

Appendix table 3-22

Plans of foreign recipients of U.S. doctorates to stay in the United States, by field of doctorate and place of origin: 2000–11

| Field and place of origin | Foreign S&E doctorate recipients | | | Plans to stay (%) | | | Definite plans to stay (%) | | |
|-------------------------------------|----------------------------------|---------|---------|-------------------|---------|---------|----------------------------|---------|---------|
| | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 |
| All S&E fields | 38,219 | 50,111 | 55,723 | 73.0 | 76.4 | 75.4 | 50.7 | 50.8 | 49.5 |
| Europe | 6,460 | 7,103 | 6,455 | 73.8 | 73.7 | 70.7 | 54.7 | 53.1 | 50.4 |
| France | 357 | 464 | 501 | 68.3 | 71.3 | 66.5 | 47.1 | 50.9 | 47.1 |
| Germany | 856 | 726 | 808 | 65.0 | 69.3 | 66.8 | 50.4 | 52.8 | 51.7 |
| Greece | 352 | 421 | 379 | 66.2 | 67.5 | 64.1 | 50.9 | 46.1 | 49.3 |
| Italy | 441 | 542 | 519 | 60.1 | 69.6 | 63.4 | 45.1 | 50.6 | 48.2 |
| Spain | 277 | 282 | 302 | 63.2 | 57.8 | 63.6 | 46.9 | 40.8 | 45.0 |
| United Kingdom | 449 | 408 | 434 | 79.3 | 75.5 | 74.0 | 57.5 | 53.4 | 55.8 |
| Russian Federation (former USSR) | 888 | 876 | 615 | 86.5 | 81.8 | 79.5 | 62.6 | 56.6 | 52.0 |
| Other | 2,840 | 3,384 | 2,897 | 76.3 | 75.4 | 73.1 | 56.7 | 54.8 | 50.6 |
| Asia | 25,338 | 35,369 | 40,845 | 76.7 | 79.9 | 78.3 | 52.5 | 52.2 | 50.9 |
| China* | 10,106 | 15,558 | 16,110 | 92.5 | 90.9 | 85.6 | 63.6 | 58.9 | 54.9 |
| India | 3,260 | 5,778 | 8,932 | 89.1 | 89.0 | 86.6 | 66.5 | 61.8 | 57.8 |
| Japan | 751 | 898 | 905 | 56.7 | 58.4 | 57.6 | 39.3 | 40.4 | 39.1 |
| South Korea | 3,541 | 4,767 | 4,868 | 68.6 | 69.3 | 67.9 | 45.7 | 43.5 | 44.6 |
| Taiwan | 2,293 | 1,929 | 2,283 | 66.4 | 64.8 | 69.7 | 40.3 | 38.1 | 41.6 |
| Thailand | 1,134 | 1,067 | 958 | 17.1 | 26.4 | 31.5 | 9.6 | 14.6 | 14.1 |
| Iran | 311 | 514 | 773 | 88.1 | 92.0 | 90.3 | 55.6 | 62.3 | 59.1 |
| Israel | 180 | 268 | 321 | 72.2 | 61.9 | 66.0 | 48.3 | 47.8 | 52.6 |
| Turkey | 1,318 | 1,494 | 1,935 | 58.3 | 67.7 | 66.6 | 40.3 | 46.7 | 45.9 |
| Other | 2,444 | 3,096 | 3,760 | 58.7 | 63.2 | 67.8 | 39.8 | 40.1 | 44.0 |
| North/South America | 4,392 | 5,131 | 5,684 | 56.6 | 61.5 | 63.3 | 41.0 | 43.5 | 43.7 |
| Canada | 1,349 | 1,617 | 1,767 | 68.9 | 66.8 | 66.0 | 53.2 | 50.0 | 46.9 |
| Mexico | 830 | 774 | 746 | 43.7 | 50.0 | 55.9 | 29.4 | 37.2 | 39.7 |
| Argentina | 290 | 396 | 430 | 65.9 | 67.4 | 64.9 | 51.0 | 51.3 | 50.0 |
| Brazil | 544 | 599 | 581 | 38.2 | 46.9 | 52.2 | 27.9 | 33.4 | 37.2 |
| Chile | 181 | 206 | 254 | 41.4 | 39.3 | 42.9 | 32.6 | 24.8 | 32.3 |
| Colombia | 264 | 385 | 606 | 60.2 | 61.8 | 64.2 | 42.8 | 40.0 | 42.2 |
| Peru | 123 | 158 | 234 | 72.4 | 72.8 | 70.1 | 46.3 | 48.7 | 50.4 |
| Venezuela | 250 | 238 | 201 | 48.4 | 64.7 | 78.6 | 31.6 | 42.9 | 52.2 |
| Other | 561 | 758 | 865 | 62.7 | 72.7 | 70.9 | 41.0 | 46.2 | 42.3 |
| Africa | 1,431 | 1,823 | 1,977 | 67.4 | 70.6 | 71.8 | 41.3 | 42.3 | 40.5 |
| Egypt | 380 | 527 | 383 | 63.4 | 65.3 | 67.9 | 44.2 | 43.3 | 42.0 |
| Nigeria | 79 | 143 | 242 | 88.6 | 88.1 | 85.5 | 45.6 | 44.1 | 45.5 |
| South Africa | 147 | 129 | 103 | 59.9 | 53.5 | 47.6 | 42.9 | 35.7 | 36.9 |
| Other | 825 | 1,024 | 1,249 | 68.5 | 73.0 | 72.4 | 39.3 | 42.5 | 39.4 |
| Australia/Oceania | 263 | 325 | 263 | 65.0 | 67.1 | 69.2 | 46.4 | 53.5 | 48.3 |
| Australia | 160 | 225 | 160 | 68.1 | 67.6 | 69.4 | 46.9 | 53.3 | 48.1 |
| New Zealand | 91 | 97 | 94 | 64.8 | 64.9 | 69.1 | 48.4 | 55.7 | 50.0 |
| Other | 12 | 3 | 9 | 25.0 | 100.0 | 66.7 | 25.0 | 0.0 | 33.3 |
| Country unknown | 335 | 360 | 499 | 29.9 | 41.4 | 51.5 | 13.1 | 18.3 | 29.5 |
| Physical and earth sciences | 6,323 | 8,055 | 8,719 | 80.0 | 81.0 | 78.2 | 58.7 | 55.7 | 53.9 |
| Europe | 1,626 | 1,715 | 1,297 | 75.3 | 75.3 | 70.8 | 56.6 | 54.3 | 50.8 |
| France | 94 | 102 | 108 | 68.1 | 70.6 | 63.9 | 47.9 | 52.0 | 50.0 |
| Germany | 220 | 142 | 145 | 64.1 | 66.9 | 57.9 | 51.4 | 48.6 | 46.2 |
| Greece | 51 | 67 | 52 | 60.8 | 61.2 | 59.6 | 47.1 | 43.3 | 48.1 |
| Italy | 99 | 144 | 80 | 55.6 | 63.2 | 55.0 | 40.4 | 45.1 | 42.5 |
| Spain | 41 | 50 | 35 | 58.5 | 58.0 | 54.3 | 39.0 | 48.0 | 31.4 |
| United Kingdom | 103 | 88 | 108 | 73.8 | 76.1 | 71.3 | 59.2 | 55.7 | 55.6 |
| Russian Federation (former USSR) | 335 | 328 | 207 | 88.1 | 81.7 | 82.1 | 63.3 | 57.6 | 58.9 |
| Other | 683 | 794 | 562 | 78.8 | 79.1 | 75.4 | 59.9 | 57.1 | 50.9 |
| Asia | 3,940 | 5,250 | 6,251 | 83.8 | 85.1 | 81.3 | 61.0 | 57.5 | 55.8 |
| China* | 2,069 | 2,832 | 3,078 | 92.6 | 90.9 | 85.9 | 66.4 | 59.9 | 57.6 |

Appendix table 3-22

Plans of foreign recipients of U.S. doctorates to stay in the United States, by field of doctorate and place of origin: 2000–11

| Field and place of origin | Foreign S&E doctorate recipients | | | Plans to stay (%) | | | Definite plans to stay (%) | | |
|-------------------------------------|----------------------------------|---------|---------|-------------------|---------|---------|----------------------------|---------|---------|
| | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 |
| India | 446 | 645 | 1,113 | 86.3 | 86.7 | 83.3 | 67.7 | 61.4 | 58.8 |
| Iran | 37 | 62 | 48 | 81.1 | 85.5 | 83.3 | 64.9 | 59.7 | 50.0 |
| Israel | 16 | 32 | 21 | 62.5 | 68.8 | 71.4 | 37.5 | 56.3 | 57.1 |
| Japan | 95 | 127 | 134 | 71.6 | 57.5 | 64.9 | 49.5 | 36.2 | 47.0 |
| South Korea | 467 | 578 | 549 | 79.2 | 80.8 | 74.9 | 62.5 | 56.9 | 57.7 |
| Taiwan | 231 | 207 | 243 | 77.1 | 77.8 | 73.7 | 52.8 | 57.5 | 51.4 |
| Thailand | 89 | 84 | 89 | 16.9 | 35.7 | 33.7 | 13.5 | 22.6 | 18.0 |
| Turkey | 127 | 169 | 251 | 59.1 | 78.7 | 77.7 | 39.4 | 53.3 | 52.6 |
| Other | 363 | 514 | 725 | 70.8 | 77.0 | 76.8 | 48.5 | 52.1 | 51.7 |
| North/South America | 528 | 700 | 733 | 69.1 | 69.0 | 66.2 | 52.8 | 51.7 | 48.2 |
| Canada | 197 | 282 | 248 | 77.7 | 66.3 | 63.7 | 65.5 | 50.4 | 48.8 |
| Mexico | 88 | 95 | 106 | 59.1 | 56.8 | 58.5 | 43.2 | 42.1 | 46.2 |
| Argentina | 38 | 43 | 62 | 78.9 | 76.7 | 69.4 | 57.9 | 55.8 | 53.2 |
| Brazil | 41 | 43 | 47 | 34.1 | 62.8 | 57.4 | 19.5 | 51.2 | 42.6 |
| Chile | 12 | 15 | 29 | 66.7 | 40.0 | 62.1 | 41.7 | 33.3 | 51.7 |
| Colombia | 46 | 54 | 72 | 71.7 | 70.4 | 58.3 | 58.7 | 57.4 | 33.3 |
| Peru | 14 | 25 | 26 | 78.6 | 88.0 | 80.8 | 35.7 | 64.0 | 57.7 |
| Venezuela | 24 | 41 | 36 | 70.8 | 80.5 | 88.9 | 54.2 | 65.9 | 72.2 |
| Other | 68 | 102 | 107 | 69.1 | 81.4 | 76.6 | 47.1 | 53.9 | 46.7 |
| Africa | 156 | 275 | 332 | 84.6 | 81.8 | 79.5 | 56.4 | 48.4 | 47.9 |
| Egypt | 33 | 45 | 44 | 81.8 | 64.4 | 68.2 | 63.6 | 33.3 | 47.7 |
| Nigeria | 5 | 26 | 40 | 60.0 | 92.3 | 77.5 | 60.0 | 38.5 | 47.5 |
| South Africa | 16 | 13 | 13 | 62.5 | 61.5 | 30.8 | 43.8 | 53.8 | 15.4 |
| Other | 102 | 191 | 235 | 90.2 | 85.9 | 84.7 | 55.9 | 52.9 | 49.8 |
| Australia/Oceania | 22 | 59 | 40 | 63.6 | 69.5 | 67.5 | 54.5 | 55.9 | 42.5 |
| Australia | 13 | 42 | 26 | 61.5 | 66.7 | 65.4 | 61.5 | 52.4 | 34.6 |
| New Zealand | 9 | 15 | 12 | 66.7 | 73.3 | 75.0 | 44.4 | 73.3 | 58.3 |
| Other | 0 | 2 | 2 | 0.0 | 100.0 | 50.0 | 0.0 | 0.0 | 50.0 |
| Country unknown | 51 | 56 | 66 | 37.3 | 33.9 | 56.1 | 19.6 | 16.1 | 34.8 |
| Biological sciences | 6,607 | 8,141 | 10,082 | 83.9 | 84.6 | 82.7 | 59.0 | 58.5 | 54.9 |
| Europe | 951 | 1,141 | 1,138 | 81.6 | 80.2 | 77.6 | 59.4 | 58.3 | 53.5 |
| France | 45 | 74 | 88 | 77.8 | 82.4 | 73.9 | 44.4 | 60.8 | 50.0 |
| Germany | 142 | 125 | 151 | 74.6 | 81.6 | 72.8 | 57.7 | 64.8 | 52.3 |
| Greece | 38 | 53 | 51 | 68.4 | 83.0 | 74.5 | 47.4 | 64.2 | 58.8 |
| Italy | 35 | 64 | 49 | 71.4 | 78.1 | 73.5 | 54.3 | 46.9 | 53.1 |
| Spain | 42 | 40 | 53 | 71.4 | 72.5 | 69.8 | 52.4 | 42.5 | 52.8 |
| United Kingdom | 88 | 78 | 95 | 89.8 | 80.8 | 78.9 | 61.4 | 53.8 | 52.6 |
| Russian Federation (former USSR) | 131 | 110 | 99 | 92.4 | 88.2 | 82.8 | 71.8 | 60.9 | 55.6 |
| Other | 430 | 597 | 552 | 82.3 | 78.6 | 79.7 | 59.5 | 58.5 | 53.8 |
| Asia | 4,575 | 5,644 | 7,264 | 88.3 | 88.6 | 86.0 | 61.3 | 60.6 | 56.3 |
| China* | 2,480 | 2,857 | 3,269 | 95.3 | 93.9 | 88.6 | 65.3 | 62.3 | 56.7 |
| India | 604 | 1,072 | 1,807 | 92.5 | 92.3 | 90.4 | 63.6 | 65.7 | 58.7 |
| Iran | 42 | 30 | 42 | 83.3 | 100.0 | 100.0 | 50.0 | 63.3 | 61.9 |
| Israel | 23 | 25 | 45 | 91.3 | 52.0 | 66.7 | 56.5 | 36.0 | 48.9 |
| Japan | 89 | 112 | 153 | 79.8 | 78.6 | 77.1 | 55.1 | 59.8 | 54.9 |
| South Korea | 420 | 581 | 647 | 90.2 | 90.2 | 85.8 | 69.8 | 67.8 | 61.4 |
| Taiwan | 372 | 344 | 508 | 83.6 | 82.3 | 80.9 | 57.0 | 53.8 | 53.7 |
| Thailand | 123 | 106 | 106 | 13.0 | 17.9 | 33.0 | 8.1 | 15.1 | 20.8 |
| Turkey | 106 | 135 | 163 | 57.5 | 79.3 | 79.8 | 40.6 | 60.0 | 60.1 |
| Other | 316 | 382 | 524 | 70.6 | 69.6 | 75.6 | 50.3 | 44.2 | 48.5 |
| North/South America | 819 | 966 | 1,243 | 66.8 | 70.0 | 71.5 | 50.8 | 51.2 | 51.1 |
| Canada | 299 | 339 | 426 | 74.9 | 74.9 | 73.7 | 60.2 | 57.2 | 53.3 |
| Mexico | 121 | 104 | 108 | 54.5 | 61.5 | 64.8 | 39.7 | 51.9 | 45.4 |
| Argentina | 52 | 70 | 109 | 80.8 | 72.9 | 72.5 | 63.5 | 61.4 | 56.9 |

Appendix table 3-22

Plans of foreign recipients of U.S. doctorates to stay in the United States, by field of doctorate and place of origin: 2000–11

| Field and place of origin | Foreign S&E doctorate recipients | | | Plans to stay (%) | | | Definite plans to stay (%) | | |
|-------------------------------------|----------------------------------|---------|---------|-------------------|---------|---------|----------------------------|---------|---------|
| | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 |
| Brazil | 77 | 116 | 135 | 41.6 | 53.4 | 58.5 | 33.8 | 39.7 | 43.0 |
| Chile | 45 | 32 | 42 | 60.0 | 65.6 | 61.9 | 46.7 | 43.8 | 45.2 |
| Colombia | 54 | 74 | 128 | 72.2 | 54.1 | 70.3 | 46.3 | 32.4 | 49.2 |
| Peru | 19 | 41 | 57 | 84.2 | 75.6 | 64.9 | 57.9 | 58.5 | 56.1 |
| Venezuela | 41 | 29 | 34 | 61.0 | 69.0 | 82.4 | 43.9 | 41.4 | 58.8 |
| Other | 111 | 161 | 204 | 68.5 | 82.6 | 81.4 | 48.6 | 52.2 | 51.5 |
| Africa | 175 | 291 | 316 | 73.7 | 79.0 | 77.5 | 49.1 | 49.1 | 46.5 |
| Egypt | 42 | 92 | 47 | 64.3 | 77.2 | 74.5 | 47.6 | 53.3 | 44.7 |
| Nigeria | 9 | 17 | 37 | 100.0 | 94.1 | 91.9 | 33.3 | 47.1 | 54.1 |
| South Africa | 19 | 19 | 19 | 89.5 | 78.9 | 68.4 | 63.2 | 36.8 | 52.6 |
| Other | 105 | 163 | 213 | 72.4 | 78.5 | 76.5 | 48.6 | 48.5 | 45.1 |
| Australia/Oceania | 48 | 57 | 44 | 68.8 | 73.7 | 81.8 | 50.0 | 54.4 | 65.9 |
| Australia | 26 | 34 | 24 | 80.8 | 76.5 | 91.7 | 53.8 | 55.9 | 75.0 |
| New Zealand | 19 | 22 | 19 | 63.2 | 68.2 | 68.4 | 52.6 | 54.5 | 57.9 |
| Other | 3 | 1 | 1 | 0.0 | 100.0 | 100.0 | 0.0 | 0.0 | 0.0 |
| Country unknown | 39 | 42 | 77 | 41.0 | 61.9 | 55.8 | 15.4 | 16.7 | 35.1 |
| Health sciences | 1,548 | 1,949 | 2,062 | 59.3 | 65.5 | 71.2 | 39.8 | 41.1 | 43.5 |
| Europe | 154 | 160 | 161 | 68.2 | 66.3 | 75.2 | 49.4 | 42.5 | 51.6 |
| France | 10 | 5 | 2 | 80.0 | 80.0 | 100.0 | 50.0 | 80.0 | 100.0 |
| Germany | 18 | 19 | 28 | 55.6 | 63.2 | 82.1 | 44.4 | 31.6 | 46.4 |
| Greece | 13 | 8 | 9 | 69.2 | 87.5 | 66.7 | 69.2 | 62.5 | 66.7 |
| Italy | 6 | 14 | 4 | 33.3 | 85.7 | 100.0 | 0.0 | 57.1 | 100.0 |
| Spain | 8 | 7 | 11 | 62.5 | 71.4 | 63.6 | 25.0 | 28.6 | 27.3 |
| United Kingdom | 24 | 24 | 23 | 91.7 | 62.5 | 82.6 | 66.7 | 45.8 | 69.6 |
| Russian Federation (former USSR) | 1 | 6 | 7 | 0.0 | 100.0 | 85.7 | 0.0 | 50.0 | 71.4 |
| Other | 74 | 77 | 77 | 66.2 | 58.4 | 70.1 | 48.6 | 37.7 | 44.2 |
| Asia | 1,045 | 1,375 | 1,491 | 59.1 | 67.1 | 72.0 | 38.8 | 41.3 | 43.8 |
| China* | 248 | 337 | 360 | 91.9 | 88.7 | 82.5 | 63.7 | 60.2 | 51.9 |
| India | 153 | 308 | 421 | 87.6 | 91.6 | 88.4 | 60.8 | 58.4 | 53.9 |
| Iran | 4 | 13 | 14 | 100.0 | 100.0 | 92.9 | 0.0 | 61.5 | 35.7 |
| Israel | 6 | 10 | 16 | 83.3 | 50.0 | 50.0 | 33.3 | 30.0 | 37.5 |
| Japan | 43 | 45 | 51 | 44.2 | 64.4 | 47.1 | 34.9 | 44.4 | 29.4 |
| South Korea | 108 | 159 | 184 | 73.1 | 73.0 | 79.3 | 46.3 | 37.7 | 49.5 |
| Taiwan | 169 | 197 | 184 | 44.4 | 44.2 | 57.6 | 25.4 | 21.8 | 37.5 |
| Thailand | 166 | 120 | 88 | 7.8 | 11.7 | 17.0 | 5.4 | 5.8 | 3.4 |
| Turkey | 17 | 15 | 7 | 64.7 | 73.3 | 85.7 | 41.2 | 60.0 | 14.3 |
| Other | 131 | 171 | 166 | 38.2 | 39.2 | 52.4 | 21.4 | 20.5 | 29.5 |
| North/South America | 224 | 238 | 241 | 54.5 | 63.9 | 64.7 | 40.6 | 45.8 | 41.1 |
| Canada | 109 | 110 | 111 | 67.9 | 68.2 | 68.5 | 54.1 | 54.5 | 45.0 |
| Mexico | 15 | 20 | 18 | 46.7 | 55.0 | 55.6 | 20.0 | 45.0 | 55.6 |
| Argentina | 4 | 7 | 11 | 75.0 | 57.1 | 90.9 | 50.0 | 57.1 | 54.5 |
| Brazil | 37 | 46 | 35 | 32.4 | 47.8 | 45.7 | 24.3 | 26.1 | 31.4 |
| Chile | 7 | 5 | 4 | 28.6 | 40.0 | 50.0 | 28.6 | 40.0 | 25.0 |
| Colombia | 13 | 12 | 21 | 30.8 | 83.3 | 81.0 | 30.8 | 50.0 | 47.6 |
| Peru | 8 | 3 | 8 | 62.5 | 66.7 | 50.0 | 25.0 | 0.0 | 37.5 |
| Venezuela | 6 | 12 | 5 | 16.7 | 75.0 | 40.0 | 0.0 | 50.0 | 20.0 |
| Other | 25 | 23 | 28 | 56.0 | 73.9 | 67.9 | 40.0 | 43.5 | 25.0 |
| Africa | 90 | 130 | 133 | 61.1 | 57.7 | 69.9 | 32.2 | 33.1 | 36.1 |
| Egypt | 18 | 39 | 28 | 55.6 | 53.8 | 78.6 | 33.3 | 33.3 | 42.9 |
| Nigeria | 9 | 18 | 25 | 100.0 | 77.8 | 92.0 | 44.4 | 61.1 | 32.0 |
| South Africa | 6 | 10 | 2 | 33.3 | 60.0 | 50.0 | 33.3 | 30.0 | 50.0 |
| Other | 57 | 63 | 78 | 59.6 | 54.0 | 60.3 | 29.8 | 25.4 | 34.6 |
| Australia/Oceania | 18 | 15 | 16 | 83.3 | 73.3 | 68.8 | 72.2 | 60.0 | 43.8 |
| Australia | 13 | 11 | 9 | 92.3 | 81.8 | 88.9 | 76.9 | 72.7 | 55.6 |

Appendix table 3-22

Plans of foreign recipients of U.S. doctorates to stay in the United States, by field of doctorate and place of origin: 2000–11

| Field and place of origin | Foreign S&E doctorate recipients | | | Plans to stay (%) | | | Definite plans to stay (%) | | |
|-------------------------------------|----------------------------------|---------|---------|-------------------|---------|---------|----------------------------|---------|---------|
| | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 |
| New Zealand | 4 | 4 | 5 | 75.0 | 50.0 | 40.0 | 75.0 | 25.0 | 20.0 |
| Other | 1 | 0 | 2 | 0.0 | 0.0 | 50.0 | 0.0 | 0.0 | 50.0 |
| Country unknown | 17 | 31 | 20 | 17.6 | 32.3 | 70.0 | 11.8 | 12.9 | 40.0 |
| Mathematics and computer | 3,643 | 5,814 | 6,719 | 76.4 | 78.3 | 76.8 | 56.7 | 56.2 | 53.3 |
| Europe | 965 | 1,111 | 996 | 76.1 | 71.1 | 71.4 | 59.2 | 54.1 | 54.0 |
| France | 27 | 44 | 33 | 63.0 | 65.9 | 57.6 | 44.4 | 50.0 | 48.5 |
| Germany | 112 | 100 | 110 | 63.4 | 62.0 | 58.2 | 53.6 | 48.0 | 47.3 |
| Greece | 54 | 82 | 71 | 72.2 | 58.5 | 64.8 | 48.1 | 50.0 | 49.3 |
| Italy | 45 | 50 | 64 | 68.9 | 64.0 | 62.5 | 51.1 | 60.0 | 45.3 |
| Spain | 15 | 34 | 27 | 53.3 | 50.0 | 66.7 | 40.0 | 29.4 | 51.9 |
| United Kingdom | 50 | 37 | 47 | 72.0 | 54.1 | 70.2 | 64.0 | 40.5 | 57.4 |
| Russian Federation (former USSR) | 167 | 143 | 101 | 84.4 | 81.1 | 76.2 | 64.7 | 58.7 | 48.5 |
| Other | 495 | 621 | 543 | 79.0 | 75.0 | 76.2 | 61.4 | 56.5 | 58.2 |
| Asia | 2,192 | 4,043 | 5,002 | 80.1 | 83.0 | 79.5 | 58.4 | 58.6 | 54.2 |
| China* | 876 | 2,098 | 2,443 | 90.8 | 91.3 | 86.0 | 67.5 | 65.0 | 58.6 |
| India | 314 | 638 | 973 | 92.0 | 86.4 | 84.7 | 72.0 | 64.7 | 60.7 |
| Iran | 31 | 60 | 57 | 90.3 | 83.3 | 77.2 | 64.5 | 60.0 | 47.4 |
| Israel | 29 | 34 | 45 | 65.5 | 61.8 | 86.7 | 48.3 | 47.1 | 68.9 |
| Japan | 43 | 61 | 40 | 74.4 | 65.6 | 67.5 | 51.2 | 45.9 | 42.5 |
| South Korea | 327 | 445 | 479 | 76.5 | 75.1 | 71.0 | 51.7 | 47.2 | 43.0 |
| Taiwan | 194 | 171 | 179 | 65.5 | 63.7 | 69.3 | 36.1 | 40.4 | 41.9 |
| Thailand | 57 | 68 | 104 | 21.1 | 17.6 | 27.9 | 14.0 | 10.3 | 12.5 |
| Turkey | 118 | 169 | 237 | 68.6 | 69.2 | 62.4 | 55.1 | 53.8 | 46.4 |
| Other | 203 | 299 | 445 | 60.6 | 68.2 | 68.3 | 47.3 | 45.5 | 46.7 |
| North/South America | 323 | 413 | 463 | 57.6 | 58.4 | 64.8 | 43.3 | 43.1 | 48.4 |
| Canada | 98 | 130 | 141 | 66.3 | 65.4 | 60.3 | 51.0 | 53.8 | 49.6 |
| Mexico | 64 | 64 | 78 | 39.1 | 51.6 | 67.9 | 28.1 | 35.9 | 47.4 |
| Argentina | 19 | 34 | 20 | 78.9 | 79.4 | 55.0 | 73.7 | 64.7 | 30.0 |
| Brazil | 57 | 74 | 70 | 54.4 | 44.6 | 58.6 | 40.4 | 31.1 | 50.0 |
| Chile | 13 | 12 | 19 | 53.8 | 50.0 | 57.9 | 38.5 | 16.7 | 42.1 |
| Colombia | 20 | 26 | 52 | 55.0 | 53.8 | 63.5 | 35.0 | 30.8 | 51.9 |
| Peru | 6 | 8 | 14 | 83.3 | 50.0 | 64.3 | 83.3 | 37.5 | 57.1 |
| Venezuela | 25 | 16 | 15 | 48.0 | 43.8 | 66.7 | 28.0 | 25.0 | 46.7 |
| Other | 21 | 49 | 54 | 71.4 | 65.3 | 87.0 | 52.4 | 46.9 | 48.1 |
| Africa | 92 | 169 | 148 | 77.2 | 71.6 | 77.0 | 52.2 | 50.3 | 50.7 |
| Egypt | 23 | 61 | 43 | 78.3 | 60.7 | 58.1 | 56.5 | 39.3 | 44.2 |
| Nigeria | 2 | 3 | 16 | 100.0 | 100.0 | 87.5 | 50.0 | 66.7 | 62.5 |
| South Africa | 16 | 8 | 7 | 75.0 | 75.0 | 71.4 | 50.0 | 75.0 | 71.4 |
| Other | 51 | 97 | 82 | 76.5 | 77.3 | 85.4 | 51.0 | 54.6 | 50.0 |
| Australia/Oceania | 46 | 37 | 41 | 65.2 | 73.0 | 70.7 | 52.2 | 70.3 | 53.7 |
| Australia | 26 | 28 | 28 | 53.8 | 67.9 | 57.1 | 50.0 | 64.3 | 39.3 |
| New Zealand | 19 | 9 | 13 | 78.9 | 88.9 | 100.0 | 52.6 | 88.9 | 84.6 |
| Other | 1 | 0 | 0 | 100.0 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 |
| Country unknown | 25 | 41 | 69 | 32.0 | 46.3 | 43.5 | 8.0 | 24.4 | 20.3 |
| Social science | 6,223 | 7,265 | 8,125 | 56.2 | 59.1 | 57.3 | 39.4 | 41.8 | 38.9 |
| Europe | 1,337 | 1,540 | 1,513 | 65.1 | 67.9 | 63.7 | 50.1 | 52.5 | 46.8 |
| France | 77 | 84 | 68 | 67.5 | 65.5 | 55.9 | 50.6 | 53.6 | 38.2 |
| Germany | 179 | 209 | 248 | 65.4 | 66.5 | 66.1 | 51.4 | 53.6 | 54.4 |
| Greece | 58 | 49 | 55 | 53.4 | 67.3 | 56.4 | 39.7 | 44.9 | 45.5 |
| Italy | 150 | 155 | 138 | 59.3 | 65.2 | 53.6 | 50.0 | 53.5 | 42.0 |
| Spain | 110 | 87 | 92 | 59.1 | 49.4 | 57.6 | 47.3 | 42.5 | 44.6 |
| United Kingdom | 126 | 117 | 112 | 77.8 | 78.6 | 68.8 | 54.8 | 57.3 | 53.6 |

Appendix table 3-22

Plans of foreign recipients of U.S. doctorates to stay in the United States, by field of doctorate and place of origin: 2000–11

| Field and place of origin | Foreign S&E doctorate recipients | | | Plans to stay (%) | | | Definite plans to stay (%) | | |
|-------------------------------------|----------------------------------|---------|---------|-------------------|---------|---------|----------------------------|---------|---------|
| | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 |
| Russian Federation (former USSR) | 94 | 157 | 110 | 79.8 | 75.2 | 69.1 | 59.6 | 50.3 | 40.9 |
| Other | 543 | 682 | 690 | 63.2 | 68.0 | 65.4 | 48.6 | 53.2 | 46.1 |
| Asia | 3,155 | 3,875 | 4,639 | 54.6 | 57.7 | 56.8 | 37.4 | 39.4 | 37.9 |
| China* | 573 | 887 | 1,177 | 81.8 | 78.1 | 68.9 | 60.9 | 57.0 | 47.0 |
| India | 364 | 393 | 567 | 81.3 | 77.4 | 75.1 | 58.5 | 54.7 | 52.7 |
| Iran | 21 | 27 | 34 | 85.7 | 92.6 | 94.1 | 28.6 | 51.9 | 58.8 |
| Israel | 80 | 119 | 147 | 66.3 | 58.8 | 59.9 | 50.0 | 43.7 | 48.3 |
| Japan | 349 | 394 | 387 | 47.6 | 47.2 | 49.4 | 31.8 | 34.8 | 32.8 |
| South Korea | 678 | 802 | 850 | 39.7 | 46.8 | 46.4 | 24.9 | 29.1 | 29.2 |
| Taiwan | 295 | 294 | 300 | 39.3 | 41.5 | 43.3 | 22.4 | 24.1 | 22.7 |
| Thailand | 124 | 141 | 145 | 12.1 | 28.4 | 24.8 | 5.6 | 14.9 | 11.0 |
| Turkey | 222 | 319 | 484 | 50.5 | 49.5 | 45.0 | 35.6 | 35.7 | 31.2 |
| Other | 449 | 499 | 548 | 46.5 | 52.5 | 56.2 | 31.0 | 33.1 | 37.2 |
| North/South America | 1,226 | 1,335 | 1,410 | 49.9 | 54.7 | 52.1 | 35.7 | 39.5 | 36.8 |
| Canada | 438 | 468 | 485 | 60.0 | 58.8 | 55.1 | 45.4 | 43.6 | 39.2 |
| Mexico | 188 | 182 | 176 | 35.1 | 41.2 | 50.0 | 20.7 | 33.0 | 35.8 |
| Argentina | 98 | 136 | 132 | 49.0 | 66.9 | 56.8 | 39.8 | 55.1 | 46.2 |
| Brazil | 131 | 143 | 138 | 38.2 | 42.7 | 41.3 | 29.0 | 33.6 | 29.7 |
| Chile | 53 | 58 | 75 | 24.5 | 32.8 | 32.0 | 20.8 | 17.2 | 24.0 |
| Colombia | 41 | 78 | 103 | 46.3 | 43.6 | 46.6 | 36.6 | 26.9 | 34.0 |
| Peru | 43 | 37 | 45 | 65.1 | 54.1 | 60.0 | 48.8 | 27.0 | 46.7 |
| Venezuela | 45 | 33 | 29 | 31.1 | 63.6 | 48.3 | 17.8 | 51.5 | 37.9 |
| Other | 189 | 200 | 227 | 58.7 | 67.0 | 59.0 | 36.0 | 41.0 | 34.8 |
| Africa | 343 | 352 | 385 | 61.5 | 59.7 | 59.2 | 33.8 | 34.1 | 30.4 |
| Egypt | 29 | 43 | 28 | 37.9 | 39.5 | 42.9 | 27.6 | 32.6 | 32.1 |
| Nigeria | 29 | 26 | 27 | 86.2 | 80.8 | 81.5 | 48.3 | 34.6 | 40.7 |
| South Africa | 41 | 30 | 34 | 53.7 | 30.0 | 35.3 | 34.1 | 16.7 | 35.3 |
| Other | 244 | 253 | 296 | 62.7 | 64.4 | 61.5 | 32.8 | 36.4 | 28.7 |
| Australia/Oceania | 82 | 84 | 77 | 64.6 | 53.6 | 59.7 | 42.7 | 42.9 | 48.1 |
| Australia | 56 | 65 | 48 | 66.1 | 55.4 | 58.3 | 39.3 | 44.6 | 50.0 |
| New Zealand | 22 | 19 | 27 | 63.6 | 47.4 | 63.0 | 50.0 | 36.8 | 44.4 |
| Other | 4 | 0 | 2 | 50.0 | 0.0 | 50.0 | 50.0 | 0.0 | 50.0 |
| Country unknown | 80 | 79 | 101 | 33.8 | 35.4 | 46.5 | 17.5 | 22.8 | 24.8 |
| Engineering | 11,996 | 17,093 | 18,228 | 75.8 | 80.0 | 79.1 | 50.2 | 49.4 | 49.5 |
| Europe | 1,262 | 1,293 | 1,226 | 75.8 | 76.9 | 72.8 | 53.2 | 49.3 | 49.3 |
| France | 95 | 145 | 190 | 68.4 | 73.1 | 70.0 | 49.5 | 45.5 | 46.8 |
| Germany | 163 | 115 | 106 | 58.9 | 70.4 | 74.5 | 41.7 | 52.2 | 58.5 |
| Greece | 126 | 146 | 132 | 75.4 | 69.9 | 65.2 | 61.1 | 39.0 | 47.0 |
| Italy | 92 | 102 | 169 | 63.0 | 78.4 | 72.8 | 42.4 | 50.0 | 54.4 |
| Spain | 52 | 60 | 78 | 69.2 | 61.7 | 69.2 | 51.9 | 40.0 | 44.9 |
| United Kingdom | 46 | 53 | 39 | 78.3 | 81.1 | 87.2 | 45.7 | 54.7 | 64.1 |
| Russian Federation (former USSR) | 153 | 127 | 82 | 85.6 | 85.0 | 87.8 | 54.9 | 55.1 | 48.8 |
| Other | 535 | 545 | 430 | 82.2 | 80.2 | 72.3 | 57.6 | 51.4 | 46.3 |
| Asia | 9,344 | 14,170 | 15,141 | 78.2 | 81.6 | 80.6 | 51.5 | 50.2 | 50.4 |
| China* | 3,524 | 6,192 | 5,458 | 93.1 | 91.7 | 87.4 | 61.1 | 55.5 | 52.9 |
| India | 1,302 | 2,586 | 3,796 | 90.2 | 90.4 | 87.8 | 69.6 | 61.4 | 58.3 |
| Iran | 173 | 320 | 575 | 90.2 | 93.8 | 91.1 | 58.4 | 64.1 | 61.4 |
| Israel | 23 | 42 | 44 | 87.0 | 78.6 | 70.5 | 47.8 | 69.0 | 59.1 |
| Japan | 112 | 138 | 120 | 50.9 | 68.1 | 51.7 | 37.5 | 39.1 | 34.2 |
| South Korea | 1,373 | 2,051 | 2,008 | 68.9 | 66.6 | 66.9 | 40.3 | 37.8 | 41.7 |
| Taiwan | 936 | 659 | 814 | 70.5 | 69.0 | 74.1 | 40.6 | 34.1 | 38.6 |
| Thailand | 479 | 465 | 360 | 24.0 | 33.5 | 40.3 | 12.7 | 17.2 | 16.1 |
| Turkey | 598 | 647 | 768 | 66.9 | 71.7 | 75.3 | 45.2 | 46.4 | 50.5 |

Appendix table 3-22

Plans of foreign recipients of U.S. doctorates to stay in the United States, by field of doctorate and place of origin: 2000–11

| Field and place of origin | Foreign S&E doctorate recipients | | | Plans to stay (%) | | | Definite plans to stay (%) | | |
|---------------------------|----------------------------------|---------|---------|-------------------|---------|---------|----------------------------|---------|---------|
| | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 | 2000–03 | 2004–07 | 2008–11 |
| Other | 824 | 1,070 | 1,198 | 60.7 | 63.7 | 67.7 | 40.2 | 39.4 | 42.7 |
| North/South America | 823 | 1,036 | 1,179 | 59.5 | 66.4 | 69.4 | 40.8 | 43.1 | 43.5 |
| Canada | 166 | 234 | 301 | 77.7 | 74.8 | 77.4 | 51.8 | 49.6 | 49.5 |
| Mexico | 216 | 208 | 176 | 51.9 | 56.7 | 59.1 | 36.1 | 38.9 | 40.9 |
| Argentina | 41 | 61 | 52 | 73.2 | 72.1 | 71.2 | 61.0 | 41.0 | 55.8 |
| Brazil | 123 | 114 | 101 | 39.8 | 50.0 | 55.4 | 26.8 | 31.6 | 34.7 |
| Chile | 36 | 52 | 67 | 30.6 | 32.7 | 34.3 | 27.8 | 25.0 | 23.9 |
| Colombia | 63 | 114 | 195 | 63.5 | 77.2 | 70.8 | 42.9 | 50.0 | 41.0 |
| Peru | 22 | 38 | 64 | 77.3 | 81.6 | 76.6 | 54.5 | 55.3 | 48.4 |
| Venezuela | 74 | 87 | 71 | 59.5 | 66.7 | 88.7 | 37.8 | 36.8 | 49.3 |
| Other | 82 | 128 | 152 | 70.7 | 78.1 | 75.7 | 45.1 | 50.8 | 43.4 |
| Africa | 418 | 449 | 490 | 68.9 | 75.7 | 79.4 | 45.2 | 44.3 | 43.7 |
| Egypt | 226 | 232 | 178 | 63.3 | 70.7 | 74.7 | 42.9 | 46.6 | 43.3 |
| Nigeria | 17 | 44 | 80 | 94.1 | 90.9 | 86.3 | 47.1 | 45.5 | 45.0 |
| South Africa | 32 | 28 | 20 | 68.8 | 67.9 | 65.0 | 59.4 | 46.4 | 35.0 |
| Other | 143 | 145 | 212 | 74.8 | 80.7 | 82.1 | 45.5 | 40.0 | 44.3 |
| Australia/Oceania | 35 | 55 | 41 | 62.9 | 80.0 | 73.2 | 34.3 | 61.8 | 31.7 |
| Australia | 21 | 35 | 22 | 61.9 | 80.0 | 77.3 | 28.6 | 60.0 | 36.4 |
| New Zealand | 13 | 20 | 17 | 69.2 | 80.0 | 64.7 | 46.2 | 65.0 | 29.4 |
| Other | 1 | 0 | 2 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 |
| Country unknown | 114 | 90 | 151 | 21.9 | 48.9 | 53.6 | 7.9 | 18.9 | 31.8 |

* Includes Hong Kong.

NOTES: Data include foreign doctorate recipients who are permanent or temporary residents. The information on plan to stay or definite plan to stay reflects intentions within the year after graduation as reported by the doctoral recipient around the graduation date. Recipients who plan to stay think they will locate in the United States; those with definite plans have a postdoctoral research appointment or a definite employment plan in the United States. Percentages are based on the total number of foreign S&E doctorate recipients, including those who did not report their postgraduate location plans or employment plans. The percentage of foreign S&E doctorate recipients who did not report postgraduate location plans ranged from 2.3% to 4.8% over the 2000–11 period, and the percentage who either did not report postgraduate location plans or did not report employment plans ranged from 3.9% to 7.4% over that period.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, special tabulations of Survey of Earned Doctorates (2000–11).