

TABLE 125. Foreign R&D employment, by occupation, industry, and company size: 2010
(Thousands)

Industry and company size	NAICS code	Total	R&D scientists and engineers and their managers	R&D technicians and technologists	R&D support staff (clerical and others)
All industries	21-23, 31-33, 42-81	512	357	97	58
Manufacturing industries	31-33	331	237	62	32
Food	311	6	4 i	2	*
Beverage and tobacco products	312	4	3	1	*
Textiles, apparel, and leather products	313-316	1	*	*	*
Wood products	321	*	*	*	*
Paper	322	4	3	1	*
Printing and related support activities	323	*	*	*	*
Petroleum and coal products	324	2	1	1	1
Chemicals	325	64	37	16	12
Basic chemicals	3251	6	3	3	1
Resin, synthetic rubber, fibers, and filaments	3252	2 i	1 i	1 i	* i
Pesticide, fertilizer, and other agricultural chemical	3253	D	2	1	D
Pharmaceuticals and medicines	3254	39	21	9	9
Soap, cleaning compound, and toilet preparation	3256	6	5	*	1
Paint, coating, adhesive, and other chemical	3255, 3259	D	5	3	D
Plastics and rubber products	326	6	4	1	1
Nonmetallic mineral products	327	5	2 i	2	*
Primary metals	331	1	1	*	*
Fabricated metal products	332	2	1	*	*
Machinery	333	20	16	2	2
Agricultural implement	33311	2	2	*	*
Semiconductor machinery	333295	2	1	*	*
Engine, turbine, and power transmission equipment	3336	2	1	*	*
Other machinery	other 333	15	12	1 i	1
Computer and electronic products	334	124	94	20	10
Communications equipment	3342	30	20	8	2
Semiconductor and other electronic components	3344	53	43	5	5
Navigational, measuring, electromedical, and control instruments	3345	17	12	4	1
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	3	2 i	*	* i
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	3	2	1	*
Other measuring and controlling instruments	other 3345	11	7	3 i	1 i
Other computer and electronic products	other 334	25	19 i	4	2
Electrical equipment, appliances, and components	335	22	17	4 i	1 i
Transportation equipment	336	60	47	9	4
Automobiles, bodies, trailers, and parts	3361-3363	38	32	4 i	2 i
Aerospace products and parts	3364	21	15	4	1
Aircraft, aircraft engine, and aircraft parts	336411-336413	21	15	4	1
Guided missile, space vehicle, and related parts	336414, 336415, 336419	*	*	*	*
Military armored vehicle, tank, and tank components	336992	0	0	0	0
Other transportation	other 336	1 i	1 i	* i	* i

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Furniture and related products	337	*	*	*	*
Miscellaneous manufacturing	339	10	7	2	1
Medical equipment and supplies	3391	5	3	1	1
Other miscellaneous manufacturing	3399	5	4	1	*
Nonmanufacturing industries	21–23, 42–81	181	120	35	26
Mining, extraction, and support activities	21	2	1	*	* i
Utilities	22	*	*	*	*
Construction	23	1	1	0	0
Wholesale trade	42	1	*	*	*
Retail trade	44, 45	1	*	*	*
Electronic shopping and electronic auctions	454111, 454112	*	*	*	*
Other retail trade	other 44, 45	*	*	*	*
Transportation and warehousing	48, 49	*	0	*	*
Information	51	92	76	8	8
Publishing	511	81	68	6	7
Newspaper, periodical, book, and directory publishers	5111	*	*	*	*
Software publishers	5112	81	68	6	7
Telecommunications	517	2	1	1	*
Data processing, hosting, and related services	518	2	2	1	*
Other information	other 51	7	5	1	*
Finance and insurance	52	5	2	2	1
Real estate and rental and leasing	53	*	*	*	*
Professional, scientific, and technical services	54	79	38	24	17
Architectural, engineering, and related services	5413	2 i	2 i	* i	* i
Computer systems design and related services	5415	46	26	16	4
Scientific R&D services	5417	25	7	6	12
Biotechnology R&D	541711	7	5	1	1
Physical, engineering, and life sciences (except biotechnology) R&D	541712	18	2	5	11
Social sciences and humanities R&D	541720	*	*	* i	*
Other professional, scientific, and technical services	other 54	6	3	2 i	1 i
Health care services	621–623	* i	* i	* i	* i
Other nonmanufacturing	55, 56, 624, 71, 72, 81	1	1	* i	*
All companies (number of employees)	–	512	357	97	58
Small companies (number of employees) ^a					
5–499	–	51	31	16	4
5–99	–	25	13	10	1
5–49	–	14	6	7	1
5–9	–	4	1	4	*
10–24	–	5	2	2	*
25–49	–	5	3	1	*

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50-99	-	11	7 i	3	1 i
100-249	-	13	9	3	2
250-499	-	13	9	2	1
Medium and large companies (number of employees)					
500-999	-	14	9	3	2
1,000-4,999	-	105	76	19	10
5,000-9,999	-	77	46	15	16
10,000-24,999	-	72	43	19	10
25,000 or more	-	193	152	26	16

* = amount < 500 employees; D = data withheld to avoid disclosing operations of individual companies; 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.