

TABLE 24. State agency expenditures for R&D, by state, department or agency, and performer: FY 2014
(Dollars)

Department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers			
			Total	Academic	Companies and individuals ^b	Other ^c
United States ^d	1,885,923,321	577,638,324	1,308,284,997	820,590,986	284,413,583	203,280,158
Alabama	18,532,534	4,589,652	13,942,882	8,273,271	0	5,669,611
Choctawhatchee, Pea and Yellow River Watershed Management Authority	6,340	0	6,340	0	0	6,340
Education, Department of	30,000	30,000	0	0	0	0
Forensic Sciences, Department of	72,431	72,431	0	0	0	0
Geological Survey	2,128,694	2,128,694	0	0	0	0
Innovation Fund	2,800,000	0	2,800,000	0	0	2,800,000
Marine Environmental Science Consortium, Dauphin Island Sea Lab	2,358,527	2,358,527	0	0	0	0
Supercomputer Authority	3,898,736	0	3,898,736	1,035,465	0	2,863,271
Transportation, Department of	7,237,806	0	7,237,806	7,237,806	0	0
Alaska	12,031,675	9,399,991	2,631,684	1,125,000	453,001	1,053,683
Natural Resources, Division of Geological and Geophysical Surveys, Department of	9,254,991	9,254,991	0	0	0	0
Transportation and Public Facilities, Department of	2,776,684	145,000	2,631,684	1,125,000	453,001	1,053,683
Arizona	18,820,149	8,953,596	9,866,553	3,830,463	5,982,788	53,302
Agriculture, Department of	1,063,107	0	1,063,107	1,056,350	0	6,757
Game and Fish Department	3,912,386	3,653,841	258,545	180,000	32,000	46,545
Geological Survey	3,701,000	3,701,000	0	0	0	0
Health Services, Department of	8,881,971	1,598,755	7,283,216	2,330,629	4,952,587	0
Transportation, Department of	1,261,685	0	1,261,685	263,484	998,201	0
Arkansas	14,994,903	708,544	14,286,359	13,947,662	338,697	0
Beef Council	10,000	0	10,000	10,000	0	0
Catfish Promotion Board	7,500	0	7,500	7,500	0	0
Corn and Grain Sorghum Board	777,000	0	777,000	777,000	0	0
Economic Development Commission	5,282,653	459,544	4,823,109	4,633,109	190,000	0
Rice Research and Promotion Board	2,545,040	0	2,545,040	2,545,040	0	0
Soybean Promotion Board	4,822,275	0	4,822,275	4,673,578	148,697	0
State Highway and Transportation Department	1,269,000	249,000	1,020,000	1,020,000	0	0
Wheat Promotion Board	281,435	0	281,435	281,435	0	0
California	321,958,885	53,984,295	267,974,590	165,066,530	48,781,646	54,126,414
Air Resources Board	17,307,789	10,263,477	7,044,312	6,044,312	0	1,000,000
Children and Families Commission	750,000	0	750,000	750,000	0	0
Corrections and Rehabilitation, Department of	6,500,000	6,500,000	0	0	0	0
Delta Stewardship Council	2,250,000	2,250,000	0	0	0	0
Energy Commission	18,393,000	0	18,393,000	6,989,340	9,196,500	2,207,160
Environmental Health Hazard Assessment, Office of	11,756,017	10,681,387	1,074,630	1,074,630	0	0
Fish and Wildlife, Department of	360,000	360,000	0	0	0	0
Food and Agriculture, Department of	3,879,645	0	3,879,645	2,850,927	985,684	43,034
Forestry and Fire Protection, Department of	803,866	452,546	351,320	76,753	0	274,567
Horse Racing Board	643,000	0	643,000	643,000	0	0
Industrial Relations, Department of	788,560	0	788,560	0	0	788,560
Institute for Regenerative Medicine	194,022,123	0	194,022,123	121,897,645	31,143,353	40,981,125
Motor Vehicles, Department of	2,042,738	1,579,165	463,573	463,573	0	0
Pesticide Regulation, Department of	9,072,000	6,151,000	2,921,000	1,382,000	0	1,539,000
Public Health, Environmental Health Laboratory Branch, Department of	300,000	300,000	0	0	0	0
Public Health, Food and Drug Branch, Science and Education, Department of	1,000,000	1,000,000	0	0	0	0
Public Health, Genetic Disease, Department of	603,000	603,000	0	0	0	0
Public Utilities Commission, Communications Division	364,610	0	364,610	364,610	0	0
Resources Recycling and Recovery, Department of	1,411,393	0	1,411,393	931,921	479,472	0
Seismic Safety Commission	99,980	0	99,980	99,980	0	0
Social Services, Department of	120,459	108,568	11,891	11,891	0	0
State Coastal Conservancy	183,200	0	183,200	0	0	183,200
State Water Resources Control Board	995,000	0	995,000	0	0	995,000

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Transportation, Department of	34,956,150	11,206,000	23,750,150	17,703,250	1,458,637	4,588,263
Water Resources, Department of	13,356,355	2,529,152	10,827,203	3,782,698	5,518,000	1,526,505
Colorado	15,745,589	8,178,672	7,566,917	4,096,592	2,322,790	1,147,535
Economic Development and International Trade, Office of	3,523,750	0	3,523,750	1,033,000	1,640,750	850,000
Higher Education Competitive, Research Authority	1,025,000	0	1,025,000	1,025,000	0	0
Natural Resources, Department of	6,611,921	6,325,713	286,208	58,673	0	227,535
Public Health and Environment, Department of	1,184,052	0	1,184,052	1,184,052	0	0
Public Safety, Department of	904,741	879,741	25,000	0	25,000	0
Transportation, Department of	2,224,576	701,669	1,522,907	795,867	657,040	70,000
Wine Industry Development Board	271,549	271,549	0	0	0	0
Connecticut	47,405,244	20,533,902	26,871,342	11,785,548	14,636,079	449,715
Agricultural Experiment Station	10,053,249	10,053,249	0	0	0	0
Energy and Environmental Protection, Department of	7,275,031	6,328,278	946,753	620,226	30,000	296,527
Green Bank	468,000	0	468,000	0	468,000	0
Innovation Inc.	12,185,315	0	12,185,315	0	12,185,315	0
Mental Health and Addiction Services, Department of	4,343,791	3,045,942	1,297,849	1,297,849	0	0
Public Health, Department of	8,184,667	5,715	8,178,952	6,073,000	1,952,764	153,188
Social Services, Department of	959,065	0	959,065	959,065	0	0
Transportation, Department of	3,936,126	1,100,718	2,835,408	2,835,408	0	0
Delaware	2,243,868	1,888,698	355,170	302,272	52,898	0
Geological Survey	1,884,248	1,834,248	50,000	50,000	0	0
Natural Resources and Environmental Control, Department of	104,407	54,450	49,957	49,957	0	0
Transportation, Department of	255,213	0	255,213	202,315	52,898	0
District of Columbia	3,136,271	1,444,007	1,692,264	1,401,130	151,134	140,000
Health, Department of	641,944	212,593	429,351	429,351	0	0
Transportation, Department of	794,327	331,414	462,913	341,779	121,134	0
Water and Sewer Authority	1,700,000	900,000	800,000	630,000	30,000	140,000
Florida	157,004,903	44,017,593	112,987,310	62,814,335	10,545,928	39,627,047
Agriculture and Consumer Services, Department of	28,745,442	3,029,127	25,716,315	6,052,894	6,254,620	13,408,801
Citrus, Department of	2,784,635	179,788	2,604,847	2,064,057	540,790	0
Environmental Protection, Department of	12,591	0	12,591	0	0	12,591
Fish and Wildlife Conservation Commission	45,157,246	40,808,678	4,348,568	1,782,018	2,360,895	205,655
Health, Department of	65,250,000	0	65,250,000	39,250,000	0	26,000,000
Space Florida	1,250,000	0	1,250,000	250,000	1,000,000	0
Transportation, Department of	13,804,989	0	13,804,989	13,415,366	389,623	0
Georgia	11,776,221	1,766,014	10,010,207	8,701,675	872,204	436,328
Environmental Finance Authority	435,875	0	435,875	0	435,875	0
Natural Resources Wildlife Division, Department of	2,148,305	176,451	1,971,854	1,099,197	436,329	436,328
Southern States Energy Board	3,096,465	1,589,563	1,506,902	1,506,902	0	0
Transportation, Department of	6,095,576	0	6,095,576	6,095,576	0	0
Hawaii	13,125,455	1,038,877	12,086,578	6,319,142	5,767,436	0
Agriculture, Department of	80,000	80,000	0	0	0	0
Business, Economic Development, and Tourism, Department of	4,967,972	0	4,967,972	667,972	4,300,000	0
Land and Natural Resources, Department of	6,929,035	798,484	6,130,551	4,663,115	1,467,436	0
Transportation, Department of	1,148,448	160,393	988,055	988,055	0	0
Idaho	12,862,935	6,783,779	6,079,156	3,847,393	649,172	1,582,591
Barley Commission	335,273	0	335,273	240,049	95,224	0
Bean Commission	23,424	0	23,424	23,424	0	0
Commerce, Department of	632,699	11,400	621,299	621,299	0	0
Environmental Quality, Department of	416,787	0	416,787	50,000	366,787	0
Fish and Game, Department of	7,358,733	6,545,979	812,754	365,195	0	447,559
Oilseed Commission	28,000	0	28,000	28,000	0	0
Pea and Lentil Commission	146,369	0	146,369	146,369	0	0

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Potato Commission	967,490	0	967,490	854,990	40,000	72,500
Transportation Department	2,161,329	214,900	1,946,429	810,262	121,695	1,014,472
Wheat Commission	792,831	11,500	781,331	707,805	25,466	48,060
Illinois	24,988,306	1,678,403	23,309,903	17,841,437	1,453,821	4,014,645
Children and Family Services, Department of	2,746,254	0	2,746,254	2,746,254	0	0
Commerce and Economic Opportunity, Department of	11,288,985	0	11,288,985	10,022,081	1,266,904	0
Housing Development Authority	2,040	2,040	0	0	0	0
Public Health, Department of	1,433,534	0	1,433,534	0	0	1,433,534
Transportation, Department of	9,517,493	1,676,363	7,841,130	5,073,102	186,917	2,581,111
Indiana	23,590,723	675,629	22,915,094	12,223,787	657,307	10,034,000
Criminal Justice Institute	640,000	240,000	400,000	400,000	0	0
Economic Development Corporation	12,078,594	0	12,078,594	1,421,287	657,307	10,000,000
Kankakee River Basin Commission	34,000	0	34,000	0	0	34,000
Natural Resources, Department of	250,000	0	250,000	250,000	0	0
St. Joseph River Basin Commission	3,694	3,694	0	0	0	0
Transportation, Department of	10,584,435	431,935	10,152,500	10,152,500	0	0
Iowa	10,357,010	3,884,026	6,472,984	5,470,629	1,002,355	0
Economic Development Authority, Energy Office	1,117,561	0	1,117,561	1,117,561	0	0
Human Rights, Criminal and Juvenile Justice Planning, Division of	522,607	522,607	0	0	0	0
Natural Resources, Department of	4,135,147	3,210,630	924,517	918,882	5,635	0
Transportation, Department of	4,581,695	150,789	4,430,906	3,434,186	996,720	0
Kansas	5,326,455	1,427,786	3,898,669	2,332,669	0	1,566,000
State Board of Regents	107,479	0	107,479	107,479	0	0
Transportation, Department of	3,923,777	1,427,786	2,495,991	1,095,991	0	1,400,000
Water Office	166,000	0	166,000	0	0	166,000
Wheat Commission	1,129,199	0	1,129,199	1,129,199	0	0
Kentucky	16,756,867	2,654,669	14,102,198	8,219,698	5,632,500	250,000
Early Childhood Development, Governor's Office of	295,898	0	295,898	295,898	0	0
Economic Development, Cabinet for	5,450,000	0	5,450,000	0	5,450,000	0
Education Professional Standards Board	247,964	247,964	0	0	0	0
Energy Development and Independence, Department for	1,753,100	0	1,753,100	1,503,100	0	250,000
Fish and Wildlife Resources, Department of	2,720,000	2,200,000	520,000	400,000	120,000	0
Highways, Department of	5,769,400	0	5,769,400	5,769,400	0	0
Horse Racing Commission	250,000	0	250,000	187,500	62,500	0
Public Health, Department for	61,800	0	61,800	61,800	0	0
State Nature Preserves Commission	23,300	21,300	2,000	2,000	0	0
Vocational Rehabilitation, Office of	185,405	185,405	0	0	0	0
Louisiana	18,778,159	8,785,247	9,992,912	5,027,333	2,715,114	2,250,465
Agriculture and Forestry, Department of	27,333	0	27,333	27,333	0	0
Coastal Protection and Restoration Authority	4,850,826	485,247	4,365,579	0	2,115,114	2,250,465
Transportation and Development, Department of	11,000,000	6,000,000	5,000,000	4,500,000	500,000	0
Wildlife and Fisheries, Department of	2,900,000	2,300,000	600,000	500,000	100,000	0
Maine	6,857,948	2,048,918	4,809,030	784,030	4,025,000	0
Agriculture, Conservation and Forestry, Department of	513,754	513,754	0	0	0	0
Environmental Protection, Department of	200,000	130,000	70,000	50,000	20,000	0
Health and Human Services, Department of	39,688	39,688	0	0	0	0
Marine Resources, Department of	1,236,506	1,126,476	110,030	110,030	0	0
Technology Institute	4,000,000	0	4,000,000	0	4,000,000	0
Transportation, Department of	868,000	239,000	629,000	624,000	5,000	0
Maryland	29,981,260	906,472	29,074,788	26,974,788	2,100,000	0
Health and Mental Hygiene, Department of	13,000,000	0	13,000,000	13,000,000	0	0
Natural Resources, Department of	834,164	616,472	217,692	217,692	0	0

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Technology Development Corporation	14,400,000	0	14,400,000	12,400,000	2,000,000	0
Transportation, Department of	1,747,096	290,000	1,457,096	1,357,096	100,000	0
Massachusetts	18,259,928	10,934,792	7,325,136	3,534,499	2,506,948	1,283,689
Agriculture, Department of	34,227	0	34,227	34,227	0	0
Clean Energy Center	2,590,446	0	2,590,446	165,802	1,800,644	624,000
Environmental Protection, Department of	181,452	117,732	63,720	33,870	29,850	0
Fish and Game, Department of	11,172,250	10,709,250	463,000	144,000	319,000	0
Mass Life Science Center	1,107,482	0	1,107,482	812,226	295,256	0
Mental Health, Department of	1,756,445	7,810	1,748,635	1,748,635	0	0
Public Health, Department of	1,217,626	0	1,217,626	495,739	62,198	659,689
Water Resources Authority	200,000	100,000	100,000	100,000	0	0
Michigan	12,252,555	626,768	11,625,787	8,417,862	1,575,448	1,632,477
Agriculture and Rural Development, Department of	3,190,880	0	3,190,880	1,182,955	475,448	1,532,477
Environmental Quality, Department of	213	0	213	213	0	0
Natural Resources, Department of	3,561,462	626,768	2,934,694	2,834,694	0	100,000
Transportation, Department of	5,500,000	0	5,500,000	4,400,000	1,100,000	0
Minnesota	19,378,825	2,284,757	17,094,068	11,362,598	3,211,644	2,519,826
Agriculture, Department of	4,846,071	2,005,559	2,840,512	1,619,197	932,420	288,895
Employment and Economic Development, Department of	2,500,000	0	2,500,000	2,500,000	0	0
Forest Resources Council	90,000	65,000	25,000	25,000	0	0
Pollution Control Agency	273,994	0	273,994	12,478	240,191	21,325
Transportation, Department of	11,668,760	214,198	11,454,562	7,205,923	2,039,033	2,209,606
Mississippi	1,313,376	510,446	802,930	425,294	377,636	0
Transportation, Department of	475,147	7,681	467,466	239,962	227,504	0
Wildlife, Fisheries, and Parks, Department of	838,229	502,765	335,464	185,332	150,132	0
Missouri	8,436,666	1,005,924	7,430,742	4,583,533	204,729	2,642,480
Agriculture, Department of	711,626	0	711,626	711,626	0	0
Conservation, Department of	3,025,190	840,442	2,184,748	2,022,703	0	162,045
Health and Senior Services, Department of	21,534	21,534	0	0	0	0
Natural Resources, Department of	693,277	143,948	549,329	440,174	9,340	99,815
Transportation, Department of	3,985,039	0	3,985,039	1,409,030	195,389	2,380,620
Montana	10,428,010	2,238,501	8,189,509	7,015,284	313,350	860,875
Agriculture, Department of	2,409,883	0	2,409,883	2,409,883	0	0
Environmental Quality, Department of	293,361	110,753	182,608	142,124	33,968	6,516
Fish, Wildlife and Parks	2,754,248	2,044,748	709,500	709,500	0	0
Natural Resources and Conservation, Department of	209,882	0	209,882	199,882	0	10,000
Research and Commercialization, Board of	1,108,929	0	1,108,929	897,547	211,382	0
Transportation, Department of	1,418,000	83,000	1,335,000	475,000	68,000	792,000
Wheat and Barley Committee	2,233,707	0	2,233,707	2,181,348	0	52,359
Nebraska	6,621,771	769,135	5,852,636	2,409,361	3,443,275	0
Agriculture, Department of	471,752	380,711	91,041	0	91,041	0
Corn Board	601,604	0	601,604	601,604	0	0
Dry Bean Commission	160,059	0	160,059	160,059	0	0
Economic Development, Department of	3,341,314	0	3,341,314	0	3,341,314	0
Grain Sorghum Board	10,000	0	10,000	10,000	0	0
Natural Resources, Department of	177,710	134,089	43,621	32,701	10,920	0
Roads, Department of	1,511,003	254,335	1,256,668	1,256,668	0	0
Wheat Board	348,329	0	348,329	348,329	0	0
Nevada	3,438,157	9,927	3,428,230	1,899,860	1,528,370	0
Alfalfa Seed Advisory Board	10,000	0	10,000	10,000	0	0
Commission on Mineral Resources, Division of Minerals	100,000	0	100,000	100,000	0	0
Transportation, Department of	3,257,663	0	3,257,663	1,729,293	1,528,370	0
Wildlife, Department of	70,494	9,927	60,567	60,567	0	0

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New Hampshire	1,448,090	84,253	1,363,837	633,272	0	730,565
Agriculture, Markets and Food, Department of	138,837	0	138,837	92,972	0	45,865
Environmental Services, Department of	219,853	69,853	150,000	150,000	0	0
Resources and Economic Development, Department of	300,000	0	300,000	300,000	0	0
Transportation, Department of	789,400	14,400	775,000	90,300	0	684,700
New Jersey	30,384,821	1,814,000	28,570,821	24,101,713	535,722	3,933,386
Brain Injury Research, Commission on	3,953,357	0	3,953,357	3,193,384	0	759,973
Cancer Research, Commission on	591,000	0	591,000	591,000	0	0
Environmental Protection, Department of	3,162,639	1,814,000	1,348,639	1,348,639	0	0
Health, Department of	13,323,746	0	13,323,746	12,229,536	0	1,094,210
Medical Research and Treatment of Autism, Governor's Council for	2,862,556	0	2,862,556	2,065,451	0	797,105
Spinal Cord Research, Commission on	2,804,045	0	2,804,045	2,158,434	0	645,611
Transportation, Department of	3,687,478	0	3,687,478	2,515,269	535,722	636,487
New Mexico	49,805,916	2,462,904	47,343,012	47,069,012	274,000	0
Cultural Affairs, Department of	1,156,400	1,156,400	0	0	0	0
Game and Fish, Department of	1,000,000	500,000	500,000	500,000	0	0
Higher Education Department	45,630,800	0	45,630,800	45,630,800	0	0
Miners' Colfax Medical Center	15,000	11,050	3,950	3,950	0	0
State Engineer, Water Resource Allocation Program, Office of	81,699	42,194	39,505	39,505	0	0
Transportation, Department of	1,922,017	753,260	1,168,757	894,757	274,000	0
New York	371,224,749	258,603,078	112,621,671	74,397,178	22,634,357	15,590,136
Agriculture and Markets, Department of	3,390,676	2,000,000	1,390,676	1,340,154	0	50,522
Economic Development, Department of	48,029,330	772,000	47,257,330	36,609,330	0	10,648,000
Energy Research and Development Authority	41,546,339	10,509,511	31,036,828	5,739,770	21,075,472	4,221,586
Environmental Conservation, Department of	6,069,764	3,149,157	2,920,607	2,920,607	0	0
Health, Department of	48,273,199	37,169,367	11,103,832	10,528,238	95,948	479,646
Mental Health, Office of	137,561,179	123,935,946	13,625,233	13,625,233	0	0
People with Developmental Disabilities, Office of	4,890,436	4,890,436	0	0	0	0
Power Authority	213,846	50,983	162,863	0	162,863	0
Roswell Park Cancer Institute	66,300,000	66,300,000	0	0	0	0
State Museum	10,471,818	8,261,844	2,209,974	1,952,132	67,460	190,382
Thoroughbred Breeding and Development Fund Corp.	441,928	0	441,928	441,928	0	0
Transportation, Department of	4,036,234	1,563,834	2,472,400	1,239,786	1,232,614	0
North Carolina	22,114,350	14,136,872	7,977,478	6,247,478	100,000	1,630,000
Agriculture and Consumer Services, Department of	13,000,000	12,000,000	1,000,000	900,000	100,000	0
Environmental Quality, Department of	1,886,893	1,471,306	415,587	415,587	0	0
Golden LEAF	189,391	0	189,391	189,391	0	0
Transportation, Department of	6,988,066	665,566	6,322,500	4,692,500	0	1,630,000
Wine and Grape Growers Council	50,000	0	50,000	50,000	0	0
North Dakota	10,784,572	1,373,563	9,411,009	7,179,950	1,006,186	1,224,873
Agriculture, Department of	112,689	0	112,689	112,689	0	0
Game and Fish, Department of	825,000	825,000	0	0	0	0
Lignite Research Council	1,419,359	312,500	1,106,859	622,859	444,000	40,000
Oil and Gas Research Program	3,958,048	112,557	3,845,491	3,278,400	25,000	542,091
Renewable Energy Research Program	1,481,149	67,976	1,413,173	791,787	537,186	84,200
Soybean Council	1,288,295	0	1,288,295	1,288,295	0	0
Transportation, Department of	596,824	55,530	541,294	32,712	0	508,582
Wheat Commission	1,103,208	0	1,103,208	1,053,208	0	50,000
Ohio	94,882,275	965,440	93,916,835	8,098,828	85,427,147	390,860
Development Services Agency	84,085,784	0	84,085,784	0	84,085,784	0
Mental Health and Addiction Services, Department of	820,000	190,000	630,000	630,000	0	0
Natural Resources, Department of	1,395,527	770,440	625,087	625,087	0	0
Transportation, Department of	7,645,421	5,000	7,640,421	6,158,954	1,341,363	140,104
Water Development Authority	935,543	0	935,543	684,787	0	250,756

TABLE 24. State agency expenditures for R&D, by state, department or agency, and performer: FY 2014
(Dollars)

Department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers			
			Total	Academic	Companies and individuals ^b	Other ^c
Oklahoma	30,473,702	370,925	30,102,777	22,753,928	4,450,114	2,898,735
Advancement of Science and Technology, Center for the	10,606,717	0	10,606,717	5,401,000	4,420,114	785,603
Agriculture, Food, and Forestry, Department of	701,688	0	701,688	671,688	30,000	0
Grand River Dam Authority	100,000	0	100,000	100,000	0	0
Health, State Department of	170,925	25,925	145,000	145,000	0	0
Human Services, Department of	350,000	345,000	5,000	5,000	0	0
Sorghum Commission	60,000	0	60,000	60,000	0	0
Tobacco Settlement Endowment Trust	9,187,444	0	9,187,444	7,074,312	0	2,113,132
Transportation, Department of	4,588,928	0	4,588,928	4,588,928	0	0
Wheat Commission	308,000	0	308,000	308,000	0	0
Wildlife Conservation, Department of	4,400,000	0	4,400,000	4,400,000	0	0
Oregon	29,679,288	15,547,309	14,131,979	5,696,628	428,686	8,006,665
Agriculture, Department of	192,060	0	192,060	47,424	0	144,636
Business Development Department	10,650,000	0	10,650,000	3,700,000	0	6,950,000
Energy, Department of	159,464	98,148	61,316	0	57,545	3,771
Environmental Quality, Department of	75,000	15,000	60,000	55,000	5,000	0
Fish and Wildlife, Department of	14,644,063	14,540,063	104,000	104,000	0	0
Forestry, Department of	871,221	677,205	194,016	131,195	57,188	5,633
Transportation, Department of	1,540,000	99,000	1,441,000	1,397,047	43,953	0
Water Resources Department	125,000	100,000	25,000	0	15,000	10,000
Watershed Enhancement Board	1,422,480	17,893	1,404,587	261,962	250,000	892,625
Pennsylvania	35,432,244	7,012,137	28,420,107	5,189,177	6,322,440	16,908,490
Agriculture, Department of	787,000	0	787,000	632,600	0	154,400
Community and Economic Development, Department of	15,748,000	0	15,748,000	600,000	750,000	14,398,000
Conservation and Natural Resources, Department of	266,763	148,485	118,278	0	118,278	0
Education, Department of	30,000	30,000	0	0	0	0
Energy Development Authority	110,515	0	110,515	0	110,515	0
Environmental Protection, Department of	2,740,046	612,179	2,127,867	986,648	605,137	536,082
Fish and Boat Commission	304,243	184,093	120,150	72,590	0	47,560
Game Commission	6,265,856	5,478,631	787,225	706,277	10,000	70,948
Health, Department of	5,400,000	0	5,400,000	1,000,000	2,700,000	1,700,000
Susquehanna River Basin Commission	683,824	558,749	125,075	1,750	121,825	1,500
Transportation, Department of	3,095,997	0	3,095,997	1,189,312	1,906,685	0
Rhode Island	3,225,472	389,829	2,835,643	1,645,807	1,134,836	55,000
Atomic Energy Commission	2,000	2,000	0	0	0	0
Commerce Corporation	1,591,473	0	1,591,473	1,225,434	366,039	0
Transportation, Department of	1,576,999	387,829	1,189,170	420,373	768,797	0
Water Resources Board	55,000	0	55,000	0	0	55,000
South Carolina	22,311,739	17,374,915	4,936,824	3,185,262	678,793	1,072,769
Agriculture, Department of	396,576	0	396,576	396,576	0	0
Mental Health, Department of	100,884	0	100,884	100,884	0	0
Natural Resources, Department of	16,932,717	16,188,473	744,244	176,485	66,848	500,911
Research Authority	2,637,564	1,172,568	1,464,996	853,051	611,945	0
Sea Grant Consortium	670,990	0	670,990	563,050	0	107,940
Transportation, Department of	1,573,008	13,874	1,559,134	1,095,216	0	463,918
South Dakota	5,067,005	220,000	4,847,005	3,053,277	1,298,728	495,000
Corn Utilization Council	1,400,000	0	1,400,000	1,120,000	0	280,000
Oilseeds Council	60,000	0	60,000	60,000	0	0
Pork Producers Council	15,000	0	15,000	15,000	0	0
Science and Technology Authority	3,779	0	3,779	3,779	0	0
Soybean Research and Promotion Council	1,197,622	0	1,197,622	1,027,622	0	170,000
Transportation, Department of	1,843,604	220,000	1,623,604	279,876	1,298,728	45,000
Weed and Pest Control Commission	47,000	0	47,000	47,000	0	0
Wheat Commission	500,000	0	500,000	500,000	0	0

TABLE 24. State agency expenditures for R&D, by state, department or agency, and performer: FY 2014
(Dollars)

Department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers			
			Total	Academic	Companies and individuals ^b	Other ^c
Tennessee	4,363,565	563,092	3,800,473	3,800,473	0	0
Environment and Conservation, Department of	290,224	270,224	20,000	20,000	0	0
Geological Survey	292,868	292,868	0	0	0	0
Transportation, Department of	3,780,473	0	3,780,473	3,780,473	0	0
Texas	162,287,552	2,673,588	159,613,964	122,518,992	28,725,454	8,369,518
Agriculture, Department of	1,417,500	0	1,417,500	949,000	124,500	344,000
Cancer Prevention and Research Institute	127,133,911	0	127,133,911	95,914,053	24,667,364	6,552,494
Council on Alzheimer's Disease	4,750,000	0	4,750,000	4,750,000	0	0
Environmental Quality, Commission on	1,000,000	0	1,000,000	1,000,000	0	0
Parks and Wildlife Department	9,907,770	2,673,588	7,234,182	4,743,565	2,456,866	33,751
Transportation, Department of	13,640,184	0	13,640,184	13,640,184	0	0
Water Development Board	4,438,187	0	4,438,187	1,522,190	1,476,724	1,439,273
Utah	36,466,790	17,924,476	18,542,314	17,866,618	567,409	108,287
Agriculture and Food, Department of	355,984	16,667	339,317	232,570	0	106,747
Economic Development	1,363,375	0	1,363,375	896,026	465,809	1,540
Natural Resources, Department of	17,000,000	17,000,000	0	0	0	0
Science Technology and Research Initiative, Governor's Office of Economic Development	16,597,431	293,709	16,303,722	16,303,722	0	0
Transportation, Department of	1,150,000	614,100	535,900	434,300	101,600	0
Vermont	2,039,520	534,520	1,505,000	882,835	534,515	87,650
Agriculture, Food, and Markets, Agency of	549,826	184,840	364,986	218,990	145,996	0
Human Services, Agency of	170,047	170,047	0	0	0	0
Natural Resources, Agency of	197,945	0	197,945	110,295	0	87,650
Public Service Department	113,837	15,000	98,837	0	98,837	0
Transportation, Agency of	1,007,865	164,633	843,232	553,550	289,682	0
Virginia	38,456,410	10,129,948	28,326,462	21,302,482	1,839,928	5,184,052
Aging and Rehabilitation, Department of	30,325	30,325	0	0	0	0
Agriculture and Consumer Services, Department of	700,636	0	700,636	688,636	0	12,000
Commonwealth Health Research Board	692,409	0	692,409	593,771	0	98,638
Environmental Quality, Department of	2,188,242	0	2,188,242	918,620	0	1,269,622
Forensic Science, Department of	267,000	267,000	0	0	0	0
Forestry, Department of	396,188	0	396,188	23,230	372,958	0
Foundation for Healthy Youth	773,023	0	773,023	773,023	0	0
Game and Inland Fisheries, Department of	1,875,188	0	1,875,188	1,685,753	4,970	184,465
General Services, Department of	40,000	40,000	0	0	0	0
Innovative Technology, Center for	5,006,000	806,000	4,200,000	2,930,000	912,000	358,000
Marine Resources Commission	2,606,910	0	2,606,910	2,606,910	0	0
Mines, Minerals and Energy, Department of	1,857,504	1,307,504	550,000	0	550,000	0
Natural History, Museum of	701,545	701,545	0	0	0	0
Social Services, Department of	20,000	20,000	0	0	0	0
Tobacco Region Revitalization Commission	8,521,485	0	8,521,485	5,260,158	0	3,261,327
Transportation, Department of	12,779,955	6,957,574	5,822,381	5,822,381	0	0
Washington	38,277,525	9,824,415	28,453,110	25,749,496	856,389	1,847,225
Agriculture, Department of	1,264,557	0	1,264,557	900,053	81,127	283,377
Alfalfa Seed Commission	32,000	0	32,000	32,000	0	0
Archaeology and Historic Preservation, Department of	335,280	335,280	0	0	0	0
Asparagus Commission	57,000	0	57,000	57,000	0	0
Beef Commission	20,000	0	20,000	20,000	0	0
Blueberry Commission	149,905	0	149,905	149,905	0	0
Cranberry Commission	14,358	0	14,358	14,358	0	0
Dairy Products Commission	80,200	0	80,200	30,342	13,301	36,557
Dry Pea and Lentil Commission	245,843	0	245,843	245,843	0	0
Ecology, Department of	380,786	245,100	135,686	135,686	0	0
Fish and Wildlife, Department of	4,977,664	4,977,664	0	0	0	0

TABLE 24. State agency expenditures for R&D, by state, department or agency, and performer: FY 2014
(Dollars)

Department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers			
			Total	Academic	Companies and individuals ^b	Other ^c
Fruit Commission	8,000	0	8,000	8,000	0	0
Grain Commission	2,351,631	0	2,351,631	2,351,631	0	0
Hop Commission	158,986	0	158,986	158,986	0	0
Labor and Industries, Department of	2,632,593	2,632,593	0	0	0	0
Life Sciences Discovery Fund	11,904,246	0	11,904,246	11,904,246	0	0
Mint Commission	34,605	0	34,605	34,605	0	0
Natural Resources, Department of	3,180,045	1,621,478	1,558,567	214,594	0	1,343,973
Oilseeds Commission	9,000	0	9,000	9,000	0	0
Pesticide Registration, Commission of	385,113	0	385,113	385,113	0	0
Potato Commission	833,671	0	833,671	833,671	0	0
Puget Sound Partnership	727,600	12,300	715,300	6,395	543,187	165,718
Red Raspberry Commission	262,429	0	262,429	226,055	18,774	17,600
Seed Potato Commission	17,263	0	17,263	17,263	0	0
Transportation, Department of	5,450,000	0	5,450,000	5,250,000	200,000	0
Tree Fruit Research Commission	2,540,000	0	2,540,000	2,540,000	0	0
Turfgrass Commission	42,000	0	42,000	42,000	0	0
Wine Commission	182,750	0	182,750	182,750	0	0
West Virginia	9,705,200	3,787,754	5,917,446	4,585,961	605,696	725,789
Geological and Economic Survey	4,555,155	2,824,578	1,730,577	399,092	605,696	725,789
Higher Education Policy Commission	5,137,488	950,619	4,186,869	4,186,869	0	0
Justice and Community Services, Division of	12,557	12,557	0	0	0	0
Wisconsin	14,643,835	6,279,098	8,364,737	3,058,544	3,461,476	1,844,717
Agriculture, Trade and Consumer Protection, Department of	616,740	0	616,740	476,439	85,060	55,241
Economic Development Corporation	3,000,000	0	3,000,000	0	3,000,000	0
Natural Resources, Department of	7,183,900	5,782,900	1,401,000	1,401,000	0	0
Transportation, Department of	3,843,195	496,198	3,346,997	1,181,105	376,416	1,789,476
Wyoming	6,444,053	1,837,188	4,606,865	1,540,400	2,230,707	835,758
Agriculture, Department of	225,000	0	225,000	125,000	0	100,000
Enhanced Oil Recovery Commission	250,000	0	250,000	250,000	0	0
Game and Fish Department	1,857,846	1,563,953	293,893	293,893	0	0
State Engineer, Office of	100,000	0	100,000	0	100,000	0
State Geological Survey	265,471	265,471	0	0	0	0
Transportation, Department of	1,230,873	7,764	1,223,109	12,060	1,211,049	0
Water Development Commission	2,373,863	0	2,373,863	718,447	919,658	735,758
Wildlife and Natural Resources Trust	141,000	0	141,000	141,000	0	0
Puerto Rico ^e	6,569,500	5,193,888	1,375,612	844,987	530,625	0
Agriculture, Department of ^f	550,000	550,000	0	0	0	0
Health, Department of	165,922	165,922	0	0	0	0
Highways and Transportation Authority	560,000	560,000	0	0	0	0
Hospital San Juan ^g	2,000,000	2,000,000	0	0	0	0
Institute of Statistics	617,966	617,966	0	0	0	0
Manufacturing Extension, Incorporated ^f	319,378	0	319,378	0	319,378	0
Mental Health and Anti-Addiction Services Administration ^f	1,200,000	1,200,000	0	0	0	0
Natural Resources, Department of	100,000	100,000	0	0	0	0
Science, Technology and Research Trust ^f	1,056,234	0	1,056,234	844,987	211,247	0

^a Intramural performers include a department's or agency's own employees who perform R&D and services performed by others 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; 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 2014 and 2015.