

TABLE 26. Domestic R&D paid for by sources located outside the United States and performed by the company, by source of funds, industry, and company size: 2011
(Millions of U.S. dollars)

Industry and company size	NAICS code	Total	Foreign companies				Foreign governments	All other
			Subsidiaries ^a	Company's parent	Unaffiliated companies			
All industries	21–23, 31–33, 42–81	15,543	3,342	7,438	4,569	63	129	
Manufacturing industries	31–33	11,497	2,527	5,871	2,999	46	54	
Food	311	158 i	D	D	D	0	0	
Beverage and tobacco products	312	D	D	D	D	0	0	
Textile, apparel, and leather products	313–316	D	0	D	*	0	0	
Wood products	321	D	0	3	D	0	0	
Paper	322	D	0	D	D	0	0	
Printing and related support activities	323	D	D	0	*	0	0	
Petroleum and coal products	324	D	D	0	0	0	0	
Chemicals	325	5,229	1,354	2,209	1,658	0	8	
Basic chemicals	3251	143	D	D	26	0	0	
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	D	D	D	6	0	0	
Pesticide, fertilizer, and other agricultural chemical	3253	D	D	D	0	0	0	
Pharmaceuticals and medicines	3254	4,717	1,235	1,848	1,626	0	8	
Soap, cleaning compound, and toilet preparation	3256	D	D	D	D	0	0	
Paint, coating, adhesive, and other chemicals	3255, 3259	D	D	D	D	0	0	
Plastics and rubber products	326	266	0	265 i	1	0	*	
Nonmetallic mineral products	327	D	D	*	1	0	D	
Primary metals	331	D	0	43	D	0	0	
Fabricated metal products	332	D	0	D	D	0	0	
Machinery	333	254	D	D	D	D	1	
Agricultural implement	33311	19	3	15	0	0	0	
Semiconductor machinery	333295	158	D	D	D	0	0	
Engine, turbine, and power transmission equipment	3336	D	*	D	D	0	0	
Other machinery	other 333	D	D	D	D	D	1	
Computer and electronic products	334	3,291	521	1,735	991	D	D	
Communications equipment	3342	1,000	97	619	283	1	0	
Semiconductor and other electronic components	3344	1,299	D	802	D	0	0	
Navigational, measuring, electromedical, and control instruments	3345	573	D	D	D	D	D	
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	198	D	D	D	0	0	
Search, detection, navigation, guidance, aeronautical, and nautical systems and instruments	334511	363	D	D	D	D	0	
Other measuring and controlling device	other 3345	12	0	D	D	0	D	
Other computer and electronic products	other 334	419	D	D	D	0	D	
Electrical equipment, appliances, and components	335	75	0	73	1	0	0	
Transportation equipment	336	857	D	D	D	D	7	
Motor vehicles, bodies, trailers, and parts	3361, 3362, 3363	787	D	D	D	0	1	
Aerospace products and parts	3364	66	D	D	D	D	6	
Aircraft, aircraft engine, and aircraft parts	336411–13	66	D	D	D	D	6	
Guided missile, space vehicle, and related parts	336414–15, 336419	0	0	0	0	0	0	

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Military armored vehicle, tank, and tank component	336992	D	D	0	0	0	0	
Other transportation equipment	other 336	D	0	D	D	0	0	
Furniture and related products	337	0	0	0	0	0	0	
Miscellaneous manufacturing	339	706	D	D	D	0	D	
Medical equipment and supplies	3391	373	D	280	D	0	D	
Other miscellaneous manufacturing	3399	333	D	D	D	0	0	
Nonmanufacturing industries	21-23, 42-81	4,046	815	1,568	1,570	17	76	
Mining, extraction, and support activities	21	D	D	0	D	0	0	
Utilities	22	D	0	0	D	0	0	
Wholesale trade	42	209 i	0	100	92 i	0	18 i	
Electronic shopping and electronic auctions	454111-12	0	0	0	0	0	0	
Transportation and warehousing	48-49	0	0	0	0	0	0	
Information	51	565 i	D	D	D	D	*	
Publishing	511	394	D	334	D	D	*	
Newspaper, periodical, book, and directory publishers	5111	0	0	0	0	0	0	
Software publishers	5112	394	D	334	D	D	*	
Telecommunications	517	34	D	D	D	0	0	
Data processing, hosting, and related services	518	D	D	0	D	0	0	
Other information	other 51	D	D	D	0	0	0	
Finance and insurance	52	1	0	0	1	0	0	
Real estate and rental and leasing	53	0	0	0	0	0	0	
Lessors of nonfinancial intangible assets (except copyrighted works)	533	0	0	0	0	0	0	
Other real estate and rental and leasing	other 53	0	0	0	0	0	0	
Professional, scientific, and technical services	54	2,489	201	1,038	1,175	17	58	
Architectural, engineering, and related services	5413	110	*	18	78	14	0	
Computer systems design and related services	5415	440	201	156	53	0	31	
Scientific research and development services	5417	1,862	0	809	1,024	2	27	
Biotechnology research and development	541711	788	0	212	572	*	3	
Physical, engineering, and life sciences (except biotechnology) research and development	541712	1,075	0	597	451	2	24	
Social sciences and humanities research and development	541720	* i	0	*	* i	0	0	
Other professional, scientific, and technical services	other 54	77	1	55	20	1	0	
Health care services	621-23	D	0	D	D	D	* i	
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	D	0	D	D	0	0	
All companies (number of domestic employees)	-	15,543	3,342	7,438	4,569	63	129	
Small companies ^b								
5-499	-	2,655	124	1,916	480	17	118	
5-99	-	1,220	D	883	265	D	D	
5-49	-	606	D	352	200	D	D	

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5-9	-	105 i	0	41	61 i	0	3
10-24	-	229	D	124	62	D	D
25-49	-	271	0	186	77	3	6 i
50-99	-	614	D	531	65	D	D
100-249	-	549	D	322	133	D	D
250-499	-	886	85	712	82	*	8
Medium and large companies							
500-999	-	615	102	D	D	D	D
1,000-4,999	-	5,421	771	1,760	2,884	1	5
5,000-9,999	-	2,369	81	1,866	419	0	4
10,000-24,999	-	2,289	566	1,170	D	D	D
25,000 or more	-	2,192	1,699	D	189	D	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.

NAICS = 2007 North American Industry Classification System.

^a While all estimates include an adjustment to the weight to account for unit nonresponse, the estimates for domestic R&D paid for by foreign subsidiaries do not include item imputation. Caution should be used when comparing the subsidiaries estimates to other estimates presented in the table. See the technical notes for details.

^b 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.