

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: 2018

(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	26,411	24,797	3,921	26,313	24,698	3,876	2,771	2,656	265
Manufacturing industries	31-33	15,219	14,742	1,797	15,205	14,727	1,764	1,470	1,418	176
Food	311	808	802	36	808	802	36	44	43	3
Chemicals	325	2,713	2,631	384	2,713	2,631	377	296	291	35
Pharmaceuticals and medicines	3254	1,334	1,285	246	1,334	1,285	241	168	164	25
Other chemicals	other 325	1,379	1,346	138	1,379	1,346	136	128	128	10
Plastics and rubber products	326	912	899	92	912	899	90	78	74	7
Nonmetallic mineral products	327	229	228	19	228	227	19	12	12	0
Fabricated metal products	332	1,485	1,427	110	1,485	1,427	110	44	42	4
Machinery	333	2,073	2,021	218	2,072	2,020	212	170	167	16
Computer and electronic products	334	2,343	2,220	394	2,340	2,218	382	332	327	44
Electrical equipment, appliances, and components	335	763	752	92	761	750	91	90	90	3
Transportation equipment	336	1,105	1,065	188	1,105	1,065	187	107	101	29
Miscellaneous	339	D	1,222	D	1,251	1,220	126	D	174	D
Other manufacturing	312-16, 321-324, 331, 337	D	1,494	D	1,546	1,487	136	D	106	D
Nonmanufacturing industries	21-23, 42-81	11,200	10,063	2,126	11,116	9,978	2,114	1,304	1,240	90 i
Wholesale trade	42	781	771	40	778	768	40	19 i	19 i	0
Information	51	2,666	2,632	153	2,660	2,626	150	632	631	D
Telecommunications	517	D	177	D	183	177	12	D	35	D
Data processing, hosting, and related services	518	1,202	1,193	42	1,201	1,192	42	321	321	D
Other information	other 51	D	1,263	D	1,277	1,259	96	D	275	D
Professional, scientific, and technical services	54	6,294	5,274	1,774	6,224	5,204	1,766	552	489	78 i
Architectural, engineering, and related services	5413	D	1,169	D	1,283	1,150	348	D	51 i	D
Scientific research and development services	5417	D	795	D	1,469	785	1,010	D	44	D
Research and development in biotechnology	541711	278	208	143	272	202	143	25	16	10 i
Other scientific research and development	other 5417	D	587	D	1,197	583	866	D	28	D
Other professional, scientific, and technical services	other 54	3,515	3,310	414	3,472	3,269	408	421	394	33 i
Other nonmanufacturing	21-23, 44-45, 48-49, 52-53, 55-56, 621-24, 71-72, 81	1,462	1,390	159	1,456	1,384	158	101	101	D
All companies (number of domestic employees)	-	26,411	24,797	3,921	26,313	24,698	3,876	2,771	2,656	265
Small companies										
10-19 <sup>a</sup>	-	4,323	3,977	941	4,294	3,948	939	222 i	194 i	31 i

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20-49		-	7,422	6,987	1,063	7,386	6,950	1,059	391	386	16
Medium companies											
50-99		-	4,606	4,420	486	4,591	4,406	484	356	324	38 i
100-249		-	5,008	4,567	736 i	5,004	4,562	726 i	414	395	32
Large companies											
250-499		-	2,067	1,976	236	2,060	1,967	233	337	329	18
500-999		-	1,155	1,101	128	1,152	1,098	123	262	257	15 i
1,000-4,999		-	1,264	1,222	186	1,263	1,221	173	493	481	55
5,000-9,999		-	242	232	49	241	231	47	118	113	18
10,000-24,999		-	207	201	59	207	201	57	117	116	23
25,000 or more		-	116	116	36	114	114	36	62	60	19

D = data withheld to avoid disclosing operations of individual companies; i = &gt; 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

NAICS = 2012 North American Industry Classification System.

<sup>a</sup> Business Research and Development Survey does not include companies with fewer than 10 domestic employees.**Note(s):**

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. Beginning in survey year 2018, statistics are representative of companies located in the United States that performed or funded \$50,000 or more of R&D. This change has affected the comparability of these estimates with estimates published for years prior to 2018. Statistics are based on companies in the United States that reported to the survey. No systematic item imputation was applied. Beginning in survey year 2018, these statistics include an adjustment to the weight to account for unit nonresponse. A company having multiple reporting parts for data collection may contribute to the statistics for multiple industries, so the detail may not add to the total for the number of companies.

**Source(s):**

National Center for Science and Engineering Statistics and U.S. Census Bureau, Business Research and Development Survey, 2018.