

TABLE 56

**Product or process innovation in companies, by company size and R&D activity: 2015–17**

(Number and percent)

| Company size     | Companies (number) | In-house or external R&D |         |         |      |
|------------------|--------------------|--------------------------|---------|---------|------|
|                  |                    | Number                   |         | Percent |      |
|                  |                    | Yes                      | No      | Yes     | No   |
| All companies    | 1,218,460          | 365,864                  | 852,596 | 30.0    | 70.0 |
| Micro companies  |                    |                          |         |         |      |
| 1–4              | 636,031            | 172,577                  | 463,454 | 27.1    | 72.9 |
| 5–9              | 244,122            | 68,678                   | 175,444 | 28.1    | 71.9 |
| Small companies  |                    |                          |         |         |      |
| 10–19            | 164,994            | 51,617                   | 113,377 | 31.3    | 68.7 |
| 20–49            | 107,656            | 41,061                   | 66,595  | 38.1    | 61.9 |
| Medium companies |                    |                          |         |         |      |
| 50–99            | 34,925             | 15,853                   | 19,072  | 45.4    | 54.6 |
| 100–249          | 19,014             | 9,472                    | 9,542   | 49.8    | 50.2 |
| Large companies  |                    |                          |         |         |      |
| 250–499          | 6,082              | 3,161                    | 2,921   | 52.0    | 48.0 |
| 500–999          | 2,568              | 1,437                    | 1,131   | 55.9    | 44.1 |
| 1,000–4,999      | 2,314              | 1,465                    | 849     | 63.3    | 36.7 |
| 5,000–9,999      | 382                | 275                      | 107     | 71.9    | 28.1 |
| 10,000–24,999    | 225                | 160                      | 65      | 71.0    | 29.0 |
| 25,000 or more   | 146                | 108                      | 38      | 74.1    | 25.9 |

**Note(s):**

Detail may not add to total because of rounding. R&D activity is based on unedited company responses to innovation questions, not R&D expenditures. Statistics are representative of companies located in the United States.

**Source(s):**

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