

Exports, imports, and gross revenue of high-technology manufacturing industries, by selected region/country/economy: 1996–2005

(Millions of 2000 U.S. constant dollars)

Region/country/economy	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Exports										
All regions/countries/economies	821,327	956,377	1,012,983	1,159,068	1,406,431	1,379,630	1,458,624	1,714,619	2,042,787	2,261,359
United States	154,029	183,811	202,033	219,466	249,695	230,431	207,237	215,286	240,454	262,091
EU	112,439	136,583	146,389	161,975	198,702	200,007	188,929	204,872	232,417	257,417
Austria	5,067	5,121	5,503	5,601	6,687	7,618	8,589	9,005	10,192	11,809
Belgium	12,928	14,554	16,594	19,107	21,435	25,423	31,759	35,967	42,083	45,923
Bulgaria	185	233	172	133	153	167	205	263	316	336
Czech Republic	946	1,171	1,746	1,728	2,026	3,575	5,170	6,444	7,427	8,249
Denmark	5,365	6,307	6,715	8,007	8,583	9,268	10,084	9,734	10,480	11,334
Finland	4,396	5,732	7,775	9,149	12,651	11,162	12,060	13,203	13,950	15,067
France	39,060	47,125	53,664	59,010	69,581	68,963	68,350	72,657	79,615	83,726
Germany	56,588	66,490	75,901	85,207	97,409	108,345	107,381	120,709	147,275	156,955
Greece	270	324	410	571	773	756	714	1,033	1,115	1,187
Hungary	1,069	3,687	5,182	7,116	8,737	8,346	9,258	11,635	12,799	13,707
Ireland	12,471	16,373	20,409	27,647	32,881	38,710	38,267	36,936	44,870	49,947
Italy	19,612	20,039	21,537	22,707	25,873	26,373	25,992	25,957	28,859	29,782
Netherlands	23,411	35,266	34,562	42,240	50,245	44,317	42,265	55,455	65,369	72,721
Poland	948	1,270	1,449	1,433	1,736	2,056	2,445	3,038	3,391	3,776
Portugal	1,352	1,456	1,593	1,947	2,321	2,635	2,593	3,467	3,748	4,065
Romania	90	77	107	209	642	633	673	738	736	657
Slovakia	315	476	518	546	558	712	756	1,134	1,309	1,368
Spain	6,629	7,179	8,269	9,704	10,127	10,972	12,245	13,959	15,816	16,337
Sweden	13,522	15,850	18,047	19,095	21,142	17,504	18,694	20,750	23,621	24,785
United Kingdom	57,505	62,467	66,623	68,728	79,933	92,158	88,932	85,904	83,927	85,664
Asia	344,615	391,270	379,073	454,139	586,369	552,286	652,231	849,249	1,064,011	1,210,141
China	57,436	67,091	73,292	87,994	121,537	138,616	189,836	290,749	369,862	440,104
India	1,554	1,556	1,448	1,774	2,058	2,587	3,152	4,045	4,585	5,442
Indonesia	3,600	3,758	3,941	3,485	5,705	4,206	5,083	6,074	5,227	5,847
Japan	107,539	120,742	113,050	125,846	149,899	121,571	125,743	155,712	192,185	204,742
Malaysia	33,664	36,105	32,672	39,822	52,291	49,184	51,875	59,832	72,303	88,419
Philippines	11,523	16,272	15,353	17,808	21,855	21,964	24,583	27,937	32,327	34,717
Singapore	62,252	65,212	54,158	62,483	76,829	69,840	73,271	84,488	108,970	124,490
South Korea	26,305	32,241	33,484	49,205	66,326	58,479	74,948	98,445	120,619	126,138
Taiwan	31,385	37,725	41,237	53,373	72,498	69,527	83,622	98,018	128,448	146,504
Thailand	9,357	10,567	10,437	12,350	17,373	16,312	20,117	23,949	29,485	33,738
All others	60,953	70,099	85,101	95,577	116,874	117,222	112,725	122,095	141,423	151,730
Argentina	412	483	526	559	538	620	619	676	805	922
Australia	3,028	3,227	3,346	3,703	3,875	4,225	4,332	4,608	4,583	4,687
Brazil	1,184	1,945	2,793	4,151	6,052	6,269	5,519	5,528	6,099	5,797
Canada	16,524	18,341	21,580	23,332	31,606	25,576	22,069	23,873	25,700	28,172

Appendix table 6-15

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Exports, imports, and gross revenue of high-technology manufacturing industries, by selected region/country/economy: 1996–2005

(Millions of 2000 U.S. constant dollars)

Region/country/economy	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Chile	46	59	86	95	105	116	126	129	146	156
Costa Rica.....	87	374	1,008	537	640	797	971	1,163	1,453	1,694
Egypt	62	70	81	65	61	64	84	77	92	122
Iran	27	8	11	25	22	29	36	47	55	61
Israel.....	4,135	5,142	5,852	6,765	9,659	9,081	7,676	8,090	9,791	11,139
Mexico	15,296	18,515	24,545	29,352	36,933	39,615	38,863	41,286	49,522	51,600
Morocco.....	20	22	601	675	524	465	689	703	698	688
Norway	1,914	2,228	2,726	2,479	2,182	2,835	3,027	2,802	2,750	2,415
Russia.....	1,613	1,376	1,937	1,425	1,170	1,929	1,697	1,755	4,206	4,133
Saudi Arabia.....	774	801	119	52	62	454	405	680	735	795
South Africa	414	608	722	792	852	852	783	863	912	1,044
Switzerland.....	13,483	14,561	16,162	18,142	18,666	20,264	20,929	24,080	27,305	31,434
Tunisia	93	120	176	99	101	170	235	242	222	216
Turkey.....	419	702	1,021	1,271	1,643	1,644	2,265	2,894	3,200	3,392
All others.....	1,421	1,516	1,808	2,061	2,182	2,217	2,402	2,600	3,148	3,262
Imports										
All regions/countries/economies	812,513	950,149	1,022,303	1,181,100	1,431,821	1,412,803	1,508,215	1,771,612	2,123,829	2,355,785
United States.....	143,067	168,566	191,597	228,753	281,757	257,369	275,254	312,990	367,696	396,744
EU	134,240	158,488	186,292	216,353	249,021	243,186	240,850	289,611	353,101	382,365
Austria	7,364	8,635	9,956	11,168	11,339	11,591	12,306	13,569	15,769	16,759
Belgium	13,225	15,259	18,481	21,794	24,148	29,007	35,147	40,421	49,179	53,256
Bulgaria	302	300	412	600	575	886	854	1,182	1,449	1,724
Czech Republic	2,928	3,078	3,650	3,929	5,181	6,234	7,087	9,040	10,477	12,078
Denmark	5,393	6,653	7,243	7,762	8,103	8,626	11,140	10,992	12,596	13,655
Finland.....	5,606	5,800	6,541	7,416	9,152	8,509	8,237	9,750	11,031	11,596
France.....	39,830	45,894	55,466	61,946	68,887	69,175	67,764	74,601	86,393	89,963
Germany	59,510	65,622	75,333	85,865	97,382	105,635	107,984	125,458	141,615	151,723
Greece	2,829	3,543	4,423	4,767	4,837	5,043	4,834	6,463	8,015	7,299
Hungary	2,033	3,201	4,307	5,346	7,661	7,872	9,059	11,511	13,844	14,894
Ireland.....	7,801	10,813	13,427	16,540	21,454	24,605	25,392	20,925	24,153	27,641
Italy.....	22,500	25,081	28,780	32,810	36,582	36,428	38,367	44,431	49,010	50,672
Netherlands.....	28,928	38,674	41,876	50,059	54,894	57,643	57,491	73,921	86,538	92,159
Poland.....	3,649	4,851	5,665	6,196	7,389	7,844	7,899	8,807	10,504	12,237
Portugal	3,402	4,251	4,860	6,083	6,169	6,547	6,829	7,836	9,019	9,201
Romania.....	854	986	1,364	1,275	1,928	2,044	2,158	2,809	3,542	4,432
Slovakia	903	1,198	1,374	1,254	1,406	1,760	2,035	2,635	3,022	3,525
Spain	14,002	14,700	17,393	22,358	24,599	24,627	26,674	32,559	37,525	40,100
Sweden.....	10,232	11,325	13,440	13,582	15,436	13,363	13,890	14,960	16,480	17,435
United Kingdom.....	47,962	57,978	64,962	74,107	88,891	87,538	83,872	83,911	101,909	104,042

Exports, imports, and gross revenue of high-technology manufacturing industries, by selected region/country/economy: 1996–2005

(Millions of 2000 U.S. constant dollars)

Region/country/economy	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Asia.....	266,444	306,542	283,089	339,287	446,986	437,301	504,374	643,921	803,372	928,838
China.....	64,012	76,440	79,788	90,682	124,971	143,557	182,812	262,776	336,373	402,259
India.....	3,644	3,740	4,212	4,411	5,350	6,370	8,371	12,440	15,636	20,139
Indonesia.....	3,721	4,126	1,858	1,407	2,198	2,568	2,938	3,282	4,084	4,472
Japan.....	50,951	54,243	52,591	64,240	83,119	80,012	81,865	96,773	114,491	124,887
Malaysia.....	29,085	32,926	28,075	32,931	42,706	39,258	46,148	53,418	62,485	69,965
Philippines.....	9,493	14,429	14,270	16,802	19,569	17,742	20,718	24,081	26,117	27,583
Singapore.....	42,403	46,123	39,243	45,688	57,347	52,333	55,082	63,335	78,754	89,692
South Korea.....	24,674	27,493	19,714	30,659	42,853	36,492	41,320	50,789	63,443	73,288
Taiwan.....	24,111	31,620	30,913	38,232	49,734	39,636	44,268	52,131	70,338	79,405
Thailand.....	14,349	15,402	12,422	14,234	19,139	19,332	20,853	24,896	31,650	37,149
All others.....	123,749	147,198	168,663	178,203	207,065	203,156	199,568	218,922	260,688	295,812
Argentina.....	3,192	4,160	4,818	4,963	5,227	3,774	1,135	2,177	3,566	4,230
Australia.....	10,970	11,413	12,076	14,235	16,531	14,681	17,752	21,184	24,970	27,948
Brazil.....	9,539	11,944	12,221	12,273	14,375	14,402	11,132	10,856	13,676	16,198
Canada.....	28,578	33,537	36,679	42,106	49,773	45,869	42,927	45,201	52,270	60,318
Chile.....	1,937	2,257	2,726	2,271	2,747	2,377	2,195	2,330	2,673	3,386
Costa Rica.....	361	512	1,431	1,276	1,554	2,196	2,516	2,871	3,132	3,375
Egypt.....	1,380	2,164	2,078	2,111	2,392	2,678	2,176	1,718	2,081	2,296
Iran.....	1,036	1,515	1,723	1,253	1,461	2,196	2,329	2,927	3,446	4,035
Israel.....	3,895	4,243	5,675	7,219	7,744	7,148	6,343	6,317	7,971	8,864
Mexico.....	12,394	17,131	18,878	23,687	32,449	34,258	36,594	36,722	43,458	46,848
Morocco.....	655	796	1,126	1,394	1,988	1,309	1,759	2,243	2,441	2,986
Norway.....	3,951	4,471	5,507	5,201	6,021	5,989	6,372	6,671	7,516	8,175
Russia.....	5,267	6,142	6,125	4,236	5,126	6,956	7,477	10,586	12,885	15,106
Saudi Arabia.....	5,228	8,102	10,382	7,387	5,854	6,217	5,733	6,356	6,276	7,155
South Africa.....	3,801	4,189	5,825	5,183	5,921	5,709	5,298	6,627	8,054	9,222
Switzerland.....	14,338	13,958	17,108	19,602	20,493	22,100	22,153	24,489	28,437	31,486
Tunisia.....	549	600	802	944	979	979	1,040	1,091	1,381	1,597
Turkey.....	4,068	5,146	6,523	7,517	10,063	6,275	7,294	8,634	11,620	14,095
All others.....	12,609	14,919	16,960	15,343	16,368	18,043	17,346	19,920	24,834	28,492
Revenue										
All regions/countries/economies.....	1,730,980	1,933,233	2,021,050	2,235,632	2,532,230	2,507,420	2,530,667	2,804,620	3,210,253	3,508,943
United States.....	405,798	481,782	578,317	648,872	738,506	756,259	735,138	786,750	844,249	932,864
EU.....	433,378	471,644	484,816	516,080	576,808	582,029	561,892	581,323	622,770	650,268
Austria.....	6,519	6,830	7,616	8,477	9,799	9,401	9,333	9,011	9,964	10,816
Belgium.....	9,194	10,124	10,893	11,763	14,057	14,267	13,654	15,956	16,852	16,926
Bulgaria.....	575	559	432	344	377	391	497	542	534	661
Czech Republic.....	2,281	2,582	3,732	4,325	3,847	5,165	6,134	6,397	9,138	10,175
Denmark.....	5,020	5,329	5,850	6,585	7,613	8,103	8,236	8,007	7,334	7,807
Finland.....	7,434	8,742	12,226	14,957	19,947	19,309	21,109	20,654	23,615	25,435

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Region/country/economy	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
France.....	83,109	94,972	101,419	108,009	119,055	120,731	113,533	115,058	120,081	119,764
Germany.....	86,103	88,193	94,750	99,907	116,161	118,977	116,882	123,089	134,845	151,406
Greece.....	797	936	1,199	1,198	1,495	1,524	1,444	1,448	1,444	1,362
Hungary.....	13,618	24,551	5,222	6,539	8,302	9,420	11,360	20,315	29,538	36,900
Ireland.....	17,844	20,699	24,279	26,670	31,696	33,987	34,768	36,649	37,532	37,878
Italy.....	55,235	54,740	54,157	53,073	53,950	50,819	49,410	45,637	46,175	42,738
Netherlands.....	14,666	15,952	16,528	17,329	19,269	18,824	18,148	17,484	17,588	17,519
Poland.....	4,046	4,295	4,650	4,906	5,313	5,600	5,897	6,538	7,561	7,936
Portugal.....	2,898	2,983	3,203	3,298	3,630	3,752	3,623	4,545	4,879	5,684
Romania.....	844	807	585	564	510	520	540	686	757	716
Slovakia.....	621	677	699	655	709	820	992	1,093	1,232	1,533
Spain.....	17,571	17,984	18,956	18,788	20,076	18,451	17,059	17,101	16,877	16,823
Sweden.....	19,994	21,404	23,934	26,332	29,262	29,356	29,182	29,360	32,590	35,068
United Kingdom.....	85,009	89,284	94,486	102,361	111,742	112,612	100,092	101,752	104,234	103,121
Asia.....	750,540	820,880	788,056	886,097	1,006,496	967,851	1,038,368	1,244,485	1,542,236	1,707,305
China.....	88,968	101,615	114,891	145,629	171,937	206,828	272,443	413,420	612,865	747,234
India.....	9,397	10,052	9,664	11,813	10,962	11,923	13,735	14,837	16,605	17,577
Indonesia.....	6,627	7,509	4,417	5,676	6,839	7,436	8,666	9,615	9,809	10,253
Japan.....	461,921	497,147	458,818	465,171	495,189	446,988	411,834	450,694	505,078	502,369
Malaysia.....	27,035	29,584	26,156	33,224	44,601	37,089	40,837	44,363	52,631	59,825
Philippines.....	2,429	4,990	4,048	4,692	6,808	7,498	8,185	7,949	9,800	10,394
Singapore.....	35,415	38,651	37,569	46,594	54,217	44,507	46,700	51,004	55,413	63,569
South Korea.....	62,040	67,059	62,438	88,241	118,960	117,803	133,027	138,508	153,425	163,144
Taiwan.....	52,652	60,541	66,940	81,693	92,877	84,099	98,722	109,127	121,031	126,245
Thailand.....	4,056	3,732	3,115	3,365	4,106	3,681	4,220	4,969	5,578	6,694
All others.....	141,263	158,928	169,861	184,584	210,419	201,282	195,269	192,063	200,998	218,506
Argentina.....	5,551	5,654	5,614	5,049	4,954	4,691	2,995	3,582	4,178	4,930
Australia.....	7,441	8,009	8,315	8,492	8,549	9,231	10,103	10,778	10,510	10,871
Brazil.....	28,635	30,126	28,489	28,822	32,904	36,617	37,959	33,807	34,009	39,519
Canada.....	24,004	27,330	28,983	35,900	45,201	35,806	32,670	34,570	34,745	36,310
Chile.....	647	729	801	731	757	730	758	672	715	817
Costa Rica.....	267	162	162	166	181	169	154	158	174	201
Egypt.....	1,426	1,564	1,357	1,616	1,710	2,096	1,516	1,582	1,570	1,684
Iran.....	710	764	737	649	662	745	566	787	838	1,049
Israel.....	7,460	8,116	8,360	7,936	10,795	10,533	9,166	9,110	9,691	10,031
Mexico.....	25,281	33,798	44,816	51,186	55,108	52,262	48,960	46,020	48,092	51,447
Morocco.....	365	390	414	317	329	323	337	362	352	347
Norway.....	2,918	2,963	3,420	3,474	3,629	3,491	3,643	3,413	3,591	3,768
Russia.....	5,003	5,017	3,749	4,540	5,199	6,736	10,544	9,813	11,235	11,983
Saudi Arabia.....	209	210	194	191	197	210	195	221	228	226
South Africa.....	3,773	3,620	3,058	2,754	2,477	2,394	2,470	2,327	2,619	2,886

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Region/country/economy	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Switzerland	16,975	18,366	19,245	20,564	25,564	23,629	20,201	20,558	22,486	24,589
Tunisia	306	314	340	354	360	357	345	339	368	392
Turkey	3,308	4,865	5,102	5,371	5,499	4,331	5,388	5,844	6,703	7,358
All others.....	6,985	6,931	6,705	6,474	6,345	6,930	7,297	8,119	8,892	10,097

EU = European Union

NOTES: High-technology manufacturing industries classified by Organisation for Economic Co-operation and Development and include aerospace, communications equipment, office machinery and computers, pharmaceuticals, and scientific instruments. Gross revenue represents total value of all domestic or international industry shipments. EU excludes Cyprus, Estonia, Latvia, Lithuania, Luxembourg, Malta, and Slovenia. EU exports and imports exclude intra-EU exports and imports. China includes Hong Kong. Constant dollar data for foreign countries calculated by deflating industry data valued in each country's nominal domestic currency with a sector-specific price index constructed for that country and then converted to U.S. dollars based on average annual exchange rates.

SOURCE: Global Insight, Inc., World Industry Service database, special tabulations (15 April 2007).

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