

POLIOMYELITIS SURVEILLANCE REPORT SECOND YEAR NO. 103 JANUARY 4, 1957

FOR OFFICIAL USE ONLY

U.S. Department of Health, Education and Welfare  
Public Health Service Bureau of State Services

Communicable Disease Center  
Poliomyelitis Surveillance Unit  
50 Seventh Street, N. E.  
Atlanta, Georgia

---

SPECIAL NOTE

The information in this report represents a factual summary of data reported to the Poliomyelitis Surveillance Unit from State Health Departments, Epidemic Intelligence Service Officers, participating Laboratories and other pertinent sources. All readers should be cautioned regarding the interpretation of these data, many of which are preliminary and provisional in nature. It is understood that the contents of these reports will not be released to the press, except by the Office of the Surgeon General, Public Health Service, U.S. Department of Health, Education and Welfare. State Health Officers, of course, are free to release any information they may wish concerning data from their state.

---

Table of Contents

I. Current Poliomyelitis Morbidity Trends

II. Routine Poliomyelitis Surveillance

I. Current Poliomyelitis Morbidity Trends

National poliomyelitis incidence increased to 102 cases for the week ending December 29 after several weeks of reported decreases from 152 to 100 to 73. Increases were reported in the North East, North Central and South West Regions. Table 1 presents data for the past six weeks by state and region, and comparable six-week totals for the years 1952 through 1955.

Indiana has reported an apparently high polio incidence over the last six weeks. Dr. A.L. Marshall, Jr., Director of Communicable Disease Control, Indiana Health Department, reports that this represents a backlog of cases which occurred during the summer months.

II. Routine Poliomyelitis Surveillance

The tabular summary lists the vaccinated cases with intervals of 30 days or less accepted December 12 through December 31. A total of 11 new cases was accepted, 4 paralytic and 7 nonparalytic. These new cases appear in the table below by vaccine manufacturer and paralytic status, together with total cases vaccinated in 1956 with intervals of 30 days or less.

Poliomyelitis Cases with Onsets within 30 Days of a Vaccination in 1956 by Vaccine Manufacturer\*\*\* and Paralytic Status

Date of Report to PSU	L		PD		PM		SD		W	
	P	NP	P	NP	P	NP	P	NP	P	NP
CASES VACCINATED JANUARY TO JUNE 1956										
Totals through 12-11	55	36	5	2	10	5	0	2	3	4
New Cases 12-12 to 12-31	0	1	0	0	0	0	0	0	0	0
Totals through 12-31	55	37	5	2	10	5	0	2	3	4
CASES VACCINATED AFTER JUNE 1956										
Totals through 12-11	130**	164*	7	8	12	21	0	7	6	7
New Cases 12-12 to 12-31	3	3	1	0	0	0	0	3	0	0
Totals through 12-31	133	167	8	8	12	21	0	10	6	7
Grand Totals	188	204	13	10	22	26	0	12	9	11
	392		23		48		12		20	

\*Including three cases associated with Lilly or Pitman-Moore and one with Lilly or Wyeth.

\*\*Including one case vaccinated with part Lilly and part Wyeth vaccine.

\*\*\*L - Lilly, PD - Parke, Davis, PM - Pitman-Moore, SD - Sharpe & Dohme, W - Wyeth.

Three of the new paralytic cases followed inoculation with Lilly vaccine and one with Parke, Davis. The lots of vaccine used for three of these cases are listed in the table below, together with all previous reported cases in association with each lot. The lot number for the fourth case is unknown.

Listing of Vaccine Lots and Associated Poliomyelitis Cases  
(Only Lots Corresponding to New Paralytic Cases are Included)

Case No.	Report No.	Date Last Inoculation	Date First Symptoms	Site of Inoculation	Site of 1st Paralysis
----------	------------	-----------------------	---------------------	---------------------	-----------------------

LILLY LOT NO. 676318 - One million cc's distributed to 49 States and Territories in August and September.

Kans-11	103	10-26	11-23	LA	LA
Cal-251	95	9-15	9-27	LA	None
Cal-254	97	9-24	9-24	LA	?

LILLY LOT NO. 679902 - One million cc's distributed to 50 States and Territories in early August.

NY-253	103	11-12	11-16	Arm	?
--------	-----	-------	-------	-----	---

FOR PREVIOUS CASES SEE PSU REPORT NO. 97, TABLE 3 AND REPORT NO. 102, TABLE 7.

PARKE, DAVIS LOT NO. 029850A - One-half million cc's distributed to 46 States and Territories in June and July.

Cal-279	103	8-30	9-8	RA	Legs
Ill-128	94	8-13	8-19	RA	None
Minn-32	88	7-19	7-27	LA	None
Cal-241	99	9-11	9-13	LL	None
Mo-12	88	7-11	7-29	LA	?

(This Report was prepared by Miss Helen Forester and Dr. Wm. Jackson Hall with assistance from the Statistics Section, CDC.)

WJH  
(700)

[Illegible text]

[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]

[Illegible text]

[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

Table 1

## TREND OF 1956 POLIOMYELITIS INCIDENCE

State and Region	Cases Reported to NOVS* for Week Ending:						Six Week Total	Comparable Six Week Totals in:			
	11-24	12-1	12-8	12-15	12-22	12-29		1955	1954	1953	1952
UNITED STATES	166	169	152	100	73	102	762	1255	1822	1895	3318
NORTH EAST	12	15	11	9	4	11	62	298	511	389	334
Maine	-	1	-	-	-	-	1	8	6	10	14
New Hampshire	-	-	-	-	-	-	-	5	2	9	3
Vermont	-	-	-	-	-	-	-	5	17	10	4
Massachusetts	-	-	1	-	-	1	2	103	50	70	23
Rhode Island	-	-	-	-	-	-	-	17	3	9	11
Connecticut	-	2	-	2	-	-	4	20	34	18	11
New York	7	8	7	5	3	5	35	95	241	178	158
New Jersey	3	-	-	-	-	2	5	24	76	27	35
Pennsylvania	2	4	3	2	1	3	15	21	82	58	75
NORTH CENTRAL	44	54	44	27	19	31	219	302	554	514	1333
Ohio	6	7	6	4	3	3	29	40	113	86	137
Indiana	10	13	12	4	5	6	50	39	30	18	48
Illinois	7	5	3	3	1	9	28	42	70	74	177
Michigan	7	7	4	3	5	4	30	25	132	115	236
Wisconsin	3	8	8	4	2	-	25	76	55	25	76
Minnesota	2	1	1	-	-	1	5	22	15	55	171
Iowa	3	3	1	-	-	1	8	15	68	29	79
Missouri	2	5	6	2	-	-	15	18	21	49	60
North Dakota	1	-	-	1	-	2	4	5	3	16	43
South Dakota	1	-	1	-	-	-	2	6	6	16	135
Nebraska	2	4	2	6	3	5	22	5	19	11	131
Kansas	-	1	-	-	-	-	1	9	22	20	40
NORTH WEST	11	9	9	8	4	4	45	138	121	131	185
Montana	3	2	3	2	1	1	12	11	20	34	22
Wyoming	-	3	-	1	-	-	4	1	15	8	8
Idaho	1	1	1	1	-	-	4	13	7	19	29
Washington	3	2	2	1	2	2	12	60	46	32	99
Oregon	4	1	3	3	1	1	13	53	33	38	27

\* National Office of Vital Statistics.

(CONTINUED ON BACK)

Table 1 (Continued)

State and Region	Cases Reported to NOVS* for Week Ending:						Six Week Total	Comparable Six Week Totals in:			
	11-24	12-1	12-8	12-15	12-22	12-29		1955	1954	1953	1952
SOUTH EAST	32	16	29	16	19	17	129	133	221	226	357
Delaware	-	-	-	-	-	1	1	1	12	1	4
Maryland	4	1	2	1	3	-	11	12	11	29	15
D. C.	-	-	-	-	-	-	-	3	4	3	7
Virginia	4	1	2	-	1	5	13	14	22	16	27
West Virginia	3	1	-	-	2	1	7	9	9	20	22
North Carolina	5	2	7	4	3	-	21	28	25	21	52
South Carolina	2	1	3	3	1	2	12	6	12	12	4
Georgia	1	1	2	1	-	-	5	10	16	9	21
Florida	6	3	6	3	-	1	19	22	52	73	63
Kentucky	3	2	4	1	2	2	14	11	28	17	83
Tennessee	1	2	3	1	3	2	12	5	22	14	40
Alabama	3	2	-	2	4	3	14	12	8	11	19
SOUTH CENTRAL	36	36	35	20	17	21	165	123	138	165	134
Mississippi	4	6	7	-	1	2	20	9	20	2	10
Arkansas	6	3	5	2	1	4	21	3	19	19	10
Louisiana	2	9	1	3	4	3	22	19	23	14	28
Oklahoma	3	2	-	2	1	-	8	8	9	25	21
Texas	21	16	22	13	10	12	94	84	67	105	65
SOUTH WEST	31	39	24	20	10	18	142	261	277	470	975
Colorado	1	8	1	2	-	2	14	10	9	8	58
New Mexico	-	3	2	2	-	2	9	7	8	5	38
Arizona	3	-	1	-	-	1	5	5	4	18	43
Utah	2	5	3	1	2	-	13	5	22	19	72
Nevada	-	-	-	-	-	1	1	5	1	2	23
California	25	23	17	15	8	12	100	229	233	418	741
TERRITORIES											
Alaska	-	-	-	-	-	-	-	-	14	2	27
Hawaii	-	-	-	1	-	-	1	33	6	12	10
Puerto Rico	-	-	-	-	-	-	-	2	85	1	7

\* National Office of Vital Statistics.

(CONTINUED ON BACK)

VACCINATED CASES OF POLIOMYELITIS WITH INTERVALS OF 30 DAYS OR LESS  
(PSU Accepted Cases December 12 - December 31, 1956)

PSU Case No.	County	Ini- tials	Age	Sex	Date Inoc.	Date	Date	Site	Site	Mfr.	Lot No.	Remarks
						1st Symp.	1st Para.	Inoc.	1st Para.			
						<u>NEW</u>						
Kans-11	Clay	EM	33	M	9-25 10-26	11-23	11-23	RA LA	LA	L L	676318 676318	
Miss-45	Forrest	JEA	5	M	9-27	10-11	None	LA	None	L	679909	
Miss-46	Forrest	JGB	4	M	11-13	11-16	None	LA	None	SD	35353	Spinal fluid, 170 cells.
Miss-47	Forrest	HA	6	M	9-27 11-14	11-17	None	LA LA	None	L SD	679909 35353	
Miss-48	Forrest	JCA	3	M	9-27 11-14	11-18	None	LA LA	None	L SD	679909 35353	
NY-253	Oswego	ER	28	F	11-12	11-16	?	Arm	?	L	679902	
La-71	E. Baton Rouge	EC	9	M	4-27 10-26	11-16	None	RA RA	None	L L	? 679903	Spinal fluid, 38 cells.
La-72	Bossier	DMcG	2	F	3-23 4-19	4-30	None	? ?	None	L L	? ?	Type III poliovirus isolated.
NY-254	Nassau	WW	4	M	6-19 7-13	8-3	None	LA LA	None	L L	676306 676312	
Cal-279	Fresno	RD	12	M	8-30	9-8	9-24	RA	Legs	PD	029850A	

PSU Case No.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	Site Inoc.	Site 1st Para.	Mfr.	Lot No.	Remarks
-----------------	--------	---------------	-----	-----	---------------	----------------------	----------------------	---------------	----------------------	------	------------	---------

NEW (CONTINUED)

Wisc-107	Vernon	RJP	18	M	8-8	8-23	8-24	LA	?	L	?	
----------	--------	-----	----	---	-----	------	------	----	---	---	---	--

REVISIONS  
(Revised Items Underlined)

NY-201	Monroe	RC	6	M	<u>5-17</u>	5-29	<u>5-31</u>	<u>LA</u>	Bulbar	L	663619	
NY-202	Orange	DK	12	M	4-24 5-23	6-11	None	<u>Arm</u> <u>Arm</u>	None	PD L	029858A 663619	
NY-204	Erie	HM	1	M	7-2	<u>7-11</u>	?	?	Legs	L	669950	
NY-206	Suffolk	RP	34	F	7-13	7-13	7-15	<u>RA</u>	RA	L	669950	
NY-210	Jefferson	<u>DMcN</u>	3	M	6-13 8-3	8-11	None	<u>RA</u> <u>LA</u>	None	L L	669950 676309	
NY-211	Genesee	<u>DLB</u>	<u>2</u>	M	7-2	7-13	None	<u>LA</u>	None	L	676306	
NY-212	Erie	<u>JO*L</u>	<u>12</u>	F	8-2	8-8	?	<u>LA</u>	?	L	676306	
NY-213	Broome	WH	5	M	5-18	5-20	<u>5-21</u>	LA	?	L	669950	
NY-214	Jefferson	RS	3	M	6-13 8-3	8-11	None	<u>LA</u> <u>LA</u>	None	L L	669950 676300	
NY-215	Nassau	FH	12	F	7-16	<u>7-16</u>	None	<u>RA</u>	None	L	676309	
NY-216	St. Lawrence	MH	7	F	6-4	<u>6-4</u>	<u>None</u>	LA	<u>None</u>	SD	29839	
NY-217	St. Lawrence	<u>DROPPED***NOT VACCINATED*****</u>										



PSU Case No.	County	INI- tials	Age	Sex	Date Inoc.
NY-218	Ontario	<u>JAK</u>	<u>26</u>	F	8-20
NY-219	Erie	<u>RD</u>	<u>27</u>	M	8-9
NY-220	Suffolk	LA	5	<u>F</u>	6-30 8-25
NY-222	Schoharie	<u>RMcK</u>	5	M	8-7 8-28
NY-224	Cayuga	RL	9	F	4-?-55 5-?-55 7-27-56
NY-225	Suffolk	CA	6	F	6-20 8-25
NY-227	St. Lawrence	<u>MMcD</u>	6	F	9-4
NY-228	Cayuga	<u>WW</u>	4	M	7-19 8-22
NY-229	Onondaga	<u>PAS</u>	<u>4</u>	F	9-24
NY-230	St. Lawrence	JN	24	M	9-10
NY-232	Broome	RS	5	M	9-27
NY-233	Broome	JD	3	M	9-27
NY-234	St. Lawrence	JG	<u>16</u>	F	9-12

Date lst Symp.	Date lst Para.	Site Site Inoc.	Site lst Para.	Mfr.	Lot No.	Remarks
----------------------	----------------------	-----------------------	----------------------	------	------------	---------

REVISIONS (CONTINUED)

8-22	None	LA	None	L	679902	
8-16	?	LA	?	L	669093	
9-2	None	?	None	L	669952	
		?		L	676309	
8-30	<u>9-2</u>	LA	<u>RL</u>	L	676306	
		LA		L	676306	-- W 25601
<u>8-20</u>	None	?	None	?	?	
		?		?	?	
		<u>Arm</u>		<u>L</u>	676306	
9-5	None	?	None	L	669952	
		?		L	676309	
9-9	<u>9-10</u>	<u>LA</u>	Bulbar	L	679909	
9-3	None	<u>Arm</u>	None	<u>L</u>	676305	
		<u>Arm</u>		<u>L</u>	676306	
9-25	None	<u>Arm</u>	None	L	676305	
9-24	<u>9-27</u>	LA	<u>LA</u>	L	679909	
10-4	10-6	?	<u>LL</u>	L	679909	
10-1	10-3	RA	<u>Legs</u>	L	679909	
9-19	<u>9-19</u>	LA	<u>LL</u>	PD	029844A	

PSU Case No.	County	Ini- tials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para.	Site Inoc.	Site 1st Para.	Mfr.	Lot No.	Remarks
<u>REVISIONS (CONTINUED)</u>												
NY-235	St. Lawrence	BG	11	F	9-12	<u>9-23</u>	None	LA	None	PD	029844A	
NY-236	St. Lawrence	<u>JCC</u>	<u>10mos.</u>	M	9-5	9-13	<u>9-15</u>	LA	<u>RA</u>	L	679909	
NY-237	Broome	CD	8	M	9-27	10-2	10-9	<u>LA</u>	<u>Neck</u>	L	679909	
NY-238	St. Lawrence	KMcD	8	F	9-4	9-22	<u>9-24</u>	LA	Bulbar	L	679909	
NY-240	St. Lawrence	SD	5	F	8-16	8-31	<u>9-1</u>	LA	<u>Neck</u>	L	676309	
NY-241	Westchester	<u>DROPPED***NOT VACCINATED*****</u>										
NY-242	St. Lawrence	EC	6	F	9-7	9-11	<u>9-16</u>	<u>LA</u>	Bulbar	L	679909	
NY-243	Nassau	JV	20	M	<u>8-8</u> 8-31	8-31	None	<u>LA</u> <u>LA</u>	None	? L	? 676316	
NY-244	Cattaraugus	EA	16	F	8-30	9-16	None	LA	None	L	676319	<u>CSF Negative.</u>
NY-245	St. Lawrence	<u>ADP</u>	<u>15mos.</u>	M	9-7	<u>9-24</u>	<u>9-27</u>	LA	<u>LL</u>	L	679909	