

TABLE 1

**Annual Business Survey aggregate R&D estimates for companies with 1–9 employees, by questionnaire reference and company size: 2017**

(Thousands of U.S. dollars)

<b>Company and financial information</b>	<b>All companies</b>	<b>1–4 employees</b>	<b>5–9 employees</b>
Total R&D cost	6,655,717	3,525,771	3,129,946
R&D for salaries, wages, and fringe benefits	3,656,750	1,895,125	1,761,625
R&D for expensed machinery and equipment (not capitalized)	256,952	153,000	103,952
R&D for materials and supplies	583,126	319,901	263,224
R&D for payments to business partners for collaborative R&D	361,014	228,498	132,516
R&D for purchased R&D services	604,337	285,706	318,632
R&D for depreciation on R&D property and equipment	91,733	51,480	40,253
R&D for other costs	1,101,806	592,061	509,745
R&D paid for by company	5,345,991	2,806,839	2,539,152
R&D paid for by foreign owner	195,846	94,969	100,877
R&D paid for by another U.S. business	235,492	162,868	72,625
R&D paid for other businesses located outside the United States	73,188	46,658	26,530
R&D paid for by U.S. university or college	17,742	11,093	6,649
R&D paid for by U.S. nonprofit organization	15,548	10,015	5,533
R&D paid for by U.S. federal government	697,014	341,752	355,263
R&D paid for by U.S. state or local government	21,483	13,568	7,915
R&D paid for by other sources	53,412	38,009	15,403
R&D paid by company and performed by others	965,351	514,204	451,147
R&D paid for basic research	921,124	478,702	442,423
R&D paid for applied research	2,230,773	1,265,002	965,771
R&D paid for development	3,503,820	1,782,067	1,721,753

**Note(s):**

Detail may not add to total because of rounding. Statistics are representative of companies located in the United States. R&D data are tabulated only for records reporting \$50,000 or more in R&D expenditures.

**Source(s):**

National Center for Science and Engineering Statistics and U.S. Census Bureau, Annual Business Survey, 2017.