

TABLE 11. State government expenditures for environment and natural resources-related R&amp;D, by state: FYs 2009–15

(Dollars)

State	2009 <sup>a</sup>	2010	2011	2012	2013	2014	2015
United States <sup>b</sup>	329,852,718	358,503,823	382,376,738	359,578,082	382,245,106	366,678,067	413,229,629
Alabama	7,694,078	8,922,103	13,521,133	12,879,773	9,984,291	4,106,869	5,718,986
Alaska	6,449,300	5,833,600	6,767,900	3,702,011	3,662,664	9,001,900	8,987,200
Arizona	6,356,155	6,023,906	5,743,162	5,327,071	6,689,903	6,184,876	7,012,194
Arkansas	345,832	658,590	680,971	707,557	942,106	0	303,087
California	48,172,325	30,914,302	43,443,294	26,096,846	30,615,059	28,842,415	30,382,163
Colorado	8,317,796	7,142,396	7,185,567	6,957,024	6,576,449	8,449,733	8,630,632
Connecticut	5,814,050	13,081,012	12,517,073	12,661,538	13,780,616	10,592,603	10,303,327
Delaware	1,433,562	2,139,720	2,359,902	2,231,693	2,754,545	1,988,655	2,048,014
District of Columbia	0	0	0	0	0	1,740,000	2,000,000
Florida	17,934,886	50,262,488	47,437,237	48,709,314	47,462,678	51,191,986	57,934,383
Georgia	0	0	0	2,607,843	3,999,505	2,584,180	3,062,308
Hawaii	4,497,068	5,229,835	5,607,794	4,533,302	4,484,602	6,929,035	7,849,438
Idaho	5,881,390	6,123,012	6,064,901	8,072,165	8,059,032	7,827,527	8,164,676
Illinois	56,800	0	0	0	0	0	0
Indiana	1,821,645	1,700,000	1,700,000	15,000	2,500	37,694	124,964
Iowa	0	7,074,696	3,640,397	3,278,552	3,517,000	4,135,147	4,279,253
Kansas	365,000	365,000	465,000	0	0	166,000	258,099
Kentucky	2,874,829	2,005,156	2,137,523	5,902,607	6,074,737	2,888,300	2,768,100
Louisiana	1,567,596	2,522,697	8,005,483	10,305,857	8,174,868	7,750,826	21,166,032
Maine	1,969,352	2,527,524	3,728,729	1,615,411	1,434,954	2,127,448	3,129,609
Maryland	6,853,050	390,000	616,000	963,777	947,472	1,191,164	3,070,807
Massachusetts	1,082,161	1,116,916	842,629	928,129	1,031,320	11,503,702	12,416,317
Michigan	2,320,826	4,792,530	4,595,080	3,164,059	4,582,027	3,561,675	4,025,524
Minnesota	1,566,712	1,813,748	794,167	673,544	1,662,951	2,678,015	3,562,237
Mississippi	2,105,823	3,634,374	3,295,081	1,458,268	1,562,376	917,631	566,320
Missouri	10,133,435	9,482,088	8,530,764	9,502,232	9,297,498	3,718,467	4,861,387
Montana	1,871,061	2,185,884	2,343,724	2,920,932	2,479,271	3,247,491	3,688,918
Nebraska	2,048,838	2,214,924	1,902,385	1,818,917	2,040,414	219,783	529,071
Nevada	0	32,942	47,582	46,905	45,408	170,494	192,802
New Hampshire	155,000	100,000	111,000	0	0	262,850	331,476
New Jersey	2,974,000	4,305,318	1,988,395	2,837,940	3,192,669	3,162,639	2,721,846
New Mexico	1,750,000	1,900,000	2,000,000	2,362,918	2,502,068	3,334,100	3,348,379
New York	36,911,399	29,002,576	19,416,212	25,121,628	23,232,954	23,806,153	21,640,818
North Carolina	20,919,615	5,076,664	6,817,285	3,011,692	3,136,983	2,864,841	2,901,909
North Dakota	587,710	22,500	15,000	0	0	825,000	825,000
Ohio	6,306,109	38,137,758	38,596,214	15,477,600	38,073,964	36,843,569	42,606,559
Oklahoma	2,552,285	1,631,015	2,505,761	2,248,062	4,765,208	5,921,730	5,465,000
Oregon	8,279,562	14,867,136	16,924,664	19,780,040	20,153,209	17,070,483	18,412,322
Pennsylvania	9,395,553	7,891,207	7,749,253	8,058,329	9,069,833	8,792,509	9,129,370
Rhode Island	446,347	401,045	590,282	927,489	1,059,308	861,501	869,042
South Carolina	25,183,342	34,711,576	45,163,028	46,038,125	36,316,203	17,608,196	23,516,239
South Dakota	2,311,292	1,638,739	1,628,888	1,894,989	1,774,517	45,000	20,000
Tennessee	0	0	320,000	856,000	866,500	583,092	571,871
Texas	24,750,247	6,351,022	4,805,152	5,492,140	6,428,787	13,206,103	14,491,269
Utah	6,149,899	6,329,203	7,943,186	17,978,580	18,312,681	17,125,000	18,245,765
Vermont	0	75,000	75,000	115,469	102,379	252,928	90,683
Virginia	4,005,964	3,947,713	3,829,525	4,874,529	5,709,773	9,034,190	9,600,341
Washington	6,993,436	10,782,537	11,087,560	10,712,941	10,953,130	9,118,095	9,698,425
West Virginia	1,804,769	1,818,077	1,873,514	1,501,719	1,611,130	290,580	313,483

TABLE 11. State government expenditures for environment and natural resources-related R&D, by state: FYs 2009–15  
(Dollars)

State	2009 <sup>a</sup>	2010	2011	2012	2013	2014	2015
Wisconsin	15,201,270	6,717,528	10,197,725	9,081,222	8,894,211	7,183,900	7,569,100
Wyoming	3,641,349	4,607,766	4,765,616	4,126,343	4,225,353	4,731,992	3,824,884
Puerto Rico <sup>c</sup>	136,021	100,000	100,000	201,685	244,845	205,623	150,000

<sup>a</sup> 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.

<sup>b</sup> U.S. total reflects all 50 states and the District of Columbia.

<sup>c</sup> 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.