

TABLE 13

Domestic R&D paid for by the company and others and performed by the company, by source of funds and state: 2017

(Millions of U.S. dollars)

State	Total	Paid for by the company	Paid for by others		
			Total	Federal	Nonfederal
All states	400,100	339,036	61,065	24,277	36,787
Alabama	1,896	968	928	821	107
Alaska	912	905	7	3	4
Arizona	6,338	4,476	1,862	932	929
Arkansas	466	442	24	6	18
California	132,473	120,111	12,362	5,573	6,789
Colorado	4,703	3,828	875	645	230
Connecticut	8,694	6,423	2,272	1,835	437
Delaware	2,048	1,445	603	9	593
District of Columbia	406	279	127	111	16
Florida	6,463	4,496	1,966	1,300	667
Georgia	6,450	5,085	1,365	110	1,255
Hawaii	169	105	64	22	41
Idaho	1,747	1,527	220	5	215
Illinois	14,399	12,743	1,655	768	887
Indiana	6,283	5,394	889	115	774
Iowa	2,938	2,195	743	0 - 744	0 - 744
Kansas	2,212	1,486	726	7	719
Kentucky	983	758	225	156	69
Louisiana	297	243	53	22	31
Maine	292	257	35	22	12
Maryland	5,595	3,106	2,488	2,030	458
Massachusetts	23,655	18,912	4,743	641	4,102
Michigan	21,042	19,101	1,941	229	1,712
Minnesota	7,146	6,633	513	239	274
Mississippi	266	221	45	28	17
Missouri	5,299	3,433	1,866	989 - 1,867	0 - 877
Montana	133	114	18	6	12
Nebraska	592	470	122	68	53
Nevada	624	439	186	21	165
New Hampshire	1,361	754	607	386	221
New Jersey	16,405	13,228	3,177	408	2,768
New Mexico	802	298	503	298	205
New York	15,671	13,430	2,241	1,024	1,216
North Carolina	10,246	7,502	2,744	175	2,569
North Dakota	304	276	28	4	25
Ohio	9,769	6,697	3,071	576	2,495
Oklahoma	833	775	58	24	34
Oregon	7,691	7,426	265	58	207
Pennsylvania	10,986	9,576	1,410	173	1,237
Rhode Island	730	657	73	44	30
South Carolina	1,370	1,212	158	60	98
South Dakota	199	189	10	1	9
Tennessee	1,407	1,172	235	39	195
Texas	21,002	17,752	3,250	729	2,521
Utah	2,846	2,171	675	539	136
Vermont	253	241	11	4	7
Virginia	4,332	2,659	1,674	1,338	336
Washington	21,462	20,820	642	169	472
West Virginia	212	182	30	23	7

TABLE 13

Domestic R&D paid for by the company and others and performed by the company, by source of funds and state: 2017

(Millions of U.S. dollars)

State	Total	Paid for by the company	Paid for by others		
			Total	Federal	Nonfederal
Wisconsin	5,436	4,777	659	105	554
Wyoming	87	i 82	5	2	3
Undistributed ^a	2,181	1,561	620	0 - 621	0 - 621

e = estimated; > 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 on Form BRD-1 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 R&D. 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, 2017.