

## APPENDIX TABLE 6-33

**Exports and imports of computer products, by region, country, or economy: 2001–16**

(Millions of current dollars)

| Region, country, or economy | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    | 2009    | 2010    | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Exports                     |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| World                       | 243,226 | 248,260 | 278,085 | 327,430 | 367,250 | 400,240 | 374,862 | 381,564 | 324,408 | 400,247 | 412,247 | 410,894 | 406,537 | 410,331 | 386,327 | 372,122 |
| North America               | 33,686  | 25,388  | 25,220  | 24,391  | 33,972  | 36,745  | 35,321  | 34,388  | 27,697  | 29,993  | 30,351  | 30,585  | 28,301  | 28,949  | 27,050  | 25,281  |
| Canada                      | 810     | 611     | 841     | 900     | 991     | 1,182   | 1,301   | 1,261   | 1,025   | 1,020   | 956     | 866     | 801     | 873     | 852     | 811     |
| Mexico                      | 2,086   | 2,162   | 2,037   | 2,010   | 2,409   | 2,794   | 2,370   | 2,528   | 1,828   | 2,139   | 2,521   | 2,566   | 2,199   | 3,141   | 3,244   | 3,153   |
| United States               | 30,790  | 22,614  | 22,341  | 21,481  | 30,571  | 32,769  | 31,651  | 30,600  | 24,844  | 26,835  | 26,874  | 27,153  | 25,301  | 24,936  | 22,954  | 21,318  |
| Central and South America   | 926     | 904     | 1,131   | 1,017   | 2,976   | 3,594   | 3,773   | 4,160   | 5,704   | 6,664   | 4,252   | 4,591   | 3,787   | 3,106   | 433     | 432     |
| Brazil                      | 333     | 205     | 238     | 297     | 459     | 490     | 295     | 359     | 352     | 331     | 331     | 282     | 304     | 181     | 149     | 165     |
| Central America             | 529     | 635     | 781     | 646     | 2,431   | 3,031   | 3,367   | 3,692   | 5,204   | 6,162   | 3,777   | 4,188   | 3,316   | 2,785   | 223     | 204     |
| All others                  | 63      | 64      | 111     | 74      | 87      | 73      | 111     | 109     | 148     | 171     | 144     | 121     | 167     | 140     | 62      | 63      |
| Europe                      |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| EU                          | 24,588  | 23,418  | 25,402  | 29,006  | 33,429  | 34,219  | 32,438  | 31,596  | 25,295  | 26,186  | 28,118  | 26,437  | 26,453  | 25,385  | 21,480  | 20,474  |
| France                      | 2,207   | 1,985   | 1,987   | 2,332   | 2,215   | 2,407   | 2,585   | 2,625   | 2,033   | 1,902   | 2,251   | 1,900   | 1,862   | 1,717   | 1,588   | 1,479   |
| Germany                     | 3,779   | 3,961   | 4,909   | 6,759   | 7,156   | 7,896   | 6,794   | 7,088   | 5,006   | 5,521   | 6,201   | 5,712   | 5,475   | 5,244   | 4,381   | 4,129   |
| United Kingdom              | 5,265   | 4,081   | 4,531   | 4,540   | 5,244   | 4,500   | 3,197   | 3,259   | 2,698   | 2,561   | 2,435   | 2,223   | 2,534   | 2,434   | 2,252   | 2,019   |
| All others                  | 13,336  | 13,391  | 13,976  | 15,374  | 18,814  | 19,416  | 19,862  | 18,624  | 15,559  | 16,202  | 17,230  | 16,601  | 16,582  | 15,990  | 13,258  | 12,848  |



| Region, country, or economy | 2001   | 2002   | 2003   | 2004    | 2005    | 2006    | 2007    | 2008    | 2009    | 2010    | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    |
|-----------------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Other Europe                | 1,745  | 1,210  | 1,377  | 1,493   | 1,724   | 1,745   | 2,048   | 2,202   | 1,990   | 1,787   | 2,168   | 2,287   | 2,421   | 2,565   | 2,047   | 2,009   |
| Russia                      | 50     | 95     | 67     | 96      | 94      | 133     | 164     | 221     | 191     | 125     | 284     | 355     | 387     | 755     | 378     | 372     |
| Switzerland                 | 1,116  | 667    | 808    | 800     | 987     | 867     | 955     | 974     | 827     | 760     | 811     | 677     | 679     | 692     | 712     | 749     |
| Turkey                      | 52     | 47     | 47     | 68      | 84      | 109     | 135     | 155     | 101     | 117     | 225     | 225     | 277     | 284     | 254     | 220     |
| All others                  | 526    | 401    | 455    | 529     | 559     | 636     | 794     | 852     | 871     | 785     | 847     | 1,030   | 1,077   | 834     | 702     | 669     |
| Middle East                 | 1,479  | 1,373  | 1,491  | 1,868   | 2,420   | 2,034   | 2,981   | 3,006   | 2,165   | 3,125   | 3,286   | 2,541   | 2,603   | 2,547   | 2,642   | 2,686   |
| Israel                      | 978    | 828    | 855    | 1,036   | 1,145   | 1,140   | 1,383   | 1,342   | 1,075   | 1,186   | 1,124   | 1,034   | 1,046   | 1,093   | 1,091   | 1,090   |
| All others                  | 501    | 545    | 636    | 832     | 1,275   | 894     | 1,598   | 1,664   | 1,090   | 1,940   | 2,162   | 1,507   | 1,557   | 1,454   | 1,551   | 1,596   |
| Africa                      | 199    | 172    | 230    | 274     | 319     | 470     | 497     | 517     | 572     | 459     | 420     | 454     | 394     | 478     | 492     | 508     |
| Asia                        |        |        |        |         |         |         |         |         |         |         |         |         |         |         |         |         |
| China                       | 35,986 | 50,306 | 75,453 | 108,647 | 133,061 | 154,181 | 155,906 | 165,854 | 150,292 | 202,488 | 223,674 | 225,500 | 224,408 | 227,975 | 216,816 | 208,414 |
| India                       | 530    | 238    | 236    | 308     | 275     | 375     | 420     | 629     | 608     | 636     | 734     | 697     | 535     | 462     | 448     | 453     |
| Indonesia                   | 3,060  | 3,080  | 2,689  | 3,257   | 3,409   | 2,955   | 2,939   | 3,128   | 2,699   | 2,829   | 2,524   | 2,471   | 1,977   | 2,052   | 2,036   | 1,848   |
| Japan                       | 29,379 | 27,092 | 27,195 | 28,685  | 27,373  | 28,035  | 18,244  | 17,354  | 12,881  | 13,706  | 12,849  | 11,494  | 10,902  | 10,147  | 9,013   | 8,577   |
| Malaysia                    | 20,854 | 21,303 | 22,743 | 25,746  | 29,195  | 33,695  | 32,573  | 30,906  | 24,201  | 26,672  | 22,052  | 20,282  | 19,481  | 18,445  | 16,977  | 16,213  |
| Philippines                 | 9,575  | 9,912  | 9,346  | 8,962   | 9,198   | 8,552   | 7,524   | 7,002   | 4,466   | 5,194   | 5,711   | 6,327   | 6,755   | 8,659   | 8,546   | 8,911   |
| Singapore                   | 24,818 | 24,795 | 25,708 | 27,914  | 28,767  | 29,139  | 19,118  | 22,801  | 16,912  | 20,587  | 18,756  | 17,847  | 16,127  | 14,875  | 14,150  | 12,974  |
| South Korea                 | 14,698 | 17,494 | 19,047 | 22,089  | 19,136  | 19,282  | 19,086  | 14,119  | 11,138  | 14,544  | 12,671  | 11,217  | 11,704  | 11,828  | 10,732  | 9,316   |
| Taiwan                      | 29,898 | 30,411 | 28,370 | 28,655  | 23,793  | 23,257  | 18,506  | 15,807  | 12,513  | 15,782  | 15,475  | 13,955  | 14,386  | 15,769  | 15,149  | 15,695  |



| Region, country, or economy | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    | 2009    | 2010    | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Thailand                    | 10,139  | 9,987   | 11,003  | 13,574  | 16,384  | 19,582  | 20,585  | 24,403  | 21,922  | 25,044  | 23,952  | 26,922  | 24,654  | 25,256  | 24,702  | 24,390  |
| Vietnam                     | 64      | 100     | 307     | 272     | 580     | 1,063   | 1,398   | 2,127   | 1,854   | 2,651   | 3,095   | 5,402   | 9,606   | 9,724   | 11,313  | 11,535  |
| All others                  | 98      | 109     | 100     | 105     | 94      | 103     | 79      | 67      | 50      | 190     | 65      | 62      | 46      | 56      | 46      | 46      |
| Australia                   | 673     | 666     | 736     | 773     | 830     | 831     | 859     | 906     | 716     | 967     | 1,069   | 1,075   | 1,074   | 1,221   | 1,229   | 1,368   |
| All others                  | 830     | 302     | 301     | 396     | 317     | 383     | 567     | 593     | 732     | 742     | 1,024   | 748     | 922     | 833     | 1,027   | 994     |
| <b>Imports</b>              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| World                       | 243,226 | 248,260 | 278,085 | 327,430 | 367,250 | 400,240 | 374,862 | 381,564 | 324,408 | 400,247 | 412,247 | 410,894 | 406,537 | 410,331 | 386,327 | 372,122 |
| North America               | 70,164  | 75,381  | 81,964  | 97,174  | 103,409 | 113,120 | 108,067 | 104,013 | 96,719  | 118,465 | 122,005 | 123,561 | 123,669 | 124,996 | 119,607 | 111,999 |
| Canada                      | 4,675   | 3,167   | 4,749   | 6,352   | 7,386   | 7,792   | 7,468   | 7,713   | 5,289   | 8,396   | 9,225   | 8,083   | 8,055   | 8,173   | 6,979   | 7,069   |
| Mexico                      | 2,935   | 5,093   | 4,242   | 6,851   | 6,611   | 7,913   | 7,833   | 8,254   | 6,780   | 11,479  | 12,192  | 14,629  | 14,036  | 14,988  | 14,530  | 13,706  |
| United States               | 62,553  | 63,662  | 70,171  | 84,637  | 89,001  | 97,370  | 93,152  | 87,688  | 82,819  | 104,482 | 101,846 | 103,154 | 100,476 | 102,028 | 101,332 | 90,311  |
| Central and South America   | 6,069   | 4,442   | 4,642   | 5,752   | 9,216   | 12,038  | 13,715  | 16,269  | 14,908  | 17,587  | 19,921  | 20,335  | 18,883  | 17,416  | 14,672  | 13,453  |
| Brazil                      | 2,244   | 1,447   | 1,357   | 1,609   | 2,866   | 3,855   | 4,302   | 5,408   | 4,966   | 6,158   | 6,180   | 6,681   | 5,735   | 5,171   | 3,793   | 3,406   |
| Central America             | 948     | 921     | 856     | 947     | 1,479   | 1,733   | 1,732   | 2,005   | 1,654   | 1,812   | 2,169   | 2,109   | 2,007   | 1,941   | 1,961   | 2,032   |
| All others                  | 2,877   | 2,073   | 2,430   | 3,196   | 4,871   | 6,449   | 7,681   | 8,857   | 8,289   | 9,617   | 11,572  | 11,545  | 11,141  | 10,304  | 8,918   | 8,015   |
| Europe                      |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| EU                          | 62,354  | 59,422  | 69,698  | 84,542  | 93,915  | 105,377 | 97,313  | 96,412  | 74,602  | 92,502  | 94,287  | 89,959  | 92,639  | 96,123  | 88,743  | 85,107  |
| France                      | 6,449   | 6,244   | 7,336   | 9,010   | 9,398   | 10,638  | 10,139  | 10,505  | 8,246   | 8,853   | 9,985   | 9,290   | 10,001  | 9,431   | 8,038   | 7,640   |
| Germany                     | 15,513  | 15,895  | 18,042  | 22,433  | 25,028  | 28,149  | 24,082  | 22,676  | 17,369  | 22,359  | 22,667  | 20,842  | 20,698  | 23,379  | 22,699  | 21,707  |



| Region, country, or economy | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| United Kingdom              | 11,831 | 10,127 | 9,745  | 11,116 | 11,880 | 12,985 | 11,387 | 10,330 | 7,870  | 11,961 | 11,734 | 9,966  | 10,252 | 10,677 | 9,782  | 9,178  |
| All others                  | 28,561 | 27,156 | 34,574 | 41,982 | 47,608 | 53,604 | 51,704 | 52,901 | 41,117 | 49,329 | 49,901 | 49,861 | 51,688 | 52,635 | 48,224 | 46,582 |
| Other Europe                | 9,161  | 8,670  | 10,736 | 13,659 | 16,599 | 17,762 | 18,942 | 18,544 | 14,610 | 18,395 | 20,877 | 22,226 | 22,787 | 20,208 | 17,313 | 17,184 |
| Russia                      | 1,678  | 1,873  | 2,591  | 3,133  | 4,137  | 4,836  | 5,499  | 5,473  | 3,502  | 5,597  | 6,416  | 7,556  | 7,057  | 5,102  | 3,834  | 3,665  |
| Switzerland                 | 3,600  | 3,271  | 3,770  | 4,503  | 4,651  | 4,357  | 3,453  | 3,674  | 3,561  | 3,941  | 4,356  | 4,443  | 4,870  | 4,950  | 4,431  | 4,439  |
| Turkey                      | 740    | 958    | 1,283  | 2,029  | 3,268  | 3,622  | 4,025  | 3,755  | 3,484  | 3,983  | 4,115  | 4,120  | 4,486  | 4,499  | 4,329  | 4,393  |
| All others                  | 3,143  | 2,568  | 3,093  | 3,993  | 4,543  | 4,946  | 5,964  | 5,643  | 4,064  | 4,874  | 5,990  | 6,108  | 6,374  | 5,656  | 4,719  | 4,686  |
| Middle East                 | 4,129  | 4,180  | 4,593  | 5,442  | 7,345  | 8,110  | 9,133  | 9,927  | 9,444  | 11,660 | 12,861 | 12,782 | 12,886 | 13,962 | 13,686 | 13,642 |
| Israel                      | 1,289  | 1,023  | 1,134  | 1,267  | 1,550  | 1,661  | 1,608  | 1,415  | 1,297  | 1,500  | 1,559  | 1,493  | 1,477  | 1,606  | 1,565  | 1,692  |
| All others                  | 2,840  | 3,157  | 3,460  | 4,174  | 5,795  | 6,449  | 7,525  | 8,512  | 8,148  | 10,161 | 11,302 | 11,289 | 11,409 | 12,356 | 12,121 | 11,950 |
| Africa                      | 2,979  | 2,934  | 3,509  | 4,433  | 5,279  | 5,965  | 6,065  | 6,707  | 6,106  | 6,596  | 6,805  | 6,673  | 6,557  | 6,443  | 6,070  | 5,698  |
| Asia                        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| China                       | 19,142 | 22,166 | 28,480 | 32,606 | 38,615 | 42,913 | 37,673 | 38,361 | 32,608 | 42,342 | 39,829 | 39,190 | 36,178 | 38,055 | 37,419 | 37,122 |
| India                       | 1,650  | 1,599  | 1,861  | 2,599  | 3,569  | 4,580  | 4,535  | 5,798  | 4,942  | 6,561  | 7,142  | 7,082  | 7,331  | 7,055  | 7,245  | 7,052  |
| Indonesia                   | 550    | 578    | 601    | 732    | 796    | 792    | 1,088  | 2,754  | 2,216  | 3,182  | 3,425  | 3,298  | 3,264  | 3,188  | 3,065  | 2,924  |
| Japan                       | 22,675 | 21,208 | 23,520 | 26,139 | 27,174 | 26,204 | 22,367 | 23,104 | 18,738 | 23,406 | 25,000 | 25,281 | 24,196 | 24,170 | 20,826 | 19,434 |
| Malaysia                    | 4,441  | 5,655  | 6,716  | 8,609  | 9,531  | 9,867  | 10,325 | 8,920  | 7,505  | 7,625  | 7,261  | 6,851  | 6,338  | 6,267  | 5,957  | 5,991  |
| Philippines                 | 2,710  | 3,034  | 2,938  | 2,925  | 2,898  | 2,687  | 2,655  | 2,899  | 2,142  | 2,446  | 2,263  | 2,800  | 2,525  | 2,515  | 2,763  | 3,214  |
| Singapore                   | 14,015 | 13,833 | 13,724 | 15,730 | 18,011 | 17,433 | 11,198 | 15,730 | 12,176 | 14,873 | 14,187 | 14,070 | 13,100 | 12,686 | 12,465 | 11,920 |



| Region, country, or economy | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| South Korea                 | 5,896 | 5,997 | 6,109 | 6,543 | 8,238 | 8,902 | 8,758 | 8,375 | 7,055 | 9,530 | 9,140 | 8,482 | 8,322 | 9,078 | 9,496 | 9,982 |
| Taiwan                      | 7,522 | 8,340 | 7,318 | 6,825 | 6,502 | 7,162 | 5,575 | 5,065 | 4,458 | 5,137 | 4,917 | 4,860 | 5,126 | 5,703 | 5,652 | 5,901 |
| Thailand                    | 4,101 | 4,073 | 4,649 | 4,739 | 6,134 | 6,913 | 6,643 | 6,993 | 5,872 | 6,918 | 7,646 | 8,626 | 7,973 | 7,446 | 6,777 | 6,874 |
| Vietnam                     | 280   | 330   | 472   | 1,058 | 875   | 945   | 968   | 1,322 | 1,450 | 1,723 | 2,043 | 2,102 | 2,677 | 2,899 | 3,057 | 3,252 |
| All others                  | 598   | 624   | 710   | 820   | 975   | 1,062 | 961   | 1,320 | 1,164 | 1,538 | 1,651 | 1,920 | 1,735 | 1,853 | 1,780 | 1,816 |
| Australia                   | 3,865 | 4,036 | 4,576 | 5,634 | 6,335 | 6,767 | 7,104 | 7,296 | 6,330 | 8,054 | 8,964 | 8,804 | 8,386 | 8,317 | 7,962 | 7,664 |
| All others                  | 924   | 1,758 | 1,269 | 1,470 | 1,834 | 1,639 | 1,779 | 1,755 | 1,364 | 1,703 | 2,022 | 1,992 | 1,964 | 1,953 | 1,773 | 1,894 |

EU = European Union.

**Note(s)**

Data are not available for EU member Luxembourg. China includes Hong Kong. Detail may not add to total because of rounding. See Appendix Table 6-38 for a full list of countries and economies in each region.

**Source(s)**

IHS Global Insight, special tabulations (2017) of the World Trade Service database.

*Science and Engineering Indicators 2018*