



## I. Current Poliomyelitis Morbidity Trends

Poliomyelitis incidence by week for the current year, with similar data for the three preceding years, is presented in the accompanying figure, drawn from data published by the National Office of Vital Statistics. Incidence rose again this week, but remains slightly lower than during the same period in 1952, 1953, and 1954.

Poliomyelitis incidence by states for the weeks ending July 9 through August 13 is presented in Table 1, together with a six-week total for this and the previous three years. The rise in national incidence for the current week is due primarily to increases in cases reported from almost all of the northeastern states, as well as Ohio, Wisconsin, Minnesota, Iowa, Maryland and North Carolina.

Dr. Roy Feemster, Massachusetts State Department of Health, reports a total of 1544 cases of poliomyelitis through August 18, in Massachusetts (provisional figure, which does not correspond to incidence reported to NOVS). This total includes 34 cases among children vaccinated in 1955, 33 of which show intervals greater than 30 days between vaccination and onset. Of these 34 cases, 18 are non-paralytic, 13 are paralytic and 3 are as yet unspecified.

Dr. Joseph Melnick, Yale University School of Medicine, and Dr. David C. Davis, Epidemic Intelligence Service Officer, report preliminary laboratory studies on the polio outbreak in a central New Hampshire resort community, mentioned in PSU Report No. 37. Of 11 polio patients studied, 8 showed Type 1 CF avidities greater than 8 plus indicating recent polio infection. A cytopathogenic agent, probably polio virus, but as yet untyped, has been found in the stools of the three patients who did not show marked CF avidities. Dr. Melnick concludes that Type 1 virus is responsible for the current New Hampshire outbreak.

## II. Age Distribution Analysis

PSU has received (as of August 19) notification from the following states and territories planning to participate in the Age Distribution Analysis:

Maine	D. of Columbia	Texas
New Hampshire	Virginia	Montana
Massachusetts	West Virginia	Wyoming
Connecticut	North Carolina	New Mexico
New York City	South Carolina	Washington
Ohio	Florida	Oregon
Illinois	Kentucky	California
Wisconsin	Tennessee	Alaska
Minnesota	Alabama	Hawaii
Missouri	Mississippi	Puerto Rico
Nebraska	Arkansas	

All participating states are submitting to PSU a backlog of all cases with onsets after April 16, as well as weekly listings of currently reported cases.

The California State Department of Public Health, in a Polio Surveillance Release dated August 6, presents an age Distribution of cases reported for the state this year as follows:

Reported Poliomyelitis Cases by  
Age Group and Paralytic Status  
(State of California, April 1 - August 6, 1955)

Age Group	Paralytic		Non-paralytic		Total	
	No.	%	No.	%	No.	%
0-4	95	31	46	17	141	24
5-9	94	31	81	29	175	30
10-14	26	9	44	16	70	12
15-19	15	5	26	9	41	7
20-24	17	6	22	8	39	7
25-29	19	6	21	8	40	7
30 plus	39	12	36	13	75	13
Totals	305	100	276	100	581	100

III. Routine Poliomyelitis Surveillance

Dr. E. John Bell, Rocky Mountain Laboratory, Hamilton, Montana, reports a finding of interest:

"Poliomyelitis virus, Type III, was isolated from Cutter vaccine lot E-6058. The identification was completed July 8, 1955, but evidently was not reported to you.

Five hundred CC's. of Lot E-6058 were inoculated in 50 tissue-culture bottles on June 17. Type III was isolated from one bottle."

In this connection it may be noted that a previous PSU Report carried a report from Dr. John Fox, Tulane University, of the isolation of both Type I and Type III viruses from a fatal case, PSU No. La-3, inoculated with Cutter vaccine, Lot E-5973.

The tabular summary this week lists in detail the polio cases accepted since August 10 with revisions of previously listed cases. A number of cases from California are revised this week according to a detailed communication from the California State Health Department.

Table 2 summarizes poliomyelitis cases in vaccinated individuals accepted by PSU through August 17, 1955. Since a number of cases among individuals who have received two inoculations are now being reported, the convention of listing all such cases according to the dates and manufacturer of the vaccine used for the second inoculation has been adopted. This has necessitated some revision of the totals through August 10 listed in Table 2.

Table 3 presents a comparison of "reported" and "expected" cases among children who received first inoculations in NFIP clinics through May 7. The "expected" numbers represent rough estimates of the number of cases that would have occurred in the respective groups of first and second grade children if they had not been vaccinated. "Reported" and "expected" cases are listed by single weeks, and, as indicated in the last report, the expected numbers listed this week are based on weekly incidence reported this year to NOVS rather than on median incidence for the past five years. PSU Report No. 37 provides a comparison of "expected" case estimates based on 1955 incidence with "expected" case estimates based on data for the past five years.

Tables 4 through 9 give further tabulations of poliomyelitis cases among vaccinated individuals. These tables include only PSU accepted cases through August 10, but do not include new cases or revisions for the current week.

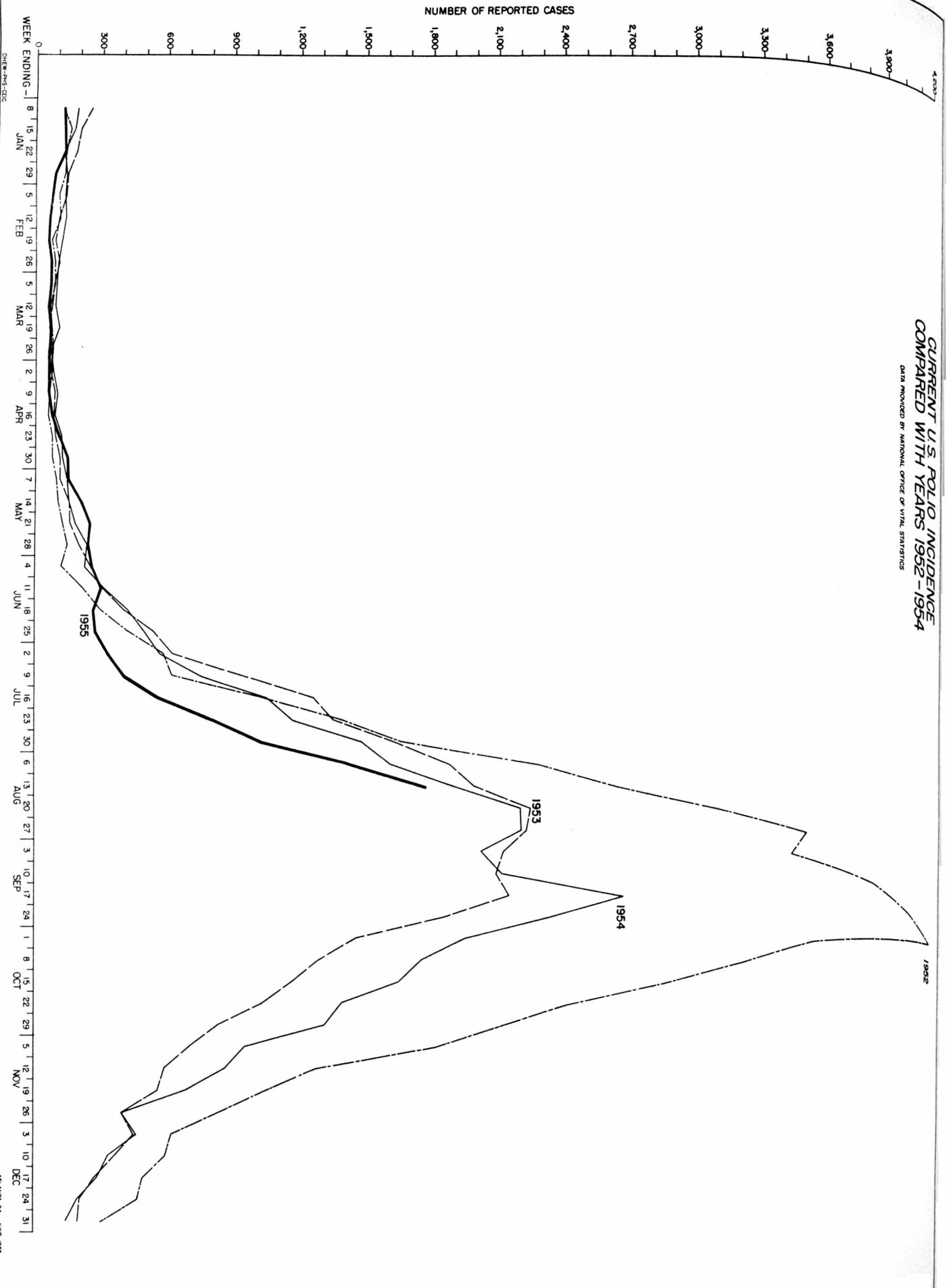
( This summary report was prepared by Dr. Neal Nathanson,  
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with Assistance from the Statistics Section, CDC. )

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

DATA PROVIDED BY NATIONAL OFFICE OF VITAL STATISTICS



DHEW-PHS-CDC  
 16-1200 (11)

ATLANTA, GA - JUNE, 1955



Table 1

## TREND OF 1955 POLIOMYELITIS INCIDENCE

State	Cases Reported to NOVS*						6 Week Total	Comparable Totals In:		
	7/9	7/16	7/23	7/30	8/6	8/13		1954	1953	1952
United States	406	565	812	1037	1412	1781	6013	7986	9073	9664
North East										
Maine	1	1	5	2	11	18	38	16	71	16
New Hampshire	-	-	9	16	16	24	65	12	39	13
Vermont	3	-	1	4	2	NR	10	6	18	6
Massachusetts	24	52	146	204	309	411	1146	89	104	83
Rhode Island	-	5	4	8	19	16	52	9	34	5
Connecticut	5	5	20	29	38	50	147	82	90	60
New York	25	43	42	65	102	117	394	294	665	412
New Jersey	3	16	12	11	21	39	102	139	194	114
Pennsylvania	7	10	12	27	30	43	129	161	231	176
North Central										
Ohio	14	21	35	38	42	94	244	395	626	642
Indiana	6	7	16	22	29	27	107	154	172	141
Illinois	5	29	19	54	68	75	250	368	582	503
Michigan	18	31	36	50	78	92	305	442	583	551
Wisconsin	6	14	40	56	105	135	356	85	130	232
Minnesota	13	2	15	24	28	73	155	149	575	361
Iowa	11	14	24	27	45	61	182	372	167	733
Missouri	4	10	10	6	9	16	55	150	267	112
North Dakota	3	4	1	3	2	4	17	26	43	16
South Dakota	3	-	-	1	8	1	13	18	44	68
Nebraska	3	8	16	19	28	16	90	159	84	400
Kansas	3	8	6	12	19	12	60	199	144	251
South										
Delaware	3	-	1	2	7	3	16	16	7	20
Maryland	7	2	5	9	8	18	49	30	153	19
D. of Columbia	1	2	5	-	5	1	14	15	24	25
Virginia	7	8	18	21	25	23	102	145	286	168
West Virginia	2	1	4	4	6	11	28	48	176	191
North Carolina	9	20	10	22	23	36	120	227	445	84
South Carolina	12	15	14	8	21	23	93	110	59	9
Georgia	6	6	6	5	15	10	48	212	146	98
Florida	3	10	7	11	12	12	55	334	134	133
Kentucky	5	10	13	17	38	43	126	192	127	331
Tennessee	10	9	7	13	6	8	53	190	297	136
Alabama	9	3	8	8	4	11	43	109	142	94
Mississippi	-	15	7	8	10	9	49	200	120	230
Arkansas	5	11	6	11	9	16	58	99	100	80
Louisiana	8	3	20	9	14	12	66	154	145	269
Oklahoma	12	8	19	27	21	5	92	217	188	296
Texas	76	83	89	71	81	79	479	877	504	1460

Table 1 (Continued)

State	Cases Reported to NOVS*							Comparable Totals in:		
	7/9	7/16	7/23	7/30	8/6	8/13	Total	1954	1953	1952
West										
Montana	1	-	-	1	4	6	12	17	42	41
Idaho	7	6	7	7	16	9	52	15	11	55
Wyoming	-	-	3	3	-	NR	6	73	18	18
Colorado	2	2	9	9	9	8	39	83	50	110
New Mexico	8	4	7	4	6	10	39	36	32	115
Arizona	-	3	1	2	4	2	12	69	136	64
Utah	-	1	-	-	1	6	8	21	43	15
Nevada	4	2	4	1	2	0	13	43	16	10
Washington	5	7	5	12	13	14	56	75	69	194
Oregon	4	5	9	17	10	12	57	57	43	70
California	43	49	59	57	33	70	311	997	696	404

\*National Office of Vital Statistics



Table 2  
*Poliomyelitis Cases in Vaccinated Individuals*  
*(PSU Accepted Cases through August 17, 1955)*

	Vaccine Manufacturer* and Paralytic Status**									
	C		L		PD		PM		W	
	P	NP	P	NP	P	NP	P	NP	P	NP
CASES VACCINATED 5-7 OR BEFORE WITH ONSETS 30 DAYS OR LESS AFTER VACCINATION***										
Totals through 8-10 (Revised)	63	10	18	21	3	2	3	2	9	3
New Cases 8-11 through 8-17	0	0	0	1	0	0	0	0	0	0
Totals through 8-17	63	10	18	22	3	2	3	2	9	3
	73		40		5		5		12	
CASES VACCINATED 5-7 OR BEFORE WITH ONSETS 31 DAYS OR MORE AFTER VACCINATION***										
Totals through 8-10 (Revised)	3	1	17	44	5	20	7	2	3	0
New Cases 8-11 through 8-17	0	1	0	3	0	0	0	2	1	0
Totals through 8-17	3	2	17	47	5	20	7	4	4	0
	5		64		25		11		4	
CASES VACCINATED 5-8 OR LATER WITH ONSETS 30 DAYS OR LESS AFTER VACCINATION***										
Totals through 8-10 (Revised)			3	11	16	10	1	0	0	1
New Cases 8-11 through 8-17			2	4	1	0	0	0	1	0
Totals through 8-17			5	15	17	10	1	0	1	1
			20		27		1		2	
CASES VACCINATED 5-8 OR LATER WITH ONSETS 31 DAYS OR MORE AFTER VACCINATION***										
Totals through 8-10 (Revised)			0	4	9	6				
New Cases 8-11 through 8-17			0	1	2	13				
Totals through 8-17			0	5	11	19	0	0	0	0
			5		30		0		0	

\* Vaccine Manufacturers: C - Cutter; L - Lilly; PD - Parke-Davis; PM - Pitman-Moore; W - Wyeth

\*\* Paralytic Status: P - Paralytic; NP - Non-paralytic

\*\*\* Cases in individuals who had two inoculations are listed according to the second inoculation. No inoculations of Cutter vaccine given after May 7.



Table 3

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

Vaccine Mfr.*** And Number Vaccinated****	Cases	Onsets in Week Ending:									
		April 23	April 30	May 7	May 14	May 21	May 28	June 4	June 11	June 18	
CUTLER 303,000	Reported	P	4	16	11	1	2			1	1
		NP	2		3	2				1	1
	Total		6	16	14	3	2	-	-	1	1
	Expected	Total	1	1	3	3	3	2	3	1	2
LILLY 2,514,000	Reported	P	3	5	3	3	3	3	2	1	2
		NP	1	2	4	6	7	12	2	2	5
	Total		4	7	7	9	10	15	4	3	7
	Expected	Total	1	3	6	9	7	9	10	12	10
PARKE-DAVIS 860,000	Reported	P					1	1	1		1
		NP		1	1			3		1	1
	Total		-	1	1	-	1	4	1	1	1
	Expected	Total	1	1	2	2	2	1	2	2	3
PITMAN-MOORE 411,000	Reported	P				1	1		3		1
		NP			1	1					1
	Total		-	-	1	2	1	-	3	-	1
	Expected	Total	0	0	1	1	1	1	1	1	1
WYETH 775,000	Reported	P		1	3	1	3	1	1	1	
		NP				2	1				
	Total		-	1	3	3	4	1	1	1	-
	Expected	Total	0	0	1	1	2	2	2	1	2

Footnotes on back.

Table 3 (Continued)

Vaccine Mfr.*** and Number Vaccinated**** Cases			Onsets in Week Ending:							
			June 25	July 2	July 9	July 16	July 23	July 30	Aug. 6	Aug. 13
CUTTER 303,000	Reported	P				1				
		NP							1	
	Total		-	-	-	1	-	-	1	-
	Expected	Total	3	3	3	4	3	3	4	
LILLY 2,514,000	Reported	P	3	2	3	1	1	2		
		NP	8	2	8	11	5	1	5	1
	Total		11	4	11	12	6	3	5	1
	Expected	Total	11	14	17	20	21	23	26	
PARKE-DAVIS 860,000	Reported	P					2	1		
		NP			1	6	7	2		
	Total		-	-	1	6	9	3	-	-
	Expected	Total	3	3	6	7	11	15	18	
PITMAN-MOORE 411,000	Reported	P	1				1	3		
		NP			1			3		
	Total		1	-	1	-	1	6	-	-
	Expected	Total	1	1	3	3	4	7	6	
WYETH 775,000	Reported	P			2					
		NP								
	Total		-	-	2	-	-	-	-	-
	Expected	Total	2	2	2	4	5	6	10	

\*Reported Cases include only cases accepted by PSU through August 17 and vaccinated in NFIP Clinics April 16 through May 7, 1955.

\*\*Expected Cases among this group of children estimated from 1955 incidence of poliomyelitis (paralytic and non-paralytic) reported to National Office of Vital Statistics by the States. This represents a change in method of computing expected cases (see text).

\*\*\*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.

\*\*\*\*Data from the NFIP.

Table 4  
 Poliomyelitis Cases in Individuals Inoculated April 13 to May 7, 1955\*\*  
 with Onsets 30 Days or Less after Vaccination  
 by State and Manufacturer\*\*\*  
 (PSU Accepted Cases through August 10, 1955)

State	C		L		PD		PM		W		Total
	P*	NP*	P	NP	P	NP	P	NP	P	NP	
Alabama			1								1
Arizona	1										1
Arkansas				2							2
California	29	8									37
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		5	1							7
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	18	21	3	2	3	2	9	3	
Totals	73		39		5		5		12		134

\* P- Paralytic; NP- Non-paralytic  
 \*\* Cases in individuals who had two inoculations are listed according to the second inoculation.  
 \*\*\* C - Cutter; L - Lilly; PD - Parke-Davis; PM - Pitman-Moore; W - Wyeth

Table 5  
 Poliomyelitis Cases in Individuals Inoculated April 13 to May 7, 1955\*\*  
 with Onsets 31 Days or More after Vaccination  
 by State and Manufacturer\*\*\*  
 (PSU Accepted Cases through August 10, 1955)

State	C		L		PD		PM		W		Total
	P*	NP*	P	NP	P	NP	P	NP	P	NP	
Alabama				1							1
Arkansas	1		1	1							3
Idaho	2	1									3
Illinois					1	1					2
Indiana			1								1
Iowa					1	8					9
Kentucky							1				1
Louisiana			1	1							2
Maryland									1		1
Michigan					2	11					13
Mississippi			1	3							4
Missouri							1	1			2
Nebraska							3	3			6
New York			1	1							2
North Carolina			2	2							4
Pennsylvania									2		2
South Carolina			1								1
Tennessee			2	4							6
Texas			4	23							27
Utah					1						1
Virginia			4	7							11
Wisconsin				1							1
Sub-Totals	3	1	18	44	5	20	5	4	3	0	
Totals	4		62		25		9		3		103

\* P--Paralytic; NP- Non-paralytic

\*\* Cases in individuals who had two inoculations are listed according to the second inoculation.

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

Table 6  
 Poliomyelitis Cases in Individuals Inoculated after May 7, 1955\*\*  
 by State and Manufacturer\*\*\*  
 (PSU Accepted Cases through August 10, 1955)

State	L		PD		PM		W		Total
	P*	NP*	P	NP	P	NP	P	NP	
CASES WITH ONSETS 30 DAYS OR LESS AFTER VACCINATION									
California		1	1	1	1				4
Georgia		2							2
Iowa				1					1
Kentucky							1		1
Louisiana	2								2
Massachusetts			1						1
Minnesota				1					1
Mississippi		3							3
Montana		1							1
New Jersey	1								1
New Mexico		1							1
New York			10	5					15
Ohio		1							1
Oregon			1						1
Tennessee	1	1							2
Texas		1							1
Washington				1					1
Wisconsin			3	1					4
Sub-Totals	5	10	16	10	1	0	0	1	
Totals	15		26		1		1		43
CASES WITH ONSETS 31 DAYS OR MORE AFTER VACCINATION									
Alaska				1					1
Colorado		1							1
Iowa			1						1
Minnesota			1						1
Mississippi		1							1
New Hampshire				2					2
New York			4	2					6
North Carolina		2							2
Wisconsin			3	1					4
Sub-Totals	0	4	9	6	0	0	0	0	
Totals		4	15		0		0		19

\* P- Paralytic; NP- Non-paralytic

\*\* Cases in individuals who had two inoculations are listed according to the second inoculation. No inoculations of Cutter vaccine given after May 7, 1955.

\*\*\* L - Lilly; PD - Parke-Davis; PM - Pitman-Moore; W - Wyeth.

Table 7  
 Poliomyelitis Cases in Vaccinated Individuals  
 by Date of First Symptoms and Manufacturer  
 (PSU Accepted Cases through August 10, 1955)

Mfr. & Paralytic Status**	Onset in Two-Week Period Ending:								Sub-Total	Total	
	4-30	5-14	5-28	6-11	6-25	7-9	7-23	8-6			
CASES IN INDIVIDUALS VACCINATED ON OR BEFORE MAY 7*											
Cutter	P	48	12	2				1	1	64	77
	NP	3	9		1					13	
Lilly	P	8	6	6	3	4	5	2	2	36	101
	NP	3	10	17	4	10	5	14	2	65	
Parke-Davis	P	1		2	1	1		2	1	8	30
	NP			3	2		1	14	2	22	
Pitman-Moore	P		1	1	3	1		1	1	8	14
	NP		2			1			3	6	
Wyeth	P	1	4	4	1		2			12	15
	NP		2	1						3	
CASES IN INDIVIDUALS VACCINATED AFTER MAY 7*											
Lilly	P			1	1	3	1			5	19
	NP			1	1	2	6	2	2	14	
Parke-Davis	P			3	2	5	6	5	4	25	41
	NP			3	3	2	1	6	1	16	
Pitman-Moore	P				1					1	1
	NP									0	
Wyeth	P									0	1
	NP							1		1	

\* Cases in individuals who had two inoculations are listed according to the second inoculation. No inoculations of Cutter vaccine given after May 7.  
 \*\* P- Paralytic; NP- Non-paralytic.



Table 8  
 Poliomyelitis Cases in Vaccinated Individuals  
 by Interval between Dates of Last Inoculation and First Symptoms  
 (FSU Accepted Cases through August 10, 1955)

Mfr. & Para- lytic Status**	Interval in Days								Total	
	0-3	4-10	11-20	21-30	31-60	61-90	91-120	Data Incomplete ≤30 >30		
CASES IN INDIVIDUALS VACCINATED ON OR BEFORE MAY 7*										
Cutter	P	2	49	8	2	1	1	1		64
	NP	2	3	7		1				13
Lilly	P	2	6	7	3	10	5	3		36
	NP	1	4	5	11	17	25	1	1	65
Parke- Davis	P	1		1	1	2	2	1		8
	NP				2	3	13	4		22
Pitman- Moore	P		1		2	3	2			8
	NP	1		1		1	3			6
Wyeth	P	1	3	4	1	1	2			12
	NP		1	2						3
CASES IN INDIVIDUALS VACCINATED AFTER MAY 7*										
Lilly	P		3	2						5
	NP		3	3	4	3	1			14
Parke- Davis	P	4	3	3	5	4	4		1	25
	NP	4		2	3	4	1		1	16
Pitman- Moore	P	1								1
	NP									0
Wyeth	P									0
	NP		1							1

\* Cases in individuals who had two inoculations are listed according to the second inoculation. No inoculations of Cutter vaccine given after May 7.

\*\* P- Paralytic; NP- Non-paralytic

Table 9  
 Poliomyelitis Cases in Vaccinated Individuals  
 with Interval between Last Inoculation and Onset of Symptoms of 30 Days or Less  
 by Site of Last Inoculation and Site of First Paralysis  
 (PSU Accepted Cases through August 10, 1955)

Site of Last Inoculation	Site of First Paralysis	Cases Vaccinated on or before May 7*					Cases Vaccinated after May 7*			
		Manufacturer**					Manufacturer**			
		C	L	PD	PM	W	L	PD	PM	W
PARALYTIC CASES										
arm	same arm	32	2	2		3		2		
leg	same leg	10								
arm	other arm	2					1		1	
arm	leg	7	9	1	2	3	2	6		
arm	bulbar	2	4			2	1	7		
arm	trunk	1								
leg	other leg	1								
	data incomplete	6	3		1	1	1	1		
	Total Paralytic Cases	61	18	3	3	9	5	16	1	0
NON-PARALYTIC CASES										
		12	21	2	2	3	10	10	0	1
TOTAL ALL CASES										
		73	39	5	5	12	15	26	1	1

\* Cases in individuals who had two inoculations are listed according to the second inoculation. No inoculations of Cutter vaccine given after May 7.

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

POLIOMYELITIS AMONG VACCINATED INDIVIDUALS  
(PSU Accepted Cases August 5 - August 17, 1955)

PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	Site Inoc.	Site Para.	Mfr.	Lot No.	Remarks
<u>NEW</u>												
La-12	Richland	CJE	6	M	4-22	5-24	None	Arm	None	L	649335 " 39 " 40 " 41	Spinal fluid, 41 cells.
La-13	Caddo	BK	6	M	4-27	5-25	None	IA	None	L	? 649335 " 39 " 40 " 41	Spinal fluid, 536 cells.
La-14	Rapids	CJY	4	M	5-3 5-17	7-2	None	? ?	None	L L	? 649335 " 39 " 40 " 41	
Fla-1	St. Johns	MMCC	7	F	4-19 6-16	6-21	?	Arm	RL	L L	5206-649347 " "	
Tenn-11	Shelby	LM	10	M	4-25	8-4	None	Arm	None	L	7079-649341	Spinal fluid, 610 cells.
Wash-3	Clallam	BJE	7	F	5-31 6-15	8-2	None	? ?	None	PD PD	029127A 029127A	Spinal fluid, 890 cells.
NM-2	Lea	JET	7	M	5-?	8-2	None	? ?	None	C	6037	Spinal fluid, 300 cells.
Penn-10	Clinton	JS	7	M	5-5	6-6	6-6	?	RA,RL	W	237-? 238	
Wisc-10	Sauk	JDS	7	M	5-18	8-9	None	IA	None	PD	029127A	
Wisc-11	Milwaukee	MTK	8	M	7-21	8-2	8-2	?	Bulbar	W	23914	
NY-27	Chautauqua	EW	7	M	5-18 8-3	8-12	8-14	IA IA	? ?	PD L	029129A 6002-653-805	
NY-28	Suffolk	SA	9	F	5-20	8-5	None	IA	None	PD	029128C	
NY-29	Orange	HF	7	M	5-?	8-6	None	? ?	None	PD PD	? ?	

PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc	Date 1st Symp.
NY-30	Buffalo	IC	8	F	5-?	7-31
NY-31	Kings	ED	7	M	5-23	7-20
NY-32	Broome	EF	9	M	5-24 6-21	8-2
NY-33	Kings	DH	7	M	5-?	8-3
NY-34	Queens	NH	7	F	5-31	8-5
Conn-2	Windsor	GD	8	M	5-17	7-31
Tex-43	Corsicana	JA	6	M	4-20 7-27	8-9
Tex-44	Harris	JH	7	M	4-19 7-26	8-3
Tex-45	Dallas	BJC	8	F	4-21 7-27	8-1
Minn-3	Hennepin	IG	7	F	June	8-8
Minn-4	Hennepin	RH	8	M	May	7-28
Minn-5	Aitkin	CG	7	M	May	8-6
Ky-3	Daviess	MJE	8	F	4-26	7-7
Neb-10	Red Willow	DN	6	M	4-26	7-26
SC-3	Greenville	BJW	7	F	4-23	6-20
SC-4	Richland	LT	7	F	4-? 6-5	6-15
NH-3	Hillsboro	CJB	6	M	May	7-29
NH-4	Merrimack	TK	6	M	5-26	7-21
Utah-2	Box Elder	EWS	9	M	5-24	5-29

Date	Site	Site		Lot	
1st	Site	1st		No.	
Para	Inoc.	Para.	Mfr.	No.	Remarks
None	?	None	FD	029129A	Also vaccinated in 1954 field trials.
None	?	None	FD	029128C	
None	IA	None	PD	029129A	
	IA		FD	"	
None	IA	None	FD	?	
None	IA	None	PD	029128C	Spinal fluid, 54 cells.
7-31	?	Bulbar	PD	029126A	
None	?	None	L	7080-649342	
	?		L	8119-649331	
None	?	None	L	7078-649343	Spinal fluid, 27 cells
	?		L	8118-649336	
None	?	None	L	7078-649343	
	?		L	8118-649330	
8-10	?	LA, LL	PD	029127A	
None	?	None	PD	?028849A, ?028850B ?028861B, ?029126A	
None	?	None	PD	028849A	Spinal fluid, 40 cells.
None	IA	None	PM	?175A028 175B027	
None	IA	None	PM	175B007	Spinal fluid, 1276 cells
None	?	None	L	7079-649341	Spinal fluid, 36 cells.
None	?	None	L	7079-649341	Spinal fluid, 210 cells.
	?		L	"	
None	?	None	FD	029126A	Spinal fluid, 183 cells.
None	?	None	FD	029126A	Spinal fluid, 80 cells.
6-2	IA	LL	FD	028847A	Also vaccinated in 1954 field trials.

NEW (Continued)

FSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	Site Inoc	1st Para	Mfr.	Lot No.	Remarks
Revisions (Revised Items Underlined)												
La-1	Franklin	HB	7	M	4-19	4-19	4-29	IA	Legs	L	5081-649340	
LA-8	Caddo	LF	7	F	4-25	<u>6-22</u>	<u>None</u>	IA	<u>None</u>	L	649335	<u>Type 1 virus.</u>
											" 39	
											? " 40	
											" 41	
					6-13			IA		L	? 649347	
											649348	
La-9	Caddo	FM	10	M	4-27	6-23	6-23	IA	RA	L	? 649335	<u>Untypable polio virus isolated.</u>
											" 39	
											" 40	
											" 41	
					6-17			IA		L	? 649347	
											649348	
Tenn-6	Dropped---Not Polio-----											
Tenn-8	Dropped--Changed to Fla-1-----											
Cal-9	L.A.Co.	RN	1	M	4-19	4-25	<u>4-28</u>	<u>IA</u>	Arms	C	E5972	Quadriplegia Type 3 (6-14) Lennette.
Cal-16	Salono	EG	<u>2</u>	F	4-21	4-27	4-30	IA	IA	C	E6045	Deleted as not polio, accepted now following isolation Type 1 (6-24) Dr. Lennette.
La-12	Richland	CJE	6	M	4-22	5-24	None	Arm	None	L	? 649335	<u>"Orphan" virus (Fox)</u>
											" 39	
											" 40	
											" 41	
La-13	Caddo	BK	6	M	4-27	5-25	None	IA	None	L	? 649335	<u>"Orphan" virus (Fox)</u>
											" 39	
											" 40	
											" 41	
Cal-17	Riverside	TP	6	F	4-27	4-28	<u>5-1</u>	IA	RL	C	E5928	
Cal-18	San Marino	BC	12	F	<u>4-20</u>	4-26	<u>4-26</u>	RL	RL	C	E5971	Type 1 virus in stool (5-20) Dr. Lennette

PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.
Cal-19	L.A.Co.	CC	4	F	<u>4-21</u>	4-24
Cal-20	Alameda	JH	24	M	4-21	4-30
Cal-22	L.A.Co.	LB	10	M	4-18	4-27
Cal-23	L.A.Co.	KJ	7	M	4-22	4-27
Cal-24	Riverside	DP	8	M	4-27	5-3
Cal-25	Tulare	JS	7	F	4-26	5-3
Cal-26	Sanislaus	<del>AAE</del>	<u>3</u>	F	4-20	<u>5-6</u>
Cal-27	L.A.City	SG	7	F	4-19	4-27
Cal-28	L.A. Co.	MK	7	M	4-22	5-2
Cal-29	L. A. Co.	CM	7	F	4-22	5-2
Cal-31	Riverside	RA	7	M	4-22	5-6
Cal-33	L. A. Co.	DB	7	M	4-22	5-2
Cal-34	L. A.Co.	DA	7	M	4-22	5-11
Neb-6	Colfax	SW	1	M	5-?	7-28
Neb-9	Colfax	DW	3	M	5-?	7-26
SC-2	Florence	MJ	7	F	4-22	<u>6-4</u>
Va-3	Mecklenburg	MW	7	M	4-29	<u>5-16</u>
Va-11	Princess Ann	WM	8	M	5-2	7-13
Va-12	Eliz. City	BB	8	M	4-18	7-25
Va-16	Middlesex	WHC	7	M	<u>4-28</u>	<u>8-3</u>

Date	Site	Site		Lot	
1st	Site	1st			
Para.	Inoc.	Para.	Mfr.	No.	Remarks

Revisions (Continued)

<u>4-27</u>	<u>IA</u>	LA	C	E5971	Type 1 virus isolated (5-16) Dr. Lennette.
<u>4-30</u>	RA	RA	C	E6045	
<u>5-1</u>	RL	Legs	C	E5971	Type 1 virus in stool (5-24) Dr. Lennette.
<u>5-2</u>	LA	RL	C	E6038	
<u>5-8</u>	<u>IA</u>	<u>IA</u>	C	E5928	
<u>5-3</u>	<u>LA</u>	<u>LA</u>	C	E5971	Ill at time of inoculation.
<u>5-9</u>	LL	LL	<u>C</u>	<u>E6045</u>	Type 1 virus in stool (6-14) Dr. Lennette.
<u>5-3</u>	LA	LL	C	E6037	
<u>5-2</u>	<u>IA</u>	<u>IA</u>	C	E6037	Type 2 in stool 5-25. Dr. Lennette. CSF 1 cell.
<u>5-2</u>	RA	LA	C	E6037	
<u>5-10</u>	RA	RA	C	E5928	CSF Data not received.
<u>None</u>	<u>LA</u>	<u>None</u>	C	E6038	CSF Data not received.
<u>None</u>	<u>LA</u>	<u>None</u>	C	<u>E6038</u>	CSF Data not received.
<u>7-28</u>	<u>LA</u>	<u>LL</u>	PM ?	<u>175B006</u> 175B007	
<u>7-26</u>	LA	?	PM ?	175B006 175B007	Spinal fluid 56 cells Weakness in trunk & legs.
<u>6-8</u>	LA	<u>LA,RA</u>	L	7079-649341	
<u>None</u>	?	<u>None</u>	L	8122-649334	
<u>None</u>	LA	<u>None</u>	L	8123-649335	Virus negative. 8-17 (NIH) Spinal fluid, 250 cells.
<u>7-25</u>	LA	Soft Palate	L	? 649343 649334	
<u>None</u>	<u>LA</u>	<u>None</u>	L	8122-649334	Spinal fluid, 78 cells.



PSU CASE NO.	County	Ini- tials	Age	Sex	Date Inoc.	Date	Date	Site	Site	Mfr.	Lot No.	Remarks
						1st Symp.	1st Para.	Inoc.	Para.			
<u>Revisions (Continued)</u>												
Ga-3	Mitchell	TK	12	M	4-30	5-30	None	IA	None	PD	<u>?028850B</u> <u>?028861B</u>	<u>Commercial vaccine.</u>
Ga-5	Fulton	REG	5	M	May & 6-23	7-19	None	IA	None	L	<u>?649340</u> <u>?749341</u>	Spinal fluid, 100 cells non-paralytic.
NJ-1	Morris	JI	8	F	6-19	7-3	7-3	?	?	L	<u>5205-649348</u>	
NY-11	Sullivan	MS	8	M	4-19	6-18	6-21	RA	Rt.	L	<u>?649342</u> <u>?649343</u>	Vaccinated in Texas Facial
NY-26	Manhattan	GF	8	M	<u>5-19</u>	<u>7-28</u>	<u>8-7</u>	<u>IA</u>	<u>Legs</u>	PD	<u>029128C</u>	
NY-20	Rensselaer	MMON	7	F	<u>May</u>	<u>7-6</u>	<u>None</u>	<u>IA</u>	<u>None</u>	L	<u>?649341</u> <u>?649342</u>	Vaccinated in Tennessee
Ark-5	Phillips	JBN	8	M	4-20	7-7	7-7	IA	LL	L	<u>7080-649342</u>	
Wis-5	Eau Claire	MAS	7	F	4-16	7-15	None	IA	None	L	<u>?649338</u> " 39 " 40 " 41	<u>Vaccinated in N. C.</u>
Mo-1	St. Louis City	ES	4	M	4-14 4-21	4-21	4-24	RD RA	RA	C PD	<u>?028850B</u> or <u>028861B</u>	<u>Both inoculations</u> <u>with commercial</u> <u>vaccine.</u>
Ill-6	Harvard	WM	7	M	?4-23	5-30	6-1	IA	RL	PD	<u>?028846B, ?028850B</u> <u>?028861B, ?028863B</u>	
Iowa-3	Appanoose	RM	7	M	May	7-12	None	RA	None	PD	<u>?028847A, ?028860B,</u> <u>?028863B.</u>	
Iowa-4	Linn	CE	9	F	5-2	7-3	None	?	None	PD	"	
Iowa-5	Johnson	MV	7	M	5-2	7-15	None	?	None	PD	"	
Iowa-6	Washington	JA	6	M	4-28	7-17	None	?	None	PD	"	
Iowa-7	Story	JK	7	M	5-2	7-17	None	?	None	PD	"	
Iowa-9	Mahaska	FR	9	M	5-10	7-23	7-23	?	?	PD	"	
Iowa-10	Jasper	CH	7	M	1st wk. May 6-28	7-23	None	?	None	PD	"	
Iowa-11	Dubuque <sup>1</sup> / <sub>2</sub>	BW	8	M	4-29	7-23	None	?	None	PD	"	

