

TABLE 13

Domestic R&D performed by the company, by state and source of funds, for companies with 1–9 employees: 2021

(Thousands of U.S. dollars)

State	Total	Paid for by the company		Foreign owner	Another U.S. company	Other businesses outside the United States		U.S. university or college	U.S. nonprofit organization	U.S. federal government	U.S. state or local government	All other organizations outside the United States	
All states	6,124,669	4,550,744		179,119	270,888	16,580		7,685	26,720	1,004,852	63,157	4,923	
Alabama	27,599	18,371		0	2,711	0		0	0	6,517	0	0	
Alaska	826	0		0	44	0		345	0	437	0	0	
Arizona	88,693	66,849		9,015 r	3,175	83 r		0	0	9,137	0	433 r	
Arkansas	19,073	16,580		0	1,362 r	0		0	0	1,131	0	0	
California	2,012,984	1,366,577		99,861	83,999	5,892		991 r	16,770	405,457 r	32,619 r	818 r	
Colorado	234,304	184,814		594 r	19,231	0		536	838 r	26,099	2,192	0	
Connecticut	48,150	34,231		2,007 r	604	45		68 r	1,395	9,709	7	84 r	
Delaware	69,107	46,860		8,216	2,018 r	12 r		15	0	11,795 r	193 r	0	
District of Columbia	17,781	12,813		1,898	1,391	0		0	0	1,678	0	0	
Florida	281,389	199,663		0	10,611	711 r		590	0	68,067 r	1,549 r	198	
Georgia	96,196	70,475		0	9,078 r	0		0	0	16,523	119 r	0	
Hawaii	2,953	2,953		0	0	0		0	0	0	0	0	
Idaho	18,782 r	18,325 r		0	5	235		88	0	54	8	67	
Illinois	150,100	127,212		2,019 r	1,343	0		62	0	15,413	4,051 r	0	
Indiana	62,734	45,816		5,899 r	4,292 r	3,229		228 r	0	3,077	193 r	0	
Iowa	18,990	13,102		1,296	0	0		0	0	4,032	361	199 r	
Kansas	23,961	15,431		0	3,756 r	0		0	1,435 r	3,338 r	0	0	
Kentucky	25,048	18,740		0	900	0		0	0	5,129	279 r	0	
Louisiana	5,739	3,398 r		0	67 r	0		0	0	1,368	906	0	
Maine	8,666	7,012		166	1,059	0		0	0	429	0	0	
Maryland	172,731	108,654		8,081	9,808 r	765 r		903	501	41,262	2,756	0	
Massachusetts	278,140	219,594		1,957 r	10,674	201		169 r	2,616	41,361	110	1,458 r	
Michigan	102,184	90,822		0	523 r	0		192 r	0	9,687	961	0	
Minnesota	128,300	111,347		852	7,038	0		0	0	8,935 r	128	0	
Mississippi	7,556	6,973		0	165 r	0		0	0	418	0	0	
Missouri	32,212	27,132		0	1,237 r	0		0	0	3,843	0	0	
Montana	14,611	11,679		0	1	0		0	0	2,893	38	0	
Nebraska	7,014	5,656		0	0	0		0	201 r	1,157	0	0	
Nevada	43,669	35,461		0	981 r	179		0	0	6,732 r	316 r	0	
New Hampshire	43,419	37,033		0	280	2,538		0	0	3,569	0	0	
New Jersey	134,415	104,651		2,668 r	4,528 r	0		0	200 r	20,649	1,720	0	
New Mexico	25,502	13,201		0	3,841	0		0	0	8,259	201	0	
New York	226,485	186,246		1,066	4,880 r	891		212 r	0	32,905	284 r	0	
North Carolina	144,595	107,158		12,156	2,705	0		1,225 r	699 r	19,972	679	0	
North Dakota	3,068	2,763		0	0	0		0	0	305	0	0	

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Ohio	144,642	129,856		0	3,918	0	74	1,725 r	8,428	641	0
Oklahoma	30,764	22,999		0	5,588 r	0	0	0	2,177	0	0
Oregon	80,522	49,026		5,897 r	15,872	0	1,194 r	0	8,355	179	0
Pennsylvania	183,302	136,052		10,157 r	900	0	0	0	31,426	4,767 r	0
Rhode Island	6,696	3,561		0	0	0	0	0	3,135	0	0
South Carolina	95,782 r	83,633 r		0	811	0	0	0	10,438	900	0
South Dakota	3,156	3,156		0	0	0	0	0	0	0	0
Tennessee	47,601	31,384		0	2,901 r	0	0	0	9,789	3,528	0
Texas	301,057	267,854		1,766	4,027	751	773	0	25,683	138 r	64 r
Utah	66,559	55,690		0	1,406	0	14	0	9,449	0	0
Vermont	17,876 r	1,326		0	431	0	0	0	14,929 r	1,190 r	0
Virginia	137,037	95,486		310 r	6,129 r	514 r	0	129	32,940	0	1,529
Washington	243,051	177,903		3,237	32,777 r	533 r	0	210 r	27,534	784	73
West Virginia	3,795	1,489 r		0	1,369	0	0	0	924	13 r	0
Wisconsin	147,494	135,818 r		0	2,387	0	0	0	8,298	990 r	0
Wyoming	30,242 r	10,755 r		0	0	0	6	0	19,237 r	243	0
Undistributed	8,117	7,162 r		0	65	0	0	0	775	116	0

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 that performed or funded R&D.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, 2022 Annual Business Survey: Data Year 2021.