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U. S. DEPARTMENT OF

HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE COMMUNICABLE DISEASE CENTER Clarence A. Smith, Chief Epidemiology Branch Alexander D. Langmuir, Chief Surveillance Section E. Russell Alexander, Chief Atlanta 22, Georgia

## SPECIAL NOTE

This report is intended for the information and administrative use of those involved in the investigation and control of poliomyelitis and polio-like diseases. It presents a summary of provisional information reported to CDC from State Health Departments, the National Office of Vital Statistics, Virology Laboratories, Epidemic Intelligence Service Officers, and other pertinent sources. Since much of the information is preliminary in nature, confirmation and final interpretation should be determined in consultation with the original investigators prior to any further use of the material.

## SUMMARY

Reports of total and paralytic cases of poliomyelitis received by the NOVS during the 44th week indicate the downward trend of disease incidence expected at this time of year.

Descriptive accounts of a recent outbreak in Missouri and of the declining epidemic in Baltimore are included along with a report from Pennsylvania.

The fatalities reported to PSU thus far in 1960 are presented by age group and vaccination history.

## 1. CURRENT POLIOMYELITIS MORBIDITY TRENDS

A total of 87 cases of poliomyelitis, 63 paralytic, was reported to the National Office of Vital Statistics during the 44 th week ending November 5. As illustrated in Figure I, the number of total and paralytic cases reported this week continues the declining trend expected at this time of year. The Figure demonstrates also that while the number of total cases of poliomyelitis during the current week has fallen below the comparable total of 1957, paralytic case incidence remains above that of 1957.

The table below compares current six-week summations of total and paralytic cases with those of recent years. The greater reporting of paralytic disease this year than in 1957 is supported also by these seasonal figures.

## POLIOMYELITIS

TOTAL FOR 39th THROUGH 44th WEEKS FOR PAST FIVE YEARS

|  | $\underline{1960}$ | $\underline{1959}$ | $\underline{1958}$ | $\underline{1957}$ | $\underline{1956}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Paralytic | 543 | 1,273 | 905 | 476 | 1,060 |
| Total | 778 | 1,721 | 1,767 | 916 | 2,683 |

A decrease in case reporting is evident from 8 of the 9 National Regions (Table I), with delayed reports from Colorado accounting for a small increase in the Mountain Region. Aside from continued securrence of cases in Baltimore City and a newly reported outbreak in Missouri, no concentrations of disease are apparent.

## 2. REPORTS

## A. Missouri

A concentration of 10 cases of poliomyelitis, 9 paralytic, has occurred in Howell County, Missouri, according to Dr. E. A. Belden, epidemiologist, Missouri Department of Public Health and Welfare. The great majority of these patients reside in rural areas of the county. A preliminary line listing of the cases is presented below.

| Age | Race | Sex | Onset Date | Paralytic Status | Vaccination Status |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | W | F | 9-19 | P | OV |
| 9 | W | M | 9-26 | P | OV) Siblings |
| 6 | W | M | 9-30 | P | OV) Siblings |
| $1 \frac{1}{2}$ | W | M | 10-5 | P | ? |
| 17 | W | M | 10-13 | P | OV) Siblings |
| 19 | W | F | 10-13 | P | OV) Siblings |
| 8 | W | M | 10-14 | P | ? |
| 3 | W | M | 10-20 | NP | OV) Siblings |
| 13 | W | F | 10-20 | P | OV) Siblings |
| 12 | W | F | 10-21 | P | OV |

Preliminary 1960 census estimates indicate the population of Howell County to be 21,847 giving a paralytic attack rate of $41.2 / 100,000$, one of the more sizable rural attack rates this year. Most of the onset dates fall in October, and no case has been reported with onset after October 21. Of interest are the occurrence of disease in three sibling pairs as shown in the listing, the notably poor vaccination status, and the distribution of cases into age groups somewhat older than might be expected considering the nation-wide experience.

| Age Group | Cases |
| :---: | :---: |
| $0-4$ |  |
| $5-9$ | 3 |
| $10-14$ | 2 |
| $15-19$ | 2 |

## B. Maryland

During the ten-day period from October 26 to November 4, only 4 additional paralytic cases of poliomyelitis were reported to the Maryland State Health Department from the city of Baltimore. This brings the total number of cases in Baltimore during 1960 to 95 of which 91 are paralytic.

The outbreak continues to be confined mainly to the lower socioeconomic areas with the Negro attack rate of $14.4 / 100,000$ approximately double the attack rate of $7.8 / 100,000$ among the white population. As of this date, the latest case has had onset on October 24.

The paralytic cases are shown below by age group and vaccination status:

| Age | Doses of Vaccine |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Group | 0 | 1 | 2 | 3 | $4+$ | Unk. |  |
|  | 22 | 6 | 11 | 6 | 3 | 2 | Total |
| $5-4$ | 8 | 0 | 2 | 8 | 2 | 0 | 50 |
| $10-14$ | 1 | 0 | 0 | 5 | 1 | 0 | 20 |
| $15-19$ | 0 | 0 | 0 | 0 | 0 | 1 | 7 |
| $20+$ | 12 | 0 | 1 | 0 | 0 | 0 | 1 |
| Total | 43 | 6 | 14 | 19 | 6 | 3 | 13 |

C. Pennsylvania

A total of 113 cases of poliomyelitis, 92 paralytic, has been reported to the Pennsylvania Department of Health according to Dr. I. F. Gratch, Chief, Section of Epidemiology. Of the 7 cases reported this week, 3 are from Allegheny, 2 from Philadelphia, and 1 each from Susquehanna and Potter Counties. No concentration locally within these counties has been evident.

A review of Philadelphia reports this year shows occurrence of 6 cases of poliomyelitis, 5 paralytic, in the city since early August as shown below.

| Age | Race | Sex | Onset Date | Paralytic Status | Vaccination Status |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | N | M | 8-8 | P | 3V |
| 22 | N | F | 8-15 | NP | 4 V |
| 28 | W | F | 8-16 | P | OV |
| 18 | W | M | 9-31 | P | OV |
| 12 | N | M | 10-7 | P | 3V |
| 22 | W | M | 10-28 | P | OV Fatality |

Philadelphia has been the scene of an intensive vaccination program, and respense has been good according to local health authorities. The cases reported show no localization in the city, and make up a lower total to date than any other in recent years.
3. 1960 POLIOMYELITIS CASES REPORTED TO PSU

Through October 29, 1960, there have been 2,154 cases of poliomyelitis reported to the Poliomyelitis Surveillance Unit on individual case forms. Of these cases, 1,614 are paralytic, 487 nonparalytic and 53 unspecified as to paralytic status.

Thus, 77 percent of the 2,813 total cases reported to NOVS through October 29, have been reported to PSU. In addition, the 1,614 paralytic cases reported to PSU is 84 percent of the 1,922 paralytic cases reported to NOVS at that date. The cases reported to PSU are presented below in Table 3:

TABLE 3
POLIOMYELITIS CASES BY PARALYT IC STATUS, AGE GROUP AND VACCINATION HISTORY REPORTED ON PSU FORMS
(Through October 29, 1960)

|  | Paralytic |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Age <br> Group | Doses of Vaccine |  |  |  |  |  |  |  |
|  | 0 | 1 | 2 | 3 | $4+$ | Unk | Tot |  |
| $0-4$ | 397 | 80 | 83 | 86 | 28 | 36 | 710 |  |
| $5-9$ | 149 | 26 | 41 | 90 | 47 | 19 | 372 |  |
| $10-14$ | 32 | 13 | 10 | 42 | 17 | 12 | 126 |  |
| $15-19$ | 48 | 8 | 6 | 17 | 2 | 6 | 87 |  |
| $20-29$ | 128 | 17 | 12 | 12 | 5 | 8 | 182 |  |
| $30-39$ | 73 | 7 | 6 | 5 | 4 | 4 | 99 |  |
| $40+$ | 32 | 0 | 0 | 1 | 0 | 4 | 37 |  |
| Unk | 1 | 0 | 0 | 0 | 0 | 0 | 1 |  |
| TOtal | 860 | 151 | 158 | 253 | 103 | 89 | 1614 |  |
| PERCENT | 56.4 | 9.9 | 10.4 | 16.6 | 6.7 | - | 100.0 |  |
| DOSES |  |  |  |  |  |  |  |  |

Nonparalytic

| Age <br> Group | Doses of Vaccine |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 0 | 1 | 2 | 3 | $4+$ | Unk | Tot |  |
| $0-4$ | 55 | 13 | 12 | 19 | 16 | 8 | 123 |  |
| $5-9$ | 25 | 12 | 15 | 36 | 34 | 10 | 132 |  |
| $10-14$ | 7 | 6 | 1 | 26 | 24 | 1 | 65 |  |
| $15-19$ | 15 | 1 | 7 | 20 | 11 | 0 | 54 |  |
| $20-29$ | 21 | 7 | 5 | 24 | 12 | 8 | 77 |  |
| $30-39$ | 7 | 2 | 5 | 5 | 6 | 2 | 27 |  |
| $40+$ | 6 | 0 | 1 | 0 | 0 | 0 | 7 |  |
| Unk | $r$ | 0 | 0 | 1 | 1 | 0 | 2 |  |
| Total | 136 | 41 | 46 | 131 | 104 | 29 | 487 |  |
| PERCENT | 29.7 | 9.0 | 10.0 | 28.6 | 22.7 | - | 100.0 |  |
| DOSES |  |  |  |  |  |  |  |  |

There have been 122 fatalities due to poliomyelitis reported to PSU through October 29, 1960. In contrast to the great number of cases occurring in the pre-school age group, only 23 percent of the fatalities have been under 5 years of age. Of 117 fatalities with known vaccination history, 63 percent were unvaccinated while 18 percent had three or more doses of vaccine.

Attempts at virus isolation on 32 fatalities yielded 25 with poliovirus. Of these, 18 were type I poliovirus and 7 were type III. The fatalities are presented below by age group and vaccination status.
Age

Group | Doses of Vaccine |  |  |  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 0 | 1 | 2 | 3 | $4+$ | Unk | Tot |
| $0-4$ | 16 | 4 | 1 | 5 | 2 | 0 | 28 |
| $5-9$ | 5 | 2 | 1 | 6 | 2 | 0 | 16 |
| $10-14$ | 2 | 2 | 1 | 3 | 1 | 0 | 9 |
| $15-19$ | 4 | 2 | 0 | 0 | 0 | 0 | 6 |
| $20-29$ | 20 | 3 | 1 | 2 | 0 | 2 | 28 |
| $30-39$ | 15 | 2 | 3 | 0 | 0 | 1 | 21 |
| $40+$ | 12 | 0 | 0 | 0 | 0 | 2 | 14 |
|  |  |  |  |  |  |  | 122 |

## 4. ROUTINE POLIOMYELITIS SURVEILLANCE

During the period October 18 through 29, the Poliomyelitis Surveillance Unit received accounts of 20 cases of poliomyelitis, 17 paralytic (l correlated), with onsets within 30 days after inoculation. This brings the yearly total to date to 123 cases, 96 paralytic ( 9 correlated).

These newly reported cases and additional information on previously reported cases are presented in Table II.
(This report was prepared by the Poliomyelitis and Polio-1ike Diseases Surveillance Unit, Joseph Oren, M.D., Chief, Michael J. Regan, M.D., and Mr. Leo Morris, Statistician, with the assistance of Statistics Section, CDC.)

FIG. 1 COMPARED WITH YEARS 1955-1959, APR.-DEC., BY WEEK

PROVISIONAL DATA SUPPLIED BY NATIONAL OFFICE OF VITAL STATISTICS




Table I
TREND OF 1960 POLIOMYELITIS INCIDENCE

| State and Region | $\begin{gathered} \hline \text { Cumula- } \\ \text { tive } \\ 1960 \\ \hline \end{gathered}$ | Cases Reported to NOVS* For Week Ending |  |  |  |  | Six Week |  | Comparable Six <br> Weeks Totals in |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 10-1 | 10-8 | 10-15 | 0-22 | 10-29 | 11-5 | Total | 1959 | 1958 | 156\% |
| UNITED STATES |  |  |  |  |  |  |  |  |  |  |  |
| Paralytic | 1986 | 127 | 103 | 78 | 93 | 79 | 63 | 543 | 1273 | 905 | 4.76 |
| Nonparalytic | 602 | 30 | 24 | 26 | 22 | 19 | 10 | 131 | 342 | 539 | $30 ?$ |
| Unspecified | 311 | 22 | 5 | 17 | 25 | 21 | 14 | 104 | 106 | 253 | 1.33 |
| Total | 2899 | 179 | 132 | 121 | 140 | 119 | 87 | 778 | $1 \% 21$ | 1767 | 93.0 |
| NEW ENGLAND |  |  |  |  |  |  |  |  |  |  |  |
| Paralytic | 171 | 5 | 1 | 2 | 7 | 5 | 4 | 24 | 96 | 17 | 6 |
| Total | 218 | 7 | 3 | 3 | 8 | 7 | 4 | 32 | 106 | 19 | 12 |
| Maine | 43 | 2 | 1 | 1 | 4 | 5 | - | 13 | 47 | 2 | 1 |
| New Hampshire | - | - | - | - | - | - | - | - | 1 | - | - |
| Vermont | 9 | - | 1 | - | - | - | 2 | 3 | 3 | 3 | 1 |
| Massachusetts | 29 | 1 | 1 | - | 1 | - | - | 3 | 36 | 6 | 4 |
| Riode Island | 102 | 3 | - | - | - | 2 | 1 | 6 | 4 | - | - |
| Coinecticut | 35 | 1 | - | 2 | 3 | - | 1 | 7 | 15 | 8 | 6 |
| MIDDLS ATLANTIC |  |  |  |  |  |  |  |  |  |  |  |
| Paralytic | 302 | 21 | 20 | 11 | 10 | 17 | 10 | 89 | 188 | 102 | 33 |
| Total | 429 | 27 | 30 | 20 | 22 | 23 | 15 | 137 | 238 | 203 | 84 |
| New Ycrk | 236 | 11 | 15 | 10 | 12 | 11 | 7 | 66 | 159 | 90 | 54 |
| New jersey | 80 | 3 | 5 | 2 | 4 | 4 | 1 | 19 | 30 | 81 | 16 |
| Pennsylvania | 113 | 13 | 10 | 8 | 6 | 8 | 7 | 52 | 49 | 32 | 14 |
| EAST NORTH CENTRAL |  |  |  |  |  |  |  |  |  |  |  |
| Paralytic | 288 | 32 | 16 | 8 | 16 | 11 | 8 | 91 | 158 | 289 | 120 |
| Total | 493 | 38 | 21 | 16 | 26 | 23 | 16 | 140 | 297 | 802 | 287 |
| Ohio | 112 | 5 | 8 | 3 | 4 | 5 | 1 | 26 | 56 | 141 | 55 |
| Indiana | 120 | 12 | 2 | 4 | 9 | 8 | 9 | 44 | 35 | 43 | 52 |
| Inlinois | 137 | 6 | 6 | 3 | 5 | 2 | 4 | 26 | 96 | 80 | 72 |
| Mcbican | 89 | 9 | 4 | 4 | 8 | 5 | 1 | 31 | 94 | 518 | 96 |
| Wisconsin | 35 | 6 | 1 | 2 | - | 3 | 1 | 13 | 16 | 20 | 12 |
| WEST NORTH CENTRAL |  |  |  |  |  |  |  |  |  |  |  |
| Paralytic | 97 | 9 | 7 | 7 | 1 | 6 | 5 | 35 | 158 | 72 | 30 |
| Total | 157 | 13 | 8 | 11 | 2 | 7 | 6 | 47 | 239 | 115 | 57 |
| Minmesoza | 53 | 5 | 5 | 2 | 1 | 3 | 1 | 17 | 68 | 10 | 1.2 |
| İwa | 21 | 2 | - | - | - | - | - | 2 | 44 | 10 | 10 |
| Missouri | 41 | 2 | 3 | 3 | - | 4 | 5 | 17 | 94 | 64 | 16 |
| Nor th Dakota | 14 | 1 | - | 4 | - | - | - | 5 | 2 | 9 | 2 |
| South Dakota | 4 | - | - | - | - | - | - | - | - | 2 | 2 |
| Nebraska | 15 | 1 | - | 1 | 1 | - | - | 3 | 19 | 11 | 8 |
| Kansas | 19 | 2 | - | 1 | - | - | - | 3 | 12 | 9 | 7 |

[^0]Table 1 (Continued)

| $\begin{array}{r} \text { State } \\ \text { and } \end{array}$ | Cumula- Cases Reported to NOVS tive $\qquad$ For Week Ending: |  |  |  |  |  |  | Six Week Total | Comparable Six Weeks Totals in: |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pegion | 1960 | 10-1 | 10-8 | 10-15 | 10-22 | 10-29 | 11-5 |  | 1959 | 1958 | 1957 |
| SOUTH ATLANTIC |  |  |  |  |  |  |  |  |  |  |  |
| Paralytic | 414 | 33 | 35 | 26 | 33 | 20 | 19 | 166 | 233 | 138 | 104 |
| Total | 536 | 38 | 38 | 27 | 41 | 23 | 24 | 191 | 270 | 215 | 163 |
| Delaware | - | - | - | - | - | - | - | - | 2 | 6 | 1 |
| Maryland | 141 | 21 | 21 | 15 | 18 | 7 | 8 | 90 | 18 | 9 | 14 |
| D. C. | 5 | - | - | 2 | - | 3 | - | 5 | - | - | 17 |
| Virginia | 38 | 4 | 2 | 1 | 7 | 4 | 3 | 21 | 53 | 49 | 32 |
| West Virginia | 55 | 2 | 4 | 2 | 6 | 4 | 5 | 23 | 45 | 67 | 22 |
| North Carolina | 87 | 2 | 6 | 3 | 4 | 1 | 1 | 17 | 79 | 23 | 30 |
| South Carolina | 126 | 7 | 5 | - | 1 | 1 | 2 | 16 | 17 | 7 | 19 |
| Georgia | 20 | 1 | - | 2 | - | 1 | 1 | 5 | 34 | 15 | 13 |
| Florida | 64 | 1 | - | 2 | 5 | 2 | 4 | 14 | 22 | 39 | 15 |
| EAST SOUTH CENTRAL |  |  |  |  |  |  |  |  |  |  |  |
| Paralytic | 93 | 3 | 4 | 3 | 7 | 7 | 1 | 25 | 138 | 64 | 37 |
| Total | 232 | 20 | 7 | 20 | 17 | 16 | 5 | 85 | 169 | 100 | 68 |
| Kentucky | 129 | 17 | - | 14 | 10 | 7 | 4 | 52 | 44 | 26 | 25 |
| Tennessee | 44 | 1 | 4 | 5 | 1 | 3 | 1 | 15 | 86 | 31 | 34 |
| Alabama | 21 | 1 | 1 | - | 6 | - | - | 8 | 23 | 9 | 4 |
| Mississippi | 38 | 1 | 2 | 1 | - | 6 | - | 10 | 16 | 34 | 5 |
| WEST SOUTH CENTRAL |  |  |  |  |  |  |  |  |  |  |  |
| Paralytic | 165 | 10 | 6 | 11 | 5 | 3 | 4 | 39 | 92 | 116 | 60 |
| Total | 265 | 15 | 11 | 14 | 6 | 5 | 4 | 55 | 157 | 156 | 97. |
| Arkansas | 31 | 2 | 1 | 4 | - | 2 | - | 9 | 52 | 7 | 8 |
| Louisiana | 49 | - | 4 | - | 1 | - | 1 | 6 | 22 | 19 | 20 |
| Oklahoma | 17 | 2 | - | 2 | - | - | 1 | 5 | 17 | 6 | 14 |
| Texas | 168 | 11 | 6 | 8 | 5 | 3 | 2 | 35 | 66 | 124 | 55 |
| mountain |  |  |  |  |  |  |  |  |  |  |  |
| Paralytic | 45 | 5 | 1 | 2 | 3 | - | 6 | 17 | 15 | 23 | 15 |
| Total | 86 | 5 | 1 | 2 | 5 | 4 | 7 | 24 | 28 | 47 | 36 |
| Montana | 21 | 2 | - | - | 2 | 2 | 1 | 7 | 3 | 8 | 2 |
| Idaho | 9 | - | - | - | 2 | 1 | 1 | 4 | 1 | 3 | 6 |
| Wyoming | 19 | - | - | - | 1 | - | - | 1 | - | 6 | 1 |
| Colorado | 19 | 2 | - | 2 | - | - | 4 | 8 | 6 | 5 | 9 |
| New Mexico | 7 | 1 | - | - | - | - | - | 1 | 5 | 10 | 3 |
| Arizona | 5 | - | - | - | - | - | 1 | 1 | 9 | 11 | 13 |
| Utah | 6 | - | 1 | - | - | 1 | - | 2 | 2 | 3 | 2 |
| Nevada | - | - | - | - | - | - | - | - | 2 | 1 | - |
| PACIFIC |  |  |  |  |  |  |  |  |  |  |  |
| Paralytic | 411 | 9 | 13 | 8 | 11 | 10 | 6 | 57 | 195 | 84 | 71 |
| Total | 473 | 16 | 13 | 8 | 13 | 11 | 6 | 67 | 217 | 110 | 112 |
| Alaska | 2 | - | - | - | - | - | - | - | 7 | - | - |
| washington | 34 | - | 4 | - | 1 | 1 | NR | 6 | 66 | 16 | 5 |
| Oregon | 34 | 3 | - | 1 | - | 1 | 1 | 6 | 43 | 8 | 5 |
| California | 396 | 13 | 9 | 7 | 12 | 9 | 5 | 55 | 101 | 75 | 98 |
| Hawaij | 7 | - | - | - | - | - | - | - | - | 11 | 4 |
| TERRITORIES |  |  |  |  |  |  |  |  |  |  |  |
| Puerto Rico | 480 | 5 | 8 | 3 | 3 | 3 | 5 | 27 | 1 | 1 | 3 |

PARALYTIC POLIOMYELITIS OCCURRING WITHIN 30 DAYS OF LAST VACCINE INOCULATION (Cases Reported to PSU from October 18, through October 29, 1960)

| State | County | Initials | Age | Sex | Date <br> Inoc. | Mfr. | Lot No. | Date <br> First <br> Symp. | Site <br> Inoc. | Site <br> First <br> Para. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ark. | Pulaski | J.F. | 2 | M | 10-3-60 | Lilly | 755922 | 10-8-60 | right arm | left <br> arm |
| Calif. | Los <br> Angeles | A.K. | 30 | F | 9-1-60 | Wyeth | 36506 | 9-17-60 | right <br> deltoid | stiff neck |
| Calif. | Los <br> Angeles | P.C. | 24 | F | 9-12-60 | MS\&D | 63757 | 9-22-60 | left <br> arm | both legs |
| Calif. | Los <br> Angeles | S.K. | 11 | M | 9-10-60 | Wyeth | $\begin{aligned} & 37206-2- \\ & 2460 \end{aligned}$ | 9-30-60 | $\begin{aligned} & \text { left } \\ & \text { arm } \end{aligned}$ | $\begin{aligned} & \text { right } \\ & \text { leg \& } \\ & \text { back } \end{aligned}$ |
| Calif. | San Diego | G.J. | 7 | M | 9-8-60 | P-D | 060495B | 10-1-60 | left upper arm | $\begin{aligned} & \text { right } \\ & \text { leg } \end{aligned}$ |
| Conn. | Windham | D.E. | 5 | M | 8-31-60 | P-M | 175 D 137 | 9-10-60 | arm | legs |
| I11. | Rock <br> Island | M.W. | 1 | M | 2/1960 | unk. | unk. | 3-27-60 | buttocks | unk. |
| Ind. | Lake | T.S. | 4 | F | 9-23-60 |  | 060111 | 9-26-60 | 1 eft <br> arm | face |
| Ky . | Barren | J.E. | 8 | F | 9-30-60 | P-D | 063289 | 10-5-60 |  | lower extremities |
| $\begin{aligned} & \text { N.Y. } \\ & \text { City } \end{aligned}$ | Kings | S.B. | 2 | M | 10-7-60 | unk. | unk. | 10-13-60 | unk. | unk. |
| N.C. | Rutherfor | d R.C | 3 | M | 8-3-60 | unk. | unk. | 8-27-60 | unk. | facial |
| Ohio | Jackson | B.M. | 18 mos. | F | 9-7-60 | unk. | unk. | 10-1-60 | hip | right <br>  <br> foot |
| Pa . | Westmoreland | S.L. | $\begin{gathered} 8 \\ \text { mos. } \end{gathered}$ | F | 7-26-60 | P-D | 4-1993-1 | 8-5-60 | $\begin{aligned} & \text { right } \\ & \text { buttock } \end{aligned}$ | left leg \& face |

Table II Continued

| State | County | Ini- <br> tials | Age | Sex | $\begin{aligned} & \text { Date } \\ & \text { Inoc } \\ & \hline \end{aligned}$ | Mfr. Lot No. | Date <br> First Symp. | Site <br> Inoc. | Site First Para. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Texas | Bexar | O.B. <br> nent: | atien |  | $10-11$ $\text { d } 10-$ | Pfizer unk. $-60$ | 10-17- | $\begin{aligned} & 0 \text { left } \\ & \text { arm } \end{aligned}$ | neck back |


| Wash. | Spokane | L.P. | 24 | M | 8-31-60 P-D | 060496 | 9-20-60 | palate | right arm |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| West Va. | Pocohontas | F.R. | 4 | M | 9-22-60 MS\&D | $\begin{aligned} & 63788- \\ & 52031 \mathrm{~B} \end{aligned}$ | 9-25-60 | $\begin{aligned} & \text { right } \\ & \text { hip } \end{aligned}$ | $\begin{aligned} & \text { left } \\ & \text { leg } \end{aligned}$ |
| West Va. | Preston | K.S. | 3 | F | 9-10-60 unk. | unk. | 9-26-60 | left <br> arm | left arm |

Additional information received on Illinois Case R.M. listed in Report 213 indicates Site of Inoculation - upper left arm, Site of First Paralysis - upper right arm, Vaccine Manufacturer and Lot Number - Pittman-Moore 175B138 or Pfizer 5364.

Maryland Case M.S. listed in Report 215 has been deleted as an under 30-day case.




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[^0]:    * National Office of Vital Statistics: weekly figures reported by the states as of Weinesday of the specitied week; cumulative figures include revisions and corrections.

