

TABLE 14

R&D employees, by selected industry and employment size, for companies with 1–9 employees: 2018

(Number)

Industry	NAICS code	All companies	1–4 employees	5–9 employees
All selected industries	31–33, 42, 51, 5413, 5415, 5417	30,951	12,834	18,118
Manufacturing industries	31–33	4,306	1,757	2,550
Food, beverage, and tobacco products	311–12	D	D	0
Textile, apparel, and leather products	313–16	13	D	D
Wood products	321	0	0	0
Paper	322	0	0	0
Printing and related support activities	323	D	D	0
Petroleum and coal products	324	D	0	D
Chemicals	325	602	259	343
Pharmaceuticals and medicines	3254	357	137	219
Chemicals, excluding pharmaceuticals	other 325	245	121	124
Plastics and rubber products	326	0	0	0
Nonmetallic mineral products	327	66 r	D	D
Primary metals	331	0	0	0
Fabricated metal products	332	47 r	D	D
Machinery	333	462	333 r	129
Computer and electronic products	334	2,330	678	1,652
Semiconductor and other electronic components	3344	535	162	372
Navigational, measuring, electromedical, and control instruments	3345	1,247	344	903
Other computer and electronic products	other 334	549	172	377
Electrical equipment, appliances, and components	335	291	179	112
Transportation equipment	336	110	57	53
Aerospace products and parts	3364	97	51	46
Other transportation equipment	other 336	D	D	D
Furniture and related products	337	0	0	0
Miscellaneous manufacturing	339	348	181	167
Selected nonmanufacturing industries	42, 51, 5413, 5415, 5417	26,645	11,077	15,568
Wholesale trade	42	1,198	233	965
Information	51	4,576	1,536	3,041
Software publishers	5112	3,321	1,088	2,233
Information, excluding software publishers	51 less 5112	1,255	447	808
Architectural, engineering, and related services	5413	2,472	1,279	1,192
Computer systems design and related services	5415	9,658	4,400	5,259
Scientific research and development services	5417	8,741	3,630	5,111
Research and development in nanotechnology	541713	1,705	712	993
Research and development in biotechnology (except nanobiotechnology)	541714	2,475	1,020	1,455
Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	4,359	1,838	2,520
Social sciences and humanities research and development	541720	97	31	66

D = withheld to avoid disclosing data for individual companies; data are included in higher-level totals. 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, 2019 Annual Business Survey: Data Year 2018.