

TABLE 58

Total patent licensing revenue to companies located in the United States that performed or funded R&D, by industry and company size: 2015

(Millions of U.S. dollars)

Industry and company size	NAICS code	Revenue ^a
All industries	21-23, 31-33, 42-81	22,679
Manufacturing industries	31-33	20,311
Food	311	116
Beverages and tobacco products	312	1
Textiles, apparel, and leather products	313-16	112
Wood products	321	1
Paper	322	19
Printing and related support activities	323	2
Petroleum and coal products	324	7
Chemicals	325	6,876
Basic chemicals	3251	D
Resins, synthetic rubber, and artificial synthetic fibers and filaments	3252	91
Pesticides, fertilizers, and other agricultural chemicals	3253	D
Pharmaceuticals and medicines	3254	4,435
Soaps, cleaning compounds, and toilet preparations	3256	12
Paints, coatings, adhesives, and other chemicals	3255, 3259	D
Plastics and rubber products	326	63
Nonmetallic mineral products	327	51
Primary metals	331	*
Fabricated metal products	332	18
Machinery	333	564
Agricultural implements	33311	1
Semiconductor machinery	333242	45
Engines, turbines, and power transmission equipment	3336	15
Other machinery	other 333	504
Computer and electronic products	334	10,972
Communications equipment	3342	717
Semiconductors and other electronic components	3344	9,645
Navigational, measuring, electromedical, and control instruments	3345	564
Electromedical, electrotherapeutic, and irradiation apparatuses	334510, 334517	D
Search, detection, navigation, guidance, aeronautical, and nautical systems and instruments	334511	D
Other measuring and controlling devices	other 3345	232
Other computer and electronic products	other 334	46
Electrical equipment, appliances, and components	335	311
Transportation equipment	336	762
Automobiles, bodies, trailers, and parts	3361-63	739
Aerospace products and parts	3364	5
Aircraft, aircraft engines, and aircraft parts	336411-13	5
Guided missiles, space vehicles, and related parts	336414-15, 336419	0
Military armored vehicles, tanks, and tank components	336992	0
Other transportation	other 336	18
Furniture and related products	337	*
Miscellaneous manufacturing	339	434
Medical equipment and supplies	3391	427
Other miscellaneous manufacturing	3399	8
Nonmanufacturing industries	21-23, 42-81	2,368
Mining, extraction, and support activities	21	D
Utilities	22	*
Wholesale trade	42	*
Electronic shopping and electronic auctions	454111-12	0
Transportation and warehousing	48-49	0

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Industry and company size	NAICS code	Revenue ^a
Information	51	1,188
Publishing	511	340
Newspaper, periodical, book, and directory publishers	5111	0
Software publishers	5112	340
Telecommunications	517	D
Data processing, hosting, and related services	518	413
Other information	other 51	D
Finance and insurance	52	35
Real estate and rental and leasing	53	D
Lessors of nonfinancial intangible assets (except copyrighted works)	533	D
Other real estate and rental and leasing	other 53	0
Professional, scientific, and technical services	54	752
Architectural, engineering, and related services	5413	315
Computer systems design and related services	5415	177
Scientific research and development services	5417	160
Biotechnology research and development	541711	91
Physical, engineering, and life sciences (except biotechnology) research and development	541712	69
Social sciences and humanities research and development	541720	0
Other professional, scientific, and technical services	other 54	101
Health care services	621-23	12
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	10
All companies (number of domestic employees)	-	22,679
Micro companies ^b		
5-9	-	6
Small companies		
10-19	-	33
20-49	-	258
Medium companies		
50-99	-	243
100-249	-	335
Large companies		
250-499	-	1,212
500-999	-	927
1,000-4,999	-	2,627
5,000-9,999	-	1,755
10,000-24,999	-	13,398
25,000 or more	-	1,885

* = amount < \$500,000; D = data withheld to avoid disclosing operations of individual companies.

NAICS = 2012 North American Industry Classification System.

^a Amounts received from all patent licensing activities during 2015. ^b Business R&D and Innovation Survey does not include companies with fewer than five domestic employees.**Note(s)**

Statistics are representative of companies in the United States that were eligible to receive Form BRDI-1 and performed or funded R&D. Detail may not add to total because of rounding. Industry classification is based on the dominant business code for domestic R&D performance, where available. For companies that did not report business codes, the classification used for sampling was assigned.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2015.