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POLIOMYELITIS SURVEILLANCE  
REPORT NUMBER 16  
MAY 18, 1955

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE

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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.

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Poliomyelitis in Vaccinated Individuals

No new cases were accepted today. At present 5 Wyeth associated cases have been accepted, three of which show a correlation between site of inoculation and first paralysis. There are Wyeth associated suspects under investigation in Delaware and Pennsylvania.

Vaccinated cases total 77 at 12:00 noon 5/18/55. Cases are now under investigation in California, Idaho, Kansas, Pennsylvania, Kentucky, Illinois and Nebraska.

Table 1  
Vaccinated Cases by State and Manufacturer  
(PSU Accepted Cases through May 18, 1955)

| State         | Cutter    | Lilly     | Parke-<br>Davis | Pittman-<br>Moore | Wyeth    | Total     |
|---------------|-----------|-----------|-----------------|-------------------|----------|-----------|
| California    | 25*       |           |                 |                   |          | 25        |
| Idaho         | 16*       |           |                 |                   |          | 16        |
| Oregon        | 3         |           |                 |                   |          | 3         |
| Louisiana     | 1         | 3*        |                 |                   |          | 4         |
| Washington    | 1         |           |                 |                   |          | 1         |
| Colorado      | 1         |           |                 |                   |          | 1         |
| Illinois      | 1         |           |                 |                   |          | 1         |
| Indiana       |           | 1         |                 |                   |          | 1         |
| Georgia       | 1         | 1         |                 |                   |          | 2         |
| New York      | 1         |           |                 |                   |          | 1         |
| West Virginia |           | 2         |                 |                   |          | 2         |
| Texas         | 1         | 4**       |                 |                   |          | 5         |
| Hawaii        | 1         |           |                 |                   |          | 1         |
| Missouri      | 1         |           |                 |                   |          | 1         |
| Nevada        | 3         |           |                 |                   |          | 3         |
| Pennsylvania  |           |           |                 |                   | 4        | 4         |
| Wyoming       | 1         |           |                 |                   |          | 1         |
| Connecticut   | 1*        |           |                 |                   |          | 1         |
| Mississippi   |           | 1         |                 |                   |          | 1         |
| Ohio          | 1         |           |                 |                   |          | 1         |
| Virginia      |           | 1*        |                 |                   |          | 1         |
| Delaware      |           |           |                 |                   | 1        | 1         |
| <b>Total</b>  | <b>59</b> | <b>13</b> | <b>0</b>        | <b>0</b>          | <b>5</b> | <b>77</b> |

\* Includes 1 non-paralytic case.

\*\* Includes 3 non-paralytic cases.

Poliomyelitis in Parents and  
Siblings of Vaccinated Individuals

One new case was accepted today from Texas. A 37 year old male developed bulbar polio 17 days after his 7 year old daughter was inoculated with Lilly vaccine. This is the first case of this type in which the inoculated child received Lilly vaccine. To date (12:00 Noon, 5/18/55) 24 cases in household contacts of vaccinated persons have been accepted (Table 2).

Table 2  
 Poliomyelitis in Parents and Siblings of  
 Vaccinated Individuals  
 (PSU Accepted Cases Through May 18, 1955)

| State      | Manufacturer** |   |   |    |    | Relationship to Vaccinate |          |         | Health of Vaccinate |         |         |
|------------|----------------|---|---|----|----|---------------------------|----------|---------|---------------------|---------|---------|
|            | C              | L | W | PD | PM | Par-ent                   | Sib-ling | No Data | Ill                 | Not Ill | No Data |
| California | 5              |   |   |    |    | 3                         | 1        | 1       | 2                   | 2       | 1       |
| Idaho      | 7              |   |   |    |    |                           | 7        |         | 2                   | 3       | 2       |
| Colorado   | 2              |   |   |    |    | 2                         |          |         |                     | 2       |         |
| Georgia    | 2              |   |   |    |    | 1                         | 1        |         | 2                   |         |         |
| Maryland   | 1              |   |   |    |    | 1                         |          |         |                     |         | 1       |
| Montana    | 1              |   |   |    |    | 1                         |          |         | 1                   |         |         |
| Nevada     | 3*             |   |   |    |    | 2                         | 1        |         |                     | 3       |         |
| Tennessee  | 1              |   |   |    |    | 1                         |          |         | 1                   |         |         |
| New Mexico | 1              |   |   |    |    |                           | 1        |         |                     | 1       |         |
| Texas      |                | 1 |   |    |    | 1                         |          |         |                     | 1       |         |
| Total      | 23             | 1 |   |    |    | 12                        | 11       | 1       | 8                   | 12      | 4       |

\*\* C: Cutter, L: Lilly, W: Wyeth, PD: Parke-Davis, PM: Pittman-Moore  
 \* Includes one non-paralytic case

*NEAL NATHANSON*  
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 POLIOMYELITIS SURVEILLANCE UNIT

CORRECTION: In the tabular summary for May 16 entitled "Poliomyelitis among unvaccinated persons giving history of Familial Contact with individuals who have received poliomyelitis vaccine," headings should read "Vaccinated Individuals" and "Poliomyelitis case (Not Vaccinated)" instead of "Primary Case" and "Secondary Case".



MAY 18, 1955  
12:00 NOON

POLIOMYELITIS AMONG UNVACCINATED PERSONS GIVING HISTORY OF FAMILIAL CONTACT WITH INDIVIDUALS  
WHO HAVE RECEIVED POLIOMYELITIS VACCINE  
(PSU Accepted Cases May 18, 1955)

Vaccinated Individuals

Poliomyelitis Case (Not Vaccinated)

| PSU<br>CASE NO | Residence         | Init-<br>ials | Age | Sex | Date<br>Inoc | Date<br>Illness | Type<br>Illness | Mfr | Lot<br>No   | Init-<br>ials | Age | Sex | Date 1st<br>Symp | Date 1st<br>Para | Site 1st<br>Para | Remarks |
|----------------|-------------------|---------------|-----|-----|--------------|-----------------|-----------------|-----|-------------|---------------|-----|-----|------------------|------------------|------------------|---------|
| Tex-XI         | Corpus<br>Christi | ?             | 7   | F   | 4-20         | None            | None            | L   | 7078-649343 | MW            | 37  | M   | 5-4              | 5-7              | Bulbar           |         |

