

TABLE 67

Companies with and without R&D activity that introduced new or significantly improved processes, by size of R&D program and the proportion of companies in each R&D program size classification: 2014–16

(Number and percent)

Company type	New or significantly improved products or processes			New or significantly improved processes								
	Companies (number)	Yes ^a	No ^b	Companies (number)	Any process		Manufacturing or production methods		Logistics, delivery, or distribution methods		Support activities	
					Yes ^c	No ^d	Yes	No	Yes	No	Yes	No
R&D programs (number)												
All companies	1,138,671	190,077	948,594	1,138,671	148,930	989,741	66,873	1,071,798	54,774	1,083,897	112,050	1,026,621
R&D activity ^e	31,883	22,217	9,666	31,883	15,134	16,748	11,783	20,100	4,939	26,944	9,599	22,284
< \$10 million	29,623	20,837	8,786	29,623	14,211	15,412	11,105	18,518	4,470	25,153	8,904	20,719
≥ \$10 million but < \$50 million	1,463	851	612	1,463	555	908	388	1,075	226	1,237	394	1,069
≥ \$50 million but < \$100 million	309	197	112	309	138	171	102	207	79	230	110	199
≥ \$100 million	488	332	156	488	230	258	189	299	165	323	191	297
No R&D activity	1,106,789	167,860	938,928	1,106,789	133,796	972,992	55,090	1,051,698	49,835	1,056,953	102,451	1,004,337
R&D program size proportions (percent)												
All companies	1,138,671	16.7	83.3	1,138,671	13.1	86.9	5.9	94.1	4.8	95.2	9.8	90.2
R&D activity ^e	31,883	69.7	30.3	31,883	47.5	52.5	37.0	63.0	15.5	84.5	30.1	69.9
< \$10 million	29,623	70.3	29.7	29,623	48.0	52.0	37.5	62.5	15.1	84.9	30.1	69.9
≥ \$10 million but < \$50 million	1,463	58.2	41.8	1,463	38.0	62.0	26.5	73.5	15.4	84.6	26.9	73.1
≥ \$50 million but < \$100 million	309	63.6	36.4	309	44.7	55.3	32.9	67.1	25.5	74.5	35.5	64.5
≥ \$100 million	488	68.1	31.9	488	47.1	52.9	38.7	61.3	33.8	66.2	39.0	61.0
No R&D activity	1,106,789	15.2	84.8	1,106,789	12.1	87.9	5.0	95.0	4.5	95.5	9.3	90.7

^a Includes companies responding "Yes" to at least one of the items on the survey relating to new or significantly improved products or processes.

^b Includes companies responding "No" to all of the items on the survey relating to new or significantly improved products or processes.

^c Includes companies responding "Yes" to at least one of the items on the survey relating to new or significantly improved processes.

^d Includes companies responding "No" to all of the items on the survey relating to new or significantly improved processes.

^e Statistics are representative of companies located in the United States that performed or funded R&D.

Note(s)

Detail may not add to total because of rounding. These statistics include an adjustment to account for item nonresponse beginning in survey year 2016. This change has affected the comparability of these company count estimates with estimates published for years prior to 2016. These statistics do not include an adjustment to account for unit nonresponse.

Source(s)

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