

TABLE 52. Capital expenditures in the United States and for domestic R&D, by type of expenditure, by industry and company size: 2013  
(Millions of U.S. dollars)

Industry and company size	NAICS code	Total	Domestic R&D					
			Total	Structures	Equipment	Capitalized software	All other	Undistributed
All industries	21–23, 31–33, 42–81	508,722	31,145	1,941	8,150	4,448	2,349	14,257 i
Manufacturing industries	31–33	219,322	17,504	1,293	6,319	1,041	1,723	7,129 i
Food	311	18,388 i	320 i	20	132	9	9	150 i
Beverage and tobacco products	312	5,537	67	5	34	*	1	26 i
Textile, apparel, and leather products	313–16	1,803	41 i	D	13	2	D	D
Wood products	321	785	18	D	9	1	*	D
Paper	322	4,632	76 i	1	30	0	3	42 i
Printing and related support activities	323	1,500 i	59 i	0	9	18	5	28 i
Petroleum and coal products	324	6,406	55	D	14	*	1	D
Chemicals	325	58,877	3,231	637	1,214	303	144	934 i
Basic chemicals	3251	31,000	246	39	109	48	36	15 i
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	5,829	115	16	77	3	2	18 i
Pesticide, fertilizer, and other agricultural chemicals	3253	1,894	58 i	18	7	*	5	29 i
Pharmaceuticals and medicines	3254	14,295	2,542	553	859	242	91	796 i
Soap, cleaning compound, and toilet preparation	3256	4,515	209	6	134	6	7	57 i
Paint, coating, adhesive, and other chemicals	3255, 3259	1,344	61	6	29	4	4	18 i
Plastics and rubber products	326	11,629	393	39	147	4	59	145 i
Nonmetallic mineral products	327	2,733 i	51 i	2	15	2	3	29 i
Primary metals	331	8,943	101	11	55	*	5	31 i
Fabricated metal products	332	8,638 i	2,892 i	64	902	13	7	1,905 i
Machinery	333	12,479	1,507 i	150	651	41 i	43	622 i
Agricultural implement	33311	1,808	83	17	48	1	1	16 i
Semiconductor machinery	333295	583	209 i	8	80	1	12	108 i
Engine, turbine, and power transmission equipment	3336	1,541	302	62	161	3	12	63 i
Other machinery	other 333	8,547	914 i	62	363	36 i	18	434 i
Computer and electronic products	334	21,824	5,762	207	2,031	316	844	2,364 i
Communications equipment	3342	6,588	947	4	573	87	41	242 i
Semiconductor and other electronic components	3344	8,567	3,267	58	955	137	653	1,464 i
Navigational, measuring, electromedical, and control instruments	3345	4,415	723	44	300	57	76	246 i
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	759	100 i	1	30	4	8	56 i
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument	334511	1,591	194	4	146	25	4	16 i
Other measuring and controlling device	other 3345	2,065	428 i	39	124	28	63	173 i
Other computer and electronic products	other 334	2,254 i	825 i	101	203	35	74	413 i
Electrical equipment, appliances, and components	335	3,262	219 i	4	57	5	14	140 i
Transportation equipment	336	42,950	1,960	108	713	221	536	382 i
Automobiles, bodies, trailers, and parts	3361, 3362, 3363	19,131	917	63	359	177	161	156 i

TABLE 52. Capital expenditures in the United States and for domestic R&amp;D, by type of expenditure, by industry and company size: 2013

(Millions of U.S. dollars)

Industry and company size	NAICS code	Total	Domestic R&D					
			Total	Structures	Equipment	Capitalized software	All other	Undistributed
Aerospace products and parts	3364	21,471	934	40	348	43	367	136 i
Aircraft, aircraft engine, and aircraft parts	336411-13	20,878	906	40	D	43	361	D
Guided missile, space vehicle, and related parts	336414-15, 336419	593	28	0	D	0	6	D
Military armored vehicle, tank, and tank components	336992	4 i	* i	0	*	0	0	* i
Other transportation	other 336	2,343	108 i	4	5	1	8	90 i
Furniture and related products	337	1,035	48 i	6	17	*	*	24 i
Miscellaneous manufacturing	339	7,903	705	D	276	104	D	264 i
Medical equipment and supplies	3391	5,614	563	8	246	80	27	202 i
Other miscellaneous manufacturing	3399	2,289	142 i	D	30	23	D	62 i
Nonmanufacturing industries	21-23, 42-81	289,400	13,641 i	648	1,831	3,408	626	7,128 i
Mining, extraction, and support activities	21	79,674	413	34	163	41	49	125 i
Utilities	22	75,589	290	7	53	*	132	98 i
Wholesale trade	42	1,831 i	57 i	*	6	*	*	51 i
Electronic shopping and electronic auctions	454111-12	5,030 i	13 i	0	1	2	0	10 i
Transportation and warehousing	48-49	12,278	58	12	14	4	7	21 i
Information	51	75,624	5,413	398	1,074	549	259	3,134 i
Publishing	511	16,354	2,055	336	770	190	148	611 i
Newspaper, periodical, book, and directory publishers	5111	1,427 i	72 i	0	0	*	*	72 i
Software publishers	5112	14,927	1,983	336	770	189	148	539 i
Telecommunications	517	39,884	2,077 i	*	10	4	4	2,059 i
Data processing, hosting, and related services	518	4,428	690	D	177	159	79	D
Other information	other 51	14,959	592	D	118	197	27	D
Finance and insurance	52	15,036	3,549	122	100	2,195	4	1,127 i
Real estate and rental and leasing	53	2,932	6	1	1	1	*	2 i
Lessors of nonfinancial intangible assets (except copyrighted works)	533	12 i	2 i	*	*	*	*	1 i
Other real estate and rental and leasing	other 53	2,921	4	1	1	1	0	1 i
Professional, scientific, and technical services	54	10,878 i	3,711 i	70	402	587	165	2,486 i
Architectural, engineering, and related services	5413	1,007	60 i	19	11	6	3	20 i
Computer systems design and related services	5415	5,541 i	2,359 i	14	168	420	56	1,702 i
Scientific research and development services	5417	1,871 i	698 i	34	192	50	68	354 i
Biotechnology research and development	541711	612	322 i	17	60	1	15	230 i
Physical, engineering, and life sciences (except biotechnology) research and development	541712	1,248 i	375 i	18	132	49	53	123 i
Social sciences and humanities research and development	541720	11 i	1	0	*	*	0	* i
Other professional, scientific, and technical services	other 54	2,460 i	594 i	4	31	111	38	410 i
Health care services	621-23	715 i	15 i	*	8	2	1	5 i

TABLE 52. Capital expenditures in the United States and for domestic R&D, by type of expenditure, by industry and company size: 2013  
(Millions of U.S. dollars)

Industry and company size	NAICS code	Domestic R&D						
		Total	Total	Structures	Equipment	Capitalized software	All other	Undistributed
Other nonmanufacturing	23, 44–45 (excluding 454111–12), 55–56, 624, 71–72, 81	9,812 i	119 i	3	10	25	10	70 i
All companies (number of domestic employees)	–	508,722	31,145	1,941	8,150	4,448	2,349	14,257 i
Small companies <sup>a</sup>								
5–499	–	55,144 i	7,929 i	195	1,892	379	379	5,083 i
5–99	–	25,747 i	4,627 i	85	1,332	91	218	2,902 i
5–49	–	14,472 i	2,512 i	46	335	26	180	1,926 i
5–9	–	2,009 i	384 i	2	44	7	57	273 i
10–24	–	5,304 i	833 i	12	114	3	58	647 i
25–49	–	7,159 i	1,295 i	32	177	16	64	1,006 i
50–99	–	11,275 i	2,115 i	39	997	64	38	977 i
100–249	–	15,435 i	1,919 i	60	348	158	62	1,291 i
250–499	–	13,962 i	1,382 i	51	212	130	99	890 i
Medium and large companies								
500–999	–	19,971	1,267	72	379	177	108	531 i
1,000–4,999	–	65,449	4,324	499	1,514	630	324	1,357 i
5,000–9,999	–	64,716	3,069	426	1,177	514	154	799 i
10,000–24,999	–	93,450	4,009	330	889	331	1,008	1,451 i
25,000 or more	–	209,991	10,546	417	2,299	2,417	377	5,036 i

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

NAICS = 2007 North American Industry Classification System.

<sup>a</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, 2013.