

Appendix table 4-55

**Company and other non-Federal funds for industrial R&D performed abroad, by NAICS industry: 1999–2001**

(Millions of current U.S. dollars)

Industry/sector	NAICS code	1999	2000	2001
Total .....	na	16,765	17,463	17,869
Manufacturing .....	31–33	12,354	12,252	10,998
Food .....	311	87	95	210
Petroleum and coal products .....	324	D	9	D
Chemicals .....	325	3,243	3,578	2,328
Pharmaceuticals and medicines .....	3254	2,832	3,030	1,720
Other chemicals .....	na	411	548	608
Plastics and rubber products .....	326	172	168	181
Nonmetallic mineral products .....	327	40	40	15
Primary metals .....	331	7	D	12
Fabricated metal products .....	332	75	65	61
Machinery .....	333	707	736	527
Computer and electronic products .....	334	1,902	1,705	2,562
Computers and peripheral equipment .....	3341	289	D	478
Communications equipment .....	3342	D	377	633
Semiconductors and other electronic components .....	3344	302	327	852
Navigation, measuring, electromedical, and control instruments .....	3345	1,112	679	586
Electrical equipment, appliances, and components .....	335	433	455	418
Transportation equipment .....	336	3,933	3,640	2,832
Information .....	51	1,379	1,564	1,672
Professional, scientific, and technical services .....	54	523	904	881
Architectural, engineering, and related services .....	5413	D	371	78
Computer systems design and related services .....	5415	146	D	302
Scientific R&D services .....	5417	287	292	488
Other professional, scientific, and technical services .....	na	D	D	12

D data withheld to avoid disclosing operations of individual companies

NAICS North American Industry Classification System

na not applicable

NOTES: Data are for industrial R&D performed outside the United States by a company's foreign subsidiaries or other organizations funded from all sources except the Federal Government. Starting with the 1999 survey, estimates are based on NAICS. In prior years, estimates were based on the Standard Industrial Classification System.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Industrial Research and Development, annual series, <http://www.nsf.gov/sbe/srs/indus/start.htm>.