

TABLE 144

Factors adversely affecting production of specialized software or goods or services that included specialized software, by company size: 2016–18

(Number and percent)

Employment size	Companies (number)	This technology was too expensive	The technology was not mature	Lacked access to required data	Required data not reliable	Lacked access to required human capital and talent	Laws and regulations	Concerns regarding safety and security (physical security and/or cybersecurity)	Lacked access to capital	Technology not applicable to this business	No factors adversely affected the adoption of this technology
All companies	4,805,151	5.8	0.5	0.4	0.2	0.7	0.6	0.8	1.1	37.3	52.6
Micro companies											
1–4	2,667,724	5.7	0.4	0.4	0.2	0.7	0.5	0.7	1.0	39.3	50.7
5–9	936,576	6.4	0.7	0.5	0.3	0.7	0.6	0.9	1.1	36.6	52.6
Small companies											
10–19	579,513	6.1	0.6	0.4	0.2	0.8	0.5	0.8	1.2	34.6	55.3
20–49	402,199	5.3	0.7	0.4	0.3	0.7	0.6	0.8	1.1	34.0	57.0
Medium companies											
50–99	119,497	5.0	0.6	0.6	0.4	1.4	0.7	1.0	1.5	29.8	60.6
100–249	65,565	4.8	0.8	0.5	0.2 r	0.8	0.7	1.1	1.2	29.2	61.7
Large companies											
250–499	18,897	6.9	0.9 r	0.3 r	0.3 r	2.1	0.3 r	1.3	1.5 r	26.9	62.0
500–999	7,289	4.3 r	0.7 r	0.5	0.3	1.1	0.4	1.8 r	0.8	28.8	62.4
1,000–4,999	6,199	7.2 r	2.0 r	0.6	0.7	1.7	1.4 r	3.1 r	2.5 r	22.1	64.9
5,000–9,999	823	5.0	1.7	1.8	1.0	2.9	0.7	2.2	1.3	22.1	62.9
10,000–24,999	514	5.4	2.5	1.8	3.1	3.5	3.1	4.1	2.5	16.0	67.1
25,000 or more	358	19.6 r	3.9	2.0	2.5	7.5	2.5	5.9	2.8	22.9	49.7

r = relative standard error > 50%.

Note(s):

Detail may not add to total because of rounding. Detail may exceed total because companies could select more than one response. Statistics are representative of companies located in the United States.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, 2019 Annual Business Survey: Data Year 2018.