

TABLE 4-10

Sales and R&D intensity for companies that performed or funded R&D, by selected industry: 2015

(Millions of U.S. dollars, percent, and thousands of domestic employees)

Industry and NAICS code	Domestic net sales (US\$millions) ^a	R&D intensity (%) ^b	Domestic employment (thousands) ^c	
			Total	R&D ^d
All industries, 21-33, 42-81	9,049,901	3.9	18,915	1,543
Manufacturing industries, 31-33	5,358,542	4.4	10,151	916
Chemicals, 325	1,023,512	6.7	1,373	167
Pharmaceuticals and medicines, 3254	456,424	12.9	553	120
Other 325	567,088	1.7	820	47
Machinery, 333	360,719	3.7	989	82
Computer and electronic products, 334	734,610	9.8	1,355	263
Electrical equipment, appliances, and components, 335	150,020	2.9	330	28
Transportation equipment, 336	1,187,996	4.1	1,754	185
Automobiles, trailers, and parts, 3361-63	795,662	2.4	899	101
Aerospace products and parts, 3364	324,873	8.5	671	70
Other 336	67,461	4.0	184	14
Manufacturing nec, other 31-33	1,901,685	1.5	4,350	191
Nonmanufacturing industries, 21-23, 42-81	3,691,358	3.2	8,764	627
Information, 51	1,105,520	5.9	1,972	279
Software publishers, 5112	403,153	8.2	634	145
Other 51	702,367	4.6	1,338	134
Finance and insurance, 52	709,990	0.8	1,246	32
Professional, scientific, and technical services, 54	421,966	9.2	1,592	246
Computer systems design and related services, 5415	151,626	9.5	587	92
Scientific R&D services, 5417	60,922	26.8	264	82
Other 54	209,418	3.8	741	72



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			Total	R&D ^d
Nonmanufacturing nec, other 21-23, 42-81	1,453,882	0.7	3,954	70

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

^a Includes domestic net sales of companies that perform or fund R&D, transfers to foreign subsidiaries, and export sales to foreign companies; excludes intracompany transfers and sales by foreign subsidiaries.

^b R&D intensity is domestic R&D paid for by the company and others and performed by the company divided by domestic net sales.

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

^d Includes researchers, R&D managers, technicians, clerical staff, and others assigned to R&D groups.

Note(s)

Detail may not add to total because of rounding. Sales, R&D intensity, and total domestic employment statistics are representative of companies located in the United States that performed or funded R&D; R&D employment statistics are representative of companies located in the United States that performed R&D. 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. Excludes data for federally funded R&D centers. The Business R&D and Innovation Survey does not include companies with fewer than five employees.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, Business R&D and Innovation Survey (BRDIS), 2015. *Science and Engineering Indicators 2018*