

Summary of Diagnosis and Loss to Follow-up / Loss to Documentation in 2012

September 2014

Data Source: 2012 CDC EHDI Hearing Screening & Follow-up Survey (HSFS) ([www.cdc.gov/ncbddd/hearingloss/ehdi-data.html](http://www.cdc.gov/ncbddd/hearingloss/ehdi-data.html))

LFU / LTD: Loss to Follow-up / Loss to Documentation

| State / Territory<br>(n = 54 <sup>^</sup> )  | Total Screened | Total Not Pass | Percent Not Pass | Inpatient (IP) / Outpatient (OP): Not Pass IP / did not Receive OP Screen | No Hearing Loss | Percent w. No Hearing Loss | Hearing Loss | Percent w. Hearing Loss | Prevalence per 1,000 screened | No Diagnosis: LFU/LTD |   |                   |         |   |   |
|--|----------------|----------------|------------------|---|-----------------|----------------------------|--------------|-------------------------|-------------------------------|-----------------------|---|-------------------|---------|---|---|
|  |                |                |                  |   |                 |                            |              |                         |                               | Total No Diagnosis    | Parents / Family Contacted but Unresponsive | Unable to Contact | Unknown | # LFU/LTD (Parents/Family Contacted but Unresponsive + Unable to Contact + Unknown) | Percent LFU/LTD (#LFU/LTD ÷ # Total Not Pass * 100) |
| Alabama                                      | 56,090         | 222            | 0.4              | 0   | 30              | 13.5                       | 60           | 27.0                    | 1.1                           | 132                   | 50  | 26                | 10      | 86  | 38.7  |
| Alaska                                       | 10,606         | 159            | 1.5              | 63  | 29              | 18.2                       | 22           | 13.8                    | 2.1                           | 108                   | 38  | 3                 | 31      | 72  | 45.3  |
| American Samoa                               | 1,161          | 10             | 0.9              | 3   | 2               | 20.0                       | 1            | 10.0                    | 0.9                           | 7                     | 1   | 2                 | 1       | 4   | 40.0  |
| Arizona                                      | 86,055         | 833            | 1.0              | 0   | 248             | 29.8                       | 157          | 18.8                    | 1.8                           | 428                   | 75  | 335               | 0       | 410   | 49.2  |
| Arkansas                                     | 35,631         | 743            | 2.1              | 665   | 51              | 6.9                        | 40           | 5.4                     | 1.1                           | 652                   | 140   | 108               | 0       | 248   | 33.4  |
| California                                   | 484,083        | 2,770          | 0.6              | 0   | 1,020           | 36.8                       | 945          | 34.1                    | 2.0                           | 805                   | 57  | 361               | 18      | 436   | 15.7  |
| Colorado                                     | 64,301         | 716            | 1.1              | 0   | 48              | 6.7                        | 116          | 16.2                    | 1.8                           | 552                   | 479   | 5                 | 54      | 538   | 75.1  |
| Commonwealth of the Northern Mariana Islands | 1,101          | 27             | 2.5              | 21  | 2               | 7.4                        | 3            | 11.1                    | 2.7                           | 22                    | 0   | 0                 | 15      | 15  | 55.6  |
| Connecticut                                  | 36,906         | 579            | 1.6              | 0   | 309             | 53.4                       | 50           | 8.6                     | 1.4                           | 220                   | 0   | 0                 | 202     | 202   | 34.9  |
| Delaware                                     | 11,333         | 209            | 1.8              | 0   | 88              | 42.1                       | 20           | 9.6                     | 1.8                           | 101                   | 0   | 0                 | 101     | 101   | 48.3  |
| District of Columbia                         | 11,970         | 374            | 3.1              | 0   | 54              | 14.4                       | 25           | 6.7                     | 2.1                           | 295                   | 0   | 52                | 0       | 52  | 13.9  |
| Florida                                      | 206,389        | 1,625          | 0.8              | 0   | 525             | 32.3                       | 225          | 13.8                    | 1.1                           | 875                   | 691   | 44                | 1       | 736   | 45.3  |
| Georgia                                      | 125,975        | 1,115          | 0.9              | 0   | 232             | 20.8                       | 229          | 20.5                    | 1.8                           | 654                   | 323   | 72                | 96      | 491   | 44.0  |
| Guam   | 3,098          | 25             | 0.8              | 0   | 7               | 28.0                       | 9            | 36.0                    | 2.9                           | 9                     | 2   | 0                 | 1       | 3   | 12.0  |
| Hawaii                                       | 18,565         | 221            | 1.2              | 0   | 106             | 48.0                       | 54           | 24.4                    | 2.9                           | 61                    | 7   | 10                | 16      | 33  | 14.9  |
| Idaho  | 21,014         | 720            | 3.4              | 102   | 419             | 58.2                       | 64           | 8.9                     | 3.0                           | 237                   | 8   | 2                 | 216     | 226   | 31.4  |
| Indiana                                      | 82,192         | 2,364          | 2.9              | 0   | 1,766           | 74.7                       | 145          | 6.1                     | 1.8                           | 453                   | 211   | 46                | 0       | 257   | 10.9  |
| Iowa   | 37,927         | 461            | 1.2              | 0   | 148             | 32.1                       | 48           | 10.4                    | 1.3                           | 265                   | 117   | 1                 | 9       | 127   | 27.5  |
| Kansas                                       | 40,643         | 354            | 0.9              | 183   | 167             | 47.2                       | 93           | 26.3                    | 2.3                           | 94                    | 32  | 10                | 0       | 42  | 11.9  |
| Kentucky                                     | 53,146         | 2,344          | 4.4              | 0   | 1,979           | 84.4                       | 58           | 2.5                     | 1.1                           | 307                   | 204   | 36                | 0       | 240   | 10.2  |
| Louisiana                                    | 61,455         | 3,404          | 5.5              | 0   | 2,262           | 66.5                       | 66           | 1.9                     | 1.1                           | 1,076                 | 671   | 0                 | 402     | 1,073   | 31.5  |
| Maine  | 12,330         | 208            | 1.7              | 0   | 128             | 61.5                       | 23           | 11.1                    | 1.9                           | 57                    | 19  | 6                 | 8       | 33  | 15.9  |
| Marshall Islands^^                           | 462            | 47             | 10.2             | 28  | 4               | 8.5                        | 2            | 4.3                     | 4.3                           | 41                    | 0   | 0                 | 39      | 39  | 83.0  |
| Maryland                                     | 69,498         | 820            | 1.2              | 0   | 361             | 44.0                       | 78           | 9.5                     | 1.1                           | 381                   | 147   | 110               | 0       | 257   | 31.3  |
| Massachusetts                                | 72,342         | 1,153          | 1.6              | 0   | 790             | 68.5                       | 200          | 17.3                    | 2.8                           | 163                   | 29  | 0                 | 0       | 29  | 2.5   |
| Michigan                                     | 110,406        | 1,173          | 1.1              | 0   | 347             | 29.6                       | 162          | 13.8                    | 1.5                           | 664                   | 541   | 10                | 18      | 569   | 48.5  |
| Minnesota                                    | 66,784         | 601            | 0.9              | 0   | 199             | 33.1                       | 162          | 27.0                    | 2.4                           | 240                   | 106   | 44                | 0       | 150   | 25.0  |
| Mississippi                                  | 37,147         | 492            | 1.3              | 0   | 341             | 69.3                       | 76           | 15.4                    | 2.0                           | 75                    | 26  | 0                 | 0       | 26  | 5.3   |
| Missouri                                     | 74,601         | 1,431          | 1.9              | 0   | 842             | 58.8                       | 100          | 7.0                     | 1.3                           | 489                   | 0   | 17                | 444     | 461   | 32.2  |
| Montana                                      | 11,624         | 193            | 1.7              | 114   | 15              | 7.8                        | 14           | 7.3                     | 1.2                           | 164                   | 39  | 8                 | 47      | 94  | 48.7  |
| Nebraska                                     | 26,129         | 120            | 0.5              | 0   | 15              | 12.5                       | 36           | 30.0                    | 1.4                           | 69                    | 34  | 0                 | 0       | 34  | 28.3  |

| State / Territory<br>(n = 54) | Total Screened   | Total Not Pass | Percent Not Pass | Inpatient (IP) / Outpatient (OP): Not Pass IP / did not Receive OP Screen | No Hearing Loss | Percent w. No Hearing Loss | Hearing Loss | Percent w. Hearing Loss | Prevalence per 1,000 screened | No Diagnosis: LFU/LTD |   |                   |              |   |   |
|-------------------------------|------------------|----------------|------------------|---|-----------------|----------------------------|--------------|-------------------------|-------------------------------|-----------------------|---|-------------------|--------------|---|---|
|                               |                  |                |                  |   |                 |                            |              |                         |                               | Total No Diagnosis    | Parents / Family Contacted but Unresponsive | Unable to Contact | Unknown      | # LFU/LTD (Parents/Family Contacted but Unresponsive + Unable to Contact + Unknown) | Percent LFU/LTD (#LFU/LTD ÷ # Total Not Pass * 100) |
| Nevada                        | 33,175           | 340            | 1.0              | 0   | 87              | 25.6                       | 41           | 12.1                    | 1.2                           | 212                   | 19  | 10                | 145          | 174   | 51.2  |
| New Hampshire                 | 12,284           | 356            | 2.9              | 0   | 171             | 48.0                       | 13           | 3.7                     | 1.1                           | 172                   | 34  | 7                 | 88           | 129   | 36.2  |
| New Jersey                    | 100,787          | 883            | 0.9              | 315   | 325             | 36.8                       | 129          | 14.6                    | 1.3                           | 429                   | 367   | 3                 | 8            | 378   | 42.8  |
| New Mexico                    | 17,407           | 911            | 5.2              | 0   | 81              | 8.9                        | 46           | 5.0                     | 2.6                           | 784                   | 57  | 2                 | 634          | 693   | 76.1  |
| North Carolina                | 120,216          | 854            | 0.7              | 312   | 200             | 23.4                       | 190          | 22.2                    | 1.6                           | 464                   | 96  | 174               | 53           | 323   | 37.8  |
| North Dakota                  | 11,388           | 369            | 3.2              | 205   | 60              | 16.3                       | 24           | 6.5                     | 2.1                           | 285                   | 43  | 23                | 116          | 182   | 49.3  |
| Ohio                          | 137,711          | 3,945          | 2.9              | 0   | 2,334           | 59.2                       | 213          | 5.4                     | 1.5                           | 1,398                 | 285   | 85                | 884          | 1,254   | 31.8  |
| Oklahoma                      | 51,010           | 2,386          | 4.7              | 0   | 1,478           | 61.9                       | 74           | 3.1                     | 1.5                           | 834                   | 592   | 0                 | 0            | 592   | 24.8  |
| Oregon                        | 43,894           | 1,287          | 2.9              | 0   | 490             | 38.1                       | 82           | 6.4                     | 1.9                           | 715                   | 623   | 1                 | 0            | 624   | 48.5  |
| Palau                         | 266              | 4              | 1.5              | 0   | 0               | 0.0                        | 0            | 0.0                     | 0.0                           | 4                     | 0   | 0                 | 2            | 2   | 50.0  |
| Pennsylvania                  | 135,707          | 2,270          | 1.7              | 0   | 1,526           | 67.2                       | 206          | 9.1                     | 1.5                           | 538                   | 85  | 0                 | 91           | 176   | 7.8   |
| Rhode Island                  | 11,580           | 116            | 1.0              | 0   | 60              | 51.7                       | 12           | 10.3                    | 1.0                           | 44                    | 8   | 1                 | 15           | 24  | 20.7  |
| South Carolina                | 52,553           | 775            | 1.5              | 0   | 232             | 29.9                       | 85           | 11.0                    | 1.6                           | 458                   | 118   | 45                | 225          | 388   | 50.1  |
| South Dakota                  | 12,483           | 280            | 2.2              | 0   | 10              | 3.6                        | 27           | 9.6                     | 2.2                           | 243                   | 16  | 10                | 208          | 234   | 83.6  |
| Tennessee                     | 83,764           | 3,585          | 4.3              | 0   | 2,086           | 58.2                       | 84           | 2.3                     | 1.0                           | 1,415                 | 58  | 168               | 1,013        | 1,239   | 34.6  |
| Texas                         | 377,324          | 4,927          | 1.3              | 3,930   | 605             | 12.3                       | 412          | 8.4                     | 1.1                           | 3,910                 | 2,383                                       | 264               | 1,129        | 3,776   | 76.6  |
| Utah                          | 51,880           | 696            | 1.3              | 210   | 142             | 20.4                       | 100          | 14.4                    | 1.9                           | 454                   | 113   | 121               | 147          | 381   | 54.7  |
| Vermont                       | 5,680            | 155            | 2.7              | 0   | 17              | 11.0                       | 3            | 1.9                     | 0.5                           | 135                   | 46  | 0                 | 0            | 46  | 29.7  |
| Virginia                      | 99,767           | 1,100          | 1.1              | 0   | 323             | 29.4                       | 161          | 14.6                    | 1.6                           | 616                   | 103   | 135               | 169          | 407   | 37.0  |
| Washington                    | 83,034           | 988            | 1.2              | 441   | 264             | 26.7                       | 154          | 15.6                    | 1.9                           | 570                   | 348   | 147               | 0            | 495   | 50.1  |
| West Virginia                 | 18,277           | 597            | 3.3              | 0   | 253             | 42.4                       | 8            | 1.3                     | 0.4                           | 336                   | 51  | 256               | 3            | 310   | 51.9  |
| Wisconsin                     | 65,616           | 577            | 0.9              | 0   | 313             | 54.2                       | 110          | 19.1                    | 1.7                           | 154                   | 45  | 13                | 27           | 85  | 14.7  |
| Wyoming                       | 6,607            | 47             | 0.7              | 13  | 12              | 25.5                       | 18           | 38.3                    | 2.7                           | 17                    | 10  | 0                 | 0            | 10  | 21.3  |
| <b>Totals</b>                 | <b>3,463,374</b> | <b>52,961</b>  | <b>1.5</b>       | <b>6,605</b>  | <b>23,603</b>   | <b>44.6</b>                | <b>5,475</b> | <b>10.3</b>             | <b>1.6</b>                    | <b>23,883</b>         | <b>9,547</b>                                | <b>2,773</b>      | <b>6,686</b> | <b>19,006</b>   | <b>35.9</b>   |

**Notes**

^: New York, Illinois, and Micronesia are not included.

^^: The EHDI program was fully operational for only 4 months in 2012.

**Formulas**

Percent Total Not Pass: # Total Not Pass / Total Screened \* 100

Percent Normal Hearing: # Normal Hearing / Total Not Pass \* 100

Percent Hearing Loss: # Hearing Loss / Total Not Pass \* 100

Percent LFU / LTD: # LFU/LTD (#Unable to Contact + #Unresponsive + #Unknown) / Total Not Pass \* 100

Prevalence: # Hearing Loss / Total Screened \* 1,000