

TABLE 7. Companies with worldwide, domestic, and foreign R&D paid for by the company and by others and performed by the company, by source of funds, industry, and company size: 2013
(Number of companies)

Industry and company size	NAICS code	Worldwide R&D performance			Domestic R&D performance			Foreign R&D performance		
		Total	Paid for by the company	Paid for by others	Total	Paid for by the company	Paid for by others	Total	Paid for by the company	Paid for by others
All industries	21–23, 31–33, 42–81	70,466	65,222	11,577	70,383	65,139	11,514	2,902	2,739	395
Manufacturing industries	31–33	29,829	27,664	6,121	29,823	27,655	6,068	1,344	1,285	219
Food	311	2,149	2,072	D	2,149	2,072	290	40	40	3
Chemicals	325	2,968	D	577	2,968	2,898	569	235	223	39
Pharmaceuticals and medicines	3254	947	D	323	947	906	319	123	D	27
Other chemicals	other 325	2,021	1,992	254	2,021	1,992	250	112	D	12
Plastics and rubber products	326	1,703	1,553	D	1,703	1,553	326	59	59	25
Nonmetallic mineral products	327	590	D	132	D	584	132	19	D	D
Fabricated metal products	332	3,966	3,137	1,282	3,966	3,137	1,282	38	38	0
Machinery	333	4,173	3,918	524	4,173	3,918	519	160	D	17
Computer and electronic products	334	4,279	3,944	998	4,279	3,944	966	430	398	72
Electrical equipment, appliances, and components	335	1,174	D	243	D	1,143	243	52	52	D
Transportation equipment	336	2,104	D	465	D	1,948	461	105	95	37
Miscellaneous manufacturing	339	2,870	2,773	650	D	2,770	650	127	D	16
Other manufacturing	312–316, 321–24, 331, 337	3,858	D	631	D	3,694	631	80	80	6
Nonmanufacturing industries	21–23, 42–81	40,637	37,559	5,456	40,561	37,486	5,446	1,559	1,455	177
Wholesale trade	42	4,779	D	128	D	4,664	128	27	27	0
Information	51	4,028	3,915	324	4,003	3,890	321	561	D	54
Telecommunications	517	247	D	27	D	231	27	56	56	0
Data processing, hosting, and related services	518	1,069	D	127	D	1,015	127	101	D	D
Other information	other 51	2,712	2,666	170	2,690	2,644	167	404	404	D
Professional, scientific, and technical services	54	15,256	12,739	4,519	15,208	12,693	4,512	916	818	119
Architectural, engineering, and related services	5413	2,428	D	641	2,428	2,074	641	40	D	D
Scientific research and development services	5417	1,899	D	D	D	1,320	1,108	84	55	38
Biotechnology research and development	541711	525	D	249	D	416	249	43	27	22
Other scientific research and development	other 5417	1,374	903	D	1,374	903	859	41	27	16
Other professional, scientific, and technical services	other 54	10,928	9,342	D	D	9,300	2,763	792	D	D
Other nonmanufacturing	21–23, 44–45, 48–49, 52–53, 55–56, 621–24, 71–72, 81	16,574	D	486	D	16,238	486	55	D	4
All companies (number of domestic employees)	–	70,466	65,222	11,577	70,383	65,139	11,514	2,902	2,739	395
Small companies ^a										
5–499	–	68,178	63,007	11,125	68,102	62,932	11,083	2,075	1,931	270
5–99	–	61,286	56,460	10,070	61,215	56,394	10,034	1,525	1,397	206
5–49	–	52,791	48,668	8,827	D	48,605	8,792	1,321	1,205	186
5–9	–	18,903	D	3,350	D	17,348	3,350	154	154	D
10–24	–	21,197	D	3,786	D	19,210	3,761	833	732	148
25–49	–	12,692	12,068	1,692	12,667	12,046	1,681	335	319	D
50–99	–	8,494	7,792	1,242	D	7,789	1,242	203	192	20
100–249	–	5,064	4,801	D	D	4,796	800	332	324	43
250–499	–	1,829	1,746	D	D	1,742	249	218	209	21

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Medium and large companies										
500-999	-	906	D	133	D	876	130	179	175	15
1,000-4,999	-	944	911	170	941	907	160	390	382	48
5,000-9,999	-	196	D	52	D	188	47	114	111	24
10,000-24,999	-	141	137	58	141	137	58	74	D	16
25,000 or more	-	109	D	40	D	108	37	73	D	22

D = data withheld to avoid disclosing operations of individual companies.

NAICS = 2007 North American Industry Classification System.

^a Upper bound based on U.S. Small Business Administration's definition of a small business; Business R&D and Innovation Survey does not include companies with fewer than five domestic employees.

NOTES: Statistics are based on companies in the United States that reported to the survey. These statistics do not include an adjustment to the weight to account for unit nonresponse. Detail may not add to total because of rounding and because some companies requested multiple survey questionnaires to facilitate sub-company reporting (see technical notes and appendix table A-8). Industry classification based on dominant business code for domestic R&D performance where available. For companies that did not report business codes, classification used for sampling was assigned. Statistics are representative of companies located in the United States that performed or funded R&D.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2013.