

TABLE 16

Domestic R&D employees for companies with 1–9 employees, by selected industry and R&D occupation: 2017
(Number)

Industry	NAICS code	All R&D employees	Researchers (including R&D scientists, engineers, and their managers)	R&D technicians and equivalent staff	R&D support staff (clerical and other)
All selected industries	31–33, 42, 51, 5413, 5415, 5417	45,465	28,877	12,346	4,242
Manufacturing industries	31–33	5,860	3,715	1,416	728
Food, beverage, and tobacco products	311–12	61 r	34 r	20	7 r
Textile, apparel, and leather products	313–16	35 r	35 r	0	0
Wood products	321	0	0	0	0
Paper	322	0	0	0	0
Printing and related support activities	323	0	0	0	0
Petroleum and coal products	324	0	0	0	0
Pharmaceuticals and medicines	3254	349	153	132	63 r
Chemicals, excluding pharmaceuticals	325 (excluding 3254)	710	427	164	119
Plastics and rubber products	326	45	36	S	8 r
Nonmetallic mineral products	327	14 r	S	0	8 r
Primary metals	331	3 r	3 r	0	0
Fabricated metal products	332	69	41	23 r	5
Machinery	333	684	398	169	117 r
Computer and electronic products	334	2,687	1,871	532	284
Electrical equipment, appliances, and components	335	335	153	160	22 r
Transportation equipment	336	142	99	34	9 r
Furniture and related products	337	0	0	0	0
Miscellaneous manufacturing	339	727	460	180	87
Selected nonmanufacturing industries	42, 51, 5413, 5415, 5417	39,604	25,161	10,930	3,513
Wholesale trade	42	370	155	168	46 r
Information	51	5,176	3,438	1,343	394
Software publishers	5112	3,659	2,224	1,120	315
Information, excluding software publishers	51 (excluding 5112)	1,516	1,214	224	79
Architectural, engineering, and related services	5413	2,746	1,876	530	340
Computer systems design and related services	5415	20,944	12,697	6,476	1,770
Scientific research and development services	5417	10,369	6,995	2,411	963

r = relative standard error > 50%; S = data withheld to avoid disclosing operations of individual companies.

NAICS = 2017 North American Industry Classification System.

Note(s):

Detail may not add to total because of rounding. Statistics are representative of companies located in the United States that performed or funded R&D.

Source(s):

National Center for Science and Engineering Statistics and U.S. Census Bureau, Annual Business Survey, 2017.