

Table 6**Number of domestic R&D employees, by selected industry and sex, for companies with 1–9 employees: 2020**

(Number)

Industry	NAICS code	Total	Male	Female	Researchers (including R&D scientists, engineers, and their managers)	R&D technicians and equivalent staff	R&D support staff (clerical and other)
All selected industries	31–33, 42, 51, 5413, 5415, 5417	39,087	30,961	8,126	27,029	8,877	3,181
Manufacturing industries	31–33	4,776	3,956	820	3,337	1,047	392
Food, beverage, and tobacco products	311–12	103	92	11	99	1	3
Textile, apparel, and leather products	313–16	8	3	5	5	3	0
Wood products	321	0	0	0	0	0	0
Paper	322	0	0	0	0	0	0
Printing and related support activities	323	0	0	0	0	0	0
Petroleum and coal products	324	0	0	0	0	0	0
Chemicals	325	1,177	845	332	732	316	129
Pharmaceuticals and medicines	3254	361	239	122	223	114	24
Chemicals, excluding pharmaceuticals	other 325	816	606	210	509	202	105
Plastics and rubber products	326	133	118	16	83	42	8
Nonmetallic mineral products	327	3	1	1	0	1	1
Primary metals	331	30	27	3	27	0	3
Fabricated metal products	332	298	260	38	226	32	40
Machinery	333	499	451	48	398	67	35
Computer and electronic products	334	1,658	1,425	233	1,181	379	98
Semiconductor and other electronic components	3344	332	303	29	226	93	12
Navigational, measuring, electromedical, and control instruments	3345	1,066	879	186	778	226	61
Other computer and electronic products	other 334	260	243	18	177	59	24
Electrical equipment, appliances, and components	335	225	210	15	172	34	19
Transportation equipment	336	262	245	17	116	108	38
Aerospace products and parts	3364	152	140	13	80	56	17
Other transportation equipment	other 336	110	105	4	36	52	22
Furniture and related products	337	3	3	0	0	1	1
Miscellaneous manufacturing	339	375	275	101	297	63	16
Selected nonmanufacturing industries	42, 51, 5413, 5415, 5417	34,311	27,005	7,306	23,692	7,830	2,790
Wholesale trade	42	1,928	1,497	431	1,314	315	299
Information	51	6,767	5,540	1,227	4,659	1,546	563
Software publishers	5112	4,644	3,761	883	3,202	1,021	422
Information, excluding software publishers	51 less 5112	2,123	1,779	344	1,457	525	141
Architectural, engineering, and related services	5413	4,422	3,647	775	2,966	1,077	379
Computer systems design and related services	5415	10,277	8,653	1,624	6,496	2,969	812
Scientific research and development services	5417	10,917	7,669	3,248	8,257	1,923	737
Research and development in nanotechnology	541713	1,145	891	254	869	203	73
Research and development in biotechnology (except nanobiotechnology)	541714	3,541	2,169	1,372	2,597	669	275

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Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	6,131	4,543	1,588	4,729	1,023	379
Social sciences and humanities research and development	541720	100	66	35	62	29	9

r = relative standard error > 50%.

NAICS = 2017 North American Industry Classification System.

Note(s):

Detail may not add to total because of rounding or unavailable NAICS detail for select records beyond the 4-digit industry classification. 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.