

TABLE 17

**Domestic R&D performed by the company, by state and source of funds, for companies with 1–9 employees: 2019**

(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	5,218,911	4,109,445	114,719	211,608	22,991	12,065	9,387	712,053	22,908	3,736
Alabama	108,536 r	25,633	0	196 r	51	0	114	82,543 r	0	0
Alaska	535	535	0	0	0	0	0	0	0	0
Arizona	58,705	50,103	0	415 r	0	155 r	40	7,991	0	0
Arkansas	4,879	1,710	0	968	0	0	0	1,975	36	190
California	1,424,295	1,207,963	41,376	31,658	6,551 r	669	0	134,734	1,343	0
Colorado	263,950	200,529 r	0	7,876 r	106 r	490 r	393 r	54,015	294	248
Connecticut	108,367	99,665	0	1,877	0	871 r	0	5,687	212	55
Delaware	49,146	37,221	5,644 r	633	0	337 r	0	4,405	232	673 r
District of Columbia	15,224	9,687	2,342	121 r	243 r	0	229 r	2,126 r	0	475 r
Florida	284,522	218,872	16,316 r	15,525 r	125 r	1,533 r	8 r	31,945 r	191 r	8 r
Georgia	67,080	52,336	0	5,595 r	0	0	0	9,150	0	0
Hawaii	5,575	4,485	0	0	0	0	0	1,017 r	73 r	0
Idaho	20,342 r	19,837 r	0	32	0	0	0	473	0	0
Illinois	137,873	100,475	4,374	15,512 r	8	0	635 r	14,049	2,820 r	0
Indiana	47,889	36,130	477 r	4,078 r	0	0	1,843 r	5,291	72	0
Iowa	35,499 r	32,972 r	0	0	0	0	0	2,527	0	0
Kansas	22,344	17,602	0	1,460 r	0	0	1,773 r	1,508 r	0	0
Kentucky	12,993	4,857	735 r	1,510	0	0	0	5,523	368 r	0
Louisiana	16,467	10,638	0	254	0	253	0	5,322 r	0	0
Maine	12,988	10,584	0	0	263 r	643 r	0	1,318 r	180 r	0
Maryland	114,774	81,522	3,164	1,542	0	1,677	354	20,661	5,725	129
Massachusetts	281,009	216,506	9,928 r	6,050	1,082	185 r	381	44,222	2,086 r	570 r
Michigan	49,804	28,046	4,228 r	1,544 r	0	142	0	15,844	0	0
Minnesota	108,594	105,943	0	2,078	0	0	0	573	0	0
Mississippi	3,086	2,781	0	305 r	0	0	0	0	0	0
Missouri	28,500	15,149	0	179 r	3,415	0	0	6,390	2,099	1,268
Montana	18,083	10,786	0	1,228 r	0	0	0	5,792	276	0
Nebraska	7,961	5,937	0	0	0	0	0	1,833	190	0
Nevada	62,394	50,712	5,440 r	3,583 r	0	0	0	2,660 r	0	0
New Hampshire	44,332	38,512	0	195	0	178	0	5,447 r	0	0
New Jersey	117,119	99,225	5,160 r	8,039 r	57 r	136 r	396	4,107	0	0
New Mexico	31,141	11,714	0	280	0	52	0	19,027	68	0

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New York	219,064	194,578	2,739 r	7,483 r	0	1,065 r	190 r	13,009	0	0
North Carolina	160,161	131,420	1,591 r	3,410	0	0	0	23,506	235 r	0
North Dakota	18,717 r	13,968 r	0	8	496	0	128	3,960	157 r	0
Ohio	134,799	84,358	370	6,670 r	0	377 r	0	42,998 r	26 r	0
Oklahoma	6,660	6,249	0	75 r	0	0	0	235 r	102 r	0
Oregon	124,320	106,475	2,078	2,204 r	690	0	0	12,426	447	0
Pennsylvania	188,263	135,650	1,239	11,493	6,403 r	144	38 r	32,808	446	43
Rhode Island	8,617 r	8,015 r	0	0	0	0	0	533	69 r	0
South Carolina	25,515	17,360	112 r	581	222	25	0	7,202 r	11	1
South Dakota	11,032	9,621	0	0	0	0	142 r	1,269	0	0
Tennessee	34,794	31,717	0	1,280	0	78 r	0	1,627	92	0
Texas	274,327	210,913	0	39,063	639 r	345 r	381 r	22,599	388	0
Utah	47,905	41,670 r	0	2,417 r	0	380	119 r	2,796	522	0
Vermont	12,890	10,870	0	868 r	0	0	0	1,152	0	0
Virginia	83,631	50,889	0	13,860 r	0	417 r	113 r	15,229	3,123 r	0
Washington	180,860	138,839	7,382 r	7,029 r	2,460	1,704 r	2,060 r	20,485	901 r	0
West Virginia	890	369	0	93	0	0	0	428	0	0
Wisconsin	93,940	84,282	24 r	1,754 r	181	19 r	0	7,556	125	0
Wyoming	3,685 r	2,579 r	0	57	0	0	13	1,037 r	0	0
Undistributed	24,836 r	20,958 r	0	532 r	0	190 r	38 r	3,043 r	0	76 r

r = relative standard error &gt; 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&amp;D.

**Source(s):**

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