DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

COMMUNICABLE DISEASE CENTER Theodore J. Bauer, M.D., Chief

EPIDEMIOLOGY BRANCH
Alexander D. Langmuir, M.D., Chief
Ira L. Myers, M.D., Asst. to Chief

POLIOMYELITIS SURVEILLANCE UNIT Neal Nathanson, M.D., Chief Earl Diamond, M.A., Statistician

Address:

50 Seventh Street, N.E., Atlanta 5, Georgia

Phone Numbers:

Daytime, Monday - Friday, 8:00 AM - 5:30 PM EST: Elgin 3311 Night, 5:30 PM - 10:00 PM EST, and Sat. and Sun: Elgin 2176

Home Phones:

Dr. Nea	1 Nathanson	CHerokee	7520
Mr. Ear	l Diamond	ATwood	2791
Dr. A.	D. Langmuir	CRescent	9207
Dr. Ira	L. Myers	DEarborn	0482

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

Dr. Edwin Lennette, Virus Laboratory, California Department of Public Health, reports isolation of type 1 virus from the stool of case PSU No. Cal-21. He also reports isolation of type 1 virus from the stool of a third family contact of non-paralytic case PSU No. Cal-14. Isolations from 2 other contacts of this case were previously reported.

Dr. Werner Henle, Children's Hospital, Philadelphia, reports isolation of type 1 poliomyelitis virus from Case PSU No. Pa-2. This is the first isolation from a case receiving Wyeth Vaccine. This case had first paralysis at the same site as inoculation.

One new case was accepted today from West Virginia. This seven-yearold female developed bulbar signs 26 days after inoculation with Lilly Vaccine. Vaccinated cases total 79 at 12:00 noon 5-20-55 (Table 1).

Table 1 Vaccinated Cases by State and Manufacturer (PSU Accepted Cases through May 20, 1955)

State	Cutter	Lilly	Davis	Moore	Wyeth		Total
California	25*					1270	25
Idaho	16*		L Wit ones				16
Oregon	3						10
Louisiana	ĺ	3 *					1.
Washington	i	٠.					i i
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Colorado	1 1975						,
Illinois	1 7000				rand I .		1
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Georgia		1				an	W 1 110
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Includes 1 non-paralytic case.

^{**} Includes 3 non-paralytic cases.

Poliomyelitis in Family Associates of Vaccinated Individuals

Three new cases were accepted today from Arizona, California, and Hawaii. All three cases occurred in family associates of children who received Cutter Vaccine. To date (12:00 noon 5-20-55) 28 cases in household contacts of vaccinated persons have been accepted (Table 2).

Table 2
Poliomyelitis in Parents and Siblings
of Vaccinated Individuals
(PSU Accepted Cases Through May 20, 1955)

	OLI P	yej ir		T.TTMO	POLT		ations) Vaccina		Health of Vaccinate			
State	С	Man	ufact W	turer∺ PD	÷ PM	Par- ent	Sib- ling	No Data	Ill	Not Ill	No Data	
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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					ī	_				1	
Montana	٦					7			٠,			
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New Mexico	Ŧ					T	_		7	_		
Texas	1	_					ī			1		
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Arizona Ha	7									,		
Hawaii Total	ז				•	T	. 1		7	1		
rotal	27	1				15	12	1	9	13	6	

^{**} C - Cutter, L- Lilly, W - Wyeth, PD - Parke-Davis, PM - Pittman Moore

** Includes one non-paralytic case.

Included in today's report is a page of charts showing incidence of poliomyelitis among Cutter vaccinated children and their contacts. (PSU accepted cases through May 18, 1955).

for all (49) of the Cutter vaccinated paralytic cases for which the necessary information was available.

The second chart shows the approximate distribution of Cutter vaccinaboth in NFIP clinics and by private physicians.

The third chart shows the incidence, based on onset of paralysis, of 49 Cutter cases in the first chart.

. The fourth chart shows the incidence, based on onset of paralysis, of the 20 paralytic cases in family contacts of Cutter vaccinated children for which the necessary information was available. The solid line shows the estimated incidence of cases among family contacts of Cutter vaccinated children, assuming that a total of approximately 60 family contact cases will occur. This estimate of the total number of cases allows for 50 per cent to 70 per cent complete reporting through mid-May.

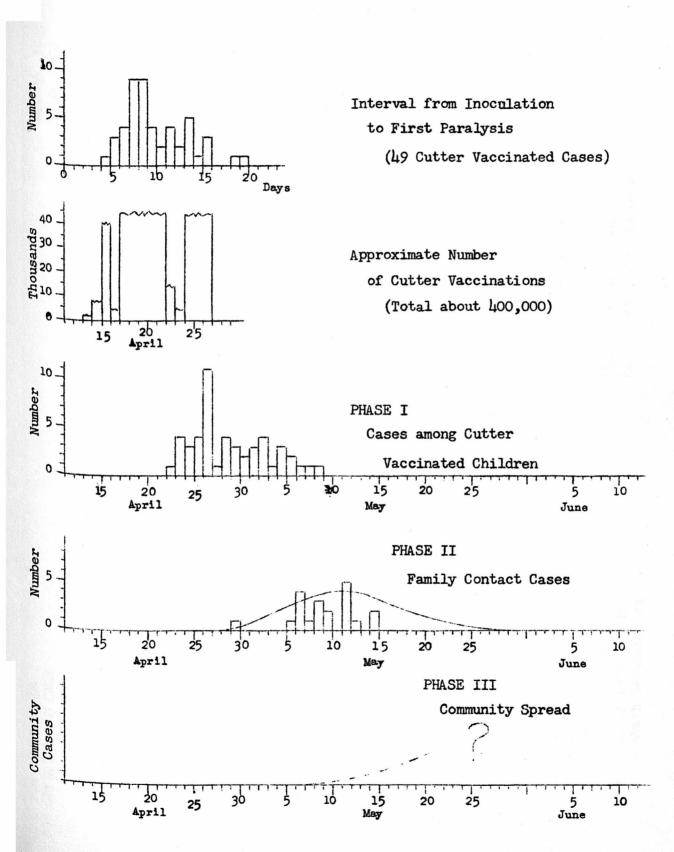
NEAL NATHANSON, M.D., CHIEF POLIOMYELITIS SURVEILLANCE UNIT

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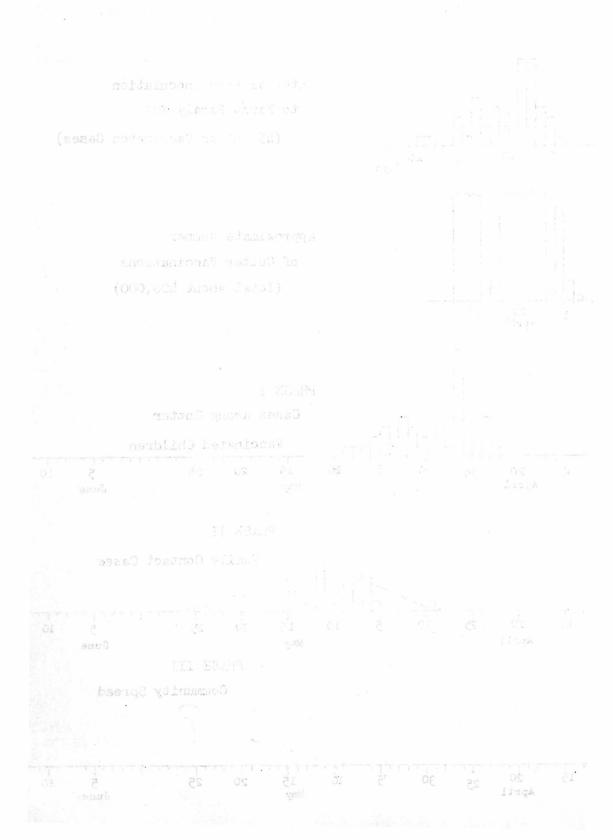
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POLIOMYELITIS CASES AMONG CUTTER VACCINATED CHILDREN AND THEIR CONTACTS



POLICHTER CASAS AMONG CUTTER VACCIDATED CHILDREN ABOUTERS COMMACES



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
WVa-3	Raleigh Co.	ВН	7	F	4-21	5-17	5-17	LA	Bulbar	L	8122-6	49334
		Victoria de Caracteria de Cara						O, 1955 Underli				
Cal-21	Sierra Madre	JP	1	M	4-19	4-28	5-1	LA	LA	C	E5972	Type 1 virus 5-19 (Dr.Lennette)
Cal-14	San Diego	JMcC	6	F	4-16	4-22	None	LA	None	С	?E6038 ?E5970 ?E5928	Type 1 virus from 3 family contacts 5-19 (Dr. Lennette)
Pa-2	Clifton Heigh	nts CS	. 7	F	4-29	5 -8	5-9	LA	LA	M	23616	Type 1 virus in stool 5-18 (Dr. Henle)
	Abbreviations: PSU - Poliomyel Mfr - Manufactu C - Cutter La L - Lilly Lab W - Wyeth Lab	rer borator: oratori	ies es	Lance	Unit			LL - Le	ght Arm ft Leg c		uttock Buttocks	

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PERSONAL SERVICE SERVICE

FOLIOMYELITIS AMONG UNVACCINATED PERSONS GIVING HISTORY OF FAMILIAL CONTACT WITH INDIVIDUALS WHO HAVE RECEIVED POLIOMYELITIS VACCINE (PSU Accepted Cases May 20, 1955)

Vaccinated Individuals

Poliomyelitis Case (Not Vaccinated)

PSU CASE NO	Residence	Ini- tials	Age	Sex	Date Inoc	Date Illness	Type Illness	Mfr	Lot No	Ini- tials	Age	Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks	
Ariz-Xl	Maricopa	CT ST GT	2 4 5	? ? ?	4-19 4-19 4-19	None None None	None None	CCC	E5972) E5972) E5972)	RT	36	M	5-15	None	None	Non-paralytic	
Cal-X7	Los Angeles Co	?S ?S ?S ?S	? ? ?	? ? ?	4-16 4-16 4-16 4-16	? ? ?	? ? ? ?	C C C	E5971) E5971) E5971) E5971)	RS	7171	M	4-25	5-8	RA,RL		
TH-X1	Honolulu	RM	6	M	4-26	5-2	Fever Sore throat	C	E6058	MM	3	M	5-12	5-16	RL	One other non-vaccinatact had slight illn	

(You havented Cases her 20, 1967)

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