

TABLE 114. 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: 2010

(Millions of U.S. dollars)

Industry and company size	NAICS code	Total	Foreign-located companies				All other
			Companies' foreign subsidiaries <sup>a</sup>	Parents	Independent companies	Foreign governments	
All industries	21-23, 31-33, 42-81	14,644	3,519	7,102	3,913	37	74
Manufacturing industries	31-33	9,332	2,789	4,051	2,432	31	29
Food	311	D	D	D	D	0	D
Beverage and tobacco products	312	D	D	0	D	0	0
Textiles, apparel, and leather products	313-316	1	0	0	D	0	D
Wood products	321	D	0	7	D	0	0
Paper	322	D	0	2	D	0	0
Printing and related support activities	323	D	D	2	D	0	0
Petroleum and coal products	324	D	D	D	D	0	0
Chemicals	325	4,058	D	1,882	D	*	D
Basic chemicals	3251	107	80	D	*	0	0
Resin, synthetic rubber, fibers, and filaments	3252	10 i	1	* i	9 i	0	0
Pesticide, fertilizer, and other agricultural chemical	3253	D	D	D	0	0	0
Pharmaceuticals and medicines	3254	3,581	D	1,683	D	*	D
Soap, cleaning compound, and toilet preparation	3256	4	4	0	0	0	0
Paint, coating, adhesive, and other chemical	3255, 3259	D	D	D	D	0	D
Plastics and rubber products	326	227 i	D	225 i	D	0	D
Nonmetallic mineral products	327	3	D	*	D	0	0
Primary metals	331	34	0	34	*	D	D
Fabricated metal products	332	D	0	D	D	0	D
Machinery	333	457	172	200	82	*	3
Agricultural implement	33311	D	D	D	1 i	0	*
Semiconductor machinery	333295	D	0	111	D	0	0
Engine, turbine, and power transmission equipment	3336	57	0	10	47	0	0
Other machinery	other 333	D	D	D	D	*	2
Computer and electronic products	334	2,274	482	1,039	728	23	2
Communications equipment	3342	814	D	603	D	* i	* i
Semiconductor and other electronic components	3344	519	244	172	101	0	1
Navigational, measuring, electromedical, and control instruments	3345	528	82	219	203	23	1 i
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	190	65	D	89	0	0
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	301	D	D	112	D	0
Other measuring and controlling instruments	other 3345	37	D	D	2	D	1 i
Other computer and electronic products	other 334	413	D	44	D	0	0
Electrical equipment, appliances, and components	335	D	D	54	D	0	0
Transportation equipment	336	661	112	324	217	D	D
Automobiles, bodies, trailers, and parts	3361-3363	554	D	D	D	0	0
Aerospace products and parts	3364	D	D	D	D	D	D
Aircraft, aircraft engine, and aircraft parts	336411-336413	101	D	D	D	D	D
Guided missile, space vehicle, and related parts	336414, 336415, 336419	D	0	0	D	D	0
Military armored vehicle, tank, and tank components	336992	0	0	0	0	0	0
Other transportation	other 336	D	0	D	D	0	0
Furniture and related products	337	0	0	0	0	0	0
Miscellaneous manufacturing	339	656	D	210	D	1	D
Medical equipment and supplies	3391	641	D	197	D	0	D
Other miscellaneous manufacturing	3399	15	0	13	D	1	D
Nonmanufacturing industries	21-23, 42-81	5,312	730	3,051	1,481	6	44
Mining, extraction, and support activities	21	587	D	0	D	0	0
Utilities	22	0	0	0	0	0	0
Construction	23	3	0	2	*	0	0
Wholesale trade	42	D	0	101 i	0	0	D
Retail trade	44, 45	0	0	0	0	0	0
Electronic shopping and electronic auctions	454111, 454112	0	0	0	0	0	0

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Other retail trade	other 44, 45	0	0	0	0	0	0
Transportation and warehousing	48, 49	* i	0	* i	0	0	0
Information	51	698	337	342	D	1	D
Publishing	511	520	200	305	D	1	D
Newspaper, periodical, book, and directory publishers	5111	0	0	0	0	0	0
Software publishers	5112	520	200	305	D	1	D
Telecommunications	517	D	D	30	D	0	D
Data processing, hosting, and related services	518	0	0	0	0	0	0
Other information	other 51	D	D	8 i	0	0	0
Finance and insurance	52	D	D	0	0	0	0
Real estate and rental and leasing	53	11	11	0	0	0	0
Professional, scientific, and technical services	54	3,883	D	2,603	1,198	D	D
Architectural, engineering, and related services	5413	199	0	83	116	*	0
Computer systems design and related services	5415	380	D	236	112	0	D
Scientific R&D services	5417	3,187	17	2,229	915	3 i	22
Biotechnology R&D	541711	1,634	10	1,043	565	2 i	15
Physical, engineering, and life sciences (except biotechnology) R&D	541712	1,551	7	1,184	351	1	7
Social sciences and humanities R&D	541720	2	0	2	0	0	0
Other professional, scientific, and technical services	other 54	116	D	54	54	D	D
Health care services	621-623	D	0	0	D	D	D
Other nonmanufacturing	55, 56, 624, 71, 72, 81	D	0	2	D	0	0
All companies (number of employees)	-	14,644	3,519	7,102	3,913	37	74
Small companies (number of employees) <sup>b</sup>							
5-499	-	2,273	195	1,357	647	6	67
5-99	-	1,115	54	671	341	6	43
5-49	-	555	*	396	133	5 i	22
5-9	-	47	0	18	17	2 i	11
10-24	-	203	*	170	29	1	3
25-49	-	305	0	209	87	2	8
50-99	-	559	54	275	208 i	1	22
100-249	-	685	D	403	228	D	D
250-499	-	473	D	284	78	D	D
Medium and large companies (number of employees)							
500-999	-	680	70	490	119	1	* i
1,000-4,999	-	5,565	717	2,808	2,036	*	4
5,000-9,999	-	2,210	323	1,706	181	0	1
10,000-24,999	-	2,137	784	737	616	*	0
25,000 or more	-	1,779	1,431	3	314	30	1

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

NAICS = 2007 North American Industry Classification System.

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

<sup>b</sup> 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. Statistics are representative of companies located in 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, 2010.