

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		
	August			July			Year-to-Date			Year-to-Date		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
Total	-6,725	25,542	32,267	-8,139	24,816	32,955	-57,185	199,022	256,207	-62,045	185,944	247,989
Advanced Materials	-5	192	198	-9	174	182	-31	1,415	1,445	33	1,513	1,479
Aerospace (1)	6,023	8,901	2,878	4,931	8,319	3,387	41,904	66,696	24,792	34,592	56,341	21,749
Biotechnology	-237	777	1,014	138	1,054	917	-1,163	6,579	7,743	-1,714	5,894	7,608
Electronics	776	3,648	2,872	599	3,454	2,855	5,096	27,721	22,624	6,312	28,960	22,648
Flexible Manufacturing	73	1,231	1,158	229	1,342	1,113	523	9,885	9,362	273	9,830	9,557
Information and Communications (1)	-10,443	7,386	17,829	-10,816	7,284	18,099	-79,715	59,732	139,447	-79,245	57,363	136,608
Life Science	-1,208	2,602	3,810	-1,384	2,543	3,927	-10,457	20,523	30,980	-11,087	18,807	29,894
Nuclear Technology	-91	271	362	-163	176	339	-1,220	1,320	2,541	-894	1,312	2,206
Opto-Electronics (1)	-1,656	410	2,066	-1,699	347	2,046	-13,169	3,452	16,621	-11,388	4,236	15,624
Weapons	42	123	81	35	124	89	1,048	1,700	652	1,072	1,688	616

Selected Countries and Areas	2012									2011		
	August			July			Year-to-Date			Year-to-Date		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
Total	-6,725	25,542	32,267	-8,139	24,816	32,955	-57,185	199,022	256,207	-62,045	185,944	247,989
North America	-238	5,147	5,385	-44	4,939	4,983	-746	40,795	41,541	1,338	40,553	39,215
Canada	1,241	2,252	1,011	1,167	2,175	1,008	9,968	18,760	8,792	11,196	19,908	8,712
Mexico	-1,479	2,895	4,373	-1,211	2,764	3,975	-10,715	22,035	32,749	-9,858	20,645	30,503
European Union	-1,012	5,196	6,208	-1,056	5,347	6,402	-5,443	44,589	50,032	-5,635	43,386	49,021
France	93	850	757	-358	749	1,106	-512	7,333	7,846	-59	7,085	7,144
Germany	20	1,152	1,132	-16	1,088	1,104	121	8,537	8,417	1,116	8,803	7,687
Ireland	-1,412	134	1,546	-1,478	97	1,575	-12,080	1,533	13,614	-12,256	1,632	13,888
Italy	-57	252	310	-85	325	410	-354	2,277	2,631	-271	1,953	2,224
United Kingdom	-245	918	1,163	61	1,046	985	1,748	9,345	7,597	2,091	8,806	6,715
Other EU	589	1,889	1,300	821	2,043	1,222	5,635	15,563	9,928	3,744	15,107	11,363
Pacific Rim Countries	-9,048	8,942	17,989	-10,008	8,658	18,666	-74,693	67,831	142,524	-78,816	62,267	141,083
Australia	368	485	117	433	539	105	2,865	3,618	753	2,330	3,098	768
China	-8,924	2,123	11,047	-9,495	2,238	11,733	-72,804	14,357	87,161	-67,734	13,399	81,133
Indonesia	30	124	93	38	110	71	531	1,180	649	-117	764	880
Japan	-128	2,009	2,138	-663	1,373	2,036	-3,610	13,165	16,775	-6,759	9,858	16,617
Malaysia	-569	658	1,227	-643	636	1,279	-4,912	4,673	9,586	-3,842	5,542	9,384
Philippines	13	306	293	-39	274	313	-163	2,278	2,441	150	2,257	2,107
Newly Industrialized Countries (NICs)	122	3,179	3,056	322	3,436	3,114	2,851	27,895	25,045	-3,732	26,347	30,079
Hong Kong	896	944	48	819	866	46	6,489	6,918	429	5,806	6,242	436
Korea	-204	810	1,014	2	1,090	1,088	-73	8,999	9,072	-4,224	7,269	11,493
Singapore	76	768	691	70	736	666	415	6,127	5,712	1,289	6,721	5,432
Taiwan	-646	658	1,304	-569	745	1,314	-3,980	5,851	9,831	-6,603	6,115	12,718
Other Pacific Rim	40	58	17	38	52	14	551	665	114	888	1,003	115
South/Central America	2,056	2,868	812	1,853	2,638	784	13,088	19,936	6,848	12,477	17,885	5,408
Brazil	1,166	1,217	51	981	1,039	58	7,369	7,995	627	7,054	7,602	548
Other S/C America	890	1,651	761	872	1,599	727	5,719	11,941	6,221	5,423	10,283	4,860
Other Countries	1,516	3,389	1,873	1,115	3,235	2,120	10,609	25,871	15,262	8,590	21,852	13,262
India	123	251	129	96	244	149	700	1,759	1,059	718	1,689	971
Israel	52	340	288	-10	294	305	420	2,399	1,978	-41	1,794	1,835
Thailand	-335	486	821	-510	235	745	-4,123	2,003	6,126	-3,388	2,111	5,498
Other	1,676	2,312	636	1,540	2,461	921	13,612	19,711	6,099	11,301	16,259	4,958

(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 \$591 million in August 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