

TABLE 18

Domestic full-time equivalent R&D employees, by selected industry and work activity, for companies with 1–9 employees: 2020

(Number)

Industry	NAICS code	R&D employees: full-time equivalent	Researchers: full-time equivalent
All selected industries	31–33, 42, 51, 5413, 5415, 5417	31,358	21,952
Manufacturing industries	31–33	3,665	2,691
Food, beverage, and tobacco products	311–12	75	72
Textile, apparel, and leather products	313–16	4 r	4 r
Wood products	321	0	0
Paper	322	0	0
Printing and related support activities	323	0	0
Petroleum and coal products	324	0	0
Chemicals	325	911	636
Pharmaceuticals and medicines	3254	277	186
Chemicals, excluding pharmaceuticals	other 325	635	450
Plastics and rubber products	326	96	56
Nonmetallic mineral products	327	0	0
Primary metals	331	24	19
Fabricated metal products	332	252 r	223 r
Machinery	333	384	325
Computer and electronic products	334	1,283	935
Semiconductor and other electronic components	3344	244	168
Navigational, measuring, electromedical, and control instruments	3345	856	631
Other computer and electronic products	other 334	183	136
Electrical equipment, appliances, and components	335	102 r	69
Transportation equipment	336	230	98
Aerospace products and parts	3364	123	62
Other transportation equipment	other 336	107	35
Furniture and related products	337	1	0
Miscellaneous manufacturing	339	303	254
Selected nonmanufacturing industries	42, 51, 5413, 5415, 5417	27,693	19,261
Wholesale trade	42	1,452	918
Information	51	5,747	3,898
Software publishers	5112	3,938	2,711
Information, excluding software publishers	51 less 5112	1,809	1,187
Architectural, engineering, and related services	5413	3,543	2,389
Computer systems design and related services	5415	7,730	4,989

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Scientific research and development services	5417	9,222	7,068
Research and development in nanotechnology	541713	935	714
Research and development in biotechnology (except nanobiotechnology)	541714	3,153	2,383
Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	5,044	3,918
Social sciences and humanities research and development	541720	90	53

r = relative standard error > 50%.

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 Census Bureau, 2021 Annual Business Survey: Data Year 2020.