**Part B: NOT Seasonally Adjusted**

## Exhibit 16a. Exports, Imports, and Balance of Advanced Technology Products by Technology Group and Selected Countries and Areas

In millions of dollars. Details may not equal totals due to rounding.

| Technology Group | 2011 | | | | | | | | | 2010 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | May | | | April | | | Year-to-Date | | | Year-to-Date | | |
| | Balance | Exports | Imports | Balance | Exports | Imports | Balance | Exports | Imports | Balance | Exports | Imports |
| **Total** | **-7,902** | **23,335** | **31,237** | **-7,018** | **23,037** | **30,055** | **-34,838** | **113,793** | **148,631** | **-23,020** | **108,112** | **131,131** |
| Advanced Materials | 15 | 181 | 166 | 43 | 201 | 158 | 98 | 921 | 824 | 147 | 906 | 759 |
| Aerospace (1) | 4,616 | 7,251 | 2,635 | 4,173 | 6,848 | 2,675 | 20,387 | 33,579 | 13,193 | 20,369 | 32,302 | 11,932 |
| Biotechnology | -162 | 716 | 878 | -135 | 787 | 922 | -628 | 3,634 | 4,262 | 3,135 | 5,577 | 2,442 |
| Electronics | 785 | 3,600 | 2,815 | 593 | 3,444 | 2,851 | 3,923 | 17,905 | 13,982 | 9,158 | 18,555 | 9,397 |
| Flexible Manufacturing | 118 | 1,277 | 1,159 | 261 | 1,305 | 1,044 | 338 | 6,312 | 5,974 | 2,813 | 5,763 | 2,949 |
| Information and Communications (1) | -10,767 | 6,906 | 17,673 | -9,097 | 7,164 | 16,261 | -46,539 | 34,954 | 81,493 | -46,480 | 29,668 | 76,148 |
| Life Science | -1,229 | 2,313 | 3,542 | -1,427 | 2,334 | 3,761 | -6,143 | 11,784 | 17,927 | -5,775 | 11,291 | 17,066 |
| Nuclear Technology | -85 | 209 | 295 | -106 | 150 | 256 | -475 | 776 | 1,252 | -364 | 930 | 1,294 |
| Opto-Electronics (1) | -1,447 | 555 | 2,002 | -1,508 | 540 | 2,047 | -6,652 | 2,721 | 9,374 | -6,488 | 2,278 | 8,767 |
| Weapons | 255 | 326 | 71 | 185 | 265 | 79 | 856 | 1,206 | 350 | 466 | 842 | 375 |

| Selected Countries and Areas | 2011 | | | | | | | | | 2010 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | May | | | April | | | Year-to-Date | | | Year-to-Date | | |
| | Balance | Exports | Imports | Balance | Exports | Imports | Balance | Exports | Imports | Balance | Exports | Imports |
| **Total** | **-7,902** | **23,335** | **31,237** | **-7,018** | **23,037** | **30,055** | **-34,838** | **113,793** | **148,631** | **-23,020** | **108,112** | **131,131** |
| North America | -139 | 4,857 | 4,996 | 43 | 4,812 | 4,768 | 842 | 24,571 | 23,729 | -2,515 | 20,721 | 23,236 |
| Canada | 1,379 | 2,349 | 970 | 1,337 | 2,372 | 1,035 | 6,925 | 12,249 | 5,325 | 5,588 | 10,601 | 5,013 |
| Mexico | -1,518 | 2,509 | 4,026 | -1,294 | 2,440 | 3,733 | -6,083 | 12,322 | 18,405 | -8,103 | 10,120 | 18,223 |
| European Union | -508 | 5,434 | 5,942 | -516 | 5,583 | 6,099 | -2,289 | 27,474 | 29,762 | 1,821 | 27,527 | 25,706 |
| France | 19 | 995 | 976 | 83 | 1,085 | 1,002 | 24 | 4,566 | 4,542 | -354 | 4,292 | 4,645 |
| Germany | 103 | 1,086 | 983 | 141 | 1,035 | 894 | 797 | 5,432 | 4,635 | 2,804 | 6,730 | 3,926 |
| Ireland | -1,410 | 88 | 1,498 | -1,796 | 80 | 1,876 | -6,801 | 1,246 | 8,048 | -5,054 | 1,724 | 6,778 |
| Italy | -59 | 244 | 303 | -5 | 249 | 254 | -70 | 1,260 | 1,331 | -151 | 1,071 | 1,221 |
| United Kingdom | 252 | 1,122 | 870 | 428 | 1,138 | 710 | 1,844 | 5,607 | 3,762 | 1,414 | 4,971 | 3,557 |
| Other EU | 587 | 1,899 | 1,311 | 633 | 1,996 | 1,363 | 1,918 | 9,362 | 7,444 | 3,161 | 8,739 | 5,578 |
| Pacific Rim Countries | -10,024 | 7,980 | 18,004 | -9,378 | 7,577 | 16,955 | -46,746 | 37,613 | 84,359 | -35,009 | 37,568 | 72,577 |
| Australia | 317 | 421 | 103 | 383 | 472 | 89 | 1,484 | 1,879 | 395 | 1,347 | 1,668 | 321 |
| China | -8,546 | 1,755 | 10,301 | -7,859 | 1,428 | 9,288 | -40,188 | 7,632 | 47,820 | -32,527 | 8,105 | 40,632 |
| Indonesia | -19 | 71 | 89 | 11 | 107 | 96 | -120 | 430 | 550 | 188 | 686 | 499 |
| Japan | -665 | 1,179 | 1,844 | -653 | 1,182 | 1,835 | -3,774 | 6,072 | 9,846 | -2,566 | 6,195 | 8,761 |
| Malaysia | -436 | 675 | 1,111 | -579 | 673 | 1,251 | -2,332 | 3,518 | 5,851 | -3,188 | 3,157 | 6,345 |
| Philippines | 26 | 310 | 284 | 69 | 322 | 252 | 127 | 1,436 | 1,308 | 296 | 1,432 | 1,136 |
| Newly Industrialized Countries (NICS) | -774 | 3,484 | 4,258 | -812 | 3,315 | 4,127 | -2,519 | 15,999 | 18,519 | 1,220 | 16,021 | 14,801 |
| Hong Kong | 713 | 782 | 69 | 754 | 817 | 63 | 3,273 | 3,582 | 310 | 3,190 | 3,417 | 226 |
| Korea | -715 | 1,085 | 1,800 | -797 | 801 | 1,598 | -3,137 | 4,228 | 7,365 | -1,912 | 4,330 | 6,242 |
| Singapore | 170 | 844 | 674 | 209 | 893 | 684 | 896 | 4,176 | 3,280 | 1,330 | 4,303 | 2,973 |
| Taiwan | -943 | 773 | 1,716 | -978 | 804 | 1,782 | -3,551 | 4,013 | 7,564 | -1,389 | 3,972 | 5,360 |
| Other Pacific Rim | 71 | 85 | 14 | 63 | 79 | 16 | 578 | 648 | 70 | 221 | 304 | 83 |
| South/Central America | 1,542 | 2,222 | 680 | 1,562 | 2,226 | 664 | 7,661 | 10,764 | 3,104 | 7,716 | 10,290 | 2,574 |
| Brazil | 895 | 982 | 87 | 814 | 873 | 59 | 4,219 | 4,543 | 324 | 4,311 | 4,472 | 161 |
| Other S/C America | 647 | 1,240 | 593 | 748 | 1,353 | 605 | 3,442 | 6,222 | 2,780 | 3,405 | 5,818 | 2,412 |
| Other Countries | 1,227 | 2,842 | 1,615 | 1,269 | 2,839 | 1,569 | 5,694 | 13,371 | 7,676 | 4,968 | 12,007 | 7,038 |
| India | 95 | 219 | 125 | 106 | 211 | 105 | 515 | 1,106 | 591 | 720 | 1,346 | 626 |
| Israel | 35 | 230 | 195 | 27 | 217 | 191 | 32 | 1,123 | 1,091 | -158 | 917 | 1,075 |
| Thailand | -454 | 245 | 699 | -464 | 228 | 692 | -2,079 | 1,225 | 3,303 | -1,947 | 1,120 | 3,067 |
| Other | 1,551 | 2,148 | 596 | 1,601 | 2,182 | 581 | 7,226 | 9,917 | 2,691 | 6,354 | 8,624 | 2,270 |

(1) Due to non-disclosure requirements, certain 10-digit Schedule B commodity classifications are subject to suppression and require a change in aggregation. As a result, Advanced Technology Product exports are overstated by $481 million in May 2011. For additional information see www.census.gov/ft900.

NOTES:
* Data not available on a BOP basis. For information on data sources, nonsampling errors and definitions, see the information section on page A-1 of this release, or at www.census.gov/ft900 or www.bea.gov/newsreleases/international/trade/tradnewsrelease.htm