

TABLE A-11. Companies that required an analyst action, by sampling stratum: 2012
(Number of companies)

Stratum	Total	Companies deleted ^a	Companies requiring action due to merger or acquisition ^b	Companies added to sample due to analyst review ^c
Total	3,573	3,394	163	16
Known positive R&D	534	497	31	6
Certainties	269	250	15	4
Noncertainties	265	247	16	2
Known zero R&D	117	105	9	3
Certainties	56	51	3	2
Noncertainties	61	54	6	1
Unknown R&D	2,903	2,774	122	7
Certainties	629	583	44	2
Noncertainties	2,274	2,191	78	5
Cases not in the frame	19	18	1	0

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

^b 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.

^c These companies are added based on a review of historical R&D reported to the Business R&D Innovation Survey and public information available on the companies' R&D expenses. These were previously deleted in prior statistical periods.

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 years of the survey. Companies were said to have known zero R&D if they reported no R&D in all of the previous 5 years of the survey.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2012.