

TABLE 26. Domestic R&D paid for and performed by the company, by character of work, industry, and company size: 2013
(Millions of U.S. dollars)

Industry and company size	NAICS code	Total	Basic research	Applied research	Development
All industries	21–23, 31–33, 42–81	264,913	15,275	38,105	211,532
Manufacturing industries	31–33	181,170	12,126	28,443	140,601
Food	311	4,801	751 i	1,081 i	2,969 i
Beverage and tobacco products	312	727	157	177	393
Textile, apparel, and leather products	313–16	642	62	57	523
Wood products	321	209	12	49	148
Printing and related support activities	323	224 i	10 i	26 i	188
Chemicals	325	54,285	6,083	12,473	35,729
Pharmaceuticals and medicines	3254	45,891	5,438	10,563	29,891
Other chemicals	other 325	8,394	645	1,910	5,838
Plastics and rubber products	326	3,496	390	855	2,250
Nonmetallic mineral products	327	1,303 i	186 i	292 i	826 i
Primary metals	331	605	31 i	108 i	465 i
Fabricated metal products	332	1,934 i	88 i	257 i	1,588 i
Machinery	333	12,092	567	895	10,631
Computer and electronic products	334	57,364	1,527	7,117	48,720
Semiconductor and other electronic components	3344	28,576	718	3,502	24,356
Navigational, measuring, electromedical, and control instruments	3345	9,001	425	1,553	7,023
Other computer and electronic products	other 334	19,786	384	2,062	17,340
Electrical equipment, appliances, and components	335	3,660	153	563	2,945
Transportation equipment	336	25,165	1,251	2,466	21,448
Aerospace products and parts	3364	10,042	534	1,454	8,054
Other transportation equipment	other 336	15,123	717	1,011	13,394
Furniture and related products	337	374	21 i	86	267
Miscellaneous manufacturing	322, 324, 339	14,290	836	1,941	11,512
Nonmanufacturing industries	21–23, 42–81	83,742	3,149 i	9,663	70,930
Information	51	56,039	2,108	5,186	48,745
Publishing	511	34,637	1,435	2,632	30,570
Telecommunications	517	3,037	206 i	1,050	1,782 i
Data processing, hosting, and related services	518	6,333	231	570	5,532
Other information	other 51	12,032	236	935	10,860
Professional, scientific, and technical services	54	15,617 i	589 i	2,570 i	12,458 i
Architectural, engineering, and related services	5413	1,261	37 i	208 i	1,016 i
Computer systems design and related services	5415	8,107 i	176 i	890 i	7,041 i
Scientific research and development services	5417	2,838	273	919 i	1,645
Biotechnology research and development	541711	1,331	192	375	764
Physical, engineering, and life sciences (except biotechnology) research and development	541712	1,470	73 i	529 i	868
Social sciences and humanities research and development	541720	36 i	8 i	15 i	13 i
Other professional, scientific, and technical services	other 54	3,411	102 i	553 i	2,756 i
Other nonmanufacturing	21–23, 42–49, 52, 53, 55–81	12,087	452 i	1,907	9,728
All companies (number of domestic employees)	–	264,913	15,275	38,105	211,532
Small companies ^a					
5–499	–	42,106	2,345	7,788	31,972 i
5–99	–	20,886 i	1,245 i	4,017 i	15,625 i
5–49	–	13,726 i	782 i	2,813 i	10,131 i
5–9	–	2,195 i	134 i	370 i	1,691 i
10–24	–	5,290 i	332 i	996 i	3,962 i
25–49	–	6,241 i	316	1,447 i	4,478 i
50–99	–	7,161	463	1,204	5,494 i
100–249	–	10,922	586	1,901	8,436
250–499	–	10,297	514	1,871	7,912
Medium and large companies					
500–999	–	10,280	552	1,432	8,296
1,000–4,999	–	45,342	2,146	6,926	36,270

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5,000–9,999	–	25,009	793	3,312	20,905
10,000–24,999	–	44,275	2,578	8,046	33,651
25,000 or more	–	97,901	6,861	10,601	80,438

i = > 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

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: Detail may not add to total because of rounding. 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.