

TABLE 66. Importance of trade secrets, by industry and company size: 2013
(Percent)^a

Industry and company size	NAICS code	Very important	Somewhat important	Not important
All industries	21–23, 31–33, 42–81	57.2	19.9	22.8
Manufacturing industries	31–33	59.4	20.7	19.8
Food	311	77.0	8.2	14.8
Beverage and tobacco products	312	63.3	D	D
Textile, apparel, and leather products	313–16	51.8	39.3	8.9
Wood products	321	72.2	D	D
Paper	322	60.8	19.6	19.6
Printing and related support activities	323	54.5	28.3	17.2
Petroleum and coal products	324	D	D	0.0
Chemicals	325	72.9	16.9	10.2
Basic chemicals	3251	81.0	10.8	8.2
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	75.2	D	D
Pesticide, fertilizer, and other agricultural chemicals	3253	62.2	D	D
Pharmaceuticals and medicines	3254	71.4	16.5	12.1
Soap, cleaning compound, and toilet preparation	3256	59.6	26.6	13.8
Paint, coating, adhesive, and other chemicals	3255, 3259	80.1	12.4	7.5
Plastics and rubber products	326	56.0	18.8	25.1
Nonmetallic mineral products	327	73.0	D	D
Primary metals	331	58.4	23.8	17.9
Fabricated metal products	332	47.0	26.7	26.3
Machinery	333	54.1	31.3	14.6
Agricultural implement	33311	34.5	51.4	14.2
Semiconductor machinery	333295	77.6	D	D
Engine, turbine, and power transmission equipment	3336	55.3	18.9	25.7
Other machinery	other 333	54.8	31.0	14.3
Computer and electronic products	334	65.1	15.0	20.0
Communications equipment	3342	72.7	11.7	15.6
Semiconductor and other electronic components	3344	48.8	12.1	39.1
Navigational, measuring, electromedical, and control instruments	3345	66.1	21.1	12.8
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	70.8	19.3	9.9
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument	334511	73.9	10.1	16.0
Other measuring and controlling device	other 3345	62.3	24.3	13.4
Other computer and electronic products	other 334	81.9	12.4	5.8
Electrical equipment, appliances, and components	335	65.4	22.0	12.6
Transportation equipment	336	46.5	36.3	17.3
Automobiles, bodies, trailers, and parts	3361, 3362, 3363	42.5	46.7	10.9
Aerospace products and parts	3364	50.8	18.9	30.2
Aircraft, aircraft engine, and aircraft parts	336411–13	49.6	20.8	29.6
Guided missile, space vehicle, and related parts	336414–15, 336419	63.6	0.0	36.4
Military armored vehicle, tank, and tank components	336992	D	0.0	D
Other transportation	other 336	58.3	19.2	22.5
Furniture and related products	337	50.0	33.3	16.7
Miscellaneous manufacturing	339	44.1	14.6	41.3
Medical equipment and supplies	3391	67.3	19.3	13.4
Other miscellaneous manufacturing	3399	23.1	10.2	66.6
Nonmanufacturing industries	21–23, 42–81	54.4	19.0	26.6
Mining, extraction, and support activities	21	74.6	18.7	6.8
Utilities	22	30.1	49.7	20.2
Wholesale trade	42	S	S	S
Electronic shopping and electronic auctions	454111–12	44.4	D	D
Transportation and warehousing	48–49	50.0	21.4	28.6
Information	51	55.5	21.2	23.3
Publishing	511	60.5	21.5	18.0
Newspaper, periodical, book, and directory publishers	5111	0.0	0.0	100.0

TABLE 66. Importance of trade secrets, by industry and company size: 2013
(Percent)^a

Industry and company size	NAICS code	Very important	Somewhat important	Not important
Software publishers	5112	61.1	21.7	17.3
Telecommunications	517	39.3	25.3	35.4
Data processing, hosting, and related services	518	55.7	18.5	25.9
Other information	other 51	41.8	26.2	32.0
Finance and insurance	52	47.8	12.7	39.6
Real estate and rental and leasing	53	D	0.0	D
Lessors of nonfinancial intangible assets (except copyrighted works)	533	100.0	0.0	0.0
Other real estate and rental and leasing	other 53	D	0.0	D
Professional, scientific, and technical services	54	59.5	19.1	21.4
Architectural, engineering, and related services	5413	55.7	15.3	29.0
Computer systems design and related services	5415	65.5	19.3	15.2
Scientific research and development services	5417	51.1	20.3	28.6
Biotechnology research and development	541711	57.9	25.4	16.6
Physical, engineering, and life sciences (except biotechnology) research and development	541712	50.9	19.0	30.1
Social sciences and humanities research and development	541720	9.8	D	D
Other professional, scientific, and technical services	other 54	75.1	18.3	6.6
Health care services	621–23	55.5	18.4	26.1
Other nonmanufacturing	23, 44–45 (excluding 454111–12), 55–56, 624, 71–72, 81	17.6	9.5	72.9
All companies (number of domestic employees)	–	57.2	19.9	22.8
Small companies ^b				
5–499	–	55.1	19.4	25.5
5–99	–	53.9	18.5	27.7
5–49	–	53.5	15.0	31.5
5–9	–	46.7	20.6	32.7
10–24	–	69.2	15.3	15.5
25–49	–	45.0	12.7	42.4
50–99	–	54.9	27.8	17.3
100–249	–	56.3	20.5	23.2
250–499	–	59.4	22.7	17.8
Medium and large companies				
500–999	–	56.8	27.1	16.1
1,000–4,999	–	67.6	21.2	11.2
5,000–9,999	–	68.9	19.7	11.5
10,000–24,999	–	81.2	12.8	6.0
25,000 or more	–	79.7	13.6	6.8

D = data withheld to avoid disclosing operations of individual companies; S = data withheld as more than 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

NAICS = 2007 North American Industry Classification System.

^a Statistics are representative of companies in the United States that were eligible to receive Form BRDI-1 and performed or funded R&D. These statistics are not comparable to estimates prior to 2012 as those estimates are representative of all companies in the United States.

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

NOTES: 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.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2013.