

## TECHNICAL TABLE A-11

## Companies that required an analyst action, by sampling stratum: 2016

(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	2,751	2,671	69	11
Known positive R&D	689	664	21	4
Certainties	530	513	13	4
Noncertainties	159	151	8	0
Known zero R&D	29	27	2	0
Certainties	23	22	1	0
Noncertainties	6	5	1	0
Unknown R&D	2,017	1,965	46	6
Certainties	542	525	14	3
Noncertainties	1,475	1,440	32	3
Cases not in the frame	16	15	0	1

<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 and reported to the Business R&D Innovation Survey and 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 Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2016.