

TABLE 10. State government expenditures for energy-related R&D, by state: FYs 2009–15

(Dollars)

State	2009 ^a	2010	2011	2012	2013	2014	2015
United States ^b	NA	229,684,238	268,045,943	241,005,588	194,780,008	120,229,416	312,114,377
Alabama	NA	988,806	1,279,672	788,212	509,974	386,692	688,913
Alaska	NA	1,359,100	1,301,000	1,438,817	1,799,951	35,860	53,202
Arizona	NA	267,174	1,702,776	6,243,529	7,630,643	1,547,000	658,000
Arkansas	NA	1,736,657	3,156,213	2,913,191	3,620,296	4,800,000	5,243,216
California	NA	105,072,000	95,975,000	75,756,774	55,577,129	18,393,000	194,354,000
Colorado	NA	1,464,536	409,252	313,762	254,860	1,934,715	2,241,216
Connecticut	NA	358,778	553,640	571,414	588,724	1,714,724	1,944,337
Delaware	NA	0	0	0	0	0	10,000
District of Columbia	NA	0	0	0	0	0	75,000
Florida	NA	3,571,447	4,158,768	8,476,266	990,320	355,629	1,117,124
Georgia	NA	1,000,000	1,200,000	800,000	0	3,096,465	3,148,268
Hawaii	NA	5,825,028	6,020,023	4,024,303	5,674,072	4,300,000	1,500,000
Idaho	NA	0	0	0	0	401,783	274,051
Illinois	NA	190,000	0	21,110	225,000	5,885,366	4,333,344
Indiana	NA	0	0	0	383,432	657,307	354,693
Iowa	NA	0	26,590,826	5,207,302	6,340,014	1,117,561	710,522
Kansas	NA	0	0	0	0	0	0
Kentucky	NA	4,256,458	3,372,112	4,809,927	5,976,089	2,403,100	2,173,000
Louisiana	NA	0	0	0	0	0	0
Maine	NA	5,000	5,000	821,675	480,594	415,000	986,000
Maryland	NA	40,000	25,000	300,000	300,000	200,000	200,000
Massachusetts	NA	0	0	0	0	2,640,446	4,998,471
Michigan	NA	0	0	0	0	0	0
Minnesota	NA	1,243,965	249,201	1,702,500	122,084	327,995	897,117
Mississippi	NA	1,550,000	1,250,000	0	0	22,914	1,739
Missouri	NA	0	0	0	0	0	0
Montana	NA	835,942	405,260	187,163	1,200	332,678	0
Nebraska	NA	5,000	10,000	196,427	236,100	100,000	0
Nevada	NA	0	0	0	0	0	0
New Hampshire	NA	0	0	0	0	0	0
New Jersey	NA	500,000	0	437,685	0	0	0
New Mexico	NA	2,280,000	2,400,000	2,460,000	2,457,083	2,796,200	2,978,000
New York	NA	29,744,916	45,608,891	41,789,076	27,061,407	31,242,349	40,787,626
North Carolina	NA	100,000	105,000	0	0	1,322,052	1,652,847
North Dakota	NA	4,153,800	5,200,850	2,778,935	3,931,762	6,858,556	5,705,731
Ohio	NA	41,236,142	47,150,392	62,348,681	52,267,399	6,472,561	11,048,550
Oklahoma	NA	387,401	149,201	330,000	323,800	1,246,000	1,625,000
Oregon	NA	175,000	50,000	0	0	7,099,464	7,467,172
Pennsylvania	NA	0	0	2,070,343	1,699,984	2,580,520	2,156,564
Rhode Island	NA	0	0	0	0	2,000	1,200
South Carolina	NA	863,890	871,078	484,124	251,410	56,129	163,885
South Dakota	NA	0	0	0	0	3,779	26,862
Tennessee	NA	0	35,764	6,553	0	0	0
Texas	NA	0	0	374,013	447,132	0	0
Utah	NA	7,375,546	7,209,348	4,125,214	4,558,744	2,076,936	4,835,743
Vermont	NA	300,000	300,000	167,769	179,391	223,802	239,382
Virginia	NA	10,301,835	8,564,304	8,321,652	10,400,000	5,789,258	6,263,600
Washington	NA	0	0	0	0	148,000	0
West Virginia	NA	2,495,817	2,737,372	102,719	159,332	857,387	820,450

TABLE 10. State government expenditures for energy-related R&D, by state: FYs 2009–15

(Dollars)

State	2009 ^a	2010	2011	2012	2013	2014	2015
Wisconsin	NA	0	0	250,000	150,000	30,000	30,000
Wyoming	NA	0	0	386,452	182,082	356,188	349,552
Puerto Rico ^c	NA	100,000	100,000	106,470	220,000	422,494	400,000

NA = not available; not collected as a separate R&D function for FY 2009.

^a Energy category was introduced with the FY 2010 and FY 2011 Survey of State Government Research and Development. Previously, energy-related R&D was reported primarily in Other and Environment and natural resources categories.

^b U.S. total reflects all 50 states and the District of Columbia.

^c Puerto Rico is not included in U.S. total due to its classification as a U.S. territory.

NOTES: State R&D expenditures by function were surveyed beginning with the FY 2009 survey. State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of State Government Research and Development.