



TABLE 25. Domestic R&D paid for by the U.S. federal government and performed by the company, by funding agency, industry, and company size: 2011  
(Millions of U.S. dollars)

Industry and company size	NAICS code	Total	DOD	DOE	NASA	NIH	DHS	DOT	EPA	NSF	All other agencies <sup>a</sup>
Other transportation equipment	other 336	D	D	0	0	0	0	2	0	0	0
Furniture and related products	337	*	*	0	0	0	0	0	0	0	0
Miscellaneous manufacturing	339	60	D	2	*	8	D	0	0	1	2
Medical equipment and supplies	3391	18	8	0	0	8	0	0	0	1	2
Other miscellaneous manufacturing	3399	42	D	2	*	*	D	0	0	0	*
Nonmanufacturing industries	21–23, 42–81	6,611	4,389	393	293	589	90	142	9	72	633
Mining, extraction, and support activities	21	11	0	11	0	0	0	0	0	0	0
Utilities	22	60	6 i	54	0	0	0	0	0	0	0
Wholesale trade	42	18	4 i	D	0	D	0	0	0	0	4
Electronic shopping and electronic auctions	454111–12	0	0	0	0	0	0	0	0	0	0
Transportation and warehousing	48–49	*	0	0	0	0	0	*	0	0	0
Information	51	D	128	D	D	D	*	*	*	*	D
Publishing	511	136	128	D	0	0	*	*	*	*	D
Newspaper, periodical, book, and directory publishers	5111	0	0	0	0	0	0	0	0	0	0
Software publishers	5112	136	128	D	0	0	*	*	*	*	D
Telecommunications	517	D	* i	0	D	0	0	0	0	0	D
Data processing, hosting, and related services	518	D	0	D	0	D	0	0	0	0	0
Other information	other 51	0	0	0	0	0	0	0	0	0	0
Finance and insurance	52	0	0	0	0	0	0	0	0	0	0
Real estate and rental and leasing	53	0	0	0	0	0	0	0	0	0	0
Lessors of nonfinancial intangible assets (except copyrighted works)	533	0	0	0	0	0	0	0	0	0	0
Other real estate and rental and leasing	other 53	0	0	0	0	0	0	0	0	0	0
Professional, scientific, and technical services	54	5,848	3,770	275	289	578	90	141	9	72	623
Architectural, engineering, and related services	5413	1,123 i	981 i	15 i	61 i	3	*	1	*	9	53 i
Computer systems design and related services	5415	598	317	24	8	12	67	128	*	1	43 i
Scientific research and development services	5417	3,226	1,849	216	74	494	24	12	6	62	489
Biotechnology research and development	541711	406	D	D	2	203	1	2	0	1	D
Physical, engineering, and life sciences (except biotechnology) research and development	541712	2,280	1,690	195	71	139	22	2	D	53	D
Social sciences and humanities research and development	541720	540	D	D	1	152	1	8	D	8	D
Other professional, scientific, and technical services	other 54	902	624	21	146	70	0	*	3	1	38
Health care services	621–23	5	1	0	0	3	0	0	0	0	1 i
Other nonmanufacturing	23, 44–45 (excluding 454111–12), 55–56, 624, 71–72, 81	D	481	D	D	0	0	0	0	0	D
All companies (number of domestic employees)	–	31,309 i	26,350 i	881	1,580	656	98	144	D	128 i	D
Small companies <sup>b</sup>											
5–499	–	3,938	2,497	330	146	444	24	137	7	69	283
5–99	–	2,766	1,666	278	93 i	329	20	100	4	66	210
5–49	–	2,065	1,171	221	70 i	294	19	99	*	61	130 i
5–9	–	533	279	83	5	82	3	3 i	0	47	31
10–24	–	795	438	37	44 i	117	13	93	* i	7 i	47 i

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25-49	-	738	455	101	20	95	4 i	2	*	7	52 i
50-99	-	701	495	58	23	36	*	1	3	5	80
100-249	-	814	527	23	52	109	4	35	3	3	56
250-499	-	358	304	28	2	6	*	2	*	* i	16 i
Medium and large companies											
500-999	-	377	214	12	D	41	1	*	D	1	D
1,000-4,999	-	1,702	926	34	219	D	1	D	D	16	D
5,000-9,999	-	476	341	65	D	2	1	D	D	*	D
10,000-24,999	-	3,577	2,649	54	794	1	*	*	*	3	76 i
25,000 or more	-	21,240 i	19,722 i	386	279	D	71	D	*	40	D

\* = amount < \$500,000; D = data withheld to avoid disclosing operations of individual companies; i = value > 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

DOD = Department of Defense; DOE = Department of Energy; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; DHS = Department of Homeland Security; DOT = Department of Transportation; EPA = Environmental Protection Agency; NSF = National Science Foundation.

NAICS = 2007 North American Industry Classification System.

<sup>a</sup> Includes undistributed amounts.

<sup>b</sup> Upper bound based on U.S. Small Business Administration's definition of a small business; Business R&D and Innovation Survey 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. Statistics are representative of companies located in the United States that performed or funded R&D.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics and U.S. Census Bureau, Business R&D and Innovation Survey, 2011.