

Table 5**Funds spent for business R&D performed in the United States, by state and source of funds: 2020**

(Millions of dollars)

State	All R&D ^a	Paid for by the company		Paid for by others	
United States	537,619	466,162		71,457	
Alabama	2,937	1,329		1,609	
Alaska	47	e	43	e	3
Arizona	7,110	4,899		2,211	
Arkansas	414	360		54	
California	193,063	175,459		17,604	
Colorado	7,145	6,042		1,103	
Connecticut	7,902	6,487		1,415	
Delaware	2,499	1,688		811	
District of Columbia	659	509		150	
Florida	7,885	5,762		2,122	
Georgia	5,389	4,426		963	
Hawaii	279	216		62	
Idaho	2,210	i	2,139	i	71
Illinois	14,097	13,415		683	
Indiana	8,305	i	7,202	i	1,102
Iowa	3,455	2,664		791	
Kansas	2,771	1,956		814	
Kentucky	1,259	852		407	
Louisiana	535	475		60	
Maine	434	385		49	
Maryland	5,923	3,964		1,959	
Massachusetts	32,737	27,704		5,033	
Michigan	21,589	18,507		3,081	
Minnesota	7,824	7,421		403	
Mississippi	278	244		34	
Missouri	6,502	4,581		1,921	
Montana	242	224		18	
Nebraska	838	769		68	
Nevada	931	i	707		224
New Hampshire	2,755	1,093		1,661	
New Jersey	22,009	18,054		3,955	
New Mexico	1,140	857		283	
New York	23,414	21,062		2,353	
North Carolina	13,369	9,242		4,127	
North Dakota	342	331		12	
Ohio	11,005	7,511		3,494	
Oklahoma	1,012	945		67	
Oregon	10,472	10,190		283	
Pennsylvania	15,443	13,544		1,899	
Rhode Island	700	i	581	i	119
South Carolina	1,567	1,337		230	
South Dakota	216	209		7	
Tennessee	1,820	1,568		251	
Texas	26,084	22,834		3,250	
Utah	3,285	2,981		304	
Vermont	368	295		73	
Virginia	7,235	5,072		2,163	
Washington	41,615	40,576		1,038	
West Virginia	229	203		25	

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State	All R&D ^a	Paid for by the company	Paid for by others
Wisconsin	6,430	5,506	924
Wyoming	1,047	1,035	11
Undistributed funds ^b	807	707	100

e = more than 50% the value of the state estimate uses a hybrid estimator modeling technique; see section "Survey Information and Data Availability" for more details. 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, 2020.