

TABLE 25. State agency expenditures for R&D, by state, department or agency, and performer: FY 2015  
(Dollars)

Department or agency	All R&D expenditures	Intramural performers <sup>a</sup>	Extramural performers			
			Total	Academic	Companies and individuals <sup>b</sup>	Other <sup>c</sup>
United States <sup>d</sup>	2,205,146,613	581,667,140	1,623,479,473	951,095,709	449,158,167	223,225,597
Alabama	24,486,963	6,167,637	18,319,326	14,702,754	0	3,616,572
Choctawhatchee, Pea and Yellow River Watershed Management Authority	6,340	0	6,340	0	0	6,340
Education, Department of	46,000	46,000	0	0	0	0
Forensic Sciences, Department of	120,724	120,724	0	0	0	0
Geological Survey	2,355,251	2,355,251	0	0	0	0
Innovation Fund	5,950,371	0	5,950,371	5,202,571	0	747,800
Marine Environmental Science Consortium, Dauphin Island Sea Lab	3,645,662	3,645,662	0	0	0	0
Supercomputer Authority	3,788,249	0	3,788,249	925,817	0	2,862,432
Transportation, Department of	8,574,366	0	8,574,366	8,574,366	0	0
Alaska	11,258,203	9,464,543	1,793,660	567,720	435,000	790,940
Natural Resources, Division of Geological and Geophysical Surveys, Department of	9,257,543	9,257,543	0	0	0	0
Transportation and Public Facilities, Department of	2,000,660	207,000	1,793,660	567,720	435,000	790,940
Arizona	14,942,124	8,268,168	6,673,956	2,377,380	4,211,395	85,181
Agriculture, Department of	818,816	0	818,816	769,216	0	49,600
Game and Fish Department	4,313,702	4,059,121	254,581	191,000	28,000	35,581
Geological Survey	3,256,000	3,256,000	0	0	0	0
Health Services, Department of	5,294,706	953,047	4,341,659	1,389,331	2,952,328	0
Transportation, Department of	1,258,900	0	1,258,900	27,833	1,231,067	0
Arkansas	16,642,711	660,969	15,981,742	15,281,405	700,337	0
Beef Council	40,750	0	40,750	40,750	0	0
Catfish Promotion Board	27,560	0	27,560	27,560	0	0
Corn and Grain Sorghum Board	779,000	0	779,000	779,000	0	0
Economic Development Commission	8,067,653	444,969	7,622,684	7,042,684	580,000	0
Rice Research and Promotion Board	2,996,500	0	2,996,500	2,996,500	0	0
Soybean Promotion Board	3,100,707	0	3,100,707	2,980,370	120,337	0
State Highway and Transportation Department	1,486,000	216,000	1,270,000	1,270,000	0	0
Wheat Promotion Board	144,541	0	144,541	144,541	0	0
California	500,071,595	55,223,244	444,848,351	207,483,829	170,379,215	66,985,307
Air Resources Board	18,218,725	10,803,660	7,415,065	6,815,065	0	600,000
Children and Families Commission	935,000	0	935,000	750,000	0	185,000
Community Services and Development, Department of	100,000	0	100,000	0	0	100,000
Corrections and Rehabilitation, Department of	6,300,000	6,300,000	0	0	0	0
Delta Stewardship Council	2,850,000	2,850,000	0	0	0	0
Energy Commission	194,354,000	0	194,354,000	38,870,800	132,160,720	23,322,480
Environmental Health Hazard Assessment, Office of	11,795,522	11,366,608	428,914	428,914	0	0
Fish and Wildlife, Department of	360,000	360,000	0	0	0	0
Food and Agriculture, Department of	4,041,669	0	4,041,669	3,906,224	47,347	88,098
Forestry and Fire Protection, Department of	1,143,564	469,909	673,655	337,381	0	336,274
Horse Racing Board	659,000	0	659,000	659,000	0	0
Industrial Relations, Department of	40,682	0	40,682	40,682	0	0
Institute for Regenerative Medicine	198,649,268	0	198,649,268	131,018,792	33,032,265	34,598,211
Motor Vehicles, Department of	1,287,082	1,175,660	111,422	111,422	0	0
Pesticide Regulation, Department of	10,211,000	6,179,000	4,032,000	2,164,000	0	1,868,000
Public Health, Environmental Health Laboratory Branch, Department of	250,000	250,000	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	1,135,474	0	1,135,474	1,135,474	0	0
Resources Recycling and Recovery, Department of	1,844,832	0	1,844,832	412,804	1,432,028	0
Seismic Safety Commission	920,490	0	920,490	870,990	49,500	0
Social Services, Department of	100,826	100,826	0	0	0	0
State Coastal Conservancy	73,833	5,000	68,833	0	0	68,833

TABLE 25. State agency expenditures for R&D, by state, department or agency, and performer: FY 2015  
(Dollars)

Department or agency	All R&D expenditures	Intramural performers <sup>a</sup>	Extramural performers			
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State Water Resources Control Board	650,000	0	650,000	0	0	650,000
Transportation, Department of	34,951,005	11,703,000	23,248,005	16,860,994	1,298,355	5,088,656
Water Resources, Department of	7,596,623	2,056,581	5,540,042	3,101,287	2,359,000	79,755
Colorado	16,321,056	8,467,517	7,853,539	3,780,835	3,144,565	928,139
Economic Development and International Trade, Office of	2,809,069	0	2,809,069	108,500	2,217,000	483,569
Higher Education Competitive, Research Authority	2,314,761	0	2,314,761	2,314,761	0	0
Natural Resources, Department of	6,928,752	6,288,045	640,707	196,137	0	444,570
Public Health and Environment, Department of	1,156,437	200,000	956,437	956,437	0	0
Public Safety, Department of	992,092	909,092	83,000	0	83,000	0
Transportation, Department of	1,896,210	846,645	1,049,565	205,000	844,565	0
Wine Industry Development Board	223,735	223,735	0	0	0	0
Connecticut	55,816,528	21,885,609	33,930,919	19,905,962	13,809,727	215,230
Aging, Department on	62,752	0	62,752	62,752	0	0
Agricultural Experiment Station	10,842,422	10,842,422	0	0	0	0
Energy and Environmental Protection, Department of	6,725,328	5,900,448	824,880	596,059	66,461	162,360
Innovation Inc.	18,820,358	0	18,820,358	6,300,000	12,520,358	0
Mental Health and Addiction Services, Department of	5,203,948	4,021,385	1,182,563	1,182,563	0	0
Public Health, Department of	7,387,895	3,874	7,384,021	6,108,243	1,222,908	52,870
Social Services, Department of	1,363,958	0	1,363,958	1,363,958	0	0
Transportation, Department of	5,409,867	1,117,480	4,292,387	4,292,387	0	0
Delaware	2,199,635	1,709,791	489,844	419,629	70,215	0
Geological Survey	1,672,991	1,622,991	50,000	50,000	0	0
Natural Resources and Environmental Control, Department of	375,023	76,800	298,223	248,224	49,999	0
Sustainable Energy Unit	10,000	10,000	0	0	0	0
Transportation, Department of	141,621	0	141,621	121,405	20,216	0
District of Columbia	3,216,073	1,541,038	1,675,035	1,125,035	400,000	150,000
Health, Department of	312,696	145,330	167,366	167,366	0	0
Transportation, Department of	903,377	395,708	507,669	407,669	100,000	0
Water and Sewer Authority	2,000,000	1,000,000	1,000,000	550,000	300,000	150,000
Florida	191,598,669	45,015,557	146,583,112	86,084,927	15,800,070	44,698,115
Agriculture and Consumer Services, Department of	29,138,531	2,905,288	26,233,243	6,925,796	11,093,710	8,213,737
Citrus, Department of	3,435,397	133,351	3,302,046	3,269,682	32,364	0
Fish and Wildlife Conservation Commission	46,840,673	41,976,918	4,863,755	1,170,116	3,388,174	305,465
Health, Department of	101,063,013	0	101,063,013	64,884,100	0	36,178,913
Space Florida	1,350,000	0	1,350,000	350,000	1,000,000	0
Transportation, Department of	9,771,055	0	9,771,055	9,485,233	285,822	0
Georgia	10,052,848	1,709,229	8,343,619	6,419,803	1,600,096	323,720
Environmental Finance Authority	1,276,375	0	1,276,375	0	1,276,375	0
Natural Resources Wildlife Division, Department of	1,785,933	194,020	1,591,913	944,472	323,721	323,720
Southern States Energy Board	3,148,268	1,515,209	1,633,059	1,633,059	0	0
Transportation, Department of	3,842,272	0	3,842,272	3,842,272	0	0
Hawaii	11,520,961	1,659,573	9,861,388	6,609,154	3,252,234	0
Agriculture, Department of	60,000	60,000	0	0	0	0
Business, Economic Development, and Tourism, Department of	2,273,071	0	2,273,071	773,071	1,500,000	0
Land and Natural Resources, Department of	7,849,438	1,336,076	6,513,362	4,761,128	1,752,234	0
Transportation, Department of	1,338,452	263,497	1,074,955	1,074,955	0	0
Idaho	12,935,976	6,469,463	6,466,513	4,116,233	952,905	1,397,375
Barley Commission	346,105	0	346,105	219,672	126,433	0
Bean Commission	65,930	0	65,930	34,430	0	31,500
Commerce, Department of	964,154	13,300	950,854	950,854	0	0
Environmental Quality, Department of	620,407	0	620,407	0	373,182	247,225
Fish and Game, Department of	7,051,382	6,161,747	889,635	519,722	0	369,913
Oilseed Commission	30,000	0	30,000	30,000	0	0

TABLE 25. State agency expenditures for R&D, by state, department or agency, and performer: FY 2015  
(Dollars)

Department or agency	All R&D expenditures	Intramural performers <sup>a</sup>	Extramural performers			
			Total	Academic	Companies and individuals <sup>b</sup>	Other <sup>c</sup>
Pea and Lentil Commission	144,725	0	144,725	144,725	0	0
Potato Commission	1,038,040	0	1,038,040	962,404	0	75,636
Transportation Department	1,436,567	186,916	1,249,651	353,760	253,290	642,601
Water Resources, Department of	300,000	100,000	200,000	0	200,000	0
Wheat Commission	938,666	7,500	931,166	900,666	0	30,500
<b>Illinois</b>	<b>30,817,406</b>	<b>1,550,890</b>	<b>29,266,516</b>	<b>16,711,913</b>	<b>7,639,281</b>	<b>4,915,322</b>
Children and Family Services, Department of	2,853,572	0	2,853,572	2,853,572	0	0
Commerce and Economic Opportunity, Department of	15,798,322	0	15,798,322	8,237,204	7,561,118	0
Housing Development Authority	10,200	10,200	0	0	0	0
Human Services, Department of	61,316	0	61,316	61,316	0	0
Public Health, Department of	2,491,629	0	2,491,629	0	0	2,491,629
Transportation, Department of	9,602,367	1,540,690	8,061,677	5,559,821	78,163	2,423,693
<b>Indiana</b>	<b>9,987,058</b>	<b>657,583</b>	<b>9,329,475</b>	<b>8,853,091</b>	<b>362,384</b>	<b>114,000</b>
Criminal Justice Institute	640,000	240,000	400,000	400,000	0	0
Economic Development Corporation	1,488,480	0	1,488,480	1,133,787	354,693	0
Kankakee River Basin Commission	114,000	0	114,000	0	0	114,000
Natural Resources, Department of	250,000	0	250,000	250,000	0	0
St. Joseph River Basin Commission	10,964	3,273	7,691	0	7,691	0
Transportation, Department of	7,483,614	414,310	7,069,304	7,069,304	0	0
<b>Iowa</b>	<b>11,277,534</b>	<b>3,696,335</b>	<b>7,581,199</b>	<b>5,998,277</b>	<b>1,582,922</b>	<b>0</b>
Economic Development Authority, Energy Office	710,522	0	710,522	710,522	0	0
Human Rights, Criminal and Juvenile Justice Planning, Division of	457,808	457,808	0	0	0	0
Natural Resources, Department of	4,279,253	3,156,308	1,122,945	1,111,247	11,698	0
Transportation, Department of	5,829,951	82,219	5,747,732	4,176,508	1,571,224	0
<b>Kansas</b>	<b>5,469,052</b>	<b>1,333,800</b>	<b>4,135,252</b>	<b>2,684,331</b>	<b>0</b>	<b>1,450,921</b>
State Board of Regents	132,582	37,557	95,025	95,025	0	0
Transportation, Department of	3,749,587	1,296,243	2,453,344	1,251,522	0	1,201,822
Water Office	258,099	0	258,099	9,000	0	249,099
Wheat Commission	1,328,784	0	1,328,784	1,328,784	0	0
<b>Kentucky</b>	<b>17,256,496</b>	<b>2,734,444</b>	<b>14,522,052</b>	<b>8,562,064</b>	<b>5,645,489</b>	<b>314,499</b>
Early Childhood Development, Governor's Office of	53,264	0	53,264	53,264	0	0
Economic Development, Cabinet for	5,450,000	0	5,450,000	0	5,450,000	0
Education Professional Standards Board	668,491	316,003	352,488	0	37,989	314,499
Energy Development and Independence, Department for	1,667,000	0	1,667,000	1,667,000	0	0
Fish and Wildlife Resources, Department of	2,520,000	2,000,000	520,000	400,000	120,000	0
Highways, Department of	6,294,300	0	6,294,300	6,294,300	0	0
Horse Racing Commission	150,000	0	150,000	112,500	37,500	0
Public Health, Department for	34,000	0	34,000	34,000	0	0
State Nature Preserves Commission	32,100	31,100	1,000	1,000	0	0
Vocational Rehabilitation, Office of	387,341	387,341	0	0	0	0
<b>Louisiana</b>	<b>32,175,199</b>	<b>9,325,390</b>	<b>22,849,809</b>	<b>5,959,446</b>	<b>16,888,592</b>	<b>1,771</b>
Agriculture and Forestry, Department of	9,167	0	9,167	9,167	0	0
Coastal Protection and Restoration Authority	18,116,032	875,390	17,240,642	950,279	16,288,592	1,771
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	3,050,000	2,450,000	600,000	500,000	100,000	0
<b>Maine</b>	<b>12,609,815</b>	<b>2,911,504</b>	<b>9,698,311</b>	<b>813,605</b>	<b>8,794,706</b>	<b>90,000</b>
Agriculture, Conservation and Forestry, Department of	685,927	530,221	155,706	0	155,706	0
Environmental Protection, Department of	220,000	145,000	75,000	55,000	20,000	0
Governor's Energy Office	119,000	0	119,000	0	119,000	0
Health and Human Services, Department of	60,030	60,030	0	0	0	0
Inland Fisheries and Wildlife, Department of	101,759	101,759	0	0	0	0
Marine Resources, Department of	1,902,099	1,815,494	86,605	86,605	0	0
State Fire Marshal's Office	18,000	15,000	3,000	3,000	0	0

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Technology Institute	8,500,000	0	8,500,000	0	8,500,000	0
Transportation, Department of	1,003,000	244,000	759,000	669,000	0	90,000
Maryland	24,852,978	846,300	24,006,678	21,485,428	2,521,250	0
Health and Mental Hygiene, Department of	7,000,000	0	7,000,000	7,000,000	0	0
Natural Resources, Department of	2,081,134	556,300	1,524,834	1,293,584	231,250	0
Technology Development Corporation	14,100,000	0	14,100,000	12,100,000	2,000,000	0
Transportation, Department of	1,671,844	290,000	1,381,844	1,091,844	290,000	0
Massachusetts	22,664,539	11,254,392	11,410,147	4,242,654	4,631,651	2,535,842
Clean Energy Center	4,948,471	0	4,948,471	619,331	2,481,140	1,848,000
Environmental Protection, Department of	182,617	123,237	59,380	29,580	29,800	0
Fish and Game, Department of	12,083,700	11,023,700	1,060,000	303,000	257,000	500,000
Mass Life Science Center	3,213,698	0	3,213,698	1,349,987	1,863,711	0
Mental Health, Department of	1,752,150	7,455	1,744,695	1,744,695	0	0
Public Health, Department of	283,903	0	283,903	96,061	0	187,842
Water Resources Authority	200,000	100,000	100,000	100,000	0	0
Michigan	12,675,635	702,187	11,973,448	8,317,762	1,723,881	1,931,805
Agriculture and Rural Development, Department of	3,150,111	0	3,150,111	818,577	549,729	1,781,805
Environmental Quality, Department of	90,526	470	90,056	15,904	74,152	0
Natural Resources, Department of	3,934,998	701,717	3,233,281	3,083,281	0	150,000
Transportation, Department of	5,500,000	0	5,500,000	4,400,000	1,100,000	0
Minnesota	21,455,746	2,828,032	18,627,714	11,697,612	4,098,788	2,831,314
Agriculture, Department of	6,336,162	2,407,206	3,928,956	1,982,831	1,545,870	400,255
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	534,262	0	534,262	116,759	396,320	21,183
Transportation, Department of	11,995,322	355,826	11,639,496	7,073,022	2,156,598	2,409,876
Mississippi	780,616	252,513	528,103	208,225	319,878	0
Transportation, Department of	236,219	22,635	213,584	65,501	148,083	0
Wildlife, Fisheries, and Parks, Department of	544,397	229,878	314,519	142,724	171,795	0
Missouri	9,806,222	1,150,753	8,655,469	5,732,902	738,668	2,183,899
Agriculture, Department of	813,834	0	813,834	813,834	0	0
Conservation, Department of	4,319,494	981,119	3,338,375	3,320,875	0	17,500
Health and Senior Services, Department of	48,741	48,741	0	0	0	0
Natural Resources, Department of	558,123	120,893	437,230	389,744	4,761	42,725
Transportation, Department of	4,066,030	0	4,066,030	1,208,449	733,907	2,123,674
Montana	10,362,726	2,273,458	8,089,268	6,307,875	973,685	807,708
Agriculture, Department of	2,143,438	0	2,143,438	2,143,438	0	0
Environmental Quality, Department of	310,952	122,710	188,242	81,674	68,623	37,945
Fish, Wildlife and Parks	2,853,805	1,974,748	879,057	879,057	0	0
Natural Resources and Conservation, Department of	385,690	0	385,690	275,690	0	110,000
Research and Commercialization, Board of	1,052,000	0	1,052,000	477,938	574,062	0
Transportation, Department of	1,663,000	176,000	1,487,000	669,000	331,000	487,000
Wheat and Barley Committee	1,953,841	0	1,953,841	1,781,078	0	172,763
Nebraska	5,475,420	534,852	4,940,568	3,044,994	1,895,574	0
Agriculture, Department of	377,452	336,212	41,240	0	41,240	0
Corn Board	699,960	0	699,960	699,960	0	0
Dry Bean Commission	153,182	0	153,182	153,182	0	0
Economic Development, Department of	1,536,378	0	1,536,378	0	1,536,378	0
Natural Resources, Department of	529,071	189,959	339,112	21,156	317,956	0
Roads, Department of	1,782,264	8,681	1,773,583	1,773,583	0	0
Wheat Board	397,113	0	397,113	397,113	0	0

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Nevada	3,107,166	3,893	3,103,273	1,587,007	1,516,266	0
Commission on Mineral Resources, Division of Minerals	100,000	0	100,000	100,000	0	0
Transportation, Department of	2,914,364	0	2,914,364	1,398,098	1,516,266	0
Wildlife, Department of	92,802	3,893	88,909	88,909	0	0
New Hampshire	1,607,080	82,781	1,524,299	827,604	24,750	671,945
Agriculture, Markets and Food, Department of	135,899	0	135,899	130,904	0	4,995
Environmental Services, Department of	218,981	68,981	150,000	150,000	0	0
Resources and Economic Development, Department of	300,000	0	300,000	300,000	0	0
Transportation, Department of	952,200	13,800	938,400	246,700	24,750	666,950
New Jersey	33,756,028	1,864,000	31,892,028	24,429,466	587,522	6,875,040
Brain Injury Research, Commission on	6,396,368	0	6,396,368	3,418,674	0	2,977,694
Cancer Research, Commission on	1,500,000	0	1,500,000	1,500,000	0	0
Environmental Protection, Department of	2,721,846	1,864,000	857,846	737,846	120,000	0
Health, Department of	10,980,769	0	10,980,769	9,573,178	0	1,407,591
Medical Research and Treatment of Autism, Governor's Council for	4,784,247	0	4,784,247	3,586,057	0	1,198,190
Spinal Cord Research, Commission on	3,573,956	0	3,573,956	2,776,680	0	797,276
Transportation, Department of	3,798,842	0	3,798,842	2,837,031	467,522	494,289
New Mexico	52,302,976	2,539,877	49,763,099	49,531,444	231,655	0
Cultural Affairs, Department of	1,237,700	1,237,700	0	0	0	0
Game and Fish, Department of	1,000,000	500,000	500,000	500,000	0	0
Higher Education Department	48,218,100	0	48,218,100	48,218,100	0	0
Miners' Colfax Medical Center	25,000	10,180	14,820	14,820	0	0
State Engineer, Water Resource Allocation Program, Office of	88,062	12,686	75,376	0	75,376	0
Transportation, Department of	1,734,114	779,311	954,803	798,524	156,279	0
New York	365,551,926	241,920,626	123,631,300	79,267,606	26,989,804	17,373,890
Agriculture and Markets, Department of	3,765,993	2,000,000	1,765,993	1,765,993	0	0
Economic Development, Department of	49,698,758	802,758	48,896,000	37,998,000	0	10,898,000
Energy Research and Development Authority	48,568,115	10,726,706	37,841,409	6,966,262	24,880,257	5,994,890
Environmental Conservation, Department of	5,832,656	2,837,743	2,994,913	2,994,913	0	0
Health, Department of	43,250,554	32,085,201	11,165,353	10,624,487	92,669	448,197
Mental Health, Office of	132,887,190	117,117,415	15,769,775	15,769,775	0	0
People with Developmental Disabilities, Office of	4,228,430	4,228,430	0	0	0	0
Power Authority	839,178	24,029	815,149	0	815,149	0
Roswell Park Cancer Institute	61,800,000	61,800,000	0	0	0	0
State Museum	10,121,651	8,305,495	1,816,156	1,764,693	18,660	32,803
Thoroughbred Breeding and Development Fund Corp.	439,108	0	439,108	439,108	0	0
Transportation, Department of	4,120,293	1,992,849	2,127,444	944,375	1,183,069	0
North Carolina	34,002,384	14,429,283	19,573,101	15,435,572	2,507,529	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	2,079,756	1,676,602	403,154	403,154	0	0
Science, Technology and Innovation, Office of	12,037,647	0	12,037,647	9,630,118	2,407,529	0
Transportation, Department of	6,834,981	752,681	6,082,300	4,452,300	0	1,630,000
Wine and Grape Growers Council	50,000	0	50,000	50,000	0	0
North Dakota	9,611,936	1,189,828	8,422,108	6,268,868	1,209,207	944,033
Agriculture, Department of	244,764	0	244,764	151,264	35,000	58,500
Game and Fish, Department of	825,000	825,000	0	0	0	0
Lignite Research Council	943,377	252,500	690,877	357,940	262,937	70,000
Oil and Gas Research Program	4,017,199	52,557	3,964,642	3,258,625	326,125	379,892
Renewable Energy Research Program	745,155	36,976	708,179	113,034	585,145	10,000
Soybean Council	1,233,438	0	1,233,438	1,233,438	0	0
Transportation, Department of	407,000	22,795	384,205	8,564	0	375,641
Wheat Commission	1,196,003	0	1,196,003	1,146,003	0	50,000

TABLE 25. State agency expenditures for R&D, by state, department or agency, and performer: FY 2015  
(Dollars)

Department or agency	All R&D expenditures	Intramural performers <sup>a</sup>	Extramural performers			
			Total	Academic	Companies and individuals <sup>b</sup>	Other <sup>c</sup>
Ohio	94,299,294	864,161	93,435,133	7,714,186	85,415,055	305,892
Development Services Agency	83,483,581	0	83,483,581	0	83,483,581	0
Mental Health and Addiction Services, Department of	820,000	190,000	630,000	630,000	0	0
Natural Resources, Department of	1,201,332	564,161	637,171	637,171	0	0
Transportation, Department of	7,022,666	110,000	6,912,666	4,915,362	1,931,474	65,830
Water Development Authority	1,771,715	0	1,771,715	1,531,653	0	240,062
Oklahoma	29,952,934	350,570	29,602,364	22,135,660	4,303,009	3,163,695
Advancement of Science and Technology, Center for the	10,665,489	0	10,665,489	5,883,450	4,223,009	559,030
Agriculture, Food, and Forestry, Department of	685,666	0	685,666	605,666	80,000	0
Grand River Dam Authority	260,000	0	260,000	260,000	0	0
Health, State Department of	170,570	5,570	165,000	165,000	0	0
Human Services, Department of	385,000	345,000	40,000	40,000	0	0
Sorghum Commission	45,000	0	45,000	45,000	0	0
Tobacco Settlement Endowment Trust	10,072,460	0	10,072,460	7,467,795	0	2,604,665
Transportation, Department of	3,342,249	0	3,342,249	3,342,249	0	0
Wheat Commission	326,500	0	326,500	326,500	0	0
Wildlife Conservation, Department of	4,000,000	0	4,000,000	4,000,000	0	0
Oregon	31,990,073	18,022,139	13,967,934	6,129,513	363,341	7,475,080
Agriculture, Department of	190,591	0	190,591	0	0	190,591
Business Development Department	10,650,000	0	10,650,000	3,700,000	0	6,950,000
Energy, Department of	557,172	226,036	331,136	0	287,358	43,778
Environmental Quality, Department of	10,000	0	10,000	10,000	0	0
Fish and Wildlife, Department of	17,093,348	16,942,348	151,000	151,000	0	0
Forestry, Department of	871,221	677,205	194,016	131,195	57,188	5,633
Transportation, Department of	2,188,000	54,000	2,134,000	2,130,205	3,795	0
Water Resources Department	125,000	100,000	25,000	0	15,000	10,000
Watershed Enhancement Board	304,741	22,550	282,191	7,113	0	275,078
Pennsylvania	75,024,127	7,387,261	67,636,866	33,621,211	5,056,554	28,959,101
Agriculture, Department of	787,000	0	787,000	632,600	0	154,400
Community and Economic Development, Department of	18,050,000	0	18,050,000	850,000	200,000	17,000,000
Conservation and Natural Resources, Department of	163,856	63,348	100,508	0	100,508	0
Education, Department of	35,000	35,000	0	0	0	0
Energy Development Authority	24,974	0	24,974	0	24,974	0
Environmental Protection, Department of	2,390,366	639,112	1,751,254	806,288	307,712	637,254
Fish and Boat Commission	150,670	76,261	74,409	23,126	0	51,283
Game Commission	6,731,990	5,806,790	925,200	779,664	33,736	111,800
Health, Department of	43,529,698	0	43,529,698	29,829,059	2,700,000	11,000,639
Susquehanna River Basin Commission	922,294	766,750	155,544	2,980	148,839	3,725
Transportation, Department of	2,238,279	0	2,238,279	697,494	1,540,785	0
Rhode Island	2,594,978	281,200	2,313,778	1,223,081	1,035,697	55,000
Atomic Energy Commission	1,200	1,200	0	0	0	0
Commerce Corporation	1,101,985	0	1,101,985	826,489	275,496	0
Transportation, Department of	1,436,793	280,000	1,156,793	396,592	760,201	0
Water Resources Board	55,000	0	55,000	0	0	55,000
South Carolina	27,419,285	22,351,601	5,067,684	3,245,102	337,270	1,485,312
Agriculture, Department of	498,748	0	498,748	498,748	0	0
Commerce, Department of	78,500	0	78,500	78,500	0	0
Mental Health, Department of	100,884	0	100,884	100,884	0	0
Natural Resources, Department of	22,199,381	20,998,966	1,200,415	82,032	26,738	1,091,645
Research Authority	1,619,056	1,207,150	411,906	54,342	310,532	47,032
Sea Grant Consortium	1,067,761	0	1,067,761	981,951	0	85,810
Transportation, Department of	1,854,955	145,485	1,709,470	1,448,645	0	260,825

TABLE 25. State agency expenditures for R&D, by state, department or agency, and performer: FY 2015  
(Dollars)

Department or agency	All R&D expenditures	Intramural performers <sup>a</sup>	Extramural performers			
			Total	Academic	Companies and individuals <sup>b</sup>	Other <sup>c</sup>
South Dakota	4,211,838	240,000	3,971,838	2,632,748	868,290	470,800
Corn Utilization Council	1,154,000	0	1,154,000	923,200	0	230,800
Oilseeds Council	45,000	0	45,000	45,000	0	0
Pork Producers Council	15,000	0	15,000	15,000	0	0
Science and Technology Authority	26,862	0	26,862	26,862	0	0
Soybean Research and Promotion Council	1,176,375	0	1,176,375	956,375	0	220,000
Transportation, Department of	1,256,834	240,000	1,016,834	128,544	868,290	20,000
Weed and Pest Control Commission	37,767	0	37,767	37,767	0	0
Wheat Commission	500,000	0	500,000	500,000	0	0
Tennessee	3,828,567	531,871	3,296,696	3,296,696	0	0
Environment and Conservation, Department of	259,299	219,299	40,000	40,000	0	0
Geological Survey	312,572	312,572	0	0	0	0
Transportation, Department of	3,256,696	0	3,256,696	3,256,696	0	0
Texas	185,094,332	2,745,383	182,348,949	140,159,224	35,264,378	6,925,347
Agriculture, Department of	761,154	0	761,154	0	95,554	665,600
Cancer Prevention and Research Institute	145,241,410	0	145,241,410	109,156,186	29,911,311	6,173,913
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	10,901,637	2,745,383	8,156,254	5,170,391	2,985,863	0
Transportation, Department of	19,803,109	0	19,803,109	19,803,109	0	0
Water Development Board	2,637,022	0	2,637,022	279,538	2,271,650	85,834
Utah	38,168,197	18,192,260	19,975,937	18,099,360	1,764,575	112,002
Agriculture and Food, Department of	431,198	41,155	390,043	291,252	0	98,791
Economic Development	2,107,486	0	2,107,486	633,000	1,461,275	13,211
Natural Resources, Department of	17,100,000	17,100,000	0	0	0	0
Science Technology and Research Initiative, Governor's Office of						
Economic Development	17,058,613	423,705	16,634,908	16,634,908	0	0
Transportation, Department of	1,470,900	627,400	843,500	540,200	303,300	0
Vermont	2,199,082	555,772	1,643,310	763,353	879,957	0
Agriculture, Food, and Markets, Agency of	582,420	209,616	372,804	223,680	149,124	0
Economic Development Authority	515,612	0	515,612	0	515,612	0
Human Services, Agency of	152,706	152,706	0	0	0	0
Natural Resources, Agency of	32,441	0	32,441	32,441	0	0
Public Service Department	122,898	15,000	107,898	0	107,898	0
Transportation, Agency of	793,005	178,450	614,555	507,232	107,323	0
Virginia	43,615,877	14,190,632	29,425,245	21,506,372	2,301,680	5,617,193
Aging and Rehabilitation, Department of	29,628	29,628	0	0	0	0
Agriculture and Consumer Services, Department of	1,075,676	0	1,075,676	922,054	0	153,622
Commonwealth Health Research Board	892,552	0	892,552	892,552	0	0
Environmental Quality, Department of	2,308,956	0	2,308,956	910,071	0	1,398,885
Forensic Science, Department of	271,000	271,000	0	0	0	0
Forestry, Department of	400,904	0	400,904	36,827	364,077	0
Foundation for Healthy Youth	640,933	0	640,933	640,933	0	0
Game and Inland Fisheries, Department of	1,689,294	0	1,689,294	1,455,699	16,210	217,385
General Services, Department of	55,000	55,000	0	0	0	0
Innovative Technology, Center for	3,914,000	1,114,000	2,800,000	1,450,000	1,050,000	300,000
Marine Resources Commission	2,226,921	0	2,226,921	2,226,921	0	0
Mines, Minerals and Energy, Department of	2,192,061	1,320,668	871,393	0	871,393	0
Natural History, Museum of	650,570	650,570	0	0	0	0
Social Services, Department of	35,000	35,000	0	0	0	0
Tobacco Region Revitalization Commission	9,678,856	0	9,678,856	6,131,555	0	3,547,301
Transportation, Department of	17,554,526	10,714,766	6,839,760	6,839,760	0	0

TABLE 25. State agency expenditures for R&D, by state, department or agency, and performer: FY 2015  
(Dollars)

Department or agency	All R&D expenditures	Intramural performers <sup>a</sup>	Extramural performers			
			Total	Academic	Companies and individuals <sup>b</sup>	Other <sup>c</sup>
Washington	36,918,558	10,470,091	26,448,467	23,594,015	642,182	2,212,270
Agriculture, Department of	2,500,896	0	2,500,896	1,725,782	295,761	479,353
Alfalfa Seed Commission	34,000	0	34,000	34,000	0	0
Archaeology and Historic Preservation, Department of	378,127	378,127	0	0	0	0
Asparagus Commission	62,000	0	62,000	62,000	0	0
Beef Commission	15,000	0	15,000	15,000	0	0
Blueberry Commission	150,000	0	150,000	150,000	0	0
Cranberry Commission	15,152	0	15,152	15,152	0	0
Dairy Products Commission	107,675	0	107,675	74,910	1,283	31,482
Dry Pea and Lentil Commission	262,570	0	262,570	262,570	0	0
Ecology, Department of	1,054,265	899,377	154,888	154,888	0	0
Fish and Wildlife, Department of	4,936,117	4,936,117	0	0	0	0
Fruit Commission	15,000	0	15,000	15,000	0	0
Grain Commission	2,391,171	0	2,391,171	2,391,171	0	0
Hop Commission	167,528	0	167,528	167,528	0	0
Labor and Industries, Department of	2,907,584	2,907,584	0	0	0	0
Life Sciences Discovery Fund	8,364,171	0	8,364,171	8,364,171	0	0
Mint Commission	24,147	0	24,147	24,147	0	0
Natural Resources, Department of	3,149,971	1,336,586	1,813,385	286,150	0	1,527,235
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	854,111	0	854,111	854,111	0	0
Puget Sound Partnership	558,072	12,300	545,772	266,077	131,495	148,200
Red Raspberry Commission	268,388	0	268,388	228,745	13,643	26,000
Seed Potato Commission	20,000	0	20,000	20,000	0	0
Transportation, Department of	5,450,000	0	5,450,000	5,250,000	200,000	0
Tree Fruit Research Commission	2,640,000	0	2,640,000	2,640,000	0	0
Turfgrass Commission	23,500	0	23,500	23,500	0	0
Wine Commission	175,000	0	175,000	175,000	0	0
West Virginia	11,481,903	4,728,205	6,753,698	5,793,626	297,103	662,969
Geological and Economic Survey	3,084,623	1,879,326	1,205,297	245,225	297,103	662,969
Higher Education Policy Commission	6,189,639	641,238	5,548,401	5,548,401	0	0
Justice and Community Services, Division of	13,719	13,719	0	0	0	0
Transportation, Department of	2,193,922	2,193,922	0	0	0	0
Wisconsin	14,517,671	6,547,800	7,969,871	3,139,217	3,147,519	1,683,135
Agriculture, Trade and Consumer Protection, Department of	841,890	0	841,890	804,130	0	37,760
Economic Development Corporation	3,000,000	0	3,000,000	0	3,000,000	0
Natural Resources, Department of	7,569,100	6,091,100	1,478,000	1,478,000	0	0
Transportation, Department of	3,106,681	456,700	2,649,981	857,087	147,519	1,645,375
Wyoming	5,160,617	1,883,135	3,277,482	1,199,933	1,842,316	235,233
Agriculture, Department of	100,000	0	100,000	0	0	100,000
Enhanced Oil Recovery Commission	250,000	0	250,000	250,000	0	0
Game and Fish Department	1,826,682	1,630,215	196,467	196,467	0	0
State Engineer, Office of	80,000	0	80,000	0	80,000	0
State Geological Survey	248,879	248,879	0	0	0	0
Transportation, Department of	986,181	4,041	982,140	14,224	967,916	0
Water Development Commission	468,875	0	468,875	19,242	314,400	135,233
Wildlife and Natural Resources Trust	1,200,000	0	1,200,000	720,000	480,000	0
Puerto Rico <sup>e</sup>	5,673,544	4,454,166	1,219,378	750,000	469,378	0
Agriculture, Department of <sup>f</sup>	649,048	649,048	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 <sup>g</sup>	2,000,000	2,000,000	0	0	0	0
Institute of Statistics	568,480	568,480	0	0	0	0
Manufacturing Extension, Incorporated <sup>d</sup>	319,378	0	319,378	0	319,378	0



TABLE 25. State agency expenditures for R&D, by state, department or agency, and performer: FY 2015  
(Dollars)

Department or agency	All R&D expenditures	Intramural performers <sup>a</sup>	Extramural performers			
			Total	Academic	Companies and individuals <sup>b</sup>	Other <sup>c</sup>
Mental Health and Anti-Addiction Services Administration <sup>f</sup>	410,716	410,716	0	0	0	0
Natural Resources, Department of	100,000	100,000	0	0	0	0
Science, Technology and Research Trust <sup>f</sup>	900,000	0	900,000	750,000	150,000	0

<sup>a</sup> 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.

<sup>b</sup> Companies and individuals include individuals under contract for research projects.

<sup>c</sup> Other includes federal government; nonprofit organizations; city, county, regional, or other local governments; and other state governments.

<sup>d</sup> U.S. total reflects all 50 states and the District of Columbia.

<sup>e</sup> Puerto Rico is not included in U.S. total due to its classification as a U.S. territory.

<sup>f</sup> Data are provided as imputed by the Puerto Rico Institute of Statistics.

<sup>g</sup> 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.