

TABLE 13. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2011  
(Dollars)

Department or agency	Total	Federal government	State and all others <sup>a</sup>
United States <sup>b</sup>	1,403,816,235	403,299,698	1,000,516,537
Alabama	19,684,063	12,632,066	7,051,997
Conservation and Natural Resources, Department of	2,448,043	1,970,178	477,865
Forensic Science, Department of	475,402	314,252	161,150
Geological Survey	3,355,833	1,566,762	1,789,071
Marine Environmental Sciences Consortium	8,996,929	5,073,778	3,923,151
Transportation, Department of	4,407,856	3,707,096	700,760
Alaska	11,349,400	4,548,900	6,800,500
Fish and Game, Department of	2,697,600	490,000	2,207,600
Geological and Geophysical Surveys, Division of	6,084,800	2,004,900	4,079,900
Transportation and Public Facilities, Department of	2,567,000	2,054,000	513,000
Arizona	18,626,577	8,138,077	10,488,500
Agriculture, Department of	819,771	590,382	229,389
Game and Fish Department	4,643,079	3,768,025	875,054
Geological Survey	2,794,127	2,258,043	536,084
Health Services, Department of	8,330,000	0	8,330,000
Transportation, Department of	2,039,600	1,521,627	517,973
Arkansas	14,705,327	4,465,149	10,240,178
Beef Council	74,085	0	74,085
Catfish Promotion Board	43,648	0	43,648
Corn and Grain Sorghum Promotion Board	605,600	0	605,600
Game and Fish Commission	680,971	219,533	461,438
Highway and Transportation Department	927,990	660,534	267,456
Rice Research and Promotion Board	2,870,000	0	2,870,000
Science and Technology Authority	6,729,033	3,585,082	3,143,951
Soybean Promotion Board	2,611,000	0	2,611,000
Wheat Promotion Board	163,000	0	163,000
California	149,810,643	18,776,564	131,034,079
Energy Commission	95,975,000	1,725,000	94,250,000
Food and Agriculture, Department of	1,528,667	262,964	1,265,703
Transportation, Department of	37,445,000	16,784,000	20,661,000
Water Resources, Department of	14,861,976	4,600	14,857,376
Colorado	18,141,931	5,930,771	12,211,160
Economic Development, Office of	5,479,605	0	5,479,605
Natural Resources, Department of	7,654,500	2,464,946	5,189,554
Public Health and Environment, Department of	1,873,822	1,459,114	414,708
Public Safety, Department of	890,000	140,000	750,000
Transportation, Department of	2,244,004	1,866,711	377,293
Connecticut	39,192,091	11,158,166	28,033,925
Agricultural Experiment Station	10,631,320	3,418,677	7,212,643
Environmental Protection, Department of	8,101,784	3,459,553	4,642,231
Mental Health and Addiction Services, Department of	4,363,990	1,537,463	2,826,527
Public Health, Department of	11,894,644	5,000	11,889,644
Transportation, Department of	4,200,353	2,737,473	1,462,880
Delaware	2,609,902	847,732	1,762,170
Geological Survey	1,663,179	219,709	1,443,470
Natural Resources and Environmental Control, Department of	696,723	503,023	193,700
Transportation, Department of	250,000	125,000	125,000
District of Columbia	1,221,108	1,168,232	52,876
Health, Department of	956,728	956,728	0
Transportation, Department of	264,380	211,504	52,876

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Florida	150,764,438	26,588,661	124,175,777
Agriculture and Consumer Services, Department of	11,707,343	2,655,569	9,051,774
Citrus, Department of	9,445,480	0	9,445,480
Environmental Protection, Department of	2,787,307	276,268	2,511,039
Fish and Wildlife Conservation Commission	44,649,930	14,956,975	29,692,955
Health, Department of	64,723,630	0	64,723,630
Space	5,239,510	0	5,239,510
Transportation, Department of	12,211,238	8,699,849	3,511,389
Georgia	11,690,663	6,919,140	4,771,523
Herty Advanced Materials Development Center	3,600,000	0	3,600,000
Transportation, Department of	8,090,663	6,919,140	1,171,523
Hawaii	13,103,983	10,343,631	2,760,352
Agriculture, Department of	564,799	82,226	482,573
Business, Economic Development and Tourism, Department of	6,020,023	6,020,023	0
Land and Natural Resources, Department of	5,957,794	4,147,219	1,810,575
Transportation, Department of	561,367	94,163	467,204
Idaho	9,366,052	4,925,050	4,441,002
Barley Commission	94,342	0	94,342
Bean Commission	93,882	93,882	0
Environmental Quality, Department of	25,587	25,587	0
Fish and Game, Department of	4,210,814	3,175,425	1,035,389
Potato Commission	935,000	150,000	785,000
Transportation, Department of	1,580,312	1,385,456	194,856
Water Resources, Department of	1,828,500	94,700	1,733,800
Wheat Commission	597,615	0	597,615
Illinois	17,207,125	7,033,966	10,173,159
Children and Family Services, Department of	6,681,163	924,669	5,756,494
Public Health, Department of	680,013	0	680,013
State Police	558,641	2,520	556,121
Transportation, Department of	9,287,308	6,106,777	3,180,531
Indiana	6,983,364	5,428,287	1,555,077
Criminal Justice Institute	450,000	450,000	0
Economic Development Corporation	833,364	678,287	155,077
Natural Resources, Department of	1,700,000	1,500,000	200,000
Transportation, Department of	4,000,000	2,800,000	1,200,000
Iowa	36,992,222	3,391,265	33,600,957
College Student Aid Commission	92,753	92,753	0
Criminal and Juvenile Justice Programs, Division of	20,246	8,393	11,853
Economic Development Authority, Energy Office	26,590,826	0	26,590,826
Natural Resources, Department of	3,640,397	1,092,119	2,548,278
Transportation, Department of	6,050,000	2,100,000	3,950,000
Workforce Development	598,000	98,000	500,000
Kansas	6,635,626	3,675,258	2,960,368
Transportation, Department of	5,002,773	3,525,258	1,477,515
Wheat Commission	1,167,853	0	1,167,853
Wildlife, Parks, and Tourism, Department of	465,000	150,000	315,000
Kentucky	20,498,849	5,873,846	14,625,003
Agricultural Policy, Governor's Office of	45,130	0	45,130
Budget and Fiscal Management, Office of	4,425,113	4,135,113	290,000
Commercialization and Innovation, Department of	8,409,917	0	8,409,917
Early Childhood Development, Division of	541,000	250,000	291,000
Energy Policy, Governor's Office for	2,729,900	0	2,729,900
Environmental Education Council	37,666	37,666	0

TABLE 13. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2011  
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Fish and Wildlife Resources, Department of	2,111,023	1,440,942	670,081
Nature Preserves Commission	26,500	10,125	16,375
Public Health, Department of	2,172,600	0	2,172,600
Louisiana	9,203,635	4,936,833	4,266,802
Transportation and Development, Department of	6,396,052	3,779,256	2,616,796
Wildlife and Fisheries, Department of	2,807,583	1,157,577	1,650,006
Maine	9,918,765	2,439,296	7,479,469
Agriculture, Department of	72,750	72,750	0
Conservation, Department of	380,000	120,000	260,000
Drug Enforcement Agency	75,000	0	75,000
Environmental Protection, Department of	225,000	0	225,000
Marine Resources, Department of	2,127,121	1,841,857	285,264
State Fire Marshal's Office	3,000	0	3,000
Technology Institute	6,530,034	0	6,530,034
Transportation, Department of	505,860	404,689	101,171
Maryland	20,084,540	1,551,214	18,533,326
Business and Economic Development, Department of	1,300,000	0	1,300,000
Health and Mental Hygiene, Department of	2,400,000	0	2,400,000
Natural Resources, Department of	268,700	0	268,700
Technology Development Corporation	11,211,823	0	11,211,823
Transportation, Department of	4,904,017	1,551,214	3,352,803
Massachusetts	4,878,927	1,209,020	3,669,907
Capital Asset Management, Division of	0	0	0
Early Education and Care, Department of	486,173	386,178	99,995
Environmental Protection, Department of	259,147	47,033	212,114
Fish and Game, Department of	583,482	199,000	384,482
Mental Health, Department of	1,882,744	0	1,882,744
Public Health, Department of	163,121	0	163,121
Transportation Planning, Office of	1,504,260	576,809	927,451
Michigan	9,802,873	7,110,347	2,692,526
Agriculture, Department of	82,793	0	82,793
Natural Resources, Department of	4,595,080	2,710,347	1,884,733
Transportation, Department of	5,125,000	4,400,000	725,000
Minnesota	11,653,327	3,782,840	7,870,487
Agriculture, Department of	1,774,976	592,000	1,182,976
Forest Resources Council	114,592	0	114,592
Pollution Control Agency	134,502	0	134,502
Transportation, Department of	9,629,257	3,190,840	6,438,417
Mississippi	7,420,851	5,454,392	1,966,459
Innovative Geospatial Solutions, Enterprise for	2,686,000	1,855,000	831,000
Transportation, Department of	2,389,770	1,840,581	549,189
Wildlife, Fisheries, and Parks, Department of	2,345,081	1,758,811	586,270
Missouri	13,658,961	4,103,709	9,555,252
Agriculture, Department of	32,308	0	32,308
Conservation, Department of	8,216,486	5,195	8,211,291
Natural Resources, Department of	367,085	203,659	163,426
Transportation, Department of	5,043,082	3,894,855	1,148,227
Montana	6,474,190	2,868,954	3,605,236
Agriculture, Department of	1,653,768	169,624	1,484,144
Commerce, Department of	1,376,063	0	1,376,063
Environmental Quality, Department of	283,206	170,427	112,779
Fish, Wildlife, and Parks	1,857,865	1,396,362	461,503

TABLE 13. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2011  
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Department or agency	Total	Federal government	State and all others <sup>a</sup>
Natural Resources and Conservation, Department of	30,000	30,000	0
Transportation, Department of	1,273,288	1,102,541	170,747
Nebraska	4,061,651	1,071,515	2,990,136
Agriculture, Department of	342,385	229,088	113,297
Corn Board	267,123	0	267,123
Dry Bean Commission	141,220	0	141,220
Grain Sorghum Board	13,444	0	13,444
Natural Resources, Department of	1,770,243	0	1,770,243
Roads, Department of	1,123,236	842,427	280,809
Wheat Board	404,000	0	404,000
Nevada	1,868,869	659,868	1,209,001
Transportation, Department of	1,393,048	303,003	1,090,045
Wildlife, Department of	475,821	356,865	118,956
New Hampshire	1,921,421	1,081,852	839,569
Agriculture, Markets, and Food, Department of	40,969	2,860	38,109
Resources and Economic Development, Department of	684,000	111,000	573,000
Transportation, Department of	1,196,452	967,992	228,460
New Jersey	17,068,781	4,387,432	12,681,349
Brain Injury Research, Commission on	3,260,413	0	3,260,413
Cancer Research, Commission on	350,000	0	350,000
Environmental Protection, Department of	1,988,395	232,000	1,756,395
Research and Treatment of Autism, Council for	3,385,611	0	3,385,611
Spinal Cord Research, Commission on	2,541,718	0	2,541,718
Transportation, Department of	5,542,644	4,155,432	1,387,212
New Mexico	1,821,583	1,443,195	378,388
Transportation, Department of	1,821,583	1,443,195	378,388
New York	182,736,305	49,909,092	132,827,213
Agriculture and Markets, Department of	3,554,089	3,281,652	272,437
Energy Research and Development Authority	48,057,371	0	48,057,371
Environmental Conservation, Department of	2,939,284	2,239,696	699,588
Foundation for Science, Technology and Innovation	68,000,000	15,000,000	53,000,000
Health, Department of	55,192,779	25,393,518	29,799,261
Transportation, Department of	4,992,782	3,994,226	998,556
North Carolina	29,611,785	11,187,114	18,424,671
Agriculture and Consumer Services, Department of	12,773,500	0	12,773,500
Environment and Natural Resources, Department of	5,267,285	1,164,114	4,103,171
Transportation, Department of	11,571,000	10,023,000	1,548,000
North Dakota	8,072,257	557,822	7,514,435
Agriculture, Department of	75,710	0	75,710
Lignite Research Council	2,790,750	0	2,790,750
Mineral Resources, Department of	73,500	0	73,500
Oil and Gas Research Program	1,378,125	0	1,378,125
Renewable Energy Research Program	1,236,475	0	1,236,475
Soybean Council	808,649	0	808,649
Transportation, Department of	578,559	557,822	20,737
Wheat Commission	1,130,489	0	1,130,489
Ohio	159,322,228	4,455,517	154,866,711
Air Quality Development Authority	2,034,728	0	2,034,728
Development, Department of	150,072,744	0	150,072,744
Mental Health, Department of	721,000	300,000	421,000
Natural Resources, Department of	3,711,878	2,105,371	1,606,507
Transportation, Department of	2,781,878	2,050,146	731,732

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Department or agency	Total	Federal government	State and all others <sup>a</sup>
Oklahoma	20,304,740	6,138,385	14,166,355
Center for the Advancement of Science and Technology	13,052,997	0	13,052,997
Health, Department of	9,850	0	9,850
Sorghum Commission	22,500	0	22,500
Transportation, Department of	4,437,947	4,437,947	0
Wheat Commission	514,195	0	514,195
Wildlife Conservation, Department of	2,267,251	1,700,438	566,813
Oregon	20,001,272	14,753,575	5,247,697
Agriculture, Department of	582,446	0	582,446
Fish and Wildlife, Department of	11,326,000	10,758,000	568,000
Forestry, Department of	478,413	95,319	383,094
Geology and Mineral Industries, Department of	4,979,303	2,187,243	2,792,060
Transportation, Department of	2,494,162	1,713,013	781,149
Watershed Enhancement Board	140,948	0	140,948
Pennsylvania	71,098,139	6,652,868	64,445,271
Agriculture, Department of	640,671	0	640,671
Community and Economic Development, Department of	4,700,000	0	4,700,000
Conservation and Natural Resources, Department of	2,212,545	143,662	2,068,883
Environmental Protection, Department of	1,059,451	626,428	433,023
Fish and Boat Commission	781,643	564,548	217,095
Game Commission	3,695,614	1,940,357	1,755,257
Health, Department of	54,088,921	0	54,088,921
Transportation, Department of	3,919,294	3,377,873	541,421
Rhode Island	1,947,727	515,480	1,432,247
Economic Development Corporation	1,303,377	0	1,303,377
Transportation, Department of	644,350	515,480	128,870
South Carolina	47,795,394	36,355,976	11,439,418
Health and Environmental Control, Department of	721,804	721,804	0
Mental Health, Department of	122,334	0	122,334
Natural Resources, Department of	42,392,567	31,913,254	10,479,313
Public Service Authority	115,338	0	115,338
Sea Grant Consortium	2,862,766	2,378,572	484,194
Transportation, Department of	1,580,585	1,342,346	238,239
South Dakota	3,629,155	2,882,410	746,745
Game, Fish and Parks, Department of	1,628,888	1,282,196	346,692
Transportation, Department of	2,000,267	1,600,214	400,053
Tennessee	3,606,726	2,949,381	657,345
Environment and Conservation, Department of	320,000	320,000	0
Transportation, Department of	3,286,726	2,629,381	657,345
Texas	47,372,367	21,488,561	25,883,806
Agriculture, Department of	1,853,946	605,305	1,248,641
Cancer Prevention and Research Institute	15,715,498	0	15,715,498
Environmental Quality, Commission on	1,599,224	0	1,599,224
Health and Human Services Commission	123,000	74,000	49,000
Parks and Wildlife, Department of	1,819,498	1,487,897	331,601
Transportation, Department of	23,851,121	19,321,359	4,529,762
Water Development Board	2,410,080	0	2,410,080
Utah	34,418,764	20,687,819	13,730,945
Health, Department of	261,727	261,727	0
Natural Resources, Department of	8,000,000	4,000,000	4,000,000
Science Technology and Research, Governor's Office of Economic Development	23,557,037	15,026,092	8,530,945
Transportation, Department of	2,600,000	1,400,000	1,200,000

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Vermont	1,711,673	1,184,957	526,716
Agriculture, Agency of	1,027,700	577,700	450,000
Human Services, Agency of	190,117	190,117	0
Transportation, Agency of	493,856	417,140	76,716
Virginia	17,241,804	9,735,857	7,505,947
Agriculture and Consumer Services, Department of	2,169,935	196,215	1,973,720
Consolidated Lab Services, Division of	784,808	684,808	100,000
Corrections, Department of	919,542	0	919,542
Forensic Science, Department of	160,439	4,439	156,000
Health, Department of	27,900	27,900	0
Innovative Technology, Center for	1,010,000	1,010,000	0
Marine Resources Commission	3,130,629	2,000,000	1,130,629
Natural History, Museum of	569,120	18,629	550,491
Transportation, Department of	8,469,431	5,793,866	2,675,565
Washington	24,500,489	7,320,769	17,179,720
Agriculture, Department of	190,841	0	190,841
Fish and Wildlife, Department of	7,190,560	3,273,560	3,917,000
Grain Commission	3,573,613	0	3,573,613
Natural Resources, Department of	4,032,000	722,245	3,309,755
Potato Commission	842,198	0	842,198
Red Raspberry Commission	225,447	225,447	0
Transportation, Department of	5,095,830	3,099,517	1,996,313
Tree Fruit Research Commission	3,215,000	0	3,215,000
Wine Commission	135,000	0	135,000
West Virginia	35,475,338	6,157,841	29,317,497
Agriculture, Department of	151,428	151,428	0
Environmental Protection, Department of	885,794	163,659	722,135
Geological and Economic Survey	3,274,416	719,602	2,554,814
Higher Education Policy Commission	24,577,042	4,128,786	20,448,256
Highways, Department of	5,583,425	297,532	5,285,893
Justice and Community Services, Division of	15,513	7,842	7,671
Natural Resources, Division of	987,720	688,992	298,728
Wisconsin	21,128,936	15,611,863	5,517,073
Agriculture, Trade, and Consumer Protection, Department of	536,004	243,280	292,724
Economic Development Corporation	7,979,595	6,206,000	1,773,595
Natural Resources, Department of	8,497,725	5,505,704	2,992,021
Transportation, Department of	4,115,612	3,656,879	458,733
Wyoming	5,419,398	809,183	4,610,215
Agriculture, Department of	147,226	0	147,226
Environmental Quality, Department of	150,000	0	150,000
Game and Fish, Department of	1,775,184	490,667	1,284,517
Geological Survey	2,540,432	255,028	2,285,404
Transportation, Department of	506,556	63,488	443,068
Water Development Office	300,000	0	300,000
Puerto Rico <sup>c</sup>	537,869	0	537,869
Education Council	537,869	0	537,869

<sup>a</sup> State and all others include nonprofit organizations, other state governments, and city, county, regional, township, or other local governments.

<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.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, FY 2010 and FY 2011 Survey of State Government R&D.