

TABLE 14

Domestic R&D employees, by selected industry and employment size, for companies with 1–9 employees: 2020

(Number)

Industry	NAICS code	All companies	1–4 employees	5–9 employees
All selected industries	31–33, 42, 51, 5413, 5415, 5417	39,087	17,460	21,627
Manufacturing industries	31–33	4,776	1,795	2,980
Food, beverage, and tobacco products	311–12	103	74 r	29 r
Textile, apparel, and leather products	313–16	8 r	8 r	0
Wood products	321	0	0	0
Paper	322	0	0	0
Printing and related support activities	323	0	0	0
Petroleum and coal products	324	0	0	0
Chemicals	325	1,177	412	765
Pharmaceuticals and medicines	3254	361	188	174
Chemicals, excluding pharmaceuticals	other 325	816	225	591
Plastics and rubber products	326	133	71	62
Nonmetallic mineral products	327	3	3	0
Primary metals	331	30	30	0
Fabricated metal products	332	298 r	7	291 r
Machinery	333	499	189	310
Computer and electronic products	334	1,658	739	918
Semiconductor and other electronic components	3344	332	146	186
Navigational, measuring, electromedical, and control instruments	3345	1,066	483	583
Other computer and electronic products	other 334	260	111	149
Electrical equipment, appliances, and components	335	225	95	130 r
Transportation equipment	336	262	61	201
Aerospace products and parts	3364	152	48	105
Other transportation equipment	other 336	110	14 r	96
Furniture and related products	337	3	0	3
Miscellaneous manufacturing	339	375	105	271
Selected nonmanufacturing industries	42, 51, 5413, 5415, 5417	34,311	15,664	18,647
Wholesale trade	42	1,928	724	1,203
Information	51	6,767	2,903	3,864
Software publishers	5112	4,644	2,020	2,624
Information, excluding software publishers	51 less 5112	2,123	884	1,240
Architectural, engineering, and related services	5413	4,422	2,061	2,361
Computer systems design and related services	5415	10,277	5,646	4,631
Scientific research and development services	5417	10,917	4,330	6,587
Research and development in nanotechnology	541713	1,145	448	697

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Research and development in biotechnology (except nanobiotechnology)	541714	3,541	1,407	2,133
Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	6,131	2,418	3,712
Social sciences and humanities research and development	541720	100	56	45

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.