

TABLE 17

Domestic R&D researchers for companies with 1–9 employees, by selected industry and education level: 2017

(Number)

Industry	NAICS code	Researchers (including R&D scientists, engineers, and their managers)	Researchers with PhD (excluding MD, JD, and EdD)
All selected industries	31–33, 42, 51, 5413, 5415, 5417	28,877	6,669
Manufacturing industries	31–33	3,715	610
Food, beverage, and tobacco products	311–12	34 r	12 r
Textile, apparel, and leather products	313–16	35 r	0
Wood products	321	0	0
Paper	322	0	0
Printing and related support activities	323	0	0
Petroleum and coal products	324	0	0
Pharmaceuticals and medicines	3254	153	51
Chemicals, excluding pharmaceuticals	325 (excluding 3254)	427	90
Plastics and rubber products	326	36	3 r
Nonmetallic mineral products	327	S	S
Primary metals	331	3 r	0
Fabricated metal products	332	41	4
Machinery	333	398	42 r
Computer and electronic products	334	1,871	297
Electrical equipment, appliances, and components	335	153	19 r
Transportation equipment	336	99	26 r
Furniture and related products	337	0	0
Miscellaneous manufacturing	339	460	60
Selected nonmanufacturing industries	42, 51, 5413, 5415, 5417	25,161	6,059
Wholesale trade	42	155	21
Information	51	3,438	245
Software publishers	5112	2,224	155
Information, excluding software publishers	51 (excluding 5112)	1,214	90
Architectural, engineering, and related services	5413	1,876	588
Computer systems design and related services	5415	12,697	1,844
Scientific research and development services	5417	6,995	3,360

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.