

TABLE 42. Importance of trade secrets for R&D-active and non-R&D-active companies, by industry: 2008
(Percent)

Industry and company size	NAICS code	All companies			R&D-active companies ^a			Non-R&D-active companies		
		Very important	Somewhat important	Not important	Very important	Somewhat important	Not important	Very important	Somewhat important	Not important
All industries	21–23, 31–33, 42–81	6	8	85	45	22	33	5	8	87
Manufacturing industries	31–33	17	14	69	50	24	26	10	12	78
Food	311	22	20	59	56	20	25	16	20	64
Beverage and tobacco products	312	11	20	69	31	7	61	9	22	70
Textiles, apparel, and leather products	313–316	13	15	72	41	37	22	9	12	78
Wood products	321	5	14	81	20	67	13	5	11	84
Paper	322	14	12	75	51	18	31	11	11	78
Printing and related support activities	323	8	10	82	38	11	50	7	10	83
Petroleum and coal products	324	20	13	66	80	12	8	11	14	75
Chemicals	325	50	17	33	68	13	19	33	20	47
Basic chemicals	3251	53	20	27	82	10	8	31	27	41
Resin, synthetic rubber, fibers, and filaments	3252	23	9	69	42	12	46	11	6	83
Pesticide, fertilizer, and other agricultural chemical	3253	23	16	62	41	48	11	17	7	76
Pharmaceuticals and medicines	3254	57	19	24	67	14	19	9	46	46
Soap, cleaning compound, and toilet preparation	3256	52	14	35	76	13	11	42	14	44
Paint, coating, adhesive, and other chemical	3255, 3259	54	17	30	67	11	22	41	22	37
Plastics and rubber products	326	23	11	66	60	16	24	13	9	77
Nonmetallic mineral products	327	14	8	78	62	21	17	10	7	83
Primary metals	331	16	15	70	34	16	51	14	14	72
Fabricated metal products	332	9	11	79	34	25	40	7	9	84
Machinery	333	21	16	62	47	24	29	14	14	72
Agricultural implements	33311	18	10	71	18	21	61	D	D	80
Semiconductor machinery	333295	D	D	2	D	D	2	D	D	D
Engine, turbine, and power transmission equipment	3336	26	39	35	18	59	23	32	24	44
Other machinery	other 333	20	16	64	47	24	29	14	14	72
Computer and electronic products	334	36	18	46	58	25	17	17	12	71
Communications equipment	3342	48	14	38	59	21	20	30	1	69
Semiconductor and other electronic components	3344	25	15	60	57	27	15	10	9	81
Navigational, measuring, electromedical, and control instruments	3345	47	20	33	63	24	13	28	17	55
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	58	14	1	74	16	10	D	D	1
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	51	41	8	52	43	6	D	D	D
Other measuring and controlling instruments	other 3345	44	17	39	64	20	15	25	14	61
Computer and peripheral equipment and other computer and electronic products	3341, 3343, 3346	28	22	50	46	28	27	10	17	74
Electrical equipment, appliances, and components	335	25	23	52	51	27	22	10	21	69
Transportation equipment	336	19	12	69	48	27	25	10	8	82
Automobiles, bodies, trailers, and parts	3361–3363	17	13	70	42	36	23	12	9	79
Aerospace products and parts	3364	32	9	59	74	18	8	6	3	91
Aircraft, aircraft engine, and aircraft parts	336411–336413	28	10	62	70	22	8	6	3	91
Guided missile, space vehicle, and related parts	336414, 336415, 336419	1	1	1	1	1	1	D	D	D
Military armored vehicle, tank, and tank components	336992	18	D	D	D	D	0	D	D	D
Other transportation equipment	other 336	15	12	73	34	23	44	7	7	86
Furniture and related products	337	8	12	80	36	27	36	6	11	83

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Industry and company size	NAICS code	All companies			R&D-active companies ^a			Non-R&D-active companies		
		Very important	Somewhat important	Not important	Very important	Somewhat important	Not important	Very important	Somewhat important	Not important
Miscellaneous manufacturing	339	18	18	64	40	35	25	11	13	76
Medical equipment and supplies	3391	22	16	62	42	28	30	13	11	76
Other miscellaneous manufacturing	3399	16	20	64	39	41	20	10	14	76
Nonmanufacturing industries	21-23, 42-81	5	8	87	41	20	39	5	8	88
Mining, extraction, and support activities	21	4	8	88	23	11	67	4	8	89
Utilities	22	13	21	66	19	61	19	12	13	75
Construction	23	2	7	92	1	1	1	2	7	92
Wholesale trade	42	10	13	78	43	22	34	9	13	78
Retail trade	44, 45	4	8	89	4	1	95	4	8	89
Electronic shopping and mail-order houses	4541	18	11	71	D	14	D	17	11	72
Other retail trade	other 44, 45	3	8	89	D	D	D	3	8	89
Transportation and warehousing	48, 49	5	5	90	50	48	2	4	5	91
Information	51	18	19	64	55	25	20	9	17	74
Publishing	511	26	15	59	64	17	19	10	15	75
Newspaper, periodical, book, and directory publishers	5111	5	14	82	11	10	79	5	14	82
Software publishers	5112	59	18	23	65	17	18	43	20	37
Telecommunications	517	12	16	72	77	10	13	5	16	79
Internet service providers, Web search portals, and data processing services	518	21	30	50	28	50	22	17	21	62
Other information	other 51	8	18	74	47	21	32	7	18	75
Finance and insurance	52	5	9	86	65	22	13	5	9	86
Real estate and rental and leasing	53	4	4	92	D	2	D	3	4	93
Professional, scientific, and technical services	54	8	9	82	41	22	36	6	9	85
Architectural, engineering, and related services	5413	5	11	83	40	36	24	4	10	86
Computer systems design and related services	5415	22	21	57	41	25	34	17	20	63
Scientific R&D services	5417	43	11	46	54	13	33	24	8	67
Other professional, scientific, and technical services	other 54	6	7	88	34	20	46	5	7	89
Health care services	621-623	2	4	94	46	3	51	2	4	94
Other nonmanufacturing	55, 56, 61, 624, 71, 72, 81	6	8	86	29	24	48	6	8	86

D = data withheld to avoid disclosing operations of individual companies.

NAICS = 2002 North American Industry Classification System.

^a Statistics are representative of companies located in United States that performed or funded R&D.

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.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics and U.S. Census Bureau, Business R&D and Innovation Survey, 2008.