

APPENDIX TABLE 6-34

Exports and imports of semiconductor 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	216,569	224,498	268,286	326,718	354,910	409,289	436,557	431,314	379,961	519,056	535,697	538,997	589,595	622,597	630,942	682,190
North America	31,585	30,857	35,104	34,566	41,639	47,722	46,344	46,774	34,032	40,814	38,745	36,323	35,539	36,574	35,246	36,125
Canada	343	373	515	638	678	730	757	781	481	466	670	531	447	435	365	383
Mexico	727	607	614	680	726	779	575	791	1,055	831	870	884	940	975	892	965
United States	30,515	29,877	33,976	33,249	40,235	46,213	45,013	45,202	32,496	39,517	37,205	34,907	34,153	35,164	33,989	34,776
Central and South America	1,272	2,142	4,178	5,350	4,020	4,194	4,693	5,029	5,691	10,193	15,837	20,022	19,982	15,460	8,101	8,737
Brazil	230	303	298	283	257	264	184	220	191	255	329	298	332	348	355	383
Central America	1,004	1,831	3,871	5,057	3,750	3,910	4,494	4,785	5,464	9,918	15,479	19,685	19,614	15,069	7,655	8,302
All others	37	8	8	10	13	20	15	25	37	20	29	38	36	43	90	52
Europe																
EU	19,211	17,758	22,171	27,014	26,051	28,339	30,382	31,064	21,074	24,474	25,970	25,003	25,433	25,726	23,155	26,886
France	3,319	3,009	3,298	3,698	4,405	4,615	4,764	4,636	3,357	4,119	4,513	4,054	4,037	3,744	3,507	3,789
Germany	5,721	5,472	7,194	8,543	8,119	8,746	10,043	10,014	7,013	8,418	9,130	9,358	9,736	11,124	9,569	9,791
United Kingdom	2,165	1,796	1,966	2,389	2,927	2,909	2,179	2,007	1,439	1,459	1,561	1,682	1,892	1,666	1,515	1,516
All others	8,006	7,481	9,711	12,385	10,600	12,069	13,397	14,407	9,264	10,478	10,767	9,910	9,767	9,192	8,564	11,791



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Other Europe	1,112	1,098	1,219	1,579	1,811	2,266	2,171	2,601	2,299	2,902	2,892	2,297	2,188	2,159	2,057	2,275
Russia	113	246	129	223	183	190	228	257	218	241	256	252	233	208	224	247
Switzerland	793	683	847	1,088	1,182	1,556	1,345	1,556	1,308	1,648	1,729	1,556	1,492	1,433	1,355	1,562
Turkey	23	29	49	41	49	59	73	65	109	71	81	62	77	159	158	125
All others	183	139	193	226	397	461	525	723	664	942	826	427	386	358	320	341
Middle East	2,102	1,692	1,814	2,120	1,646	1,801	2,073	2,061	4,142	3,674	3,239	3,452	5,196	5,145	5,983	6,006
Israel	2,044	1,641	1,758	2,023	1,430	1,675	1,770	1,824	4,044	3,266	2,852	3,250	4,946	4,892	5,748	5,748
All others	58	51	56	97	216	127	304	237	99	408	388	202	250	253	236	258
Africa	721	766	986	1,261	1,350	1,638	1,758	1,738	1,267	1,356	1,467	1,125	1,031	1,144	1,072	1,213
Asia																
China	11,715	13,890	17,543	25,867	30,396	38,995	44,508	52,311	44,611	70,544	77,927	74,163	79,729	90,562	92,619	105,603
India	215	225	309	536	491	569	660	1,030	940	1,398	1,086	748	815	945	800	850
Indonesia	1,123	1,214	1,433	1,535	2,113	1,704	1,708	1,734	1,430	1,945	2,214	2,036	1,868	1,834	2,024	2,134
Japan	38,266	38,106	43,106	50,128	49,434	52,343	55,924	55,359	45,029	59,201	56,759	52,500	45,789	43,921	40,594	42,583
Malaysia	20,733	22,251	24,816	27,311	26,341	26,460	29,043	21,518	32,213	36,758	41,762	39,199	42,678	48,872	49,254	52,378
Philippines	14,406	15,717	17,918	19,990	20,724	20,954	22,308	19,847	15,442	23,818	18,168	18,322	17,268	18,997	19,480	22,410
Singapore	19,149	19,429	24,954	31,863	36,307	45,630	49,636	49,486	37,189	60,202	63,079	62,532	67,934	72,100	67,883	69,026
South Korea	18,788	19,530	22,800	29,766	34,061	37,125	39,131	36,270	35,753	51,642	51,560	51,972	60,244	65,228	66,269	65,645
Taiwan	27,375	32,783	39,759	56,899	67,199	85,752	90,850	89,689	84,464	108,298	115,970	130,705	163,369	170,669	184,987	204,861



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Thailand	5,611	6,163	8,204	9,794	10,277	12,129	13,907	13,556	13,268	17,142	15,968	12,357	13,299	15,174	16,218	18,088
Vietnam	264	276	333	424	471	409	380	351	389	683	1,697	4,844	5,259	6,247	13,042	14,987
All others	79	35	44	84	58	71	55	75	41	2,768	66	77	79	71	71	109
Australia	133	171	212	262	258	268	312	330	152	191	249	177	173	159	162	193
All others	2,710	396	1,385	371	262	920	712	490	533	1,052	1,040	1,142	1,724	1,610	1,926	2,079
Imports																
World	216,569	224,498	268,286	326,718	354,910	409,289	436,557	431,314	379,961	519,056	535,697	538,997	589,595	622,597	630,942	682,190
North America	38,300	33,467	31,754	37,648	36,358	39,371	36,030	37,352	30,617	43,329	52,976	52,007	54,892	56,043	58,560	64,216
Canada	2,809	1,687	1,788	2,348	2,468	2,851	2,768	3,045	2,552	3,227	3,682	2,704	3,361	2,533	2,235	2,428
Mexico	3,803	4,087	4,006	6,060	6,890	7,035	4,913	6,927	5,869	8,874	9,742	10,129	11,570	12,558	14,703	15,642
United States	31,688	27,693	25,960	29,240	27,000	29,485	28,349	27,380	22,196	31,228	39,552	39,174	39,960	40,952	41,622	46,146
Central and South America	3,074	3,245	3,779	4,847	6,574	8,072	5,309	8,961	7,538	9,552	10,446	10,449	11,278	9,721	7,281	7,065
Brazil	2,039	1,757	2,016	2,975	4,126	4,824	2,210	5,773	4,772	6,474	6,957	6,669	7,297	6,575	4,633	4,295
Central America	656	1,256	1,489	1,417	1,715	2,384	2,200	2,129	1,775	1,860	2,045	2,163	2,292	1,659	1,181	1,334
All others	379	232	274	455	732	864	899	1,059	991	1,217	1,445	1,618	1,689	1,487	1,467	1,437
Europe																
EU	28,304	23,968	32,938	39,163	38,039	39,864	42,797	48,102	37,046	61,739	58,604	41,918	36,609	39,885	36,917	39,583
France	3,311	2,716	3,169	3,737	3,549	3,764	3,699	3,896	3,306	5,976	6,552	5,396	5,069	4,553	4,340	4,658
Germany	8,155	7,614	9,796	12,515	12,660	14,567	16,114	18,378	15,755	25,316	24,646	17,231	15,872	18,107	17,603	18,818



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
United Kingdom	6,173	4,475	4,416	5,438	4,674	3,660	3,458	3,318	2,312	3,173	3,163	2,316	2,214	3,235	2,979	3,166
All others	10,664	9,162	15,557	17,474	17,156	17,873	19,527	22,510	15,673	27,274	24,243	16,975	13,453	13,990	11,994	12,941
Other Europe	2,518	2,830	3,563	5,081	4,672	4,619	4,552	5,103	3,854	4,910	5,727	5,878	6,054	5,748	5,412	5,795
Russia	253	384	648	935	881	737	796	940	672	1,009	1,155	1,258	1,449	1,406	1,275	1,349
Switzerland	1,016	667	844	1,160	1,200	1,414	1,393	1,690	1,336	1,677	1,812	1,763	1,799	1,766	1,683	1,711
Turkey	778	1,350	1,531	2,229	1,744	1,609	1,339	1,344	871	1,003	1,164	1,067	1,108	1,265	1,313	1,469
All others	471	429	540	756	847	858	1,025	1,129	976	1,221	1,595	1,791	1,698	1,311	1,141	1,266
Middle East	1,377	1,092	1,233	2,051	1,999	1,837	1,826	2,113	1,767	2,384	2,948	3,636	3,241	3,670	4,596	4,632
Israel	902	622	641	1,123	1,052	1,085	963	1,090	970	1,318	1,922	2,679	2,150	2,037	2,859	2,596
All others	475	471	592	929	947	752	863	1,023	797	1,065	1,026	957	1,091	1,633	1,737	2,037
Africa	849	793	1,121	1,402	1,495	1,875	2,143	2,365	2,218	2,617	2,728	2,503	3,054	3,245	3,388	3,625
Asia																
China	32,984	44,155	61,226	82,714	101,794	126,132	148,350	144,314	140,163	184,946	193,742	207,303	240,982	258,065	276,389	294,751
India	762	863	1,030	1,461	1,665	2,174	2,755	3,109	3,759	4,603	6,184	5,143	4,660	4,214	4,484	4,647
Indonesia	976	1,003	1,101	1,417	1,094	947	1,150	2,423	2,046	2,711	2,918	3,051	2,690	2,438	2,385	2,396
Japan	15,075	14,344	16,866	20,265	20,914	23,927	23,682	23,416	18,133	23,199	21,619	22,193	25,533	27,360	25,122	26,596
Malaysia	19,533	20,865	23,054	23,569	24,810	29,169	30,084	24,115	20,829	31,738	28,863	28,855	30,747	32,392	30,911	33,447
Philippines	11,322	11,462	12,907	13,752	13,495	15,935	15,722	13,977	9,830	13,402	10,562	11,709	11,861	12,448	12,569	14,883
Singapore	21,241	21,907	24,914	31,998	36,992	44,276	46,114	41,302	35,716	49,612	48,210	49,939	56,615	57,378	50,890	53,610



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
South Korea	15,704	17,487	21,194	24,303	25,480	27,217	30,173	31,579	27,518	31,521	33,043	33,897	36,926	39,000	39,778	45,084
Taiwan	16,178	18,547	21,966	25,421	27,687	30,653	30,941	29,243	26,108	35,301	37,017	37,195	37,875	42,161	41,644	47,405
Thailand	7,090	7,191	7,834	9,874	10,024	11,265	12,505	11,265	10,063	13,472	13,711	13,112	13,315	13,665	14,259	15,210
Vietnam	355	309	292	397	444	605	906	951	1,227	1,613	3,379	7,864	10,840	12,553	13,876	16,419
All others	124	126	167	188	233	251	265	299	266	358	442	377	929	965	1,051	1,260
Australia	662	665	853	1,003	929	885	979	1,019	1,046	1,846	2,348	1,738	1,240	1,362	1,175	1,279
All others	141	178	495	164	209	214	273	306	216	203	229	228	254	284	254	286

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.

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