

Appendix table 4-26

R&D performed abroad by majority-owned foreign affiliates of U.S. parent companies, by region/country/economy: 1997–2010

(Millions of current U.S. dollars)

Region/country/economy	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	14,593	14,664	18,144	20,457	19,702	21,063	22,793	25,840	27,653	29,583	34,446	41,699	39,205	39,470
Canada	1,823	1,750	1,681	2,332	2,131	2,274	2,444	2,729	2,433	2,439	2,712	3,194	2,920	2,749
Europe	10,003	10,387	12,217	12,870	12,060	13,453	14,890	16,874	18,805	19,326	22,730	26,503	25,044	24,406
Austria	77	85	82	D	62	52	34	131	191	313	459	488	296	277
Belgium	310	320	375	412	407	502	463	373	920	961	1,191	1,199	2,378	2,116
Czech Republic	NA	NA	6	18	3	11	18	19	65	71	59	86	81	68
Denmark	D	D	57	65	D	D	60	147	140	148	145	292	185	196
Finland	51	61	59	78	77	72	102	118	187	113	169	196	145	221
France	1,281	1,328	1,452	1,465	1,411	1,690	1,777	1,821	2,248	1,518	1,557	2,392	1,943	1,984
Germany	2,940	3,022	3,377	3,115	3,280	3,598	3,907	4,184	4,609	4,947	6,403	8,139	7,528	6,713
Greece	7	7	6	11	12	15	16	8	29	41	36	37	32	27
Hungary	NA	NA	13	35	17	19	15	38	31	36	39	49	45	65
Ireland	320	363	251	465	537	D	583	815	820	1,074	1,510	1,137	1,046	1,431
Italy	569	584	504	592	541	548	625	707	580	702	619	682	788	589
Luxembourg	D	D	D	D	D	D	91	D	D	268	304	D	D	D
Netherlands	480	384	374	369	475	419	513	442	392	536	752	1,495	1,022	1,290
Norway	23	18	26	19	38	35	21	32	100	41	46	51	53	137
Poland	NA	NA	34	22	13	29	37	D	54	74	73	109	140	136
Portugal	30	34	14	20	19	29	21	9	16	23	80	43	36	56
Russia	NA	NA	1	1	*	2	1	17	28	82	100	117	68	65
Spain	181	184	D	213	181	209	290	344	257	278	355	604	570	607
Sweden	405	445	1,036	1,341	813	1,317	1,398	1,451	1,652	1,524	1,584	1,654	1,133	520
Switzerland	230	223	231	286	392	392	523	760	878	947	1,162	1,143	1,436	1,558
Turkey	6	6	6	9	11	13	17	15	27	36	54	61	39	53
United Kingdom	2,843	3,065	4,000	4,111	3,642	3,856	4,368	5,361	5,406	5,551	6,000	6,173	5,792	5,905
Other	54	81	1	7	7	9	8	16	D	41	35	D	D	D
Latin America and OWH	663	748	613	663	562	785	680	726	841	1,046	1,169	1,457	1,465	1,949
South America	523	547	366	335	288	389	370	405	453	636	776	976	1,144	1,571
Argentina	43	56	26	38	43	24	22	25	21	31	64	87	92	115
Brazil	437	446	288	253	199	305	316	350	405	574	607	784	955	1,372
Chile	7	6	4	11	8	6	9	11	7	7	48	D	20	22
Colombia	12	11	6	10	11	10	7	5	6	7	16	18	26	26
Ecuador	1	1	*	*	*	*	*	*	1	*	3	4	1	1
Peru	11	11	2	2	2	2	2	2	4	3	D	33	22	7
Venezuela	11	14	40	22	24	42	12	12	7	12	20	19	25	24
Other	1	2	*	*	2	1	1	1	0	D	D	D	3	4
Central America	131	198	240	321	252	287	D	320	D	D	D	363	314	366
Costa Rica	4	6	2	D	4	7	6	8	9	8	7	D	8	20
Honduras	*	0	0	0	0	0	0	1	0	0	0	4	D	3
Mexico	126	191	238	303	248	280	D	D	D	D	303	329	281	338
Panama	1	1	*	*	*	*	*	*	*	*	D	1	2	2

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(Millions of current U.S. dollars)

Region/country/economy	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Other	*	*	*	D	*	*	*	D	*	*	D	D	D	2
OWH	8	4	6	6	22	108	D	1	D	D	D	118	8	13
Barbados	0	0	*	*	0	D	D	0	0	0	*	*	*	*
Bermuda	*	*	1	1	2	2	0	0	0	2	D	D	5	9
Dominican Republic	0	*	1	1	1	D	1	*	*	*	*	1	2	2
United Kingdom Islands, Caribbean	8	3	4	4	D	D	D	0	D	D	*	1	1	1
Other	0	0	0	*	D	2	1	1	D	D	8	D	1	1
Africa	26	35	18	25	29	29	31	28	40	67	59	57	94	88
Egypt	1	2	3	3	4	5	4	2	4	4	3	5	6	6
Nigeria	*	*	0	1	*	*	0	*	0	2	3	4	*	2
South Africa	22	30	14	21	24	D	24	23	31	53	47	43	83	74
Other	2	3	1	*	1	D	3	2	4	7	5	6	5	6
Middle East	208	141	389	630	726	736	687	875	770	840	1,027	1,993	1,856	1,965
Israel	208	141	389	630	726	736	687	872	767	839	1,025	1,988	1,845	1,948
Saudi Arabia	*	*	*	*	*	0	0	*	*	*	*	*	*	1
United Arab Emirates	*	*	0	0	0	0	*	2	3	1	2	5	11	15
Other	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Asia and Pacific	1,869	1,603	3,226	3,936	4,194	3,786	4,062	4,608	4,764	5,864	6,750	8,494	7,826	8,313
Australia	369	290	294	349	286	310	420	474	556	718	1,072	940	751	767
China	35	52	319	506	D	645	565	575	668	759	1,173	1,671	1,579	1,452
Hong Kong	82	66	214	D	289	D	227	213	98	108	93	102	70	153
India	22	23	20	D	D	75	81	113	327	337	382	1,342	1,377	1,644
Indonesia	5	4	1	2	3	3	4	5	4	11	13	15	23	28
Japan	1,089	962	1,523	1,630	1,507	1,541	1,649	1,627	1,717	1,862	1,919	2,001	1,835	1,885
Malaysia	32	30	161	218	D	D	251	161	201	252	390	395	376	376
New Zealand	18	15	9	8	10	6	9	25	35	38	30	27	21	21
Philippines	12	10	31	40	48	50	52	44	27	22	45	56	51	55
Singapore	73	62	426	551	755	398	514	704	576	845	549	736	706	753
South Korea	41	29	101	143	157	169	202	277	456	742	928	980	746	835
Taiwan	84	55	122	143	139	69	64	365	68	123	97	128	196	235
Thailand	5	4	7	13	18	19	24	24	31	47	54	96	93	106
Other	1	1	*	*	*	1	*	*	*	1	3	4	2	2

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Addenda:														
European Union ^a	9,691	10,058	11,900	12,472	11,578	12,941	14,249	16,048	17,768	18,209	21,365	25,130	23,435	22,579
OPEC	18	19	42	25	27	45	17	20	14	26	38	48	37	45

* = ≤ \$500,000; D = suppressed to avoid disclosure of confidential information; NA = not available.

OPEC = Organization of the Petroleum Exporting Countries; OWH = other Western Hemisphere.

^aReflects the country composition of the European Union for the given year.

NOTES: Data for 2010 are preliminary estimates. Data are for majority-owned (> 50%) foreign affiliates of U.S. parent companies. Data include R&D expenditures performed by affiliates, whether for themselves or for others under contract. Data exclude R&D expenditures by others for affiliates under contract. Detail may not add to total due to rounding.

SOURCE: Bureau of Economic Analysis, Survey of U.S. Direct Investment Abroad (annual series), <http://www.bea.gov/international/index.htm#omc>, accessed 26 January 2013.

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