

Table 5**Funds spent for business R&D performed in the United States, by state and source of funds: 2019**

(Millions of dollars)

State	All R&D ^a	Paid for by the company	Paid for by others
United States	492,956	428,968	63,989
Alabama	2,423	1,191	1,232
Alaska	49	41	8
Arizona	6,403	4,570	1,832
Arkansas	461	397	64
California	171,961	158,850	13,111
Colorado	6,070	5,208	862
Connecticut	7,421	6,171	1,250
Delaware	2,156	1,436	720
District of Columbia	412	277	135
Florida	7,259	5,611	1,648
Georgia	4,844	3,924	920
Hawaii	159	86	73
Idaho	2,697	2,608	89
Illinois	14,112	13,383	729
Indiana	7,952	6,895	1,057
Iowa	3,087	2,285	802
Kansas	2,748	1,857	891
Kentucky	1,481	939	541
Louisiana	703	534	168
Maine	417	373	44
Maryland	5,852	4,248	1,604
Massachusetts	30,843	25,955	4,888
Michigan	21,283	18,918	2,364
Minnesota	8,026	7,547	479
Mississippi	324	276	48
Missouri	6,344	4,150	2,194
Montana	205	176	29
Nebraska	795	735	60
Nevada	1,045	829	216
New Hampshire	2,541	1,036	1,505
New Jersey	20,390	16,648	3,742
New Mexico	637	391	245
New York	20,180	17,968	2,212
North Carolina	13,249	9,188	4,061
North Dakota	349	340	9
Ohio	10,642	7,087	3,555
Oklahoma	1,067	956	111
Oregon	7,890	7,606	284
Pennsylvania	15,245	13,353	1,892
Rhode Island	715	664	52
South Carolina	1,784	1,527	257
South Dakota	194	170	24
Tennessee	1,663	1,381	282
Texas	23,906	20,916	2,990
Utah	2,857	2,463	394
Vermont	244	218	26
Virginia	6,061	4,276	1,785
Washington	37,330	35,823	1,507

Table 5**Funds spent for business R&D performed in the United States, by state and source of funds: 2019**

(Millions of dollars)

State	All R&D ^a		Paid for by the company		Paid for by others	
West Virginia	246	i	219	i	27	
Wisconsin	6,517		5,679		837	
Wyoming	686		670		16	
Undistributed funds ^b	1,034		916		117	

i = more than 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

^a All R&D is the cost of domestic R&D paid for by the respondent company and others outside of the company and performed by the respondent company.

^b 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):

Beginning in survey year 2018, companies that performed or funded less than \$50,000 of R&D were excluded from tabulation. These companies in aggregate represented a very small share of total R&D expenditures in prior years. Had the companies under this threshold been included in the 2018 estimates, they would have contributed approximately \$90 million to overall R&D expenditures. Excludes data for federally funded research and development centers.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2019.