

TABLE 91. Importance of trade secrets for R&D-active and non-R&D-active companies, by industry: 2009
(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	86	41	23	37	5	7	88
Manufacturing industries	31-33	17	14	68	44	24	32	9	11	80
Food	311	23	18	58	52	24	25	14	17	70
Beverage and tobacco products	312	10	21	69	33	25	42	7	20	73
Textiles, apparel, and leather products	313-316	12	11	77	22	25	52	9	7	84
Wood products	321	5	9	86	26	30	44	3	7	90
Paper	322	11	19	71	43	27	30	4	17	79
Printing and related support activities	323	7	9	83	33	25	43	5	8	87
Petroleum and coal products	324	19	17	64	51	13	36	5	18	76
Chemicals	325	47	17	36	67	14	20	21	20	59
Basic chemicals	3251	46	17	37	69	14	17	21	21	58
Resin, synthetic rubber, fibers, and filaments	3252	43	12	45	58	17	25	1	1	1
Pesticide, fertilizer, and other agricultural chemical	3253	38	7	55	64	12	24	17	4	80
Pharmaceuticals and medicines	3254	66	14	20	73	10	16	39	28	33
Soap, cleaning compound, and toilet preparation	3256	41	25	35	68	18	14	20	30	50
Paint, coating, adhesive, and other chemical	3255, 3259	42	16	42	61	15	24	15	17	68
Plastics and rubber products	326	19	18	63	39	21	40	11	17	72
Nonmetallic mineral products	327	12	13	75	24	27	49	10	11	79
Primary metals	331	20	17	64	33	26	41	18	15	67
Fabricated metal products	332	11	10	80	35	19	47	6	8	85
Machinery	333	20	22	59	39	32	29	11	17	72
Agricultural implements	33311	17	19	64	39	17	44	5	20	75
Semiconductor machinery	333295	70	11	19	79	8	13	D	D	45
Engine, turbine, and power transmission equipment	3336	13	18	69	45	35	20	D	D	87
Other machinery	other 333	20	22	58	38	33	29	11	17	72
Computer and electronic products	334	40	19	40	55	23	22	22	15	63
Communications equipment	3342	44	26	30	55	29	15	17	17	67
Semiconductor and other electronic components	3344	39	16	45	59	20	21	25	12	63
Navigational, measuring, electromedical, and control instruments	3345	42	19	39	54	21	24	15	14	70
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	44	17	39	65	27	9	D	D	80
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	58	10	32	70	12	18	D	D	79
Other measuring and controlling instruments	other 3345	39	21	40	50	22	28	15	18	67
Computer and peripheral equipment and other computer and electronic products	3341, 3343, 3346	36	24	41	48	25	27	24	23	54
Electrical equipment, appliances, and components	335	36	16	48	59	20	21	15	12	74
Transportation equipment	336	21	14	65	39	23	38	12	8	80
Automobiles, bodies, trailers, and parts	3361-3363	17	14	70	28	28	44	12	8	80
Aerospace products and parts	3364	36	15	50	52	19	29	7	7	85
Aircraft, aircraft engine, and aircraft parts	336411-336413	36	14	50	51	19	30	7	6	87
Guided missile, space vehicle, and related parts	336414, 336415, 336419	40	26	34	D	D	17	D	D	50

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Military armored vehicle, tank, and tank components	336992	33	0	67	34	0	66	32	0	68
Other transportation equipment	other 336	23	12	64	48	13	39	14	12	74
Furniture and related products	337	4	7	89	16	21	62	2	5	93
Miscellaneous manufacturing	339	23	18	59	44	35	21	11	10	79
Medical equipment and supplies	3391	24	18	58	50	32	18	11	11	78
Other miscellaneous manufacturing	3399	22	19	59	41	36	23	12	9	79
Nonmanufacturing industries	21–23, 42–81	5	7	87	38	21	41	5	7	88
Mining, extraction, and support activities	21	6	3	91	48	31	21	6	3	91
Utilities	22	12	4	84	42	31	27	9	1	90
Construction	23	4	5	92	45	24	31	4	5	92
Wholesale trade	42	9	12	79	58	8	35	9	12	79
Retail trade	44, 45	5	8	87	6	5	89	5	8	87
Electronic shopping and mail-order houses	4541	11	15	75	D	49	D	11	14	75
Other retail trade	other 44, 45	5	8	88	4	2	93	5	8	88
Transportation and warehousing	48, 49	3	3	94	1	1	1	3	3	94
Information	51	21	17	62	49	27	24	11	13	76
Publishing	511	27	18	55	52	27	21	13	13	74
Newspaper, periodical, book, and directory publishers	5111	13	13	74	19	45	36	12	10	78
Software publishers	5112	51	27	22	57	25	18	18	40	42
Telecommunications	517	23	12	65	76	13	12	9	11	80
Data processing, hosting, and related services	518	30	25	45	50	31	20	20	22	58
Other information	other 51	11	13	76	24	30	46	8	10	81
Finance and insurance	52	8	12	80	63	14	23	8	12	81
Real estate and rental and leasing	53	1	10	89	43	16	41	1	10	89
Professional, scientific, and technical services	54	10	11	78	37	20	43	7	10	84
Architectural, engineering, and related services	5413	9	13	79	29	26	45	6	11	84
Computer systems design and related services	5415	33	18	49	50	25	25	23	14	63
Scientific R&D services	5417	46	17	37	50	18	32	30	12	58
Biotechnology R&D	541711	50	17	33	49	17	34	D	D	20
Physical, engineering, and life sciences (except biotechnology) R&D	541712	53	18	29	54	20	26	D	D	44
Social sciences and humanities R&D	541720	6	11	83	7	7	86	D	D	82
Other professional, scientific, and technical services	other 54	6	9	85	22	12	66	5	9	86
Health care services	621–623	2	2	96	43	2	56	1	2	96
Other nonmanufacturing	55, 56, 61, 624, 71, 72, 81	5	7	88	5	32	63	5	7	88
All companies	21–23, 31–33, 42–81	6	8	86	41	23	37	5	7	88
Small companies (number of domestic employees) ^b										
5–499	–	6	8	86	40	23	37	5	7	88
5–99	–	6	8	86	39	23	38	5	7	88
5–49	–	6	7	87	39	22	40	5	7	88
5–24	–	5	7	87	38	21	41	4	7	89

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25-49	-	9	9	83	42	22	36	7	8	86
50-99	-	8	11	81	42	28	30	5	10	85
100-249	-	13	14	73	47	21	31	9	13	78
250-499	-	17	8	75	47	26	27	12	5	83
Medium and large companies (number of domestic employees)										
500-999	-	18	17	65	46	31	23	10	14	76
1,000-4,999	-	25	15	60	58	22	20	17	13	71
5,000-9,999	-	35	11	54	67	13	1	9	9	82
10,000-24,999	-	59	15	26	80	16	4	29	13	58
25,000 or more	-	54	13	33	81	14	5	30	13	57

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

NAICS = 2007 North American Industry Classification System.

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

^b 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.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics and U.S. Census Bureau, Business R&D and Innovation Survey, 2009.