DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

COMMUNICABLE DISEASE CENTER — EPIDEMIOLOGY BRANCH

POLIOMYELITIS SURVEILLANCE UNIT

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

WEEKLY SUMMARY

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.

The preliminary announcement of revised plans mentioned in Report No. 28, is now being prepared and will be issued in the near future.

Poliomyelitis in Vaccinated Individuals

Accepted cases total 142 through 6-8-55 (Table 1), including ten new cases accepted since 6-6-55, (See tabular summary for details). Of these ten cases, one (PSU Case No. Ala-1) had onset more than 30 days after vaccination.

Table 4 shows the degree of correlation which exists between site of inoculation and site of first paralysis for cases receiving vaccine produced by the different manufacturers. Data from an experiment by Dr. David Bodian appears in the right-hand column. Thirty-two cynomolgus monkeys were inoculated in the right calf with Mahoney Virus and the site of first paralysis recorded. Twenty-three of the thirty-two animals first developed paralysis in the limb inoculated.

Table 6 presents a compilation of cases by manufacturer and onset date. Particularly notable is the contrast between the Cutter associated

cases with onset dates grouped, namely between April 16 and May 7, and the Lilly associated cases with onsets spaced quite evenly between April 16 and the present.

In Table 7, cases are broken down by manufacturer and interval between inoculation and onset of symptoms. Again there is a marked contrast between the Cutter associated cases, the bulk of which have onsets 4 to 14 days after inoculation, and the Lilly associated cases with onsets falling over the whole period 0 to 42 days after inoculation.

In Table 8, cases with virus isolation are grouped by manufacturer and virus type. Twenty-seven isolations have been reported in connection with Cutter associated cases, and in 26 of these 27 instances Type 1 Virus has been isolated. Two isolations have been reported in connection with Lilly associated cases, (one Type 2 and one Type 3 Virus isolation), and three in connection with Wyeth associated cases (Type 1 Virus in all three instances).

In Table 5, "expected" and "reported" cases are composed. For the period April 16 to June 4, among Cutter vaccinated children, 8 cases were expected and 38 reported; among Lilly vaccinated children 41 cases were expected and 41 reported; among Parke-Davis vaccinated children 5 cases were expected and 6 reported; among Pittman-Moore vaccinated children 3 cases were expected and 4 reported; and among Wyeth vaccinated children 2 cases were expected and 12 were reported.

Poliomyelitis in Parents and Siblings of Vaccinated Individuals

Cases accepted through 6-8-55 total 81 (Table 2), including five new cases accepted since 6-6-55 (see tabular Summary for details).

In table 6, family contact cases are grouped by manufacturer and date of onset. Cases in family contacts of Cutter vaccinated children have onsets over the period April 16 to May 28, with the majority falling between May 1 and May 14. Cases giving a history of Lilly contacts had onsets between April 24 and May 28; cases giving a history of Wyeth contact, had onsets between May 8, and May 28; and cases giving a history of Parke-Davis contact had onsets May 22 to June 4.

In Table 7, cases are grouped by the interval between inoculation of vaccinated individual and onset of poliomyelitis in parent or sibling. The majority of cases with Cutter contact history had onsets between 15 and 28 days after inoculation of the vaccinated individual. The 12 cases with Lilly contact history had onsets from 4 to 42 days after inoculation of vaccinated contact, with 3 of the 12 falling in the 15 to 28 day period. Of the 11 cases giving Wyeth contact history 8 had onsets 15 to 28 days after inoculation of the vaccinated contact. The small number of cases giving Parke-Davis contact history (3) precludes generalication.

Twenty-two isolations in connection with family contact cases are grouped by manufacturer and virus type in Table X8. In all instances Type 1 Virus has been isolated. Of these 22, 14 gave a Cutter contact history, 2 a Lilly contact history, and 6 a Wyeth contact history.

Poliomyelitis in Community Contacts of Vaccinated Individuals

Accepted cases total 22 through 6-8-55 (Table 3), including 3 new cases accepted since 6-6-55 (see Tabular Summary for details).

In Table 6 cases are presented by manufacturer and date of onset. Twenty-one of twenty-two cases have onsets after May 14.

In Table 7 cases are grouped by manufacturer and interval between inoculation of the vaccinated individual and onset of symptoms in the poliomyelitis cases. The 15 cases giving Cutter contact history had onset 15 to 42 days after inoculation of vaccinated contact; the 3 cases giving Lilly contact history had onset 22 to 35 days after inoculation of the vaccinated contact; and the 4 cases giving Wyeth contact history, had onset 4 to 21 days after inoculation of the vaccinated contact.

Virus isolations from community contact cases are not presented in a table, but may be summarized as follows: Isolation has been reported in connection with a total of 5 cases: in all instances the virus was identified as Type 1, and all cases gave a Cutter contact history. In 2 of these 5 instances virus has been isolated from both the case and contact. (PSU Cases No. Minn-C1, and Md-C1). In three instances (PSU Cases No. Ida-C4, Md-C2, and Md-C3) virus has been isolated from contact only: it should be noted that the three cases Md-C1, Md-C2, and Md-C3 had association with a single common contact.

Current Morbidity Trends

Poliomyelitis incidence by week for the present calendar year, with similar data for the three preceding years, is presented in the figure, drawn from data provided by the National Office of Vital Statistics. During the period April 16 to May 7 incidence ran close to that for 1954; during the weeks ending May 14 and May 21 incidence rose to run above that for 1954; and during the last two weeks (ending May 28 and June 4) incidence has dropped to run close to that for 1953 and 1954. This week incidence rose only slightly from last week, reflecting the overall stability of incidence reports from individual states (see below).

The trend of poliomyelitis by States for the six-week period, April 30 through June 4, is presented in the accompanying table with comparable data for the three preceeding years.

(This Summary Report has been prepared by Dr. Neal Nathanson, Mr. Earl Diamond, and Dr. Alexander D. Langmuir. Special assistance in the calculations in Table 5 and on the figure and table describing current morbidity trends was provided by Dr. R. E. Serfling, Mrs. Ida Sherman, Mr. Jack Karush, and Dr. Jack Hall.)

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6-10-55
600

Table 1

Vaccinated Cases by State and Manufacturer
(PSU Accepted Cases Through June 8, 1955)

State	C		L		PD		PM		W		Total
	P*	NP	P	NP	P	NP	P	NP	P	NP	
California	28	6									34
Idaho	17	1									18
Oregon	3				2						5
Louisiana	1		2	2							5
Washington	1										1
Colorado	1										1
Illinois	1				2	1					4
Indiana			1								1
Georgia	1		1			1					3
New York	1				2	2					5
West Virginia			4								4
Texas	1		3	15							19
Hawaii	1										1
Missouri	1						1				2
Nevada	3	1									4
Pennsylvania									4	2	6
Wyoming	1										1
Connecticut		1									1
Mississippi			1								1
Ohio	1			1					1	1	4
Virginia				6							6
Delaware									2		2
Arkansas				2							2
Nebraska							2	1			3
Arizona		1									1
Maryland									2		2
Tennessee				2							2
South Carolina			1								1
Michigan						1					1
Iowa					1						1
Alabama				1							1
Sub-Totals	62	10	13	29	7	5	3	1	9	3	
Totals	72		42		12		4		12		142

* 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 June 8, 1955)

State	Manufacturer**										Relationship to Vaccinated Individual			Health of Vaccinated Individual		
	C		L		W		PD		PM							
	P*	NP*	P	NP	P	NP	P	NP	P	NP	Parent	Sibling	No Data	Ill	Not Ill	No Data
California	7	1									5	2	1	2	2	4
Idaho	16	6									3	19		4	3	15
Colorado	2										2				2	
Georgia	3		1								3	1		2	2	
Maryland	1				5	1					1	5	1	3	3	1
Montana	1										1			1		
Nevada	3	1									1	3		1	3	
Tennessee	1										1			1		
New Mexico	2	1										3		1	1	1
Texas	1		2								2	1			3	
Arizona		2									2				1	1
Hawaii	1											1		1		
Dist.Columbia					1							1			1	
Oregon	2	1									1	2		2	1	
Washington	1	1									2			1	1	
Pennsylvania					1						1					1
Ohio	1		1		2	1					2	3		2	3	
Mississippi			3									3		2	1	
Alabama			3	2								5		2		3
New York							1					1			1	
Illinois							2					2			1	1
Sub-Totals	42	13	10	2	9	2	3	0	0	0	27	52	2	25	29	27
Totals	55		12		11		3		0		81				81	

* P -Paralytic; NP-Non-paralytic

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

Table 3

Poliomyelitis in Community Contacts of Vaccinated Individuals
(PSU Accepted Cases Through June 8, 1955)

State	Manufacturer** C P*	C NP*	L P	L NP	W P	W NP	PD P	PD NP	PM P	PM NP	Age of Case (Unvaccinated) Under 18	18 and Over	No Data	Ill	Health of Contact (Vaccinated) Not Ill	No Data
Minnesota	1										1			1		
Florida			1								1			1		
Maryland	3										1	2			3	
Washington	1										1				1	
Pennsylvania					3	1					4			2	2	
California	2										2					2
Idaho	3	1									4			2		2
Georgia			1								1				1	
Alabama	1											1		1		
Oregon	2										2			2		
Virginia	1										1					1
Mississippi			1								1			1		
Sub-Totals	14	1	3	0	3	1	0	0	0	0	19	3	0	10	7	5
Totals	15		3		4		0		0			22			22	

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

TABLE 4

Cases by Site of Inoculation
Site of First Paralysis, and Manufacturer
(PSU Accepted Cases through June 8, 1955)

Site of Inoculation	Site of First Paralysis	Manufacturer C**	L	W	PM	PD	Monkey Data (Bodian)
Paralytic Cases							
Left Arm	Left Arm	29	1	3		2	
Right Arm	Right Arm	4					
Left Leg	Left Leg	3					
Right Leg	Right Leg	7					23[1]
Arm	Other Arm	2					
Arm	Leg	7	8	3	1	2	
Arm	Bulbar	2	3	2		3	
Arm	Trunk	1					
Leg	Other Leg	1					
Leg	Other Site						9[2]
Non-paralytic Cases		10	29	3	1	5	
Data Incomplete		6	1	1	2		
Totals		72	42	12	4	12	32

* Dr. David Bodian, personal communication. Thirty-two Cynomolgus monkeys were inoculated with mahoney virus in the right calf and examined twice daily to determine the site of initial paralysis. All animals were given a 1-ml inoculum drawn from a single virus pool and containing 100 to 1000 tissue-culture doses per ml.

1 In some cases initial paralysis developed simultaneously in several extremities, including the right leg.

2 In some cases initial paralysis developed simultaneously in several sites, but in all cases the right leg was not involved at the time when paralysis was first noted.

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

Table 5

Comparison of Expected* and Reported** Cases of Poliomyelitis Among Children Inoculated in NFIP Clinics from April 15 to May 7, 1955

(PSU Accepted Cases through June 8, 1955)

Vaccine Mfr.***	Number Vaccinated		Total Apr. 16 May 21	Onset in Week Ending May 28	June 4	June 11	June 18	Total**** Apr. 16 June 4
Cutter	308,748	Exp'd.	6	1	1	2	3	8
		Rep'd.	38	-	-	-	-	38
Lilly***	2,513,962	Exp'd.	23	7	11	15	20	41
		Rep'd.	32	9	-	-	-	41
Parke-Davis***	834,148	Exp'd.	3	0-1	2	1	2	5
		Rep'd.	2	3	1	-	-	6
Pittman-Moore	410,648	Exp'd.	2	0-1	1	1	3	3
		Rep'd.	3	0	1	-	-	4
Wyeth	775,920	Exp'd.	1	0-1	0-1	0-1	1	2
		Rep'd.	11	1	0	-	-	12

* Expected cases estimated from weekly 5-year medians of cases of poliomyelitis, (paralytic and non-paralytic) reported to National Office of Vital Statistics by the States.

** Reported Cases, both paralytic and non-paralytic, and accepted by PSU, for ages 6, 7, or 8 having onsets between April 16 and June 4 and excluding those vaccinated after May 7, 1955.

*** CUTTER vaccine used in Idaho, Nevada, Arizona, New Mexico, and Southern California. LILLY vaccine was used in Texas, Oklahoma, Louisiana, Arkansas, Mississippi, Alabama, Tennessee, Florida, Georgia, South Carolina, North Carolina, Virginia, West Virginia, Indiana, part of Ohio, and parts of California and Colorado. PARKE-DAVIS vaccine was used in Michigan, Illinois, Iowa, Wyoming, Utah, and part of Colorado. PITTMAN-MOORE vaccine was used in Kentucky, Missouri, Kansas and Nebraska. WYETH vaccine was used in Pennsylvania, Delaware, Maryland, District of Columbia, and part of Ohio.

*** One Lilly associated and 6 Parke-Davis associated cases were inoculated after May 7 and are omitted.

**** Total reported cases may be broken down into paralytic and non-paralytic cases as follows:

	C	L	PD	PM	W
P	30	12	3	3	9
NP	8	29	3	1	3
Total	38	41	6	4	12

Table 6

Poliomyelitis Cases Associated with Vaccinated Persons
by Date of First Symptoms, and Manufacturer
(PSU Accepted Cases Through June 8, 1955)

Manufacturer		Onset in Week Ending 4-23	4-30	5-7	5-14	5-21	5-28	6-4	Total
Cases in Vaccinated Individuals									
Cutter	P	9	40	11	1	1			62
	NP	1	1	6	1	1			10
Lilly	P	2	4	1		4	1		13
	NP	1	3	4	6	7	7	1	29
Wyeth	P		1	2	2	3	1		9
	NP				2	1			3
Pittman-Moore	P				1	1		1	3
	NP				1				1
Parke-Davis	P				1	1	4	1	7
	NP						3	2	5
Cases in Family Contacts of Vaccinated Individuals									
Cutter	P	1	2	14	17	5	3		42
	NP		1	2	6	3	1		13
Lilly	P		2	2	2		4		10
	NP			1	1				2
Wyeth	P				1	5	3		9
	NP				1		1		2
Pittman-Moore	P								0
	NP								0
Parke-Davis	P						2	1	3
	NP								0
Cases in Community Contacts of Vaccinated Individuals									
Cutter	P				2	7	4	1	14
	NP					1			1
Lilly	P				2			1	3
	NP								0
Wyeth	P			1	2				3
	NP					1			1
Pittman-Moore	P								0
	NP								0
Parke-Davis	P								0
	NP								0

Table 7

Poliomyelitis Cases Associated with Vaccinated Persons by Interval between Inoculation and Onset of Symptom (PSU Accepted Cases Through June 8, 1955)

Manufacturer		Interval in Days Between Inoculation and Onset of Symptoms 0-3	4-7	8-14	15-21	22-28	29-35	35-42	No Data	Totals
Cases in Vaccinated Individuals										
Cutter	P	2	35	20	3	1	1			62
	NP		2	4	3	1				10
Lilly	P		4	3	3	2		1		13
	NP	2	2	5	3	9	6	2		29
Wyeth	P	1	1	2	4		1			9
	NP			1	2					3
Pittman-Moore	P		1			2				3
	NP			1						1
Parke-Davis	P	3		3			1			7
	NP	1		1	1		2			5
Cases in Family Contacts of Vaccinated Individuals*										
Cutter	P	1		3	18	13	1	2	4	42
	NP			3		8	1		1	13
Lilly	P		1	4		2	1	2		10
	NP			1		1				2
Wyeth	P				4	2	3			9
	NP				2					2
Pittman-Moore	P									0
										0
Parke-Davis	P			1		1	1			3
	NP									0
Cases in Community Contacts of Vaccinated Individuals*										
Cutter	P				2	3	4	4	1	14
	NP						1			1
Lilly	P					2		1		3
	NP									0
Wyeth	P		1	1	1					3
	NP				1					1
Pittman-Moore	P									
	NP									
Parke-Davis	P									
	NP									

*Interval between inoculation Vaccinated Individual and Onset of Symptoms in Polio Case.

Table 8

Vaccinated Cases with Virus Isolation
(PSU Accepted Cases Through June 8, 1955)

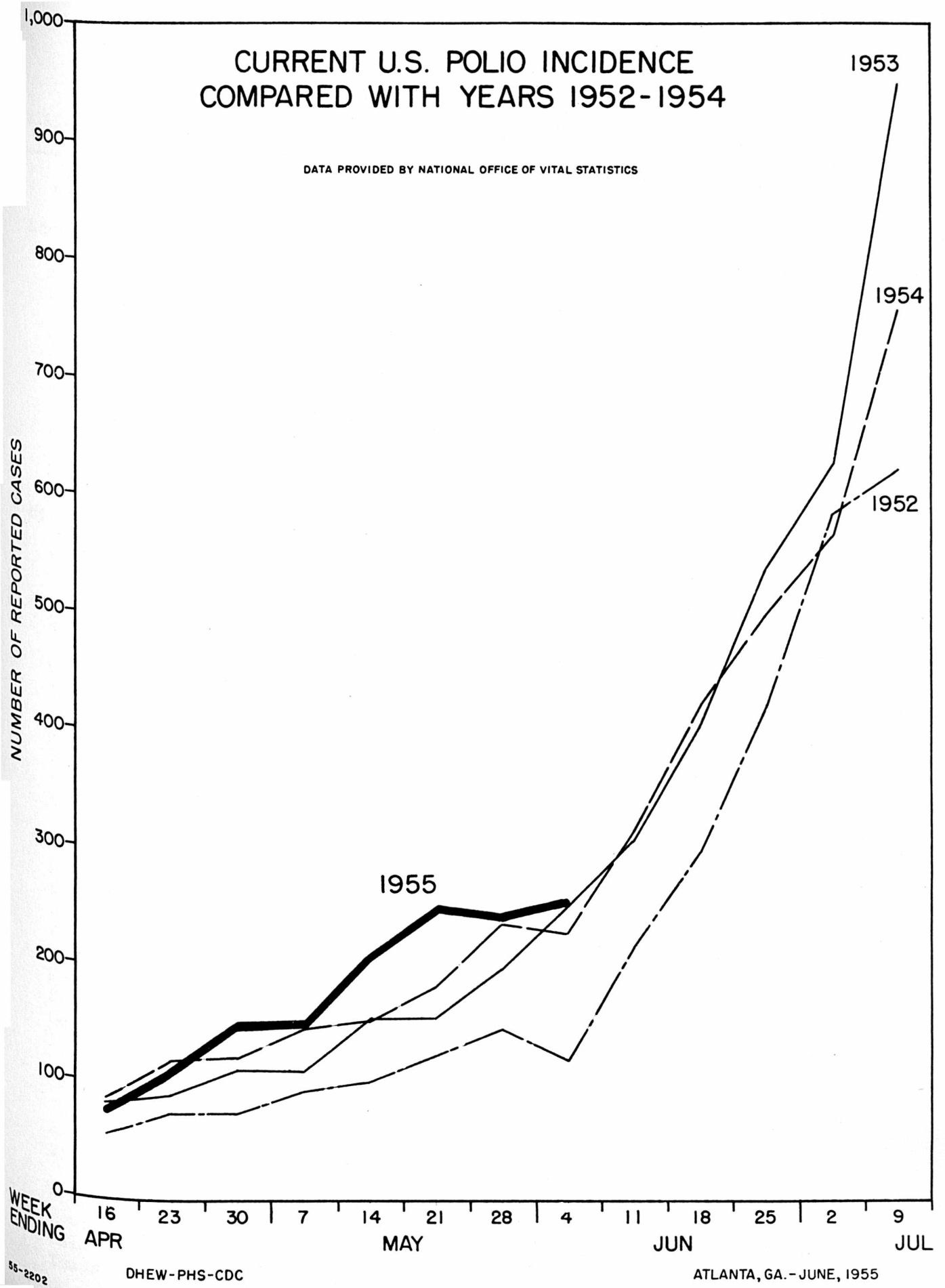
Manufacturer		Isolation from Vaccinated patient only			Isolation from Unvaccinated contact only			Isolation from both Patient and Contact			Total
		1**	2	3	1	2	3	1	2	3	
Cutter	P*	17			2			5			24
	NP*		1					2			3
Lilly	P									1	1
	NP								1		1
Wyeth	P	2						1			3
	NP										0
Parke-Davis	P										0
	NP										0
Pittman-Moore	P										0
	NP										0
Total											32

Table X8

Familial Contact Cases with Virus Isolation
(PSU Accepted Cases in Parents and Siblings of vaccinated Individuals, Through June 8, 1955)

Manufacturer		Isolation from Unvaccinated patient only			Isolation from Vaccinated Contact only			Isolation from patient and contact			Total
		1	2	3	1	2	3	1	2	3	
Cutter	P	4			5			3			12
	NP	1			1						2
Lilly	P	1									1
	NP				1						1
Wyeth	P	2			3						5
	NP				1						1
Parke-Davis	P										
	NP										
Pittman-Moore	P										
	NP										
Total											22

* P - Paralytic NP - Non-paralytic
** Type of Poliomyelitis Virus


CURRENT U.S. POLIO INCIDENCE
COMPARED WITH YEARS 1952-1954
DATA PROVIDED BY NATIONAL OFFICE OF VITAL STATISTICS
1953
1954
1952
1955
NUMBER OF REPORTED CASES
1,000
900
800
700
600
500
400
300
200
100
0
WEEK ENDING
16
23
30
7
14
21
28
4
11
18
25
2
9
APR
MAY
JUN
JUL
55-2202
DHEW-PHS-CDC
ATLANTA, GA.-JUNE, 1955

TREND OF 1955 POLIOMYELITIS INCIDENCE

STATE	Cases Reported to NOVS* During Week Ending: 4/30	5/7	5/14	5/21	5/28	6/4	Comparable Totals in: Total	1954	1953	1952
United States	147	149	206	246	240	251	1239	1061	977	654
North East										
Maine	-	-	-	-	-	1	1	-	5	2
New Hampshire	-	-	-	-	-	-	-	-	2	-
Vermont	-	-	-	-	-	NO Report	-	-	-	-
Massachusetts	-	2	1	-	-	-	3	5	10	6
Rhode Island	1	-	1	1	-	-	3	-	-	-
Connecticut	-	3	-	-	-	-	3	3	6	1
New York	12	5	12	10	18	11	68	20	42	26
New Jersey	1	1	1	-	2	5	10	5	9	2
Pennsylvania	2	2	10	10	3	9	36	6	10	7
North Central										
Ohio	-	7	2	5	6	9	29	27	13	8
Indiana	-	3	7	2	1	2	15	8	14	5
Illinois	3	15	7	9	9	5	48	15	20	20
Michigan	6	1	10	5	4	3	29	29	17	7
Wisconsin	3	1	-	4	5	5	18	8	9	9
Minnesota	2	1	2	5	3	5	18	6	23	3
Iowa	4	3	3	4	6	2	22	10	17	9
Missouri	2	3	2	1	1	4	13	23	24	6
North Dakota	-	-	1	-	-	1	2	3	3	2
South Dakota	-	1	-	-	6	2	9	1	6	8
Nebraska	-	3	3	4	3	1	14	4	11	7
Kansas	3	2	2	-	3	2	12	8	12	4
South										
Delaware	1	-	2	2	5	3	13	-	-	2
Maryland	2	-	-	2	7	3	14	1	8	1
District of Col.	-	-	-	-	2	-	2	1	2	1
Virginia	1	2	4	5	4	2	18	9	12	3
West Virginia	3	1	4	3	2	1	14	10	14	9
North Carolina	1	-	4	2	4	-	11	10	27	5
South Carolina	4	-	1	4	1	1	11	18	7	4
Georgia	7	4	9	11	3	5	39	36	19	3
Florida	13	9	5	7	6	15	55	110	38	26
Kentucky	4	3	1	2	6	9	25	9	13	3
Tennessee	1	1	-	-	3	4	9	10	17	9
Alabama	-	1	1	3	3	9	17	36	51	2
Mississippi	1	1	8	3	4	8	25	27	27	26
Arkansas	-	1	2	4	2	6	15	27	15	5
Louisiana	6	11	4	10	11	6	48	37	21	40
Oklahoma	-	4	-	5	1	-	10	27	24	10
Texas	15	13	19	37	37	52	173	237	202	213

STATE	Cases Reported to NOVS* During Week Ending: 4/30	5/7	5/14	5/21	5/28	6/4	Total	1954	1953	1952
West										
Montana	1	-	-	3	1	-	5	1	3	-
Idaho	12	3	9	15	22	4	65	4	2	7
Wyoming	1	1	2	-	-	-	4	-	2	3
Colorado	2	-	3	12	5	5	27	11	12	3
New Mexico	-	3	1	1	-	1	6	3	-	4
Arizona	2	6	1	5	1	3	18	18	11	12
Utah	-	1	1	-	1	-	3	6	8	5
Nevada	-	1	5	2	-	2	10	6	-	-
Washington	2	2	4	4	5	2	19	15	9	13
Oregon	6	1	7	4	6	4	28	7	12	6
California	23	27	45	40	28	39	202	204	168	107

NOT FOR PUBLICATION
FOR OFFICIAL USE ONLY

JUNE 10, 1955

POLIOMYELITIS AMONG VACCINATED INDIVIDUALS
(PSU Accepted Cases June 7 - June 8, 1955)

NEW

PSU CASE NO	Residence	Initials	Age	Sex	Date Inoc	Date 1st Symp	Date 1st Para	Site Inoc	Site 1st Para	Mfr	Lot No.	Remarks
Ga-3	Camilla	TK	12	M	4-30	5-30	NONE	LA	NONE	PD	?	CSF 110 Cells, non-paralytic
Ia-1	Dexter	MH	7	M	4-29	5-25	5-28	LA	RL	PD	028847-A	
Neb-3	Omaha	WB	7	M	5-3	5-31	?	?	?	PM	?	Bulbo-spinal paralytic
Mo-2	Armond	FB	7	M	4-26	5-21	5-21	?	Legs	PM	?	
NY-4	Uniondale	WI	7	M	5-24	6-4	None	?	None	PD	028850-B	CSF 102 Cells, non-paralytic
NY-5	Rome	TD	7	?	5-25	5-28	6-5	LA	RL	PD	029129-A	
Ore-5	Portland	MS	8	M	5-25	5-26	5-29	LA	RL	PD	028847-A	
Ill-4	Chicago	NK	6	M	5-6	5-27	None	LA	None	PD	?028863-B ?028846-B	CSF 451 Cells, non-paralytic
Ala-1	Briarfield	CO	8	F	4-21	5-24	None	?	None	L	5079 649338	CSF 350 Cells, non-paralytic
Ohio-4	Cheviot	CR	8	F	5-16	5-30	None	LA	None	L	?8124-649336 ?8125-649337	Non-paralytic

PSU CASE NO	Residence	Initials	Age	Sex	Date Incc	Date 1st Symp	Date 1st Para	Site Incc	Site 1st Para	Mfr	Lot No	Remarks
					REVISIONS Revised Items Underlined							
Mo-1	St. Louis	ES	4	M	4-14 4-21	4-21	4-24	RA RA	RA	C PD	? ?	
Ida-13	Strevell	GK	7	M	4-20	4-29	5-3	LA	LA	C	?E6039 ?E6058	Type 1 virus from case and 1 contact 6-3 (Rocky Mt. Lab.)

Code of Abbreviations:

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

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

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POLIOMYELITIS AMONG UNVACCINATED PERSONS GIVING HISTORY OF FAMILIAL
WHO HAVE RECEIVED POLIOMYELITIS VACCINE
(PSU Accepted Cases June 7-June 8, 1955)

Vaccinated Individuals

PSU CASE NO	Residence	Initials	Age	Sex	Date Inoc	Date Illness	Type Illness	Mfr	Lot No	Initials	Age
									NEW		
Miss-X3	Jackson	TW	7	M	4-19	5-13	Fever Headache	L	5080-649339	NW	1
N M-X3	Eddy County	?M	?	?	4-18	?	?	C	E6037	EM	4
		?M	?	?	4-18	?	?	C	E6037		
Ore-X3	Portland	CM	3	M	4-19	4-25	Fever	C	E5972	ECM	7
		?M	8	M	4-19	None	None	C	E5972		
Ohio-X5	Findlay	AY	6	M	4-27	5-17	Fever Sorethroat	W	23514	CY	3
Ill-X1	Lombard	?F	6	M	4-26	None	None	PD	?	MF	2
		?F	7	F	4-26	None	None	PD	?		
Ill-X2	Chicago	AL	6	M	4-28	?	?	PD	?028863-B ?028846-B	DD	4
							REVISIONS (Revised Items Underlined)				
Ala-X3	Ragland	JW	8	F	4-21	?	?	L	5079-649338	DW	5
Ala-X4	Cottondale	?B	?	F	4-18	5-27	Sore-Throat	L	5079-649338	SB	2
Md-X4	Prince Georges County	MR	7	F	4-25	5-2	Headache Malaire	W	23604	WR	4
Md-X6	Lutherville	MT	6	F	4-25	None	None	W	23606	RT	10

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CONTACT WITH INDIVIDUALS

Poliomyelitis Case (Not Vaccinated)

Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks
M	5-25	?	RL	
F	5-26	6-3	Legs	
M	5-12	None	None	Non-paralytic
M	5-27	5-28	RL	
M	5-25	?	Bulbar	
M	5-25	5-25	LL	DD is brother of AL
M	5-3	None	None	Type 1 virus from vaccinated contact and case 6-6 (Montgomery Lab)
F	5-27	5-31	RL	Type 1 virus from case 6-6 (Montgomery Lab)
M	5-21	5-22	RA	Type 1 virus from vaccinated individual and one other unvaccinated contact 6-6 (Dr. Habel)
F	5-14	None	None	CSF 40 cells, non-paralytic Type 1 VIRUS from vaccinated contact 5-31 (Dr. Habel)

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Vaccinated Individuals

PSU CASE NO	Residence	Initials	Age	Sex	Date Inoc	Date Illness	Type Illness	Mfr	Lot Nc	Initials
Ore-X2	Portland	TW	5	F	4-18	5-2	Fever	C	E5972	DW
		JW	2	M	4-18	4-25	Fever	C	E5972	
Ida-X1	Not a Family Contact Case - Changed to Ida-C4 (community contact case)									
Ida-X2	Kimberly	NM	7	F	4-20	4-30	Fever Headache	C	?E6039 ?E6058	KM
Ida-X3	Oxford	MK	7	M	4-19	None	None	C	?E6039 ?E6058	LK
Ida-X7	American Falls	JT	?	M	4-20	?	?	C	?E6039 ?E6058	TT
Ida-X16	Idaho Falls	?A	?	?	?	?	?	C	?E6039 ?E6058	RA
Ida-X21	McCammon	?H	8	F	4-20	?	Muscle Pain	C	?E6039 ?E6058	MH

JUNE 10, 1955

Poliomyelitis Case (Not Vaccinated)

Age	Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks
29	F	5-13	?	RL	Previously non-paralytic
10	F	5-12	None	None	CSF 102 cells, non-paralytic Type 1 virus from case, vaccinated contact, one unvaccinated contact 6-3 (Rocky Mt. Lab)
13	M	5-4	5-10	RL	Type 1 virus from vaccinated contact 6-3 (Rocky Mt. Lab)
5	M	5-12	5-15	Legs	Type 1 virus from case 6-2, from vaccinated contact and one unvaccinated contact 6-3 (Rocky Mt. Lab)
14	M	5-18	None	None	CSF abnormal, non-paralytic Type 1 virus from vaccinated and unvaccinated contacts 6-3 (Rocky Mt. Lab)
1	F	5-17	5-19	RL	Type 1 virus from case, vaccinated contact, one unvaccinated contact 6-3 (Rocky Mt. Lab)

POLIOMYELITIS AMONG UNVACCINATED PERSONS GIVING HISTORY OF COMMUNITY CONTACT WITH INDIVIDUALS WHO HAVE RECEIVED POLIOMYELITIS VACCINE

(PSU Accepted Cases June 7-June 8, 1955)

Vaccinated Individuals									Poliomyelitis Case (Not Vaccinated)						
PSU CASE NO	Residence	Initials	Age	Sex	Date Inoc	Date Illness	Type Illness	Mfr Lot No	Initials	Age	Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks
								NEW							
Ore-C2	Portland	NA	?	M	4-18	5-2	Fever	C E5972	RKM	3	F	5-27	5-29	LL	Playmate
Miss-C1	Hattiesburg	TW	7	M	4-19	5-13	Fever Headache	L 5080-649339	BLW	11	M	5-31	?	Bulbar	Cousin
Ida-C4	Mt. Home	TC	7	M	4-21	4-28	Fever Headache	C ?E6039 ?E6058	RC	1	F	5-9	5-12	RL	Playmate, Type 1 virus from vaccinated contact and 2 unvaccinated contacts 6-1 (Rocky Mt. Lab)
		?C	8	M	4-21	5-1	Fever Headache	C ?E6039 ?E6058							
								REVISIONS (Revised Items Underlined)							
Md-C1	Tawson	AL	1	F	4-16	None	None	C E6044	LO	32	F	5-18	5-23	RA	Patient daughter playmate of AL (AL is vaccinated contact of Md-X1) Type 1 virus from AL 5-23 Type 1 virus from patient. Daughter, and one other contact unvaccinated 5-30 (Dr. Habel)