

TABLE 23. State agency expenditures for R&D, by state, department or agency, and performer: FY 2013
(Dollars)

Department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers			
			Total	Academic	Companies or individuals ^b	Other ^c
United States ^d	1,785,039,276	464,434,423	1,320,604,853	813,829,586	363,225,934	143,549,333
Alabama	13,292,741	9,160,769	4,131,972	3,985,785	60,082	86,105
Conservation and Natural Resources, Department of	2,307,054	829,378	1,477,676	1,331,489	60,082	86,105
Forensic Sciences, Department of	144,180	144,180	0	0	0	0
Geological Survey	3,196,187	3,196,187	0	0	0	0
Marine Environmental Science Consortium	4,991,024	4,991,024	0	0	0	0
Transportation, Department of	2,654,296	0	2,654,296	2,654,296	0	0
Alaska	6,689,384	5,963,195	726,189	726,189	0	0
Natural Resources, Department of	6,213,471	5,558,195	655,276	655,276	0	0
Transportation and Public Facilities, Department of	475,913	405,000	70,913	70,913	0	0
Arizona	27,810,970	16,141,770	11,669,200	4,130,964	7,246,255	291,981
Agriculture, Department of	668,045	0	668,045	643,576	0	24,469
Game and Fish Department	4,089,754	3,964,254	125,500	50,000	75,500	0
Geological Survey	9,538,303	8,770,816	767,487	387,238	328,837	51,412
Health Services, Department of	11,203,068	2,059,700	9,143,368	2,937,950	6,205,418	0
Transportation, Department of	2,311,800	1,347,000	964,800	112,200	636,500	216,100
Arkansas	16,518,947	2,992,079	13,526,868	12,551,097	975,771	0
Beef Council	18,730	0	18,730	18,730	0	0
Calfish Promotion Board	22,500	0	22,500	22,500	0	0
Corn and Grain Sorghum Board	805,000	0	805,000	746,500	58,500	0
Game and Fish Commission	891,397	528,338	363,059	363,059	0	0
Rice Research and Promotion Board	2,594,500	0	2,594,500	2,594,500	0	0
Science and Technology Authority	6,596,697	1,491,546	5,105,151	4,187,880	917,271	0
Soybean Promotion Board	3,412,674	0	3,412,674	3,412,674	0	0
State Highway and Transportation Department	1,915,324	972,195	943,129	943,129	0	0
Wheat Promotion Board	262,125	0	262,125	262,125	0	0
California	346,942,036	57,262,060	289,679,976	181,528,472	41,509,436	66,642,068
Air Resources Board	18,727,946	10,650,000	8,077,946	5,398,066	2,679,880	0
Children and Families Commission	750,000	0	750,000	750,000	0	0
Energy Commission	55,396,000	12,198,000	43,198,000	11,540,856	25,520,103	6,137,041
Environmental Health Hazard Assessment, Office of	12,737,703	12,659,938	77,765	21,751	0	56,014
Food and Agriculture, Department of	2,284,113	0	2,284,113	2,018,947	195,258	69,908
Forestry and Fire Protection, Department of	1,672,942	675,000	997,942	81,630	0	916,312
Institute for Regenerative Medicine	197,108,479	0	197,108,479	136,936,380	10,245,131	49,926,968
Motor Vehicles, Department of	1,554,440	1,554,440	0	0	0	0
Pesticide Regulation, Department of	7,822,000	5,476,000	2,346,000	1,139,000	100,000	1,107,000
Public Health, Genetic Disease, Department of	1,171,920	1,171,920	0	0	0	0
Public Health, Science and Education, Department of	800,000	800,000	0	0	0	0
Resources Recycling and Recovery, Department of	3,232,556	0	3,232,556	2,134,172	943,384	155,000
Seismic Safety Commission	245,900	0	245,900	245,900	0	0
Sierra Nevada Conservancy	47,711	0	47,711	47,711	0	0
Social Services, Department of	1,059,872	75,732	984,140	984,140	0	0
State Coastal Conservancy	1,638,868	0	1,638,868	724,511	207,885	706,472
State Hospitals, Department of	350,000	0	350,000	350,000	0	0
State Water Resources Control Board	1,400,000	0	1,400,000	0	0	1,400,000
Statewide Health Planning and Development, Office of	175,000	75,000	100,000	100,000	0	0
Transportation, Department of	35,038,000	10,506,000	24,532,000	18,000,000	1,304,000	5,228,000
Water Resources, Department of	3,728,586	1,420,030	2,308,556	1,055,408	313,795	939,353
Colorado	14,471,683	8,248,707	6,222,976	1,932,754	1,974,277	2,315,945
Economic Development and International Trade, Office of	3,107,542	0	3,107,542	1,117,206	1,217,105	773,231
Natural Resources, Department of	6,576,449	6,557,297	19,152	19,152	0	0
Public Health and Environment, Department of	1,459,114	0	1,459,114	0	0	1,459,114
Public Safety, Department of	989,741	989,741	0	0	0	0

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Transportation, Department of	2,338,837	701,669	1,637,168	796,396	757,172	83,600
Connecticut	41,023,368	25,612,853	15,410,515	10,187,016	4,090,116	1,133,383
Agricultural Experiment Station	11,176,787	11,176,787	0	0	0	0
Energy and Environmental Protection, Department of	9,228,915	8,693,860	535,055	385,356	12,620	137,079
Mental Health and Addiction Services, Department of	4,895,486	3,710,504	1,184,982	1,184,982	0	0
Public Health, Department of	11,622,180	156,702	11,465,478	7,216,678	4,077,496	171,304
Transportation, Department of	4,100,000	1,875,000	2,225,000	1,400,000	0	825,000
Delaware	4,729,141	2,514,545	2,214,596	2,024,596	190,000	0
Geological Survey	1,784,107	1,784,107	0	0	0	0
Natural Resources and Environmental Control, Department of	970,438	730,438	240,000	50,000	190,000	0
Transportation, Department of	1,974,596	0	1,974,596	1,974,596	0	0
District of Columbia	1,848,800	435,813	1,412,987	864,989	547,998	0
Health, Department of	861,058	184,813	676,245	284,989	391,256	0
Transportation, Department of	987,742	251,000	736,742	580,000	156,742	0
Florida	118,781,266	47,372,831	71,408,435	39,786,696	24,263,813	7,357,926
Agriculture and Consumer Services, Department of	17,069,604	2,824,529	14,245,075	5,715,709	1,173,715	7,355,651
Citrus, Department of	5,843,133	161,909	5,681,224	5,409,732	271,492	0
Environmental Protection, Department of	3,068,175	2,262,702	805,473	700,000	105,473	0
Fish and Wildlife Conservation Commission	43,977,133	42,123,691	1,853,442	1,853,442	0	0
Health, Department of	38,382,971	0	38,382,971	15,775,884	22,607,087	0
Space Florida	1,160,380	0	1,160,380	1,052,059	106,046	2,275
Transportation, Department of	9,279,870	0	9,279,870	9,279,870	0	0
Georgia	12,697,846	2,041,101	10,656,745	10,656,745	0	0
Natural Resources, Department of	3,999,505	2,041,101	1,958,404	1,958,404	0	0
Transportation, Department of	8,698,341	0	8,698,341	8,698,341	0	0
Hawaii	13,094,794	4,320,992	8,773,802	3,153,217	5,170,585	450,000
Agriculture, Department of	1,516,064	490,000	1,026,064	576,064	0	450,000
Business, Economic Development, and Tourism, Department of	5,674,072	503,487	5,170,585	0	5,170,585	0
Health, Department of	190,000	190,000	0	0	0	0
Land and Natural Resources, Department of	4,484,602	2,565,206	1,919,396	1,919,396	0	0
Transportation, Department of	1,230,056	572,299	657,757	657,757	0	0
Idaho	12,929,174	7,836,031	5,093,143	3,629,206	576,020	887,917
Barley Commission	141,838	37,321	104,517	0	0	104,517
Bean Commission	106,035	105,885	150	0	150	0
Fish and Game, Department of	7,409,032	6,687,059	721,973	721,973	0	0
Potato Commission	1,332,536	499,366	833,170	610,000	223,170	0
Transportation Department	1,929,300	206,400	1,722,900	786,800	152,700	783,400
Water Resources, Department of	810,433	300,000	510,433	510,433	0	0
Wheat Commission	1,200,000	0	1,200,000	1,000,000	200,000	0
Illinois	17,999,229	1,663,080	16,336,149	12,316,808	224,060	3,795,281
Children and Family Services, Department of	7,748,399	0	7,748,399	7,748,399	0	0
Commerce and Economic Opportunity, Department of	225,000	0	225,000	225,000	0	0
Public Health, Department of	1,306,747	0	1,306,747	0	0	1,306,747
Transportation, Department of	8,719,083	1,663,080	7,056,003	4,343,409	224,060	2,488,534
Indiana	10,167,120	1,022,370	9,144,750	8,087,531	1,057,219	0
Criminal Justice Institute	360,000	245,000	115,000	115,000	0	0
Economic Development Corporation	1,763,216	0	1,763,216	708,497	1,054,719	0
Natural Resources, Department of	270,500	0	270,500	268,000	2,500	0
Transportation, Department of	7,773,404	777,370	6,996,034	6,996,034	0	0
Iowa	19,365,308	5,603,029	13,762,279	6,719,963	5,776,990	1,265,326
Economic Development Authority, Energy Office	6,340,014	0	6,340,014	1,531,270	4,808,744	0
Human Rights, Criminal and Juvenile Justice Planning, Division of	22,484	22,484	0	0	0	0

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Natural Resources, Department of	3,517,000	3,517,000	0	0	0	0
Transportation, Department of	9,485,810	2,063,545	7,422,265	5,188,693	968,246	1,265,326
Kansas	5,708,223	1,577,722	4,130,501	3,171,725	0	958,776
Transportation, Department of	4,724,025	1,577,722	3,146,303	2,187,527	0	958,776
Wheat Commission	984,198	0	984,198	984,198	0	0
Kentucky	19,751,055	2,962,965	16,788,090	8,629,050	8,159,040	0
Budget and Fiscal Management, Office of	2,714,500	350,000	2,364,500	2,364,500	0	0
Early Childhood, Governor's Office of	228,618	0	228,618	228,618	0	0
Economic Development, Cabinet for	8,044,646	0	8,044,646	0	8,044,646	0
Education Professional Standards Board	401,544	373,847	27,697	27,697	0	0
Energy Development and Independence, Department for	3,294,541	0	3,294,541	3,294,541	0	0
Fish and Wildlife Resources, Department of	2,615,188	2,214,118	401,070	286,676	114,394	0
Horse Racing Commission	312,518	0	312,518	312,518	0	0
Public Health, Department for	2,111,500	0	2,111,500	2,111,500	0	0
State Nature Preserves Commission	28,000	25,000	3,000	3,000	0	0
Louisiana	15,713,110	5,081,221	10,631,889	5,662,081	3,139,795	1,830,013
Coastal Protection and Restoration Authority	5,731,257	240,000	5,491,257	1,040,000	2,621,244	1,830,013
Transportation and Development, Department of	6,965,116	2,559,170	4,405,946	3,994,895	411,051	0
Wildlife and Fisheries, Department of	3,016,737	2,282,051	734,686	627,186	107,500	0
Maine	6,109,793	1,154,177	4,955,616	658,341	25,000	4,272,275
Agriculture, Conservation and Forestry, Department of	460,000	460,000	0	0	0	0
Drug Enforcement Agency	30,000	0	30,000	30,000	0	0
Environmental Protection, Department of	235,000	160,000	75,000	50,000	25,000	0
Inland Fisheries and Wildlife, Department of	159,834	0	159,834	159,834	0	0
Marine Resources, Department of	431,240	222,030	209,210	209,210	0	0
Technology Institute	4,272,275	0	4,272,275	0	0	4,272,275
Transportation, Department of	521,444	312,147	209,297	209,297	0	0
Maryland	29,467,445	572,247	28,895,198	26,860,408	1,887,108	147,682
Business and Economic Development, Department of	1,647,108	0	1,647,108	0	1,647,108	0
Health and Mental Hygiene, Department of	5,800,000	0	5,800,000	5,800,000	0	0
Natural Resources, Department of	832,243	382,247	449,996	397,314	40,000	12,682
Technology Development Corporation	19,410,014	0	19,410,014	19,410,014	0	0
Transportation, Department of	1,778,080	190,000	1,588,080	1,253,080	200,000	135,000
Massachusetts	4,590,424	1,083,202	3,507,222	2,012,271	243,488	1,251,463
Environmental Protection, Department of	246,613	186,186	60,427	27,209	33,218	0
Fish and Game, Department of	784,707	749,161	35,546	0	35,546	0
Mental Health, Department of	1,892,550	147,855	1,744,695	1,744,695	0	0
Public Health, Department of	1,666,554	0	1,666,554	240,367	174,724	1,251,463
Michigan	12,830,423	2,651,063	10,179,360	7,017,934	661,426	2,500,000
Agriculture and Rural Development, Department of	513,396	0	513,396	451,970	61,426	0
Environmental Quality, Department of	45,745	0	45,745	45,745	0	0
Natural Resources, Department of	4,571,282	951,063	3,620,219	3,620,219	0	0
Transportation, Department of	7,700,000	1,700,000	6,000,000	2,900,000	600,000	2,500,000
Minnesota	14,855,954	1,007,122	13,848,832	8,198,550	3,398,510	2,251,772
Agriculture, Department of	2,526,558	801,791	1,724,767	1,145,430	458,354	120,983
Forest Resources Council	51,831	51,831	0	0	0	0
Pollution Control Agency	979,973	0	979,973	394,821	266,308	318,844
Transportation, Department of	11,297,592	153,500	11,144,092	6,658,299	2,673,848	1,811,945
Mississippi	4,863,312	2,094,537	2,768,775	1,446,282	699,542	622,951
Transportation, Department of	3,300,936	1,127,000	2,173,936	940,934	610,051	622,951
Wildlife, Fisheries, and Parks, Department of	1,562,376	967,537	594,839	505,348	89,491	0

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			Total	Academic	Companies or individuals ^b	Other ^c
Missouri	13,051,110	6,696,607	6,354,503	4,065,979	1,888,646	399,878
Agriculture, Department of	381,475	0	381,475	381,475	0	0
Conservation, Department of	9,030,901	6,209,234	2,821,667	2,565,139	0	256,528
Natural Resources, Department of	266,597	43,315	223,282	147,232	0	76,050
Transportation, Department of	3,372,137	444,058	2,928,079	972,133	1,888,646	67,300
Montana	6,570,018	2,035,229	4,534,789	2,846,679	1,229,298	458,812
Agriculture, Department of	1,929,948	0	1,929,948	1,260,128	669,820	0
Environmental Quality, Department of	237,328	122,464	114,864	38,775	7,449	68,640
Fish, Wildlife and Parks	2,160,798	1,650,054	510,744	311,757	0	198,987
Natural Resources and Conservation, Department of	140,945	0	140,945	6,000	0	134,945
Transportation, Department of	2,100,999	262,711	1,838,288	1,230,019	552,029	56,240
Nebraska	7,274,333	368,009	6,906,324	3,333,011	2,911,347	661,966
Agriculture, Department of	388,885	0	388,885	307,977	80,908	0
Corn Board	468,089	0	468,089	468,089	0	0
Dry Bean Commission	178,386	178,386	0	0	0	0
Economic Development, Department of	2,317,862	0	2,317,862	546,000	1,771,862	0
Grain Sorghum Board	15,000	0	15,000	15,000	0	0
Natural Resources, Department of	1,894,916	186,573	1,708,343	0	1,046,377	661,966
Roads, Department of	1,706,203	0	1,706,203	1,706,203	0	0
Wheat Board	304,992	3,050	301,942	289,742	12,200	0
Nevada	1,640,871	366,804	1,274,067	1,214,270	59,797	0
Transportation, Department of	1,595,463	365,395	1,230,068	1,170,271	59,797	0
Wildlife, Department of	45,408	1,409	43,999	43,999	0	0
New Hampshire	1,788,396	683,882	1,104,514	723,490	295,016	86,008
Agriculture, Markets and Food, Department of	121,435	0	121,435	121,435	0	0
Resources and Economic Development, Department of	440,000	317,000	123,000	0	123,000	0
Transportation, Department of	1,226,961	366,882	860,079	602,055	172,016	86,008
New Jersey	22,413,516	2,920,843	19,492,673	15,010,540	42,158	4,439,975
Brain Injury Research, Commission on	3,924,029	110,750	3,813,279	3,245,228	0	568,051
Cancer Research, Commission on	1,345,672	0	1,345,672	1,345,672	0	0
Environmental Protection, Department of	2,929,505	1,527,000	1,402,505	1,402,505	0	0
Medical Research and Treatment of Autism, Governor's Council for	6,883,804	194,600	6,689,204	4,039,358	0	2,649,846
Spinal Cord Research, Commission on	3,082,046	117,400	2,964,646	1,742,568	0	1,222,078
Transportation, Department of	4,248,460	971,093	3,277,367	3,235,209	42,158	0
New Mexico	2,015,961	768,893	1,247,068	899,274	347,794	0
State Engineer, Office of the	96,182	63,418	32,764	509	32,255	0
Transportation, Department of	1,919,779	705,475	1,214,304	898,765	315,539	0
New York	177,063,220	73,922,295	103,140,925	63,917,143	21,302,230	17,921,552
Agriculture and Markets, Department of	3,872,277	2,520,000	1,352,277	1,302,277	0	50,000
Empire State Development	46,870,153	785,139	46,085,014	43,110,139	0	2,974,875
Energy Research and Development Authority	40,614,938	9,459,782	31,155,156	5,224,219	20,125,263	5,805,674
Environmental Conservation, Department of	7,148,310	2,134,100	5,014,210	4,404,454	185,776	423,980
Health, Department of	64,264,233	48,381,213	15,883,020	7,043,244	227,776	8,612,000
State Museum	10,096,183	8,556,407	1,539,776	1,467,628	17,125	55,023
Transportation, Department of	4,197,126	2,085,654	2,111,472	1,365,182	746,290	0
North Carolina	30,649,974	20,501,169	10,148,805	10,114,063	3,000	31,742
Agriculture and Consumer Services, Department of	17,947,847	13,544,847	4,403,000	4,400,000	3,000	0
Environment and Natural Resources, Department of	5,382,127	4,916,322	465,805	434,063	0	31,742
Transportation, Department of	7,320,000	2,040,000	5,280,000	5,280,000	0	0
North Dakota	7,364,184	429,670	6,934,514	4,770,522	1,678,992	485,000
Agriculture, Department of	82,238	0	82,238	82,238	0	0
Lignite Research Council	2,145,106	245,000	1,900,106	1,042,506	737,600	120,000

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Mineral Resources, Department of	65,000	20,000	45,000	25,000	20,000	0
Oil and Gas Program	1,447,730	45,863	1,401,867	981,867	180,000	240,000
Renewable Energy Research Program	645,926	36,204	609,722	278,222	256,500	75,000
Soybean Council	1,056,806	0	1,056,806	1,056,806	0	0
Transportation, Department of	584,875	82,603	502,272	17,380	484,892	0
Wheat Commission	1,336,503	0	1,336,503	1,286,503	0	50,000
Ohio	188,311,926	2,040,795	186,271,131	11,137,148	174,949,894	184,089
Development Services Agency	173,959,505	0	173,959,505	0	173,959,505	0
Mental Health and Addiction Services, Department of	320,000	320,000	0	0	0	0
Natural Resources, Department of	5,734,274	1,344,563	4,389,711	4,389,711	0	0
Transportation, Department of	8,298,147	376,232	7,921,915	6,747,437	990,389	184,089
Oklahoma	28,224,758	1,074,816	27,149,942	22,220,618	1,271,123	3,658,201
Advancement of Science and Technology, Center for the	8,795,761	0	8,795,761	4,497,560	650,000	3,648,201
Agriculture, Food, and Forestry, Department of	1,008,868	5,000	1,003,868	882,395	121,473	0
Grand River Dam Authority	100,000	100,000	0	0	0	0
Health, State Department of	834,153	16,153	818,000	818,000	0	0
Sorghum Commission	25,000	0	25,000	15,000	0	10,000
Tobacco Settlement Endowment Trust	8,271,695	0	8,271,695	8,271,695	0	0
Transportation, Department of	4,026,505	953,663	3,072,842	3,072,842	0	0
Wheat Commission	799,650	0	799,650	300,000	499,650	0
Wildlife Conservation, Department of	4,363,126	0	4,363,126	4,363,126	0	0
Oregon	23,083,506	19,524,508	3,558,998	3,036,359	187,550	335,089
Agriculture, Department of	330,243	0	330,243	74,272	0	255,971
Fish and Wildlife, Department of	14,034,000	13,974,000	60,000	60,000	0	0
Forestry, Department of	753,417	146,459	606,958	561,990	44,968	0
Geology and Mineral Industries, Department of	5,221,905	4,786,832	435,073	435,073	0	0
Transportation, Department of	2,639,702	592,096	2,047,606	1,905,024	142,582	0
Watershed Enhancement Board	104,239	25,121	79,118	0	0	79,118
Pennsylvania	66,429,400	6,675,458	59,753,942	36,145,510	12,964,338	10,644,094
Agriculture, Department of	786,545	0	786,545	564,634	0	221,911
Community and Economic Development, Department of	11,281,404	0	11,281,404	2,155,259	8,426,145	700,000
Conservation and Natural Resources, Department of	616,084	166,407	449,677	93,866	273,048	82,763
Environmental Protection, Department of	3,709,611	763,500	2,946,111	2,232,399	343,744	369,968
Fish and Boat Commission	737,805	664,712	73,093	5,388	0	67,705
Game Commission	4,762,801	4,517,420	245,381	245,381	0	0
Health, Department of	40,892,467	0	40,892,467	29,490,720	2,200,000	9,201,747
Transportation, Department of	3,642,683	563,419	3,079,264	1,357,863	1,721,401	0
Rhode Island	1,640,778	225,050	1,415,728	1,415,728	0	0
Commerce Corporation	810,541	0	810,541	810,541	0	0
Transportation, Department of	830,237	225,050	605,187	605,187	0	0
South Carolina	47,732,177	37,004,464	10,727,713	7,144,089	3,502,057	81,567
Agriculture, Department of	158,505	0	158,505	112,692	45,813	0
Mental Health, Department of	189,334	88,450	100,884	100,884	0	0
Natural Resources, Department of	35,068,126	33,965,413	1,102,713	1,102,713	0	0
Research Authority	9,055,708	2,643,670	6,412,038	2,874,227	3,456,244	81,567
Sea Grant Consortium	1,318,003	306,931	1,011,072	1,011,072	0	0
Transportation, Department of	1,942,501	0	1,942,501	1,942,501	0	0
South Dakota	3,660,854	114,425	3,546,429	2,110,564	1,418,365	17,500
Agriculture, Department of	75,000	0	75,000	75,000	0	0
Game, Fish and Parks	1,774,517	0	1,774,517	1,756,145	18,372	0
Transportation, Department of	1,811,337	114,425	1,696,912	279,419	1,399,993	17,500
Tennessee	3,430,476	784,848	2,645,628	2,645,628	0	0
Environment and Conservation, Division of Archaeology, Department of	58,348	58,348	0	0	0	0

TABLE 23. State agency expenditures for R&D, by state, department or agency, and performer: FY 2013
(Dollars)

Department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers			
			Total	Academic	Companies or individuals ^b	Other ^c
Environment and Conservation, Division of Remediation, Department of	706,500	706,500	0	0	0	0
Environment and Conservation, Division of Water Resources, Department of	160,000	20,000	140,000	140,000	0	0
Geological Survey	0	0	0	0	0	0
Transportation, Department of	2,505,628	0	2,505,628	2,505,628	0	0
Texas	185,199,541	11,746,259	173,453,282	160,260,834	12,419,381	773,067
Agriculture, Department of	1,695,975	0	1,695,975	1,569,819	0	126,156
Cancer Prevention and Research Institute	154,841,396	7,796,727	147,044,669	134,779,706	12,264,963	0
Environmental Quality, Commission on	1,000,000	0	1,000,000	1,000,000	0	0
Health and Human Services Commission	175,000	175,000	0	0	0	0
Parks and Wildlife Department	3,964,934	1,346,054	2,618,880	2,527,691	85,319	5,870
Transportation, Department of	20,671,237	1,460,851	19,210,386	19,210,386	0	0
Water Development Board	2,850,999	967,627	1,883,372	1,173,232	69,099	641,041
Utah	53,636,842	17,979,931	35,656,911	35,041,910	615,001	0
Health, Department of	79,931	79,931	0	0	0	0
Natural Resources, Department of	16,900,000	16,900,000	0	0	0	0
Science Technology and Research Initiative, Governor's Office of Economic Development	34,226,911	0	34,226,911	33,791,910	435,001	0
Transportation, Department of	2,430,000	1,000,000	1,430,000	1,250,000	180,000	0
Vermont	1,827,562	1,160,193	667,369	506,746	160,623	0
Agriculture, Food, and Markets, Agency of	717,564	649,064	68,500	34,250	34,250	0
Human Services, Agency of	170,780	170,780	0	0	0	0
Natural Resources, Agency of	102,379	94,663	7,716	7,716	0	0
Transportation, Agency of	836,839	245,686	591,153	464,780	126,373	0
Virginia	25,917,935	13,046,471	12,871,464	11,461,436	1,100,000	310,028
Agriculture and Consumer Services, Department	1,569,509	0	1,569,509	1,559,481	0	10,028
Consolidated Laboratory Services, Division of	118,000	118,000	0	0	0	0
Corrections, Department of	1,038,630	1,038,630	0	0	0	0
Forensic Science, Department of	143,396	143,396	0	0	0	0
Innovative Technology, Center for	3,320,000	220,000	3,100,000	1,700,000	1,100,000	300,000
Marine Resources Commission	2,655,774	0	2,655,774	2,655,774	0	0
Mines, Minerals and Energy, Department of	2,307,537	2,307,537	0	0	0	0
Natural History, Museum of	666,462	666,462	0	0	0	0
Transportation, Department of	14,098,627	8,552,446	5,546,181	5,546,181	0	0
Washington	47,122,876	12,820,150	34,302,726	28,032,951	4,314,094	1,955,681
Agriculture, Department of	464,626	0	464,626	335,455	116,119	13,052
Archaeology and Historic Preservation, Department of	372,376	372,376	0	0	0	0
Ecology, Department of	515,663	228,000	287,663	152,500	100,163	35,000
Fish and Wildlife, Department of	5,245,951	5,045,951	200,000	200,000	0	0
Grain Commission	2,821,984	0	2,821,984	2,821,984	0	0
Labor and Industries, Department of	2,998,176	2,998,176	0	0	0	0
Life Sciences Discovery Fund	19,586,521	1,348,000	18,238,521	18,238,521	0	0
Natural Resources, Department of	5,054,857	1,592,083	3,462,774	86,882	1,468,263	1,907,629
Potato Commission	986,084	116,400	869,684	869,684	0	0
Puget Sound Partnership	238,659	12,300	226,359	147,760	78,599	0
Red Raspberry Commission	164,600	0	164,600	150,100	14,500	0
Transportation, Department of	4,257,879	581,864	3,676,015	1,139,565	2,536,450	0
Tree Fruit Research Commission	4,025,000	525,000	3,500,000	3,500,000	0	0
Wine Commission	390,500	0	390,500	390,500	0	0
West Virginia	19,027,684	4,764,417	14,263,267	13,008,092	676,365	578,810
Agriculture, Department of	93,033	93,033	0	0	0	0
Geological and Economic Survey	2,904,573	1,252,692	1,651,881	396,706	676,365	578,810
Higher Education Policy Commission	13,289,192	677,806	12,611,386	12,611,386	0	0
Justice and Community Services, Division of	11,886	11,886	0	0	0	0

TABLE 23. State agency expenditures for R&D, by state, department or agency, and performer: FY 2013
(Dollars)

Department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers			
			Total	Academic	Companies or individuals ^b	Other ^c
Transportation, Department of	2,729,000	2,729,000	0	0	0	0
Wisconsin	21,212,446	7,402,664	13,809,782	3,681,533	7,792,839	2,335,410
Agriculture, Trade and Consumer Protection, Department of	640,941	104,851	536,090	498,875	37,215	0
Economic Development Corporation	7,462,000	0	7,462,000	0	7,462,000	0
Natural Resources, Department of	8,894,211	6,778,381	2,115,830	1,862,040	56,090	197,700
Transportation, Department of	4,215,294	519,432	3,695,862	1,320,618	237,534	2,137,710
Wyoming	6,497,386	3,001,092	3,496,294	3,146,799	219,495	130,000
Agriculture, Department of	252,098	0	252,098	122,098	0	130,000
Environmental Quality, Department of	100,000	0	100,000	100,000	0	0
Game and Fish Department	1,881,499	431,877	1,449,622	1,372,438	77,184	0
State Geological Survey	2,225,936	2,225,936	0	0	0	0
Transportation, Department of	1,637,853	343,279	1,294,574	1,152,263	142,311	0
Water Development Commission	400,000	0	400,000	400,000	0	0
Puerto Rico ^e	7,949,965	6,084,344	1,865,621	1,645,621	110,000	110,000
Agriculture, Department of	649,048	649,048	0	0	0	0
Education Council	565,621	0	565,621	565,621	0	0
Health, Department of	2,705,482	2,705,482	0	0	0	0
Highways and Transportation Authority	200,000	0	200,000	200,000	0	0
Hospital San Juan ^{f,g}	1,962,118	1,962,118	0	0	0	0
Institute of Statistics	37,601	37,601	0	0	0	0
Manufacturing Extension, Incorporated ^d	319,379	319,379	0	0	0	0
Mental Health and Anti-Addiction Services Administration ^f	410,716	410,716	0	0	0	0
Science, Technology and Research Trust	1,100,000	0	1,100,000	880,000	110,000	110,000

^a Intramural performers include employees within the same state department or agency in support of an internal R&D project.

^b Companies and individuals include individuals under contract for research projects.

^c Other includes federal government; nonprofit organizations; city, county, regional, or other local governments; other departments or agencies within the same state; and other state governments.

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

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

^f Data are provided as imputed by the Puerto Rico Institute of Statistics.

^g Operated by the San Juan municipal government.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FYs 2012 and 2013.