

APPENDIX TABLE 6-26

Exports and imports of high-technology products, by region, country, or economy: 2001–16

(Millions of current dollars)

Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Exports																
World	930,574	968,797	1,113,846	1,367,710	1,545,145	1,758,209	1,833,815	1,919,440	1,718,914	2,089,174	2,248,045	2,308,649	2,404,474	2,480,049	2,465,549	2,555,146
North America	179,954	165,741	167,626	185,081	230,904	271,769	283,541	279,944	259,297	278,653	288,757	307,861	315,239	326,348	328,705	330,720
Canada	6,142	5,570	5,938	7,464	9,133	11,972	12,289	12,769	12,380	13,146	12,612	12,187	12,301	13,154	12,431	12,348
Mexico	4,931	5,245	4,843	6,426	8,310	10,298	10,317	12,590	10,797	13,470	15,099	15,396	15,556	15,460	14,491	15,041
United States	168,881	154,927	156,845	171,190	213,461	249,499	260,935	254,586	236,120	252,038	261,045	280,279	287,381	297,734	301,783	303,331
Central and South America	10,423	10,882	13,199	16,846	18,834	20,470	23,463	25,891	26,492	33,033	37,328	41,825	40,803	34,614	24,687	26,777
Brazil	5,930	5,198	5,118	7,434	8,244	8,772	9,456	10,438	8,525	9,186	9,006	9,245	8,835	8,207	7,810	8,311
Central America	3,092	4,356	6,649	7,866	8,677	9,476	11,505	12,057	14,679	20,451	24,078	28,786	27,844	23,173	13,718	15,093
All others	1,401	1,328	1,431	1,546	1,913	2,222	2,501	3,396	3,288	3,397	4,245	3,793	4,124	3,234	3,159	3,374
Europe																
EU	177,906	185,552	214,771	258,630	287,494	314,208	335,573	363,672	325,325	361,316	405,562	410,753	429,753	437,887	419,888	423,851
France	35,264	33,981	38,255	45,273	47,040	55,725	59,297	69,086	62,209	70,169	73,914	75,532	77,893	76,793	70,894	68,835
Germany	41,143	42,540	50,767	64,440	68,002	78,562	83,278	88,326	78,870	87,630	102,266	109,703	118,974	123,009	117,400	113,754
United Kingdom	33,097	30,074	33,788	37,386	47,554	44,858	45,422	48,458	44,694	47,347	49,271	50,860	52,736	52,603	51,641	49,091
All others	68,403	78,958	91,960	111,531	124,898	135,062	147,576	157,801	139,552	156,170	180,111	174,658	180,150	185,482	179,954	192,171



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Other Europe	35,046	39,234	44,686	54,628	56,857	65,917	79,384	93,886	87,524	95,785	117,157	122,201	126,672	131,068	123,426	138,467
Russia	3,333	4,674	4,672	4,711	2,223	2,992	3,404	4,744	3,847	4,061	6,267	6,674	7,446	6,854	6,259	6,375
Switzerland	25,935	28,340	33,066	40,627	44,702	51,428	62,301	74,097	69,436	76,685	94,350	96,470	100,619	105,606	99,868	114,288
Turkey	1,771	2,253	2,661	3,941	4,425	4,834	4,531	4,387	3,993	4,395	4,678	5,379	5,530	6,138	6,172	6,400
All others	4,006	3,967	4,287	5,349	5,506	6,664	9,148	10,659	10,247	10,644	11,862	13,677	13,077	12,470	11,127	11,404
Middle East	13,662	12,869	13,758	17,186	20,967	20,290	25,410	30,048	24,353	30,425	33,303	33,341	36,031	31,598	35,255	36,783
Israel	10,627	9,330	9,439	11,229	11,611	13,812	15,004	17,059	18,307	20,524	22,097	22,668	23,511	20,976	23,909	23,886
All others	3,034	3,540	4,319	5,957	9,356	6,479	10,407	12,989	6,046	9,901	11,206	10,673	12,519	10,622	11,346	12,897
Africa	2,210	2,314	3,000	3,869	4,586	5,441	6,013	7,037	5,855	5,718	6,968	7,154	6,963	8,635	9,096	9,436
Asia																
China	89,681	115,961	160,147	231,703	286,336	347,398	365,769	404,399	364,343	488,957	539,717	545,411	564,207	600,611	597,158	615,068
India	2,836	3,067	3,825	4,646	5,416	6,907	9,972	12,915	15,041	17,423	22,621	23,085	25,850	26,672	28,380	31,244
Indonesia	8,435	8,696	8,444	9,407	10,236	9,504	9,842	10,558	9,863	11,300	11,106	10,627	9,801	9,456	9,714	9,737
Japan	122,293	119,445	136,214	159,671	157,312	160,751	152,258	154,025	124,371	153,195	156,145	151,038	133,773	129,155	118,788	122,416
Malaysia	56,040	57,153	62,192	70,414	76,041	83,327	80,570	71,692	71,661	83,798	85,010	80,322	81,048	86,502	83,501	85,309
Philippines	26,401	28,217	30,475	32,902	33,801	33,184	33,721	30,664	22,927	32,488	27,469	28,708	28,810	32,676	33,308	36,869
Singapore	53,767	54,569	61,466	73,449	82,606	97,599	91,665	96,239	77,918	108,957	117,398	117,735	120,976	121,840	119,106	124,036
South Korea	53,140	60,573	73,226	95,970	104,517	116,431	118,300	116,197	106,482	133,715	132,520	131,774	143,318	148,355	143,608	140,347
Taiwan	65,974	74,207	84,441	110,058	120,470	146,908	152,958	150,710	130,266	168,265	177,603	192,195	224,675	233,905	251,086	274,503



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Thailand	21,022	22,328	26,646	33,360	37,687	44,148	47,858	52,639	48,239	58,760	57,223	56,499	54,982	57,964	58,789	60,594
Vietnam	514	592	935	1,063	1,522	2,201	2,983	4,251	4,645	7,814	13,787	29,501	42,089	42,729	57,224	63,436
All others	638	564	631	789	855	1,105	1,062	1,237	946	4,883	1,281	1,224	1,385	1,936	2,032	2,241
Australia	4,080	4,099	4,302	5,067	5,917	6,666	7,658	8,203	7,780	8,536	9,833	9,978	9,208	9,047	8,320	9,992
All others	6,554	2,732	3,863	2,971	2,786	3,986	5,816	5,231	5,586	6,152	7,260	7,416	8,894	9,051	13,477	13,323
Imports																
World	930,574	968,797	1,113,846	1,367,710	1,545,145	1,758,209	1,833,815	1,919,440	1,718,914	2,089,174	2,248,045	2,308,649	2,404,474	2,480,049	2,465,549	2,555,146
North America	232,362	239,485	256,843	308,507	331,837	371,204	355,383	367,057	331,844	390,999	417,955	424,678	431,078	450,813	461,572	463,667
Canada	19,235	17,393	18,620	22,561	26,049	30,163	32,199	34,147	31,261	35,011	38,720	38,080	38,790	37,485	36,015	37,689
Mexico	11,655	14,603	16,211	22,878	26,246	33,799	34,428	41,959	37,168	50,007	52,671	54,733	59,230	59,738	60,304	61,371
United States	201,472	207,490	222,011	263,068	279,542	307,242	288,755	290,950	263,415	305,981	326,564	331,864	333,059	353,590	365,253	364,607
Central and South America	33,895	29,809	29,782	38,758	51,322	66,777	71,223	89,968	80,548	97,647	112,536	114,958	116,576	112,322	103,497	97,551
Brazil	13,966	11,553	10,551	14,589	18,956	24,692	24,936	36,575	30,495	38,864	42,665	44,540	45,708	44,042	36,984	34,138
Central America	7,066	7,983	8,203	8,918	10,203	13,153	13,426	15,054	15,301	16,055	19,852	17,312	16,612	15,940	15,284	15,794
All others	12,863	10,273	11,028	15,251	22,162	28,933	32,862	38,340	34,752	42,728	50,019	53,107	54,256	52,340	51,229	47,619
Europe																
EU	199,190	191,702	228,708	288,818	322,853	364,914	388,620	407,817	356,179	416,916	435,272	416,881	417,745	426,565	417,682	435,927
France	26,170	25,695	28,505	36,670	40,557	44,190	48,136	51,382	48,073	51,972	55,847	57,062	57,987	56,274	57,865	60,261
Germany	48,143	47,222	55,006	69,811	77,228	92,375	94,551	98,040	87,533	105,547	110,759	102,023	99,875	107,018	103,438	107,915



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
United Kingdom	40,637	33,937	35,820	42,404	47,161	50,421	51,000	51,320	43,411	54,071	57,417	52,320	50,531	53,001	54,933	56,846
All others	84,241	84,848	109,377	139,933	157,908	177,928	194,933	207,076	177,162	205,325	211,248	205,476	209,351	210,272	201,446	210,905
Other Europe	42,078	45,627	56,001	72,399	85,152	99,654	112,952	126,643	104,854	124,139	146,541	150,468	159,731	153,530	134,845	142,764
Russia	7,091	7,817	11,120	15,109	19,242	24,388	29,508	36,140	25,358	34,272	40,857	47,320	47,242	42,444	31,511	31,644
Switzerland	17,567	18,790	23,085	26,479	31,134	33,263	35,980	38,083	34,719	37,634	43,406	43,763	47,191	48,137	44,491	46,741
Turkey	6,282	7,429	8,593	12,644	14,942	17,956	18,824	20,474	17,332	22,191	25,325	22,818	25,177	26,716	28,437	30,241
All others	11,138	11,591	13,203	18,166	19,834	24,047	28,639	31,946	27,445	30,043	36,952	36,567	40,121	36,233	30,406	34,137
Middle East	27,794	28,917	35,137	40,937	55,354	58,823	63,605	68,808	66,775	75,621	85,284	93,812	105,900	112,455	117,764	123,228
Israel	6,372	5,481	5,540	7,373	8,313	8,847	9,358	9,740	8,117	8,769	10,023	10,578	10,478	11,199	11,685	12,633
All others	21,421	23,436	29,597	33,563	47,041	49,976	54,247	59,068	58,659	66,852	75,261	83,235	95,422	101,256	106,079	110,596
Africa	18,379	18,247	21,851	27,114	32,674	36,855	40,266	50,504	43,696	47,960	50,602	49,527	52,670	59,255	56,929	58,239
Asia																
China	88,170	108,505	142,364	183,099	220,665	263,788	295,760	301,249	281,742	367,213	393,214	421,722	456,899	482,269	500,632	522,171
India	6,457	7,615	9,923	13,044	16,029	24,169	29,768	30,272	30,846	34,628	38,602	37,498	39,995	40,302	40,457	41,084
Indonesia	3,539	3,858	4,197	5,003	5,013	5,451	7,598	13,553	13,163	17,402	18,391	20,439	21,537	19,482	19,552	18,412
Japan	70,699	69,402	78,055	91,644	98,950	105,943	103,261	106,002	94,146	118,320	127,856	140,112	138,742	139,251	130,279	132,597
Malaysia	30,182	33,056	35,807	39,968	42,341	49,230	50,519	44,710	39,311	54,638	52,135	52,978	54,770	55,726	51,355	54,529
Philippines	17,142	17,329	19,317	21,080	20,726	23,945	23,598	22,287	16,623	21,714	18,793	21,882	22,892	23,388	22,900	26,923
Singapore	50,143	50,400	54,883	69,188	78,471	90,623	86,196	86,215	72,518	93,299	94,565	97,776	103,377	103,248	97,143	98,579



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
South Korea	34,496	37,468	43,661	51,642	56,962	63,333	64,436	65,634	57,051	71,300	77,308	77,984	81,318	89,419	93,136	102,396
Taiwan	35,326	38,306	41,885	50,677	54,169	57,403	54,419	49,991	44,645	59,681	63,240	63,576	66,002	72,445	72,305	80,908
Thailand	16,963	17,326	19,046	22,111	25,619	28,635	29,722	29,420	26,651	33,759	36,851	40,925	41,678	40,118	40,315	41,804
Vietnam	1,579	1,856	2,912	4,017	3,683	4,219	6,146	6,959	8,597	10,494	14,755	21,829	29,245	33,324	40,621	44,731
All others	3,077	3,430	4,161	6,052	6,836	8,445	8,126	8,599	7,734	9,682	11,922	12,261	15,787	17,944	18,519	21,362
Australia	12,909	16,026	18,116	21,866	24,092	26,033	27,353	31,139	29,735	34,191	39,836	38,449	36,348	36,097	34,282	35,034
All others	6,193	10,433	11,196	11,788	12,399	8,764	14,864	12,613	12,254	9,570	12,388	10,893	12,183	12,097	11,765	13,240

EU = European Union.

Note(s)

Data are not available for EU member Luxembourg. China includes Hong Kong. Detail may not add to total because of rounding. See Appendix Table 6-38 for a full list of countries and economies in each region.

Source(s)

IHS Global Insight, special tabulations (2017) of the World Trade Service database.

Science and Engineering Indicators 2018