

# 2013 Final Pertussis Surveillance Report

## Incidence of Reported Pertussis, By State

|                | Incidence<br>(per 100,000) | No. of<br>Cases |
|----------------|----------------------------|-----------------|
| ALABAMA        | 4.1                        | 200             |
| ALASKA         | 43.1                       | 317             |
| ARIZONA        | 21.7                       | 1440            |
| ARKANSAS       | 15.8                       | 466             |
| CALIFORNIA     | 5.3                        | 2011            |
| COLORADO       | 26.9                       | 1418            |
| CONNECTICUT    | 1.7                        | 61              |
| DELAWARE       | 6.2                        | 57              |
| D.C.           | 6.5                        | 42              |
| FLORIDA        | 3.7                        | 732             |
| GEORGIA        | 3.2                        | 317             |
| HAWAII         | 3.6                        | 50              |
| IDAHO          | 14.7                       | 237             |
| ILLINOIS       | 6.1                        | 785             |
| INDIANA        | 9.4                        | 616             |
| IOWA           | 10.0                       | 308             |
| KANSAS         | 14.0                       | 405             |
| KENTUCKY       | 8.7                        | 383             |
| LOUISIANA      | 4.6                        | 214             |
| MAINE          | 25.0                       | 332             |
| MARYLAND       | 3.6                        | 213             |
| MASSACHUSETTS  | 5.2                        | 349             |
| MICHIGAN       | 10.0                       | 988             |
| MINNESOTA      | 16.0                       | 865             |
| MISSISSIPPI    | 2.0                        | 59              |
| MISSOURI       | 9.3                        | 559             |
| MONTANA        | 65.3                       | 663             |
| NEBRASKA       | 12.4                       | 232             |
| NEVADA         | 6.5                        | 181             |
| NEW HAMPSHIRE  | 9.9                        | 131             |
| NEW JERSEY     | 4.6                        | 406             |
| NEW MEXICO     | 29.4                       | 613             |
| NEW YORK       | 6.4                        | 722             |
| NEW YORK CITY  | 1.7                        | 142             |
| NORTH CAROLINA | 5.9                        | 583             |
| NORTH DAKOTA   | 12.0                       | 87              |
| OHIO           | 12.7                       | 1464            |
| OKLAHOMA       | 6.6                        | 255             |
| OREGON         | 12.4                       | 486             |
| PENNSYLVANIA   | 5.0                        | 633             |
| RHODE ISLAND   | 15.2                       | 160             |
| SOUTH CAROLINA | 4.6                        | 218             |
| SOUTH DAKOTA   | 7.9                        | 67              |
| TENNESSEE      | 3.8                        | 247             |
| TEXAS          | 15.1                       | 3985            |
| UTAH           | 45.1                       | 1308            |
| VERMONT        | 18.2                       | 114             |
| VIRGINIA       | 5.1                        | 418             |
| WASHINGTON     | 10.7                       | 748             |
| WEST VIRGINIA  | 1.0                        | 19              |
| WISCONSIN      | 21.9                       | 1258            |
| WYOMING        | 12.9                       | 75              |
| TOTAL          | 9.1                        | 28,639          |

**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 1-52, 2013 CDC/NCIRD/DBD/MVPDB

## Notice to Readers:

### Final 2013 Reports of Notifiable Diseases

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[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6332a6.htm?s\\_cid=mm6332a6\\_w](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6332a6.htm?s_cid=mm6332a6_w)

## Reported Cases: 2012 and 2013

Weeks 1-52, 2012: 48,277

Weeks 1-52, 2013: 28,639

## Reported Case Profiles, By Age

| Age          | No. of<br>Cases | %              | Age Inc<br>/100,000 |
|--------------|-----------------|----------------|---------------------|
| < 6 mos      | 3,159           | (11.0)         | 160.3               |
| 6-11 mos     | 892             | (3.1)          | 45.3                |
| 1-6 yrs      | 5,343           | (18.7)         | 22.1                |
| 7-10 yrs     | 5,014           | (17.5)         | 30.6                |
| 11-19 yrs    | 8,026           | (28.0)         | 21.3                |
| 20+ yrs      | 6,110           | (21.3)         | 2.6                 |
| Unknown      | 95              | (0.4)          | N/A                 |
| <b>Total</b> | <b>28,639</b>   | <b>(100.0)</b> | <b>9.0*</b>         |

\*Total age incidence per 100,000 calculated from 28,544 cases with age reported.

## Reported Pertussis Deaths

| Age                       | Deaths <sup>†</sup> |
|---------------------------|---------------------|
| Infants, aged<br>< 3 mos  | 12                  |
| Infants, aged<br>3-11 mos | 0                   |
| Children, aged<br>1-4 yrs | 1                   |
| Adults, aged<br>55+ yrs   | 0                   |
| <b>Total</b>              | <b>13</b>           |

<sup>†</sup>Deaths reported through NNDSS to CDC.

<sup>†</sup>7 of the 13 deaths were female.

## DTaP Vaccination History of Pertussis Cases

| Age           | Unknown           | 0 doses         | 1-2 doses      | 3+ doses          | Total        |
|---------------|-------------------|-----------------|----------------|-------------------|--------------|
|               | No. (%)           | No. (%)         | No. (%)        | No. (%)           | No.          |
| 6-11 mos      | 276 (31)          | 95 (11)         | 179 (20)       | 342 (38)          | 892          |
| 1-4 yrs       | 1,317 (34)        | 445 (12)        | 189 (5)        | 1,874 (49)        | 3,825        |
| 5-6 yrs       | 478 (32)          | 170 (11)        | 48 (3)         | 822 (54)          | 1,518        |
| <b>Total*</b> | <b>2,071 (33)</b> | <b>710 (11)</b> | <b>416 (7)</b> | <b>3,038 (49)</b> | <b>6,235</b> |

\*Percent calculated from total cases aged 6 months to 6 years, n=6,235.