

Table 69. Total patent licensing revenue of companies located in the United States that performed or funded R&D, by industry and company size: 2024

(Millions of U.S. dollars)

Industry and company size	NAICS code	Revenue ^a	
All industries	21–23, 31–33, 42–81	28,899	
Manufacturing industries	31–33	26,419	
Food	311	62	
Beverage and tobacco products	312	0	
Textile, apparel, and leather products	313–16	4	
Wood products	321	0	
Paper	322	1	
Printing and related support activities	323	0	
Petroleum and coal products	324	113	
Chemicals	325	15,517	
Basic chemicals	3251	12	
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	230	
Pesticide, fertilizer, and other agricultural chemicals	3253	0	
Pharmaceuticals and medicines	3254	15,008	
Soap, cleaning compound, and toilet preparations	3256	0	
Paint, coating, adhesive, and other chemicals	3255, 3259	267	
Plastics and rubber products	326	28	
Nonmetallic mineral products	327	0	
Primary metals	331	3	
Fabricated metal products	332	93	
Machinery	333	229	
Agricultural implement	33311	D	
Semiconductor machinery	333242	D	
Engine, turbine, and power transmission equipment	3336	*	
Other machinery	other 333	176	
Computer and electronic products	334	8,381	
Communications equipment	3342	2	i
Semiconductor and other electronic components	3344	D	
Navigational, measuring, electromedical, and control instruments	3345	41	
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	30	
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	5	
Other measuring and controlling devices	other 3345	5	
Other computer and electronic products	other 334	D	
Electrical equipment, appliances, and components	335	316	
Transportation equipment	336	1,135	i
Motor vehicles, bodies, trailers, and parts	3361–63	629	i
Aerospace products and parts	3364	495	
Aircraft, aircraft engine, and aircraft parts	336411–13	D	
Guided missile, space vehicle, and related parts	336414–15, 336419	D	
Military armored vehicle, tank, and tank components	336992	0	
Other transportation	other 336	11	
Furniture and related products	337	0	
Miscellaneous	339	538	
Medical equipment and supplies	3391	430	
Other miscellaneous manufacturing	3399	108	
Nonmanufacturing industries	21–23, 42–81	2,480	
Mining, quarrying, oil and gas extraction, and support activities	21	*	
Utilities	22	*	
Wholesale trade	42	3	
Electronic shopping and electronic auctions	454111–12	0	
Transportation and warehousing	48–49	0	
Information	51	1,567	

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Industry and company size	NAICS code	Revenue ^a
Publishing	511	930
Newspaper, periodical, book, and directory publishers	5111	0
Software publishers	5112	930
Telecommunications	517	D
Data processing, hosting, and related services	518	573
Other information	other 51	D
Finance and insurance	52	2
Real estate and rental and leasing	53	0
Lessors of nonfinancial intangible assets (except copyrighted works)	533	0
Other real estate and rental and leasing	other 53	0
Professional, scientific, and technical services	54	882
Architectural, engineering, and related services	5413	52 r
Computer systems design and related services	5415	417
Scientific research and development services	5417	380
Research and development in nanotechnology	541713	1
Research and development in biotechnology (except nanobiotechnology)	541714	10
Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	368
Research and development in the social sciences and humanities	541720	0
Other professional, scientific, and technical services	other 54	33 r
Health care services	621–23	27
Other nonmanufacturing	23, 44–45 (excluding 454111–12), 55–56, 624, 71–72, 81	*
All companies (number of domestic employees)	–	28,899
Small companies		
10–19 ^b	–	23
20–49	–	350
Medium companies		
50–99	–	351
100–249	–	2,164
Large companies		
250–499	–	1,562
500–999	–	380
1,000–4,999	–	3,122
5,000–9,999	–	675
10,000–24,999	–	16,087
25,000 or more	–	4,185 i

* = amount < \$500,000; D = data withheld to avoid disclosing operations of individual companies; i = more than 50% of the estimate is a combination of imputation and reweighting to account for nonresponse; r = relative standard error is more than 50%.

NAICS = 2017 North American Industry Classification System.

^a Amounts received from all patent licensing activities during 2024.

^b The Business Enterprise Research and Development Survey does not include companies with fewer than 10 domestic employees.

Note(s):

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. Statistics are representative of companies located in the United States that performed or funded \$50,000 or more of R&D.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2024.