

TABLE A-11. Companies that required an analyst action, by sampling stratum: 2013  
(Number of companies)

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	3,641	3,283	88	270
Known positive R&D	642	538	28	76
Certainties	350	292	14	44
Noncertainties	292	246	14	32
Known zero R&D	199	157	6	36
Certainties	136	97	5	34
Noncertainties	63	60	1	2
Unknown R&D	2,790	2,578	54	158
Certainties	782	625	20	137
Noncertainties	2,008	1,953	34	21
Cases not in the frame	10	10	0	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 letter 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.

NOTES: 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 5 survey years and no positive R&D in any of the 5 years. Companies were said to be unknown if no R&D information were available.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2013.