

TABLE 10. State agency expenditures for R&D for all performers, by department, state, and source of funds: FY 2009
(Dollars)

Department or agency	All R&D expenditures	Source of funds	
		Federal government	State and other ^a
United States	1,210,113,524	298,111,382	912,002,142
Alabama	12,929,167	8,118,750	4,810,417
Conservation and Natural Resources, Department of	3,286,899	1,168,274	2,118,625
Forensic Science, Department of	301,434	245,471	55,963
Geological Survey	2,287,062	1,199,626	1,087,436
Marine Environmental Sciences Consortium	3,568,454	3,059,342	509,112
Transportation, Department of	3,485,318	2,446,037	1,039,281
Alaska	7,741,467	2,956,434	4,785,033
Fish and Game, Department of	1,807,000	451,000	1,356,000
Natural Resources, Department of	4,657,300	1,483,700	3,173,600
Transportation and Public Facilities, Department of	1,277,167	1,021,734	255,433
Arizona	21,483,423	6,610,846	14,872,577
Agriculture, Department of	220,751	87,536	133,215
Biomedical Research Commission	11,748,000	0	11,748,000
Environmental Quality, Department of	349,330	308,000	41,330
Game and Fish Department	4,988,520	3,237,429	1,751,091
Geological Survey	827,122	452,231	374,891
Health Services, Department of	27,750	27,750	0
Juvenile Corrections, Department of	19,838	0	19,838
Schools for the Deaf and Blind	2,312	0	2,312
Transportation, Department of	3,299,800	2,497,900	801,900
Arkansas	11,765,900	3,578,975	8,186,925
Beef Council	107,743	0	107,743
Catfish Promotion Board	44,482	0	44,482
Corn and Grain Sorghum Promotion Board	515,125	0	515,125
Forestry Commission	300,686	0	300,686
Game and Fish Commission	345,832	197,258	148,574
Highway and Transportation Department	881,000	692,000	189,000
Rice Research and Promotion Board	2,600,000	0	2,600,000
Science and Technology Authority	4,833,430	2,689,717	2,143,713
Soybean Promotion Board	1,800,000	0	1,800,000
Wheat Promotion Board	337,602	0	337,602
California	146,793,247	19,033,606	127,759,641
Energy Commission	88,700,000	2,000,000	86,700,000
Food and Agriculture, Department of	7,587,842	2,198,606	5,389,236
Transportation, Department of	40,057,000	14,578,000	25,479,000
Water Resources, Department of	10,448,405	257,000	10,191,405
Colorado	14,849,581	4,612,094	10,237,487
Economic Development, Office of	2,475,000	0	2,475,000
Natural Resources, Department of	8,134,132	1,197,541	6,936,591
Public Health and Environment, Department of	1,754,968	1,754,968	0
Public Safety, Department of	661,000	200,000	461,000
Transportation, Department of	1,824,481	1,459,585	364,896
Connecticut	27,088,088	6,759,922	20,328,166
Agricultural Experiment Station	8,556,478	3,147,255	5,409,223
Agriculture, Department of	140,714	140,714	0
Children and Families, Department of	288,151	111,680	176,471
Environmental Protection, Department of	1,456,308	348,619	1,107,689
Mental Health and Addiction Services, Department of	3,304,437	198,000	3,106,437
Public Health, Department of	9,300,858	35,000	9,265,858
Transportation, Department of	4,041,142	2,778,654	1,262,488

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Delaware	2,066,752	566,184	1,500,568
Agriculture, Department of	83,190	0	83,190
Economic Development Office	300,000	0	300,000
Geological Survey	823,128	0	823,128
Natural Resources and Environmental Control, Department of	610,434	441,184	169,250
Transportation, Department of	250,000	125,000	125,000
District of Columbia	487,411	487,411	0
Health, Department of	487,411	487,411	0
Florida	66,513,756	13,605,050	52,908,706
Agriculture and Consumer Services, Department of	9,346,686	777,531	8,569,155
Citrus, Department of	12,171,000	152,372	12,018,628
Environmental Protection, Department of	8,237,640	1,748,859	6,488,781
Fish and Wildlife Conservation Commission	8,290,000	2,390,000	5,900,000
Health, Department of	18,180,877	0	18,180,877
Space Florida	457,500	0	457,500
Transportation, Department of	9,830,053	8,536,288	1,293,765
Georgia	6,662,887	2,918,071	3,744,816
Herty Advanced Materials Development Center	3,500,000	0	3,500,000
Transportation, Department of	3,162,887	2,918,071	244,816
Hawaii	13,976,364	10,716,399	3,259,965
Agriculture, Department of	32,000	32,000	0
Business Economic Development, Department of	7,196,722	7,196,722	0
Land and Natural Resources, Department of	4,698,462	2,248,706	2,449,756
Transportation, Department of	2,049,180	1,238,971	810,209
Idaho	6,052,058	1,486,193	4,565,865
Agriculture, Department of	56,200	0	56,200
Barley Commission	109,594	0	109,594
Bean Commission	59,462	0	59,462
Environmental Quality, Department of	91,190	44,454	46,736
Fish and Game, Department of	587,000	122,600	464,400
Potato Commission	643,000	0	643,000
Transportation, Department of	1,318,377	1,173,639	144,738
Water Resources, Department of	2,703,200	145,500	2,557,700
Wheat Commission	484,035	0	484,035
Illinois	19,656,490	9,253,274	10,403,216
Commerce and Economic Opportunity, Department of	94,436	0	94,436
Natural Resources, Department of	10,085,597	5,838,423	4,247,174
Public Health, Department of	4,107,400	0	4,107,400
Transportation, Department of	5,369,057	3,414,851	1,954,206
Indiana	47,549,928	4,681,045	42,868,883
Criminal Justice Institute	205,000	205,000	0
Economic Development Corporation	41,523,283	0	41,523,283
Natural Resources, Department of	1,821,645	776,045	1,045,600
Transportation, Department of	4,000,000	3,700,000	300,000
Iowa	11,284,860	1,949,200	9,335,660
Energy Independence, Office of	3,894,451	0	3,894,451
Lottery, Department of	175,059	0	175,059
Revenue, Department of	751,650	0	751,650
Transportation, Department of	6,463,700	1,949,200	4,514,500
Kansas	12,305,385	5,619,610	6,685,775
Technology Enterprise Corporation	4,184,830	0	4,184,830
Transportation, Department of	6,970,598	5,469,610	1,500,988

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Department or agency	All R&D expenditures	Source of funds	
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Wheat Commission	784,957	0	784,957
Wildlife and Parks, Department of	365,000	150,000	215,000
Kentucky	13,938,692	4,755,755	9,182,937
Energy Policy, Governor's Office for	3,637,000	0	3,637,000
Environmental Education Council	47,117	0	47,117
Fish and Wildlife Resources, Department of	2,690,029	1,642,605	1,047,424
Highways, Department of	4,228,240	3,082,592	1,145,648
Natural Resources, Department of	558	558	0
Nature Preserves Commission	184,800	30,000	154,800
Public Health, Department of	3,150,948	0	3,150,948
Louisiana	8,426,835	4,678,601	3,748,234
Environmental Quality, Department of	141,357	138,665	2,692
Transportation and Development, Department of	6,717,882	3,681,528	3,036,354
Wildlife and Fisheries, Department of	1,567,596	858,408	709,188
Maine	6,400,019	1,304,294	5,095,725
Conservation, Department of	408,100	147,600	260,500
Drug Enforcement Agency	8,685	8,685	0
Environmental Protection, Department of	550,000	0	550,000
Fire Marshal's Office	3,963	0	3,963
Marine Resources, Department of	734,693	700,656	34,037
Technology Institute	4,131,199	0	4,131,199
Transportation, Department of	563,379	447,353	116,026
Maryland	21,093,331	4,234,200	16,859,131
Business and Economic Development, Department of	1,305,523	0	1,305,523
Health and Mental Hygiene, Department of	8,701,328	0	8,701,328
Natural Resources, Department of	6,220,000	2,790,000	3,430,000
Technology Development Corporation	2,137,500	50,000	2,087,500
Transportation, Department of	2,728,980	1,394,200	1,334,780
Massachusetts	4,358,097	996,924	3,361,173
Conservation and Recreation, Department of	240,091	128,177	111,914
Environmental Protection, Department of	421,661	64,847	356,814
Fish and Game, Department of	660,500	315,000	345,500
Mental Health, Department of	2,208,037	0	2,208,037
Technology Collaborative	198,808	0	198,808
Transportation Planning, Office of	629,000	488,900	140,100
Michigan	14,950,709	10,630,836	4,319,873
Agriculture, Department of	206,282	40,000	166,282
Natural Resources, Department of	8,642,826	5,590,836	3,051,990
Transportation, Department of	6,101,601	5,000,000	1,101,601
Minnesota	16,655,913	4,864,789	11,791,124
Agriculture, Department of	1,918,097	709,627	1,208,470
Forest Resources Council	130,342	0	130,342
Pollution Control Agency	698,826	0	698,826
Transportation, Department of	13,908,648	4,155,162	9,753,486
Mississippi	9,731,915	7,859,485	1,872,430
Innovative Geospatial Solutions, Enterprise for	5,075,000	3,900,000	1,175,000
Technology Alliance	1,032,962	1,032,962	0
Transportation, Department of	1,518,130	1,347,262	170,868
Wildlife, Fisheries, and Parks, Department of	2,105,823	1,579,261	526,562
Missouri	16,070,147	5,828,985	10,241,162
Conservation, Department of	9,394,690	178,085	9,216,605
Health and Senior Services, Department of	272,900	272,900	0

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Natural Resources, Department of	906,841	718,549	188,292
Transportation, Department of	5,495,716	4,659,451	836,265
Montana	7,200,442	2,249,403	4,951,039
Agriculture, Department of	1,285,830	308,101	977,729
Commerce, Department of	3,553,037	0	3,553,037
Environmental Quality, Department of	30,790	30,790	0
Fish, Wildlife, and Parks, Department of	1,093,129	895,801	197,328
Transportation, Department of	1,237,656	1,014,711	222,945
Nebraska	4,474,695	1,162,077	3,312,618
Agriculture, Department of	316,067	199,119	116,948
Corn Board	515,746	151,107	364,639
Dry Bean Commission	125,000	0	125,000
Ethanol Board	59,051	0	59,051
Grain Sorghum Board	5,200	0	5,200
Natural Resources, Department of	1,986,474	0	1,986,474
Roads, Department of	1,014,814	811,851	202,963
Wheat Board	452,343	0	452,343
Nevada	1,510,607	1,242,142	268,465
Transportation, Department of	1,510,607	1,242,142	268,465
New Hampshire	2,186,780	1,257,828	928,952
Agriculture, Markets, and Food, Department of	38,005	38,005	0
Education, Department of	324,139	319,830	4,309
Environmental Services, Department of	2,372	0	2,372
Resources and Economic Development, Department of	655,000	0	655,000
Transportation, Department of	1,167,264	899,993	267,271
New Jersey	15,146,838	4,293,720	10,853,118
Autism, Council for Research/Treatment of	2,792,455	0	2,792,455
Brain Injury Research, Commission on	1,444,000	0	1,444,000
Environmental Protection, Department of	3,814,000	1,115,000	2,699,000
Science and Technology, Commission on	605,000	0	605,000
Spinal Cord Research, Commission on	2,338,043	0	2,338,043
Transportation, Department of	4,153,340	3,178,720	974,620
New Mexico	1,655,529	1,324,423	331,106
Transportation, Department of	1,655,529	1,324,423	331,106
New York	126,122,333	17,692,538	108,429,795
Agriculture and Markets, Department of	3,487,006	2,500,000	987,006
Energy Research and Development Authority	42,170,407	697,389	41,473,018
Environmental Conservation, Department of	5,851,093	2,983,876	2,867,217
Health, Department of	32,200,000	320,000	31,880,000
Science, Technology and Innovation, Foundation for	35,283,349	5,486,891	29,796,458
Transportation, Department of	7,130,478	5,704,382	1,426,096
North Carolina	51,404,202	8,477,435	42,926,767
Agriculture and Consumer Services, Department of	10,092,515	0	10,092,515
Environment and Natural Resources, Department of	30,811,687	1,427,435	29,384,252
Transportation, Department of	10,500,000	7,050,000	3,450,000
North Dakota	16,423,175	1,901,407	14,521,768
Agriculture, Department of	30,245	30,245	0
Health, Department of	7,368	5,951	1,417
Lignite Research Council	12,500,000	1,000,000	11,500,000
Mineral Resources, Department of	238,135	108,200	129,935
Oil and Gas Research Program	1,034,458	0	1,034,458
Renewable Energy Research Program	588,500	0	588,500

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Soybean Council	706,798	0	706,798
Transportation, Department of	813,445	757,011	56,434
Water Commission	13,850	0	13,850
Wheat Commission	490,376	0	490,376
Ohio	121,851,617	5,141,853	116,709,764
Air Quality Development Authority	3,503,551	0	3,503,551
Development, Department of	111,125,353	0	111,125,353
Education, Department of	456,654	0	456,654
Natural Resources, Department of	2,160,336	2,000,984	159,352
Transportation, Department of	4,605,723	3,140,869	1,464,854
Oklahoma	15,930,878	5,120,111	10,810,767
Science and Technology, Center for the Advancement of	8,962,658	0	8,962,658
Transportation, Department of	4,120,111	4,120,111	0
Wheat Commission	501,446	0	501,446
Wildlife Conservation, Department of	2,346,663	1,000,000	1,346,663
Oregon	12,428,875	4,363,246	8,065,629
Fish and Wildlife, Department of	690,820	518,115	172,705
Forestry, Department of	1,281,242	40,000	1,241,242
Geology and Mineral Industries, Department of	4,685,127	1,060,734	3,624,393
Human Services, Department of	1,308,735	405,607	903,128
Transportation, Department of	2,705,721	1,921,327	784,394
Watershed Enhancement Board	1,757,230	417,463	1,339,767
Pennsylvania	102,958,404	5,975,911	96,982,493
Agriculture, Department of	852,734	0	852,734
Community and Economic Development, Department of	17,755,250	0	17,755,250
Conservation and Natural Resources, Department of	4,613,826	146,334	4,467,492
Environmental Protection, Department of	2,938,656	169,910	2,768,746
Fish and Boat Commission	60,901	42,701	18,200
Game Commission	1,597,758	806,581	791,177
Health, Department of	69,448,595	0	69,448,595
Transportation, Department of	5,690,684	4,810,385	880,299
Rhode Island	1,382,531	0	1,382,531
Economic Development Corporation	1,382,531	0	1,382,531
South Carolina	28,599,885	22,877,576	5,722,309
Agriculture, Department of	940,318	60,940	879,378
Natural Resources, Department of	23,521,908	19,176,196	4,345,712
Sea Grant Consortium	1,661,434	1,433,505	227,929
Transportation, Department of	2,476,225	2,206,935	269,290
South Dakota	4,607,427	3,704,813	902,614
Environment and Natural Resources, Department of	226,825	182,035	44,790
Game, Fish, and Parks, Department of	2,311,292	1,702,048	609,244
Transportation, Department of	2,069,310	1,820,730	248,580
Tennessee	3,881,687	3,131,170	750,517
Health, Department of	129,100	129,100	0
Transportation, Department of	3,752,587	3,002,070	750,517
Texas	49,381,346	22,174,250	27,207,096
Agriculture, Department of	1,847,975	0	1,847,975
Environmental Quality, Commission on	14,763,819	0	14,763,819
Health and Human Services Commission	123,000	74,000	49,000
Parks and Wildlife, Department of	8,130,217	3,898,500	4,231,717
Transportation, Department of	22,535,124	18,201,750	4,333,374
Water Development Board	1,981,211	0	1,981,211

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Utah	26,442,711	5,593,015	20,849,696
Health, Department of	96,476	96,476	0
Natural Resources, Department of	8,000,000	4,000,000	4,000,000
Science Technology and Research Initiative	15,727,062	0	15,727,062
Transportation, Department of	2,619,173	1,496,539	1,122,634
Vermont	738,707	610,565	128,142
Transportation, Agency of	738,707	610,565	128,142
Virginia	17,929,519	11,699,611	6,229,908
Agriculture and Consumer Services, Department of	806,328	26,619	779,709
Consolidated Lab Services, Division of	810,000	810,000	0
Corrections, Department of	477,250	0	477,250
Criminal Justice Services, Department of	447,000	255,400	191,600
Forensic Science, Department of	227,630	10,117	217,513
Innovative Technology, Center for	1,642,061	1,642,061	0
Marine Resources Commission	3,184,779	1,965,253	1,219,526
Natural History, Museum of	821,185	26,887	794,298
Social Services, Department of	70,000	35,000	35,000
Transportation, Department of	9,443,286	6,928,274	2,515,012
Washington	14,528,728	6,422,311	8,106,417
Agriculture, Department of	179,149	62,903	116,246
Beef Commission	2,357	0	2,357
Fish and Wildlife, Department of	6,993,436	3,618,275	3,375,161
Grain Commission	3,321,400	0	3,321,400
Potato Commission	833,191	0	833,191
Puget Sound Partnership	761,124	736,124	25,000
Red Raspberry Commission	152,941	0	152,941
Transportation, Department of	2,285,130	2,005,009	280,121
West Virginia	10,357,006	3,733,032	6,623,974
Environmental Protection, Department of	1,554,769	438,627	1,116,142
Higher Education Policy Commission	7,602,237	2,334,405	5,267,832
Highways, Department of	1,200,000	960,000	240,000
Wisconsin	24,942,415	8,656,553	16,285,862
Commerce, Department of	12,406,980	0	12,406,980
Natural Resources, Department of	7,505,290	4,329,930	3,175,360
Transportation, Department of	5,030,145	4,326,623	703,522
Wyoming	7,194,765	1,199,459	5,995,306
Agriculture, Department of	264,295	0	264,295
Corrections, Department of	89,000	28,000	61,000
Employment, Research and Planning, Department of	1,443,377	5,000	1,438,377
Environmental Quality, Department of	150,000	0	150,000
Game and Fish Department	1,325,668	377,072	948,596
Geological Survey	2,165,681	266,986	1,898,695
Transportation, Department of	1,756,744	522,401	1,234,343

^a "Other" includes companies; nonprofit organizations; other state governments; and city, county, regional, or other local governments.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, FY 2009 Survey of State Government R&D.