

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

COMMUNICABLE DISEASE CENTER

EPIDEMIOLOGY BRANCH

POLIOMYELITIS SURVEILLANCE UNIT

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

A limited number of copies of the "Public Health Service Technical Report on Salk Poliomyelitis Vaccine" (June, 1955) are now available at the PSU. Single copies will be sent upon request to individuals on the PSU mailing list who have not already received this report.

The occurrence of minor illnesses among Cutter vaccinated children one to two weeks after inoculation has been discussed in previous PSU reports. Dr. Keith T. Maddy, Epidemic Intelligence Service Officer, reports similar observations from Arizona:

"Over the state there were several hundred children that were mildly ill for a few days after they received their inoculations with Cutter vaccine in April. Many showed fever, headache, and vomiting."

Approximately 50,000 inoculations of Cutter vaccine were given in NFIP clinics in Arizona during April. One accepted case of poliomyelitis in a Cutter vaccinated child (Ariz-2) has been reported from Arizona as well as three cases in parents and siblings of Cutter vaccinated children.

Announcement of the isolation of Type 1 poliomyelitis virus from a vial of Cutter vaccine (Lot Number E6058) by Dr. Louis Gebhardt appeared in PSU Report No. 25. Dr. E. John Bell, Rocky Mountain Laboratory, NIH, (Dr. Carl Larson, Chief) now reports a similar finding:

"Type 1 virus was isolated from the cord of monkey inoculated with Cutter vaccine Lot No. E6058 and from cord of monkey inoculated with Cutter vaccine Lot No. E6039. Both monkeys had paralysis and typical microscopic findings."

Poliomyelitis in Vaccinated Individuals

Poliomyelitis cases in vaccinated individuals accepted through June 22, 1955 are summarized in Tables 1, 2, and 3. Cases vaccinated May 7 or earlier, with onsets 30 days or less after vaccination, total 131; cases vaccinated May 7 or earlier with onsets 31 days or more after vaccination, total 22 (including four accepted this week); cases vaccinated May 8 or later total 14, including six accepted this week (See Tabular Summary for details).

In Table 6, "expected" and "reported" cases among children inoculated in NFIP clinics through May 7 are compared for the period April 16 through June 18; 13 cases were expected and 39 reported among Cutter vaccinated children, 76 expected and 51 reported among Lilly vaccinated children, 8 expected and 9 reported among Parke-Davis vaccinated children, 5 expected and 7 reported among Pitman-Moore vaccinated children, and 3 expected and 13 reported among Wyeth vaccinated children.

Table 7 shows the degree of correlation which exists between site of inoculation and site of first paralysis for cases receiving vaccine produced by different manufacturers. For paralytic cases where data is complete, 42 of 54 Cutter vaccinated cases showed correlation; 3 of 19 Lilly vaccinated cases showed correlation; 3 of 9 Parke-Davis vaccinated cases showed correlation; none of 3 Pitman-Moore vaccinated cases showed correlation; and 3 of 9 Wyeth vaccinated cases showed correlation.

Poliomyelitis in Parents and Siblings of Vaccinated Individuals

Cases accepted through 6-22-55 total 123 (Table 4), including 20 cases accepted since 6-15-55 (See Tabular Summary for details). Of the 20 cases accepted this week, 5 occurred in family contacts of Cutter vaccinated children, 2 in contacts of Lilly vaccinated children, 12 in contacts of Parke-Davis vaccinated children, and one in a contact of a Pitman-Moore vaccinated child.

Several new virus isolations are detailed in the Tabular Summary.

In Table 8, cases are broken down by manufacturers and interval between inoculation and onset of symptoms. The bulk of Cutter and Wyeth related cases had onsets 15 to 28 days after vaccination of the contact, whereas less than half of the Lilly, Pitman-Moore, and Parke-Davis related cases had onsets within this period.

Poliomyelitis in Community Contacts of Vaccinated Individuals

Cases accepted through 6-22-55 total 31, including four cases accepted since 6-15-55 (See Tabular Summary for details). Of the four new cases, two were associated with Lilly vaccine and one each with Pitman-Moore and Wyeth vaccines.

Current Morbidity Trends

Poliomyelitis incidence by week for the current poliomyelitis "season", with similar data for the three preceeding years, is presented in the figure, drawn from data published by the National Office of Vital Statistics. In late April and throughout May, incidence ran slightly above that for the three preceeding years. Early in June, the current incidence dropped to the levels of 1952 and 1953. This week for the first time, incidence has dropped below the past three years.

The drop in nationwide polio incidence mentioned in the preceeding paragraph is reflected by a sharp decrease in cases reported from Ohio, North Carolina, South Carolina, Georgia, Mississippi, Idaho, Washington, and California.

This year's poliomyelitis incidence by States for the weeks ending May 14 through June 18 is presented in the accompanying table together with a six week total for this and the three past years.

(This Summary Report has been prepared by Dr. Neal Nathanson, and Dr. Jack Hall. Special assistance in the calculations in Table 6 and on the figure and table describing current morbidity trends was provided by Dr. R. E. Serfling, Mrs. Ida Sherman, and Mr. Jack Karush.)

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6-24-55
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Table 1
 Vaccinated Cases Inoculated April 13 to May 7, 1955, by State and Manufacturer**
 All Cases with Onset 30 Days or Less after Inoculation
 (PSU Accepted Cases through June 22, 1955)

State	C		L		PD		PM		W		Total
	P*	NP*	P	NP	P	NP	P	NP	P	NP	
Arkansas			2								2
Arizona	1										1
California	27	7									34
Colorado	1		1								2
Connecticut		1									1
Delaware									2		2
Georgia	1		2		1						4
Hawaii	1										1
Idaho	16	1									17
Illinois	1				2	1					4
Indiana			1								1
Iowa					1						1
Kansas							1				1
Louisiana	1		3	2							6
Maryland									2		2
Mississippi			2								2
Missouri	1						1				2
Nebraska							2	1			3
Nevada	3	1									4
New York		1									1
Ohio	1								1	1	3
Oregon	3										3
Pennsylvania									4	2	6
South Carolina			1								1
Tennessee				2							2
Texas	1		2	11							14
Virginia				5							5
Washington	1										1
West Virginia			4								4
Wyoming	1										1
Sub-Totals	60	11	16	22	3	2	3	2	9	3	
Totals	71		38		5		5		12		131

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

Table 2

Vaccinated Cases Inoculated April 13 to May 7, 1955, by State and Manufacturer**
 All Cases with Onset 31 Days or More after Inoculation
 (PSU Accepted Cases through June 22, 1955)

State	C		L		PD		PM		W		Total
	P*	NP**	P	NP	P	NP	P	NP	P	NP	
Alabama				1							1
Idaho	1	1									2
Illinois					1	1					2
Iowa						1					1
Maryland									1		1
Michigan						1					1
Mississippi				1							1
Missouri							1				1
Nebraska							1				1
S. Carolina			1								1
Tennessee			1	2							3
Texas			1	5							6
Virginia				1							1
Sub-Totals	1	1	3	10	1	3	2	0	1	0	
Totals	2		13		4		2		1		22

Table 3

Vaccinated Cases Inoculated after May 7, 1955, by State and Manufacturer**
 All Cases with Onset 30 Days or Less***after Inoculation
 (PSU Accepted Cases through June 22, 1955)

State	C		L		PD		PM		W		Total
	P*	NP*	P	NP	P	NP	P	NP	P	NP	
Massachusetts					1						1
New York					3	4					7
Ohio				1							1
Oregon					1						1
Texas			1								1
Washington						1					1
Wisconsin						1					1
Sub-Totals	0	0	1	1	5	6	0	0	0	0	
Totals	0		2		11		0		0		13

* P - Paralytic; NP - Non-paralytic

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

*** Does not include case NY-9, non-paralytic, Parke-Davis, inoculated after May 7 with onset 31 days after inoculation.

Table 4
Poliomyelitis in Parents and Siblings of Vaccinated Individuals
 (PSU Accepted Cases Through June 22, 1955)

State	Manufacturer**												Relationship to Vaccinated Individual			Health of Vaccinated Individual		
	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	P	NP						
Alabama			5	2										7		1	6	
Arkansas				1										1			1	
Arizona		3															3	
California	8	1								2				5	5	1	2	7
Colorado	2		1											2	1		3	
Dist of Col.					1										1		1	
Georgia	3		1										3	1		2	2	
Hawaii	2													2		1	1	
Idaho	19	6											3	22		3	5	17
Illinois							5	1					2	4			5	1
Iowa								2						2		2		
Louisiana	1												1					1
Maryland	1				6	2							1	7	1	3	5	1
Minnesota							1	3					1	3			3	1
Mississippi			3											3		2	1	
Montana	1												1			1		
Nevada	3	1											1	3		1	3	
New Mexico	2	1												3		1	1	1
New York							5	2					3	4			4	3
Ohio	1		2	1	2	1							3	4		2	5	
Oregon	2	1					2	1					4	2		2	2	2
Pennsylvania					1								1					1
Tennessee	1												1			1		
Texas	1		5										3	3			6	
Virginia			1	1										2			1	1
Washington	2	1											2	1		1	1	1
Sub-Totals	49	14	18	5	10	3	13	9	0	0	2	0	39	82	2	25	61	37
Totals		63		23		13		22		0		2		123			123	

*P - Paralytic; NP - Non-paralytic; **C - Cutter; L - Lilly; W - Wyeth; PD - Parke-Davis; PM - Pitman-Moore
 ***PSU Cases No. Cal-X9 and Cal-X10 had contact with individual(s) who received two inoculations, with vaccine produced by two different manufacturers, prior to illness of case.

Table 5

Poliomyelitis in Community Contacts of Vaccinated Individuals
(PSU Accepted Cases Through June 22, 1955)

State	C		L		W		PD		PM		Age of Case (Unvaccinated)			Health of Contact (Vaccinated)		
	P*	NP*	P	NP	P	NP	P	NP	P	NP	Under 18	18 and Over	No Data	Ill	Not Ill	No Data
Alabama	1		1								1	1		1	1	
Arkansas			1									1				1
California	2										2					2
Florida			1								1			1		
Georgia			1								1				1	
Idaho	2	1									3			2		1
Illinois							1				1					1
Maryland	4	1			2						5	2			5	2
Minnesota	1										1			1		
Mississippi			2								2			2		
Missouri									1		1				1	
Oregon	2										2			2		
Pennsylvania					2	3					5			3	2	
Virginia	1										1					1
Washington	1										1				1	
Sub-Totals	14	2	6	0	4	3	1	0	0	1	27	4	0	12	11	8
	16		6		7		1		1			31			31	

*P - Paralytic; NP - Non-paralytic

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

Table 6

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 22, 1955)

Vaccine Mfr.***	Number Vaccinated	Cases	Total	Onset in Week Ending				Total*****
			Apr. 16 June 4	June 11	June 18	June 25	July 2	Apr. 16 June 18
Cutter	308,748	Exp'd.	8	2	3	2	3	13
		Rep'd.	38	1	-	-	-	39
Lilly****	2,513,962	Exp'd.	41	15	20	22	28	76
		Rep'd.	50	1	-	-	-	51
Parke- Davis****	834,148	Exp'd.	5	1	2	4	4	8
		Rep'd.	8	1	-	-	-	9
Pitman- Moore	410,648	Exp'd.	3	1	1	2	3	5
		Rep'd.	7	-	-	-	-	7
Wyeth	775,920	Exp'd.	2	0-1	1	2	3	3
		Rep'd.	13	-	-	-	-	13

* 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 18 and excluding those vaccinated after May 7, 1955.

*** CUTTER vaccine was 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, and parts of Ohio, California and Colorado. PARKE-DAVIS vaccine was used in Michigan, Illinois, Iowa, Wyoming, Utah, and part of Colorado. PITMAN-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.

**** Two Lilly associated and 1 Parke-Davis associated cases were inoculated after May 7 and are omitted.

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

	C	L	PD	PM	W
P	30	18	4	5	10
NP	9	33	5	2	3
Total	39	51	9	7	13

Table 7

Cases by Site of Inoculation
 Site of First Paralysis, and Manufacturer
 (PSU Accepted Cases through June 22, 1955)

Site of Inoculation	Site of First Paralysis	Manufacturer					Monkey Data (Bodian)
		C**	L	PD	PM	W	
Paralytic Cases							
Left Arm	Left Arm	28	2	3		3	
Right Arm	Right Arm	4	1				
Left Leg	Left Leg	3					
Right Leg	Right Leg	7					23 ¹
Arm	Other Arm	2	1				
Arm	Leg	6	10	2	3	3	
Arm	Bulbar	2	4	4		3	
Arm	Trunk	1	1				
Leg	Other Leg	1					
Leg	Other Site						9 ²
Non-paralytic Cases		13	32	12	2	3	
Data Incomplete		6	2		2	1	
Totals		73	53	21	7	13	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 - Pitman-Moore; PD - Parke-Davis

Table 8

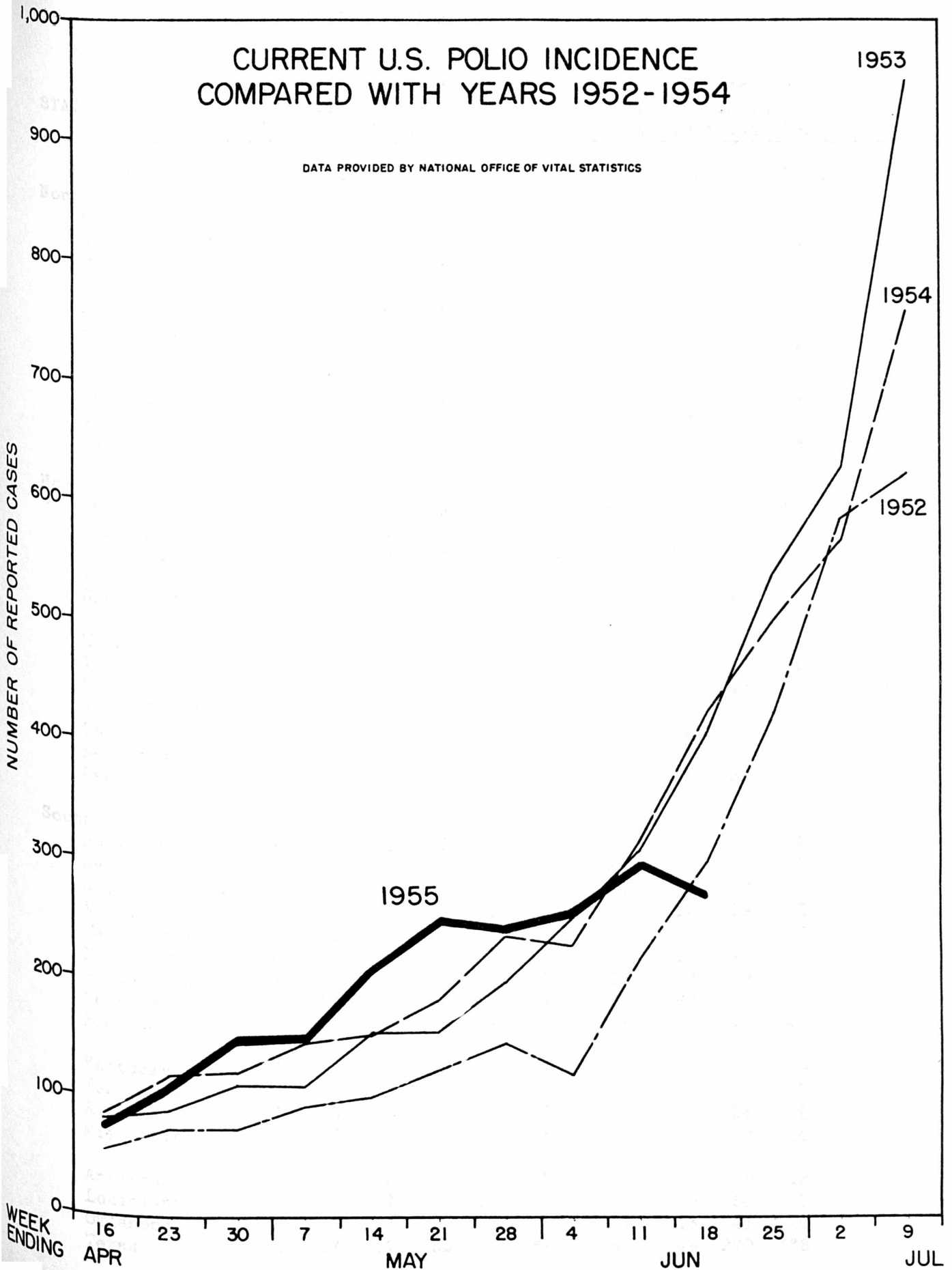
Poliomyelitis Cases Associated with Vaccinated Persons
by Interval between Inoculation and onset of Symptom
(PSU Accepted Cases through June 22, 1955)

Manufacturer	Interval in Days Between Inoculation and Onset of Symptoms								NO Data	Totals		
	0-3	4-7	8-14	15-21	22-28	29-35	35-42	43-49				
Cases in Vaccinated Individuals												
Cutter	P	2	34	20	2	1	1		1	61	73	
	NP		2	5	4	1				12		
Lilly	P	2	4	4	4	3		1	2	20	53	
	NP	2	2	5	3	9	9	2	1	33		
Wyeth	P	1	1	2	4		3	1		10	13	
	NP			1	2					3		
Pitman- Moore	P		1			2	2			5	7	
	NP	1		1						2		
Parke- Davis	P	2		4		1	1	1		9	21	
	NP	2		2	3	1	3	1		12		
Cases in Family Contacts of Vaccinated Individuals*												
Cutter	P	1		3	18	14	1	6	1	5	49	63
	NP			3		8	1	1		1	14	
Lilly	P		1	5	1	5	2	2	2	18	23	
	NP			1		1	1	1	1	5		
Wyeth	P				4	2	3			1	10	13
	NP				2			1		3		
Pitman- Moore	P									0	0	
	NP									0		
Parke- Davis	P	1		6	1	3	2			13	22	
	NP			2	5	1		1		9		
Cases in Community Contacts of Vaccinated Individuals*												
Cutter	P				2	3	4	4		1	14	16
	NP						1		1	2		
Lilly	P					2		2	2	6	6	
	NP									0		
Wyeth	P		1	1						2	4	7
	NP			1	2					3		
Pitman- Moore	P									0	1	
	NP								1	1		
Parke- Davis	P					1				1	1	1
	NP									0		

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

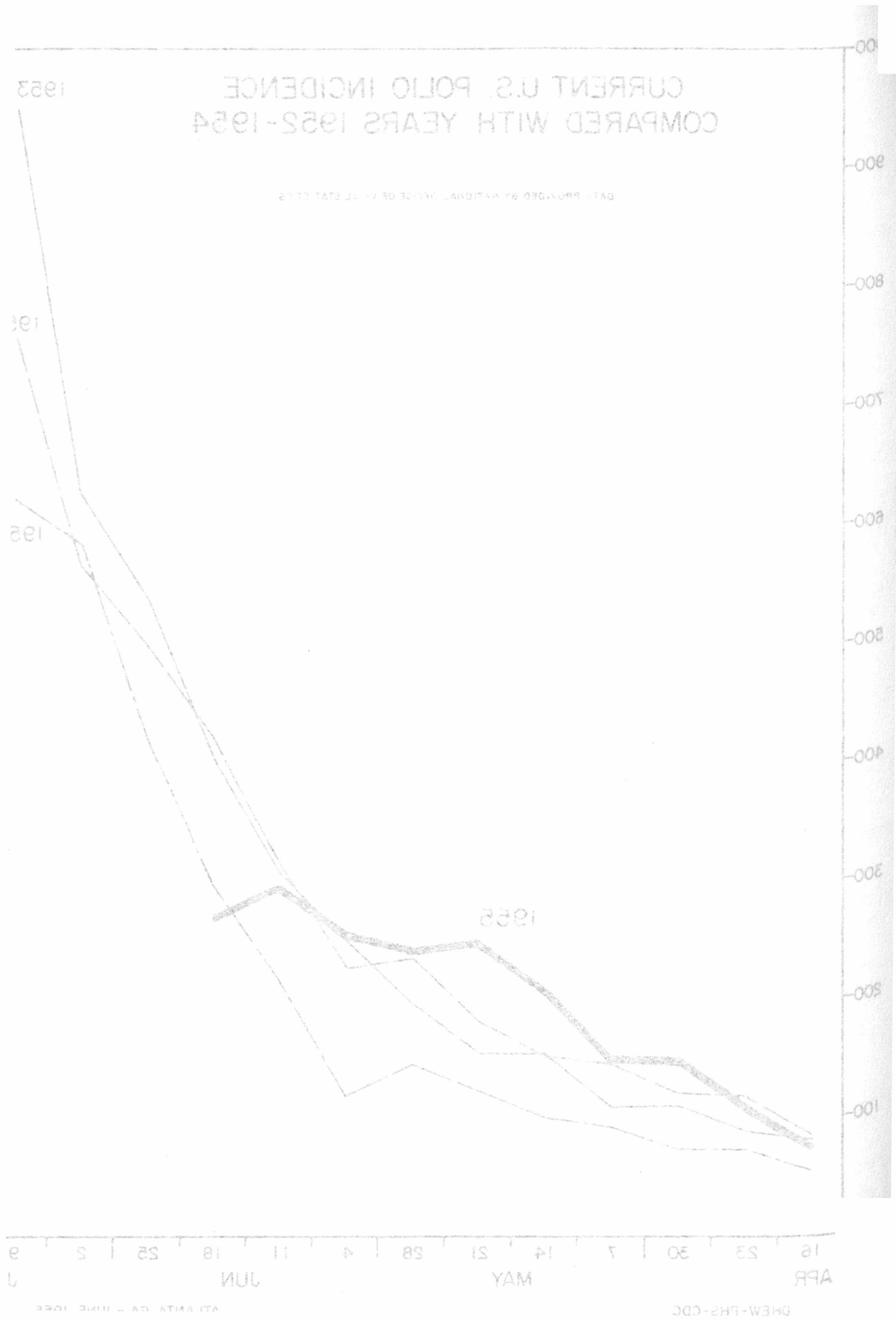
CURRENT U.S. POLIO INCIDENCE COMPARED WITH YEARS 1952-1954

DATA PROVIDED BY NATIONAL OFFICE OF VITAL STATISTICS



CURRENT U.S. POLIO INCIDENCE COMPARED WITH YEARS 1952-1954

DATA PROVIDED BY NATIONAL BUREAU OF VITAL STATISTICS



TREND OF 1955 POLIOMYELITIS INCIDENCE

STATE	Cases Reported to NOVS*						Comparable			
	During Week Endings:						6 Wk. Totals in:			
	5/14	5/21	5/28	6/4	6/11	6/18	Total	1954	1953	1952
United States	206	246	240	251	300	266	1509	1529	1464	1001
North East										
Maine	-	-	-	1	-	1	2	-	7	2
New Hampshire	-	-	-	-	-	-	-	2	6	1
Vermont	-	-	-	-	1	-	1	-	-	-
Massachusetts	1	-	-	-	1	2	4	3	11	6
Rhode Island	1	1	-	-	-	-	2	-	-	-
Connecticut	-	-	-	-	-	-	-	7	10	1
New York	12	10	18	11	21	19	91	28	65	24
New Jersey	1	-	2	5	6	2	16	7	10	3
Pennsylvania	10	10	3	9	7	8	47	9	15	8
North Central										
Ohio	2	5	6	9	20	4	46	43	44	20
Indiana	7	2	1	2	2	3	17	9	20	8
Illinois	7	9	9	5	8	9	47	20	30	18
Michigan	10	5	4	3	11	9	42	51	22	9
Wisconsin	-	4	5	5	7	3	24	15	11	9
Minnesota	2	5	3	5	2	3	20	7	47	8
Iowa	3	4	6	2	4	4	23	25	27	16
Missouri	2	1	1	4	3	3	14	17	45	10
North Dakota	1	-	-	1	1	1	4	2	5	4
South Dakota	-	-	6	2	-	3	11	2	4	8
Nebraska	3	4	3	1	2	-	13	17	18	6
Kansas	2	-	3	2	-	5	12	15	25	7
South										
Delaware	2	2	5	3	2	1	15	1	-	2
Maryland	-	2	7	3	5	4	21	4	7	1
District of Col.	-	-	2	-	1	-	3	1	3	1
Virginia	4	5	4	2	3	4	22	17	19	5
West Virginia	4	3	2	1	3	-	13	12	16	15
North Carolina	4	2	4	-	6	1	17	13	47	9
South Carolina	1	4	1	1	5	1	13	28	9	3
Georgia	9	11	3	5	5	1	34	63	39	14
Florida	5	7	6	15	9	29	71	133	42	48
Kentucky	1	2	6	9	6	-	24	16	16	9
Tennessee	-	-	3	4	3	4	14	17	31	13
Alabama	1	3	3	9	4	9	29	44	96	8
Mississippi	8	3	4	8	9	5	37	38	47	56
Arkansas	2	4	2	6	3	7	24	35	28	12
Louisiana	4	10	11	6	10	14	55	60	54	60
Oklahoma	-	5	1	-	3	5	14	43	41	14
Texas	19	37	37	52	52	62	259	348	270	338

STATE	Cases Reported to NOVS*						6 Wk. Total	Comparable Totals in:		
	5/14	5/21	5/28	6/4	6/11	6/18		1954	1953	1952
West										
Montana	-	3	1	-	-	-	4	1	4	1
Idaho	9	15	22	4	11	3	64	4	2	9
Wyoming	2	-	-	-	-	-	2	3	5	1
Colorado	3	12	5	5	2	3	30	12	17	8
New Mexico	1	1	-	1	1	-	4	7	4	4
Arizona	1	5	1	3	1	1	12	22	18	16
Utah	1	-	1	-	1	1	4	6	8	5
Nevada	5	2	-	2	7	5	21	8	-	2
Washington	4	4	5	2	9	2	26	15	10	22
Oregon	7	4	6	4	4	4	29	10	13	6
California	45	40	28	39	39	21	212	289	196	151

* National Office of Vital Statistics

POLIOMYELITIS AMONG VACCINATED INDIVIDUALS
(PSU Accepted Cases June 16-June 22, 1955)

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
NEW												
SC-2	Florence City	MJ	7	F	4-22	6-10	?	LA	Arms	L	7079- 649341	
Ida-20	Tensed	FO	8	F	4-22	6-7	None	?	None	C	E6039 E6058	
Tex-21	Houston	CC	5	F	5-19	6-1	6-8	LA	Bulbar	L	7078- 649343	
Tenn-4	Chattanooga	GS	6	M	4-28	5-28	None	LA	None	L	7080- 649342	Spinal fluid 62 cells
Tenn-5	Memphis	GWH	7	M	4-27	5-30	6-10	RA	RA	L	7079- 649341	
Neb-4	Omaha	JF	6	M	5-3	6-3	?	LA	?	PM	07? 09?	Weakness LL and RL
NY-7	Fairport	JR	8	M	5-25	6-12	None	RA	None	PD	029128C	Spinal fluid 335 cells
NY-8	New York	RW	7	M	5-23	6-1	6-6	LA	Palate	PD	02 9128C	
NY-9	Greenwich	JM	8	M	5-26	5-26	None	RA	None	PD	029128C	
Wisc-1	Kaukauna	DMC	8	M	5-23	6-17	None	LA	None	PD	029127A	
Mass-1	Boston	AM	6	M	5-23	6-16	6-16	LA	LA	PD	?	

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
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REVISIONS
Revised Items Underlined

Cal-16 DELETED 6/15-- Not Polio.

Ore-4 Dropped - Same as Ore-5

La-2	Monroe	BS	6	F	4-21	4-22	None	Arm	None	L	5081 ?	Type 2 virus isolated (5-19) Fox. <u>Type 2 virus from 2 siblings (6-20)</u>
La-3	New Orleans	EAD	2	M	4-26	5-1	5-3	LA	RA	C	E5973	Bulbar died 5-4 Type 1 from pt (5-7) Fox <u>Type 1 from sibling (6-20)</u>
Ida-17	Paul	JG	7	F	4-19	5-14	5-21	?	<u>LL</u>	C	?E6058 ?E6039	<u>Type 1 virus (6-21) (Gebhardt).</u>
Ariz-2	Maricopa	LH	7	F	4-25	5-17	<u>5-24</u>	<u>LA</u>	<u>Trunk</u>	C	E5928	
Wash-2	Seattle	GR	7	M	5-19	6-6	<u>None</u>	?	<u>None</u>	PD	029127A	<u>CSF 490 Cells Non- paralytic</u>
Ore-2	Portland	SJ	11	F	4-15	4-29	4-29	LA	Legs	C	E5972	<u>Type 1 virus 6-21</u>
NY-1	Tarrytown	TG	5	F	4-16	5-1	<u>None</u>	LA	<u>None</u>	C	E6044	

POLIOMYELITIS AMONG UNVACCINATED PERSONS GIVING HISTORY OF FAMILIAL CONTACT WITH INDIVIDUALS
WHO HAVE RECEIVED POLIOMYELITIS VACCINE
(PSU Accepted Cases June 16-June 22, 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
									<u>NEW</u>							
NY-X4	Greece	?G	?	?	5-25	?	?	PD	029128C	CRG	14	M	6-7	?6-9	bulbar	Sl. weakness palate only
		?G	?	?	"	?	?		"							
		?G	?	?	"	?	?		"							
NY-X5	Wurtsboro	FM	?	?	5-19	?	?	Pd	029128C	DM	27	F	6-12	None	None	Spinal fluid 25 cells (Mother NY-X2)
NY-X6	Levittown	?M	?	?	5-26	None	None	FD	028861B	LM	35	F	6-8	?	Legs, RA	
NY-X7	Amherst	?S	?	M	5-31	?	?	PD	129129A	MS	30	F	6-11	?-	Leg	
Ida-X26	Boise	?	7	F	4-22	?	?	C	E6039	WJ	6	M	6-9	6-10	LL	
									E6058							
Ala-X7	Uniontown	FJ	6	M	4-20	None	None	L	5079-	LJ	3	M	6-5	6-9	Legs, arms, & trunk	
									64-9338							
Minn-X1	St. Paul	SW	7	F	5-24	?	?	PD	028849A	JW	34	F-	6-8	None	None	
Minn-X2	Stearns Co.	?G	?	F	5-25	None	None	PD	029126A	KG	10	?	6-13	None	None	CSF 30 cells, non-paralytic Father had stiff neck and back about 6-10.
Minn-X3	Hennepin Co.	CK	?	F	5-25	None	None	FD	028849A	EK	12	M	6-14	None	None	CSF 15 cells, non-paralytic Unvaccinated brother had fever, 6-21.
Minn-X4	St. Paul	SK	7	F	5-24	None	None	PD	028849A	JK	13	M	6-17	?	bulbar	
Ore-X4	Lalem	?	?	?	5-24	?	?	PD	?	SH	19	M	5-21	5-25	RL	
Ore-X5	Portland	?	?	?	5-27	?	?	FD	028847A	CP	9Mos.	F	6-5	6-7	RA	
					6-9									6-11		
Ore-X6	Portland	LMcA, Jr.	8	M	5-23	None	None	PD	028847A	GMcA	6	F	6-2	None	None	CSF 24 cells, non-paralytic
MD-X9	Bowie	CP	7	F	?	None	None	W	236?	VP	1	F	6-2	6-3	?	Exact site paralytic not yet known.

FAMILIAL CONTACTS (CONTINUED)

VACCINATED INDIVIDUALS

POLIO 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	Date 1st Para	Remarks
Va-X2	Alexandria	?C ?C	7 8	M M	4-29 4-29	? ?	? ?	L L	8122-649334 8122-649334	KC	1	F	5-31	?	Rt facial	Type 1 virus from stool of patient and 2 unvaccinated contacts.
La-X1	New Orleans	JT	1	M	4-26	?	?	C	E5973	DT	33	M	5-18	?	?	Bulbar-spinal. Type 1 virus from JT(6-20) (Potash).
TH-X2	Hilo City	JK	6	M	4-25	None	None	C	?E6038 ?E6058	DK	4	M	6-1	6-6	LA	
Ariz-X3	Maricopa	PO	7	F	4-26	None	None	C	?	RO	9	M	6-1	None	None	
Wash-X3	Spokane	3 siblings	?	?	?	?	?	C	?	PB	4	F	5-9	5-11	LL	
Ill-X6	Downers Grove	TM	7	M	4-26	None	None	PD	028863B	MM	40	F	5-16	None	None	Spinal Fluid 12 cells
REVISIONS (Revised Items Underlined)																
Ala-X3	Ragland	JW	8	F	4-21	5-16	Tonsillitis	L	<u>5079-</u> 649338	DW	5	M	5-3	None	None	Type 1 from vaccinated contact (6-15) Montgomery
Ida-X3	Oxford	MK	7	M	4-19	None	None	C	?E6039 ?E6058	LK	13	M	5-4	5-10	RL	Type 1 virus from vaccinated contact 6-3 and from unvaccinated sister 6-14 (Rocky Mt. Lab.)
Ariz-X2	Maricopa	RB	7	M	4-26	<u>None</u>	<u>None</u>	C	?E5976 ?E6037	GB	26	M	5-19	None	None	CSF 200 cells, non-paralytic.
Md-X4	Prince Georges Co	MW	7	F	4-18	?4-25	Malaise	W	236?	RW	4	M	5-21	5-22	RA	Type 1 virus from case (6-2) NIH
MD-X7	ParKville	JM	7	F	?	5-26	Stomach Ache	W	23606	JM	3	M	5-27	5-29	LL	Type 1 virus from unvaccinated contacts (6-14) NIH, Type 1 from vaccinated contact (6-21) NIH
Ore-X2	Portland	<u>JW</u>	3	M	4-18	4-27	Fever	C	E5972	DW	29	F	5-13	None	None	Type 1 virus from case and contact (6-21)
Ore-X3	Portland	CM HM	3 8	M M	4-19 4-19	4-25 None	Fever None	C C	E5972 E5972	EM	7	M	5-12	None	None	Type 1 virus from case 1 vaccinated and 1 unvaccinated contact (6-21)
NY-X3	Yonkers	PH	7	M	5-20	None	None	PD	029128C	MH	2	F	5-30	6-3	LL	
Ala-X6	Montgomery	ATL	9	F	4-19	None	None	1/2 L	5079-64-9338	JRL	2	M	6-3	6-10	L Facial	

Table 1

Vaccinated Cases Inoculated April 13 to May 7, 1955, by State and Manufacturer**
 All Cases with Onset 30 Days or Less after Inoculation
 (PSU Accepted Cases through June 29, 1955)

State	C		L		PD		FM		W		Total
	P*	NP*	P	NP	P	NP	P	NP	P	NP	
Arkansas				3							3
Arizona	1										1
California	28	8									36
Colorado	1		1								2
Connecticut		1									1
Delaware									2		2
Georgia	1		2			1					4
Hawaii	1										1
Idaho	16	1									17
Illinois	1				1	1					3
Indiana			1								1
Iowa					1						1
Kansas								1			1
Louisiana	1		3	2							6
Maryland									2		2
Mississippi			1								1
Missouri	1						1				2
Nebraska							2	1			3
Nevada	3	1									4
New York		1									1
Ohio	1								1	1	3
Oregon	3										3
Pennsylvania									4	2	6
South Carolina			1								1
Tennessee				2							2
Texas	1		2	11							14
Virginia				5							5
Washington	1										1
West Virginia			4								4
Wyoming	1										1
Sub-Totals	61	12	15	23	2	2	3	2	9	3	
Totals	73		38		4		5		12		132

*

**

P - Paralytic; NP - non-paralytic

C - Cutter; L - Lilly; PD - Parke-Davis; Pm - Pitman-Moore;

W - Wyeth

Table 2

Vaccinated Cases Inoculated April 13 to May 7, 1955, by State and Manufacturer**
 All cases with Onset 31 days or More after Inoculations
 (PSU Accepted Cases through June 29, 1955)

State	C		L		FD		FM		W		Total
	P*	NP*	P	NP	P	NP	P	NP	P	NP	
Alabama				1							1
Idaho	1	1									2
Illinois					1	1					2
Iowa						1					1
Maryland									1		1
Michigan						1					1
Mississippi				1							1
Missouri								1			1
Nebraska								1			1
S. Carolina			1								1
New York			1								1
Tennessee			2	2							4
Texas			1	7							8
Virginia				2							2
Utah					1						1
Sub-Totals	1	1	5	13	2	3	2	0	1	0	
Totals	2		18		4		2		1		28

Table 3

Vaccinated Cases Inoculated After May 7, 1955, by State and Manufacturer**
 All Cases with Onset 30 Days or Less***after Inoculation
 (PSU Accepted Cases through June 29, 1955)

State	C		L		PD		PM		W		Total
	P*	NP**	P	NP	P	NP	P	NP	P	NP	
Massachusetts					1						1
New York					5	4					9
Ohio				1							1
Oregon					1						1
Texas			1								1
Washington						1					1
Wisconsin						1					1
New Mexico				1****							1
Minnesota						1					1
California				1	1	1	1				4
Sub-Totals	0	0	1	3	8	8	1	0	0	0	
Totals	0		4		16		1		0		21

* P - Paralytic; NP - Non-paralytic

** C - Cutter; L - Lilly; Pd-Parke-Davis; PM - Pitman-Moore; W - Wyeth

*** Does not include case NY-9, non-paralytic, Parke-Davis, inoculated after May 7 with onset 31 days after inoculation.

****Also had inoculation of Cutter vaccine about 6 weeks or more before 2nd inoculation; onset followed 2nd inoculation.

Table 4
 Poliomyelitis in Parents and Siblings of Vaccinated Individuals (PSU Accepted Cases Through June 29, 1955)

State	Manufacturer**													Relationship to Vaccinated Individual			Health of Vaccinated Individual		
	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	P	NP							
Alabama			6	2										8		1	7		
Arkansas				1										1			1		
Arizona		3											2	1			3		
California	22	7		1			2	2			5	2	16	24	1	11	3	27	
Colorado	2		1										2	1			3		
Dist of Col.					1									1			1		
Georgia	3		1										3	1		2	2		
Hawaii	2													2		1	1		
Idaho	19	6											3	22		3	5	17	
Illinois							5	1					2	4			5	1	
Iowa								2						2		2			
Kentucky									2					2			2		
Louisiana	1												1					1	
Maryland	1				6	2							1	7	1	3	5	1	
Minnesota							1	3					1	3			3	1	
Mississippi			4											4		2	1	1	
Montana	1												1			1			
Nevada	3	1											1	3		1	3		
New Mexico	3	1												4		1	2	1	
New York							6	2					3	5			5	3	
Ohio	1		2	1	2	1							3	4		2	5		
Oregon	2	1					1	1					4	1		2	2	1	
Pennsylvania					1								1					1	
Puerto Rico								1						1			1		
Tennessee	1												1			1			
Texas	1		5										3	3			6		
Utah								1					1					1	
Virginia			2	1										3				3	
Washington	2	1											2	1		1	1	1	
Sub-Totals	64	20	21	6	10	3	17	11	2	0	5	2	51	108	2	34	67	60	
Totals		84		27		13		28		2		7		161				161	

P* - Paralytic; NP* - Non-paralytic; **C - Cutter; L - Lilly; W - Wythe; FD - Parke Davis; PM - Pitman-Moore
 *** Seven California cases (X9, X10, X15, X33, X35, X39, and X40) had contact with an individual or individuals having inoculations of vaccine from two different manufacturers.

Table 5

Poliomyelitis in Community Contacts of Vaccinated Individuals
(PSU Accepted Cases Through June 29, 1955)

State	C**		L		W		PD		PM		Age of Case (Unvaccinated)			Health of Contact (Vaccinated)		
	P*	NP*	P	NP	P	NP	P	NP	P	NP	Under 18	18 and Over	No Data	Ill	Not Ill	No Data
Alabama	1		1								1	1		1	1	
Arkansas			1									1				1
California	2										2					2
Florida			1								1			1		
Georgia			1								1				1	
Idaho	3	1									4			2		2
Illinois							1				1					1
Maryland	4	1			2						5	2			5	2
Minnesota	1										1			1		
Mississippi			1								1			1		
Missouri										1					1	
Oregon	2										2			2		
Pennsylvania					2	3					5			3	2	
Virginia	1										1					1
Washington	2										2			1	1	
Sub-Totals	16	2	5	0	4	3	1	0	0	1	28	4	0	12	11	9
Totals		18		5		7		1		1		32			32	

*P - Paralytic; NP - Non-paralytic

**C - Cutter; L - Lilly; W - Wythe; PD - Parke-Davis; PM - Pitman-Moore

Table 6

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 29, 1955)

Vaccine Mfr.*** and Number Vaccinated	Cases	Onset in Week Ending										
		Apr. 23	Apr. 30	May 7	May 14	May 21	May 28	June 4	June 11	June 18	June 25	July 2
Cutter 309,000	Expected	1	1	1	1	2	1	1	2	3	2	3
	Total	8	14	13	3	2	-	-	1	-	-	-
	Rep'd. P	7	14	8	1	2						
	NP	1		5	2				1			
Lilly 12,514,000	Expected	3	4	4	6	6	7	11	15	20	22	28
	Total	4	5	6	10	11	12	2	2	4	-	-
	Rep'd. P	3	2	2	2	4	2	1	1	2		
	NP	1	3	4	8	7	10	1	1	2		
Parke-Davis 834,000	Expected	0-1	0-1	0-1	0-1	1	1	1	1	2	4	4
	Total	-	-	-	-	1	4	2	1	1	-	-
	Rep'd. P					1	1	1		1		
	NP						3	1	1			
Pitman-Moore 411,000	Expected	0-1	0-1	0-1	0-1	0-1	0-1	1	1	1	2	3
	Total	-	-	1	2	1	-	3	-	-	-	-
	Rep'd. P				1	1		3				
	NP			1	1							
Wyeth 776,000	Expected	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	1	2	3
	Total	-	1	2	4	1	1	1	-	-	-	-
	Rep'd. P		1	2	2	3	1	1				
	NP				2	1						

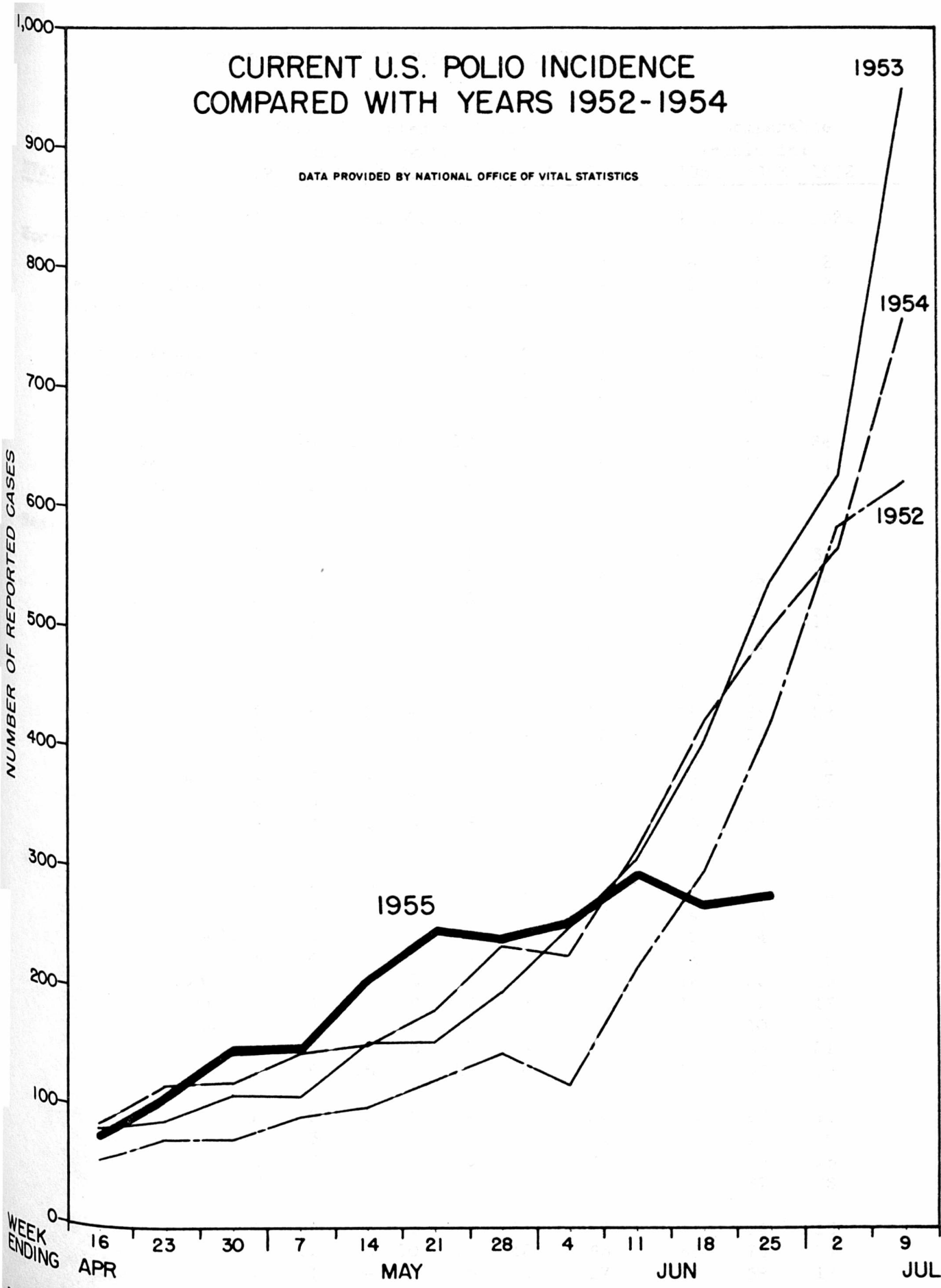
* Expected Cases estimated from weekly 5-year medians of cases of poliomyelitis (paralytic and non-paralytic) reported to National Office of Vital Statistics by the States.

** Reported Cases, both paralytic and non-paralytic, and accepted by PSU, for ages, 6, 7, or 8 having onsets between April 16 and June 29 and excluding those vaccinated after May 7, 1955.

*** CUTTER vaccine was 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, and parts of Ohio, California and Colorado. PARKE-DAVIS vaccine was used in Michigan, Illinois, Iowa, Wyoming, Utah, and part of Colorado. PITMAN-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.

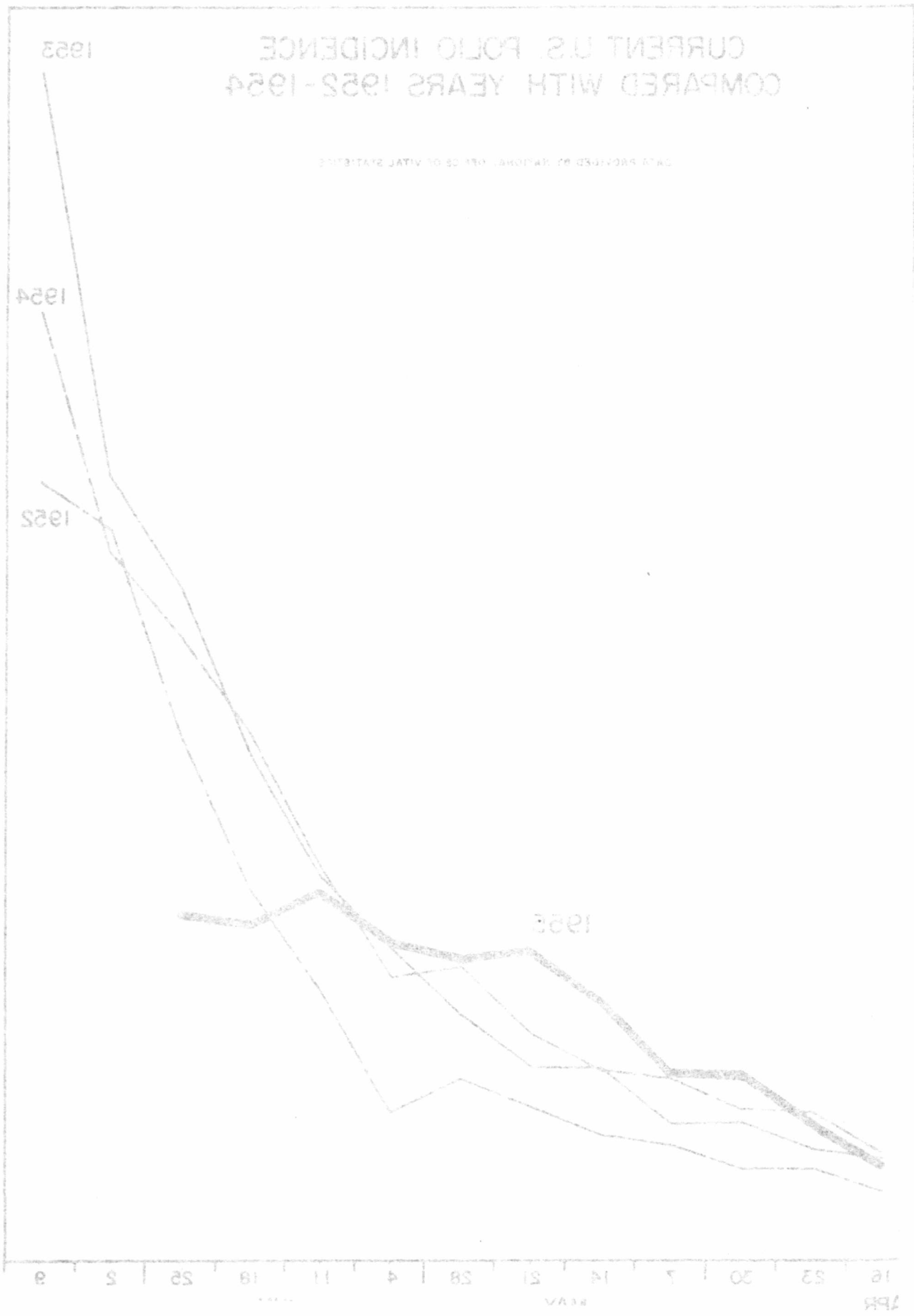
CURRENT U.S. POLIO INCIDENCE COMPARED WITH YEARS 1952-1954

DATA PROVIDED BY NATIONAL OFFICE OF VITAL STATISTICS



CURRENT U.S. POLIO INCIDENCE COMPARED WITH YEARS 1952-1954

DATA PROVIDED BY NATIONAL BUREAU OF VITAL STATISTICS



TREND OF 1955 POLIOMYELITIS INCIDENCE

STATE	Cases Reported to NOVS* During Week Endings:						6 Wk. Total	Comparable Totals in:		
	5/21	5/28	6/4	6/11	6/18	6/25		1954	1953	1952
United States	246	240	251	300	266	277	1580	1877	1850	1321
North East										
Maine	-	-	1	-	1	1	3	-	5	2
New Hampshire	-	-	-	-	-	-	-	2	9	2
Vermont	-	-	-	1	-	1	2	1	-	-
Massachusetts	-	-	-	1	2	4	7	6	12	7
Rhode Island	1	-	-	-	-	1	2	1	2	-
Connecticut	-	-	-	-	-	-	-	15	16	1
New York	10	18	11	21	19	16	95	35	86	34
New Jersey	-	2	5	6	2	4	19	9	13	4
Pennsylvania	10	3	9	7	8	10	47	15	25	7
North Central										
Ohio	5	6	9	20	4	12	56	48	62	36
Indiana	2	1	2	2	3	4	14	16	24	12
Illinois	9	9	5	8	9	13	53	27	45	21
Michigan	5	4	3	11	9	9	41	72	33	11
Wisconsin	4	5	5	7	3	4	28	21	14	13
Minnesota	5	3	5	2	3	6	24	11	56	11
Iowa	4	6	2	4	4	3	23	28	28	28
Missouri	1	1	4	3	3	-	12	17	55	12
North Dakota	-	-	1	1	1	1	4	3	5	5
South Dakota	-	6	2	-	3	1	12	4	7	7
Nebraska	4	3	1	2	-	1	11	25	18	10
Kansas	-	3	2	-	5	8	18	19	33	10
South										
Delaware	2	5	3	2	1	-	13	1	-	2
Maryland	2	7	3	5	4	2	23	4	9	1
District of Col.	-	2	-	1	-	1	4	2	4	1
Virginia	5	4	2	3	4	6	24	18	21	9
West Virginia	3	2	1	3	-	1	10	12	22	16
North Carolina	2	4	-	6	1	3	16	19	75	17
South Carolina	4	1	1	5	1	8	20	35	10	4
Georgia	11	3	5	5	1	4	29	70	56	21
Florida	7	6	15	9	29	14	80	161	46	59
Kentucky	2	6	9	6	-	5	28	18	27	12
Tennessee	-	3	4	3	4	3	17	23	49	15
Alabama	3	3	9	4	9	3	31	53	126	15
Mississippi	3	4	8	9	5	7	36	68	67	73
Arkansas	4	2	6	3	7	1	23	42	34	16
Louisiana	10	11	6	10	14	12	63	86	78	74
Oklahoma	5	1	-	3	5	3	17	52	58	18
Texas	37	37	52	52	62	45	285	410	316	449

STATE	Cases Reported to NOVS*						6 Wk. Total	Comparable Totals in:		
	5/21	5/28	6/4	6/11	6/18	6/25		1954	1953	1952
West										
Montana	3	1	-	-	-	2	6	2	3	8
Idaho	15	22	4	11	3	7	62	4	3	9
Wyoming	-	-	-	-	-	1	1	5	6	3
Colorado	12	5	5	2	3	3	30	18	18	9
New Mexico	1	-	1	1	-	3	6	7	8	5
Arizona	5	1	3	1	1	1	12	23	20	21
Utah	-	1	-	1	1	2	5	7	5	2
Nevada	2	-	2	7	5	3	19	9	-	2
Washington	4	5	2	9	2	2	24	17	8	32
Oregon	4	6	4	4	4	3	25	16	12	8
California	40	28	39	39	21	33	200	320	221	187

* National Office of Vital Statistics

JULY 1, 1955

POLIOMYELITIS AMONG VACCINATED INDIVIDUALS
(PSU Accepted Cases June 23-June 29, 1955)

PSU CASE NO	Residence	Ini- tials	Age	Sex	Date Inoc	Date 1st Symp	Date 1st Para	Site Inoc	Site 1st Para	Lot Mfr No.	Remarks
NM-1	Albuquerque	CG	7	F	?	6-16	None	?	None	C ?	Spinal fluid 198 cells,
					6-11			LA		L 5026-649347	non-paralytic
Ark-3	Ft. Smith	JAM	8	F	4-19	5-11	None	LA	None	L 7080-649342	Spinal fluid 400 cells,
											non-paralytic
Tex-22	Corpus Christi	TB	6	M	4-20	6-15	None	LA	None	L 7078-649343	Spinal fluid
											443 cells
Tex-23	Houston	DC	6	M	4-19	6-9	None	LA	None	L 7078-649343	Spinal fluid
											119 cells
Minn-1	Buffalo Village	PO	6	F	5-27	6-19	None	?	None	PD 029126A	Spinal fluid, 3 cells
Utah-1	Hiawatha	MO	7	M	4-27	6-18	6-20	LA	bulbar	PD 028860B	
Tenn-6	Memphis	CG	8	F	4-27	6-13	6-14	RA	Legs	L 7079-649341	
NY-10	Brooklyn	MC	7	F	6-2	6-21	6-24	LA	Face	PD 029129A	Bulbar
NY-11	Liberty	MF	8	M	4-19	6-18	6-23	?	bulbar	L ?	Vaccinated in Texas
NY-12	Oceanside	BS	8	M	5-26	6-23	6-24	LA	LA	PD 028850B	
					6-21					029129A	
Va-7	Alexandria	DP	8	F	4-27	6-16	None	?	None	L 8122-649334	Spinal fluid, 104 cells,
											non-paralytic
Cal-37	L.A.Co.	RVanV	6	M	4-22	5-3	5-6	LA	RL	C E5976	
Cal-38	L.A.Co.	CR	7	M	4-22	5-11	None	LA	none	C ?E5970	
										?E5976	
Cal-39	L.A.City	SB	7	M	5-18	5-21	5-26	RA	LL	PD 028848A	Spinal paralytic
Cal-40	L.A.City	SH	6	F	5-16	5-19	None	?	None	PD 028848A	
Cal-41	Contra Costa Co.	LM	7	M	5-20	5-25	None	LA	None	L 8124-649336	
Cal-42	Contra Costa Co.	RS	36	F	4-13	5-30	6-7	LA	RA, RL	C E6045	Spinal Paralytic
					5-29					PM 175E011	

VACCINATED CASES (CONTINUED)

PSU	Residence	Ini- tials	Age	Sex	Date Inoc	Date 1st Symp	Date 1st Para	Site Inoc	Site 1st Para	Mfr	Lot No.	Remarks
REVISIONS <u>Revised Items Underlined</u>												
Miss-2	Carthage---dropped---not polio-----											
Ill-2	Dropped--final diagnosis "not polio"											
Wis-1	Kaukauna	DK	8	M	<u>5-18</u>	6-17	None	IA	None	PD	029127A	<u>Spinal Fluid</u> <u>400 cells</u>
Tex-7	SanAngelo	DK	7	M	4-21	<u>5-4</u>	None	IA	None	L	7078- 649343	<u>Type 3 (6-24)</u> <u>Irons</u>
NY-3	Niagara Falls	LS	8	F	<u>5-24</u>	5-26	None	IA	none	PD	029129C	
Ga-2	Smyrna	SS	2	M	4-20	4-29	5-2	IA	IA	C	?E6044 ?E5973	Type 1 virus <u>isolated Mont-</u> <u>gomery (7-29)</u>
MD-2	Hyattsville	MW	6	F	4-26	5-25	6-1	?	Legs	W	236	<u>Type 1 isolated</u> <u>(6-29) NIH</u>
IDa-18	Grace	KA	7	F	4-19	5-21	?	IA	trunk	C	E6039 E6058	<u>Type 1 isolated</u> <u>(6-29) RML</u>

POLIOMYELITIS AMONG UNVACCINATED PERSONS GIVING HISTORY OF FAMILIAL CONTACT WITH INDIVIDUALS
WHO HAVE RECEIVED POLIOMYELITIS VACCINE
(PSU Accepted Cases June 23-June 29, 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
NM-X4	Las Cruces	?H	9	F	4-21	None	None	C	?6037 ?5976	BH	4	F	6-17	6-21	?	
NY-X8	Hastings	?G	?	?	5-20	None	None	PD	029128C	SG	6	F	6-17	?	Legs	
Ky-X1	Louisville	JWM	8	F	4-28	None	None	PM	?	JPM	6	F	5-17	5-20	LA	
Ky-X2	Louisville	JN	7	M	4-28	None	None	PM	175-C028	JLN	7mos.	M	6-5	6-7	L facial	Sister had slight fever since 6-9.
Ala-X8	Waverly	JLD	6	M	4-19	None	None	L	5079-64-9338	SFD	3	F	6-19	?	Bulbar	Died 6-20.
		MD	7	M	"	"	"	"	"	"	"	"	"	"	"	"
Miss-X4	Greenville	CH	9	M	4-20	?	?	L	5080-649339	CH	2	M	6-1	6-7	LL	
		AH	7	F	4-20	?	?	L	5080-649339							
Utah-X1	Orem	?Y	?	F	4-20	?	?	PD	028860B	NY	?	M	5-28	?	?	Adult
		?Y	?	M	4-25	?	?	PD	"							
PR-X1	Cabo Rojo, Puerto Rico	NAN	6	M	4-29	None	None	PD	028-850 or 028-861	LR	6mos.	F	5-15	5-18	RL	
					5-6											
					5-27											
Va-X3	DeWitt	?N	?	F	4-20	?	?	L	?	TN	14	M	6-2	None	None	Spinal fluid 50 cells, non-paralytic
Va-X4	Hampton	?S	?	F	4-28	?	?	L	?	RS	8	M	6-22	?	RL	
Cal-X12	Los Angeles County	GM	7	F	5-16	?	?	PD	028848B	JM	2	M	5-25	?	RA	
Cal-X13	Los Angeles County	WH	8	M	4-21	?	?	C	E6038	MH	30	F	5-21	?	Spinal	
Cal-X14	Los Angeles County	ES	7	M	5-16	?	?	PD	028848A	SS	9	F	5-28	None	None	
Cal-X15	San Diego County	EG	6	F	4-16	?	?	C	?	SG	9	F	5-30	6-5	Legs	
					5-14	?	?	PD	029126A							

FAMILIAL CONTACTS (CONTINUED)

VACCINATED INDIVIDUALS											POLIO CASE (NOT VACCINATED)				
PSU	Residence	Ini- tials	Age	Sex	Date Inoc	Date Illness	Type Illness	Lot Mfr No.	Ini- tials	Age	Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks
Cal-X16	Los Angeles County	MG	6	M	5-16	?	?	PD 028848A	SG	9	F	6-6	6-8	RL	
Cal-X17	L.A. Co.	BM SM	7 6	M M	4-18 "	?	Illness ?	C E6038 "	LM	2	F	5-1	None	None	
Cal-X18	L.A. Co.	MMcK	8	F	4-21	None	None	C E5976	MMcK	47	F	5-5	?	?	Spinal paralytic
Cal-X19	Stanis- laus Co.	CS	2	F	4-18	4-25	polio	C E6045	PB	9mos.	F	5-9	None	None	Cousin
Cal-X20	San Diego County	LS	7	M	4-16	?	Illness	C ?	LS	1	M	5-8	5-9	RL	Spinal paralytic
Cal-X21	Orange Co.	MR	3	M	4-18	?	Illness	C ?	JR	25	M	5-2	?	?	Spinal paralytic
Cal-X22	San Diego County	MMcH JMCH	6 7	F M	4-16 4-16	?	?	C ? C ?	TMcH	8	F	5-12	5-14	LA,RL	Spinal paralytic
Cal-X23	San Diego County	JVanV	8	M	4-16	?	?	C ?	SVanV	3	F	5-6	5-12	RL	Spinal paralytic
Cal-X24	L.A. Co.	KV	7	M	4-19	?	?	C E5970	LV	16	F	5-12	5-17	Bulbar	
Cal-X25	L.A. Co.	CM	6	M	4-18	?	?	C E5970	KM	9	F	5-11	5-17	Bulbo-spinal	
Cal-X26	L.A. Co.	EA	7	M	4-19	?	?	C E5976	RA	4	M	5-13	None	None	
Cal-X27	San Diego County	GC	7	M	4-16	?	?	C ?	BC	30	F	5-14	5-18	Legs	Spinal paralytic
Cal-X28	San Diego	RM	7	M	4-16	?	?	C ?	MM	14	M	5-18	5-19	RA	Spinal paralytic
Cal-X29	L.A. City	SB	6	M	4-19	?	?	C E6037	LB	3	M	5-19	5-21	LL	Spinal paralytic
Cal-X30	L.A. City	?S	3	M	4-16	?	?	C E5971	ES	34	F	5-18	5-21	RA	Spinal paralytic
Cal-X31	L.A. Co.	GB	7	M	4-20	?	Ill	C E5976	WB	9	M	5-17	None	None	
Cal-X32	L.A. Co.	ES	7	F	4-20	?	?	C E6038	DS	11	F	5-16	5-19	RA	Spinal paralytic
Cal-X33	Sonoma Co.	GE	2	M	4-20	?	Measles	C ?	TE	9mos.	M	5-16	5-19	Legs	Bulbar. All 3 had measles.
		GE	3	M	4-20	?	Measles	C ?							
					4-27			PD ?							
Cal-X34	L.A. City	KC	6	M	5-18	?	?	PD 028848A	BC	30	F	5-21	None	None	
Cal-X35	Contra Cos- ta County	SG LG	7 10	M F	5-20 4-20	?	Ill Ill	L ? C E6045	BG	31	F	5-27	None	None	

FAMILIAL CONTACTS (CONTINUED)

VACCINATED INDIVIDUALS													POLIO CASE (NOT VACCINATED)			Remarks
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	
Cal-X36	Contra Cos- ta County	LK AK	2 10 mos.	F M	4-22	?	?	C	E6045	BK	33	F	5-28	6-1	RA	Bulbo-spinal
Cal-X37	Contra Cos- ta County	?W ?W	? ?	? ?	4-22	?	?	C	E6045	BW	31	F	5-16	None	None	
Cal-X38	Contra Cos- ta County	IE	6	F	4-26	?	Ill	L	8124-649336	RSE	3	F	5-19	None	None	
Cal-X39	San Diego Co.	MG	7	M	4-16 5-14	?	?	C FD	? 029126A	DG	2	M	5-28	5-31	Arms	Spinal paralytic
Cal-X40	Santa Barbara County	LL CL JL	2 5 7	M F M	4-19 4-19 4-19	?	Cold Cold Cold	C C C	E5971 E5971 E6038 or E5928	JL	36	M	5-21	None	None	Contacts had colds before and after inoculations.
Cal-X41	Riverside Co.	?C	?	?	4-20	?	?	C	8123-649339 E5928	JC	36	F	5-28	None	None	
REVISIONS (Revised Items Underlined)																
Va-X1	Arlington	Dropped: Autopsy revealed not polio.														
La-X1	New Orleans	JT	1	M	4-26	?	?	C	E5973	DT	33	M	5-18	?	Bulbar	Type 1 virus from patient and vaccinated contact 6-20 (Dr. Potash)
Ore-X4	Dropped - vaccination sibling after onset of illness in case															
Ga-X2	Atlanta	AW	4	F	4-20	4-28	Tonsillitis	C	?E6044 ?E5973	JW	14	F	5-9	5-12	Trunk	Type 1 from AW, vaccinated contact (6-29) Montgomery
Va-X2	Alexandria City	TC ?C	7 8	M M	4-29	?	?	L	8122-649334	KC	1	F	5-31	?	Facial	Type 1 from case, vaccinated and unvaccinated contacts (6-29) NIH
Md-X9	Bowie	CP	7	F	?	6-3	Pharyngitis	W	236	VP	1	F	6-2	6-3	?	Type 1 virus from case (6-29) NIH
Ida-X12	Preston	?P	?	M	4-19	?	?	C	E6039 E6058	NP	9	F	5-11	5-18	Legs	Type 1 from case (6-29) RML and vaccinated contact
Ida-X13	Preston	"	"	"	"	"	"	"	"	JP	3	F	5-4	5-18	Legs	Type 1 from vaccinated contact (6-29) RML

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JULY 1, 1955

POLIOMYELITIS AMONG UNVACCINATED PERSONS GIVING HISTORY OF COMMUNITY CONTACT WITH
INDIVIDUALS WHO HAVE RECEIVED POLIOMYELITIS VACCINE
(PSU Accepted Cases June 21 - June 29, 1955)

Vaccinated Individuals											Polio Case (Not Vaccinated)					
PSU CASE NO	Residence	Ini- tials	Age	Sex	Date Inoc	Date Illness	Type Illness	Lot Mfr No.	Ini- tials	Age	Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks	
Wash-C2	Seattle	BL NL	9 3	F M	4-14 4-14	None 4-28	None fever	C C	E5973 E5973	LB	7	F	5-8	5-12	Bulbar	
Ida-C5	Orafino	?J	7	F	4-20	?	?	C	E6039 E6058	JF	4	M	6-17	?	Spinal	Playmates of WJ (Ida-X26) whose sister ?J was vaccinated.
REVISIONS																
Revised Items Underlined																
Ark-C1	Malvern	?	?	M	4-20	?	?	L	<u>7080-649342</u>	<u>IGG</u>	<u>1</u>	F	6-10	6-14	RL	uncle
Ga-C1	Hepzibah	LT	?	?	4-18	None	None	L	<u>75081-649340</u> <u>?7079-649341</u>	DD	8	M	5-12	5-20	LL	Type 1 virus from unvaccinated contact (6-29) Montgomery
Md-C4	Towson	AL	1	F	4-16	None	None	C	E6044	BC	1	M	5-22	5-29	LL	Type 1 from case (6-29) NIH
Ida-C2	Jarome	VC	7	M	4-19	5-2	Paralytic Polio	C	E6039 E6058	JB	7	M	5-19	5-22	None	Type 1 from Case RM (6-29) playmate
Md-C7	Silver Springs	classmates			in school			W?		BR	7	F	5-24	?	RL	
Miss-C2	Hattiesburg	TW	7	M	4-19	5-13	headache	L	5080- 649339	EW	11	M	5-31	6-4	bulbar	
Miss-C1	dropped same as Miss-C2															
Wash-C1	Seattle	<u>LW</u>	?	<u>F</u>	4-18 <u>5-15</u>	None	None	PD	028861B	GG	3	F	<u>5-18</u>	<u>5-24</u>	<u>LL</u>	Playmate.
		<u>MW</u>	?	<u>F</u>	4-29	None	None	C	E5973							
		<u>SP</u>	?	<u>F</u>	"	"	"	"	"							