

Appendix table 4-43

**R&D expenditures by majority-owned affiliates of foreign companies in United States, by country/region of ultimate beneficial owner: 1980 and 1987–2004**

(Millions of current U.S. dollars)

R&D expenditure	1980	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
All countries.....	1,517	4,497	5,485	6,720	8,511	9,127	10,745	11,262	12,671	14,846	15,641	17,216	22,375	24,027	26,180	26,463	27,507	29,803	29,900
Canada.....	113	D	D	D	D	D	D	D	D	1,337	1,452	1,668	2,352	2,385	3,693	2,136	1,599	1,380	1,458
Europe.....	1,217	3,458	4,241	5,414	6,762	7,275	8,325	8,628	9,487	11,442	11,535	12,327	16,425	18,055	18,634	19,973	20,532	22,518	22,648
France.....	39	332	402	510	766	913	1,230	1,190	1,383	1,529	1,680	1,783	1,881	2,434	2,596	2,662	2,860	3,777	3,738
Germany.....	281	824	963	1,216	1,435	1,596	1,855	2,003	2,147	3,563	2,747	2,923	5,381	6,135	5,603	5,686	5,863	5,976	5,929
Italy.....	D	D	73	93	151	143	91	132	157	172	D	D	D	294	D	D	261	225	221
Netherlands.....	D	540	615	690	757	642	685	674	719	786	937	990	964	1,296	1,421	1,660	1,696	1,612	1,316
Sweden.....	D	124	160	205	271	225	322	180	263	D	D	687	713	428	373	465	270	261	271
Switzerland.....	329	D	D	1,060	1,455	1,637	1,873	2,117	2,127	2,490	2,699	2,369	3,076	3,008	2,922	3,107	2,920	3,791	4,004
United Kingdom.....	247	790	1,085	1,568	1,809	1,987	2,090	2,139	2,428	2,316	2,575	2,984	3,720	3,678	4,632	4,819	5,427	5,723	5,924
Asia/Pacific.....	D	179	345	412	796	834	1,080	1,232	1,397	1,611	2,116	2,642	2,961	2,820	2,864	2,946	3,413	3,763	3,725
Japan.....	D	133	282	369	709	741	938	1,112	1,200	1,259	1,531	2,036	2,584	2,535	2,644	2,719	3,159	3,470	3,413
Latin America/OWH.....	155	329	302	352	314	330	534	D	610	317	364	373	396	564	735	1,126	1,066	D	D
Middle East.....	2	14	9	10	9	9	20	38	62	72	100	103	132	D	D	177	175	D	D
Africa.....	D	D	D	D	D	D	4	5	2	D	D	D	D	D	D	36	33	31	36

D = suppressed to avoid disclosure of confidential information

OWH = other Western Hemisphere

NOTES: Preliminary estimates for 2004. Data for majority-owned (>50%) nonbank U.S. affiliates of foreign parent companies. Data for 1980 and 1987–96 for R&D funded by affiliates; 1997 to latest data for R&D performed by affiliates. Manufacturing data exclude petroleum manufacturing before 1997. Total R&D funded based on R&D spending according to funding source. Total R&D performed refers to R&D expenditures according to who conducts R&D activity, whether for performer or for others under contract, and excludes R&D expenditures conducted by others under contract. Ultimate beneficial owner is person proceeding up U.S. affiliate's ownership chain beginning with and including foreign parent not owned >50% by another person.

SOURCE: Bureau of Economic Analysis, Survey of Foreign Direct Investment in the United States (annual series), <http://www.bea.gov/bea/di/di1fdiop.htm>, accessed 20 April 2007.

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