

Table 2**Business R&D performed in the United States, by technology focus, selected industry, and company size: 2018**

(Millions of U.S. dollars)

Selected industry, NAICS code, and company size	Total		Biotechnology		Nanotechnology		Software	
	Companies ^a (number)	Amount	Companies ^a (number)	Amount	Companies ^a (number)	Amount	Companies ^a (number)	Amount
All industries, 21–33, 42–81	26,313	441,036	2,470 i	62,862	957 i	16,799 i	11,034 i	165,576
Manufacturing industries, 31–33	15,205	274,075	1,733 i	53,272	772 i	14,783 i	4,004 i	40,507
Chemicals, 325	2,713	84,137	1,058 i	47,526	203 i	607	195 i	498
Pharmaceuticals and medicines, 3254	1,334	74,592	915 i	46,023	55 i	401	99	315
Other 325	1,379	9,545	143 i	1,503 i	148 i	206	96 i	183
Machinery, 333	2,072	14,799	24	10	34 i	1,028 i	827 i	1,620 i
Computer and electronic products, 334	2,340	83,697	208 i	2,319 i	267 i	12,545 i	1,394 i	30,187
Transportation equipment, 336	1,105	52,629	8	35	7	33 i	234 i	4,629 i
Miscellaneous, 339	1,251	17,209	176 i	2,147	66 i	308 i	329 i	2,263
Manufacturing nec, other 31–33	5,724	21,604	259	1,235	195	262	1,025	1,310
Nonmanufacturing industries, 21–23, 42–81	11,116	166,961	737 i	9,590	185 i	2,016 i	7,030 i	125,069
Information, 51	2,660	94,349	23	77	11	1,095 i	2,383	86,457
Professional, scientific, and technical services, 54	6,224	44,860	646 i	8,624	149 i	878 i	3,968 i	16,590
Nonmanufacturing nec, other 21–23, 42–81	2,232	27,752	68	889	25	43	679 i	22,022
All companies (number of domestic employees)	26,313	441,036	2,470 i	62,862	957 i	16,799 i	11,034 i	165,576
Small companies								
10–19 ^b	4,294	4,390	582 i	987	182 i	138 i	2,128 i	1,496
20–49	7,386	11,252	699 i	2,803	292 i	354 i	3,316 i	3,946
Medium companies								
50–99	4,591	12,321	311 i	3,508	137 i	330 i	1,850 i	3,677
100–249	5,004	18,547	444 i	4,155	132 i	463	1,797 i	5,690
Large companies								
250–499	2,060	19,645	170	5,313	75	732	722	5,982
500–999	1,152	17,657	74 i	3,263 i	40	581 i	429	5,730
1,000–4,999	1,263	68,578	100	9,005 i	57	3,517	523	27,408
5,000–9,999	241	45,337	32	8,580	16	3,787	114	13,619
10,000–24,999	207	84,420	43	21,542 i	13	2,020 i	98	27,794
25,000 or more	114	158,889	16	3,706	12	4,877 i	57	70,233 i

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 Beginning in survey year 2018, these statistics include an adjustment to the weight to account for unit nonresponse. A company having multiple reporting parts for data collection may contribute to the statistics for multiple industries, so the detail may not add to the total for the number of companies.^b Business Research and Development Survey does not include companies with fewer than 10 domestic employees.**Note(s):**

Technology focus categories may not sum to the total because companies may report their R&D costs in zero, one, or many categories. Industry and company size category detail may not add to total because of rounding. Statistics are representative of companies located in the United States that performed or funded \$50,000 or more of 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. Technologies are not mutually exclusive as companies could report R&D in one, more than one, or no technology focus. Additional industry-level data can be found in the full set of BRDS detailed statistical tables posted online.

Source(s):

National Center for Science and Engineering Statistics and U.S. Census Bureau, Business Research and Development Survey, 2018.