

TABLE 43. Importance of mask works 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	1	2	98	4	6	90	1	2	98
Manufacturing industries	31-33	2	3	95	5	7	88	1	2	97
Food	311	1	4	96	1	12	87	1	2	97
Beverage and tobacco products	312	0	2	98	0	D	D	0	2	98
Textiles, apparel, and leather products	313-316	1	2	97	0	7	92	1	2	97
Wood products	321	D	1	D	D	1	D	0	1	99
Paper	322	2	2	96	D	5	D	D	2	D
Printing and related support activities	323	1	2	97	D	D	D	1	2	97
Petroleum and coal products	324	3	10	87	0	0	100	3	12	85
Chemicals	325	2	5	93	2	6	92	2	4	94
Basic chemicals	3251	1	7	93	D	5	D	D	8	D
Resin, synthetic rubber, fibers, and filaments	3252	1	2	97	3	3	94	D	D	D
Pesticide, fertilizer, and other agricultural chemical	3253	D	D	D	D	0	D	0	D	D
Pharmaceuticals and medicines	3254	1	9	90	1	11	88	D	D	D
Soap, cleaning compound, and toilet preparation	3256	2	4	94	5	D	D	D	D	D
Paint, coating, adhesive, and other chemical	3255, 3259	3	3	94	3	3	94	4	3	94
Plastics and rubber products	326	2	1	97	3	3	94	1	0	98
Nonmetallic mineral products	327	0	3	97	1	12	87	D	3	D
Primary metals	331	2	3	96	3	2	95	D	3	D
Fabricated metal products	332	1	2	96	3	1	96	1	3	96
Machinery	333	3	3	94	8	6	86	2	2	96
Agricultural implements	33311	1	1	98	2	3	95	0	0	100
Semiconductor machinery	333295	78	3	18	82	3	14	D	D	D
Engine, turbine, and power transmission equipment	3336	0	1	99	0	3	97	0	0	100
Other machinery	other 333	2	3	95	3	7	90	2	2	96
Computer and electronic products	334	12	7	81	19	10	71	5	5	90
Communications equipment	3342	18	8	74	11	13	75	D	0	D
Semiconductor and other electronic components	3344	13	7	80	33	11	55	4	5	91
Navigational, measuring, electromedical, and control instruments	3345	11	8	81	19	9	71	D	7	D
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	2	6	91	3	5	92	1	D	1
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	8	14	78	12	24	64	D	0	D
Other measuring and controlling instruments	other 3345	12	7	81	25	6	68	D	D	D
Computer and peripheral equipment and other computer and electronic products	3341, 3343, 3346	5	4	91	5	5	89	4	3	93
Electrical equipment, appliances, and components	335	3	5	92	5	8	87	1	4	95
Transportation equipment	336	2	1	97	1	3	96	2	1	98
Automobiles, bodies, trailers, and parts	3361-3363	2	1	97	1	3	95	3	D	D
Aerospace products and parts	3364	0	1	97	1	1	94	0	D	D
Aircraft, aircraft engine, and aircraft parts	336411-336413	0	1	99	1	2	97	0	D	D
Guided missile, space vehicle, and related parts	336414, 336415, 336419	D	D	1	D	D	1	D	D	D
Military armored vehicle, tank, and tank components	336992	D	0	D	D	0	D	D	D	D
Other transportation equipment	other 336	D	2	D	D	2	D	D	2	D
Furniture and related products	337	0	3	97	3	5	92	D	3	D

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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	1	5	94	1	12	87	1	2	97
Medical equipment and supplies	3391	2	5	93	1	10	89	2	3	95
Other miscellaneous manufacturing	3399	0	4	95	1	14	85	0	2	98
Nonmanufacturing industries	21–23, 42–81	1	2	98	3	6	91	1	1	98
Mining, extraction, and support activities	21	D	0	D	0	9	91	D	0	D
Utilities	22	1	6	94	D	8	D	D	5	D
Construction	23	0	2	98	D	1	1	0	2	98
Wholesale trade	42	1	3	96	7	3	89	1	3	96
Retail trade	44, 45	0	1	98	D	1	D	0	1	98
Electronic shopping and mail-order houses	4541	1	3	96	D	D	75	1	3	96
Other retail trade	other 44, 45	0	1	98	0	D	D	0	1	98
Transportation and warehousing	48, 49	0	2	98	0	47	53	0	1	99
Information	51	1	3	96	3	2	95	0	3	96
Publishing	511	1	1	98	3	2	95	0	1	99
Newspaper, periodical, book, and directory publishers	5111	D	D	D	0	0	100	D	D	D
Software publishers	5112	3	2	96	4	2	95	D	D	D
Telecommunications	517	1	6	93	5	4	91	1	6	93
Internet service providers, Web search portals, and data processing services	518	1	3	97	1	2	97	D	3	D
Other information	other 51	0	5	95	2	4	94	D	5	D
Finance and insurance	52	1	0	99	D	D	89	1	D	D
Real estate and rental and leasing	53	1	D	D	D	D	D	D	0	D
Professional, scientific, and technical services	54	1	2	97	5	8	87	0	2	98
Architectural, engineering, and related services	5413	0	3	97	4	14	82	0	2	98
Computer systems design and related services	5415	1	6	93	4	12	84	0	4	96
Scientific R&D services	5417	2	3	95	1	2	97	5	3	92
Other professional, scientific, and technical services	other 54	1	1	98	9	4	87	0	1	99
Health care services	621–623	0	1	99	0	2	98	0	1	99
Other nonmanufacturing	55, 56, 61, 624, 71, 72, 81	1	2	98	2	0	98	1	2	98

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.