

TABLE 15

## Domestic R&amp;D employees, by selected industry and sex, for companies with 1–9 employees: 2020

(Number)

Industry	NAICS code	Total	Male	Female
All selected industries	31–33, 42, 51, 5413, 5415, 5417	39,087	30,961	8,126
Manufacturing industries	31–33	4,776	3,956	820
Food, beverage, and tobacco products	311–12	103	92	11 r
Textile, apparel, and leather products	313–16	8 r	3 r	5 r
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	845	332
Pharmaceuticals and medicines	3254	361	239	122
Chemicals, excluding pharmaceuticals	other 325	816	606	210
Plastics and rubber products	326	133	118	16
Nonmetallic mineral products	327	3	1	1
Primary metals	331	30	27	3 r
Fabricated metal products	332	298 r	260 r	38 r
Machinery	333	499	451	48
Computer and electronic products	334	1,658	1,425	233
Semiconductor and other electronic components	3344	332	303	29
Navigational, measuring, electromedical, and control instruments	3345	1,066	879	186
Other computer and electronic products	other 334	260	243	18
Electrical equipment, appliances, and components	335	225	210	15 r
Transportation equipment	336	262	245	17
Aerospace products and parts	3364	152	140	13
Other transportation equipment	other 336	110	105	4 r
Furniture and related products	337	3	3	0
Miscellaneous manufacturing	339	375	275	101
Selected nonmanufacturing industries	42, 51, 5413, 5415, 5417	34,311	27,005	7,306
Wholesale trade	42	1,928	1,497	431 r
Information	51	6,767	5,540	1,227
Software publishers	5112	4,644	3,761	883
Information, excluding software publishers	51 less 5112	2,123	1,779	344
Architectural, engineering, and related services	5413	4,422	3,647	775
Computer systems design and related services	5415	10,277	8,653	1,624
Scientific research and development services	5417	10,917	7,669	3,248
Research and development in nanotechnology	541713	1,145	891	254
Research and development in biotechnology (except nanobiotechnology)	541714	3,541	2,169	1,372

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

(Number)

Industry	NAICS code	Total	Male	Female
Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	6,131	4,543	1,588
Social sciences and humanities research and development	541720	100	66	35

r = relative standard error &gt; 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&amp;D.

**Source(s):**

National Center for Science and Engineering Statistics and Census Bureau, 2021 Annual Business Survey: Data Year 2020.