

TABLE 4

## Companies with worldwide, domestic, and foreign R&amp;D paid for by the company and others and performed by the company, by source of funds, industry, and company size: 2015

(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	54,890	48,920	11,622	54,759	48,789	11,579	3,438	3,225	482
Manufacturing industries	31-33	27,898	24,952	5,922	27,891	24,944	5,896	1,360	1,307	202
Food	311	1,378	1,307	168	1,378	1,307	168	63	63	D
Chemicals	325	2,843	2,689	581	2,843	2,689	577	239	230	42
Pharmaceuticals and medicines	3254	830	728	295	830	728	294	131	123	31
Other chemicals	other 325	2,012	1,961	286	2,012	1,961	283	107	106	11
Plastics and rubber products	326	1,657	1,329	497	1,657	1,329	497	43	34	12
Nonmetallic mineral products	327	498	479	64	498	479	64	29	27	3
Fabricated metal products	332	4,669	3,772	1,224	4,669	3,772	1,224	59	59	0
Machinery	333	4,353	4,041	566	4,353	4,041	557	141	127	31
Computer and electronic products	334	3,356	2,981	855	3,352	2,977	846	381	368	62
Electrical equipment, appliances, and components	335	1,036	949	201	1,036	949	200	51	51	D
Transportation equipment	336	1,896	1,689	554	1,896	1,689	551	112	108	34
Miscellaneous manufacturing	339	2,560	2,335	564	2,558	2,332	564	135	135	11
Other manufacturing	312-16, 321-24, 331, 337	3,661	3,389	650	3,660	3,388	649	111	108	5
Nonmanufacturing industries	21-23, 42-81	26,994	23,969	5,700	26,870	23,846	5,684	2,080	1,919	280
Wholesale trade	42	6,118	5,670	1,004	6,115	5,668	1,004	246	246	0
Information	51	3,375	3,314	319	3,369	3,309	314	500	496	19
Telecommunications	517	468	445	145	467	445	D	16	14	D
Data processing, hosting, and related services	518	1,170	1,149	87	1,168	1,147	87	245	245	D
Other information	other 51	1,737	1,720	86	1,734	1,717	D	239	237	15
Professional, scientific, and technical services	54	14,822	12,535	4,012	14,711	12,423	4,004	1,243	1,089	254
Architectural, engineering, and related services	5413	3,181	2,515	1,097	3,181	2,515	1,096	222	217	9
Scientific research and development services	5417	2,602	1,874	1,385	2,599	1,871	1,383	135	68	82
Biotechnology research and development	541711	716	503	395	715	502	394	31	26	14
Other scientific research and development	other 5417	1,886	1,370	990	1,884	1,369	989	103	42	68
Other professional, scientific, and technical services	other 54	9,040	8,146	1,530	8,931	8,037	1,524	887	803	164
Other nonmanufacturing	21-23, 44-45, 48-49, 52-53, 55-56, 621-24, 71-72, 81	2,681	2,452	365	2,677	2,448	363	92	90	7

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		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 companies (number of domestic employees)	-	54,890	48,920	11,622	54,759	48,789	11,579	3,438	3,225	482
Micro companies <sup>a</sup>										
5-9	-	11,976	10,259	3,050	11,869	10,152	3,047	660	607	127
Small companies										
10-19	-	13,462	11,771	2,863	13,460	11,768	2,863	390	381	24
20-49	-	13,827	12,427	2,966	13,821	12,421	2,960	581	529	88
Medium companies										
50-99	-	6,914	6,249	1,218	6,910	6,246	1,216	323	263	71
100-249	-	4,426	4,124	834	4,420	4,119	831	309	301	29
Large companies										
250-499	-	1,858	1,762	247	1,857	1,760	244	266	261	16
500-999	-	952	913	132	951	912	130	237	232	15
1,000-4,999	-	1,011	966	177	1,008	963	162	401	390	53
5,000-9,999	-	206	199	41	206	199	35	119	115	16
10,000-24,999	-	155	149	56	155	149	56	83	79	20
25,000 or more	-	102	101	38	101	100	36	68	67	22

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

NAICS = 2012 North American Industry Classification System.

<sup>a</sup> Business R&D and Innovation Survey does not include companies with fewer than five domestic employees.**Note(s)**

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. 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(s)**

National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2015.