

TECHNICAL TABLE A-11

Companies that required an analyst action, by sampling stratum: 2018

(Number)

Stratum	Total	Companies deleted ^a	Companies requiring action due to merger or acquisition ^b	Companies requiring action due to analyst review ^c
Total	3,190	2,983	192	15
Known positive R&D	857	721	129	7
Certainties	660	535	118	7
Noncertainties	197	186	11	0
Known zero R&D	119	112	5	2
Certainties	72	66	5	1
Noncertainties	47	46	0	1
Unknown R&D	2,184	2,126	52	6
Certainties	503	480	20	3
Noncertainties	1,681	1,646	32	3
Cases not in the frame	30	24	6	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 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.

^c These companies are added based on a review of historic R&D and reported to the Business Research and Development 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 previous 5 survey 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, 2018.