

## 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	2009									2008		
	December			November			Annual			Annual		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
<b>Total</b>	<b>-4,930</b>	<b>24,013</b>	<b>28,943</b>	<b>-8,299</b>	<b>21,018</b>	<b>29,317</b>	<b>-55,952</b>	<b>244,728</b>	<b>300,681</b>	<b>-61,050</b>	<b>270,131</b>	<b>331,181</b>
Advanced Materials	16	168	152	9	149	140	214	1,719	1,505	-362	1,893	2,255
Aerospace (1)	5,665	8,362	2,697	4,105	6,438	2,332	54,316	83,963	29,646	49,671	84,671	35,000
Biotechnology	233	901	668	543	1,230	687	6,645	12,281	5,635	3,794	9,435	5,641
Electronics	1,593	3,456	1,862	1,583	3,382	1,799	16,366	37,266	20,900	25,290	50,910	25,621
Flexible Manufacturing	429	1,078	650	228	816	589	1,670	8,359	6,689	1,447	11,544	10,098
Information and Communications (1)	-10,205	6,814	17,018	-11,806	5,909	17,715	-103,185	66,678	169,863	-104,433	77,343	181,776
Life Science	-1,032	2,447	3,479	-695	2,262	2,957	-12,816	25,267	38,083	-14,765	25,180	39,944
Nuclear Technology	-134	130	264	-221	287	508	-1,809	2,397	4,206	-2,420	2,041	4,461
Opto-Electronics (1)	-1,636	434	2,070	-2,161	362	2,523	-18,799	4,492	23,291	-20,565	5,001	25,566
Weapons	141	223	82	117	183	66	1,443	2,306	863	1,293	2,113	820

Selected Countries and Areas	2009									2008		
	December			November			Annual			Annual		
	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
<b>Total</b>	<b>-4,930</b>	<b>24,013</b>	<b>28,943</b>	<b>-8,299</b>	<b>21,018</b>	<b>29,317</b>	<b>-55,952</b>	<b>244,728</b>	<b>300,681</b>	<b>-61,050</b>	<b>270,131</b>	<b>331,181</b>
North America	-743	4,333	5,076	-1,225	4,084	5,309	-9,524	44,461	53,985	-8,536	48,415	56,951
Canada	951	2,327	1,376	987	2,181	1,195	9,569	23,832	14,263	12,205	28,830	16,625
Mexico	-1,694	2,007	3,700	-2,211	1,903	4,114	-19,093	20,629	39,722	-20,741	19,585	40,326
European Union	735	6,189	5,454	830	5,948	5,118	9,891	70,102	60,211	6,478	75,240	68,762
France	111	938	828	114	985	872	1,370	11,547	10,177	-1,209	10,864	12,073
Germany	596	1,667	1,071	453	1,372	919	6,467	16,868	10,401	5,629	17,212	11,584
Ireland	-523	152	675	-452	450	902	-10,935	3,516	14,451	-14,442	3,162	17,605
Italy	-36	210	245	-22	215	237	-63	2,568	2,631	77	2,939	2,862
United Kingdom	150	1,016	866	245	1,030	785	3,709	12,982	9,273	3,397	14,155	10,758
Other EU	438	2,206	1,768	493	1,896	1,403	9,343	22,623	13,279	13,027	26,908	13,881
Pacific Rim Countries	-7,792	8,358	16,151	-10,206	6,560	16,765	-86,063	77,897	163,960	-90,775	92,205	182,981
China	-7,063	2,128	9,191	-8,300	1,370	9,671	-72,493	17,205	89,699	-74,029	17,363	91,392
Japan	-592	1,297	1,889	-752	1,101	1,853	-5,658	14,212	19,869	-9,238	17,475	26,713
Australia	260	350	90	365	424	59	3,525	4,330	805	3,587	4,404	817
Indonesia	257	354	97	-53	86	139	-151	1,209	1,360	-563	780	1,343
Malaysia	-941	533	1,474	-802	601	1,404	-8,695	6,206	14,900	-12,107	7,992	20,099
Philippines	-13	233	246	95	332	237	69	2,701	2,632	1,156	4,461	3,305
Newly Industrialized Countries (NICs)	263	3,413	3,150	-827	2,562	3,389	-3,141	31,392	34,533	-183	38,953	39,136
Hong Kong	872	944	72	493	550	57	7,481	8,086	605	6,599	7,365	767
Korea	-322	815	1,138	-674	604	1,278	-7,133	8,101	15,234	-6,235	10,157	16,392
Singapore	215	885	670	150	715	564	1,617	8,180	6,564	3,373	11,567	8,194
Taiwan	-501	769	1,270	-797	693	1,490	-5,106	7,025	12,131	-3,920	9,864	13,784
Other Pacific Rim	38	52	14	69	83	14	480	642	162	601	777	176
South/Central America	1,836	2,409	573	1,563	2,156	593	18,726	23,522	4,796	20,412	24,882	4,470
Brazil	767	873	106	755	804	49	8,780	9,700	920	8,275	10,846	2,570
Other S/C America	1,068	1,536	468	808	1,352	544	9,946	13,822	3,876	12,137	14,037	1,899
Other Countries	1,034	2,723	1,689	739	2,271	1,532	11,018	28,747	17,729	11,323	29,329	18,006
India	186	301	115	91	202	112	3,024	4,024	1,000	2,599	3,660	1,062
Israel	-176	174	350	-114	183	296	-2,192	2,411	4,603	205	3,371	3,167
Thailand	-461	225	685	-474	211	685	-4,433	2,291	6,723	-5,190	2,864	8,055
Other	1,485	2,024	539	1,236	1,675	438	14,618	20,021	5,403	13,710	19,433	5,723

(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 \$507 million in December 2009. For additional information see [www.census.gov/ft900](http://www.census.gov/ft900).

## NOTES:

\* Data not available on a Balance of Payments 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](http://www.census.gov/ft900) or [www.bea.gov/newsreleases/international/trade/tradnewsrelease.htm](http://www.bea.gov/newsreleases/international/trade/tradnewsrelease.htm)