

Appendix table 6-15

Value added of semiconductor industry, by region/country/economy: 1997–2012

(Millions of current dollars)

Region/country/economy	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
World	171,345	162,429	182,899	219,185	159,567	165,778	191,324	229,706	246,043	270,284	291,730	303,883	270,497	337,594	348,575	325,779
North America																
Canada	2,726	2,657	3,705	3,975	2,284	1,953	2,374	2,785	3,141	3,282	3,495	3,626	2,919	3,328	3,610	3,126
Mexico	1,669	2,043	2,494	3,019	3,113	2,612	2,477	2,455	2,699	3,041	3,337	3,355	2,616	3,107	3,505	2,996
United States	46,204	47,046	47,054	56,454	37,017	41,198	43,929	50,379	58,682	59,834	60,175	63,382	59,532	80,435	81,264	79,117
Central and South America																
Argentina	22	16	16	18	7	4	5	8	10	12	13	14	13	16	21	19
Bolivia	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1
Brazil	1,009	760	560	658	528	495	380	523	504	935	1,141	1,688	1,204	1,433	1,585	1,068
Chile	1	2	1	3	1	2	2	2	0	2	2	3	2	3	3	3
Colombia	2	2	2	2	2	2	2	2	2	3	3	4	4	4	5	4
Costa Rica	17	13	11	10	11	10	11	13	14	16	19	21	19	22	26	24
Ecuador	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Jamaica	3	3	3	3	3	3	3	4	4	4	4	5	4	5	5	4
Panama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peru	0	0	0	0	0	0	0	1	1	1	1	2	1	2	2	2
Uruguay	5	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0
Venezuela	69	111	105	130	131	90	83	111	136	162	200	285	291	190	252	249
Europe																
EU	29,917	31,014	32,964	33,249	27,449	27,728	31,845	38,090	37,486	40,151	46,474	45,018	37,410	35,651	35,653	27,257
Austria	1,133	1,218	1,208	1,212	1,210	1,164	1,308	1,545	1,586	1,790	1,335	1,433	1,184	1,370	1,332	1,094
Belgium	904	798	847	864	712	709	830	851	847	892	944	908	750	819	905	719
Bulgaria	5	5	4	5	8	5	12	13	18	21	36	32	24	26	33	28
Czech Republic	146	176	190	197	207	269	343	393	475	600	665	765	484	455	471	332
Denmark	410	416	462	373	357	439	414	389	396	424	581	520	446	381	400	328
Finland	1,551	2,203	2,642	2,963	2,509	3,113	3,680	3,853	3,924	4,301	5,511	5,054	2,323	2,175	1,497	1,223
France	4,389	4,577	4,644	4,908	4,099	4,259	4,351	4,979	4,604	4,466	4,812	4,893	5,275	3,763	4,596	3,231
Germany	6,292	6,501	7,045	7,227	5,480	6,138	8,112	10,043	9,556	10,454	13,649	12,309	9,655	10,201	12,223	9,532
Greece	77	112	125	144	203	238	253	164	179	194	234	267	154	147	191	140
Hungary	180	200	243	295	353	435	680	956	1,095	1,099	1,034	1,189	1,047	948	1,061	764
Ireland	752	756	1,402	1,310	1,250	995	987	1,177	1,097	1,586	1,384	1,408	1,259	856	720	583
Italy	3,836	3,588	3,271	3,268	3,354	3,355	4,440	5,072	5,130	5,159	5,869	6,055	5,569	5,997	3,249	2,084
Netherlands	846	830	962	1,248	693	454	527	593	641	510	589	532	486	485	551	448
Poland	316	357	382	286	360	308	319	325	394	473	507	624	471	564	641	505
Portugal	247	222	238	222	220	173	206	227	238	225	269	294	237	232	250	195
Romania	61	69	51	48	45	51	49	63	49	56	89	102	63	58	51	45
Slovakia	42	46	13	52	52	56	88	96	129	266	302	660	448	420	476	379
Spain	1,081	1,073	1,031	955	943	783	897	956	984	1,116	1,384	1,509	1,118	1,171	830	400
Sweden	1,827	1,911	1,888	1,477	799	1,012	840	2,423	2,340	2,546	2,669	2,859	3,713	2,884	3,204	2,656
United Kingdom	5,821	5,955	6,316	6,194	4,595	3,772	3,508	3,971	3,803	3,972	4,611	3,604	2,706	2,699	2,972	2,569

Appendix table 6-15

Value added of semiconductor industry, by region/country/economy: 1997–2012

(Millions of current dollars)

Region/country/economy	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Other Europe																
Norway	221	215	269	263	217	217	234	257	309	336	440	478	455	463	553	476
Russia	190	109	67	196	205	339	491	601	658	799	1,083	1,144	845	1,013	1,337	1,459
Switzerland	873	879	879	799	869	940	1,087	1,219	1,224	1,269	1,395	1,641	1,378	1,520	1,689	1,490
Ukraine	16	13	10	21	35	37	32	56	55	62	81	104	54	63	77	68
Middle East																
Bahrain	10	8	9	9	10	10	11	12	16	22	28	36	29	38	45	40
Iran	4	3	2	3	4	8	16	13	11	12	12	14	14	16	19	14
Israel	661	696	845	2,226	1,454	896	1,063	913	994	1,216	1,319	1,408	1,781	1,931	1,838	1,993
Jordan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kuwait	9	11	11	10	13	17	22	29	31	45	57	56	49	58	84	74
Qatar	1	1	0	1	1	2	3	0	3	3	4	6	5	7	10	9
Saudi Arabia	37	35	37	41	42	44	49	54	62	69	79	89	89	110	142	125
Turkey	21	31	22	24	17	6	22	34	60	46	24	93	46	28	28	24
United Arab Emirates	2	2	2	3	6	6	6	7	8	9	10	12	10	10	12	11
Africa																
Cameroon	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1
Egypt	3	4	4	3	3	29	15	2	11	5	6	8	8	10	11	10
Kenya	15	15	19	14	14	15	18	22	25	26	25	29	27	28	30	30
Morocco	23	24	30	52	32	31	42	51	54	51	45	42	41	36	35	29
Nigeria	3	3	1	1	1	1	1	1	1	1	1	2	1	1	2	2
Senegal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Africa	16	17	14	16	12	13	19	25	27	26	26	22	21	20	21	18
Tunisia	43	49	55	57	71	77	100	108	111	124	148	184	176	202	213	181
Zimbabwe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asia																
Bangladesh	10	19	13	14	13	13	14	15	16	18	20	23	27	31	36	31
China	8,424	7,687	9,058	11,903	12,983	12,029	13,426	19,888	26,005	34,891	44,226	55,877	57,110	75,702	95,985	110,205
India	274	289	257	351	378	398	425	420	555	642	817	832	904	1,070	1,156	984
Indonesia	801	180	425	1,205	508	1,032	1,045	1,178	893	1,181	1,756	1,846	1,796	2,152	2,253	2,282
Japan	52,117	44,798	52,540	62,722	40,801	38,561	48,070	54,257	52,311	53,331	54,581	54,877	42,206	48,889	41,022	27,507
Malaysia	5,225	4,126	5,307	4,962	4,279	3,903	4,563	4,426	3,596	4,249	4,510	5,465	4,621	6,037	5,478	5,021
Pakistan	9	9	8	5	5	5	7	9	10	2	2	2	2	2	3	2
Philippines	1,042	1,211	1,310	1,455	1,105	1,331	825	968	880	941	946	1,021	843	1,063	998	898
Singapore	3,624	2,392	2,971	5,868	3,494	3,468	4,053	5,353	5,492	6,978	7,458	6,597	6,242	8,677	8,451	5,959
South Korea	6,739	6,367	9,292	12,085	9,281	11,142	13,053	18,817	20,472	23,007	24,334	21,287	19,212	29,398	27,776	23,691
Sri Lanka	4	7	10	8	8	9	10	12	15	3	2	1	1	2	2	2
Taiwan	8,239	8,755	11,664	16,424	12,304	15,671	19,812	24,645	27,299	32,288	32,019	31,783	27,163	33,051	31,543	27,894
Thailand	688	510	533	667	625	1,141	1,327	1,484	1,634	648	772	875	733	1,060	943	632
Vietnam	26	29	33	10	13	15	19	25	31	39	47	56	57	64	72	71

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Value added of semiconductor industry, by region/country/economy: 1997–2012

(Millions of current dollars)

Region/country/economy	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Australia/Oceania																
Australia	259	212	225	191	162	215	251	336	385	407	483	464	457	556	668	581
New Zealand	69	53	56	52	55	59	79	96	106	96	105	102	77	87	108	94

EU = European Union.

NOTES: 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. 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: IHS Global Insight, special tabulations (2013) of the World Industry Service database.

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