

Value-added revenue and exports of non-high-technology manufacturing industries, by selected region/country/economy: 1996–2005

(Millions of 2000 U.S. constant dollars)

Industry and region/country/economy	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Medium-high technology manufacturing industries										
Value-added revenue										
All regions/countries/economies.....	1,391,162	1,433,505	1,428,221	1,425,623	1,470,410	1,422,203	1,501,561	1,530,524	1,627,695	1,681,655
United States.....	366,447	372,847	381,613	371,584	378,328	347,210	380,487	369,157	380,782	384,826
EU.....	415,250	432,769	446,460	438,736	441,709	443,344	453,523	452,422	466,769	473,466
Austria.....	6,218	6,842	7,717	8,657	9,199	9,191	9,091	9,349	10,102	10,543
Belgium.....	12,721	13,070	13,557	12,871	12,723	12,401	13,032	12,532	13,574	13,332
Czech Republic.....	4,795	4,338	4,510	4,497	4,334	4,518	4,638	4,780	5,293	6,065
Denmark.....	4,952	5,521	5,842	5,339	5,533	5,758	5,790	5,641	5,903	6,057
Finland.....	4,672	4,794	5,133	4,977	5,379	5,671	5,065	4,968	5,136	5,586
France.....	43,713	47,111	51,078	53,849	57,218	56,955	57,616	56,402	56,310	55,357
Germany.....	154,802	161,376	167,046	161,459	162,829	167,228	170,533	172,795	180,902	186,559
Greece.....	1,123	1,097	1,200	1,226	1,297	1,177	1,096	1,128	1,137	1,146
Hungary.....	3,606	3,463	3,171	3,232	3,066	3,492	4,619	3,940	4,184	4,500
Ireland.....	3,809	5,537	8,061	8,774	9,457	12,640	15,950	16,380	13,796	13,883
Italy.....	51,828	54,129	53,985	52,612	52,949	50,864	51,982	49,258	49,777	48,699
Netherlands.....	13,585	14,174	14,394	14,295	14,139	14,024	14,193	13,578	13,913	13,938
Poland.....	5,837	5,509	5,689	5,530	5,904	5,518	5,406	6,244	7,505	8,229
Portugal.....	2,895	2,950	2,896	2,978	2,724	2,843	2,846	2,915	2,860	2,582
Slovakia.....	912	990	1,126	1,078	1,106	1,217	1,225	1,439	1,642	2,134
Spain.....	21,362	24,003	25,608	25,129	24,485	23,729	24,120	24,254	24,925	24,237
Sweden.....	14,378	14,880	14,427	14,789	15,415	13,343	14,161	15,188	15,727	16,112
United Kingdom.....	64,041	62,985	61,019	57,446	53,951	52,776	52,159	51,631	54,083	54,506
Asia.....	438,393	446,228	421,220	434,560	457,547	440,413	481,666	522,138	582,736	616,871
China.....	48,993	48,648	47,518	48,203	56,990	63,727	78,339	102,630	116,172	131,942
India.....	10,165	9,733	13,514	14,800	12,985	13,276	14,386	15,766	18,949	21,620
Indonesia.....	8,690	8,434	4,696	4,740	6,582	7,168	7,601	10,443	16,102	15,964
Japan.....	297,611	305,456	297,526	302,665	308,212	286,241	304,514	311,368	338,266	348,290
Malaysia.....	5,809	6,093	3,713	4,594	5,358	5,836	6,331	6,837	7,383	7,446
Philippines.....	1,417	2,557	1,938	2,401	3,061	3,332	3,264	3,204	3,793	4,447
Singapore.....	4,222	4,429	3,062	3,082	3,744	3,308	4,231	4,652	4,892	5,549
South Korea.....	35,096	34,135	24,830	29,300	35,845	33,895	37,446	39,316	44,920	48,175
Taiwan.....	18,663	19,585	19,484	18,453	16,763	15,030	16,129	15,775	17,204	17,374
Thailand.....	7,727	7,158	4,938	6,323	8,008	8,599	9,425	12,146	15,056	16,063
Exports										
All regions/countries/economies.....	1,673,072	1,757,029	1,773,256	1,830,178	1,961,873	1,958,691	2,055,608	2,367,791	2,667,343	2,833,380
United States.....	218,827	247,117	249,560	252,121	282,171	264,641	258,115	262,016	294,206	315,089
EU.....	289,393	301,425	283,653	283,912	315,595	330,660	340,236	378,935	416,827	442,867
Austria.....	22,059	21,577	22,489	22,667	23,157	26,406	27,971	32,220	35,418	38,128
Belgium.....	64,486	67,891	71,476	74,543	73,942	80,817	84,132	94,154	102,334	104,191
Czech Republic.....	8,284	9,967	12,413	12,338	14,190	15,715	16,537	19,993	22,989	25,483
Denmark.....	10,478	11,340	11,247	11,498	11,727	12,767	13,545	14,873	15,391	16,049

Appendix table 6-13

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Value-added revenue and exports of non-high-technology manufacturing industries, by selected region/country/economy: 1996–2005

(Millions of 2000 U.S. constant dollars)

Industry and region/country/economy	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Finland.....	8,736	9,382	10,079	10,096	11,294	12,100	12,227	13,074	14,297	15,508
France.....	104,207	105,389	112,147	116,100	121,864	126,817	133,452	148,017	157,595	161,284
Germany.....	253,596	259,833	263,158	266,892	280,368	299,454	308,043	349,926	388,984	402,676
Greece.....	1,106	1,176	1,228	1,296	1,329	1,351	1,465	1,806	1,883	2,058
Hungary.....	4,559	7,413	9,124	10,773	11,399	11,789	11,450	12,958	13,969	15,311
Ireland.....	10,339	12,988	16,626	18,780	20,041	21,071	23,833	29,520	30,870	32,920
Italy.....	102,991	99,931	96,904	95,696	96,829	95,891	94,690	104,108	110,686	111,850
Netherlands.....	44,651	50,192	47,834	46,701	47,635	44,843	47,073	53,832	58,979	62,147
Poland.....	5,764	6,482	7,178	7,595	10,400	10,815	12,469	16,649	19,201	21,827
Portugal.....	6,600	7,163	7,447	7,658	8,024	7,642	8,119	9,244	9,754	10,015
Slovakia.....	2,647	3,405	4,511	4,650	5,298	5,345	6,072	9,392	10,477	10,452
Spain.....	42,600	44,334	47,246	50,089	51,889	52,998	53,756	63,523	67,154	67,961
Sweden.....	25,297	25,923	28,903	27,796	29,106	30,687	32,041	37,462	39,920	40,705
United Kingdom.....	98,486	101,764	101,342	99,078	98,140	101,631	102,946	115,872	124,993	126,687
Asia.....	406,833	422,675	401,921	430,784	492,173	464,285	522,967	668,080	804,913	892,866
China.....	59,531	64,139	62,886	71,543	88,942	92,944	113,419	154,170	196,338	237,729
India.....	4,703	4,719	4,625	5,354	6,814	7,260	8,883	11,778	13,613	16,024
Indonesia.....	4,256	4,408	6,115	5,176	6,499	6,174	6,629	7,838	8,846	10,626
Japan.....	225,565	235,244	219,476	227,634	247,247	215,904	235,681	291,359	350,232	371,460
Malaysia.....	9,777	9,662	10,353	10,751	12,246	11,977	12,781	15,855	18,695	22,418
Philippines.....	2,429	2,900	3,048	2,899	3,681	3,806	4,223	4,903	5,902	6,211
Singapore.....	26,141	24,454	18,966	20,768	23,555	22,081	22,965	29,315	34,281	38,191
South Korea.....	31,126	33,706	34,371	39,581	47,939	50,165	58,161	78,657	91,953	98,811
Taiwan.....	34,719	33,779	31,768	34,244	39,748	38,692	43,498	52,422	60,590	65,122
Thailand.....	8,587	9,665	10,313	12,835	15,501	15,283	16,729	21,783	24,463	26,274
Medium-low technology manufacturing industries										
Value-added revenue										
All regions/countries/economies.....	1,189,744	1,231,994	1,251,352	1,264,783	1,296,859	1,271,965	1,290,231	1,333,072	1,423,361	1,458,828
United States.....	282,381	300,498	309,905	313,385	316,827	289,840	297,790	293,959	325,796	321,230
EU.....	339,901	346,230	368,482	357,682	356,904	358,197	353,544	356,360	367,133	367,644
Austria.....	7,882	8,571	8,781	9,065	9,856	9,847	9,868	10,289	11,055	11,554
Belgium.....	10,160	10,621	11,080	10,503	10,736	10,410	10,708	10,967	11,201	10,578
Czech Republic.....	4,647	4,265	4,061	4,215	3,780	3,719	3,674	4,115	4,427	4,847
Denmark.....	4,601	4,948	5,192	4,940	4,901	4,861	4,827	4,801	4,936	5,021
Finland.....	4,545	4,822	5,473	4,929	5,298	5,566	5,421	5,469	5,866	5,868
France.....	53,755	53,558	55,379	56,446	56,720	58,834	56,705	57,173	55,721	55,783
Germany.....	84,809	85,458	92,557	90,376	89,800	90,689	90,367	90,217	94,699	95,091
Greece.....	2,927	2,861	3,393	3,275	3,660	3,764	3,844	3,914	3,954	4,055
Hungary.....	1,528	1,770	2,260	2,251	2,296	2,373	2,681	3,101	3,446	3,624
Ireland.....	1,169	1,339	1,653	1,628	1,685	1,842	1,686	1,673	1,703	1,652
Italy.....	55,862	55,571	59,297	55,181	53,276	54,193	51,860	52,281	52,813	52,706
Netherlands.....	13,089	12,364	14,384	12,828	12,539	12,894	12,635	12,964	13,362	13,323

Value-added revenue and exports of non-high-technology manufacturing industries, by selected region/country/economy: 1996–2005

(Millions of 2000 U.S. constant dollars)

Industry and region/country/economy	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Poland.....	6,487	6,886	7,536	7,411	8,088	7,560	7,953	9,116	10,727	11,357
Portugal.....	3,023	3,276	3,561	3,472	3,309	3,319	3,480	3,305	3,321	3,569
Slovakia.....	1,138	1,209	1,398	1,157	1,272	1,480	1,491	1,703	1,997	2,099
Spain.....	26,386	28,120	29,597	28,423	28,749	27,938	28,870	28,747	29,429	29,450
Sweden.....	8,352	8,976	9,411	8,972	9,223	9,479	9,136	9,355	9,338	9,310
United Kingdom.....	49,541	51,616	53,467	52,610	51,715	49,429	48,337	47,169	49,139	47,756
Asia.....	368,377	378,420	355,948	374,521	395,372	393,710	411,869	447,355	481,432	514,145
China.....	51,642	53,694	51,183	56,732	62,596	69,998	84,507	107,694	129,781	155,216
India.....	8,929	8,713	11,923	12,941	10,796	10,857	14,429	15,619	16,799	19,097
Indonesia.....	5,354	3,614	2,359	2,879	4,073	4,135	3,800	3,822	4,233	4,475
Japan.....	232,158	232,849	214,263	218,657	228,121	217,241	212,598	218,568	219,397	219,897
Malaysia.....	6,228	7,052	5,821	5,753	7,597	7,405	8,286	9,166	9,943	10,486
Philippines.....	1,799	3,167	2,539	2,612	4,098	4,548	4,084	4,445	4,933	5,313
Singapore.....	5,111	5,041	3,665	4,194	3,977	3,587	3,751	3,675	3,779	4,385
South Korea.....	25,314	29,340	29,180	34,004	37,601	38,520	40,736	43,749	47,627	49,939
Taiwan.....	19,991	21,637	23,484	24,104	23,027	23,161	24,953	24,269	26,433	26,080
Thailand.....	11,851	13,313	11,530	12,645	13,487	14,259	14,724	16,346	18,507	19,256
Exports										
All regions/countries/economies.....	662,375	697,367	720,493	730,402	733,079	747,932	779,179	883,805	975,035	1,020,280
United States.....	53,512	59,413	60,643	60,879	66,745	64,111	62,380	62,763	64,078	66,979
EU.....	92,388	95,966	95,136	89,900	94,593	94,970	97,097	107,133	118,405	126,400
Austria.....	9,851	9,323	11,037	9,921	9,682	10,286	10,493	12,601	13,709	14,126
Belgium.....	28,772	28,911	31,534	31,838	31,480	31,811	31,952	34,924	38,568	38,540
Czech Republic.....	5,176	5,224	6,239	6,171	6,519	7,124	7,677	9,082	11,158	12,474
Denmark.....	5,678	5,588	5,658	6,071	5,519	5,474	5,995	6,444	6,527	6,857
Finland.....	6,240	6,162	6,792	6,692	6,974	6,823	7,718	9,116	9,555	9,743
France.....	37,951	37,339	40,422	39,035	40,262	40,142	40,476	44,882	46,751	46,362
Germany.....	62,175	63,557	70,155	70,679	68,709	73,994	76,567	84,395	96,584	99,049
Greece.....	2,846	2,720	2,919	2,957	2,897	2,763	2,719	2,717	2,894	3,040
Hungary.....	2,230	2,304	2,737	2,720	2,636	2,862	2,932	3,321	3,785	4,105
Ireland.....	1,714	1,776	1,807	1,678	1,644	1,624	1,730	1,701	1,711	1,690
Italy.....	41,317	40,704	42,740	39,832	40,390	40,667	40,859	44,536	47,014	46,404
Netherlands.....	27,433	28,463	28,048	29,325	27,619	28,162	27,676	29,509	31,412	32,605
Poland.....	6,197	5,612	7,037	6,874	7,582	8,546	9,716	11,372	13,306	14,796
Portugal.....	2,735	2,945	3,045	3,158	3,155	3,155	3,535	4,285	4,569	4,470
Slovakia.....	2,264	3,117	3,289	3,058	3,274	3,633	3,904	4,753	5,240	5,599
Spain.....	17,367	18,646	18,959	19,412	19,579	19,406	19,904	23,398	24,973	24,803
Sweden.....	12,250	12,526	12,841	12,609	12,762	13,064	13,719	15,292	16,769	16,776
United Kingdom.....	32,639	34,373	32,702	30,630	30,557	30,801	30,882	34,362	35,882	36,238
Asia.....	160,554	173,273	183,567	183,089	191,484	186,441	209,667	247,671	284,249	309,470
China.....	51,149	53,414	52,212	52,302	53,747	47,775	51,407	58,300	62,619	63,847
India.....	34,644	40,208	39,931	40,089	46,242	47,484	56,481	72,984	91,683	109,226

Appendix table 6-13

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Value-added revenue and exports of non-high-technology manufacturing industries, by selected region/country/economy: 1996–2005

(Millions of 2000 U.S. constant dollars)

Industry and region/country/economy	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Indonesia	22,080	26,215	37,100	33,002	33,032	35,799	36,309	39,836	46,273	49,545
Japan.....	14,238	15,506	15,999	17,435	19,141	17,942	19,974	23,389	25,208	24,545
Malaysia	3,944	4,389	4,574	5,168	5,397	4,933	5,479	6,391	6,834	7,354
Philippines	3,298	3,685	3,194	3,717	4,867	5,662	9,777	12,316	13,646	15,251
Singapore	5,583	5,837	5,798	6,174	6,098	6,917	7,076	7,884	8,977	9,818
South Korea	4,189	4,850	4,672	5,419	6,166	6,115	6,409	7,848	8,585	9,073
Taiwan	1,272	1,386	1,052	1,405	1,402	1,417	1,476	1,825	1,945	2,276
Thailand.....	20,156	17,784	19,035	18,379	15,391	12,396	15,280	16,899	18,477	18,534
Low-technology manufacturing industries										
Value-added revenue										
All regions/countries/economies	1,721,216	1,748,883	1,746,362	1,799,157	1,830,966	1,783,205	1,776,242	1,808,679	1,885,702	1,953,425
United States.....	511,372	521,178	525,366	548,995	549,314	523,450	516,418	532,747	559,444	592,391
EU	457,876	470,630	482,719	492,798	490,424	485,558	486,937	484,412	488,906	488,716
Austria	10,096	10,567	11,037	11,673	12,434	12,618	12,468	12,725	13,368	13,500
Belgium	12,180	12,433	12,530	13,099	12,432	12,246	12,990	13,096	13,471	13,438
Czech Republic	4,836	5,474	4,771	5,124	4,499	4,161	4,317	4,340	4,398	4,532
Denmark.....	7,905	8,553	8,480	8,642	8,632	8,228	8,493	8,892	8,859	8,810
Finland.....	8,143	8,839	9,787	9,765	10,501	10,233	10,001	9,534	9,695	9,104
France	66,761	68,193	69,668	69,106	69,063	69,387	69,288	69,223	69,113	71,095
Germany	93,581	92,767	94,637	96,066	94,407	89,373	88,788	86,657	88,546	89,787
Greece	6,148	6,091	6,545	6,487	6,613	6,530	6,385	6,548	6,521	6,385
Hungary	2,423	2,627	2,711	2,988	2,953	3,242	3,384	3,332	3,488	3,499
Ireland	5,158	6,118	7,218	8,169	8,101	9,043	10,176	10,365	11,471	12,033
Italy.....	74,599	76,499	77,934	77,703	76,974	78,742	77,923	77,904	77,961	75,324
Netherlands	20,392	20,999	21,730	22,990	22,988	23,088	24,133	24,201	24,281	24,538
Poland.....	9,870	10,574	11,245	12,851	12,656	11,922	11,866	12,927	14,281	14,650
Portugal	10,151	10,232	10,514	10,767	10,289	10,590	10,849	10,567	10,417	10,013
Slovakia.....	1,519	1,405	1,617	2,030	1,637	1,879	1,679	1,686	1,459	1,781
Spain	31,439	33,508	35,105	36,221	35,565	34,193	34,984	34,270	34,319	34,249
Sweden.....	13,130	13,458	13,906	14,396	15,127	14,933	14,818	15,422	15,497	15,464
United Kingdom.....	79,547	82,294	83,283	84,721	85,553	85,150	84,396	82,722	81,761	80,516
Asia.....	474,327	477,206	452,870	469,146	491,237	470,809	477,377	496,240	533,281	559,139
China	72,369	73,944	66,971	69,781	77,453	84,108	97,081	115,008	148,332	175,342
India	10,603	10,323	11,447	12,437	12,341	11,891	12,251	12,873	13,425	14,419
Indonesia	11,647	10,942	10,427	11,188	13,156	12,274	13,367	12,914	12,303	12,280
Japan.....	313,592	311,817	299,129	303,642	309,733	283,031	273,473	274,178	273,742	270,621
Malaysia	5,483	5,476	4,849	5,559	6,341	6,291	6,509	6,925	7,362	7,760
Philippines	4,988	8,713	7,004	7,329	9,558	10,443	10,726	9,990	11,204	12,227
Singapore	2,311	2,325	1,672	2,075	1,977	1,737	1,646	1,786	1,644	1,895
South Korea	22,898	22,157	20,084	24,788	27,644	27,151	28,404	27,084	27,830	27,349
Taiwan	15,209	15,458	15,348	14,995	14,928	14,568	14,058	13,340	13,114	12,637
Thailand.....	15,227	16,051	15,939	17,352	18,106	19,316	19,861	22,141	24,323	24,608

Value-added revenue and exports of non-high-technology manufacturing industries, by selected region/country/economy: 1996–2005

(Millions of 2000 U.S. constant dollars)

Industry and region/country/economy	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Exports										
All regions/countries/economies.....	1,141,736	1,189,175	1,189,311	1,230,864	1,263,889	1,287,530	1,332,494	1,490,715	1,635,393	1,716,027
United States.....	121,385	129,428	130,143	130,619	141,167	138,109	129,106	129,847	134,534	144,516
EU.....	165,288	174,837	170,612	172,974	186,587	182,347	189,311	189,339	201,682	213,895
Austria.....	12,975	14,440	16,519	17,161	15,664	15,542	17,025	22,984	25,244	26,353
Belgium.....	42,771	46,070	49,891	53,292	53,257	52,979	54,290	58,549	64,982	67,480
Czech Republic.....	4,978	5,045	6,043	5,792	6,226	6,774	7,058	8,092	9,226	10,166
Denmark.....	17,707	18,645	18,960	19,073	18,377	19,149	21,713	22,844	23,749	24,901
Finland.....	11,990	13,116	14,126	13,923	13,782	13,227	14,450	16,108	17,052	17,341
France.....	60,195	65,614	67,683	69,085	70,547	63,529	66,063	72,277	75,681	75,903
Germany.....	73,345	72,451	87,373	91,140	78,494	90,280	93,764	109,588	126,747	130,020
Greece.....	5,284	4,889	4,659	4,919	4,477	4,339	4,372	5,091	5,121	5,417
Hungary.....	4,997	4,765	5,384	5,779	5,409	6,016	6,125	6,032	6,699	7,386
Ireland.....	11,371	10,439	10,975	11,525	11,266	11,542	11,952	14,131	14,764	15,081
Italy.....	81,015	77,627	76,474	74,357	76,250	78,386	78,197	84,111	88,563	88,390
Netherlands.....	41,227	46,076	40,465	44,050	41,872	41,017	41,649	48,114	52,442	55,228
Poland.....	8,515	9,563	9,619	9,919	10,083	10,966	11,287	14,008	16,060	18,125
Portugal.....	11,119	11,369	11,475	11,407	11,130	11,443	11,855	12,936	13,605	13,993
Slovakia.....	1,868	2,158	2,259	2,260	2,540	2,875	3,197	3,997	4,512	4,777
Spain.....	21,297	24,247	24,907	26,171	26,932	29,530	31,285	33,944	36,666	37,228
Sweden.....	17,174	17,798	19,066	18,314	17,820	19,529	21,505	24,782	28,027	27,317
United Kingdom.....	53,620	55,019	52,767	52,705	52,916	52,436	54,535	59,142	59,977	60,730
Asia.....	314,339	323,459	299,679	321,430	348,408	352,907	380,454	442,916	503,187	544,774
China.....	124,187	134,411	126,113	127,772	143,819	150,121	170,294	210,812	245,957	275,999
India.....	18,723	18,747	19,095	22,692	24,409	25,340	29,205	32,796	36,610	40,012
Indonesia.....	24,117	22,968	18,259	21,777	22,522	22,265	23,501	24,266	25,515	28,735
Japan.....	31,618	34,927	35,235	40,031	42,366	41,208	42,739	47,971	54,666	55,994
Malaysia.....	14,098	13,557	12,259	13,734	15,018	15,363	16,639	18,413	20,781	23,509
Philippines.....	6,157	6,068	5,435	4,572	5,163	5,777	5,459	6,044	6,441	6,760
Singapore.....	15,884	15,492	12,290	12,053	13,075	13,837	13,462	15,325	17,810	18,925
South Korea.....	29,131	29,921	25,271	31,514	31,428	29,058	28,746	32,406	36,348	36,285
Taiwan.....	30,933	28,313	27,347	27,738	29,209	27,834	28,089	29,553	31,917	30,550
Thailand.....	19,490	19,056	18,375	19,549	21,399	22,104	22,319	25,330	27,141	28,005

EU = European Union

NOTES: Manufacturing industries classified by Organisation for Economic Co-operation and Development based on average R&D intensity of manufacturing industry. Value-added revenue excludes purchases of domestic and imported materials and inputs. EU excludes Bulgaria, Cyprus, Estonia, Latvia, Lithuania, Luxembourg, Malta, Romania, and Slovenia. EU exports exclude intra-EU exports. 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).