

TABLE 2

Annual Business Survey aggregate R&D estimates, by questionnaire reference and employment size, for companies with 1–9 employees: 2018

(Thousands of U.S. dollars)

Company and financial information	All companies	1–4 employees	5–9 employees
Number of companies	12,975	7,843	5,133
Total R&D cost	6,467,338	2,644,204	3,823,134
Foreign R&D costs	700,609	326,353	374,256
Domestic R&D costs	5,766,729	2,317,852	3,448,877
Domestic R&D costs for salaries, wages, and benefits	2,818,156	1,122,207	1,695,949
Domestic R&D costs for expensed machinery and equipment (not capitalized)	163,888	86,736	77,152
Domestic R&D costs for materials and supplies	425,260	187,470	237,790
Domestic R&D costs for payments to others for R&D	1,239,892	427,124	812,768
Domestic R&D costs for depreciation on R&D property and equipment	60,036	26,662	33,374
Domestic R&D costs for other costs	1,059,498	467,652	591,846
Domestic R&D performance	4,526,838	1,890,728	2,636,110
Domestic R&D performance paid for by company	3,570,660	1,408,768	2,161,892
Domestic R&D performance paid for by foreign owner	175,207	65,659	109,548
Domestic R&D performance paid for by another U.S. business	196,003	109,838	86,165
Domestic R&D performance paid for other businesses located outside the United States	34,019	18,875	15,144
Domestic R&D performance paid for by U.S. university or college	10,459	3,956	6,503
Domestic R&D performance paid for by U.S. nonprofit organization	13,871	7,552	6,319
Domestic R&D performance paid for by U.S. federal government	506,856	263,610	243,246
Domestic R&D performance paid for by U.S. state or local government	17,078	11,321	5,757
Domestic R&D performance paid for by all other organizations outside the United States	2,685 r	1,149 r	1,536 r
Domestic R&D performance for basic research	224,480	93,473	131,007
Domestic R&D performance for applied research	1,365,493	635,779	729,714
Domestic R&D performance for development	2,936,865	1,161,476	1,775,389

r = relative standard error > 50%.

Note(s):

Detail may not add to total because of rounding. Statistics are representative of companies located in the United States that performed or funded R&D.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, 2019 Annual Business Survey: Data Year 2018.