

# 2014 Final Pertussis Surveillance Report

## Incidence of Reported Pertussis, By State

|                | Incidence<br>(per 100,000) | No. of<br>Cases |
|----------------|----------------------------|-----------------|
| ALABAMA        | 5.9                        | 285             |
| ALASKA         | 23.0                       | 169             |
| ARIZONA        | 7.8                        | 517             |
| ARKANSAS       | 9.7                        | 286             |
| CALIFORNIA     | 22.8                       | 8,723           |
| COLORADO       | 24.3                       | 1,282           |
| CONNECTICUT    | 2.8                        | 100             |
| DELAWARE       | 22.1                       | 205             |
| D.C.           | 3.4                        | 22              |
| FLORIDA        | 3.7                        | 719             |
| GEORGIA        | 4.1                        | 408             |
| HAWAII         | 2.7                        | 38              |
| IDAHO          | 22.8                       | 367             |
| ILLINOIS       | 5.9                        | 764             |
| INDIANA        | 7.5                        | 492             |
| IOWA           | 7.2                        | 222             |
| KANSAS         | 14.9                       | 431             |
| KENTUCKY       | 6.8                        | 300             |
| LOUISIANA      | 2.0                        | 90              |
| MAINE          | 41.9                       | 557             |
| MARYLAND       | 3.4                        | 203             |
| MASSACHUSETTS  | 4.6                        | 308             |
| MICHIGAN       | 14.4                       | 1,424           |
| MINNESOTA      | 17.5                       | 950             |
| MISSISSIPPI    | 2.3                        | 68              |
| MISSOURI       | 9.2                        | 558             |
| MONTANA        | 48.7                       | 494             |
| NEBRASKA       | 19.6                       | 366             |
| NEVADA         | 5.2                        | 144             |
| NEW HAMPSHIRE  | 6.4                        | 84              |
| NEW JERSEY     | 4.4                        | 387             |
| NEW MEXICO     | 17.7                       | 370             |
| NEW YORK       | 8.0                        | 901             |
| NEW YORK CITY  | 1.4                        | 122             |
| NORTH CAROLINA | 7.6                        | 752             |
| NORTH DAKOTA   | 7.2                        | 52              |
| OHIO           | 12.6                       | 1,463           |
| OKLAHOMA       | 3.7                        | 142             |
| OREGON         | 10.6                       | 416             |
| PENNSYLVANIA   | 6.4                        | 813             |
| RHODE ISLAND   | 10.3                       | 108             |
| SOUTH CAROLINA | 3.6                        | 170             |
| SOUTH DAKOTA   | 13.0                       | 110             |
| TENNESSEE      | 5.1                        | 330             |
| TEXAS          | 9.7                        | 2,576           |
| UTAH           | 32.4                       | 940             |
| VERMONT        | 6.7                        | 42              |
| VIRGINIA       | 6.1                        | 505             |
| WASHINGTON     | 8.6                        | 601             |
| WEST VIRGINIA  | 1.0                        | 18              |
| WISCONSIN      | 26.4                       | 1,515           |
| WYOMING        | 10.6                       | 62              |
| <b>TOTAL</b>   | <b>10.3</b>                | <b>32,971</b>   |

**Source:** Meningitis and Vaccine Preventable Diseases Branch, Division of Bacterial Diseases, National Center for Immunization and Respiratory Diseases, Centers for Disease Control and Prevention, at 404-639-3158

Weeks 1-53, 2014 CDC/NCIRD/DBD/MVPDB

## Notice to Readers:

### Final 2014 Reports of Notifiable Diseases

September 18, 2015 / 64(36)

[www.cdc.gov/mmwr/preview/mmwrhtml/mm6436a8.htm?s\\_cid=mm6436a8\\_w](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6436a8.htm?s_cid=mm6436a8_w)

## Reported Cases: 2013 and 2014

Weeks 1-52, 2013: 28,639

Weeks 1-53, 2014: 32,971

## Reported Case Profiles, By Age

| Age          | No. of<br>Cases | %              | Age Inc<br>/100,000 |
|--------------|-----------------|----------------|---------------------|
| < 6 mos      | 3,330           | (10.1)         | 169.0               |
| 6-11 mos     | 875             | (2.7)          | 44.4                |
| 1-6 yrs      | 6,082           | (18.5)         | 25.1                |
| 7-10 yrs     | 5,576           | (16.9)         | 34.0                |
| 11-19 yrs    | 11,159          | (33.8)         | 29.6                |
| 20+ yrs      | 5,839           | (17.7)         | 2.2                 |
| Unknown      | 110             | (0.3)          | N/A                 |
| <b>Total</b> | <b>32,971</b>   | <b>(100.0)</b> | <b>10.3*</b>        |

\*Total age incidence per 100,000 calculated from 32,861 cases with age reported.

## Reported Pertussis Deaths

| Age                       | Deaths**  |
|---------------------------|-----------|
| Infants, aged<br>< 3 mos  | 8         |
| Infants, aged<br>3-11 mos | 1         |
| Children, aged<br>1-4 yrs | 2         |
| Adults, aged<br>55+ yrs   | 2         |
| <b>Total</b>              | <b>13</b> |

\*Deaths reported through NNDSS to CDC.  
\*\*9 of the 13 deaths were male.

## DTaP Vaccination History of Pertussis Cases

| Age           | Unknown          | 0 doses       | 1-2 doses     | 3+ doses         | Total        |
|---------------|------------------|---------------|---------------|------------------|--------------|
|               | No. (%)          | No. (%)       | No. (%)       | No. (%)          | No.          |
| 6-11 mos      | 282(32)          | 76(9)         | 190(22)       | 327(37)          | 875          |
| 1-4 yrs       | 2,099(48)        | 341(8)        | 153(3)        | 1,810(41)        | 4,403        |
| 5-6 yrs       | 691(41)          | 139(8)        | 36(2)         | 813(49)          | 1,679        |
| <b>Total*</b> | <b>3,072(44)</b> | <b>556(8)</b> | <b>379(6)</b> | <b>2,950(42)</b> | <b>6,957</b> |

\*Percent calculated from total cases aged 6 months to 6 years, n=6,957.