

FOR ADMINISTRATIVE USE

CDC POLIOMYELITIS SURVEILLANCE REPORT

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U.S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
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COMMUNICABLE DISEASE CENTER

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SPECIAL NOTE

Information presented in this report represents a summary of preliminary data regarding poliomyelitis and polio-like diseases reported to CDC from State Health Departments, participating diagnostic and reference laboratories, Epidemic Intelligence Service Officers, National Office of Vital Statistics, and other pertinent sources. It is to be emphasized that these data are provisional and intended for the information and administrative use of physicians involved in investigation and control of poliomyelitis and polio-like diseases. Anyone desiring to quote this information is urged to contact the person or persons responsible for the items reported in order that the exact interpretation of the report and the current status of the investigation be obtained.

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A. CURRENT POLIOMYELITIS MORBIDITY TRENDS

The total of 112 poliomyelitis cases for the week ending October 26 represents the same total as was reported to the National Office of Vital Statistics for the preceding week. Two weeks ago the total was 169 cases. Figure 1 presents the national poliomyelitis incidence curves by weeks for the years 1947, 1952 through 1956, and to date in 1957. The total of 112 cases is lower than that reported for the comparable week in any of the years from 1940 to 1956. Cumulative totals to date this year are lowest since 1942. Incidence for the 43rd week, cumulative totals and yearly totals are presented below for the years 1942, 1947, 1952, 1955, 1956, and 1957.

	<u>1957</u>	<u>1956</u>	<u>1955</u>	<u>1952</u>	<u>1947</u>	<u>1942</u>
<u>43rd Week</u>	112	322	749	2115	333	140
<u>Cumulative through</u> <u>43rd Week</u>	5485	13906	26513	49598	9142	3376
<u>Total for the Year</u>	-	15463	29324	57440	10789	4190

Table 1 presents total reported cases by state and region, and paralytic cases by region, for the past six weeks and for comparable six-week periods of the last four years. Of the 112 total notifications, 73 were recorded as paralytic, an increase over the 61 paralytic cases reported last week. Of the 73 paralytic cases, 26 were reported throughout the South Eastern Region, and 20 from the North Central Region. The remaining 27 paralytic cases were distributed among the other geographic regions.

B. PRELIMINARY AGE DISTRIBUTION ANALYSIS OF 1957 POLIOMYELITIS CASES

As a part of the continuing National Poliomyelitis Surveillance Program, State* and Territorial Health Departments are participating in an analysis of current trends in the epidemiology of poliomyelitis. A total of 39 states and territories have contributed monthly listings to PSU covering poliomyelitis cases with onsets January through August, 1957**, including data on age, sex, race, onset date, paralytic status and vaccination history.

Some preliminary data from 26 states* and territories on poliomyelitis cases with onsets January through June 1957 were presented in PSU Report No. 123. The provisional and partially complete data are reviewed in this report for 2808 cases including 1027 paralytic, 1704 nonparalytic and 77 unspecified. The numbers of cases upon which these preliminary analyses are based remain relatively small and interpretations of the data must therefore be guarded. However, sufficiently detailed tabulations are presented to indicate trends; further data will be required for conclusive documentation of these trends.

* The District of Columbia is included as a state.

** August data are not yet available for 6 of these states; January-July cases only are included for these 6 states.

In Table 1 the cases are presented by geographic region and paralytic status. The largest numbers have been reported from the North Central and South Central regions. However, in the North Central region, the proportion of cases reported as paralytic is particularly low, with a ratio of approximately three nonparalytic to one paralytic. In the other regions the proportion paralytic of cases with paralytic status specified ranges from 35 percent (South West) to 51 percent (South East), and for all the states participating is 37 percent. In all regions except the South East and North West these figures are lower than the proportions reported paralytic in the 1956 Age Distribution Analysis. The regional comparisons as to percent paralytic are also shown in Table 1 for the years 1955, 1956 and 1957.

The overall percentage age distribution of paralytic cases thus far in 1957 is notably similar to that recorded for preliminary data in 1956. However, as shown in the table below, a progressive increase has been recorded in the proportion of cases in the 0-4 year age group during the years 1952, 1955, 1956, and 1957.

PERCENTAGE DISTRIBUTION BY AGE GROUPS
PARALYTIC POLIOMYELITIS IN THE U.S.
in 1952, 1955, 1956, and 1957*

Age Group	1952	1955	1956	1957
0-4	29	32	42	46
5-9	24	21	16	16
10-14	13	12	11	7
15 plus	33	34	32	31
Total	99%	99%	101%	100%

* Based on provisional data including 21,971 cases from 22 states in 1952, 18,378 cases from 34 states in 1955, 13,577 cases from 45 states in 1956, and 1027 cases from 39 states through August in 1957. Unspecified cases are excluded.

Table 2 shows the percentage distributions of paralytic cases by five-year age groups for each of the six geographic regions of the United States, two territories and the total. Age distribution patterns are similar in the North East, North Central and North West regions, with a larger proportion of cases in adults than in the 0-4 year children. A contrasting pattern is seen in the South East and South Central Regions where the 0-4 year group predominate (63 and 61 percent), with adults contributing only 13 and 15 percent of cases. The South West region is intermediate.

Table 3 presents 1957 cases by geographic regions and by vaccination and paralytic status. Among all vaccinated cases less than one-fourth have been reported as paralytic (235 paralytic cases compared to 907 nonparalytic cases). In unvaccinated cases, however, approximately half are paralytic (722 paralytic compared to 733 nonparalytic).

Table 4a presents the percent of cases reported as vaccinated by paralytic status and age group. Of all paralytic cases, 25 percent are in vaccinated individuals, whereas 55 percent of nonparalytic cases give a history of vaccination. The percentage of both paralytic and nonparalytic cases reported as vaccinated was higher among children in the 5-9 and 10-14 age groups than among other age groups.

The frequency of paralysis is shown in Table 4b by age group for vaccinated and unvaccinated cases. The proportion paralytic among total vaccinated cases (21 percent) is lower than among unvaccinated (50 percent). Within each age group, a lower frequency of paralysis is apparent among vaccinated than among unvaccinated cases.

Further analysis of vaccinated cases by age group, paralytic status and number of inoculations is shown in Table 5. A progressive decrease in proportion paralytic is apparent, from 39 percent for cases which had received one dose of vaccine to 14 percent for triply-vaccinated cases. Number of doses was unknown for 212 vaccinated cases, however, and interpretation of these data must be guarded.

The racial distribution of 1957 cases is presented in Tables 7a and 7b. Among all white cases, 37 percent have been reported as paralytic, compared with a greater proportion, 56 percent, in the nonwhite group. Table 6 also presents cases by race and paralytic status for the geographic regions of the U.S. Small numbers are involved in the non-white groups, however, and with variations in reporting practices and other population differences, it is difficult to draw conclusions as to the significance of these data.

In Table 7a, comparison by racial and age groups of the percentage of paralytic poliomyelitis cases reported as vaccinated shows a slightly higher proportion vaccinated in the white group (26 percent) than in the non-white (18 percent).

Table 7b shows the percent distribution by age of paralytic poliomyelitis cases in white and non-white individuals. In both racial groups the paralytic cases tended to concentrate in the 0-4 age group; however, this tendency was more marked in the nonwhite, with 72 percent of cases under age five, than in whites, with 39 percent in this pre-school age group. Similar relative age and race distribution patterns were recorded for paralytic cases in 1956.*

* These raw age distribution data have not been adjusted for racial difference in age-specific populations. Such adjustments would probably not alter the relative concentrations of white and nonwhite cases in the 0-4 age group, but would probably reduce the apparent difference in the proportion of white cases over age 20 compared to nonwhite.

C. ROUTINE POLIOMYELITIS SURVEILLANCE

1. Under-30-Day vaccinated cases. Five paralytic poliomyelitis cases with onset within 30 days of a polio vaccine inoculation were reported to PSU during the week ending October 30; no nonparalytic under-30-day cases were reported. The paralytic cases are reviewed briefly below and in detail in Table 8.

Of the five paralytic cases, three followed inoculation with Sharpe & Dohme vaccine, lot number 39185 (450,000 cc's distributed to 45 states and territories in August and September). These three cases were reported from the District of Columbia which has experienced relatively high incidence this year and where heavy vaccination programs were undertaken. In none was there correlation of site of inoculation and site of first paralysis. No other cases have been reported to PSU in association with this lot of vaccine.

West Virginia reported a paralytic case which developed symptoms six days following second polio vaccine inoculation. Site of inoculation was right arm and first paralysis developed in the right arm. The vaccine used was Sharpe and Dohme, lot number 39177 (157,000 cc's distributed to 26 states in April and May). One other paralytic case (site of paralysis not correlated with site of inoculation) has been reported to PSU in association with this lot of vaccine.

The fifth paralytic case, reported from the District of Columbia, followed a single inoculation. Site of inoculation, paralysis, and vaccine manufacturer and lot number were not reported.

California submitted a revision of paralytic status on a case listed as nonparalytic in PSU Report No. 125. This case, in its revised form, is listed in Table 8, along with the other paralytic cases reported during the week ending October 30.

2. Triply-Vaccinated Cases. Reports of 21 paralytic and 37 non-paralytic triply-vaccinated poliomyelitis cases were received during the week ending October 30.

The paralytic triply-vaccinated cases are listed in Table 9. PSU has now received reports of 97 paralytic and 427 nonparalytic cases in triply-vaccinated individuals with onset of symptoms in 1957.

3. Vaccine Distribution. Current and cumulative vaccine releases, shipments, and inventory estimates are presented in Table 10.

* * * * *

The next Poliomyelitis Surveillance Report will be distributed November 15, 1957.

Figure 1: CURRENT U.S. POLIO INCIDENCE
COMPARED WITH YEARS 1952-1956

DATA PROVIDED BY NATIONAL OFFICE OF VITAL STATISTICS

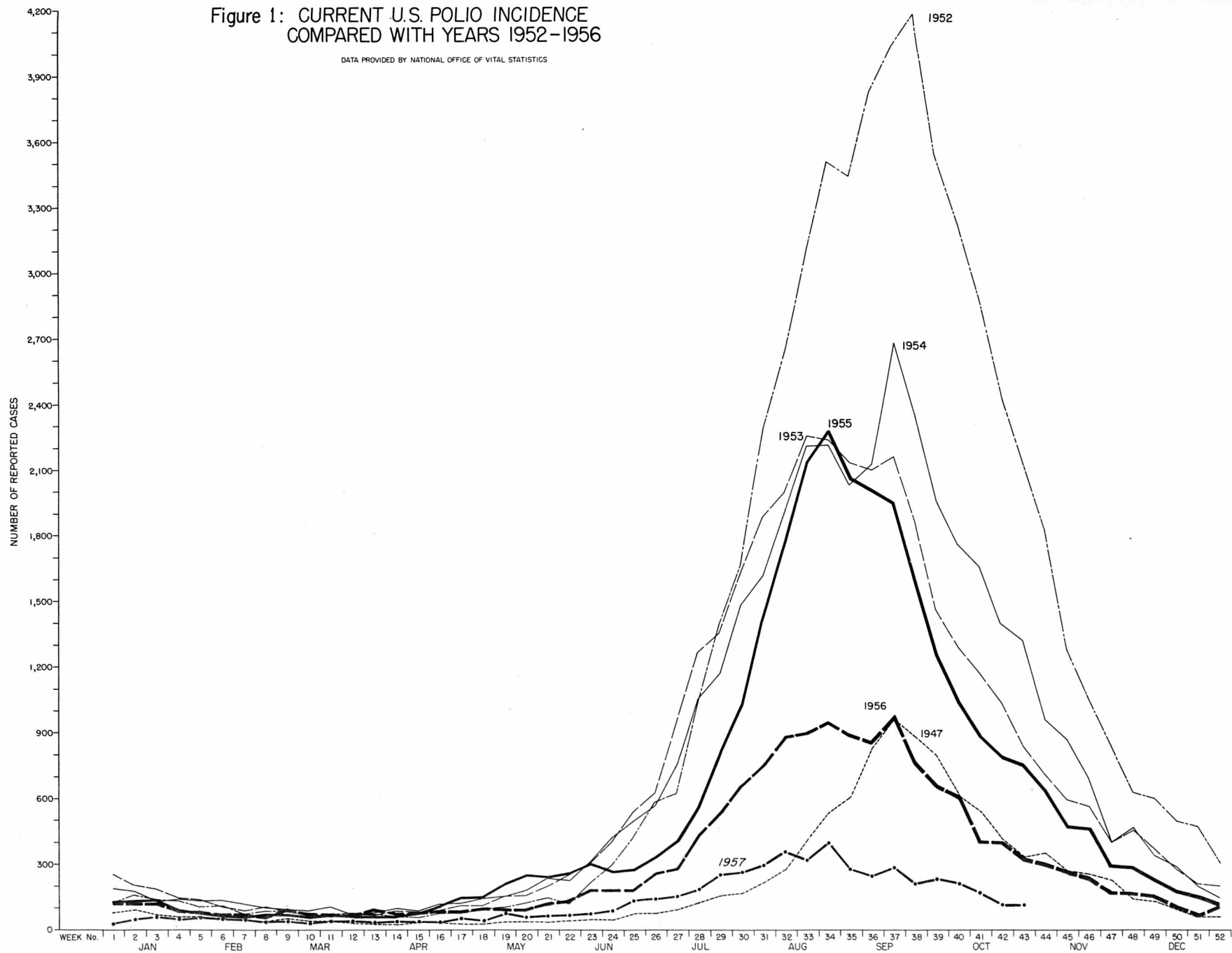


Table A

TREND OF 1957 POLIOMYELITIS INCIDENCE

State and Region	Cases Reported to NOVS* for Week Ending:						Six Week Total	Comparable Six Week Totals in:			
	9-21	9-28	10-5	10-12	10-19	10-26		1956	1955	1954	1953
UNITED STATES											
Paralytic	82	105	103	88	61	73	512	1210	2443		
Nonparalytic	94	95	63	64	33	27	376	1298	2267		
Unspecified	37	31	45	17	18	12	160	635	1579		
Total	213	231	211	169	112	112	1048	3143	6289	10417	7638
NORTH EAST											
Paralytic	5	6	10	7	6	6	40	107	790		
Total	13	21	27	18	13	8	100	397	2298	2330	2061
Maine	-	-	-	-	-	1	1	2	59	51	77
New Hampshire	-	-	-	-	-	-	-	-	34	34	23
Vermont	-	-	1	-	-	-	1	5	27	24	40
Massachusetts	1	2	-	1	1	-	5	18	806	386	196
Rhode Island	-	-	-	-	-	-	-	-	135	49	96
Connecticut	1	2	-	3	1	-	7	20	150	127	94
New York	5	11	15	12	6	4	53	226	721	814	897
New Jersey	6	6	4	1	3	-	20	54	202	319	209
Pennsylvania	-	-	7	1	2	3	13	72	164	526	429
NORTH CENTRAL											
Paralytic	25	33	41	28	16	20	163	399	702		
Total	96	84	93	61	41	32	407	1257	2005	3871	2971
Ohio	9	9	16	6	9	6	55	171	288	831	682
Indiana	5	14	10	3	5	8	45	97	112	279	111
Illinois	18	17	18	22	7	4	86	224	320	758	419
Michigan	42	25	25	23	15	5	135	180	242	594	580
Wisconsin	6	3	3	2	-	2	16	164	673	232	249
Minnesota	2	3	6	1	1	1	14	50	108	190	470
Iowa	9	6	2	1	-	1	19	153	67	370	89
Missouri	2	4	5	2	1	3	17	91	49	192	163
North Dakota	1	1	1	-	-	-	3	18	11	28	49
South Dakota	-	-	1	-	-	-	1	6	16	35	44
Nebraska	1	2	4	1	-	-	8	62	59	178	25
Kansas	1	-	2	-	3	2	8	41	60	184	90
NORTH WEST											
Paralytic	1	1	2	2	-	4	10	38	200		
Total	3	6	3	3	-	4	19	108	372	387	306
Montana	1	-	-	2	-	-	3	10	51	47	64
Wyoming	1	1	-	-	-	-	2	7	2	69	13
Idaho	-	4	2	-	-	-	6	10	37	36	23
Washington	-	1	1	1	-	-	3	43	164	143	113
Oregon	1	-	-	-	-	4	5	38	118	92	93

* National Office of Vital Statistics.

(CONTINUED ON NEXT PAGE)

Table A (Continued)

State and Region	Cases Reported to NOVS* for Week Ending:						Six Week Total	Comparable Six Week Totals in:			
	9-21	9-28	10-5	10-12	10-19	10-26		1956	1955	1954	1953
SOUTH EAST											
Paralytic	26	45	25	22	15	26	159	192	261		
Total	47	73	43	39	25	36	263	416	594	1840	881
Delaware	-	-	-	1	-	-	1	10	5	36	5
Maryland	1	3	-	2	3	4	13	49	78	102	127
Dist. of Col.	6	7	2	1	2	5	23	2	9	23	10
Virginia	5	10	8	5	5	2	35	52	61	170	120
West Virginia	1	12	4	1	2	2	22	26	48	151	103
North Carolina	4	9	5	8	3	5	34	69	72	160	96
South Carolina	5	8	3	5	-	2	23	19	67	59	19
Georgia	2	3	1	1	2	4	13	32	62	136	61
Florida	4	3	4	3	-	4	18	76	52	604	175
Kentucky	6	9	5	4	3	3	30	34	56	206	56
Tennessee	6	9	11	4	5	5	40	23	53	149	59
Alabama	7	-	-	4	-	-	11	24	31	44	50
SOUTH CENTRAL											
Paralytic	9	11	17	14	10	5	66	201	230		
Total	19	22	26	23	12	10	112	388	511	746	331
Mississippi	-	-	1	1	2	1	5	68	16	66	21
Arkansas	2	2	4	1	1	-	10	46	25	60	44
Louisiana	4	6	4	5	4	1	24	96	80	78	47
Oklahoma	5	6	4	2	1	1	19	26	49	87	44
Texas	8	8	13	14	4	7	54	152	341	455	175
SOUTH WEST											
Paralytic	16	9	8	15	14	12	74	273	260		
Total	35	25	19	25	21	22	147	577	548	1243	1088
Colorado	1	3	2	1	2	-	9	36	33	100	23
New Mexico	2	-	-	2	1	-	5	14	20	63	20
Arizona	2	6	-	3	1	2	14	16	35	43	57
Utah	-	2	-	-	-	-	2	56	21	89	32
Nevada	-	-	-	-	-	-	-	6	8	17	7
California	30	14	17	19	17	20	117	449	431	931	949
TERRITORIES											
	3	1	4	2	-	-	10	16	71	80	20
Alaska	-	-	-	-	-	-	-	2	15	66	9
Hawaii	1	-	3	1	-	-	5	6	51	11	4
Puerto Rico	2	1	1	1	-	-	5	8	5	3	7

*National Office of Vital Statistics.

Table 1

REPORTED POLIOMYELITIS INCIDENCE
BY GEOGRAPHIC REGION AND PARALYTIC STATUS

Provisional Data from 34 States in 1955,
45 States in 1956, and 39 States through August** in 1957

	1957 CASES				PERCENT PARALYTIC*		
	<u>Paralytic</u>	<u>Nonparalytic</u>	<u>Unspecified</u>	<u>Total</u>	<u>1957 (2808 cases)</u>	<u>1956 (13,320 cases)</u>	<u>1955 (18,376 cases)</u>
UNITED STATES***	1006	1704	77	2787	37	54	52
North East	39	70	14	123	36	47	53
North Central	235	659	41	935	26	47	49
North West	29	24	2	55	55	55	71
South East	174	134	17	325	56	53	50
South Central	320	431	3	754	43	62	49
South West	209	386	-	595	35	64	51

* Excluding cases with paralytic status unknown

** August data are not yet available for six of these states; January - July cases only are included for these six.

*** The District of Columbia is included as a state.

Table 2

PARALYTIC POLIOMYELITIS IN SIX GEOGRAPHIC REGIONS AND TWO TERRITORIES
PERCENT DISTRIBUTION BY AGE GROUP

(Preliminary data from 39 States and Territories, January to August, 1957)

<u>Age Group</u>	<u>North East (39 cases)</u>	<u>North Central (235 cases)</u>	<u>North West (29 cases)</u>	<u>South East (174 cases)</u>	<u>South Central (320 cases)</u>	<u>South West (209 cases)</u>	<u>Hawaii and Puerto Rico (21 cases)</u>	<u>TOTAL</u>
0-4	26	26	24	63	61	38	62	46
5-9	21	22	10	14	15	12	14	16
10-14	5	9	17	6	4	10	10	17
15-19	10	12	3	4	5	6		7
20 /	38	31	45	13	15	33	14	24

Table 3

REPORTED 1957 POLIOMYELITIS INCIDENCE
BY PARALYTIC STATUS AND VACCINATION HISTORY
FOR SIX GEOGRAPHIC REGIONS AND TWO TERRITORIES

(Preliminary Data from 39 States and Territories, January to August, 1957)

	<u>P</u>	<u>Vaccinated</u>		<u>P</u>	<u>Unvaccinated</u>		<u>Incomplete Case History*</u>	<u>Total</u>
		<u>NP</u>	<u>Total</u>		<u>NP</u>	<u>Total</u>		
UNITED STATES	235	907	1142	722	733	1455	190	2787
North East	13	50	63	25	18	43	17	123
North Central	76	374	450	155	273	428	57	935
North West	8	6	14	20	16	36	5	55
South East	28	65	93	119	45	164	68	325
South Central	68	208	276	239	204	443	35	754
South West	42	204	246	164	177	341	8	595
TERRITORIES	<u>7</u>	<u>-</u>	<u>7</u>	<u>14</u>	<u>-</u>	<u>14</u>	<u>-</u>	<u>21</u>
TOTAL U. S. AND TERRITORIES	246	907	1149	736	733	1469	190	2808

* Paralytic status or vaccination history unknown.

Table 4a

PERCENTAGE OF POLIOMYELITIS CASES REPORTED AS VACCINATED,
BY PARALYTIC STATUS AND AGE GROUP
January - August, 1957*

Age Group	PARALYTIC CASES		NONPARALYTIC CASES	
	Number of Cases	Percent Vaccinated	Number of Cases	Percent Vaccinated
0-4	448	21	272	48
5-9	156	42	455	75
10-14	72	39	264	77
15-19	67	30	185	43
20+	<u>235</u>	<u>15</u>	<u>463</u>	<u>33</u>
All Ages	978	25	1639	55

Table 4b

FREQUENCY OF PARALYSIS IN POLIOMYELITIS CASES
BY AGE AND VACCINATION HISTORY
January - August, 1957*

Age Group	VACCINATED		NOT VACCINATED	
	Total Cases	Percent Paralytic	Total Cases	Percent Paralytic
0-4	223	41	497	72
5-9	406	16	205	44
10-14	232	12	104	42
15-19	99	20	153	31
20+	<u>188</u>	<u>19</u>	<u>510</u>	<u>39</u>
All Ages	1148	21	1469	50

* Preliminary data from 39 states and territories. Excluding 113 cases with vaccination status unknown, one with age unknown, and 77 with paralytic status unknown.

Table 5

VACCINATED POLIOMYELITIS CASES
BY AGE, PARALYTIC STATUS AND NUMBER OF INOCULATIONS*

(Preliminary data from 39 States and Territories, January to August, 1957)

Age Group	One		Two		Three or More	
	Cases	% Paralytic	Cases	% Paralytic	Cases	% Paralytic
0-4	36	64	94	49	61	21
5-9	40	40	108	16	172	12
10-14	24	33	63	11	101	8
15-19	15	27	45	20	26	23
20+	<u>41</u>	<u>22</u>	<u>85</u>	<u>19</u>	<u>26</u>	<u>19</u>
ALL AGES	156	39	395	24	386	14

* Excluding 212 cases with number of doses unknown

Table 6

REPORTED POLIOMYELITIS INCIDENCE BY RACE,
PARALYTIC STATUS AND GEOGRAPHIC REGION

(Preliminary data from 39 States and Territories, January to August, 1957)

	W H I T E			N O N W H I T E			Incomplete History*	Total
	<u>Paralytic</u>	<u>Nonparalytic</u>	<u>Total</u>	<u>Paralytic</u>	<u>Nonparalytic</u>	<u>Total</u>		
UNITED STATES	708	1238	1946	230	183	413	428	2787
North East	23	43	66	10	3	13	44	123
North Central	165	388	553	8	15	23	359	935
North West	28	22	50	1	2	3	2	55
South East	94	108	202	80	26	106	17	325
South Central	202	330	532	118	98	216	6	754
South West	196	347	543	13	39	52	-	595
TERRITORIES	<u>6</u>	<u>-</u>	<u>6</u>	<u>2</u>	<u>-</u>	<u>2</u>	<u>13</u>	<u>21</u>
TOTAL U. S. AND TERRITORIES	714	1238	1952	232	183	415	441	2787

* Race or paralytic status unknown.

Table 7a

PERCENTAGE OF PARALYTIC POLIOMYELITIS CASES REPORTED AS VACCINATED*
BY RACE* AND AGE GROUP**

Age Group	WHITE		NONWHITE	
	Number of Cases	Percent Vaccinated	Number of Cases	Percent Vaccinated
0-4	266	23	153	16
5-9	116	42	26	35
10-14	58	35	10	60
15-19	53	36	7	-
20+	<u>187</u>	<u>16</u>	<u>21</u>	<u>5</u>
All Ages	680	26	217	18

* Excluding 49 cases with vaccination status unknown and 81 cases with race unknown.

** Preliminary data from 39 states and territories, January - August, 1957.

Table 7b

PARALYTIC POLIOMYELITIS IN WHITE AND NONWHITE INDIVIDUALS*
PERCENT DISTRIBUTION BY AGE**

Age Group	White (714 cases)	Nonwhite (232 cases)
0-4	39	72
5-9	17	11
10-14	9	4
15-19	8	3
20+	27	9

* Excluding 81 cases with race unknown.

** Preliminary data from 39 states and territories,
January - August, 1957.

Table 8

PARALYTIC POLIOMYELITIS OCCURRING WITHIN 30 DAYS OF LAST VACCINE INOCULATION

Cases Reported to PSU October 24 through October 30, 1957

PSU Case No.	County	Ini- tials	Age	Sex	Date Inoc.	Mfr.	Lot No.	Date First Symp.	Date First Paral.	Site Inoc.	Site First Paral.	Extent Paral.	Remarks
D.C.-6	Washington	DM	8 mos.	F	9-12	SD	39185	9-27-57	?	LA	?	Bulbar	
D.C.-7	Washington	JH	18 mos.	M	8-?	SD	39185	9-6-57	?	?	Face		
D.C.-8	Washington	RB	3	M	?	?	?	?	?	?	RA		
					?	?	?			?			
					9-16	SD	39185	9-16-57	?	LA			
D.C.-9	Washington	KB	4	M	9-?	?	?	9-13-57	?	?	?		
W.Va.-29	Mercer	EWB	1	M	8-15	SD	39177	9-18-57	9-18	RA	RA	Both Legs.	
					9-12	SD	39177			RA			
<p style="text-align: center;"><u>REVISION</u> Revised Items Underlined</p>													
Cal-318	Orange	PR	4	F	<u>6-17</u>	<u>SD</u>	?	6-22-57	<u>6-22</u>	<u>LA</u>	<u>LL</u>		<u>Spinal fluid,</u> <u>126 cells.</u>

Table 9

1957 PARALYTIC POLIOMYELITIS CASES FOLLOWING THREE INOCULATIONS OF VACCINE
(Reports October 17 through October 30, 1957)

3 V Case No.	State	County	Ini- tials	Age	Sex	Date 1st Symp.	Cerebro- Spinal Fluid	Site of Para.	Dates of Vacc. Inoc.	Mfr.	Lot No.
119	Texas	Harris	CB	11	F	9-18-57	49 cells	LA, Legs	5-54 6-54 4-55	? ? ?	? ? ?
120	Texas	Harris	BWH	3	M	9-18-57	50 cells	RA,LL	7-21-56 8-31-56 4-1-57	L L L	? ? ?
121	D. C.	Washington (Preliminary Report)	RB	3	M	9-16-57		RA	? ? 9-16-57	? ? SD	? ? 39185
122	D. C.	Washington (Preliminary Report)	GB	2	M	9-7-57		?	? ? ?	? ? ?	? ? ?
123	Illinois	Boone (Preliminary Report)	JW	13	M	8-25-57		?	? ? ?	? ? ?	? ? ?
124	Illinois	Clay (Preliminary Report)	KS	9	M	8-22-57		?	? ? ?	? ? ?	? ? ?
125	Illinois	Jackson (Preliminary Report)	DB	8	M	8-25-57		?	? ? ?	? ? ?	? ? ?

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Table 9 (Continued)

3 V Case No.	State	County	Ini- tials	Age	Sex	Date 1st Symp.	Cerebro- Spinal Fluid	Site of Para.	Dates of Vacc. Inoc.	Mfr.	Lot No.
126	Illinois	Peoria (Preliminary Report)	RF	10 $\frac{1}{2}$	M	8-25-57		?	? ? ?	? ? ?	? ? ?
127	Illinois	Peoria (Preliminary Report)	NG	10	F	8-27-57		?	? ? ?	? ? ?	? ? ?
128	Illinois	Pike (Preliminary Report)	BMcC	4	M	8-9-57		?	? ? ?	? ? ?	? ? ?
129	Illinois	Rock Island (Preliminary Report)	MH	26	F	8-20-57		?	? ? ?	? ? ?	? ? ?
130	Illinois	Tazewell (Preliminary Report)	MKW	6	F	8-19-57		?	? ? ?	? ? ?	? ? ?
131	Mississ.	Sunflower	VMM	6	F	7-30-57		LL	6-9-56 8-3-56 2-4-57	PD W L	029854B 25402 683452
132	Colorado	Pueblo (Preliminary Report)	MH	8	F	9-5-57		?	? ? ?	? ? ?	? ? ?
133	Colorado	Mesa (Preliminary Report)	GB	6	M	9-6-57		?	? ? ?	? ? ?	? ? ?

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Table 9 (Continued)

3 V Case No.	State	County	Ini- tials	Age	Sex	Date 1st Symp.	Cerebro- Spinal Fluid	Site of Para.	Dates of Vacc. Inoc.	Mfr.	Lot No.
134	Wisconsin	Milwaukee (Preliminary Report)	TS	7	M	7-3-57		?	? ? ?	? ? ?	? ? ?
135	S. Dakota	Grant (Preliminary Report)	Mrs. M.G.	28	F	9-9-57		?	? ? ?	? ? ?	? ? ?
136	Idaho	Minidoka	RS	6 $\frac{1}{2}$	M	1-24-57		RL	May? June? 1-1-57	? ? ?	? ? ?
137	Connecticut	Hartford	MLG	9	F	9-28-57	12 cells	RL	?-1955 ?-1955 6-17-57	? ? ?	? ? ?
138	Connecticut	Fairfield	MM	8	F	9-1-57	245 cells	Neck	1-1-56 2-2-56 12-22-56	? ? ?	? ? ?
139	Illinois	Cook (Preliminary Report)	BB	5	M	9-1-57		?	? ? ?	? ? ?	? ? ?

Table 10

POLIOMYELITIS VACCINE REPORT through 10-25-57

(Data provided by the Polio Vaccine Activity, BSS, USPHS.
Listed in 1000's of cc's of Net Bottled Vaccine)

VACCINE RELEASES

<u>Period</u>	<u>Lilly</u>	<u>Parke, Davis</u>	<u>Pitman- Moore</u>	<u>Wyeth</u>	<u>Sharpe & Dohme</u>	<u>Cutter</u>
July	5,047	1,843	1,239	378	1,015	-
August	5,840	3,704	1,339	394	864	-
September	10,332	2,603	2,664	257	1,028	-
October 1-25	1,015	1,193	1,347	-	515	-
Cumulative to date	130,930	33,928	33,538	9,623	10,921	401

VACCINE SHIPPED

<u>Period</u>	<u>NFIP</u>	<u>Public Agencies</u>	<u>Commercial Channels</u>	<u>Export</u>	<u>Total</u>
1955	13,541	7,893	6,233	-	27,667
1956	194	45,588	24,784	6,477	77,043
1957					
January - June	151	36,044	23,760	6,385	66,970
July	-	4,642	4,903	327	9,871
August	-	4,133	4,037	1,099	9,269
September	1	3,036	3,654	1,272	7,962
October 1 - 18	1	223	170	1,073	1,466
Cumulative Totals	13,887	102,189	67,541	16,634	200,250

VACCINE INVENTORY

<u>Week Ending</u>	<u>10/18/57</u>	<u>10/11/57</u>	<u>10/4/57</u>
Vaccine Unshipped by Manufacturers	18,076	16,722	16,487