

**Table 8. Tuberculosis Cases and Percentages, by Resistance to Isoniazid (INH)<sup>1</sup>, Origin of Birth, and Previous History of TB: United States, 1993–2016**

| Year | All INH-resistant <sup>2</sup> | Isoniazid resistant TB cases |     |        |                |       |       |                                      |     |        |                |     |       |  |     |        |                |     |        |
|------|--------------------------------|------------------------------|-----|--------|----------------|-------|-------|--------------------------------------|-----|--------|----------------|-----|-------|--|-----|--------|----------------|-----|--------|
|      |                                | Total INH-resistant          |     |        |                |       |       | U.S.-born INH-resistant <sup>3</sup> |     |        |                |     |       | Non-U.S.-born <sup>3,4</sup> INH-resistant |     |        |                |     |        |
|      |                                | Previous TB                  |     |        | No previous TB |       |       | Previous TB                          |     |        | No previous TB |     |       | Previous TB                                |     |        | No previous TB |     |        |
|      |                                | Eligible                     | No. | (%)    | Eligible       | No.   | (%)   | Eligible                             | No. | (%)    | Eligible       | No. | (%)   | Eligible                                   | No. | (%)    | Eligible       | No. | (%)    |
| 1993 | 1,534                          | 982                          | 161 | (16.4) | 16,601         | 1,367 | (8.2) | 668                                  | 83  | (12.4) | 11,808         | 789 | (6.7) | 301  | 75  | (24.9) | 4,665          | 564 | (12.1) |
| 1994 | 1,543                          | 1,033                        | 175 | (16.9) | 16,417         | 1,352 | (8.2) | 693                                  | 81  | (11.7) | 11,009         | 708 | (6.4) | 336  | 93  | (27.7) | 5,291          | 632 | (11.9) |
| 1995 | 1,351                          | 958                          | 168 | (17.5) | 16,023         | 1,173 | (7.3) | 592                                  | 77  | (13.0) | 10,340         | 554 | (5.4) | 364  | 91  | (25.0) | 5,652          | 618 | (10.9) |
| 1996 | 1,284                          | 862                          | 142 | (16.5) | 15,360         | 1,133 | (7.4) | 559                                  | 68  | (12.2) | 9,637          | 495 | (5.1) | 303  | 74  | (24.4) | 5,676          | 637 | (11.2) |
| 1997 | 1,195                          | 742                          | 109 | (14.7) | 14,449         | 1,078 | (7.5) | 455                                  | 35  | (7.7)  | 8,696          | 435 | (5.0) | 286  | 74  | (25.9) | 5,708          | 640 | (11.2) |
| 1998 | 1,120                          | 749                          | 98  | (13.1) | 13,420         | 1,011 | (7.5) | 485                                  | 38  | (7.8)  | 7,695          | 366 | (4.8) | 262  | 60  | (22.9) | 5,692          | 643 | (11.3) |
| 1999 | 1,000                          | 669                          | 82  | (12.3) | 12,659         | 900   | (7.1) | 382                                  | 25  | (6.5)  | 7,011          | 284 | (4.1) | 284  | 55  | (19.4) | 5,596          | 614 | (11.0) |
| 2000 | 981                            | 632                          | 84  | (13.3) | 11,829         | 889   | (7.5) | 360                                  | 22  | (6.1)  | 6,141          | 269 | (4.4) | 272  | 62  | (22.8) | 5,659          | 617 | (10.9) |
| 2001 | 897                            | 629                          | 87  | (13.8) | 11,514         | 800   | (6.9) | 324                                  | 28  | (8.6)  | 5,570          | 241 | (4.3) | 302  | 59  | (19.5) | 5,908          | 558 | (9.4)  |
| 2002 | 912                            | 570                          | 80  | (14.0) | 10,820         | 826   | (7.6) | 303                                  | 23  | (7.6)  | 5,059          | 206 | (4.1) | 265  | 57  | (21.5) | 5,720          | 619 | (10.8) |
| 2003 | 904                            | 524                          | 65  | (12.4) | 10,752         | 823   | (7.7) | 253                                  | 16  | (6.3)  | 4,853          | 213 | (4.4) | 271  | 49  | (18.1) | 5,869          | 606 | (10.3) |
| 2004 | 872                            | 537                          | 64  | (11.9) | 10,482         | 801   | (7.6) | 274                                  | 15  | (5.5)  | 4,683          | 214 | (4.6) | 263  | 49  | (18.6) | 5,789          | 587 | (10.1) |
| 2005 | 842                            | 507                          | 70  | (13.8) | 10,065         | 761   | (7.6) | 240                                  | 18  | (7.5)  | 4,396          | 188 | (4.3) | 267  | 52  | (19.5) | 5,652          | 567 | (10.0) |
| 2006 | 845                            | 493                          | 67  | (13.6) | 9,908          | 770   | (7.8) | 203                                  | 9   | (4.4)  | 4,127          | 173 | (4.2) | 289  | 57  | (19.7) | 5,765          | 596 | (10.3) |
| 2007 | 798                            | 496                          | 71  | (14.3) | 9,646          | 715   | (7.4) | 206                                  | 14  | (6.8)  | 3,838          | 163 | (4.2) | 288  | 57  | (19.8) | 5,755          | 548 | (9.5)  |
| 2008 | 836                            | 429                          | 57  | (13.3) | 9,307          | 775   | (8.3) | 170                                  | 13  | (7.6)  | 3,647          | 189 | (5.2) | 259  | 44  | (17.0) | 5,654          | 585 | (10.3) |
| 2009 | 764                            | 341                          | 52  | (15.2) | 7,742          | 652   | (8.4) | 115                                  | 6   | (5.2)  | 3,014          | 187 | (6.2) | 225  | 46  | (20.4) | 4,720          | 465 | (9.9)  |
| 2010 | 699                            | 359                          | 62  | (17.3) | 7,814          | 628   | (8.0) | 129                                  | 12  | (9.3)  | 2,943          | 165 | (5.6) | 230  | 50  | (21.7) | 4,865          | 463 | (9.5)  |
| 2011 | 754                            | 345                          | 59  | (17.1) | 7,556          | 688   | (9.1) | 137                                  | 9   | (6.6)  | 2,701          | 173 | (6.4) | 208  | 50  | (24.0) | 4,852          | 515 | (10.6) |
| 2012 | 692                            | 356                          | 55  | (15.4) | 7,085          | 637   | (9.0) | 127                                  | 8   | (6.3)  | 2,524          | 151 | (6.0) | 229  | 47  | (20.5) | 4,561          | 486 | (10.7) |
| 2013 | 675                            | 301                          | 48  | (15.9) | 6,866          | 622   | (9.1) | 98                                   | 8   | (8.2)  | 2,286          | 131 | (5.7) | 203  | 40  | (19.7) | 4,575          | 491 | (10.7) |
| 2014 | 690                            | 336                          | 63  | (18.8) | 6,746          | 623   | (9.2) | 95                                   | 5   | (5.3)  | 2,187          | 164 | (7.5) | 241  | 58  | (24.1) | 4,555          | 459 | (10.1) |
| 2015 | 681                            | 316                          | 51  | (16.1) | 6,946          | 627   | (9.0) | 100                                  | 7   | (7.0)  | 2,185          | 147 | (6.7) | 216  | 44  | (20.4) | 4,756          | 479 | (10.1) |
| 2016 | 639                            | 296                          | 57  | (19.3) | 6,613          | 577   | (8.7) | 82                                   | 7   | (8.5)  | 2,032          | 120 | (5.9) | 214  | 50  | (23.4) | 4,567          | 456 | (10.0) |

<sup>1</sup>Resistance to at least isoniazid. Isolates may be resistant to other drugs. Excludes cases with susceptibility testing not done or unknown for isoniazid. Cases have been susceptibility tested to at least isoniazid and rifampin.

<sup>2</sup>This column provides an overall total of all INH-resistant cases, including those where previous history of TB is unknown and origin or birth is unknown.

<sup>3</sup>Excludes cases where previous history of TB is unknown and cases where origin of birth is unknown.

<sup>4</sup>Includes persons born outside the United States (including the U.S. territories).

**Note:** Data for all years updated through June 21, 2017.