

**Table 3****Domestic R&D paid for and performed by the company, distributed by selected industry and state: 2021**

(Millions of dollars and percent)

Selected industry and location	Millions of U.S. dollars	Shares (%)
<b>Total manufacturing (NAICS 31–33)</b>		
United States	287,666	100
California	92,329	32
Massachusetts	25,634	9
Michigan	17,986	6
New Jersey	14,456	5
Texas	13,615	5
Illinois	11,105	4
All other states	112,541	39
<b>Semiconductors (NAICS 3344)</b>		
United States	45,516	100
California	23,020	51
Oregon	6,776	15
Arizona	3,795	8
Texas	3,546	8
Idaho	1,582	3
Massachusetts	1,551	3
All other states	5,246	12
<b>Semiconductor machinery (NAICS 333242)</b>		
United States	5,182	100
California	3,377	65
Oregon	578	11
Texas	469	9
Massachusetts	392	8
New York	98	2
Arizona	75	1
All other states	193	4

NAICS = 2017 North American Industry Classification System.

**Note(s):**

Percentages are for the top six states across industries. Detail may not add to total because of rounding. Industry classification is based on the dominant business code for domestic R&D performance, where available. Statistics are representative of companies located in the United States that performed or funded \$50,000 or more of R&D

**Source(s):**

National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2021.