

Table 6. Capital expenditures in the United States, total and amount used for domestic R&D, by type of expenditure, industry, and company size: 2024

(Millions of U.S. dollars)

Selected industry, NAICS code, and company size	Domestic capital total ^b	Used for domestic R&D ^a							
		Domestic total ^{b,c}	Land acquisition	Buildings and land improvement ^d	Equipment	Capitalized software	Other intellectual property	All other and undistributed ^e	
All industries, 21–23, 31–33, 42–81	1,107,042	44,908	109	5,743	27,488	4,153	3,368	4,047	
Manufacturing industries, 31–33	398,263	27,213	55	4,350	15,707	2,050	2,431	2,620	
Chemicals, 325	79,937	8,951	23	2,157	4,249	339	1,609	575	
Pharmaceuticals and medicines, 3254	38,358	8,021	20 i	2,016	3,589	314	1,565	517	
Other 325	41,579	930	3	141	660	25	44	58	
Machinery, 333	24,001	2,314	*	542	1,387	144	77	164	
Computer and electronic products, 334	60,989	6,901	4	289	5,138	660	271	540	
Communication equipment, 3342	10,691 i	455	2	D	351	35 i	D	D	
Semiconductor and other electronic products, 3344	31,789 i	3,077 i	0	48 i	2,670 i	185	38	137 i	
Other 334	18,509	3,369	2	D	2,117	440	D	D	
Electrical equipment, appliance, and components, 335	9,422	767	2	97	495	71	20 i	81	
Transportation equipment, 336	73,286	4,402	23	703 i	2,325	478	136	738	
Motor vehicles, bodies, trailers, and parts, 3361–63	57,894	2,955	D	513 i	1,443 i	438	120	D	
Aerospace products and parts, 3364	12,773	1,188	D	134	749	37	3 i	D	
Other 336	2,619	259	D	56	133	3	13	D	
Manufacturing nec, other 31–33	150,628	3,878	3	562	2,113	358	318	522	
Nonmanufacturing industries, 21–23, 42–81	708,779	17,695	54 i	1,394	11,781	2,103	937	1,427	
Information, 51	282,581	12,081	2	377	9,308	962	702	730	
Software publishers, 5112	60,768	4,385	1	169	3,633	207	238	136	
Telecommunications, 517	75,287	375 i	0	8	271 i	72	1	23	
Other 51	146,526	7,321	1	200	5,404	683	463	571	
Finance and insurance, 52	32,513	249	0	6	68 i	156	4	14	
Professional, scientific, and technical services, 54	24,164	3,146	22	588	1,252	698	180	405	
Computer systems design and related services, 5415	7,591	899	* i	118	337	305	68 i	72	
Scientific research and development services, 5417	6,869	1,286	21	290	612	138	80	146	
Other 54	9,704	961	D	180	303	255	32	187	
Nonmanufacturing nec, other 21–23, 42–81	369,521	2,219	30	423	1,153	287	51	278	
Size of company (number of domestic employees)									
Small companies ^f									
10–19	1,774	382	*	22 i	185	30 i	52	92	
20–49	23,436 i	2,223 i	1 i	131	1,744 i	88 i	101 i	157	
Medium companies									
50–99	8,248	1,291	12	267	653	128	78	153	
100–249	18,334	2,100	7	296	977	437	115	267	
Large companies									
250–499	24,609	1,993	4	386	829	441	138	196	
500–999	32,517	2,863	3 i	398	1,005	457	177 i	823	
1,000–4,999	104,665	4,960	8	795	2,840	612	303	402	
5,000–9,999	124,498	4,163	1 i	378	2,426	276	947	135 i	

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10,000–24,999	260,446	6,956	12	i	1,665	3,641	403	871		365	i
25,000 or more	508,514	17,976	60		1,404	13,188	1,280	586		1,458	

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

NAICS = North American Industry Classification System; nec = not elsewhere classified.

^a Domestic R&D is the R&D paid for by the respondent company and others outside of the company and performed by the company.

^b Capital expenditures are payments by a business for assets that usually have a useful life of more than 1 year. The value of assets acquired or improved through capital expenditures is recorded on a company's balance sheet. Statistics from the Business Enterprise Research and Development Survey exclude the cost of assets acquired through mergers and acquisitions.

^c Capital expenditures for long-lived assets used in a company's R&D operations are not included in its R&D expense, but any depreciation recorded for those assets is included in its R&D expense. For 2024, depreciation associated with domestic R&D paid for and performed by the company was \$29.3 billion and with domestic R&D performed by the company and paid for by others was \$2.6 billion.

^d Building and land improvement includes the cost of purchased or improved buildings and other facilities that are fixed to the land.

^e All other and undistributed includes the cost of other capital expenditures, including purchased patents and other intangible assets, and expenditures not distributed among the categories shown.

^f Small companies includes only companies with 10 or more domestic employees.

Note(s):
Detail may not add to total because of rounding. Industry classification was based on 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.

Source(s):
National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2024.