

Table 7**Product innovating companies and partners, by company size: 2017–19**

(Number and percent)

Industry	NAICS code	All companies	Any cooperation partner	Parent, affiliated, or subsidiary business	Suppliers	Other businesses	Federal, state, or local government	Customers	Consultants or commercial laboratories	Universities, colleges, or other institutions of higher education	Nonprofit organizations	Households or individuals
Industry												
All industries	11, 21–23, 31–33, 42–81	530,124	69.7	12.1	40.8	31.3	7.0	40.1	12.9	6.4	6.4	17.7
Manufacturing industries	31–33	35,277	75.1	11.1	46.1	33.6	5.5	48.8	13.1	7.1	4.0	10.8
Nonmanufacturing industries	11, 21–23, 42–81	494,848	69.3	12.2	40.4	31.1	7.1	39.5	12.9	6.3	6.6	18.2
Employment size												
All companies	na	530,124	69.7	12.1	40.8	31.3	7.0	40.1	12.9	6.4	6.4	17.7
Microbusinesses												
1–4	na	269,460	68.5	11.0	36.4	31.5	6.3	41.2	12.5	6.2	6.6	18.5
5–9	na	112,592	68.9	10.5	43.6	30.5	7.3	36.9	12.0	6.8	6.2	18.5
Small businesses												
10–19	na	75,348	70.1	12.4	44.3	29.7	7.1	38.3	12.0	5.4	5.4	16.4
20–49	na	45,233	74.1	14.9	48.5	32.6	9.0	43.1	15.6	7.0	7.5	16.1
Medium businesses												
50–99	na	14,269	75.3	18.9	46.9	35.2	8.2	45.3	17.1	7.8	7.2	16.9
100–249	na	7,734	71.2	23.2	49.5	28.2	10.4	33.0	15.5	7.2	5.3	10.3
Large businesses												
250–499	na	2,732	83.8	41.5	57.5	41.2	7.1 r	48.1	25.5	6.6	5.6 r	8.1
500–999	na	1,156	77.9	34.9	54.0	24.7	10.6 r	44.7 r	26.7 r	6.0	2.8	12.1 r
1,000–4,999	na	1,152	80.2 r	48.9	49.4 r	40.5 r	18.0 r	43.9 r	26.2	17.4 r	13.5 r	10.6 r
5,000–9,999	na	196	89.3	65.3	55.6	37.8	18.9	46.9	40.3	20.4	8.2	9.2
10,000–24,999	na	145	90.3	77.2	64.1	56.6	20.7	55.9	42.8	25.5	13.1	13.1
25,000 or more	na	108	87.0	72.2	63.9	62.0	22.2	54.6	54.6	22.2	10.2	16.7

na = not applicable; r = relative standard error > 50%.

Note(s):

Detail may not add to total because of rounding. Statistics are representative of companies located in the United States.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, 2020 Annual Business Survey: Data Year 2019.