

TABLE 13

Domestic R&D paid for by the company and others and performed by the company, by source of funds and state: 2018

(Millions of U.S. dollars)

State	Total	Paid for by the company	Paid for by others		
			Total	Federal	Nonfederal
All states	441,036	377,806	63,230	24,685	38,545
Alabama	2,236	1,284	952	851	101
Alaska	25 ^e	20 ^e	5 ^e	1 ^e	4 ^e
Arizona	6,203	4,673	1,530	815	715 ⁱ
Arkansas	471	423	48	19	28
California	144,524	129,656	14,868	7,177	7,691
Colorado	5,032	4,286	746	514	232
Connecticut	7,488	6,193	1,295	939	356
Delaware	2,375 ⁱ	1,432 ⁱ	942 ⁱ	9 ⁱ	933 ⁱ
District of Columbia	400	278	122	105	17
Florida	6,489	4,498	1,991 ⁱ	1,282 ⁱ	709 ⁱ
Georgia	5,067	4,094	973 ⁱ	105 ⁱ	868 ⁱ
Hawaii	146	89	57	20	37
Idaho	2,556	2,376	180	4 ⁱ	177
Illinois	13,182	12,239	943	84	859
Indiana	6,976	6,004	972	110	861
Iowa	3,315	2,556	759	434 - 665	94 - 325
Kansas	2,593	1,645	948	8	940
Kentucky	1,435	1,178	257	199	58
Louisiana	415	359	56	20 ⁱ	37
Maine	285	266	19	6	14
Maryland	6,016	4,227	1,789	1,326	463
Massachusetts	27,282	22,581	4,702	665	4,037
Michigan	22,412	20,323	2,089	260	1,829
Minnesota	7,405	7,021	384	138	246
Mississippi	276	250	26	11	15
Missouri	7,171 ⁱ	3,976 ⁱ	3,195 ⁱ	3,000 ⁱ	195 ⁱ
Montana	180	157	23	10	13
Nebraska	570	513	57	17	40
Nevada	960	638	322 ⁱ	25	296 ⁱ
New Hampshire	2,566	992	1,573	1,281	292
New Jersey	20,251	16,843	3,408	186 ⁱ	3,222
New Mexico	699	374	325 ⁱ	294 ⁱ	31 ⁱ
New York	17,515	15,370	2,144	860 ⁱ	1,285
North Carolina	11,716	7,790	3,926	167	3,760
North Dakota	312	284	28	2	26
Ohio	9,646	6,820	2,825	744 ⁱ	2,081
Oklahoma	868	822	47	13	34
Oregon	8,751	8,446	304	79	225
Pennsylvania	12,104	10,633	1,471	141	1,330
Rhode Island	703	663	39	29	10
South Carolina	1,670	1,462	208	68	140
South Dakota	201	179	22	1	21
Tennessee	1,440	1,184	255	52	203
Texas	20,929	18,267	2,662	599 ⁱ	2,063
Utah	3,025	2,642	383	194	189
Vermont	300	233	67	19	49
Virginia	5,725	4,092	1,633	1,307	325
Washington	30,305	29,498	807	173 ⁱ	634
West Virginia	238 ⁱ	209 ⁱ	29 ⁱ	20	10

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Wisconsin	5,966	5,334	632	92	539
Wyoming	39	34	5	2	3
Undistributed ^a	2,584	2,399	186	0 - 186	0 - 186

e = > 50% of value is modeled—see Technical notes; i = > 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

^a Includes data reported that were not allocated to a specific state by multi-establishment companies. For single-establishment companies, data reported were allocated to the state in the address used to mail the survey form.

Note(s):

Detail may not add to total because of rounding. For a given estimate in this table, if the conditions are satisfied for both the i and e flags, the e flag is assigned, because the imputation rate may be found in the corresponding table of imputation rates. Beginning in survey year 2018, statistics are representative of companies located in the United States that performed or funded \$50,000 or more of R&D. This change has affected the comparability of these estimates with estimates published for years prior to 2018. An estimate range may be displayed in place of a single estimate to avoid disclosing operations of individual companies.

Source(s):

National Center for Science and Engineering Statistics and U.S. Census Bureau, Business Research and Development Survey, 2018.