

APPENDIX TABLE 6-8

Value added of HT manufacturing industries, 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
World	778,676	783,560	876,242	956,826	1,013,734	1,110,280	1,208,038	1,276,479	1,210,161	1,360,866	1,386,931	1,469,681	1,529,502	1,602,044	1,595,875	1,618,453
North America																
Canada	13,967	13,041	15,046	15,864	16,560	17,999	17,820	18,229	16,761	18,734	18,643	18,863	17,941	18,457	16,629	16,333
Mexico	18,568	18,128	14,401	13,956	15,206	16,740	17,700	17,227	14,245	15,212	15,610	16,511	17,037	17,047	17,257	15,844
United States	288,458	290,530	311,140	321,276	337,956	366,070	387,767	391,138	410,895	426,544	427,152	433,940	446,037	466,321	505,155	495,473
Central and South America																
Argentina	1,014	275	397	525	674	801	994	1,272	1,301	1,603	1,978	2,195	2,186	1,972	1,804	1,605
Bolivia	45	45	50	49	57	53	52	80	99	94	100	106	116	124	130	160
Brazil	10,604	8,265	7,480	9,751	11,672	14,792	17,284	19,958	15,837	19,825	21,452	21,055	21,553	21,139	13,843	13,364
Chile	154	137	129	168	209	213	244	223	291	368	388	411	460	469	514	474
Colombia	619	632	594	815	838	936	1,126	1,340	1,329	1,571	1,634	1,798	1,834	1,773	1,379	1,374
Costa Rica	70	72	75	83	88	100	121	135	118	152	171	183	193	191	186	193
Ecuador	435	471	494	519	511	536	554	657	759	824	889	1,031	1,133	1,383	1,369	1,308
Honduras	81	82	83	82	92	96	103	114	117	112	133	145	141	147	146	148
Panama	8	8	8	8	8	9	12	14	15	16	16	25	24	25	24	26
Peru	656	723	684	848	992	1,143	1,331	1,601	1,351	1,704	1,704	2,220	2,372	2,240	1,959	1,910



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Uruguay	72	39	46	61	76	82	95	154	153	172	195	213	234	257	270	304
Venezuela	439	301	278	370	456	540	667	1,024	1,194	717	885	1,054	996	803	1,310	263
Europe																
EU	140,891	147,954	177,026	200,601	210,659	223,292	251,601	266,067	230,294	238,622	254,819	238,567	258,860	274,269	258,813	263,648
Austria	2,975	3,318	3,970	4,400	5,345	5,747	5,989	5,976	5,607	5,994	6,352	6,179	6,685	7,241	6,809	7,305
Belgium	3,628	3,890	4,537	4,907	5,123	5,464	5,862	6,740	6,328	7,496	7,778	7,237	8,697	9,761	8,678	9,891
Bulgaria	89	100	138	135	159	169	227	172	168	171	210	241	203	217	188	191
Czech Republic	787	935	1,134	1,320	1,614	1,784	2,134	2,401	1,889	2,090	2,292	1,800	1,988	2,216	2,014	2,091
Denmark	3,234	3,173	4,145	4,465	5,041	5,076	5,549	5,199	5,323	6,520	6,585	7,104	7,749	8,057	7,147	7,625
Finland	4,867	5,964	7,078	7,482	7,849	8,593	10,880	10,307	5,451	5,439	4,325	3,667	3,859	3,869	3,342	3,365
France	21,711	22,374	26,355	26,942	28,560	29,839	31,800	31,781	27,236	24,543	21,633	20,946	23,799	23,206	22,156	21,771
Germany	31,725	33,517	42,924	51,290	55,156	57,465	70,387	73,849	58,165	62,869	72,147	68,252	74,542	80,812	72,065	73,555
Greece	753	694	816	939	811	882	1,006	1,154	1,175	1,079	909	791	1,049	1,140	1,356	1,399
Hungary	1,339	1,539	2,413	3,160	3,571	3,573	3,354	3,761	3,148	3,621	3,595	2,919	2,813	2,885	2,734	2,796
Ireland	7,905	8,794	11,750	12,684	13,551	14,561	17,168	19,758	21,849	20,033	23,027	20,345	20,166	22,903	29,152	32,530
Italy	14,610	15,726	18,063	20,432	20,303	21,242	23,061	25,248	22,177	21,497	23,104	20,385	21,937	22,911	20,268	20,851
Netherlands	3,677	3,420	3,753	3,901	4,027	3,708	4,162	4,787	4,574	4,562	5,015	4,832	4,909	5,265	5,028	5,009
Poland	1,556	1,652	1,849	2,289	2,716	2,562	3,284	3,845	3,195	3,467	3,703	3,110	3,893	3,999	3,319	3,309
Portugal	616	673	785	900	959	981	1,141	1,151	844	766	726	732	981	931	758	776



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Romania	267	249	322	395	411	552	825	937	651	786	727	722	789	826	684	649
Slovakia	85	110	161	218	266	278	400	488	348	523	460	470	394	402	338	344
Spain	5,359	5,339	6,563	7,259	7,167	7,978	9,252	10,717	8,980	9,358	9,348	8,931	9,957	10,098	7,846	8,107
Sweden	4,409	5,923	8,197	11,244	11,453	12,202	12,363	12,184	12,264	14,024	15,894	15,117	15,851	15,249	13,552	13,424
United Kingdom	31,298	30,565	32,072	36,240	36,575	40,637	42,756	45,612	40,922	43,784	46,990	44,787	48,598	52,280	51,380	48,662
Other Europe																
Norway	1,114	1,214	1,592	1,617	1,774	2,039	2,330	2,662	1,890	1,999	2,154	2,261	2,159	2,121	2,020	2,366
Russia	2,924	3,881	4,940	6,947	8,447	10,301	13,932	16,220	11,795	14,352	17,814	18,435	20,710	19,501	11,277	11,658
Switzerland	15,720	18,623	22,603	26,432	28,549	31,392	35,730	42,326	39,273	42,579	52,095	51,115	53,013	53,573	49,370	48,972
Turkey	1,932	1,084	1,383	1,636	2,450	2,506	3,118	3,963	3,704	4,007	4,054	3,503	3,443	3,964	4,161	4,480
Ukraine	360	427	549	638	796	981	1,228	1,441	973	1,426	1,732	1,828	2,466	1,640	462	480
Middle East																
Bahrain	16	16	18	19	26	35	44	56	45	52	60	63	67	69	58	55
Iran	302	441	588	734	713	800	1,032	1,241	1,797	1,923	2,939	2,204	1,663	1,821	1,731	1,929
Israel	7,816	7,073	7,200	7,922	8,143	8,488	9,606	10,121	10,253	11,254	11,379	13,153	13,417	13,729	12,321	11,837
Jordan	155	191	197	219	255	305	377	552	552	529	540	607	645	649	614	643
Kuwait	77	128	160	216	243	186	260	355	349	427	538	586	571	549	408	397
Oman	16	16	18	20	24	26	66	54	68	87	159	101	104	97	79	76
Qatar	193	244	291	378	595	712	598	642	221	1,173	1,641	2,020	2,077	2,182	2,015	2,031



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Saudi Arabia	1,224	1,288	1,558	1,705	2,014	2,295	3,031	3,158	3,356	4,231	4,714	5,040	5,047	5,585	4,456	4,015
United Arab Emirates	197	205	218	244	275	307	334	389	334	360	420	460	480	489	433	434
Africa																
Cameroon	2	4	5	6	7	7	8	13	13	13	15	15	17	18	16	18
Egypt	414	384	315	413	480	528	655	828	911	1,086	1,059	1,019	968	1,296	1,799	1,407
Ghana	50	58	71	80	95	112	120	122	99	116	144	131	137	119	95	103
Kenya	61	63	79	92	96	82	96	104	105	99	112	126	132	140	141	154
Morocco	443	504	593	665	864	913	951	957	990	1,089	1,259	1,221	1,376	1,504	1,330	1,277
Nigeria	309	416	450	526	664	852	975	1,168	1,123	1,349	1,622	1,896	2,387	2,769	2,428	1,956
Senegal	10	9	10	14	14	16	17	18	21	23	25	27	19	21	28	32
South Africa	536	537	753	963	1,005	1,008	1,086	1,072	1,148	1,322	1,348	1,375	1,325	1,278	1,310	1,286
Tunisia	70	66	82	89	104	110	132	176	174	222	203	203	212	215	181	171
Asia																
Bangladesh	438	513	568	614	686	709	745	845	1,074	1,150	1,168	1,189	1,360	1,814	2,845	3,385
China	49,676	55,747	69,183	79,611	90,395	109,940	129,711	158,203	158,850	193,680	225,865	262,113	299,892	335,626	362,846	380,449
India	4,364	4,828	5,543	6,578	7,812	8,629	11,124	11,738	11,456	12,535	16,906	14,529	14,458	13,405	13,448	14,459
Indonesia	1,597	2,779	3,240	2,836	3,030	3,584	5,122	6,289	6,006	6,692	5,858	3,802	4,319	4,333	4,284	4,586
Japan	144,000	121,552	133,128	138,593	135,976	139,610	136,107	148,449	129,319	162,346	102,703	147,536	114,743	103,693	86,007	101,664
Malaysia	6,744	6,473	7,718	9,025	8,391	9,173	10,725	10,198	7,058	9,148	10,972	12,750	14,909	15,703	13,683	13,694



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Pakistan	451	495	666	945	1,127	868	1,008	1,160	936	1,153	1,534	1,603	1,628	1,790	1,817	2,018
Philippines	2,153	2,392	2,091	2,447	2,673	3,195	4,424	3,221	3,787	3,799	4,088	4,530	5,423	6,211	6,783	6,896
Singapore	9,917	11,248	11,993	14,850	16,623	20,255	21,318	18,139	17,598	23,337	25,327	27,910	24,774	24,578	19,771	21,407
South Korea	23,261	26,898	30,299	38,921	43,436	48,977	52,314	45,436	41,098	57,219	60,252	62,224	75,112	74,710	71,529	68,755
Sri Lanka	72	83	95	105	135	727	393	236	241	252	318	323	398	434	433	435
Taiwan	21,246	26,551	32,208	37,008	40,074	46,418	48,778	51,670	45,627	56,074	61,041	63,501	68,279	78,544	75,996	72,894
Thailand	1,905	3,113	3,758	3,860	4,037	4,753	5,895	6,525	6,335	8,447	7,224	6,385	6,498	6,941	5,737	5,670
Vietnam	369	392	413	511	551	727	922	1,046	1,466	2,015	3,296	5,154	6,075	6,846	7,189	7,861
Australia and Oceania																
Australia	2,255	2,691	3,435	4,020	4,690	4,929	5,742	6,007	4,995	6,516	8,026	9,860	7,508	6,881	5,493	5,578
New Zealand	206	233	298	352	408	382	517	449	367	513	559	567	573	589	491	501

EU = European Union; HT = high technology.

Note(s)

Value added is the amount contributed by a country, firm, or other entity to the value of a good or service and excludes purchases of domestic and imported materials and inputs. HT manufacturing industries include aerospace, communications and semiconductors, computers and office machinery, pharmaceuticals, and scientific instruments and measuring equipment formerly classified by the Organisation for Economic Co-operation and Development. Data are not available for EU members Cyprus, Estonia, Latvia, Lithuania, Luxembourg, Malta, and Slovenia. China includes Hong Kong. Detail may not add to total because of rounding or minor discrepancies. See Appendix Table 6-1 for a full list of countries/economies in each region.

Source(s)

IHS Global Insight, World Industry Service database, accessed 17 July 2017.

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