Houston	RR	7	M	4-19	5-12	None	LA	None	L	7078-649343	CSF 40 cells, non-paralytic
Ark-2	Scott	JDK	6	M	4-20	5-17	None	LA	None	L	7078-649342	CSF no data as yet, non-para- lytic

PSU CASE NO	Residence	Ini- tials	Age	Sex	Date Inoc	Date 1st Symp
La-5	Shreveport	RH	7	M	4-25	?
Ill-3	Chicago	GH	6	M	5-6	5-18
Neb-1	Omaha	JK	8	M	? 5-5	5-12
Neb-2	Humboldt	JW	7	M	4-27	5-9

(Revised Items)

Ida-11	Valley Co	CH	8	F	4-19	5-2
Ida-12	Jerome Co	UC	7	M	4-19	5-2
Ida-14	Idaho Falls	DE	6	M	4-19	5-7
Ida-15	Driggs	AD	6	F	4-25	4-30
La-4	Rapides Parish	SP	6	F	4-26	4-29
Pa-7	Harrisburg	RR	7	M	4-28	5-15

Code of Abbreviations:

PSU - Poliomyelitis Surveillance Unit
Mfr - Manufacturer
C - Cutter Laboratories
L - Lilly Laboratories
W - Wyeth Laboratories
CSF - Cerebro-Spinal Fluid

Date 1st Para	Site Inoc	Site 1st Para	Lot Mfr No	Remarks
5-15	LA	Legs	L ?	
5-21	LA	RA, RL	PD ?028846B ?028863B	
None	?Arm	None	PM ?	Non-paralytic, confirmed by Health Department
None	LA	None	PM ?	Non-paralytic, confirmed by Health Department

REVISIONS
Underlined - 5-26-55)

5-8	LA	LA	C	?E6039 ?E6058	<u>Type 1 virus in stool 5-25 (Larson)</u>
5-6	LA	LA	C	?E6039 ?E6058	<u>Type 1 virus from case and 2 contacts 5-25 (Larson)</u>
5-8	LA	Bulbar	C	?E6039 ?E6058	<u>Type 1 virus from contact only 5-25 (Larson)</u>
5-2	LA	LA	C	?E6039 ?E6058	<u>Type 1 virus from case and 1 contact 5-25 (Larson)</u>
<u>None</u>	LA	<u>None</u>	L	5081-649340	<u>Non-paralytic</u>
<u>5-17</u>	LA	LL	W	23612	

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 26, 1955)

Vaccinated Individuals										Poliomyelitis Case (Not Vaccinated)						
PSU CASE NO	Residence	Ini- tials	Age	Sex	Date Inoc	Date Illness	Type Illness	MFr	Lot Number	Ini- tials	Age	Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks
<u>NEW</u>																
NM-X2	Deming	PET	6	M	4-19	5-6	Fever	C	?E6037 ?E5976	KRT	4	F	5-11	?5-16	?RL	
Ga-X3	Atlanta	GM	1	M	4-18	None	None	C	?E6044 ?E5973	PLM	38	M	5-3	5-16	RA	
Ariz-X2	Maricopa	RB	7	M	4-26	?	?	C	?E5976	GB	26	M	?5-19	None	None	CSF 200 cells, non-paralytic
<u>REVISIONS</u>																
<u>Revised Items Underlined</u>																
Md-X1	<u>Towson</u>	AL	1	F	4-16	None	None	C	E6044	NL	23	F	5-8	5-12	Bulbar	Type 1 virus from vaccinated individual and case 5-23 (Dr. Habel)
Md-X4	Prince Georges Co.	?R	7	F	<u>4-25</u>	<u>?5-2</u>	Headache Malaise	W	<u>23604</u>	WR	4	M	5-21	5-22	RA	<u>Patient's father had myalgia and fever 4-18.</u>
Ore-X1	Oswego	?F ?F	3 4	? ?	4-19 4-19	None None	None None	C C	E5972 E5972	BF	7	F	5-22	?	<u>LL</u>	

