

TABLE 4-12

## Funds spent for business R&amp;D performed in the United States, by size of company: Selected years, 2010–17

(Millions of dollars and percent share)

| Size of company (number of domestic employees) | Millions of dollars |         |         |         |         |         | Percentage of all business R&D |       |       |       |       |       |
|--|---------------------|---------|---------|---------|---------|---------|--------------------------------|-------|-------|-------|-------|-------|
|  | 2010                | 2012    | 2014    | 2015    | 2016    | 2017    | 2010                           | 2012  | 2014  | 2015  | 2016  | 2017  |
| All business domestic R&D <sup>a</sup>         | 278,977             | 302,250 | 340,728 | 355,821 | 374,685 | 400,100 | 100.0                          | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Micro companies <sup>b</sup>                   |                     |         |         |         |         |         |                                |       |       |       |       |       |
| 5–9  | 3,851               | 2,926   | 3,295   | 2,988   | 1,581   | NA      | 1.4                            | 1.0   | 1.0   | 0.8   | 0.4   | NA    |
| Small companies                                |                     |         |         |         |         |         |                                |       |       |       |       |       |
| 10–24 <sup>c</sup>                             | 8,722               | 6,915   | 7,177   | NA      | NA      | NA      | 3.1                            | 2.3   | 2.1   | NA    | NA    | NA    |
| 25–49  | 8,624               | 7,195   | 8,428   | NA      | NA      | NA      | 3.1                            | 2.4   | 2.5   | NA    | NA    | NA    |
| 10–19 <sup>c</sup>                             | NA                  | NA      | NA      | 5,680   | 4,958   | 3,311   | NA                             | NA    | NA    | 1.6   | 1.3   | 0.8   |
| 20–49 <sup>c</sup>                             | NA                  | NA      | NA      | 10,249  | 9,662   | 9,435   | NA                             | NA    | NA    | 2.9   | 2.6   | 2.4   |
| Medium companies                               |                     |         |         |         |         |         |                                |       |       |       |       |       |
| 50–99  | 8,855               | 9,182   | 10,178  | 11,509  | 9,298   | 10,141  | 3.2                            | 3.0   | 3.0   | 3.2   | 2.5   | 2.5   |
| 100–249  | 11,866              | 12,480  | 13,492  | 13,602  | 14,875  | 17,216  | 4.3                            | 4.1   | 4.0   | 3.8   | 4.0   | 4.3   |
| Large companies                                |                     |         |         |         |         |         |                                |       |       |       |       |       |
| 250–499  | 10,283              | 11,264  | 12,203  | 13,553  | 13,092  | 14,103  | 3.7                            | 3.7   | 3.6   | 3.8   | 3.5   | 3.5   |
| 500–999  | 10,117              | 11,484  | 13,262  | 15,217  | 14,450  | 17,871  | 3.6                            | 3.8   | 3.9   | 4.3   | 3.9   | 4.5   |
| 1,000–4,999                                    | 48,228              | 50,691  | 57,551  | 58,094  | 63,971  | 65,112  | 17.3                           | 16.8  | 16.9  | 16.3  | 17.1  | 16.3  |
| 5,000–9,999                                    | 27,463              | 30,483  | 38,202  | 38,838  | 40,633  | 40,198  | 9.8                            | 10.1  | 11.2  | 10.9  | 10.8  | 10.0  |
| 10,000–24,999                                  | 41,835              | 49,493  | 54,445  | 59,328  | 65,594  | 73,485  | 15.0                           | 16.4  | 16.0  | 16.7  | 17.5  | 18.4  |
| 25,000 or more                                 | 99,133              | 110,138 | 122,495 | 126,763 | 136,571 | 149,227 | 35.5                           | 36.4  | 36.0  | 35.6  | 36.4  | 37.3  |

i = more than 50% of value imputed; NA = not available.

<sup>a</sup> R&D performed by companies in the domestic United States. Includes industries in NAICS 21–33, 42–81.<sup>b</sup> Data from the Business R&D and Innovation Survey (BRDIS; 2008–16) do not include companies with fewer than 5 employees. Data from the Business Research and Development Survey (BRDS; 2017) do not include companies with fewer than 10 employees. (Data on companies with 1–9 employees will be collected by the Annual Business Survey.)<sup>c</sup> Employee size categories have been revised to match international classifications starting in 2015.**Note(s)**

Detail may not add to total because of rounding. This table excludes data for federally funded R&amp;D centers.

**Source(s)**

National Center for Science and Engineering Statistics, National Science Foundation, Business R&amp;D and Innovation Survey (BRDIS), Business Research and Development Survey (BRDS) (annual series).

Science and Engineering Indicators