

TABLE 13

Domestic R&D paid for by the company and others and performed by the company, by source of funds and state: 2020

(Millions of U.S. dollars)

State	Total	Paid for by the company		Paid for by others			
				Total	Federal	Nonfederal	
All states	537,619		466,162		71,457	28,905	42,552
Alabama	2,937		1,329		1,609	1,497	112
Alaska	47	e	43	e	3	1	2
Arizona	7,110		4,899		2,211	1,457	754
Arkansas	414		360		54	16	38
California	193,063		175,459		17,604	8,580	9,024
Colorado	7,145		6,042		1,103	887	216
Connecticut	7,902		6,487		1,415	1,022	393
Delaware	2,499		1,688		811	7	804
District of Columbia	659		509		150	118	31
Florida	7,885		5,762		2,122	1,284	838
Georgia	5,389		4,426		963	149	814
Hawaii	279		216		62	25	37
Idaho	2,210	i	2,139	i	71	5	66
Illinois	14,097		13,415		683	101	582
Indiana	8,305	i	7,202	i	1,102	126	976
Iowa	3,455		2,664		791	204 - 792	0 - 588
Kansas	2,771		1,956		814	15	799
Kentucky	1,259		852		407	87	320
Louisiana	535		475		60	30	30
Maine	434		385		49	18	32
Maryland	5,923		3,964		1,959	1,366	593
Massachusetts	32,737		27,704		5,033	1,172	3,861
Michigan	21,589		18,507		3,081	269	2,812
Minnesota	7,824		7,421		403	175	229
Mississippi	278		244		34	9	25
Missouri	6,502		4,581		1,921	1,771	150
Montana	242		224		18	9	9
Nebraska	838		769		68	25	44
Nevada	931	i	707		224	29	195
New Hampshire	2,755		1,093		1,661	1,074 - 1,662	0 - 588
New Jersey	22,009		18,054		3,955	234	3,722
New Mexico	1,140		857		283	240	43
New York	23,414		21,062		2,353	1,026	1,326
North Carolina	13,369		9,242		4,127	118	4,010
North Dakota	342		331		12	1	10
Ohio	11,005		7,511		3,494	941	2,552
Oklahoma	1,012		945		67	39	28
Oregon	10,472		10,190		283	70	213
Pennsylvania	15,443		13,544		1,899	287	1,612
Rhode Island	700	i	581	i	119	104	15
South Carolina	1,567		1,337		230	97	133
South Dakota	216		209		7	1	6
Tennessee	1,820		1,568		251	69	183
Texas	26,084		22,834		3,250	1,265	1,985
Utah	3,285		2,981		304	61	243
Vermont	368		295		73	9	64
Virginia	7,235		5,072		2,163	1,734	429
Washington	41,615		40,576		1,038	265	773
West Virginia	229		203		25	17	8

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Wisconsin	6,430	5,506	924	87	837
Wyoming	1,047	1,035	11	2	9
Undistributed ^a	807	707	100	0 - 101	0 - 101

e = more than 50% of value is modeled—see "Technical Notes"; i = more than 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. Statistics are representative of companies located in the United States that performed or funded \$50,000 or more of R&D and are not comparable 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 Census Bureau, Business Enterprise Research and Development Survey, 2020.