

TABLE 13

Domestic R&D paid for by the company and others and performed by the company, by source of funds and state: 2016

(Millions of U.S. dollars)

State	Total	Paid for by the company		Paid for by others				
				Total	Federal	Nonfederal		
All states	374,685		317,731		56,954	23,772		33,182
Alabama	1,694		868		826	681		145
Alaska	34	e	27	e	7	4		3
Arizona	6,472		4,743		1,730	829		900
Arkansas	366		340		27	4		22
California	117,569		105,769		11,800	5,500		6,300
Colorado	4,355		3,542		813	549		265
Connecticut	7,987		6,101		1,886	i 1,544	i	342
Delaware	2,069		1,463		605	7		598
District of Columbia	328		230		98	76		21
Florida	6,273		4,441		1,832	i 1,209	i	623
Georgia	5,245		4,273		972	i 95	i	877
Hawaii	164		114	i	49	11		38
Idaho	1,590		1,398		192	7		185
Illinois	13,733		11,822		1,911	748		1,163
Indiana	5,949		4,988		961	108		853
Iowa	2,862		2,225		636	D		D
Kansas	2,204		1,469		735	i 32	i	703
Kentucky	1,070		752		317	265		53
Louisiana	274		228		45	i 17	i	28
Maine	290		261		29	21		8
Maryland	5,676		3,335		2,341	1,877		464
Massachusetts	21,560		18,084		3,476	633		2,843
Michigan	18,847		17,454		1,393	205		1,188
Minnesota	7,084		6,601		483	219		265
Mississippi	222		198		24	12		12
Missouri	5,958	i	3,466		2,492	i D		D
Montana	140		121		19	5	i	14
Nebraska	604		491		114	71		43
Nevada	574		412		162	21		141
New Hampshire	1,919		767		1,151	886		265
New Jersey	15,715		12,902		2,813	266		2,547
New Mexico	487		323		164	140		24
New York	15,714		13,454		2,260	1,049		1,211
North Carolina	10,064		7,226		2,838	i 194		2,644
North Dakota	254		237		17	2	i	15
Ohio	8,892		6,366		2,526	497	i	2,029
Oklahoma	692		642		50	i 9	e	41
Oregon	6,523		6,316		207	87		120
Pennsylvania	12,300		11,161		1,138	178		961
Rhode Island	875	i	822	i	53	36		17
South Carolina	1,301		1,146		155	63		92
South Dakota	151		135		16	i 5	i	11
Tennessee	1,610		1,383		226	37		189
Texas	17,353		14,913		2,440	698		1,742
Utah	3,453		2,876		577	408		169
Vermont	248		230		17	7		10
Virginia	3,773		2,240		1,532	1,202	i	330
Washington	19,673		19,001		671	183		488
West Virginia	182		157		25	19		6

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Wisconsin	4,972	4,387	585	71	514
Wyoming	172	164	8 i	2	5 i
Undistributed ^a	7,173	5,664	1,509	D	D

D = data withheld to avoid disclosing operations of individual companies; e = estimated; more than 50% of the estimate 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 on Form BRDI-1 that were not allocated to a specific state, as well as data reported on Form BRDI-1(S) by multiestablishment companies. For single-establishment companies, data reported on Form BRDI-1(S) 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. Statistics are representative of companies located in the United States that performed or funded R&D.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2016.