

**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: 2021**

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

Industry, NAICS code, and company size	Domestic net sales (\$millions) <sup>a</sup>	All R&D (\$millions) <sup>b</sup>	R&D sales intensity (%) <sup>c</sup>	Domestic employment (headcounts in thousands) <sup>d</sup>		
				Total	R&D <sup>e</sup>	R&D employment intensity (%) <sup>e</sup>
All industries, 21–33, 42–81	13,112,161	608,624	4.6	23,716	2,171	9.2
Manufacturing industries, <sup>f</sup> 31–33	6,553,082	326,807	5.0	10,344	1,020	9.9
Nonmanufacturing industries, 21–23, 42–81	6,559,080	281,817	4.3	13,372	1,151	8.6
Information, 51	1,705,718	148,612	8.7	2,196	455	20.7
Software publishers, 5112	304,517	39,585	13.0	461	129	28.0
Professional, scientific, and technical Services, 54	493,145	70,974	14.4	1,570	370	23.6
Computer systems design and related services, 5415	204,181	22,025	10.8	558	114	20.4
Scientific research and development services, 5417	85,251	36,397	42.7	290	140	48.3
Microbusinesses						
1–9	14,405	6,125	42.5	62	39	62.8
Small companies						
10–19	35,815	5,477	15.3	85	36	42.4
20–49	104,550	15,061	14.4	298	99	33.2
Medium companies						
50–99	146,296	14,540	9.9	418	92	22.0
100–249	381,256	24,023	6.3	886	157	17.7
Large companies						
250–499	371,747	23,932	6.4	741	110	14.8
500–999	499,161	27,432	5.5	926	110	11.9
1,000–4,999	2,000,807	94,615	4.7	3,148	340	10.8
5,000–9,999	1,536,766	62,817	4.1	1,933	211	10.9
10,000–24,999	2,240,551	104,607	4.7	3,260	309	9.5
25,000 or more	5,780,807	229,995	4.0	11,959	668	5.6

NAICS = North American Industry Classification System.

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> 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.

<sup>d</sup> Data recorded on 12 March represent employment figures for the year. Total employment at companies that performed or funded R&D.

<sup>e</sup> Headcounts of researchers, R&D managers, technicians, clerical staff, and others assigned to R&D groups.

<sup>f</sup> Only selected (NAICS 42, 51, 5413, 5415, 5417) nonmanufacturing sectors are sampled for the 1–9 employee population in the Annual Business Survey. Based on prior survey results, businesses with 1–9 employees in other nonmanufacturing subsectors are not believed to perform substantial amounts of R&D.

**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, Annual Business Survey, Business Enterprise Research and Development Survey, 2021.