

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	2012									2011		
	July			June			Year-to-Date			Year-to-Date		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
Total	-8,139	24,816	32,955	-7,175	26,522	33,697	-50,459	173,480	223,940	-52,854	162,121	214,975
Advanced Materials	-9	174	182	11	197	186	-25	1,222	1,248	50	1,308	1,258
Aerospace (1)	4,931	8,319	3,387	5,015	8,532	3,517	35,881	57,796	21,914	29,443	48,583	19,140
Biotechnology	138	1,054	917	299	1,236	937	-926	5,802	6,728	-1,224	5,197	6,422
Electronics	599	3,454	2,855	622	3,538	2,916	4,321	24,073	19,752	5,499	25,248	19,750
Flexible Manufacturing	229	1,342	1,113	288	1,384	1,096	450	8,654	8,205	442	8,722	8,280
Information and Communications (1)	-10,816	7,284	18,099	-11,007	7,905	18,911	-69,273	52,346	121,618	-68,609	49,969	118,578
Life Science	-1,384	2,543	3,927	-1,051	2,725	3,776	-9,250	17,921	27,170	-9,097	16,582	25,678
Nuclear Technology	-163	176	339	-82	263	345	-1,129	1,049	2,178	-743	1,171	1,913
Opto-Electronics (1)	-1,699	347	2,046	-1,408	517	1,924	-11,514	3,041	14,555	-9,705	3,744	13,449
Weapons	35	124	89	137	225	88	1,005	1,576	571	1,090	1,597	507

Selected Countries and Areas	2012									2011		
	July			June			Year-to-Date			Year-to-Date		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
Total	-8,139	24,816	32,955	-7,175	26,522	33,697	-50,459	173,480	223,940	-52,854	162,121	214,975
North America	-44	4,939	4,983	-162	5,265	5,427	-509	35,648	36,157	1,170	35,097	33,927
Canada	1,167	2,175	1,008	1,165	2,427	1,262	8,727	16,508	7,781	9,645	17,313	7,668
Mexico	-1,211	2,764	3,975	-1,327	2,838	4,165	-9,236	19,140	28,376	-8,475	17,784	26,259
European Union	-1,056	5,347	6,402	-583	5,866	6,449	-4,431	39,393	43,824	-4,205	38,366	42,571
France	-358	749	1,106	-252	897	1,149	-606	6,483	7,088	-191	6,208	6,400
Germany	-16	1,088	1,104	57	1,079	1,022	101	7,385	7,285	1,104	7,690	6,586
Ireland	-1,478	97	1,575	-1,665	149	1,815	-10,669	1,399	12,067	-10,447	1,491	11,938
Italy	-85	325	410	-41	276	316	-296	2,025	2,321	-118	1,789	1,907
United Kingdom	61	1,046	985	181	1,058	877	1,993	8,427	6,434	2,079	7,794	5,714
Other EU	821	2,043	1,222	1,137	2,408	1,270	5,046	13,674	8,628	3,368	13,394	10,025
Pacific Rim Countries	-10,008	8,658	18,666	-9,361	9,340	18,700	-65,645	58,889	124,534	-68,184	54,221	122,405
Australia	433	539	105	424	522	98	2,497	3,133	635	2,133	2,769	636
China	-9,495	2,238	11,733	-9,816	1,941	11,757	-63,880	12,234	76,114	-58,680	11,468	70,148
Indonesia	38	110	71	49	128	79	500	1,056	556	-67	694	760
Japan	-663	1,373	2,036	-205	1,733	1,939	-3,482	11,156	14,638	-5,654	8,621	14,275
Malaysia	-643	636	1,279	-567	618	1,184	-4,343	4,015	8,359	-3,264	4,907	8,170
Philippines	-39	274	313	76	403	327	-176	1,972	2,148	153	1,997	1,844
Newly Industrialized Countries (NICs)	322	3,436	3,114	598	3,899	3,301	2,728	24,717	21,988	-3,610	22,859	26,470
Hong Kong	819	866	46	759	814	55	5,593	5,974	381	4,838	5,236	398
Korea	2	1,090	1,088	324	1,376	1,053	131	8,189	8,059	-4,040	6,275	10,314
Singapore	70	736	666	117	780	664	339	5,360	5,021	1,280	5,901	4,621
Taiwan	-569	745	1,314	-601	929	1,529	-3,334	5,193	8,527	-5,689	5,448	11,136
Other Pacific Rim	38	52	14	81	96	15	510	607	96	804	906	103
South/Central America	1,853	2,638	784	1,516	2,458	943	11,032	17,068	6,036	10,830	15,481	4,651
Brazil	981	1,039	58	808	970	162	6,203	6,779	576	6,088	6,569	480
Other S/C America	872	1,599	727	708	1,488	780	4,829	10,290	5,461	4,742	8,912	4,170
Other Countries	1,115	3,235	2,120	1,414	3,592	2,178	9,093	22,482	13,389	7,535	18,956	11,421
India	96	244	149	55	187	131	577	1,507	930	673	1,506	833
Israel	-10	294	305	52	326	274	368	2,059	1,691	-28	1,563	1,592
Thailand	-510	235	745	-689	245	933	-3,788	1,517	5,305	-2,926	1,818	4,744
Other	1,540	2,461	921	1,996	2,835	839	11,936	17,399	5,463	9,817	14,069	4,252

(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 \$462 million in July 2012. 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