

Appendix table 4-51

**R&D expenditures contracted out in United States, by selected NAICS industry: 1999–2005**

(Millions of dollars)

Industry	NAICS code	1999	2000	2001	2002	2003	2004	2005
All industries.....	21–23, 31–33, 42, 44–81	9,240	NA	8,723	7,846	10,236	12,385	11,742
Manufacturing.....	31–33	4,080	4,794	3,957	4,428	5,212	8,642	8,926
Chemicals.....	325	2,386	2,783	2,065	2,485	2,838	4,909	4,918
Pharmaceuticals and medicines.....	3254	2,274	2,658	1,899	2,368	2,716	4,656	4,587
Computer and electronic products.....	334	101	168	565	411	409	1,205	1,209
Computers and peripheral equipment.....	3341	24	44	118	83	76	140	169
Communications equipment.....	3342	D	D	80	19	72	264	137
Semiconductor and other electronic components.....	3344	33	D	86	41	123	260	235
Navigational, measuring, electromedical, and control instruments.....	3345	12	31	278	264	130	530	655
Electrical equipment, appliances, and components.....	335	D	84	60 i	35	39	49	37
Transportation equipment.....	336	812	771	708	799	1,135	1,436	1,629
Motor vehicles, trailers, and parts.....	3361–63	D	D	657	617	946	1,085	1,159
Aerospace products and parts.....	3364	80	D	D	178	182	340	450
Selected nonmanufacturing industries								
Information.....	51	504	597	577	363	813	1,427	558
Publishing.....	511	D	161	187	113	410	D	211
Software.....	5112	181	157	177	102	395	195	178
Professional, scientific, and technical services.....	54	957	1,200	1,676	1,113	1,828	1,347	1,437
Computer systems design and related services.....	5415	51	119	233	86	153	151	269
Scientific R&D services.....	5417	832	907	1,310	890	1,533	1,031	1,077

NA = not available; D = suppressed to avoid disclosure of confidential information; i = imputation of &gt;50%

NAICS = North American Industry Classification System

NOTE: Company and other nonfederal funds for industrial R&amp;D performance in United States.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Industrial Research and Development (annual series), <http://www.nsf.gov/statistics/srvyindustry/>, accessed 18 April 2007.*Science and Engineering Indicators 2008*