

**TABLE 8**  
**Domestic R&D performed by the company and funded by the federal government and selected industry, by company size, for companies with 1–9 employees: 2022**

(Number and thousands of U.S. dollars)

Industry	NAICS code	All companies		1–4 employees		5–9 employees	
		Companies with federally funded R&D (number)	Amount (\$thousands)	Companies with federally funded R&D (number)	Amount (\$thousands)	Companies with federally funded R&D (number)	Amount (\$thousands)
All selected industries	31–33, 42, 51, 5413, 5415, 5417	1,677	694,536	1,000	283,558	677	410,978
Manufacturing industries	31–33	241	91,538	111	30,696	130	60,842
Food, beverage, and tobacco products	311–12	11	1,857	9	600	3	1,257
Textile, apparel, and leather products	313–16	0	0	0	0	0	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	51	11,414	20	3,544	31	7,870
Pharmaceuticals and medicines	3254	25	6,998	9	2,116	16	4,883
Chemicals, excluding pharmaceuticals	other 325	26	4,416	11	1,429	15	2,988
Plastics and rubber products	326	0	0	0	0	0	0
Nonmetallic mineral products	327	0	0	0	0	0	0
Primary metals	331	7	1,567	4	857	3	710
Fabricated metal products	332	28	14,877	5	990	23	13,887
Machinery	333	21	7,001	17	5,389	4	1,611
Computer and electronic products	334	66	26,446	32	11,410	33	15,036
Semiconductor and other electronic components	3344	16	9,285	11	3,646	5	5,640
Navigational, measuring, electromedical, and control instruments	3345	49	16,756	22	7,764	27	8,991
Other computer and electronic products	other 334	1	405	0	0	1	405
Electrical equipment, appliances, and components	335	5	1,954	4	1,120	1	834
Transportation equipment	336	10	11,575	5	2,459	5	9,116
Aerospace products and parts	3364	3	2,273	3	862	1	1,411
Other transportation equipment	other 336	7	9,301	3	1,597	4	7,705
Furniture and related products	337	0	0	0	0	0	0
Miscellaneous manufacturing	339	42	14,847	14	4,328	28	10,519
Selected nonmanufacturing industries	42, 51, 5413, 5415, 5417	1,436	602,999	889	252,862	546	350,136
Wholesale trade	42	121	33,300	111	25,993	10	7,307
Information	51	76	21,689	54	10,291	22	11,398
Software publishers	5112	64	18,740	46	8,185	18	10,555
Information, excluding software publishers	51 less 5112	12	2,949	8	2,105	4	843
Architectural, engineering, and related services	5413	160	60,927	81	26,654	79	34,273
Computer systems design and related services	5415	190	82,253	121	28,167	69	54,085
Scientific research and development services	5417	889	404,830	522	161,758	367	243,073
Research and development in nanotechnology	541713	72	33,462	48	19,379	24	14,083

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Research and development in biotechnology (except nanobiotechnology)	541714	270	107,984	174	48,054	95	59,931
Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	542	261,653	295	93,147	247	168,506
Social sciences and humanities research and development	541720	6	1,731	5	1,178	1	553

r = relative standard error &gt; 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. Industry classification is based on dominant establishment payroll. 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, 2023 Annual Business Survey: Data Year 2022.