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		
	October			September			Year-to-Date			Year-to-Date		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
Total	**-10,064**	**26,055**	**36,119**	**-7,156**	**25,756**	**32,912**	**-74,404**	**250,834**	**325,238**	**-80,959**	**235,856**	**316,815**
Advanced Materials	3	178	175	-12	176	188	-40	1,768	1,808	-12	1,861	1,873
Aerospace (1)	5,430	9,074	3,644	5,532	9,091	3,559	52,866	84,861	31,995	44,163	72,273	28,110
Biotechnology	-4	1,048	1,053	-43	709	752	-1,211	8,336	9,547	-2,042	7,390	9,431
Electronics	708	3,659	2,951	579	3,423	2,844	6,384	34,803	28,419	7,839	36,322	28,483
Flexible Manufacturing	-306	974	1,280	26	1,080	1,054	243	11,939	11,696	211	12,014	11,803
Information and Communications (1)	-12,333	7,943	20,276	-10,913	7,476	18,389	-102,961	75,150	178,112	-100,979	73,305	174,285
Life Science	-704	2,608	3,312	-630	2,748	3,378	-11,791	25,879	37,670	-13,904	23,814	37,718
Nuclear Technology	-411	75	485	-169	214	383	-1,799	1,609	3,409	-1,744	1,591	3,335
Opto-Electronics (1)	-2,478	361	2,839	-1,799	500	2,299	-17,447	4,312	21,758	-15,809	5,194	21,003
Weapons	31	136	105	274	340	66	1,353	2,176	823	1,317	2,091	775

Selected Countries and Areas	2012									2011		
	October			September			Year-to-Date			Year-to-Date		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
Total	**-10,064**	**26,055**	**36,119**	**-7,156**	**25,756**	**32,912**	**-74,404**	**250,834**	**325,238**	**-80,959**	**235,856**	**316,815**
North America	-278	5,568	5,846	-446	4,984	5,430	-1,470	51,347	52,817	1,117	51,518	50,401
Canada	1,344	2,489	1,145	887	2,345	1,459	12,199	23,595	11,396	13,975	25,152	11,178
Mexico	-1,621	3,079	4,700	-1,333	2,639	3,972	-13,669	27,752	41,421	-12,858	26,365	39,223
European Union	-1,141	5,132	6,273	-139	5,497	5,635	-6,723	55,217	61,940	-6,881	54,950	61,831
France	-73	917	990	181	915	734	-404	9,166	9,570	-302	8,875	9,178
Germany	-190	1,117	1,306	-169	1,168	1,337	-238	10,822	11,060	827	10,983	10,156
Ireland	-1,284	119	1,403	-927	256	1,182	-14,291	1,908	16,199	-15,337	1,988	17,325
Italy	-193	176	369	-50	207	257	-597	2,660	3,257	-415	2,368	2,783
United Kingdom	184	1,059	875	131	1,039	908	2,063	11,443	9,380	2,722	11,108	8,386
Other EU	414	1,744	1,330	696	1,912	1,216	6,745	19,219	12,474	5,625	19,628	14,003
Pacific Rim Countries	-12,840	8,346	21,186	-10,387	8,541	18,929	-97,920	84,718	182,638	-101,905	78,446	180,350
Australia	428	521	93	297	385	88	3,590	4,523	933	3,033	4,015	982
China	-11,951	1,810	13,761	-9,740	2,120	11,861	-94,496	18,287	112,782	-88,233	16,487	104,720
Indonesia	53	170	117	18	128	110	602	1,478	876	-15	1,120	1,135
Japan	-692	1,511	2,203	-399	1,689	2,088	-4,702	16,365	21,066	-8,258	13,000	21,258
Malaysia	-721	640	1,361	-754	533	1,287	-6,387	5,847	12,234	-4,907	6,814	11,721
Philippines	-13	279	292	-73	233	306	-249	2,790	3,040	219	2,830	2,611
Newly Industrialized Countries (NICS)	0	3,344	3,345	210	3,384	3,174	3,060	34,623	31,563	-4,820	32,956	37,776
Hong Kong	817	886	70	819	872	53	8,125	8,677	552	7,396	7,919	523
Korea	-126	1,091	1,217	-170	1,077	1,247	-369	11,167	11,536	-5,412	9,143	14,555
Singapore	73	727	654	128	748	620	616	7,602	6,986	1,779	8,559	6,780
Taiwan	-764	640	1,404	-568	686	1,254	-5,312	7,177	12,489	-8,583	7,335	15,918
Other Pacific Rim	56	71	15	54	69	15	661	804	144	1,075	1,223	148
South/Central America	2,264	3,127	863	2,259	3,111	852	17,611	26,174	8,563	15,981	23,038	7,056
Brazil	1,213	1,353	140	1,057	1,144	87	9,638	10,492	854	9,036	9,744	708
Other S/C America	1,052	1,775	723	1,202	1,967	765	7,973	15,682	7,710	6,946	13,294	6,348
Other Countries	1,931	3,883	1,952	1,558	3,623	2,066	14,098	33,377	19,279	10,728	27,905	17,177
India	278	392	114	304	420	116	1,282	2,571	1,289	961	2,202	1,241
Israel	89	316	227	-11	258	269	499	2,973	2,474	-29	2,255	2,284
Thailand	-460	409	869	-593	273	866	-5,176	2,684	7,861	-4,441	2,537	6,978
Other	2,025	2,766	741	1,858	2,673	815	17,494	25,150	7,655	14,237	20,910	6,673

(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 $569 million in October 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