

TABLE 19. State agency expenditures for R&D, by state, department or agency, and type of R&D: FY 2011
(Dollars)

Department or agency	Total	Agriculture	Energy ^a	Environment and natural resources	Health	Transportation	Other ^b
United States ^c	1,403,816,235	74,502,498	256,199,776	336,802,780	314,199,669	265,499,832	156,611,680
Alabama	19,684,063	0	1,279,672	13,521,133	0	4,407,856	475,402
Conservation and Natural Resources, Department of	2,448,043	0	0	2,448,043	0	0	0
Forensic Science, Department of	475,402	0	0	0	0	0	475,402
Geological Survey	3,355,833	0	1,279,672	2,076,161	0	0	0
Marine Environmental Sciences Consortium	8,996,929	0	0	8,996,929	0	0	0
Transportation, Department of	4,407,856	0	0	0	0	4,407,856	0
Alaska	11,349,400	713,500	1,301,000	6,767,900	0	2,567,000	0
Fish and Game, Department of	2,697,600	0	0	2,697,600	0	0	0
Geological and Geophysical Surveys, Division of	6,084,800	713,500	1,301,000	4,070,300	0	0	0
Transportation and Public Facilities, Department of	2,567,000	0	0	0	0	2,567,000	0
Arizona	18,626,577	732,254	1,702,776	5,743,162	8,330,000	1,756,700	361,685
Agriculture, Department of	819,771	732,254	0	87,517	0	0	0
Game and Fish Department	4,643,079	0	0	4,643,079	0	0	0
Geological Survey	2,794,127	0	1,702,776	729,666	0	0	361,685
Health Services, Department of	8,330,000	0	0	0	8,330,000	0	0
Transportation, Department of	2,039,600	0	0	282,900	0	1,756,700	0
Arkansas	14,705,327	7,945,440	3,156,213	680,971	0	927,990	1,994,713
Beef Council	74,085	74,085	0	0	0	0	0
Calfish Promotion Board	43,648	43,648	0	0	0	0	0
Corn and Grain Sorghum Promotion Board	605,600	605,600	0	0	0	0	0
Game and Fish Commission	680,971	0	0	680,971	0	0	0
Highway and Transportation Department	927,990	0	0	0	0	927,990	0
Rice Research and Promotion Board	2,870,000	2,870,000	0	0	0	0	0
Science and Technology Authority	6,729,033	1,578,107	3,156,213	0	0	0	1,994,713
Soybean Promotion Board	2,611,000	2,611,000	0	0	0	0	0
Wheat Promotion Board	163,000	163,000	0	0	0	0	0
California	149,810,643	1,227,206	95,975,000	15,129,525	0	37,445,000	33,912
Energy Commission	95,975,000	0	95,975,000	0	0	0	0
Food and Agriculture, Department of	1,528,667	1,122,206	0	396,149	0	0	10,312
Transportation, Department of	37,445,000	0	0	0	0	37,445,000	0
Water Resources, Department of	14,861,976	105,000	0	14,733,376	0	0	23,600
Colorado	18,141,931	583,117	409,252	7,185,567	6,759,774	2,270,155	934,066
Economic Development, Office of	5,479,605	49,889	75,000	54,056	5,300,660	0	0
Natural Resources, Department of	7,654,500	533,228	307,212	6,814,060	0	0	0
Public Health and Environment, Department of	1,873,822	0	27,040	49,543	1,459,114	294,059	44,066
Public Safety, Department of	890,000	0	0	0	0	0	890,000
Transportation, Department of	2,244,004	0	0	267,908	0	1,976,096	0
Connecticut	39,192,091	3,326,548	553,640	12,517,073	18,783,202	4,011,628	0
Agricultural Experiment Station	10,631,320	3,326,548	553,640	4,226,564	2,524,568	0	0
Environmental Protection, Department of	8,101,784	0	0	8,101,784	0	0	0

TABLE 19. State agency expenditures for R&D, by state, department or agency, and type of R&D: FY 2011

(Dollars)

Department or agency	Total	Agriculture	Energy ^a	Environment and natural resources	Health	Transportation	Other ^b
Mental Health and Addiction Services, Department of	4,363,990	0	0	0	4,363,990	0	0
Public Health, Department of	11,894,644	0	0	0	11,894,644	0	0
Transportation, Department of	4,200,353	0	0	188,725	0	4,011,628	0
Delaware	2,609,902	0	0	2,359,902	0	250,000	0
Geological Survey	1,663,179	0	0	1,663,179	0	0	0
Natural Resources and Environmental Control, Department of	696,723	0	0	696,723	0	0	0
Transportation, Department of	250,000	0	0	0	0	250,000	0
District of Columbia	1,221,108	0	0	0	956,728	264,380	0
Health, Department of	956,728	0	0	0	956,728	0	0
Transportation, Department of	264,380	0	0	0	0	264,380	0
Florida	150,764,438	15,991,126	4,158,768	47,437,237	65,570,757	15,645,022	1,961,528
Agriculture and Consumer Services, Department of	11,707,343	7,392,473	4,100,132	0	0	0	214,738
Citrus, Department of	9,445,480	8,598,353	0	0	847,127	0	0
Environmental Protection, Department of	2,787,307	0	0	2,787,307	0	0	0
Fish and Wildlife Conservation Commission	44,649,930	0	0	44,649,930	0	0	0
Health, Department of	64,723,630	0	0	0	64,723,630	0	0
Space	5,239,510	300	58,636	0	0	3,433,784	1,746,790
Transportation, Department of	12,211,238	0	0	0	0	12,211,238	0
Georgia	11,690,663	0	1,200,000	0	0	10,290,663	200,000
Herty Advanced Materials Development Center	3,600,000	0	1,200,000	0	0	2,200,000	200,000
Transportation, Department of	8,090,663	0	0	0	0	8,090,663	0
Hawaii	13,103,983	914,799	6,020,023	5,607,794	0	561,367	0
Agriculture, Department of	564,799	544,799	0	20,000	0	0	0
Business, Economic Development and Tourism, Department of	6,020,023	0	6,020,023	0	0	0	0
Land and Natural Resources, Department of	5,957,794	370,000	0	5,587,794	0	0	0
Transportation, Department of	561,367	0	0	0	0	561,367	0
Idaho	9,366,052	1,720,839	0	6,064,901	0	1,580,312	0
Barley Commission	94,342	94,342	0	0	0	0	0
Bean Commission	93,882	93,882	0	0	0	0	0
Environmental Quality, Department of	25,587	0	0	25,587	0	0	0
Fish and Game, Department of	4,210,814	0	0	4,210,814	0	0	0
Potato Commission	935,000	935,000	0	0	0	0	0
Transportation, Department of	1,580,312	0	0	0	0	1,580,312	0
Water Resources, Department of	1,828,500	0	0	1,828,500	0	0	0
Wheat Commission	597,615	597,615	0	0	0	0	0
Illinois	17,207,125	0	0	0	680,013	9,287,308	7,239,804
Children and Family Services, Department of	6,681,163	0	0	0	0	0	6,681,163
Public Health, Department of	680,013	0	0	0	680,013	0	0
State Police	558,641	0	0	0	0	0	558,641
Transportation, Department of	9,287,308	0	0	0	0	9,287,308	0

TABLE 19. State agency expenditures for R&D, by state, department or agency, and type of R&D: FY 2011

(Dollars)

Department or agency	Total	Agriculture	Energy ^a	Environment and natural resources	Health	Transportation	Other ^b
Indiana	6,983,364	0	0	1,700,000	0	4,074,838	1,208,526
Criminal Justice Institute	450,000	0	0	0	0	0	450,000
Economic Development Corporation	833,364	0	0	0	0	74,838	758,526
Natural Resources, Department of	1,700,000	0	0	1,700,000	0	0	0
Transportation, Department of	4,000,000	0	0	0	0	4,000,000	0
Iowa	36,992,222	0	26,590,826	3,640,397	0	6,050,000	710,999
College Student Aid Commission	92,753	0	0	0	0	0	92,753
Criminal and Juvenile Justice Programs, Division of	20,246	0	0	0	0	0	20,246
Economic Development Authority, Energy Office	26,590,826	0	26,590,826	0	0	0	0
Natural Resources, Department of	3,640,397	0	0	3,640,397	0	0	0
Transportation, Department of	6,050,000	0	0	0	0	6,050,000	0
Workforce Development	598,000	0	0	0	0	0	598,000
Kansas	6,635,626	1,167,853	0	465,000	0	5,002,773	0
Transportation, Department of	5,002,773	0	0	0	0	5,002,773	0
Wheat Commission	1,167,853	1,167,853	0	0	0	0	0
Wildlife, Parks, and Tourism, Department of	465,000	0	0	465,000	0	0	0
Kentucky	20,498,849	45,130	3,372,112	2,137,523	7,136,813	4,425,113	3,382,158
Agricultural Policy, Governor's Office of	45,130	45,130	0	0	0	0	0
Budget and Fiscal Management, Office of	4,425,113	0	0	0	0	4,425,113	0
Commercialization and Innovation, Department of	8,409,917	0	642,212	0	4,964,213	0	2,803,492
Early Childhood Development, Division of	541,000	0	0	0	0	0	541,000
Energy Policy, Governor's Office for	2,729,900	0	2,729,900	0	0	0	0
Environmental Education Council	37,666	0	0	0	0	0	37,666
Fish and Wildlife Resources, Department of	2,111,023	0	0	2,111,023	0	0	0
Nature Preserves Commission	26,500	0	0	26,500	0	0	0
Public Health, Department of	2,172,600	0	0	0	2,172,600	0	0
Louisiana	9,203,635	0	0	2,807,583	0	6,396,052	0
Transportation and Development, Department of	6,396,052	0	0	0	0	6,396,052	0
Wildlife and Fisheries, Department of	2,807,583	0	0	2,807,583	0	0	0
Maine	9,918,765	987,050	5,000	3,728,729	1,082,201	505,860	3,609,925
Agriculture, Department of	72,750	72,750	0	0	0	0	0
Conservation, Department of	380,000	0	0	380,000	0	0	0
Drug Enforcement Agency	75,000	0	0	0	0	0	75,000
Environmental Protection, Department of	225,000	0	5,000	220,000	0	0	0
Marine Resources, Department of	2,127,121	10,000	0	1,871,165	245,956	0	0
State Fire Marshal's Office	3,000	0	0	0	0	0	3,000
Technology Institute	6,530,034	904,300	0	1,257,564	836,245	0	3,531,925
Transportation, Department of	505,860	0	0	0	0	505,860	0
Maryland	20,084,540	451,700	25,000	616,000	13,611,823	4,080,017	1,300,000
Business and Economic Development, Department of	1,300,000	0	0	0	0	0	1,300,000
Health and Mental Hygiene, Department of	2,400,000	0	0	0	2,400,000	0	0

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(Dollars)

Department or agency	Total	Agriculture	Energy ^a	Environment and natural resources	Health	Transportation	Other ^b
Natural Resources, Department of	268,700	18,700	25,000	225,000	0	0	0
Technology Development Corporation	11,211,823	0	0	0	11,211,823	0	0
Transportation, Department of	4,904,017	433,000	0	391,000	0	4,080,017	0
Massachusetts	4,878,927	0	0	842,629	2,045,865	1,504,260	486,173
Capital Asset Management, Division of	0	0	0	0	0	0	0
Early Education and Care, Department of	486,173	0	0	0	0	0	486,173
Environmental Protection, Department of	259,147	0	0	259,147	0	0	0
Fish and Game, Department of	583,482	0	0	583,482	0	0	0
Mental Health, Department of	1,882,744	0	0	0	1,882,744	0	0
Public Health, Department of	163,121	0	0	0	163,121	0	0
Transportation Planning, Office of	1,504,260	0	0	0	0	1,504,260	0
Michigan	9,802,873	82,793	0	4,595,080	0	5,125,000	0
Agriculture, Department of	82,793	82,793	0	0	0	0	0
Natural Resources, Department of	4,595,080	0	0	4,595,080	0	0	0
Transportation, Department of	5,125,000	0	0	0	0	5,125,000	0
Minnesota	11,653,327	1,387,590	249,201	794,167	0	9,222,369	0
Agriculture, Department of	1,774,976	1,347,590	249,201	178,185	0	0	0
Forest Resources Council	114,592	40,000	0	74,592	0	0	0
Pollution Control Agency	134,502	0	0	134,502	0	0	0
Transportation, Department of	9,629,257	0	0	406,888	0	9,222,369	0
Mississippi	7,420,851	0	1,250,000	3,295,081	0	2,463,770	412,000
Innovative Geospatial Solutions, Enterprise for	2,686,000	0	1,250,000	950,000	0	74,000	412,000
Transportation, Department of	2,389,770	0	0	0	0	2,389,770	0
Wildlife, Fisheries, and Parks, Department of	2,345,081	0	0	2,345,081	0	0	0
Missouri	13,658,961	85,115	0	8,530,764	0	5,043,082	0
Agriculture, Department of	32,308	32,308	0	0	0	0	0
Conservation, Department of	8,216,486	0	0	8,216,486	0	0	0
Natural Resources, Department of	367,085	52,807	0	314,278	0	0	0
Transportation, Department of	5,043,082	0	0	0	0	5,043,082	0
Montana	6,474,190	1,493,635	405,260	2,343,724	848,774	1,168,956	213,841
Agriculture, Department of	1,653,768	1,353,635	0	300,133	0	0	0
Commerce, Department of	1,376,063	140,000	405,260	0	646,962	0	183,841
Environmental Quality, Department of	283,206	0	0	185,726	0	97,480	0
Fish, Wildlife, and Parks	1,857,865	0	0	1,857,865	0	0	0
Natural Resources and Conservation, Department of	30,000	0	0	0	0	0	30,000
Transportation, Department of	1,273,288	0	0	0	201,812	1,071,476	0
Nebraska	4,061,651	977,548	10,000	1,902,385	48,482	1,123,236	0
Agriculture, Department of	342,385	342,385	0	0	0	0	0
Corn Board	267,123	116,499	0	102,142	48,482	0	0
Dry Bean Commission	141,220	141,220	0	0	0	0	0
Grain Sorghum Board	13,444	13,444	0	0	0	0	0

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(Dollars)

Department or agency	Total	Agriculture	Energy ^a	Environment and natural resources	Health	Transportation	Other ^b
Natural Resources, Department of	1,770,243	0	0	1,770,243	0	0	0
Roads, Department of	1,123,236	0	0	0	0	1,123,236	0
Wheat Board	404,000	364,000	10,000	30,000	0	0	0
Nevada	1,868,869	0	0	475,821	0	1,393,048	0
Transportation, Department of	1,393,048	0	0	0	0	1,393,048	0
Wildlife, Department of	475,821	0	0	475,821	0	0	0
New Hampshire	1,921,421	113,969	0	111,000	0	1,196,452	500,000
Agriculture, Markets, and Food, Department of	40,969	40,969	0	0	0	0	0
Resources and Economic Development, Department of	684,000	73,000	0	111,000	0	0	500,000
Transportation, Department of	1,196,452	0	0	0	0	1,196,452	0
New Jersey	17,068,781	0	0	1,988,395	9,537,742	5,542,644	0
Brain Injury Research, Commission on	3,260,413	0	0	0	3,260,413	0	0
Cancer Research, Commission on	350,000	0	0	0	350,000	0	0
Environmental Protection, Department of	1,988,395	0	0	1,988,395	0	0	0
Research and Treatment of Autism, Council for	3,385,611	0	0	0	3,385,611	0	0
Spinal Cord Research, Commission on	2,541,718	0	0	0	2,541,718	0	0
Transportation, Department of	5,542,644	0	0	0	0	5,542,644	0
New Mexico	1,821,583	0	0	0	0	1,821,583	0
Transportation, Department of	1,821,583	0	0	0	0	1,821,583	0
New York	182,736,305	1,779,089	45,400,532	8,925,684	70,939,954	12,191,046	43,500,000
Agriculture and Markets, Department of	3,554,089	779,089	0	0	2,775,000	0	0
Energy Research and Development Authority	48,057,371	0	37,400,532	3,458,575	0	7,198,264	0
Environmental Conservation, Department of	2,939,284	0	0	2,939,284	0	0	0
Foundation for Science, Technology and Innovation	68,000,000	1,000,000	8,000,000	0	15,500,000	0	43,500,000
Health, Department of	55,192,779	0	0	2,527,825	52,664,954	0	0
Transportation, Department of	4,992,782	0	0	0	0	4,992,782	0
North Carolina	29,611,785	12,878,500	105,000	6,817,285	50,000	9,500,000	261,000
Agriculture and Consumer Services, Department of	12,773,500	12,773,500	0	0	0	0	0
Environment and Natural Resources, Department of	5,267,285	0	0	5,267,285	0	0	0
Transportation, Department of	11,571,000	105,000	105,000	1,550,000	50,000	9,500,000	261,000
North Dakota	8,072,257	2,014,848	5,200,850	15,000	0	578,559	263,000
Agriculture, Department of	75,710	75,710	0	0	0	0	0
Lignite Research Council	2,790,750	0	2,639,750	0	0	0	151,000
Mineral Resources, Department of	73,500	0	58,500	15,000	0	0	0
Oil and Gas Research Program	1,378,125	0	1,273,125	0	0	0	105,000
Renewable Energy Research Program	1,236,475	0	1,229,475	0	0	0	7,000
Soybean Council	808,649	808,649	0	0	0	0	0
Transportation, Department of	578,559	0	0	0	0	578,559	0
Wheat Commission	1,130,489	1,130,489	0	0	0	0	0

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Department or agency	Total	Agriculture	Energy ^a	Environment and natural resources	Health	Transportation	Other ^b
Ohio	159,322,228	0	47,150,392	38,596,214	13,231,000	17,281,878	43,062,744
Air Quality Development Authority	2,034,728	0	2,034,728	0	0	0	0
Development, Department of	150,072,744	0	45,000,000	35,000,000	13,000,000	14,500,000	42,572,744
Mental Health, Department of	721,000	0	0	0	231,000	0	490,000
Natural Resources, Department of	3,711,878	0	115,664	3,596,214	0	0	0
Transportation, Department of	2,781,878	0	0	0	0	2,781,878	0
Oklahoma	20,304,740	1,608,677	149,201	2,505,761	5,478,209	4,101,968	6,460,924
Center for the Advancement of Science and Technology	13,052,997	811,656	149,201	238,510	5,478,209	0	6,375,421
Health, Department of	9,850	0	0	0	0	0	9,850
Sorghum Commission	22,500	22,500	0	0	0	0	0
Transportation, Department of	4,437,947	260,326	0	0	0	4,101,968	75,653
Wheat Commission	514,195	514,195	0	0	0	0	0
Wildlife Conservation, Department of	2,267,251	0	0	2,267,251	0	0	0
Oregon	20,001,272	532,446	50,000	16,924,664	0	2,494,162	0
Agriculture, Department of	582,446	532,446	50,000	0	0	0	0
Fish and Wildlife, Department of	11,326,000	0	0	11,326,000	0	0	0
Forestry, Department of	478,413	0	0	478,413	0	0	0
Geology and Mineral Industries, Department of	4,979,303	0	0	4,979,303	0	0	0
Transportation, Department of	2,494,162	0	0	0	0	2,494,162	0
Watershed Enhancement Board	140,948	0	0	140,948	0	0	0
Pennsylvania	71,098,139	640,671	0	7,749,253	54,788,921	3,919,294	4,000,000
Agriculture, Department of	640,671	640,671	0	0	0	0	0
Community and Economic Development, Department of	4,700,000	0	0	0	700,000	0	4,000,000
Conservation and Natural Resources, Department of	2,212,545	0	0	2,212,545	0	0	0
Environmental Protection, Department of	1,059,451	0	0	1,059,451	0	0	0
Fish and Boat Commission	781,643	0	0	781,643	0	0	0
Game Commission	3,695,614	0	0	3,695,614	0	0	0
Health, Department of	54,088,921	0	0	0	54,088,921	0	0
Transportation, Department of	3,919,294	0	0	0	0	3,919,294	0
Rhode Island	1,947,727	0	0	590,282	912,363	445,082	0
Economic Development Corporation	1,303,377	0	0	391,014	912,363	0	0
Transportation, Department of	644,350	0	0	199,268	0	445,082	0
South Carolina	47,795,394	92,305	115,338	45,163,028	844,138	1,580,585	0
Health and Environmental Control, Department of	721,804	0	0	0	721,804	0	0
Mental Health, Department of	122,334	0	0	0	122,334	0	0
Natural Resources, Department of	42,392,567	0	0	42,392,567	0	0	0
Public Service Authority	115,338	0	115,338	0	0	0	0
Sea Grant Consortium	2,862,766	92,305	0	2,770,461	0	0	0
Transportation, Department of	1,580,585	0	0	0	0	1,580,585	0

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South Dakota	3,629,155	0	0	1,628,888	0	2,000,267	0
Game, Fish and Parks, Department of	1,628,888	0	0	1,628,888	0	0	0
Transportation, Department of	2,000,267	0	0	0	0	2,000,267	0
Tennessee	3,606,726	0	0	320,000	0	3,286,726	0
Environment and Conservation, Department of	320,000	0	0	320,000	0	0	0
Transportation, Department of	3,286,726	0	0	0	0	3,286,726	0
Texas	47,372,367	2,877,596	0	4,805,152	15,838,498	23,851,121	0
Agriculture, Department of	1,853,946	1,853,946	0	0	0	0	0
Cancer Prevention and Research Institute	15,715,498	0	0	0	15,715,498	0	0
Environmental Quality, Commission on	1,599,224	0	0	1,599,224	0	0	0
Health and Human Services Commission	123,000	0	0	0	123,000	0	0
Parks and Wildlife, Department of	1,819,498	0	0	1,819,498	0	0	0
Transportation, Department of	23,851,121	0	0	0	0	23,851,121	0
Water Development Board	2,410,080	1,023,650	0	1,386,430	0	0	0
Utah	34,418,764	113,336	7,209,348	7,943,186	14,602,894	2,600,000	1,950,000
Health, Department of	261,727	0	0	0	261,727	0	0
Natural Resources, Department of	8,000,000	0	4,000,000	4,000,000	0	0	0
Science Technology and Research, Governor's Office of Economic Development	23,557,037	113,336	3,209,348	3,943,186	14,341,167	0	1,950,000
Transportation, Department of	2,600,000	0	0	0	0	2,600,000	0
Vermont	1,711,673	652,700	300,000	75,000	190,117	493,856	0
Agriculture, Agency of	1,027,700	652,700	300,000	75,000	0	0	0
Human Services, Agency of	190,117	0	0	0	190,117	0	0
Transportation, Agency of	493,856	0	0	0	0	493,856	0
Virginia	17,241,804	2,213,361	118,000	3,829,525	682,506	8,469,431	1,928,981
Agriculture and Consumer Services, Department of	2,169,935	2,169,935	0	0	0	0	0
Consolidated Lab Services, Division of	784,808	43,426	0	58,876	682,506	0	0
Corrections, Department of	919,542	0	0	0	0	0	919,542
Forensic Science, Department of	160,439	0	0	0	0	0	160,439
Health, Department of	27,900	0	0	27,900	0	0	0
Innovative Technology, Center for	1,010,000	0	118,000	43,000	0	0	849,000
Marine Resources Commission	3,130,629	0	0	3,130,629	0	0	0
Natural History, Museum of	569,120	0	0	569,120	0	0	0
Transportation, Department of	8,469,431	0	0	0	0	8,469,431	0
Washington	24,500,489	8,317,099	0	11,087,560	0	5,095,830	0
Agriculture, Department of	190,841	190,841	0	0	0	0	0
Fish and Wildlife, Department of	7,190,560	0	0	7,190,560	0	0	0
Grain Commission	3,573,613	3,573,613	0	0	0	0	0
Natural Resources, Department of	4,032,000	135,000	0	3,897,000	0	0	0
Potato Commission	842,198	842,198	0	0	0	0	0
Red Raspberry Commission	225,447	225,447	0	0	0	0	0

TABLE 19. State agency expenditures for R&D, by state, department or agency, and type of R&D: FY 2011
(Dollars)

Department or agency	Total	Agriculture	Energy ^a	Environment and natural resources	Health	Transportation	Other ^b
Transportation, Department of	5,095,830	0	0	0	0	5,095,830	0
Tree Fruit Research Commission	3,215,000	3,215,000	0	0	0	0	0
Wine Commission	135,000	135,000	0	0	0	0	0
West Virginia	35,475,338	151,428	2,737,372	1,873,514	0	5,583,425	25,129,599
Agriculture, Department of	151,428	151,428	0	0	0	0	0
Environmental Protection, Department of	885,794	0	0	885,794	0	0	0
Geological and Economic Survey	3,274,416	0	2,737,372	0	0	0	537,044
Higher Education Policy Commission	24,577,042	0	0	0	0	0	24,577,042
Highways, Department of	5,583,425	0	0	0	0	5,583,425	0
Justice and Community Services, Division of	15,513	0	0	0	0	0	15,513
Natural Resources, Division of	987,720	0	0	987,720	0	0	0
Wisconsin	21,128,936	536,004	0	10,197,725	1,248,895	4,115,612	5,030,700
Agriculture, Trade, and Consumer Protection, Department of	536,004	536,004	0	0	0	0	0
Economic Development Corporation	7,979,595	0	0	1,700,000	1,248,895	0	5,030,700
Natural Resources, Department of	8,497,725	0	0	8,497,725	0	0	0
Transportation, Department of	4,115,612	0	0	0	0	4,115,612	0
Wyoming	5,419,398	147,226	0	4,765,616	0	506,556	0
Agriculture, Department of	147,226	147,226	0	0	0	0	0
Environmental Quality, Department of	150,000	0	0	150,000	0	0	0
Game and Fish, Department of	1,775,184	0	0	1,775,184	0	0	0
Geological Survey	2,540,432	0	0	2,540,432	0	0	0
Transportation, Department of	506,556	0	0	0	0	506,556	0
Water Development Office	300,000	0	0	300,000	0	0	0
Puerto Rico ^d	537,869	0	0	0	0	0	537,869
Education Council	537,869	0	0	0	0	0	537,869

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

^b Other functions include, but are not limited to, corrections, criminal justice, education, forensic science, labor, public safety, and social services.

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

^d 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.