**Part B: NOT Seasonally Adjusted**

## Exhibit 16a. U.S. Trade in Advanced Technology Products by Technology Group and Selected Countries and Areas

In millions of dollars. Details may not equal totals due to rounding. (-) Represents zero or less than one-half of measurement shown.

| Technology Group | 2015 | | | | | | | | | 2014 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | July | | | June | | | Year-to-Date | | | Year-to-Date | | |
| | Balance | Exports | Imports | Balance | Exports | Imports | Balance | Exports | Imports | Balance | Exports | Imports |
| **Total** | **-7,401** | **27,909** | **35,310** | **-8,803** | **29,777** | **38,580** | **-44,251** | **196,277** | **240,528** | **-41,871** | **189,381** | **231,251** |
| Advanced Materials | -47 | 192 | 238 | -53 | 180 | 233 | -184 | 1,327 | 1,510 | 38 | 1,265 | 1,227 |
| Aerospace (1) | 5,072 | 9,828 | 4,755 | 6,539 | 11,710 | 5,171 | 42,345 | 73,267 | 30,922 | 40,356 | 69,650 | 29,294 |
| Biotechnology | -265 | 1,307 | 1,572 | -43 | 1,376 | 1,419 | 545 | 10,463 | 9,917 | 1,281 | 8,513 | 7,232 |
| Electronics | 596 | 3,760 | 3,165 | 649 | 3,708 | 3,059 | 3,775 | 24,682 | 20,907 | 4,111 | 24,667 | 20,556 |
| Flexible Manufacturing | 522 | 1,561 | 1,038 | 441 | 1,447 | 1,006 | 2,222 | 9,662 | 7,440 | 318 | 8,829 | 8,511 |
| Information and Communications (1) | -10,278 | 7,992 | 18,271 | -12,372 | 7,784 | 20,156 | -73,260 | 54,151 | 127,410 | -69,338 | 53,593 | 122,930 |
| Life Science | -1,375 | 2,522 | 3,897 | -2,279 | 2,578 | 4,857 | -10,368 | 17,607 | 27,976 | -8,203 | 17,965 | 26,168 |
| Nuclear Technology | -37 | 178 | 215 | -278 | 156 | 435 | -538 | 741 | 1,279 | -865 | 597 | 1,462 |
| Opto-Electronics (1) | -1,696 | 385 | 2,081 | -1,716 | 445 | 2,160 | -9,827 | 2,843 | 12,670 | -10,469 | 2,866 | 13,335 |
| Weapons | 106 | 185 | 78 | 309 | 394 | 86 | 1,038 | 1,535 | 497 | 900 | 1,437 | 537 |

| Selected Countries and Areas | 2015 | | | | | | | | | 2014 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | July | | | June | | | Year-to-Date | | | Year-to-Date | | |
| | Balance | Exports | Imports | Balance | Exports | Imports | Balance | Exports | Imports | Balance | Exports | Imports |
| **Total** | **-7,401** | **27,909** | **35,310** | **-8,803** | **29,777** | **38,580** | **-44,251** | **196,277** | **240,528** | **-41,871** | **189,381** | **231,251** |
| North America | 269 | 6,030 | 5,761 | -216 | 5,739 | 5,955 | 2,565 | 38,905 | 36,340 | 4,417 | 38,123 | 33,706 |
| Canada | 1,071 | 2,334 | 1,263 | 839 | 2,325 | 1,486 | 7,576 | 16,595 | 9,019 | 8,523 | 17,289 | 8,766 |
| Mexico | -802 | 3,696 | 4,498 | -1,055 | 3,414 | 4,469 | -5,011 | 22,310 | 27,321 | -4,107 | 20,834 | 24,940 |
| European Union | -1,223 | 5,690 | 6,912 | -2,215 | 5,958 | 8,173 | -2,612 | 45,649 | 48,262 | -1,944 | 44,183 | 46,127 |
| France | -454 | 813 | 1,267 | -349 | 1,014 | 1,363 | -607 | 7,211 | 7,818 | -1,427 | 6,412 | 7,839 |
| Germany | -383 | 1,103 | 1,486 | -421 | 1,177 | 1,597 | -1,699 | 8,475 | 10,174 | -910 | 8,497 | 9,407 |
| Ireland | -1,273 | 252 | 1,525 | -1,313 | 272 | 1,585 | -8,639 | 1,934 | 10,572 | -8,856 | 1,703 | 10,559 |
| Italy | (-) | 307 | 307 | -1 | 276 | 277 | 85 | 2,173 | 2,087 | 123 | 2,329 | 2,207 |
| United Kingdom | 452 | 1,322 | 869 | -633 | 1,201 | 1,835 | 1,611 | 9,012 | 7,401 | 3,600 | 8,947 | 5,347 |
| Other | 435 | 1,893 | 1,458 | 503 | 2,018 | 1,516 | 6,636 | 16,845 | 10,209 | 5,527 | 16,296 | 10,768 |
| Pacific Rim Countries | -8,297 | 10,627 | 18,924 | -9,184 | 11,439 | 20,623 | -64,195 | 68,434 | 132,630 | -66,669 | 62,567 | 129,236 |
| Australia | 832 | 947 | 115 | 346 | 473 | 127 | 2,959 | 3,681 | 722 | 2,091 | 2,811 | 720 |
| China | -8,677 | 3,188 | 11,865 | -9,549 | 3,529 | 13,079 | -63,219 | 19,414 | 82,633 | -63,937 | 16,684 | 80,621 |
| Indonesia | -48 | 25 | 73 | 158 | 229 | 71 | 445 | 929 | 484 | 691 | 1,175 | 484 |
| Japan | -302 | 1,439 | 1,741 | -372 | 1,577 | 1,948 | -3,020 | 10,074 | 13,094 | -3,851 | 9,737 | 13,587 |
| Malaysia | -1,194 | 664 | 1,858 | -997 | 751 | 1,748 | -8,007 | 4,311 | 12,318 | -5,543 | 4,103 | 9,646 |
| Philippines | -2 | 263 | 265 | 58 | 330 | 272 | -155 | 1,882 | 2,037 | -269 | 1,785 | 2,055 |
| Newly Industrialized Countries | 904 | 3,885 | 2,981 | 1,120 | 4,479 | 3,359 | 6,163 | 27,370 | 21,207 | 2,941 | 24,958 | 22,017 |
| Hong Kong | 867 | 940 | 73 | 737 | 814 | 77 | 6,399 | 6,759 | 360 | 6,019 | 6,261 | 242 |
| Korea, South | -9 | 1,101 | 1,111 | -420 | 1,135 | 1,554 | -1,290 | 7,447 | 8,737 | -2,766 | 6,877 | 9,643 |
| Singapore | 213 | 860 | 647 | 426 | 990 | 563 | 2,485 | 6,369 | 3,884 | 2,543 | 5,794 | 3,251 |
| Taiwan | -166 | 984 | 1,151 | 377 | 1,541 | 1,164 | -1,431 | 6,795 | 8,226 | -2,856 | 6,025 | 8,881 |
| Other | 191 | 216 | 25 | 52 | 71 | 19 | 639 | 773 | 134 | 1,208 | 1,313 | 106 |
| South/Central America | 1,452 | 1,962 | 509 | 1,849 | 2,366 | 517 | 12,437 | 15,499 | 3,063 | 9,842 | 15,931 | 6,089 |
| Brazil | 323 | 639 | 317 | 511 | 861 | 350 | 3,522 | 5,222 | 1,700 | 4,964 | 6,113 | 1,149 |
| Other | 1,130 | 1,323 | 193 | 1,338 | 1,505 | 167 | 8,915 | 10,277 | 1,362 | 4,878 | 9,819 | 4,941 |
| Other Countries | 397 | 3,600 | 3,203 | 963 | 4,276 | 3,312 | 7,555 | 27,789 | 20,234 | 12,483 | 28,576 | 16,093 |
| India | 38 | 221 | 183 | 343 | 511 | 168 | 806 | 2,020 | 1,214 | 1,346 | 2,428 | 1,082 |
| Israel | -107 | 309 | 416 | -90 | 313 | 403 | -308 | 2,152 | 2,460 | -43 | 1,985 | 2,028 |
| Thailand | -551 | 308 | 859 | -572 | 455 | 1,028 | -4,010 | 2,504 | 6,513 | -3,308 | 2,377 | 5,685 |
| Other | 1,017 | 2,763 | 1,745 | 1,282 | 2,996 | 1,714 | 11,067 | 21,113 | 10,047 | 14,488 | 21,786 | 7,298 |

(1) Export statistics for certain commodity classifications related to the aircraft industry are subject to suppression and have been aggregated in a manner that prevents the disclosure of confidential information. As a result, Advanced Technology Product exports are overstated by $413 million in July 2015. For additional information, see www.census.gov/foreign-trade/statistics/notices/aircraft/.

NOTE: Data are 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.