

TABLE 124. Domestic full-time equivalent R&D scientists and engineers, all and federally funded, by industry and company size: 2010 (corrected November 2013)
(Thousands)

Industry and company size	NAICS code	Total	Federally funded
All industries	21–23, 31–33, 42–81	804	74 i
Manufacturing industries	31–33	509	42 i
Food	311	9 i	*
Beverage and tobacco products	312	1	0
Textiles, apparel, and leather products	313–316	1	*
Wood products	321	1	0
Paper	322	5	* i
Printing and related support activities	323	1	*
Petroleum and coal products	324	2 i	*
Chemicals	325	102	1
Basic chemicals	3251	6	*
Resin, synthetic rubber, fibers, and filaments	3252	3	*
Pesticide, fertilizer, and other agricultural chemical	3253	2	*
Pharmaceuticals and medicines	3254	73	1
Soap, cleaning compound, and toilet preparation	3256	9	*
Paint, coating, adhesive, and other chemical	3255, 3259	10	*
Plastics and rubber products	326	8	1 i
Nonmetallic mineral products	327	3	*
Primary metals	331	2	* i
Fabricated metal products	332	9	*
Machinery	333	36	*
Agricultural implement	33311	5	* i
Semiconductor machinery	333295	4	*
Engine, turbine, and power transmission equipment	3336	4	* i
Other machinery	other 333	23	*
Computer and electronic products	334	193	19 i
Communications equipment	3342	39 i	3 i
Semiconductor and other electronic components	3344	60	1
Navigational, measuring, electromedical, and control instruments	3345	60	14 i
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	14	*
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	34 i	13 i
Other measuring and controlling instruments	other 3345	12	*
Other computer and electronic products	other 334	34	*
Electrical equipment, appliances, and components	335	19 i	*
Transportation equipment	336	88	19
Automobiles, bodies, trailers, and parts	3361–3363	36	1
Aerospace products and parts	3364	40	16
Aircraft, aircraft engine, and aircraft parts	336411–336413	35	12
Guided missile, space vehicle, and related parts	336414, 336415, 336419	5	4 i
Military armored vehicle, tank, and tank component	336992	*	0
Other transportation	other 336	11 i	3 i
Furniture and related products	337	2	0
Miscellaneous manufacturing	339	25	1
Medical equipment and supplies	3391	19	* i
Other miscellaneous manufacturing	3399	6	*
Nonmanufacturing industries	21–23, 42–81	296	32
Mining, extraction, and support activities	21	4	*
Utilities	22	1	*
Construction	23	7	*
Wholesale trade	42	4 i	*
Retail trade	44, 45	1	0
Electronic shopping and electronic auctions	454111, 454112	1	0
Other retail trade	other 44, 45	*	0
Transportation and warehousing	48, 49	1	*
Information	51	139 i	1 i

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Publishing	511	108	1 i
Newspaper, periodical, book, and directory publishers	5111	3	0
Software publishers	5112	105	1 i
Telecommunications	517	8 i	*
Data processing, hosting, and related services	518	11 i	* i
Other information	other 51	13 i	*
Finance and insurance	52	7	0
Real estate and rental and leasing	53	1	0
Professional, scientific, and technical services	54	121	31
Architectural, engineering, and related services	5413	23	8
Computer systems design and related services	5415	50	3
Scientific R&D services	5417	35	16
Biotechnology R&D	541711	10	2
Physical, engineering, and life sciences (except biotechnology) R&D	541712	24	13
Social sciences and humanities R&D	541720	1	*
Other professional, scientific, and technical services	other 54	13	4
Health care services	621-623	2	* i
Other nonmanufacturing	55, 56, 624, 71, 72, 81	8 i	*
All companies (number of employees)	-	804	74 i
Small companies (number of employees) ^a			
5-499	-	208	24
5-99	-	125	18
5-49	-	89	14
5-9	-	13	3
10-24	-	38	7
25-49	-	38	4
50-99	-	36	4
100-249	-	49	4
250-499	-	35	2
Medium and large companies (number of employees)			
500-999	-	32	2
1,000-4,999	-	126	5 i
5,000-9,999	-	71	8 i
10,000-24,999	-	112	16 i
25,000 or more	-	254	20 i

* = amount < \$500,000; i = value > 50% of estimate is a combination of imputation and reweighting to account for nonresponse.

NAICS = 2007 North American Industry Classification System.

^a Upper bound based on U.S. Small Business Administration's definition of small business; Business R&D and Innovation Survey (BRDIS) does not include companies with fewer than five domestic employees.

NOTES: Detail may not add to total because of rounding. Industry classification based on dominant business code for domestic R&D performance where available. For companies that did not report business codes, classification used for sampling was assigned. Statistics are representative of companies located in United States that performed or funded R&D.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics and U.S. Census Bureau, Business R&D and Innovation Survey, 2010.