



APPENDIX TABLE 6-35

Exports and imports of testing, measuring, and control instrument 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	133,044	135,522	157,762	200,868	225,137	259,370	288,206	318,929	277,872	346,383	394,282	411,557	415,394	430,088	417,188	428,242
North America	31,600	28,635	30,312	36,408	44,007	50,250	54,146	56,062	51,562	59,831	64,360	67,027	67,613	68,398	67,132	66,376
Canada	739	613	918	1,241	1,564	1,875	1,901	2,136	1,911	2,066	2,327	2,297	2,434	2,493	2,349	2,339
Mexico	479	478	664	1,067	1,953	2,268	2,437	2,882	2,468	2,816	3,066	3,303	3,488	3,782	4,091	4,482
United States	30,383	27,544	28,730	34,100	40,490	46,108	49,808	51,044	47,183	54,950	58,966	61,426	61,691	62,123	60,692	59,554
Central and South America	1,321	1,361	1,597	1,696	1,950	2,269	2,617	3,013	2,860	3,116	3,567	3,858	4,050	4,488	4,744	5,432
Brazil	318	293	288	351	419	565	606	718	628	694	860	788	761	708	673	684
Central America	821	897	1,132	1,116	1,226	1,361	1,667	1,844	1,837	2,040	2,268	2,636	2,839	3,399	3,696	4,278
All others	183	172	177	229	304	343	344	450	394	382	439	433	450	381	376	470
Europe																
EU	31,931	34,275	40,330	50,613	54,792	62,259	65,330	72,274	62,394	72,190	85,328	88,858	92,582	95,056	86,714	87,529
France	3,692	3,648	4,198	4,920	5,193	6,125	6,967	7,929	6,649	7,581	8,599	8,635	8,847	8,922	7,968	7,899
Germany	11,303	12,222	14,384	17,955	20,023	23,354	26,706	29,220	24,596	29,424	35,570	36,607	37,933	37,943	34,195	34,209
United Kingdom	5,450	5,393	6,002	6,599	7,242	7,613	8,308	8,507	7,869	8,676	10,052	10,599	11,190	11,538	11,104	10,729
All others	11,486	13,011	15,746	21,139	22,333	25,167	23,349	26,618	23,280	26,510	31,106	33,017	34,611	36,654	33,447	34,693



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Other Europe	12,458	13,200	14,836	17,804	19,179	21,425	25,795	30,340	24,753	29,419	39,732	40,073	41,298	42,614	40,086	41,968
Russia	631	501	563	684	674	831	940	1,270	986	1,107	2,408	1,607	1,568	1,375	1,417	1,448
Switzerland	10,755	11,410	12,796	15,216	16,731	18,575	22,170	25,753	20,602	25,173	33,885	34,609	35,563	36,905	34,770	36,669
Turkey	93	106	123	173	211	258	333	402	396	461	568	684	830	966	908	915
All others	979	1,184	1,354	1,730	1,564	1,762	2,352	2,915	2,769	2,679	2,872	3,174	3,337	3,367	2,991	2,936
Middle East	2,633	2,463	2,421	3,312	3,496	3,868	4,472	4,430	3,856	4,680	5,413	4,970	5,361	5,218	5,480	5,678
Israel	2,167	1,916	1,867	2,595	2,647	3,115	3,449	3,433	2,878	3,409	4,054	4,135	4,417	4,281	4,537	4,688
All others	466	547	553	717	849	753	1,023	997	978	1,272	1,359	835	944	937	942	991
Africa	347	371	483	626	615	682	903	1,177	1,147	1,088	1,273	1,467	1,364	1,551	1,646	1,725
Asia																
China	12,936	14,039	16,783	21,270	23,712	28,096	35,145	41,466	35,539	47,783	55,250	59,710	62,254	65,801	68,144	71,644
India	399	482	616	754	856	1,040	1,227	1,349	1,310	1,567	1,996	2,226	2,231	2,455	2,547	2,736
Indonesia	535	549	530	544	642	791	842	890	865	899	983	1,155	1,128	1,271	1,323	1,277
Japan	24,907	24,053	28,889	37,480	36,941	36,820	35,388	37,294	30,759	42,887	50,225	49,956	44,449	44,577	39,495	40,405
Malaysia	1,804	1,873	2,083	2,706	2,968	3,669	4,124	4,535	3,900	5,999	6,679	7,722	7,430	8,084	7,997	7,856
Philippines	907	953	1,198	1,299	1,370	1,359	1,609	1,647	1,459	1,715	1,835	2,109	2,648	2,689	2,808	2,957
Singapore	2,729	3,137	3,360	3,886	4,231	4,662	5,657	6,252	5,745	7,799	9,475	11,028	11,906	12,739	12,437	13,505
South Korea	1,897	1,837	2,730	5,363	9,870	16,010	20,174	24,317	26,522	33,879	34,324	36,076	34,762	34,495	31,297	30,106
Taiwan	3,313	5,064	7,807	12,627	15,381	20,192	23,548	25,992	18,027	24,889	24,070	25,166	25,434	28,243	32,584	35,059



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Thailand	1,577	1,675	2,025	2,469	2,717	3,090	3,682	3,909	3,593	4,602	4,968	4,971	5,479	6,281	6,294	6,631
Vietnam	76	89	107	135	149	241	318	441	493	592	835	989	1,241	1,636	1,891	2,273
All others	182	153	184	215	225	275	340	392	373	424	493	530	593	663	708	779
Australia	1,077	933	974	1,115	1,304	1,546	1,836	2,104	1,904	2,173	2,470	2,288	2,157	2,392	2,353	2,745
All others	416	379	499	549	733	827	1,054	1,045	811	850	1,005	1,379	1,413	1,436	1,508	1,560
Imports																
World	133,044	135,522	157,762	200,868	225,137	259,370	288,206	318,929	277,872	346,383	394,282	411,557	415,394	430,088	417,188	428,242
North America	31,658	31,008	34,304	40,815	43,425	48,537	53,354	57,598	47,487	55,337	62,847	64,777	67,214	71,013	72,251	72,983
Canada	2,357	2,189	2,439	2,896	3,271	3,461	3,783	4,257	3,965	4,588	5,286	5,347	5,414	5,288	5,082	5,424
Mexico	1,197	1,377	1,418	1,815	2,118	4,204	6,882	8,782	6,615	7,241	7,512	7,418	8,065	8,495	8,689	8,680
United States	28,104	27,443	30,448	36,104	38,036	40,872	42,689	44,559	36,907	43,507	50,049	52,012	53,735	57,230	58,481	58,879
Central and South America	1,144	1,184	1,290	1,449	1,865	2,050	2,392	2,425	2,014	2,299	2,550	2,856	2,858	2,894	2,949	3,053
Brazil	2,002	1,607	1,607	2,239	2,983	3,804	4,900	5,743	5,105	6,209	7,680	8,133	8,022	7,621	7,219	6,640
Central America	71,734	73,072	84,714	99,792	111,713	129,393	147,974	163,532	139,536	158,089	183,035	177,046	184,851	192,985	179,381	185,298
All others	64,204	64,813	74,934	87,606	98,018	112,353	126,583	139,080	120,457	135,128	153,642	146,717	153,500	161,661	152,077	157,698
Europe																
EU	31,533	29,698	33,023	38,621	44,497	52,680	59,231	66,237	58,004	66,696	74,416	74,175	75,669	79,035	76,027	79,164
France	4,447	4,256	4,765	5,480	6,114	6,931	7,800	8,170	7,182	8,091	9,149	9,488	9,994	10,075	9,664	10,362
Germany	9,096	8,248	9,218	10,602	11,811	13,928	16,509	17,902	15,337	17,707	21,206	20,992	21,230	22,162	21,449	22,654



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
United Kingdom	5,254	4,769	5,016	5,828	6,840	7,204	7,362	7,765	6,265	6,893	7,554	7,354	7,436	7,902	7,825	7,971
All others	12,736	12,425	14,024	16,711	19,732	24,618	27,559	32,400	29,220	34,005	36,507	36,341	37,008	38,896	37,089	38,178
Other Europe	7,530	8,260	9,780	12,186	13,694	17,040	21,391	24,452	19,079	22,961	29,393	30,329	31,351	31,324	27,304	27,599
Russia	1,473	1,515	1,927	2,335	2,699	3,969	5,652	6,992	4,464	6,169	7,977	9,454	8,867	8,350	6,062	6,002
Switzerland	3,380	3,705	4,058	4,683	5,072	5,763	6,593	7,452	6,415	7,221	8,966	9,258	9,814	10,306	9,784	9,849
Turkey	881	1,019	1,320	1,912	2,459	2,869	3,526	3,543	2,903	3,756	4,669	4,426	5,312	5,660	5,292	5,482
All others	1,796	2,020	2,474	3,256	3,465	4,440	5,620	6,465	5,298	5,815	7,780	7,190	7,358	7,008	6,166	6,267
Middle East	5,055	5,338	6,118	7,111	7,676	8,754	10,431	12,202	11,678	12,737	14,616	15,305	16,398	17,181	16,348	16,625
Israel	1,044	1,048	1,126	1,345	1,524	1,768	1,802	1,823	1,527	1,660	2,055	1,915	2,033	1,975	1,943	2,173
All others	4,011	4,290	4,993	5,766	6,152	6,986	8,629	10,380	10,151	11,077	12,561	13,390	14,365	15,206	14,405	14,453
Africa	2,637	2,805	3,322	4,275	4,680	5,333	6,631	7,629	7,517	7,860	8,353	8,795	9,445	10,380	9,740	9,716
Asia																
China	11,473	14,656	21,481	32,266	38,622	44,544	53,731	61,494	56,395	79,514	89,991	95,030	94,052	97,021	96,159	99,671
India	1,357	1,481	1,689	2,204	2,816	3,417	4,191	5,022	5,133	6,272	7,403	7,775	7,759	7,667	7,775	8,090
Indonesia	510	393	522	649	817	853	1,077	1,636	1,430	2,060	2,719	3,162	3,095	2,881	2,856	2,894
Japan	13,376	13,157	14,877	17,536	20,088	23,137	21,421	22,096	18,154	22,202	24,920	27,350	25,520	25,759	24,388	24,495
Malaysia	2,001	2,028	2,054	2,536	2,470	3,217	3,423	4,260	3,866	5,765	5,884	5,406	5,370	6,242	5,223	5,573
Philippines	1,087	967	1,267	1,711	1,584	1,742	1,913	1,679	1,392	1,796	1,909	2,060	1,894	2,036	2,061	2,357
Singapore	3,872	4,123	4,304	6,216	5,850	6,983	7,119	7,756	6,616	8,483	9,677	9,999	10,230	10,472	10,266	10,607



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
South Korea	5,240	5,768	7,732	10,192	11,776	12,616	11,522	11,402	9,360	14,052	16,234	17,768	16,864	18,077	17,662	18,585
Taiwan	5,655	6,158	6,580	11,092	10,552	11,284	9,380	8,070	7,101	10,414	10,680	10,416	10,496	11,259	10,812	11,698
Thailand	1,381	1,426	1,811	2,348	2,759	3,296	3,625	4,333	4,138	5,584	6,557	7,985	7,469	6,849	6,888	7,234
Vietnam	226	297	378	444	490	658	801	1,178	1,227	1,624	1,923	2,889	3,966	4,565	5,067	5,513
All others	515	607	683	839	1,023	1,125	1,393	1,421	1,515	1,778	2,417	2,743	2,964	2,735	2,816	2,919
Australia	1,975	2,095	2,472	3,006	3,429	3,798	4,215	4,800	4,522	5,259	6,089	6,537	6,180	6,551	6,211	6,266
All others	4,818	4,074	4,075	5,370	7,024	8,308	10,966	13,240	11,242	13,693	15,704	16,201	16,600	16,146	14,385	13,199

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