

TABLE A-4

**Companies sampled, by sampling stratum: 2019**

(Number of companies)

Stratum	Total
Total	45,500
Known positive R&D	20,000
Certainties	15,500
Noncertainties	4,600
Known zero R&D	2,300
Certainties	1,600
Noncertainties	750
Unknown R&D	23,500
Certainties	5,700
Noncertainties	18,000

**Note(s):**

Beginning in survey year 2019, counts reflect a change in rounding methodology. Detail may not add to total because of rounding. 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 Census Bureau, Business Enterprise Research and Development Survey, 2019.