

TABLE 4. Companies with worldwide, domestic, and foreign R&D paid for by the company and others and performed by the company, by source of funds, industry, and company size: 2012
(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 company	Paid for by others	Total	Paid for by company	Paid for by others	Total	Paid for by company	Paid for by others
All industries	21–23, 31–33, 42–81	60,844	55,859	10,724	60,698	55,716	10,663	2,537	2,462	292
Manufacturing industries	31–33	25,681	24,237	3,593	25,631	24,189	3,545	1,298	1,274	165
Food	311	1,927	1,871	D	1,927	1,871	207	38	D	3
Chemicals	325	2,215	2,119	450	2,215	2,119	445	203	197	32
Pharmaceuticals and medicines	3254	738	673	D	738	673	235	110	D	17
Other chemicals	other 325	1,478	1,446	D	1,478	1,446	209	93	D	15
Plastics and rubber products	326	1,712	D	154	1,690	1,608	148	163	D	11
Nonmetallic mineral products	327	D	703	39	703	699	39	19	D	D
Fabricated metal products	332	3,676	3,255	D	3,676	3,255	730	45	45	D
Machinery	333	D	D	D	3,428	3,138	501	141	138	18
Computer and electronic products	334	3,172	3,045	585	3,151	3,024	563	322	D	59
Electrical equipment, appliances, and components	335	1,146	1,116	D	1,146	1,116	139	59	59	3
Transportation equipment	336	1,583	1,541	187	1,583	1,541	182	105	D	23
Miscellaneous manufacturing	339	D	D	D	2,643	2,533	257	123	D	8
Other manufacturing	312–16, 321–24, 331, 337	D	D	D	3,468	3,285	336	81	D	4
Nonmanufacturing industries	21–23, 42–81	35,163	31,622	7,131	35,067	31,527	7,119	1,240	1,188	127
Wholesale trade	42	D	D	961	6,819	6,021	961	44	D	D
Information	51	3,753	3,597	494	3,736	3,581	484	462	456	27
Telecommunications	517	D	D	13	317	312	13	38	38	D
Data processing, hosting, and related services	518	1,195	D	D	D	1,180	226	153	D	7
Other information	other 51	D	2,100	D	D	2,089	245	271	D	D
Professional, scientific, and technical services	54	14,942	12,711	D	14,874	12,644	4,727	654	611	91
Architectural, engineering, and related services	5413	D	D	917	2,547	2,026	917	181	D	4
Scientific research and development services	5417	2,425	D	D	2,422	1,576	1,553	113	76	54
Biotechnology research and development	541711	D	D	372	730	603	372	39	29	14
Other scientific research and development	other 5417	D	D	D	1,692	973	1,180	75	47	41
Other professional, scientific, and technical services	other 54	D	9,103	2,257	9,906	9,042	2,257	359	D	32
Other nonmanufacturing	21–23, 44–45, 48–49, 52–53, 55–56, 621–24, 71–72, 81	D	D	D	9,638	9,281	946	79	D	D
All companies (number of domestic employees)	–	60,844	55,859	10,724	60,698	55,716	10,663	2,537	2,462	292
Small companies ^a										
5–499	–	58,569	53,671	10,268	58,432	53,539	10,230	1,727	1,670	163
5–99	–	51,909	47,235	9,433	51,787	47,113	9,405	1,186	1,145	123
5–49	–	45,774	41,439	8,640	45,655	41,321	8,617	863	828	102
5–9	–	16,296	14,167	D	16,214	14,086	3,747	308	308	14
10–24	–	18,853	17,085	D	18,835	17,067	3,452	143	136	23
25–49	–	10,625	10,187	1,421	10,606	10,169	1,418	412	383	65
50–99	–	6,135	5,795	793	6,132	5,792	788	323	317	21
100–249	–	5,006	4,856	D	4,998	4,852	591	317	305	25
250–499	–	1,654	1,580	D	1,648	1,574	234	224	220	15
Medium and large companies										
500–999	–	872	849	122	869	845	117	162	158	19

TABLE 4. Companies with worldwide, domestic, and foreign R&D paid for by the company and others and performed by the company, by source of funds, industry, and company size: 2012
(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 company	Paid for by others	Total	Paid for by company	Paid for by others	Total	Paid for by company	Paid for by others
1,000–4,999	–	974	925	189	969	919	176	394	385	54
5,000–9,999	–	D	D	D	D	182	46	112	109	18
10,000–24,999	–	135	127	56	135	127	56	72	D	17
25,000 or more	–	D	D	D	D	105	39	70	D	21

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

NAICS = 2007 North American Industry Classification System.

^a The upper bound is based on the U.S. Small Business Administration's definition of a small business; the 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. The industry classification is based on the dominant business code for domestic R&D performance, where available. For companies that did not report business codes, the 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, 2012.