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		
	September			August			Year-to-Date			Year-to-Date		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
Total	**-7,156**	**25,756**	**32,912**	**-6,725**	**25,542**	**32,267**	**-64,340**	**224,778**	**289,119**	**-70,507**	**210,166**	**280,673**
Advanced Materials	-12	176	188	-5	192	198	-43	1,591	1,634	9	1,693	1,683
Aerospace (1)	5,532	9,091	3,559	6,023	8,901	2,878	47,436	75,788	28,351	39,342	64,031	24,689
Biotechnology	-43	709	752	-237	777	1,014	-1,206	7,288	8,495	-1,779	6,607	8,386
Electronics	579	3,423	2,844	776	3,648	2,872	5,675	31,143	25,468	7,037	32,684	25,647
Flexible Manufacturing	26	1,080	1,054	73	1,231	1,158	549	10,965	10,416	285	10,890	10,605
Information and Communications (1)	-10,913	7,476	18,389	-10,443	7,386	17,829	-90,629	67,207	157,836	-89,134	65,113	154,247
Life Science	-630	2,748	3,378	-1,208	2,602	3,810	-11,088	23,270	34,358	-12,565	21,272	33,837
Nuclear Technology	-169	214	383	-91	271	362	-1,389	1,535	2,924	-1,434	1,386	2,820
Opto-Electronics (1)	-1,799	500	2,299	-1,656	410	2,066	-14,968	3,951	18,919	-13,368	4,699	18,067
Weapons	274	340	66	42	123	81	1,322	2,040	718	1,100	1,792	692

Selected Countries and Areas	2012									2011		
	September			August			Year-to-Date			Year-to-Date		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
Total	**-7,156**	**25,756**	**32,912**	**-6,725**	**25,542**	**32,267**	**-64,340**	**224,778**	**289,119**	**-70,507**	**210,166**	**280,673**
North America	-446	4,984	5,430	-238	5,147	5,385	-1,192	45,779	46,972	1,101	45,720	44,619
Canada	887	2,345	1,459	1,241	2,252	1,011	10,855	21,106	10,251	12,359	22,304	9,944
Mexico	-1,333	2,639	3,972	-1,479	2,895	4,373	-12,047	24,673	36,721	-11,258	23,417	34,674
European Union	-139	5,497	5,635	-1,012	5,196	6,208	-5,582	50,086	55,667	-6,096	49,001	55,097
France	181	915	734	93	850	757	-332	8,248	8,580	-57	7,947	8,004
Germany	-169	1,168	1,337	20	1,152	1,132	-48	9,705	9,753	972	9,870	8,898
Ireland	-927	256	1,182	-1,412	134	1,546	-13,007	1,789	14,796	-13,550	1,887	15,437
Italy	-50	207	257	-57	252	310	-404	2,484	2,888	-304	2,168	2,472
United Kingdom	131	1,039	908	-245	918	1,163	1,878	10,384	8,506	2,383	9,942	7,560
Other EU	696	1,912	1,216	589	1,889	1,300	6,331	17,475	11,144	4,461	17,186	12,725
Pacific Rim Countries	-10,387	8,541	18,929	-9,048	8,942	17,989	-85,080	76,372	161,452	-89,131	70,296	159,427
Australia	297	385	88	368	485	117	3,162	4,003	841	2,630	3,521	891
China	-9,740	2,120	11,861	-8,924	2,123	11,047	-82,545	16,477	99,022	-76,798	15,029	91,828
Indonesia	18	128	110	30	124	93	549	1,308	760	-73	923	996
Japan	-399	1,689	2,088	-128	2,009	2,138	-4,010	14,854	18,863	-7,482	11,317	18,799
Malaysia	-754	533	1,287	-569	658	1,227	-5,666	5,207	10,873	-4,296	6,215	10,511
Philippines	-73	233	306	13	306	293	-236	2,511	2,747	186	2,543	2,356
Newly Industrialized Countries (NICS)	210	3,384	3,174	122	3,179	3,056	3,061	31,279	28,218	-4,305	29,608	33,913
Hong Kong	819	872	53	896	944	48	7,308	7,790	482	6,563	7,038	476
Korea	-170	1,077	1,247	-204	810	1,014	-243	10,076	10,319	-4,858	8,174	13,032
Singapore	128	748	620	76	768	691	543	6,875	6,332	1,516	7,657	6,141
Taiwan	-568	686	1,254	-646	658	1,304	-4,548	6,537	11,085	-7,526	6,738	14,264
Other Pacific Rim	54	69	15	40	58	17	605	734	129	1,007	1,140	133
South/Central America	2,259	3,111	852	2,056	2,868	812	15,346	23,047	7,700	14,106	20,363	6,257
Brazil	1,057	1,144	87	1,166	1,217	51	8,425	9,139	714	8,055	8,693	638
Other S/C America	1,202	1,967	765	890	1,651	761	6,921	13,908	6,986	6,051	11,670	5,619
Other Countries	1,558	3,623	2,066	1,516	3,389	1,873	12,167	29,494	17,327	9,513	24,786	15,273
India	304	420	116	123	251	129	1,004	2,178	1,175	854	1,965	1,111
Israel	-11	258	269	52	340	288	410	2,657	2,247	-47	2,035	2,082
Thailand	-593	273	866	-335	486	821	-4,716	2,275	6,991	-3,889	2,339	6,228
Other	1,858	2,673	815	1,676	2,312	636	15,470	22,384	6,914	12,594	18,447	5,852

(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 $383 million in September 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.