

APPENDIX TABLE 6-41

Exports and imports of machinery, equipment, and appliances, 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	307,580	312,737	365,837	464,977	526,974	611,626	751,348	876,685	668,400	822,193	988,652	988,201	989,131	1,012,354	990,289	999,283
North America	51,196	46,575	45,492	56,858	67,484	77,534	93,468	103,606	81,483	97,757	109,571	113,317	110,937	112,286	107,169	102,860
Canada	2,187	2,266	2,980	3,669	4,458	5,200	6,524	7,625	6,608	6,315	7,073	7,787	7,096	6,907	7,390	7,398
Mexico	1,604	1,529	842	1,174	1,494	1,948	2,216	2,840	2,552	3,431	4,128	4,485	4,741	4,661	5,580	5,747
United States	47,404	42,780	41,669	52,015	61,532	70,385	84,729	93,141	72,323	88,011	98,369	101,045	99,099	100,719	94,199	89,715
Central and South America	4,815	4,589	5,759	8,393	10,236	11,515	13,837	16,982	11,951	14,138	17,538	17,594	16,195	15,668	16,376	16,236
Brazil	3,069	3,020	4,096	6,233	7,351	8,194	9,513	11,112	6,950	8,691	10,976	10,933	9,654	8,996	9,725	9,710
Central America	432	495	533	764	1,116	1,176	1,611	2,218	1,818	2,273	2,894	2,902	3,047	3,378	3,445	3,408
All others	1,313	1,074	1,130	1,396	1,770	2,146	2,713	3,652	3,183	3,174	3,668	3,759	3,494	3,294	3,207	3,118
Europe																
EU	105,664	110,696	131,869	163,650	180,566	210,093	259,918	302,008	230,455	258,977	315,340	309,229	319,609	317,282	288,446	286,276
France	10,350	10,953	12,247	14,612	16,004	18,224	21,053	24,386	19,149	20,015	23,087	23,789	23,082	23,110	22,565	22,345
Germany	37,653	39,726	47,116	60,134	66,303	78,952	91,777	108,954	84,178	95,152	118,337	112,481	114,118	112,111	100,979	99,007
United Kingdom	11,040	10,757	12,601	14,993	16,143	17,487	19,725	21,131	15,983	18,084	21,533	23,146	22,962	23,203	21,506	21,018
All others	46,621	49,260	59,906	73,911	82,116	95,430	127,362	147,538	111,145	125,726	152,383	149,813	159,446	158,857	143,396	143,906

Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Other Europe	21,052	21,210	24,759	30,078	31,691	35,966	44,963	53,484	40,292	42,763	51,292	47,323	47,901	47,236	46,521	49,151
Russia	2,994	2,726	3,311	3,891	3,989	4,548	5,529	7,055	4,899	4,782	6,140	6,401	6,492	5,581	5,826	5,850
Switzerland	13,878	13,632	15,699	18,625	18,895	21,249	24,917	27,565	19,409	22,618	28,424	22,981	23,356	24,538	24,355	26,483
Turkey	4,180	4,851	5,749	7,562	8,806	10,170	14,516	18,864	15,984	15,364	16,728	17,941	18,052	17,117	16,339	16,818
All others	5,387	5,836	7,303	9,352	12,071	13,872	20,121	24,731	16,758	21,606	26,964	24,712	26,508	27,091	27,714	28,787
Middle East	1,460	1,392	1,415	1,818	1,989	2,276	2,594	2,996	2,273	2,470	2,735	2,922	3,008	3,196	3,253	3,173
Israel	1,970	2,466	3,458	4,546	5,443	7,069	9,708	11,576	9,027	10,592	13,245	14,005	15,092	15,615	15,290	15,793
All others	1,957	1,978	2,429	2,988	4,638	4,527	7,819	10,159	5,458	8,543	10,984	7,786	8,408	8,280	9,171	9,821
Africa	3,425	3,434	4,110	5,064	5,840	7,391	9,721	11,410	9,223	11,102	13,878	12,554	12,955	12,874	13,599	14,305
Asia																
China	15,557	19,070	25,872	38,028	50,195	67,923	92,390	119,469	98,131	126,194	155,744	169,548	179,524	194,519	210,134	217,697
India	1,537	1,748	2,260	3,047	4,150	5,510	7,167	9,021	7,267	9,040	11,742	12,432	13,472	14,313	14,648	15,334
Indonesia	1,494	1,506	1,654	2,088	2,644	3,351	4,443	4,597	3,771	4,516	4,927	5,233	5,434	6,030	6,625	6,714
Japan	58,505	56,781	68,712	87,946	93,320	98,970	110,629	123,170	80,744	121,152	143,541	133,693	113,005	114,092	105,053	105,113
Malaysia	2,597	2,656	3,040	3,879	4,458	5,486	6,288	7,583	6,170	7,427	8,483	9,128	9,952	10,520	10,849	10,788
Philippines	1,090	1,214	1,317	1,602	1,818	1,979	2,260	2,396	1,913	2,690	2,927	3,469	3,896	4,221	4,549	4,608
Singapore	5,122	5,343	6,040	7,628	9,013	10,488	11,978	14,477	12,494	15,588	19,194	19,257	19,580	21,004	21,032	20,844
South Korea	11,133	11,994	14,997	19,634	23,143	28,156	34,771	40,584	34,544	44,615	54,998	57,322	55,947	57,865	54,614	55,200
Taiwan	11,614	12,386	13,403	15,683	16,541	17,345	18,965	19,730	12,941	19,334	23,114	22,899	22,407	23,388	26,082	26,386



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Thailand	3,711	3,960	4,801	6,468	7,654	8,982	11,473	13,167	11,518	14,839	16,801	16,684	17,450	18,538	19,752	20,476
Vietnam	345	392	500	736	915	1,383	1,700	2,259	1,945	2,836	3,594	4,764	5,443	6,331	7,004	7,718
All others	241	247	268	314	434	529	614	811	667	728	820	774	903	992	1,087	1,122
Australia	1,714	1,782	1,963	2,365	2,781	2,942	3,642	3,992	3,443	3,891	4,612	5,004	4,444	4,144	4,708	5,203
All others	5,309	5,763	7,607	9,702	12,102	13,805	20,527	24,941	17,173	22,134	27,801	25,055	27,070	27,855	28,789	30,080
Imports																
World	307,580	312,737	365,837	464,977	526,974	611,626	751,348	876,685	668,400	822,193	988,652	988,201	989,131	1,012,354	990,289	999,283
North America	63,340	61,268	67,770	82,567	97,198	109,676	118,367	125,452	90,372	110,697	141,932	156,662	157,323	171,824	172,075	170,603
Canada	6,490	6,484	7,916	8,691	10,672	12,492	13,530	14,474	10,829	12,632	17,039	17,865	17,872	18,808	18,801	19,894
Mexico	5,231	5,053	5,348	6,619	7,759	9,065	10,334	12,085	9,128	11,822	13,850	15,779	17,860	18,531	19,348	19,640
United States	51,619	49,731	54,507	67,258	78,767	88,118	94,504	98,893	70,414	86,244	111,043	123,019	121,591	134,485	133,926	131,069
Central and South America	21,722	17,889	17,894	23,345	29,871	36,554	47,181	62,703	47,398	60,164	75,706	79,667	78,254	72,318	68,633	64,195
Brazil	7,013	5,868	5,374	6,570	8,535	10,134	13,526	19,708	15,411	21,534	25,984	26,208	27,343	24,280	20,756	19,055
Central America	4,428	3,990	4,082	4,840	5,584	7,157	8,671	9,946	7,018	8,346	9,476	9,789	10,112	10,099	11,010	11,402
All others	10,282	8,030	8,437	11,935	15,753	19,263	24,984	33,050	24,969	30,284	40,247	43,669	40,799	37,939	36,867	33,739
Europe																
EU	51,676	47,993	56,200	69,319	79,357	90,099	114,024	125,204	86,317	102,382	125,039	117,779	119,867	130,102	127,521	134,374
France	6,212	5,874	6,671	8,264	8,807	9,603	12,018	12,732	9,722	11,040	13,402	12,869	13,419	13,905	13,813	14,534
Germany	13,232	11,760	13,532	16,629	19,060	22,483	27,649	30,405	21,728	26,527	33,785	31,248	31,162	33,108	32,168	34,047



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
United Kingdom	8,520	7,740	8,156	9,608	11,908	12,721	14,888	14,905	10,070	12,980	15,425	15,001	14,832	16,447	16,307	17,410
All others	23,711	22,620	27,841	34,817	39,583	45,293	59,469	67,162	44,797	51,835	62,427	58,661	60,454	66,643	65,233	68,383
Other Europe	23,010	24,830	30,612	40,479	47,836	61,052	81,074	103,609	65,913	72,070	96,500	98,155	100,960	94,148	79,094	79,883
Russia	6,672	7,715	9,821	13,827	17,500	23,438	33,471	44,257	24,582	30,199	43,570	44,498	44,874	40,465	29,154	29,033
Switzerland	6,935	6,988	8,010	9,429	10,082	11,601	13,120	15,232	11,853	12,938	15,389	14,051	14,895	15,175	14,790	14,391
Turkey	9,403	10,127	12,781	17,224	20,254	26,013	34,482	44,120	29,478	28,933	37,541	39,606	41,191	38,507	35,150	36,459
All others	22,544	26,389	30,940	39,034	46,196	56,230	77,250	89,228	68,507	74,119	89,034	89,175	90,117	93,863	95,316	98,818
Middle East	2,124	2,016	1,903	2,311	2,356	2,847	3,845	4,654	2,984	3,575	5,996	5,421	4,537	4,455	4,534	5,047
Israel	4,170	5,677	7,449	9,547	11,254	13,677	16,202	16,685	11,796	15,562	20,955	20,563	22,961	20,950	20,598	21,870
All others	16,250	18,697	21,588	27,176	32,585	39,706	57,202	67,890	53,728	54,982	62,083	63,191	62,618	68,458	70,185	71,901
Africa	15,533	16,491	19,926	25,028	27,737	33,333	43,774	57,145	52,296	54,894	56,871	58,285	64,025	64,212	63,710	64,215
Asia																
China	29,879	36,495	47,307	60,845	59,959	67,435	78,489	90,927	79,400	113,792	134,779	111,667	108,877	113,474	108,028	106,623
India	3,448	3,774	5,102	7,584	10,508	14,728	20,477	26,738	23,298	28,293	34,404	29,869	25,165	24,513	23,807	23,371
Indonesia	3,995	3,869	4,191	5,629	6,748	6,307	7,793	12,797	10,933	15,568	18,729	21,898	20,807	19,646	19,640	20,366
Japan	13,726	13,172	15,668	19,706	22,847	26,229	30,032	33,061	23,735	30,092	35,972	36,567	36,172	38,380	36,682	36,243
Malaysia	5,587	4,907	5,079	6,358	7,183	8,300	9,889	10,784	8,689	11,507	13,220	14,375	14,654	14,756	14,809	14,970
Philippines	2,491	2,222	2,433	2,778	3,020	3,261	3,757	4,290	3,455	4,956	5,366	6,196	6,201	6,526	7,101	7,719
Singapore	8,534	8,623	8,577	11,828	12,667	15,329	18,986	21,989	18,221	20,535	22,721	22,946	22,264	22,399	22,327	23,037



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
South Korea	10,360	11,387	14,224	17,916	19,778	23,403	28,082	31,352	25,956	35,958	38,371	37,217	38,223	38,691	38,584	38,121
Taiwan	10,641	10,210	12,003	18,132	16,796	17,201	21,269	20,332	14,746	26,812	24,566	21,479	22,740	21,682	21,890	21,695
Thailand	5,923	6,159	7,556	9,522	10,960	11,428	12,176	14,243	11,030	15,406	18,565	24,706	21,454	20,700	21,127	20,468
Vietnam	1,974	2,631	3,426	3,291	3,664	4,596	7,264	9,097	8,230	10,007	11,769	11,586	14,355	17,250	20,280	23,016
All others	3,382	3,466	4,314	5,635	6,566	7,468	8,351	9,695	8,706	11,135	14,410	14,940	15,862	16,916	18,553	20,449
Australia	6,321	6,997	8,700	11,342	13,122	14,464	16,911	19,419	16,568	18,063	22,957	28,074	23,881	23,859	23,922	23,878
All others	23,915	28,337	32,954	41,360	48,799	57,916	79,608	93,195	70,151	76,287	90,777	90,713	93,509	96,503	97,974	101,010

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