

Table 792. Research and Development (R&D) Funds in R&D-Performing Manufacturing and Nonmanufacturing Companies by Industry: 2002 to 2004

Industry	NAICS ¹ code	Total R&D funds as a percent of net sales			Company R&D funds as a percent of net sales		
		2002	2003	2004	2002	2003	2004
All industries, total	(X)	3.9	3.5	3.7	3.6	3.2	3.4
All manufacturing industries, total	(X)	3.7	3.5	3.8	3.3	3.1	3.4
Food	311	(D)	(D)	0.6	0.6	0.6	0.6
Paper, printing, and support activities	322, 326	(D)	(D)	(D)	1.3	1.1	1.5
Petroleum and coal products	324	(D)	(D)	0.4	0.4	0.3	0.4
Chemicals	325	6.0	5.7	(D)	5.9	5.6	6.6
Plastic and rubber products	326	(D)	2.1	(D)	1.8	2.1	1.6
Nonmetallic mineral products	327	(D)	1.0	1.8	1.2	1.0	1.8
Primary metals	331	0.7	0.7	0.7	0.7	0.7	0.7
Fabricated metal products	332	1.5	1.6	1.5	1.4	1.5	1.4
Machinery	333	4.4	4.2	3.7	4.3	4.2	3.6
Navigational, measuring, electromedical, and control instruments	3345	8.7	12.9	13.8	5.4	7.2	7.1
Electrical equipment, appliances, and components	335	2.8	2.2	2.8	2.7	2.2	2.7
Motor vehicles, trailers, and parts	3361-3363	(D)	(D)	2.4	3.1	2.4	2.4
Aerospace products and parts	3364	4.1	6.8	5.7	2.3	3.5	4.0
All nonmanufacturing industries, total	(X)	4.4	3.6	3.5	4.1	3.3	3.2
Transportation and warehousing services	48, 49	(D)	0.4	(D)	0.5	0.4	0.5
Software publishing	5112	21.5	(D)	(D)	21.4	23.4	23.3
Architectural, engineering, and related services	5413	7.8	12.3	12.2	5.3	7.8	6.6
Computer systems design and related services	5415	16.5	11.1	12.1	14.3	9.8	11.7
Scientific R&D services	5417	21.3	19.4	35.8	17.6	16.5	29.6
Management of companies and enterprises	55	7.6	4.1	(NA)	7.6	4.1	(NA)

D Figure withheld to avoid disclosure of information pertaining to a specific organization or individual. NA Not available. X Not applicable. ¹ North American Industry Classification System 1997 (NAICS); see text, Section 15.

Source: U.S. National Science Foundation, *Research and Development in Industry*, annual. See also <<http://www.nsf.gov/statistics/pubseri.cfm?TopID=2&SubID=5&SerID=26>>.