

TABLE 11. Company and other nonfederal funds for and companies performing R&D in the United States, by industry and company size, by nonfederally funded R&D program size: 2006
(Amount in millions of dollars)

Industry and company size	NAICS codes	R&D program size											
		All companies		Less than \$200,000		\$200,000–\$999,999		\$1 million–\$9.9 million		\$10 million–\$99.9 million		\$100 million or more	
		Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount
All industries	21–23, 31–33, 42, 44–81	43,015	223,365	21,053	1,172	12,284	5,511	7,938	23,334	1,465	42,441	275	150,907
Manufacturing industries	31–33	18,324	155,230	9,165	532	4,894	2,334	3,239	9,394	822	25,822	205	117,147
Food	311	724	2,716	397	23	186	95	110	297	26	1,029	6	1,272
Beverage and tobacco products	312	39	547	20	1	4	2	9	D	5	110	1	D
Textiles, apparel, and leather	313–16	402	583	252	8	96	42	43	D	10	186	1	D
Wood products	321	244	192	192	8	29	13	20	58	3	113	0	0
Paper, printing, and support activities	322, 323	573	2,793	285	15	197	81	74	213	12	381	4	2,103
Petroleum and coal products	324	105	1,431	61	4	29	D	9	D	3	120	3	1,268
Chemicals	325	1,915	46,119	822	44	544	264	316	990	169	6,062	63	38,759
Basic chemicals	3251	269	2,054	95	6	67	37	71	D	30	971	6	D
Resin, synthetic rubber, fibers, and filament	3252	151	1,963	72	6	42	22	25	D	11	277	2	D
Pharmaceuticals and medicines	3254	480	38,813	105	7	131	69	97	373	97	3,452	51	34,912
Other chemicals	other 325	1,014	3,288	551	26	304	136	123	331	31	1,362	4	1,433
Plastics and rubber products	326	1,236	2,217	476	D	453	239	279	649	26	667	2	D
Nonmetallic mineral products	327	391	936	253	11	83	42	39	D	14	461	1	D
Primary metals	331	235	638	97	7	87	D	37	137	12	280	1	D
Fabricated metal products	332	2,393	1,432	1,701	79	395	201	278	648	19	504	0	0
Machinery	333	3,093	9,743	1,642	119	738	319	616	1,528	82	2,341	15	5,436
Computer and electronic products	334	2,747	48,251	834	59	830	410	761	2,521	254	8,173	67	37,088
Computers and peripheral equipment	3341	289	7,289	91	7	78	44	75	253	33	1,029	11	5,957
Communications equipment	3342	499	10,911	139	12	109	50	174	562	69	2,044	8	8,243
Semiconductor and other electronic components	3344	692	18,534	144	9	217	109	236	756	67	2,393	27	15,267
Navigational, measuring, electromedical, and control instruments	3345	1,092	10,440	370	24	384	187	243	837	77	2,447	17	6,945
Other computer and electronic products	other 334	176	1,076	89	6	41	20	34	113	8	260	4	676
Electrical equipment, appliances, and components	335	981	2,215	460	D	317	141	157	459	44	1,190	2	D
Transportation equipment	336	1,118	30,010	553	32	275	125	193	631	69	2,395	28	26,827
Motor vehicles, trailers, and parts	3361–63	777	16,562	391	23	202	90	120	420	47	1,832	17	14,198
Aerospace products and parts	3364	127	11,995	46	2	19	10	43	116	13	350	7	11,517
Other transportation equipment	other 336	214	1,453	116	7	55	25	30	95	9	214	4	1,112
Furniture and related products	337	420	371	304	13	71	30	36	105	9	223	0	0
Miscellaneous manufacturing	339	1,709	5,036	815	49	557	282	261	861	65	1,587	11	2,258
Medical equipment and supplies	3391	916	3,998	373	26	295	163	184	639	56	1,356	8	1,814
Other miscellaneous manufacturing	other 339	793	1,038	442	23	263	119	77	222	9	231	3	444

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		All companies		Less than \$200,000		\$200,000–\$999,999		\$1 million–\$9.9 million		\$10 million–\$99.9 million		\$100 million or more	
		Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount
Nonmanufacturing industries	21–23, 42, 44–81	24,691	68,135	11,889	640	7,390	3,177	4,699	13,941	643	16,618	70	33,759
Mining, extraction, and support activities	21	142	1,123	13	1	106	28	13	51	8	162	3	881
Utilities	22	175	214	43	3	113	62	12	39	7	110	0	0
Construction	23	794	1,368	261	6	513	D	15	55	4	165	1	D
Wholesale trade	42	3,272	2,054	2,110	69	771	357	351	831	40	797	0	0
Retail trade	44, 45	576	1,372	526	D	17	8	23	D	8	305	2	D
Transportation and warehousing	48, 49	27	277	7	1	6	2	10	D	3	60	1	D
Information	51	3,125	26,748	865	80	1,176	651	903	2,528	146	4,313	35	19,176
Publishing	511	1,810	19,946	498	54	645	277	539	1,520	107	3,303	21	14,791
Newspaper, periodical, book, and directory	5111	235	992	175	27	5	3	47	95	5	124	3	743
Software	5112	1,575	18,953	323	27	640	274	492	1,425	102	3,179	18	14,049
Telecommunications	517	162	2,135	52	1	22	D	69	210	12	366	7	D
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	63	1,688	0	0	16	D	33	D	8	257	5	D
Satellite telecommunications	5174	6	D	2	D	2	D	1	D	1	D	0	0
Other telecommunications	other 517	94	D	50	D	4	2	34	D	3	D	2	D
Internet service providers, Web search portals, and data-processing services	518	767	3,936	284	24	231	108	226	610	20	465	6	2,729
Internet service providers and Web search portals	5181	143	D	75	4	41	26	24	D	1	D	2	D
Data-processing, hosting, and related services	5182	624	D	209	20	190	82	202	D	19	D	4	D
Other information	other 51	385	731	31	1	277	D	69	187	7	178	1	D
Finance, insurance, and real estate	52, 53	1,021	1,969	252	25	610	314	128	234	27	757	4	638
Professional, scientific, and technical services	54	10,481	30,611	3,915	293	3,001	1,227	3,162	9,780	381	9,395	21	9,915
Architectural, engineering, and related services	5413	2,385	4,866	1,072	62	575	D	669	1,729	67	1,522	2	D
Computer systems design and related services	5415	5,229	13,830	2,032	149	1,662	665	1,443	4,024	82	1,902	10	7,089
Scientific R&D services	5417	2,044	10,030	551	54	498	241	763	2,631	223	5,805	8	1,299
Other professional, scientific, and technical services	other 54	823	1,885	260	28	266	D	287	1,396	9	166	1	D
Health care services	621–23	1,944	955	1,628	89	293	D	18	51	3	140	2	D
Other nonmanufacturing ^a	55–56, 61, 624, 71–72, 81	3,135	1,445	2,270	D	785	267	63	236	16	413	1	D

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		Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount
Company size (employees)													
All companies	-	43,015	223,365	21,053	1,172	12,284	5,511	7,938	23,334	1,465	42,441	275	150,907
5–24	-	20,435	6,087	13,685	767	4,825	1,729	1,919	3,405	6	186	0	0
25–49	-	6,659	6,465	2,780	168	2,426	1,102	1,384	4,045	69	1,151	0	0
50–99	-	6,731	8,360	2,985	133	2,097	1,148	1,525	4,862	124	2,218	0	0
100–249	-	4,330	12,101	927	D	1,697	858	1,442	5,099	262	5,862	2	D
250–499	-	1,926	7,944	527	D	502	297	685	2,111	210	5,214	2	D
500–999	-	1,430	12,482	89	5	615	309	486	1,545	219	6,860	21	3,764
1,000–4,999	-	1,059	36,019	52	5	108	60	411	1,852	398	13,479	90	20,623
5,000–9,999	-	195	19,776	5	*	11	7	50	248	88	3,534	41	15,987
10,000–24,999	-	145	36,049	3	*	3	2	23	109	60	2,537	56	33,400
25,000 or more	-	105	78,082	0	0	0	0	13	59	29	1,401	63	76,622

* = amount < \$500,000; D = suppressed to avoid disclosure of confidential information; i = more than 50% of the value is imputed; - = not applicable.

^a Estimates for management of companies and enterprises (NAICS 55), formerly shown separately, now are included in other nonmanufacturing.

NOTES: Detail does not add to total due to rounding or suppression. The method used to assign industry classifications has changed; industry-specific estimates are not directly comparable with those for years prior to 2004. The R&D in this table is the industrial R&D performed within company facilities funded from all sources except the federal government. The funds are predominantly the company's own but also include funds from outside organizations, such as other companies, research institutions, universities and colleges, nonprofit organizations, and state governments. Excludes company-funded R&D not performed within the company (e.g., R&D performed by other organizations) and company-funded R&D not performed within the 50 U.S. states or DC (e.g., R&D not performed on U.S. soil by foreign subsidiaries or other foreign organizations). For definitions and more information about year-to-year comparability of the statistics, see technical notes and survey methodology.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Industrial Research and Development: 2006.