

TABLE 39. Importance of design patents 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	2	3	95	15	18	67	1	3	95
Manufacturing industries	31-33	6	9	85	21	25	54	3	6	91
Food	311	3	4	93	13	13	75	2	3	96
Beverage and tobacco products	312	3	5	93	6	11	83	2	4	93
Textiles, apparel, and leather products	313-316	8	11	81	41	45	14	3	6	91
Wood products	321	1	6	93	5	31	64	1	5	94
Paper	322	3	8	88	13	35	52	3	6	91
Printing and related support activities	323	3	4	93	7	25	69	3	3	94
Petroleum and coal products	324	4	3	92	6	13	81	4	2	94
Chemicals	325	11	15	75	17	20	63	5	9	86
Basic chemicals	3251	10	13	78	22	17	61	D	9	D
Resin, synthetic rubber, fibers, and filaments	3252	5	19	77	8	39	52	3	6	91
Pesticide, fertilizer, and other agricultural chemical	3253	3	2	95	13	8	79	D	0	D
Pharmaceuticals and medicines	3254	9	31	60	11	32	57	D	D	74
Soap, cleaning compound, and toilet preparation	3256	13	14	73	29	16	55	6	14	80
Paint, coating, adhesive, and other chemical	3255, 3259	13	7	80	18	8	74	9	6	85
Plastics and rubber products	326	8	14	78	28	27	45	2	10	87
Nonmetallic mineral products	327	2	10	88	11	38	51	1	7	92
Primary metals	331	3	9	88	13	13	74	2	8	90
Fabricated metal products	332	3	7	90	15	19	65	2	5	93
Machinery	333	8	11	81	21	22	58	5	8	87
Agricultural implements	33311	18	19	63	29	26	45	D	D	77
Semiconductor machinery	333295	5	31	64	5	28	66	D	D	D
Engine, turbine, and power transmission equipment	3336	4	12	84	7	16	77	D	D	89
Other machinery	other 333	8	10	82	22	21	57	5	8	87
Computer and electronic products	334	13	15	72	23	24	53	5	7	88
Communications equipment	3342	26	19	55	24	30	46	D	D	71
Semiconductor and other electronic components	3344	7	15	77	20	27	53	1	10	89
Navigational, measuring, electromedical, and control instruments	3345	16	15	69	28	22	50	3	6	91
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	21	31	49	23	41	36	D	1	1
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	13	6	80	20	11	69	D	0	D
Other measuring and controlling instruments	other 3345	16	14	69	31	21	47	3	8	90
Computer and peripheral equipment and other computer and electronic products	3341, 3343, 3346	10	12	78	17	17	66	3	7	89
Electrical equipment, appliances, and components	335	14	15	71	28	25	47	5	9	85
Transportation equipment	336	8	7	85	26	16	58	3	4	93
Automobiles, bodies, trailers, and parts	3361-3363	8	7	86	33	13	55	3	5	91
Aerospace products and parts	3364	9	9	82	21	23	56	1	1	98
Aircraft, aircraft engine, and aircraft parts	336411-336413	9	7	85	24	18	59	1	1	99
Guided missile, space vehicle, and related parts	336414, 336415, 336419	1	1	1	D	1	1	D	D	D
Military armored vehicle, tank, and tank components	336992	D	D	87	D	D	D	D	D	D
Other transportation equipment	other 336	9	7	84	22	15	64	4	3	93
Furniture and related products	337	5	6	89	39	42	20	2	4	93

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Miscellaneous manufacturing	339	11	14	75	26	35	39	6	7	86
Medical equipment and supplies	3391	16	16	69	26	34	40	11	8	82
Other miscellaneous manufacturing	3399	9	13	78	25	37	39	4	7	89
Nonmanufacturing industries	21-23, 42-81	2	3	95	10	13	78	1	3	96
Mining, extraction, and support activities	21	2	2	96	9	9	82	2	2	96
Utilities	22	1	9	90	5	21	75	1	7	93
Construction	23	0	3	97	1	1	1	0	3	97
Wholesale trade	42	4	7	89	30	31	39	4	7	89
Retail trade	44, 45	1	4	95	D	1	D	1	4	95
Electronic shopping and mail-order houses	4541	2	15	83	0	29	71	2	15	83
Other retail trade	other 44, 45	1	4	95	D	D	D	1	4	95
Transportation and warehousing	48, 49	0	1	99	D	D	50	D	1	D
Information	51	2	8	89	7	19	73	1	6	93
Publishing	511	3	7	90	9	13	78	1	4	94
Newspaper, periodical, book, and directory publishers	5111	1	5	94	D	D	87	1	5	94
Software publishers	5112	7	10	83	9	13	78	1	3	96
Telecommunications	517	2	10	88	9	44	47	1	6	93
Internet service providers, Web search portals, and data processing services	518	3	14	84	4	24	72	2	9	89
Other information	other 51	1	6	93	8	35	57	1	5	94
Finance and insurance	52	2	1	97	16	16	68	2	1	97
Real estate and rental and leasing	53	1	0	99	D	D	88	1	D	D
Professional, scientific, and technical services	54	2	4	94	11	13	76	2	3	95
Architectural, engineering, and related services	5413	4	8	89	22	20	58	3	7	90
Computer systems design and related services	5415	4	9	87	7	22	71	3	6	91
Scientific R&D services	5417	11	7	82	12	7	82	10	8	82
Other professional, scientific, and technical services	other 54	1	2	97	11	3	86	1	2	97
Health care services	621-623	1	1	98	0	3	97	1	1	98
Other nonmanufacturing	55, 56, 61, 624, 71, 72, 81	2	2	96	14	2	85	2	3	96

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.