

Table 3. Sales, R&D, R&D intensity, and employment for companies that performed or funded business R&D in the United States, by selected industry and company size: 2024

(Millions of dollars, percent R&D intensity, and thousands of employees)

Industry, NAICS code, and company size	Domestic net sales (\$millions) ^a	All R&D (\$millions) ^b	R&D intensity (%) ^c	Domestic employment (headcounts in thousands) ^d	
				Total	R&D ^e
All industries, 21–23, 31–33, 42–81	15,135,435	765,082	5.1	23,145	2,130
Manufacturing industries, 31–33	7,285,331	405,092	5.6	10,183	1,032
Chemicals, 325	1,259,907	143,745	11.4	1,397	227
Pharmaceuticals and medicines, 3254	724,024	133,627	18.5	691	176
Other 325	535,883	10,118	1.9	706	51
Machinery, 333	515,264	22,035	4.3	996	101
Computer and electronic products, 334	807,047	115,599	14.3	1,059	272
Communication equipment, 3342	115,196	12,839	11.1	194	36
Semiconductor and other electronic products, 3344	269,245	52,358	19.4	291	104
Other 334	422,606	50,402	11.9	574	132
Electrical equipment, appliance, and components, 335	162,178	6,999	4.3	297	25
Transportation equipment, 336	1,606,030	71,231	4.4	1,929	197
Motor vehicles, bodies, trailers, and parts, 3361–63	1,129,921	31,812	2.8	946	111
Aerospace products and parts, 3364	383,543	35,904	9.4	790	73
Other 336	92,566	3,515	3.8	193	13
Manufacturing nec, other 31–33	2,934,905	45,483	1.5	4,505	210
Nonmanufacturing industries, 21–23, 42–81	7,850,104	359,990	4.6	12,962	1,098
Information, 51	2,097,762	228,174	10.9	2,295	502
Software publishers, 5112	394,856	63,108	16.0	487	148
Other 51	1,702,906	165,066	9.7	1,808	354
Finance and insurance, 52	1,819,292	25,463	1.4	1,673	90
Professional, scientific, and technical services, 54	688,304	74,548	10.8	1,782	354
Computer systems design and related services, 5415	261,257	26,764	10.2	506	111
Scientific research and development services, 5417	121,831	33,942	27.9	352	124
Other 54	305,216	13,842	4.5	924	119
Nonmanufacturing nec, other 21–23, 42–81	3,244,746	31,805	1.0	7,212	152
Size of company (number of domestic employees)					
Small companies ^f					
10–19	30,319	4,790	15.8	69	26
20–49	100,439	16,179	16.1	249	74
Medium companies					
50–99	129,288	17,078	13.2	333	87
100–249	302,493	29,325	9.7	690	130
Large companies					
250–499	394,434	28,852	7.3	713	112
500–999	573,710	44,697	7.8	1,108	122
1,000–4,999	2,186,331	123,813	5.7	3,121	381
5,000–9,999	1,536,232	62,950	4.1	1,945	203
10,000–24,999	2,862,457	140,348	4.9	3,560	323
25,000 or more	7,019,731	297,050	4.2	11,358	671
Size of company by group (number of domestic employees)					
Small ^f and medium companies					
10–249	562,539	67,372	12.0	1,341	317

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				Total	R&D ^e
Larger companies					
250–24,999	7,553,164	400,660	5.3	10,447	1,141
Largest companies					
25,000 or more	7,019,731	297,050	4.2	11,358	671

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

^a Dollar values are for goods sold or services rendered by R&D-performing or R&D-funding companies located in the United States to customers outside of the company, including the U.S. federal government, foreign customers, and the company's foreign subsidiaries. Included are revenues from a company's foreign operations and subsidiaries and from discontinued operations. If a respondent company is owned by a foreign parent company, sales to the parent company and to affiliates not owned by the respondent company are included. Excluded are intracompany transfers, returns, allowances, freight charges, and excise, sales, and other revenue-based taxes.

^b 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.

^c R&D intensity is the cost of domestic R&D paid for by the respondent company and others outside of the company and performed by the company divided by domestic net sales of companies that performed or funded R&D.

^d Data recorded on 12 March represent employment figures for the year.

^e Headcounts of researchers, R&D managers, technicians, clerical staff, and others assigned to R&D groups.

^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 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.

Source(s):

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