

## TECHNICAL TABLE A-11

**Companies that required an analyst action, by sampling stratum: 2017**

(Number)

Stratum	Total	Companies deleted <sup>a</sup>	Companies requiring action due to merger or acquisition <sup>b</sup>	Companies requiring action due to analyst review <sup>c</sup>
Total	2,970	2,819	131	20
Known positive R&D	720	640	69	11
Certainties	511	441	61	9
Noncertainties	209	199	8	2
Known zero R&D	111	107	4	0
Certainties	71	68	3	0
Noncertainties	40	39	1	0
Unknown R&D	2,125	2,061	55	9
Certainties	380	365	10	5
Noncertainties	1,745	1,696	45	4
Cases not in the frame	14	11	3	0

<sup>a</sup> Companies are deleted when they are found to be out of business or out of scope for the survey during the reporting period.

<sup>b</sup> Information regarding mergers and acquisitions comes from several sources. The information is collected on the form, and there is a presurvey phone call that requests the information from top R&D-performing companies. Information may also come from the company profiles that are maintained by survey staff.

<sup>c</sup> These companies are added based on a review of historic R&D reported to the Business Research and Development Survey and on public information available on the companies' R&D expenses.

**Note(s)**

Companies were said to be known to conduct R&D (known positive R&D) if they reported positive R&D in any of the previous 5 survey years. Companies were said to have known zero R&D if they reported zero R&D in at least 1 of the previous 3 survey years and no positive R&D in any of the 5 years. Companies were said to be unknown if no R&D information was available.

**Source(s)**

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