

TABLE 92. Importance of mask works 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	1	2	98	3	6	91	1	1	98
Manufacturing industries	31–33	2	3	95	4	6	90	1	2	97
Food	311	1	2	97	2	1	97	D	2	D
Beverage and tobacco products	312	0	1	99	0	7	93	0	0	100
Textiles, apparel, and leather products	313–316	2	2	96	D	1	D	3	1	95
Wood products	321	D	2	D	0	8	92	D	2	D
Paper	322	1	2	97	1	4	94	D	D	D
Printing and related support activities	323	0	2	97	2	14	84	0	2	98
Petroleum and coal products	324	5	D	D	D	D	84	D	D	D
Chemicals	325	1	3	96	1	4	95	0	3	96
Basic chemicals	3251	1	3	96	2	2	96	0	4	96
Resin, synthetic rubber, fibers, and filaments	3252	2	2	96	2	3	95	D	1	1
Pesticide, fertilizer, and other agricultural chemical	3253	3	D	D	3	D	D	D	0	D
Pharmaceuticals and medicines	3254	1	1	98	1	1	97	0	0	100
Soap, cleaning compound, and toilet preparation	3256	1	6	93	2	4	94	1	8	91
Paint, coating, adhesive, and other chemical	3255, 3259	0	5	95	0	7	93	0	2	98
Plastics and rubber products	326	1	3	96	2	6	92	D	2	D
Nonmetallic mineral products	327	2	3	96	1	5	94	2	2	96
Primary metals	331	4	4	92	2	4	95	5	4	91
Fabricated metal products	332	2	3	95	5	3	91	1	3	95
Machinery	333	1	2	97	2	4	94	0	2	98
Agricultural implements	33311	1	3	96	D	2	D	D	3	D
Semiconductor machinery	333295	23	12	64	27	15	58	D	0	D
Engine, turbine, and power transmission equipment	3336	1	5	94	5	3	91	0	D	D
Other machinery	other 333	1	2	97	1	4	95	0	1	99
Computer and electronic products	334	11	12	77	13	19	68	7	4	89
Communications equipment	3342	4	13	83	5	18	77	0	D	D
Semiconductor and other electronic components	3344	19	14	67	33	27	39	9	4	87
Navigational, measuring, electromedical, and control instruments	3345	3	13	84	4	16	80	2	6	92
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	2	5	93	3	9	88	0	0	100
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	8	13	79	8	16	76	D	D	89
Other measuring and controlling instruments	other 3345	3	14	83	3	17	80	2	8	90
Computer and peripheral equipment and other computer and electronic products	3341, 3343, 3346	12	5	83	11	9	80	D	D	85
Electrical equipment, appliances, and components	335	3	8	89	7	14	80	D	3	D
Transportation equipment	336	1	1	98	1	2	96	1	0	98
Automobiles, bodies, trailers, and parts	3361–3363	2	1	98	2	2	97	D	D	D
Aerospace products and parts	3364	1	1	98	1	2	98	D	D	D
Aircraft, aircraft engine, and aircraft parts	336411–336413	0	1	98	1	2	98	0	D	D
Guided missile, space vehicle, and related parts	336414, 336415, 336419	D	0	D	D	0	D	D	0	D

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Military armored vehicle, tank, and tank components	336992	0	0	100	0	0	100	0	0	100
Other transportation equipment	other 336	1	2	97	2	7	91	0	D	D
Furniture and related products	337	0	2	98	D	1	D	D	2	D
Miscellaneous manufacturing	339	1	3	97	1	3	95	0	2	97
Medical equipment and supplies	3391	0	2	98	1	4	95	0	1	99
Other miscellaneous manufacturing	3399	1	3	96	1	3	96	1	3	96
Nonmanufacturing industries	21-23, 42-81	1	1	98	2	5	92	1	1	98
Mining, extraction, and support activities	21	D	1	D	0	D	D	D	D	D
Utilities	22	5	2	93	D	D	80	D	0	D
Construction	23	1	1	98	5	D	D	1	1	98
Wholesale trade	42	1	3	97	2	8	90	1	3	97
Retail trade	44, 45	1	2	97	D	D	D	1	2	97
Electronic shopping and mail-order houses	4541	1	0	99	0	D	D	1	0	99
Other retail trade	other 44, 45	1	2	97	D	D	D	1	2	97
Transportation and warehousing	48, 49	D	1	98	D	D	1	D	1	D
Information	51	1	3	96	1	3	96	1	3	97
Publishing	511	1	2	98	2	4	95	D	0	D
Newspaper, periodical, book, and directory publishers	5111	D	0	D	0	D	D	D	D	D
Software publishers	5112	1	4	95	2	4	94	0	3	97
Telecommunications	517	1	2	97	1	2	96	0	2	98
Data processing, hosting, and related services	518	1	10	89	1	3	95	1	13	86
Other information	other 51	1	2	98	D	1	D	1	2	98
Finance and insurance	52	0	0	100	D	D	D	D	0	D
Real estate and rental and leasing	53	0	1	99	0	8	92	0	D	D
Professional, scientific, and technical services	54	1	2	97	3	4	93	1	1	98
Architectural, engineering, and related services	5413	1	2	98	1	5	94	1	1	98
Computer systems design and related services	5415	4	5	91	6	8	86	2	4	94
Scientific R&D services	5417	3	3	94	4	4	93	D	D	D
Biotechnology R&D	541711	1	4	94	1	4	95	0	D	D
Physical, engineering, and life sciences (except biotechnology) R&D	541712	5	3	92	6	3	91	D	0	D
Social sciences and humanities R&D	541720	D	1	D	D	3	D	0	0	100
Other professional, scientific, and technical services	other 54	0	1	99	0	0	99	0	1	99
Health care services	621-623	0	1	99	D	1	D	D	1	D
Other nonmanufacturing	55, 56, 61, 624, 71, 72, 81	0	1	98	0	1	70	0	1	98
All companies	21-23, 31-33, 42-81	1	2	98	3	6	91	1	1	98
Small companies (number of domestic employees) ^b										
5-499	-	1	2	98	3	6	91	1	1	98
5-99	-	1	2	98	3	6	92	1	1	98
5-49	-	1	2	98	3	5	93	1	1	98
5-24	-	1	1	98	2	5	93	1	1	98

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		Very important	Somewhat important	Not important	Very important	Somewhat important	Not important	Very important	Somewhat important	Not important
25-49	-	1	2	97	4	5	92	1	2	97
50-99	-	1	2	97	3	10	86	0	2	98
100-249	-	1	3	97	4	8	88	1	2	97
250-499	-	2	2	96	5	5	90	1	2	97
Medium and large companies (number of domestic employees)										
500-999	-	1	1	98	3	4	93	0	0	99
1,000-4,999	-	1	3	95	6	8	86	0	2	98
5,000-9,999	-	2	5	93	5	8	87	0	1	99
10,000-24,999	-	2	8	90	3	12	85	D	D	D
25,000 or more	-	4	5	90	8	8	84	D	3	D

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.