

TABLE 46. Capital expenditures in the United States and for domestic R&amp;D, by type of expenditure, industry, and company size: 2014

(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	638,268	27,775	2,599	11,564	6,094	3,036	4,481 i
Manufacturing industries	31-33	261,798	17,465	2,049	8,833	1,602	2,232	2,749 i
Food	311	19,080 i	1,284 i	89 i	739 i	22	6	428 i
Beverages and tobacco products	312	4,919	65	8	52	2	2	1 i
Textiles, apparel, and leather products	313-16	1,851	40 i	6	20	1	1	13 i
Wood products	321	1,479 i	19 i	* i	15 i	*	*	3 i
Paper	322	4,497	91 i	1 i	30	* i	18 i	42 i
Printing and related support activities	323	1,055	30 i	1	1	22 i	2	4 i
Petroleum and coal products	324	4,458	41	D	15	0	5	D
Chemicals	325	68,086	3,840	837	1,998	308	147	550 i
Basic chemicals	3251	33,906	402	39	273	54	26	10 i
Resins, synthetic rubber, and artificial synthetic fibers and filaments	3252	6,787	100	17	52	2	23	6 i
Pesticides, fertilizers, and other agricultural chemicals	3253	1,522 i	46	23	19	*	*	4 i
Pharmaceuticals and medicines	3254	16,560	2,801	700	1,371	247	79	404 i
Soaps, cleaning compounds, and toilet preparations	3256	6,082	214	47	103	5	18	40 i
Paints, coatings, adhesives, and other chemicals	3255, 3259	3,228	278	11	181	*	1	85 i
Plastics and rubber products	326	21,180 i	350	55	173	6	33	84 i
Nonmetallic mineral products	327	2,912	355	173 i	62 i	2	97	21 i
Primary metals	331	3,714	125	9	74	3	13	26 i
Fabricated metal products	332	17,122 i	216 i	2	91	6	19	99 i
Machinery	333	11,796	912 i	54	499	43	47	269 i
Agricultural implements	33311	1,194	46	9	22	1	12	2 i
Semiconductor machinery	333295	616 i	306 i	2	158	2	11	133 i
Engines, turbines, and power transmission equipment	3336	1,475	116	8	88	7	9	4 i
Other machinery	other 333	8,512 i	444 i	35 i	231	33	15	130 i
Computer and electronic products	334	28,435 i	6,261 i	346	3,057 i	875 i	1,438	545 i
Communications equipment	3342	7,196 i	1,097 i	205	469	63	292 i	67 i
Semiconductors and other electronic components	3344	13,632 i	3,461 i	75 i	1,914 i	353 i	923	195 i

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Navigational, measuring, electromedical, and control instruments	3345	5,541	979	22	376	368	143 i	70 i
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	1,286	461 i	11	130	272 i	38 i	9 i
Search, detection, navigation, guidance, aeronautical, and nautical systems and instruments	334511	1,883	207	7	161	34	3	2 i
Other measuring and controlling devices	other 3345	2,372	311 i	3 i	85 i	62 i	102 i	60 i
Other computer and electronic products	other 334	2,065	724 i	43	298	90	80	212 i
Electrical equipment, appliances, and components	335	5,652 i	473	13	374	8 i	18	61 i
Transportation equipment	336	56,331	2,664	415	1,235	212	353	449 i
Automobiles, bodies, trailers, and parts	3361-63	34,055 i	1,192	112	452	173	234	222 i
Aerospace products and parts	3364	19,912	1,181	297	765	37	68	14 i
Aircraft, aircraft engines, and aircraft parts	336411-13	19,471	1,142	297	754	37	41	14 i
Guided missiles, space vehicles, and related parts	336414-15, 336419	441 i	39 i	* i	11 i	* i	27 i	* i
Military armored vehicles, tanks, and tank components	336992	36	1	*	1	*	0	* i
Other transportation	other 336	2,328	290 i	7	17	2	52	213 i
Furniture and related products	337	979 i	24 i	*	12	*	*	11 i
Miscellaneous	339	8,251	675	D	386	91	33	D
Medical equipment and supplies	3391	5,961	566	21	341	66	17	122 i
Other miscellaneous manufacturing	3399	2,290	108 i	D	45	25	16	D
Nonmanufacturing industries	21-23, 42-81	376,470	10,310	550	2,731	4,492	804	1,733 i
Mining, extraction, and support activities	21	81,768	272	41	134	74	16	6 i
Utilities	22	68,460	164	10	67	34	45	7 i
Wholesale trade	42	3,228 i	39 i	*	5	*	*	33 i
Electronic shopping and electronic auctions	454111-12	D	175 i	0	0	D	0	D
Transportation and warehousing	48-49	15,992 i	52 i	11	19	2	8	13 i
Information	51	106,554	4,791	374	1,927	1,768	323	399 i
Publishing	511	11,512	1,816	250	1,098	210	126	132 i
Newspaper, periodical, book, and directory publishers	5111	186 i	22 i	* i	* i	* i	2 i	20 i
Software publishers	5112	11,327	1,794	250	1,098	210	124	112 i
Telecommunications	517	73,536	1,508	*	390 i	843	82	192 i
Data processing, hosting, and related services	518	6,786	869	34	201	554	51	29 i
Other information	other 51	14,720	598	90	238	160	64	46 i

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Finance and insurance	52	11,539	2,507	28	205	2,060	192	21 i
Real estate and rental and leasing	53	271 i	68	*	5	32	17	14 i
Lessors of nonfinancial intangible assets (except copyrighted works)	533	11 i	1 i	*	*	0	0	* i
Other real estate and rental and leasing	other 53	260 i	68	*	5	32	17	14 i
Professional, scientific, and technical services	54	21,163 i	2,055 i	77	344	485	202	947 i
Architectural, engineering, and related services	5413	2,055 i	40 i	2	16	8	3	10 i
Computer systems design and related services	5415	7,773 i	1,227 i	10	128	302	36 i	751 i
Scientific R&D services	5417	4,978 i	503	60	164	47	144	89 i
Biotechnology R&D	541711	493 i	155 i	42	29	D	35 i	D
Physical, engineering, and life sciences (except biotechnology) R&D	541712	4,468 i	332	15	131	44	101	41 i
Social sciences and humanities R&D	541720	18	16	2	4	D	7 i	D
Other professional, scientific, and technical services	other 54	6,357	285 i	6	37	128	19	96 i
Health care services	621-23	2,036 i	40 i	5	17	*	*	17 i
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	D	148 i	3	7	D	1	D
All companies (number of domestic employees)	-	638,268	27,775	2,599	11,564	6,094	3,036	4,481 i
Small companies <sup>a</sup>								
5-499	-	78,069 i	5,396 i	329	1,642	449	463	2,514 i
5-99	-	37,733 i	3,034 i	146	866	96	262	1,664 i
5-49	-	22,537 i	1,839 i	87	669	37	196	850 i
5-9	-	4,087 i	603	20	325	14	84	159 i
10-24	-	7,845 i	627 i	44	209	7 i	88	280 i
25-49	-	10,605 i	609 i	23	135	15	24	411 i
50-99	-	15,196 i	1,195 i	59	196	59	66	814 i
100-249	-	23,385 i	1,254 i	54	350	156	103	591 i
250-499	-	16,951 i	1,109	128	426	197	99	259 i
Medium and large companies								
500-999	-	16,090	1,097	70	451	193	125	258 i
1,000-4,999	-	77,535 i	4,254	588	1,658	1,034	392	582 i

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5,000–9,999	–	56,588	2,839	354	1,472	486	392	135 i
10,000–24,999	–	166,934 i	4,875	495	1,518	1,372	932	558 i
25,000 or more	–	243,052	9,313	764	4,823	2,559	732 i	435 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 = 2012 North American Industry Classification System.

<sup>a</sup> Upper bound is based on the U.S. Small Business Administration's definition of a small business; the 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 is based on the dominant business code for domestic R&D performance, where available. For companies that did not report business codes, the classification used for sampling was assigned. Statistics are representative of companies located in the United States that performed R&D.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2014.