

Table 799. Research and Development (R&D) Funds in R&D-Performing Manufacturing and Nonmanufacturing Companies by Industry: 2005 to 2007

Industry	NAICS ¹ code	Total R&D funds as a percent of net sales			Company R&D funds as a percent of net sales		
		2005	2006	2007	2005	2006	2007
All industries, total	(X)	3.7	3.7	3.8	3.3	3.4	3.5
All manufacturing industries, total	(X)	4.0	4.0	4.1	3.6	3.6	3.7
Food	311	0.7	0.7	(D)	0.7	0.7	0.7
Paper, printing, and support activities	322, 323	(D)	(D)	(D)	1.5	1.2	1.3
Petroleum and coal products	324	(D)	0.3	(D)	0.4	0.3	0.3
Chemicals	325	6.9	7.6	(D)	6.9	7.5	7.9
Plastic and rubber products	326	2.0	2.0	(D)	1.9	1.9	1.5
Nonmetallic mineral products	327	1.8	2.1	1.8	1.8	1.9	1.8
Primary metals	331	0.6	0.5	0.6	0.5	0.5	0.6
Fabricated metal products	332	0.8	1.4	1.7	0.8	1.4	1.6
Machinery	333	3.7	3.6	3.7	3.6	3.6	3.7
Navigational, measuring, electromedical, and control instruments	3345	12.8	13.1	10.2	7.0	7.5	6.1
Electrical equipment, appliances, and components	335	2.4	2.6	3.1	2.3	2.5	3.0
Transportation equipment	336	(D)	(D)	(D)	3.0	2.9	3.1
Motor vehicles, trailers, and parts	3361-3363	(D)	(D)	(D)	2.5	2.4	2.4
Aerospace products and parts	3364	6.6	6.7	7.0	4.8	4.9	5.1
All nonmanufacturing industries, total	(X)	3.2	3.2	3.4	2.9	2.9	3.0
Information	51	5.4	5.3	(D)	5.3	5.2	5.1
Internet service and data processing providers	518	9.1	9.6	(D)	8.7	9.4	9.6
Software publishing	5112	21.9	(D)	(D)	21.9	19.9	19.6
Professional, scientific, and technical services	54	12.2	9.5	11.7	10.0	7.6	9.5
Architectural, engineering, and related services	5413	9.4	14.4	12.0	4.9	10.7	8.1
Computer systems design and related services	5415	10.0	5.3	7.0	9.6	4.9	6.6
Scientific R&D services	5417	35.6	35.1	42.0	27.4	24.2	30.0

D Figure withheld to avoid disclosure of information pertaining to a specific organization or individual. 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 <www.nsf.gov/statistics/>.

Table 800. Funds for Performance of Industrial Research and Development (R&D) by Source of Funds and Selected Industries: 2004 to 2007

[In millions of dollars (208,301 represents \$208,301,000,000). For calendar years. Covers basic research, applied research, and development. Based on the Survey of Industry Research and Development.]

Industry	NAICS ¹ code	2004				2005				2006				2007			
		CURRENT DOLLARS				CONSTANT (2000) DOLLARS ³											
Total funds ²	(X)	208,301	226,159	247,669	269,267	190,351	200,088	212,271	224,732								
Company and other funds	(X)	188,035	204,250	223,365	242,682	171,831	180,704	191,440	202,544								
Federal funds	(X)	20,266	21,909	24,304	26,585	18,520	19,383	20,830	22,188								
Petroleum and coal products	324	1,603	(D)	1,432	(D)	1,465	(D)	1,227	(D)								
Chemicals and allied products	325	(D)	42,995	46,329	(D)	(D)	38,039	39,707	(D)								
Pharmaceuticals and medicines	3254	31,477	34,839	38,901	(D)	28,765	30,823	33,341	(D)								
Machinery	333	6,579	8,531	9,848	9,865	6,012	7,548	8,440	8,233								
Computer and electronic products	334	48,296	(D)	56,773	58,599	44,134	(D)	48,659	48,907								
Navigational, measuring, electromedical, and control instruments	3345	15,214	15,204	18,300	20,438	13,903	13,451	15,684	17,058								
Electrical equipment, appliances, and components	335	2,664	2,424	2,281	(D)	2,434	2,145	1,955	(D)								
Motor vehicles, trailers, and parts	3361-3363	15,677	(D)	(D)	(D)	14,326	(D)	(D)	(D)								
Aerospace products and parts	3364	13,086	15,055	16,367	18,436	11,958	13,319	14,028	15,387								
Information	51	22,593	23,836	26,883	(D)	20,646	21,088	23,041	(D)								
Professional, scientific, and technical services	54	28,709	32,021	38,049	40,533	26,235	28,330	32,611	33,829								
Computer systems design and related services	5415	11,575	13,592	14,841	14,407	10,578	12,025	12,720	12,024								
Scientific R&D services	5417	11,355	12,299	14,525	16,849	10,376	10,881	12,449	14,062								

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¹ 1997 North American Industry Classification System; see text, Section 15. ² Includes other industries not shown separately.

³ Based on gross domestic product implicit price deflator.

Source: U.S. National Science Foundation, *Research and Development in Industry*, annual. See also <www.nsf.gov/statistics/>.