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		
	December			November			Annual			Annual		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
Total	**-5,356**	**27,584**	**32,941**	**-11,758**	**26,047**	**37,806**	**-91,519**	**304,465**	**395,984**	**-99,611**	**286,823**	**386,434**
Advanced Materials	53	207	153	10	169	159	23	2,144	2,121	-62	2,170	2,232
Aerospace (1)	7,191	10,734	3,543	5,688	9,282	3,594	65,745	104,877	39,132	54,139	89,002	34,863
Biotechnology	-313	611	924	-140	701	841	-1,663	9,648	11,312	-2,778	8,940	11,718
Electronics	372	3,101	2,729	534	3,325	2,791	7,289	41,228	33,939	9,245	43,285	34,040
Flexible Manufacturing	-113	1,142	1,256	-121	849	969	9	13,930	13,921	-180	14,213	14,393
Information and Communications (1)	-10,918	8,019	18,937	-14,197	8,225	22,422	-128,077	91,394	219,470	-122,650	89,460	212,111
Life Science	-139	2,855	2,994	-862	2,888	3,749	-12,792	31,621	44,414	-16,634	29,198	45,832
Nuclear Technology	-149	180	328	-466	67	534	-2,415	1,856	4,271	-2,206	1,995	4,201
Opto-Electronics (1)	-1,478	499	1,976	-2,261	390	2,650	-21,185	5,200	26,385	-20,090	6,018	26,108
Weapons	138	238	100	57	153	96	1,548	2,567	1,019	1,606	2,542	937

Selected Countries and Areas	2012									2011		
	December			November			Annual			Annual		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
Total	**-5,356**	**27,584**	**32,941**	**-11,758**	**26,047**	**37,806**	**-91,519**	**304,465**	**395,984**	**-99,611**	**286,823**	**386,434**
North America	240	5,318	5,077	-281	5,416	5,697	-1,511	62,081	63,592	1,230	62,575	61,345
Canada	1,215	2,568	1,352	1,354	2,571	1,216	14,768	28,733	13,965	17,086	30,650	13,564
Mexico	-975	2,750	3,725	-1,636	2,845	4,481	-16,280	33,347	49,627	-15,856	31,925	47,782
European Union	-75	5,639	5,714	-657	5,718	6,375	-7,454	66,574	74,028	-8,576	66,924	75,500
France	44	940	896	122	1,127	1,005	-238	11,233	11,471	-769	10,433	11,202
Germany	-270	1,036	1,306	-209	1,056	1,266	-717	12,914	13,631	661	13,349	12,688
Ireland	-694	382	1,076	-1,475	125	1,600	-16,460	2,415	18,875	-19,223	2,479	21,701
Italy	-118	193	311	-39	314	353	-755	3,167	3,922	-552	2,810	3,362
United Kingdom	310	987	677	306	1,111	804	2,679	13,540	10,861	3,864	13,966	10,102
Other EU	653	2,101	1,448	638	1,985	1,346	8,036	23,304	15,268	7,443	23,889	16,446
Pacific Rim Countries	-10,750	8,653	19,402	-14,606	8,067	22,673	-123,276	101,437	224,713	-124,420	95,595	220,015
Australia	224	319	96	403	498	95	4,217	5,341	1,124	3,898	5,085	1,187
China	-10,303	2,261	12,564	-14,251	1,609	15,860	-119,049	22,157	141,207	-109,353	20,139	129,493
Indonesia	77	146	68	32	120	88	712	1,744	1,032	143	1,474	1,331
Japan	-419	1,696	2,115	-476	1,394	1,870	-5,597	19,454	25,051	-9,906	15,711	25,617
Malaysia	-520	627	1,147	-545	614	1,158	-7,452	7,088	14,539	-6,063	8,040	14,104
Philippines	3	243	240	150	408	258	-96	3,442	3,538	237	3,353	3,116
Newly Industrialized Countries (NICS)	132	3,287	3,155	27	3,355	3,328	3,219	41,265	38,046	-4,695	40,292	44,987
Hong Kong	771	865	94	634	696	63	9,530	10,238	708	9,344	9,965	621
Korea	-273	866	1,139	-429	846	1,275	-1,071	12,879	13,950	-6,237	11,307	17,544
Singapore	22	728	706	649	1,205	556	1,287	9,535	8,248	2,093	10,211	8,118
Taiwan	-388	828	1,217	-826	607	1,434	-6,526	8,613	15,139	-9,895	8,809	18,704
Other Pacific Rim	56	73	17	53	69	15	770	946	176	1,318	1,499	181
South/Central America	2,182	2,940	758	1,811	2,734	923	21,603	31,847	10,244	18,973	27,740	8,767
Brazil	853	934	80	1,018	1,114	96	11,509	12,540	1,030	10,581	11,637	1,056
Other S/C America	1,328	2,006	678	793	1,620	827	10,094	19,308	9,214	8,392	16,103	7,712
Other Countries	3,046	5,035	1,989	1,975	4,114	2,138	19,119	42,526	23,407	13,182	33,989	20,807
India	345	463	118	107	222	115	1,734	3,255	1,521	1,260	2,804	1,544
Israel	-2	266	268	-40	243	283	456	3,482	3,026	-16	2,782	2,798
Thailand	-547	254	801	-564	239	803	-6,287	3,177	9,464	-5,070	2,867	7,936
Other	3,250	4,052	802	2,472	3,410	938	23,216	32,611	9,395	17,008	25,537	8,529

(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 $697 million in December 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