

Companies with domestic R&D paid for and performed by the company, by state: 2021						
Semiconductors and Other Electronic Components (NAICS 3344); Semiconductor Machinery Manufacturing (NAICS 333242)						
NAICS	3344	333242	Total	3344	333242	Total
# Companies, U.S.	610	50	NA			
	\$ millions					
United States	45,516	5,182	50,698			
California	23,020	3,377	26,397	50.58%	65.17%	52.07%
Oregon	6,776	578	7,354	14.89%	11.15%	14.51%
Texas	3,546	469	4,015	7.79%	9.05%	7.92%
Arizona	3,795	75	3,870	8.34%	1.45%	7.63%
Massachusetts	1,551	392	1,943	3.41%	7.56%	3.83%
Idaho	1,582	31	1,613	3.48%	0.60%	3.18%
Colorado	1,068	1	1,069	2.35%	0.02%	2.11%
North Carolina	721	0	721	1.58%	0.00%	1.42%
New Mexico	109 - 1,024	0	109 - 1,024	0.24-2.25%	0.00%	0.21-2.02%
New York	355	98	453	0.78%	1.89%	0.89%
Washington	287	0	287	0.63%	0.00%	0.57%
Pennsylvania	264	14	278	0.58%	0.27%	0.55%
Kansas	0 - 574	0	0 - 574	0.00-1.13%	0.00%	0.00-1.13%
New Jersey	166	50	216	0.36%	0.96%	0.43%
Florida	181	13	194	0.40%	0.25%	0.38%
New Hampshire	152	*	-	0.33%	-	-
Minnesota	142	9	151	0.31%	0.17%	0.30%
Vermont	134	0	134	0.29%	0.00%	0.26%
Ohio	109	*	-	0.24%	-	-
Illinois	97	0	97	0.21%	0.00%	0.19%
Montana	0 - 7	72	72-79	0.00-0.02%	1.39%	0.14-0.16%
Michigan	58	0	58	0.13%	0.00%	0.11%
South Carolina	50	0	50	0.11%	0.00%	0.10%
Utah	49	0	49	0.11%	0.00%	0.10%
Iowa	0 - 69	0	0 - 69	0.00-0.15%	0.00%	0.00-0.14%
Kentucky	34	0	34	0.07%	0.00%	0.07%
Rhode Island	34	0	34	0.07%	0.00%	0.07%
Maine	31	0	31	0.07%	0.00%	0.06%
South Dakota	29	0	29	0.06%	0.00%	0.06%
Wisconsin	29	0	29	0.06%	0.00%	0.06%
Connecticut	27	0	27	0.06%	0.00%	0.05%
Alabama	25	0	25	0.05%	0.00%	0.05%
Georgia	20	0	20	0.04%	0.00%	0.04%
Virginia	19	0	19	0.04%	0.00%	0.04%
Maryland	18	0	18	0.04%	0.00%	0.04%
Tennessee	17	0	17	0.04%	0.00%	0.03%
Indiana	15	*	-	0.03%	-	-
Oklahoma	0 - 24	0	0 - 24	0.00-0.05%	0.00%	0.00-0.05%
Missouri	11	0	11	0.02%	0.00%	0.02%
Nevada	8	1	9	0.02%	0.02%	0.02%
Nebraska	6	0	6	0.01%	0.00%	0.01%
Delaware	0 - 10	0	0 - 10	0.00-0.02%	0.00%	0.00-0.02%
Louisiana	0 - 8	0	0 - 8	0.00-0.02%	0.00%	0.00-0.02%
West Virginia	0 - 5	0	0 - 5	0.00-0.01%	0.00%	0.00-0.01%
Mississippi	0 - 4	0	0 - 4	0.00-0.01%	0.00%	0.00-0.01%
Wyoming	0 - 4	0	0 - 4	0.00-0.01%	0.00%	0.00-0.01%
DC	3	0	3	0.01%	0.00%	0.01%
Alaska	0 - 2	0	0 - 2	0.00%	0.00%	0.00%
Hawaii	*	0	-	-	0.00%	-
North Dakota	*	0	-	-	0.00%	-
Undistributed	0 - 242	1	1-243	0.00-0.53%	0.02%	0.00-0.48%
Note: States rank ordered by total R&D spending, if available, then by NAICS-specific numbers.						
Source: Tables 26 & 27, Business Enterprise Research and Development (BERD) Survey, 2021, NCSES and Census Bureau						
Prepared by Andrew Reamer, Research Professor, GWIPP, George Washington University					10-Jul-24	