

Table 2. Funds spent for business R&D performed in the United States, by source of funds, selected industry, and company size: 2024

(Millions of dollars)

Industry, NAICS code, and company size	All R&D ^a	Paid for by the company ^b	Paid for by others					
			Total	Federal	Companies		All other organizations ^d	
					Domestic	Foreign ^c		
All industries, 21–23, 31–33, 42–81	765,082	679,371	85,711	30,995	27,442	26,286	988	
Manufacturing industries, 31–33	405,092	356,431	48,661	23,361	7,184	17,580	535	
Chemicals, 325	143,745	131,790	11,954	684	2,029	9,060	D	
Pharmaceuticals and medicines, 3254	133,627	122,656	10,971	587	2,011	8,200	D	
Other 325	10,118	9,134	983	97	18	860	D	
Machinery, 333	22,035	19,844	2,191	161	406	1,576	48	
Computer and electronic products, 334	115,599	107,038	8,561	3,380	789	4,245	146	
Communication equipment, 3342	12,839	12,069	771	D	D	D	0	
Semiconductor and other electronic products, 3344	52,358	48,546	3,812	243	200	3,310	60	
Other 334	50,402	46,423	3,978	D	D	D	86	
Electrical equipment, appliance, and components, 335	6,999	6,135	864	62	14	779	8	r
Transportation equipment, 336	71,231	47,039	24,192	18,950	3,761	1,361	120	
Motor vehicles, bodies, trailers, and parts, 3361–63	31,812	D	D	D	428	1,201	D	
Aerospace products and parts, 3364	35,904	15,130	20,774	17,217	3,312	D	D	
Other 336	3,515	D	D	D	21	D	D	
Manufacturing nec, other 31–33	45,483	44,585	899	124	185	559	213	
Nonmanufacturing industries, 21–23, 42–81	359,990	322,940	37,050	7,634	20,258	8,705	453	
Information, 51	228,174	226,853	1,322	60	587	639	36	
Software publishers, 5112	63,108	62,597	511	3	102	397	8	
Other 51	165,066	164,256	811	57	485	242	28	
Finance and insurance, 52	25,463	25,362	101	0	101	0	0	
Professional, scientific, and technical services, 54	74,548	40,134	34,415	7,297	19,437	7,292	388	
Computer systems design and related services, 5415	26,764	22,353	4,411	1,115	256	3,009	30	
Scientific research and development services, 5417	33,942	5,705	28,237	4,933	18,813	4,198	292	i
Other 54	13,842	12,076	1,767	1,249	368	85	66	
Nonmanufacturing nec, other 21–23, 42–81	31,805	30,591	1,212	277	133	774	29	
Size of company (number of domestic employees)								
Small companies ^e								
10–19	4,790	3,734	1,056	486	249	199	124	
20–49	16,179	14,153	2,026	808	668	411	138	
Medium companies								
50–99	17,078	14,998	2,080	703	621	697	59	
100–249	29,325	26,548	2,777	1,089	649	899	141	
Large companies								
250–499	28,852	26,185	2,667	878	242	1,502	D	
500–999	44,697	40,152	4,545	853	723	2,893	76	i
1,000–4,999	123,813	110,612	13,201	1,579	5,616	5,979	26	i
5,000–9,999	62,950	55,804	7,146	1,150	2,229	3,748	19	
10,000–24,999	140,348	120,991	19,357	2,108	7,823	9,217	210	i
25,000 or more	297,050	266,195	30,855	21,340	8,622	742	D	

D = suppressed to avoid disclosure of confidential information; i = more than 50% of the estimate is a combination of imputation and reweighting to account for nonresponse; r = relative standard error is more than 50%.

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

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

^b Paid for by the company includes foreign subsidiaries of U.S. companies (\$39.1 billion).

^c Foreign includes foreign parent companies of U.S. subsidiaries (\$23.8 billion) and unaffiliated companies (\$2.5 billion). Excludes funds from foreign subsidiaries to U.S. companies paid for through intercompany transactions (\$39.1 billion).

^d All other organizations includes U.S. state government agencies and laboratories (\$0.2 billion); U.S. universities, colleges, and academic researchers (< \$0.01 billion); and all other organizations located inside (\$0.6 billion) and outside the United States (< \$0.01 billion).

^e 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 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 or funded \$50,000 or more of R&D.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2024.