

TABLE 3. Funds for and companies performing industrial R&D in the United States, by industry and company size, by total 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	44,266	247,669	21,174	1,158	12,806	5,733	8,439	25,183	1,555	44,747	293	170,848
Manufacturing industries	31-33	18,677	171,814	9,356	541	4,937	2,361	3,337	9,837	834	26,269	213	132,806
Food	311	728	2,720	400	24	186	95	110	297	26	1,031	6	1,273
Beverage and tobacco products	312	39	547 i	20	1	4	2	9	D	5	110	1	D
Textiles, apparel, and leather	313-16	505	594	352	14	98	42	45	D	10	186	1	D
Wood products	321	329	195	277	10	29	13	20	58	3	113	0	0
Paper, printing, and support activities	322, 323	573	D	285	D	197	81	74	213	12	382	4	2,115
Petroleum and coal products	324	107	1,432	63	4	29	12	9	28	3	120	3	1,268
Chemicals	325	1,921	46,329	821	44	543	265	323	1,034	171	6,143	63	38,843
Basic chemicals	3251	270	2,152	95	6	64	36	75	D	31	1,021	6	D
Resin, synthetic rubber, fibers, and filament	3252	152	1,975	72	6	43	23	25	D	11	277	2	D
Pharmaceuticals and medicines	3254	483	38,901	104	7	131	70	101	399	97	3,471	51	34,954
Other chemicals	other 325	1,016	3,300	551	26	306	136	123	326	32	1,374	4	1,438
Plastics and rubber products	326	1,236	2,245	467	D	460	240	280	650	27	693	2	D
Nonmetallic mineral products	327	398	1,014	243	10	83	D	57	179	14	461	1	D
Primary metals	331	236	651	99	7	86	D	37	D	13	290	1	D
Fabricated metal products	332	2,417	1,499	1,721	82	395	201	280	661	20	555	0	0
Machinery	333	3,114	9,848	1,616	117	779	340	621	1,538	83	2,388	15	5,465
Computer and electronic products	334	2,795	56,773	835	56	821	409	813	2,748	254	8,313	72	45,247
Computers and peripheral equipment	3341	289	D	91	D	76	43	76	255	34	1,113	11	5,957
Communications equipment	3342	500	D	125	D	116	50	180	579	70	2,116	9	8,373
Semiconductor and other electronic components	3344	728	18,888	168	8	224	111	241	792	67	2,399	28	15,578
Navigational, measuring, electromedical, and control instruments	3345	1,103	18,300	362	24	364	182	281	1,008	75	2,424	20	14,663
Other computer and electronic products	other 334	176	D	88	D	41	22	35	114	8	262	4	676 i
Electrical equipment, appliances, and components	335	986	2,281	460	D	321	145	155	442	48	1,268	2	D
Transportation equipment	336	1,129	D	559	D	275	124	196	641	69	2,376	31	34,187
Motor vehicles, trailers, and parts	3361-63	783	D	397	D	202	90	119	416	48	1,901	17	14,273
Aerospace products and parts	3364	132	16,367	46	2	20	10	45	122	12	261	10	15,971
Other transportation equipment	other 336	214	D	116	D	54	24	31	103	9	214	4	3,943
Furniture and related products	337	421	D	305	D	71	30	36	105	9	223	0	0
Miscellaneous manufacturing	339	1,741	5,150	832	50	559	284	272	939	67	1,619	11	2,258
Medical equipment and supplies	3391	923	4,098	367	26	298	165	193	705	58	1,388	8	1,815
Other miscellaneous manufacturing	other 339	818	1,052	465	24	262	119	80	234	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	25,590	75,855	11,818	617	7,869	3,372	5,102	15,345	722	18,478	80	38,042
Mining, extraction, and support activities	21	142	D	13	D	106	28	13	53 i	8	164	3	887
Utilities	22	175	248	43	3	113	62	11	39	8	145	0	0
Construction	23	795	1,379	262	6	513	182	15	D	3	68	2	D
Wholesale trade	42	3,276	2,072	2,112	69	771	358	352	835	41	811	0	0
Retail trade	44, 45	577	D	527	D	17	8	23	D	8	306	2	D
Transportation and warehousing	48, 49	27	D	7	1	6	2	10	D	3	60	1	D
Information	51	3,138	26,883	859	80	1,182	655	914	2,549	148	4,338	35	19,261
Publishing	511	1,816	D	488	D	651	282	547	1,535	108	3,316	21	14,792
Newspaper, periodical, book, and directory	5111	235	D	174	D	6	3	47	95	5	124	3	743
Software	5112	1,581	D	315	D	645	278	500	1,440	103	3,191	18	14,049
Telecommunications	517	162	D	52	D	22	D	69	210	12	366	7	D
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	63	D	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	774	4,029	288	24	230	108	229	615	21	478	6	2,804
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	630	D	213	20	189	82	205	D	20	D	4	D
Other information	other 51	385	732	31	1	277	D	69	188	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	10,856	38,049	3,599	282	3,226	1,368	3,545	11,133	456	11,268	30	13,998
Architectural, engineering, and related services	5413	2,444	6,579	1,068	D	606	250	676	1,776	90	2,178	5	D
Computer systems design and related services	5415	5,316	14,841	1,876	139	1,775	744	1,565	4,512	89	2,042	12	7,402
Scientific R&D services	5417	2,268	14,525	395	45	581	293	1,015	3,440	266	6,810	11	3,937
Other professional, scientific, and technical services	other 54	829	2,105	260	D	264	82	290	1,404	12	238	2	D
Health care services	621-23	1,945	992	1,376	67	542	127	22	D	3	145	2	D
Other nonmanufacturing ^a	55-56, 61, 624, 71-72, 81	3,637	1,479	2,768	D	784	266	68	255	16	418	1	D

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		Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount
Company size (employees)													
All companies	-	44,266	247,669	21,174	1,158	12,806	5,733	8,439	25,183	1,555	44,747	293	170,848
5-24	-	21,153	7,207	13,539	746	5,386	1,989	2,221	4,286	6	186	0	0
25-49	-	6,815	D	2,793	170	2,412	1,078	1,526	4,593	85	D	0	0
50-99	-	7,035	9,064	3,256	139	2,055	1,130	1,572	5,170	151	2,625	0	0
100-249	-	4,372	13,306	908	D	1,714	862	1,457	5,214	290	D	3	D
250-499	-	1,941	D	529	D	499	296	690	2,160	221	5,662	2	D
500-999	-	1,441	13,360	90	5	617	309	479	1,507	230	7,257	25	4,282
1,000-4,999	-	1,065	37,866	51	4	108	60	411	1,846	400	13,767	95	22,188
5,000-9,999	-	195	20,434	5	*	11	7	47	230	87	3,343	45	16,852
10,000-24,999	-	145	37,865	3	*	3	2	23	116	56	2,287	60	35,460
25,000 or more	-	105	92,925	0	0	0	0	13	59	29	1,426	63	91,440

* = 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. Excludes federally funded research and development centers. The R&D in this table is the industrial R&D performed within company facilities funded from all sources. The funds are the company's own; funds from outside organizations, such as other companies, research institutions, universities and colleges, nonprofit organizations, and state governments; and funds from the federal government. Excludes R&D performed outside of the company (e.g., R&D performed by other organizations) and R&D performed outside of the 50 U.S. states and 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.