

TABLE 90. Importance of copyrights 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 <sup>a</sup>			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	4	6	90	23	22	54	4	5	91
Manufacturing industries	31-33	9	11	80	20	23	57	5	7	88
Food	311	8	12	80	18	16	66	4	11	85
Beverage and tobacco products	312	13	10	77	30	21	49	10	8	82
Textiles, apparel, and leather products	313-316	7	11	81	10	23	67	7	1	85
Wood products	321	3	7	90	11	22	68	3	6	92
Paper	322	4	11	85	13	25	62	2	9	89
Printing and related support activities	323	10	10	80	24	20	56	9	9	82
Petroleum and coal products	324	9	5	86	25	10	65	2	3	95
Chemicals	325	17	19	64	27	20	52	4	17	80
Basic chemicals	3251	19	20	61	35	24	41	2	15	82
Resin, synthetic rubber, fibers, and filaments	3252	13	25	62	20	30	50	1	D	1
Pesticide, fertilizer, and other agricultural chemical	3253	17	12	71	28	20	52	D	D	86
Pharmaceuticals and medicines	3254	35	18	47	43	18	39	1	20	73
Soap, cleaning compound, and toilet preparation	3256	14	18	68	25	21	54	6	16	78
Paint, coating, adhesive, and other chemical	3255, 3259	8	19	74	12	19	69	1	18	81
Plastics and rubber products	326	6	13	81	12	29	59	3	6	91
Nonmetallic mineral products	327	5	9	86	10	19	71	4	7	89
Primary metals	331	6	11	83	10	20	70	6	10	85
Fabricated metal products	332	5	6	89	17	13	70	3	5	92
Machinery	333	10	13	77	17	25	58	7	8	86
Agricultural implements	33311	7	19	73	15	37	48	3	10	87
Semiconductor machinery	333295	38	27	35	46	27	28	D	D	65
Engine, turbine, and power transmission equipment	3336	5	10	85	20	14	66	0	8	92
Other machinery	other 333	10	13	77	16	25	59	7	7	86
Computer and electronic products	334	23	20	57	32	29	39	11	10	80
Communications equipment	3342	29	25	46	41	28	32	D	D	81
Semiconductor and other electronic components	3344	18	14	67	33	23	43	8	8	85
Navigational, measuring, electromedical, and control instruments	3345	22	25	53	25	31	43	15	9	76
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	21	25	55	25	43	32	D	D	84
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	25	27	48	31	34	35	D	D	87
Other measuring and controlling instruments	other 3345	22	24	54	24	30	46	16	11	73
Computer and peripheral equipment and other computer and electronic products	3341, 3343, 3346	29	22	48	41	32	26	18	13	69
Electrical equipment, appliances, and components	335	18	21	61	34	30	36	3	12	85
Transportation equipment	336	7	19	74	12	34	54	3	11	86
Automobiles, bodies, trailers, and parts	3361-3363	5	16	79	10	30	60	3	10	87
Aerospace products and parts	3364	8	30	62	10	44	47	5	5	89
Aircraft, aircraft engine, and aircraft parts	336411-336413	8	30	62	9	44	47	5	6	89
Guided missile, space vehicle, and related parts	336414, 336415, 336419	13	14	73	25	23	51	0	D	D

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Military armored vehicle, tank, and tank components	336992	D	D	84	D	D	D	D	0	D
Other transportation equipment	other 336	10	22	68	31	23	46	2	21	78
Furniture and related products	337	4	3	94	23	11	66	1	2	97
Miscellaneous manufacturing	339	13	12	75	18	23	59	10	7	83
Medical equipment and supplies	3391	9	15	76	11	34	55	8	5	87
Other miscellaneous manufacturing	3399	15	11	74	21	17	61	11	8	81
Nonmanufacturing industries	21–23, 42–81	4	6	90	27	22	51	4	5	91
Mining, extraction, and support activities	21	1	1	98	28	26	46	1	0	99
Utilities	22	8	4	88	25	37	38	7	1	93
Construction	23	2	4	94	13	27	60	2	4	94
Wholesale trade	42	6	8	85	11	44	46	6	8	86
Retail trade	44, 45	3	6	91	5	5	90	3	6	91
Electronic shopping and mail-order houses	4541	17	11	72	D	50	D	17	11	72
Other retail trade	other 44, 45	3	6	91	3	2	95	3	6	91
Transportation and warehousing	48, 49	3	1	96	1	1	1	3	1	96
Information	51	28	18	54	48	21	31	21	17	62
Publishing	511	42	18	40	57	21	22	33	17	49
Newspaper, periodical, book, and directory publishers	5111	36	16	48	75	12	12	33	16	51
Software publishers	5112	51	22	26	54	22	24	38	24	38
Telecommunications	517	7	12	81	13	14	73	6	11	83
Data processing, hosting, and related services	518	29	30	40	45	27	28	22	32	46
Other information	other 51	19	16	65	43	21	36	15	15	70
Finance and insurance	52	6	5	90	30	36	34	6	5	90
Real estate and rental and leasing	53	4	1	95	29	25	46	4	1	95
Professional, scientific, and technical services	54	9	10	80	23	22	55	7	9	84
Architectural, engineering, and related services	5413	11	15	74	19	26	56	10	13	77
Computer systems design and related services	5415	25	24	52	33	33	34	20	18	62
Scientific R&D services	5417	14	23	62	14	23	63	15	26	59
Biotechnology R&D	541711	14	23	63	14	23	63	0	34	66
Physical, engineering, and life sciences (except biotechnology) R&D	541712	13	23	64	13	24	63	14	19	66
Social sciences and humanities R&D	541720	21	26	52	28	13	59	18	32	50
Other professional, scientific, and technical services	other 54	6	7	88	17	8	75	5	7	88
Health care services	621–623	1	3	96	35	2	62	1	3	96
Other nonmanufacturing	55, 56, 61, 624, 71, 72, 81	3	5	92	3	33	65	3	5	92
All companies	21–23, 31–33, 42–81	4	6	90	23	22	54	4	5	91
Small companies (number of domestic employees) <sup>b</sup>										
5–499	–	4	6	90	23	22	55	4	5	91
5–99	–	4	6	90	23	21	56	4	5	91
5–49	–	4	6	90	23	20	57	3	5	91

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5-24	-	4	5	91	23	20	57	3	5	92
25-49	-	5	8	87	22	20	58	4	7	89
50-99	-	6	7	87	24	26	50	5	5	90
100-249	-	7	15	78	22	27	50	5	13	81
250-499	-	12	12	75	27	28	45	10	10	81
Medium and large companies (number of domestic employees)										
500-999	-	13	11	77	28	31	41	8	5	87
1,000-4,999	-	14	20	66	30	44	26	9	14	76
5,000-9,999	-	22	18	60	40	30	1	8	9	84
10,000-24,999	-	35	32	33	44	41	15	22	19	59
25,000 or more	-	38	30	32	52	40	8	27	20	53

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

NAICS = 2007 North American Industry Classification System.

<sup>a</sup> Statistics are representative of companies located in United States that performed or funded R&D.

<sup>b</sup> 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.