



APPENDIX TABLE 6-27

Exports and imports of medium-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	1,068,601	1,129,867	1,323,009	1,638,530	1,857,751	2,126,679	2,548,862	2,956,739	2,248,123	2,895,891	3,479,217	3,527,733	3,561,743	3,590,029	3,404,237	3,390,522
North America	144,407	139,176	145,793	172,424	201,888	234,004	283,341	321,766	243,664	305,647	357,549	366,408	360,497	363,295	339,257	317,309
Canada	6,506	6,781	8,328	10,349	12,638	14,246	19,149	20,277	14,993	16,803	19,923	20,135	19,061	17,865	16,977	16,252
Mexico	7,943	8,092	6,498	7,641	9,275	12,511	16,866	20,919	15,600	21,823	29,370	32,192	31,723	30,481	28,511	28,546
United States	129,957	124,303	130,968	154,434	179,975	207,246	247,326	280,570	213,071	267,021	308,256	314,081	309,713	314,949	293,769	272,512
Central and South America	29,075	28,076	33,399	44,254	56,767	65,401	75,010	90,979	66,774	83,689	99,665	99,699	96,012	85,787	76,531	75,582
Brazil	13,828	14,161	18,375	24,873	31,902	37,077	41,221	46,538	31,836	40,838	48,371	47,302	45,503	38,509	34,797	35,270
Central America	3,600	3,468	4,411	5,509	7,013	7,809	10,003	13,445	10,518	12,580	14,300	14,138	13,763	13,981	13,075	11,928
All others	11,647	10,447	10,612	13,872	17,852	20,515	23,786	30,995	24,421	30,271	36,994	38,259	36,746	33,297	28,659	28,384
Europe																
EU	327,474	349,474	415,257	500,114	543,082	614,164	738,232	840,765	634,120	762,888	922,651	927,193	960,539	960,372	851,859	830,738
France	35,128	36,941	43,270	51,570	53,827	58,874	67,829	76,594	59,762	67,858	77,878	76,120	75,319	74,578	64,038	62,256
Germany	119,297	130,205	154,023	185,904	202,070	232,406	270,554	311,899	229,197	289,674	355,197	355,777	364,721	365,206	321,225	308,001
United Kingdom	34,822	37,032	42,741	49,885	53,395	57,725	64,221	69,165	52,206	63,690	76,126	82,390	82,420	85,638	83,386	78,700
All others	138,227	145,295	175,223	212,755	233,790	265,158	335,628	383,107	292,954	341,666	413,449	412,906	438,079	434,951	383,209	381,781



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Other Europe	68,694	72,446	88,271	113,409	125,861	145,077	183,271	224,037	162,309	187,957	234,355	228,729	230,482	227,085	208,768	215,208
Russia	13,891	13,610	16,651	21,929	24,345	27,163	34,290	46,611	28,190	34,536	46,777	47,230	45,612	41,620	37,890	36,550
Switzerland	33,016	34,431	39,758	47,093	49,563	54,378	62,665	69,403	54,800	61,354	73,184	64,507	66,382	69,630	62,916	71,164
Turkey	7,900	9,838	13,946	19,946	23,702	30,063	39,833	46,545	35,366	41,935	51,094	51,184	56,791	59,186	57,347	57,287
All others	13,886	14,567	17,916	24,441	28,250	33,473	46,482	61,477	43,953	50,132	63,300	65,807	61,697	56,648	50,616	50,208
Middle East	22,647	24,765	26,346	35,476	45,853	47,171	64,939	93,383	66,502	99,291	130,368	122,552	128,732	121,534	129,288	132,866
Israel	6,214	6,447	7,256	8,438	9,160	9,700	11,371	16,435	12,516	14,404	17,312	16,846	16,712	16,700	16,024	15,723
All others	16,433	18,318	19,091	27,038	36,693	37,472	53,568	76,948	53,987	84,887	113,056	105,705	112,020	104,834	113,264	117,143
Africa	14,337	15,530	18,493	22,334	25,253	30,440	36,108	52,659	38,016	47,759	58,093	57,988	59,832	57,252	59,886	61,417
Asia																
China	73,624	86,654	110,174	149,938	191,095	243,176	313,489	387,103	316,598	422,026	526,828	557,829	590,638	642,526	661,674	688,888
India	8,535	9,934	12,770	16,602	21,442	26,852	32,889	41,483	35,337	46,169	60,275	62,782	66,036	68,874	66,570	67,118
Indonesia	8,538	9,242	10,984	13,667	16,023	20,119	24,517	27,915	20,923	31,089	41,955	38,891	37,785	37,455	38,382	38,771
Japan	214,707	225,948	257,610	309,725	332,147	361,963	402,947	437,911	304,120	423,376	463,232	461,712	415,285	399,880	363,794	364,120
Malaysia	11,619	12,618	15,150	19,414	22,027	25,787	29,918	34,729	27,490	37,002	44,987	44,564	45,135	45,662	42,837	40,767
Philippines	3,686	4,243	4,902	6,050	6,925	7,796	8,361	9,017	7,252	10,388	11,548	13,492	13,725	13,298	13,262	13,817
Singapore	19,186	21,428	26,856	33,813	37,705	42,767	49,830	53,993	45,865	61,057	72,117	74,699	70,910	77,220	70,851	67,597
South Korea	49,011	53,211	67,052	90,905	106,192	122,089	140,863	154,437	128,942	173,771	216,506	229,295	238,367	240,179	223,070	207,998
Taiwan	38,744	41,530	46,450	55,946	61,665	65,468	73,711	78,731	61,624	84,086	94,913	92,500	93,329	94,382	100,645	102,721



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Thailand	17,709	19,438	24,370	31,786	38,984	46,777	56,624	67,196	55,160	78,834	94,429	96,898	100,965	99,627	101,490	105,115
Vietnam	1,402	1,650	2,139	2,923	3,516	4,650	5,718	7,506	6,891	10,527	14,165	17,429	19,317	21,259	22,771	25,298
All others	1,341	1,345	1,660	1,949	2,618	2,827	3,401	4,151	3,636	4,858	5,675	5,903	5,675	5,800	5,645	5,850
Australia	7,404	7,373	8,506	9,996	11,049	11,157	13,557	14,723	11,037	12,904	14,720	15,688	14,247	13,270	12,176	13,904
All others	6,462	5,786	6,824	7,805	7,658	8,996	12,137	14,257	11,863	12,573	15,185	13,481	14,236	15,268	15,480	15,437
Imports																
World	1,068,601	1,129,867	1,323,009	1,638,530	1,857,751	2,126,679	2,548,862	2,956,739	2,248,123	2,895,891	3,479,217	3,527,733	3,561,743	3,590,029	3,404,237	3,390,522
North America	269,434	283,071	308,985	354,677	397,478	441,615	466,108	488,951	355,530	448,515	529,774	581,933	588,285	619,852	631,980	620,458
Canada	20,462	22,141	25,658	29,592	34,880	40,648	44,300	47,751	37,472	46,013	52,909	57,791	57,252	56,990	54,555	56,706
Mexico	16,638	18,209	19,612	24,100	28,975	33,463	38,288	43,006	32,063	43,780	51,186	56,780	59,549	64,972	67,769	66,705
United States	232,334	242,721	263,716	300,986	333,623	367,503	383,521	398,194	285,995	358,722	425,679	467,363	471,484	497,890	509,655	497,046
Central and South America	76,028	65,113	67,804	89,275	110,988	135,599	173,988	227,124	167,165	228,392	284,168	296,354	296,693	272,440	238,952	217,916
Brazil	24,058	20,379	20,661	26,656	31,095	36,959	50,560	74,252	56,811	80,492	101,297	100,686	106,884	98,272	76,394	64,964
Central America	15,380	15,045	15,324	17,844	21,544	26,449	31,004	35,857	25,689	32,078	37,696	41,746	39,694	39,769	40,436	41,418
All others	36,590	29,689	31,819	44,775	58,349	72,191	92,424	117,015	84,664	115,822	145,175	153,922	150,115	134,399	122,122	111,534
Europe																
EU	180,974	184,563	226,746	276,232	308,568	351,774	432,264	470,904	338,979	414,239	503,036	469,099	474,179	498,240	473,806	486,751
France	21,645	22,099	27,075	32,915	36,225	39,249	48,156	50,943	41,931	47,750	55,469	53,024	54,441	54,377	50,226	51,677
Germany	42,996	43,220	52,998	63,616	71,818	84,095	100,933	111,837	82,618	98,204	123,161	116,495	117,352	124,083	119,647	125,425



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
United Kingdom	29,860	30,419	35,160	41,992	45,296	48,793	57,672	54,329	38,686	54,727	65,111	57,442	55,409	60,272	58,686	60,626
All others	86,474	88,825	111,513	137,709	155,229	179,637	225,504	253,796	175,744	213,559	259,296	242,138	246,976	259,509	245,248	249,023
Other Europe	84,953	95,629	121,864	164,636	191,216	237,362	314,594	383,948	239,337	303,942	403,295	412,240	424,330	385,428	321,783	326,051
Russia	17,984	20,557	27,027	37,622	48,782	68,897	102,534	136,306	63,244	91,977	134,604	144,784	141,619	121,354	81,171	79,849
Switzerland	27,647	28,084	31,727	37,007	39,505	42,407	49,678	54,726	45,626	52,816	62,985	60,936	62,874	65,323	57,995	56,473
Turkey	12,953	17,274	25,675	38,045	43,200	50,328	60,105	65,690	49,138	66,922	85,153	79,344	87,956	83,919	81,534	84,005
All others	26,369	29,713	37,435	51,962	59,729	75,729	102,276	127,226	81,329	92,227	120,554	127,176	131,880	114,833	101,082	105,724
Middle East	58,283	63,192	72,379	90,801	109,921	121,334	168,096	207,136	157,544	185,254	207,866	217,244	223,391	240,401	239,183	240,996
Israel	7,991	7,451	7,859	9,602	10,532	11,945	15,190	17,714	12,389	16,181	20,478	19,211	19,568	19,413	19,280	21,192
All others	50,292	55,742	64,520	81,198	99,389	109,390	152,906	189,422	145,155	169,073	187,388	198,033	203,822	220,988	219,903	219,804
Africa	45,906	49,446	58,974	74,399	85,720	103,334	130,637	167,817	150,492	165,707	180,435	193,815	206,845	209,433	201,280	197,291
Asia																
China	89,408	108,610	140,611	178,438	193,595	224,156	263,136	291,348	272,420	388,814	465,635	433,003	448,513	462,474	424,539	414,503
India	11,521	12,379	15,998	22,264	30,423	38,580	52,331	76,095	64,115	83,645	102,229	96,178	88,001	89,902	84,819	82,367
Indonesia	12,778	12,872	13,986	19,052	21,134	20,106	24,722	40,543	31,613	46,531	58,731	66,887	62,410	58,934	55,870	54,542
Japan	56,943	58,077	67,218	79,820	88,644	98,657	108,553	123,319	91,925	118,565	144,705	143,657	136,301	139,942	129,368	127,233
Malaysia	16,028	16,239	17,523	22,274	25,176	28,499	32,052	36,956	30,657	42,149	47,650	52,641	52,616	51,876	47,817	48,631
Philippines	8,780	8,567	9,400	10,434	11,077	12,111	13,594	15,733	13,486	18,461	20,426	22,444	21,867	23,495	25,398	29,578
Singapore	23,184	23,994	26,167	33,357	36,630	42,674	47,897	54,530	44,214	55,580	65,343	65,521	63,689	63,618	59,000	58,844



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
South Korea	31,061	35,353	42,614	54,130	62,090	72,170	83,763	94,036	78,097	104,875	119,675	115,525	119,022	118,628	112,814	115,710
Taiwan	28,877	30,376	35,537	49,457	50,681	53,638	59,120	59,088	46,053	73,082	78,743	70,565	70,707	70,367	67,326	71,416
Thailand	17,392	18,578	22,533	28,674	32,170	34,399	39,223	47,121	36,213	52,652	62,699	76,137	69,290	63,987	62,557	63,497
Vietnam	6,166	7,343	9,099	10,621	11,843	14,164	20,833	25,845	25,318	31,289	38,208	38,352	45,400	52,767	62,008	65,512
All others	10,503	11,331	13,889	17,508	21,304	23,477	27,575	33,120	30,438	40,356	51,942	51,568	53,117	57,266	60,128	64,531
Australia	23,860	26,357	32,420	39,948	44,883	48,718	58,005	68,086	53,904	67,555	79,652	92,832	83,412	79,981	74,689	72,687
All others	16,521	18,776	19,262	22,534	24,210	24,313	32,370	45,041	20,624	26,286	35,005	31,737	33,675	30,999	30,921	32,009

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