

TABLE 27. State agency expenditures for R&D, by state, department or agency, and function of R&D: FY 2015  
(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
United States <sup>b</sup>	2,205,146,613	127,363,440	312,114,377	413,229,629	939,828,386	247,779,544	164,831,237
Alabama	24,486,963	250,000	688,913	5,718,986	2,829,600	9,255,656	5,743,808
Choctawhatchee, Pea and Yellow River Watershed Management Authority	6,340	0	0	6,340	0	0	0
Education, Department of	46,000	0	0	0	0	0	46,000
Forensic Sciences, Department of	120,724	0	0	0	0	0	120,724
Geological Survey	2,355,251	0	288,267	2,066,984	0	0	0
Innovation Fund	5,950,371	250,000	400,646	0	2,829,600	681,290	1,788,835
Marine Environmental Science Consortium, Dauphin Island Sea Lab	3,645,662	0	0	3,645,662	0	0	0
Supercomputer Authority	3,788,249	0	0	0	0	0	3,788,249
Transportation, Department of	8,574,366	0	0	0	0	8,574,366	0
Alaska	11,258,203	217,141	53,202	8,987,200	0	2,000,660	0
Natural Resources, Division of Geological and Geophysical Surveys, Department of	9,257,543	217,141	53,202	8,987,200	0	0	0
Transportation and Public Facilities, Department of	2,000,660	0	0	0	0	2,000,660	0
Arizona	14,942,124	718,324	658,000	7,012,194	5,294,706	1,258,900	0
Agriculture, Department of	818,816	718,324	0	100,492	0	0	0
Game and Fish Department	4,313,702	0	0	4,313,702	0	0	0
Geological Survey	3,256,000	0	658,000	2,598,000	0	0	0
Health Services, Department of	5,294,706	0	0	0	5,294,706	0	0
Transportation, Department of	1,258,900	0	0	0	0	1,258,900	0
Arkansas	16,642,711	8,248,838	5,243,216	303,087	726,189	1,486,000	635,381
Beef Council	40,750	40,750	0	0	0	0	0
Catfish Promotion Board	27,560	27,560	0	0	0	0	0
Corn and Grain Sorghum Board	779,000	779,000	0	0	0	0	0
Economic Development Commission	8,067,653	1,159,780	5,243,216	303,087	726,189	0	635,381
Rice Research and Promotion Board	2,996,500	2,996,500	0	0	0	0	0
Soybean Promotion Board	3,100,707	3,100,707	0	0	0	0	0
State Highway and Transportation Department	1,486,000	0	0	0	0	1,486,000	0
Wheat Promotion Board	144,541	144,541	0	0	0	0	0
California	500,071,595	7,566,669	194,354,000	30,382,163	221,873,363	35,201,005	10,694,395
Air Resources Board	18,218,725	0	0	15,485,916	2,732,809	0	0
Children and Families Commission	935,000	0	0	0	375,000	0	560,000
Community Services and Development, Department of	100,000	0	0	0	0	0	100,000
Corrections and Rehabilitation, Department of	6,300,000	0	0	0	0	0	6,300,000
Delta Stewardship Council	2,850,000	0	0	2,850,000	0	0	0
Energy Commission	194,354,000	0	194,354,000	0	0	0	0
Environmental Health Hazard Assessment, Office of	11,795,522	0	0	0	11,795,522	0	0
Fish and Wildlife, Department of	360,000	0	0	360,000	0	0	0
Food and Agriculture, Department of	4,041,669	4,041,669	0	0	0	0	0
Forestry and Fire Protection, Department of	1,143,564	0	0	1,143,564	0	0	0
Horse Racing Board	659,000	0	0	0	659,000	0	0
Industrial Relations, Department of	40,682	0	0	0	40,682	0	0

TABLE 27. State agency expenditures for R&D, by state, department or agency, and function of R&D: FY 2015  
(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
Institute for Regenerative Medicine	198,649,268	0	0	0	198,649,268	0	0
Motor Vehicles, Department of	1,287,082	0	0	0	1,287,082	0	0
Pesticide Regulation, Department of	10,211,000	2,785,000	0	2,345,000	5,081,000	0	0
Public Health, Environmental Health Laboratory Branch, Department of	250,000	0	0	0	250,000	0	0
Public Health, Food and Drug Branch, Science and Education, Department of	1,000,000	600,000	0	0	400,000	0	0
Public Health, Genetic Disease, Department of	603,000	0	0	0	603,000	0	0
Public Utilities Commission, Communications Division	1,135,474	0	0	0	0	0	1,135,474
Resources Recycling and Recovery, Department of	1,844,832	0	0	1,594,832	0	250,000	0
Seismic Safety Commission	920,490	0	0	920,490	0	0	0
Social Services, Department of	100,826	0	0	0	0	0	100,826
State Coastal Conservancy	73,833	0	0	73,833	0	0	0
State Water Resources Control Board	650,000	0	0	650,000	0	0	0
Transportation, Department of	34,951,005	0	0	0	0	34,951,005	0
Water Resources, Department of	7,596,623	140,000	0	4,958,528	0	0	2,498,095
Colorado	16,321,056	373,735	2,241,216	8,630,632	1,248,410	1,881,210	1,945,853
Economic Development and International Trade, Office of	2,809,069	150,000	1,168,427	187,232	1,248,410	55,000	0
Higher Education Competitive, Research Authority	2,314,761	0	886,000	475,000	0	0	953,761
Natural Resources, Department of	6,928,752	0	186,789	6,741,963	0	0	0
Public Health and Environment, Department of	1,156,437	0	0	1,156,437	0	0	0
Public Safety, Department of	992,092	0	0	0	0	0	992,092
Transportation, Department of	1,896,210	0	0	70,000	0	1,826,210	0
Wine Industry Development Board	223,735	223,735	0	0	0	0	0
Connecticut	55,816,528	4,228,545	1,944,337	10,303,327	28,803,862	5,409,867	5,126,590
Aging, Department on	62,752	0	0	0	62,752	0	0
Agricultural Experiment Station	10,842,422	4,228,545	0	3,577,999	3,035,878	0	0
Energy and Environmental Protection, Department of	6,725,328	0	0	6,725,328	0	0	0
Innovation Inc.	18,820,358	0	1,944,337	0	11,749,431	0	5,126,590
Mental Health and Addiction Services, Department of	5,203,948	0	0	0	5,203,948	0	0
Public Health, Department of	7,387,895	0	0	0	7,387,895	0	0
Social Services, Department of	1,363,958	0	0	0	1,363,958	0	0
Transportation, Department of	5,409,867	0	0	0	0	5,409,867	0
Delaware	2,199,635	0	10,000	2,048,014	0	141,621	0
Geological Survey	1,672,991	0	0	1,672,991	0	0	0
Natural Resources and Environmental Control, Department of	375,023	0	0	375,023	0	0	0
Sustainable Energy Unit	10,000	0	10,000	0	0	0	0
Transportation, Department of	141,621	0	0	0	0	141,621	0
District of Columbia	3,216,073	0	75,000	2,000,000	174,578	828,377	138,118
Health, Department of	312,696	0	0	0	174,578	0	138,118
Transportation, Department of	903,377	0	75,000	0	0	828,377	0
Water and Sewer Authority	2,000,000	0	0	2,000,000	0	0	0

TABLE 27. State agency expenditures for R&amp;D, by state, department or agency, and function of R&amp;D: FY 2015

(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
Florida	191,598,669	18,529,725	1,117,124	57,934,383	102,896,382	11,121,055	0
Agriculture and Consumer Services, Department of	29,138,531	15,349,763	1,117,124	11,093,710	1,577,934	0	0
Citrus, Department of	3,435,397	3,179,962	0	0	255,435	0	0
Fish and Wildlife Conservation Commission	46,840,673	0	0	46,840,673	0	0	0
Health, Department of	101,063,013	0	0	0	101,063,013	0	0
Space Florida	1,350,000	0	0	0	0	1,350,000	0
Transportation, Department of	9,771,055	0	0	0	0	9,771,055	0
Georgia	10,052,848	0	3,148,268	3,062,308	0	3,842,272	0
Environmental Finance Authority	1,276,375	0	0	1,276,375	0	0	0
Natural Resources Wildlife Division, Department of	1,785,933	0	0	1,785,933	0	0	0
Southern States Energy Board	3,148,268	0	3,148,268	0	0	0	0
Transportation, Department of	3,842,272	0	0	0	0	3,842,272	0
Hawaii	11,520,961	60,000	1,500,000	7,849,438	0	1,338,452	773,071
Agriculture, Department of	60,000	60,000	0	0	0	0	0
Business, Economic Development, and Tourism, Department of	2,273,071	0	1,500,000	0	0	0	773,071
Land and Natural Resources, Department of	7,849,438	0	0	7,849,438	0	0	0
Transportation, Department of	1,338,452	0	0	0	0	1,338,452	0
Idaho	12,935,976	2,930,637	274,051	8,164,676	130,045	1,436,567	0
Barley Commission	346,105	346,105	0	0	0	0	0
Bean Commission	65,930	65,930	0	0	0	0	0
Commerce, Department of	964,154	367,171	274,051	192,887	130,045	0	0
Environmental Quality, Department of	620,407	0	0	620,407	0	0	0
Fish and Game, Department of	7,051,382	0	0	7,051,382	0	0	0
Oilseed Commission	30,000	30,000	0	0	0	0	0
Pea and Lentil Commission	144,725	144,725	0	0	0	0	0
Potato Commission	1,038,040	1,038,040	0	0	0	0	0
Transportation Department	1,436,567	0	0	0	0	1,436,567	0
Water Resources, Department of	300,000	0	0	300,000	0	0	0
Wheat Commission	938,666	938,666	0	0	0	0	0
Illinois	30,817,406	139,697	4,333,344	0	2,552,945	9,602,367	14,189,053
Children and Family Services, Department of	2,853,572	0	0	0	0	0	2,853,572
Commerce and Economic Opportunity, Department of	15,798,322	139,697	4,333,344	0	0	0	11,325,281
Housing Development Authority	10,200	0	0	0	0	0	10,200
Human Services, Department of	61,316	0	0	0	61,316	0	0
Public Health, Department of	2,491,629	0	0	0	2,491,629	0	0
Transportation, Department of	9,602,367	0	0	0	0	9,602,367	0
Indiana	9,987,058	250,000	354,693	124,964	0	7,483,614	1,773,787
Criminal Justice Institute	640,000	0	0	0	0	0	640,000
Economic Development Corporation	1,488,480	0	354,693	0	0	0	1,133,787
Kankakee River Basin Commission	114,000	0	0	114,000	0	0	0
Natural Resources, Department of	250,000	250,000	0	0	0	0	0

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(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
St. Joseph River Basin Commission	10,964	0	0	10,964	0	0	0
Transportation, Department of	7,483,614	0	0	0	0	7,483,614	0
Iowa	11,277,534	0	710,522	4,279,253	0	5,829,951	457,808
Economic Development Authority, Energy Office	710,522	0	710,522	0	0	0	0
Human Rights, Criminal and Juvenile Justice Planning, Division of	457,808	0	0	0	0	0	457,808
Natural Resources, Department of	4,279,253	0	0	4,279,253	0	0	0
Transportation, Department of	5,829,951	0	0	0	0	5,829,951	0
Kansas	5,469,052	1,328,784	0	258,099	0	3,749,587	132,582
State Board of Regents	132,582	0	0	0	0	0	132,582
Transportation, Department of	3,749,587	0	0	0	0	3,749,587	0
Water Office	258,099	0	0	258,099	0	0	0
Wheat Commission	1,328,784	1,328,784	0	0	0	0	0
Kentucky	17,256,496	378,000	2,173,000	2,768,100	4,534,000	6,294,300	1,109,096
Early Childhood Development, Governor's Office of	53,264	0	0	0	0	0	53,264
Economic Development, Cabinet for	5,450,000	228,000	506,000	216,000	4,500,000	0	0
Education Professional Standards Board	668,491	0	0	0	0	0	668,491
Energy Development and Independence, Department for	1,667,000	0	1,667,000	0	0	0	0
Fish and Wildlife Resources, Department of	2,520,000	0	0	2,520,000	0	0	0
Highways, Department of	6,294,300	0	0	0	0	6,294,300	0
Horse Racing Commission	150,000	150,000	0	0	0	0	0
Public Health, Department for	34,000	0	0	0	34,000	0	0
State Nature Preserves Commission	32,100	0	0	32,100	0	0	0
Vocational Rehabilitation, Office of	387,341	0	0	0	0	0	387,341
Louisiana	32,175,199	9,167	0	21,166,032	0	11,000,000	0
Agriculture and Forestry, Department of	9,167	9,167	0	0	0	0	0
Coastal Protection and Restoration Authority	18,116,032	0	0	18,116,032	0	0	0
Transportation and Development, Department of	11,000,000	0	0	0	0	11,000,000	0
Wildlife and Fisheries, Department of	3,050,000	0	0	3,050,000	0	0	0
Maine	12,609,815	1,013,206	986,000	3,129,609	2,210,000	1,003,000	4,268,000
Agriculture, Conservation and Forestry, Department of	685,927	155,706	0	530,221	0	0	0
Environmental Protection, Department of	220,000	7,500	17,000	195,500	0	0	0
Governor's Energy Office	119,000	0	119,000	0	0	0	0
Health and Human Services, Department of	60,030	0	0	60,030	0	0	0
Inland Fisheries and Wildlife, Department of	101,759	0	0	101,759	0	0	0
Marine Resources, Department of	1,902,099	0	0	1,902,099	0	0	0
State Fire Marshal's Office	18,000	0	0	0	0	0	18,000
Technology Institute	8,500,000	850,000	850,000	340,000	2,210,000	0	4,250,000
Transportation, Department of	1,003,000	0	0	0	0	1,003,000	0

TABLE 27. State agency expenditures for R&amp;D, by state, department or agency, and function of R&amp;D: FY 2015

(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
Maryland	24,852,978	200,000	200,000	3,070,807	20,500,000	882,171	0
Health and Mental Hygiene, Department of	7,000,000	0	0	0	7,000,000	0	0
Natural Resources, Department of	2,081,134	0	0	2,081,134	0	0	0
Technology Development Corporation	14,100,000	200,000	200,000	200,000	13,500,000	0	0
Transportation, Department of	1,671,844	0	0	789,673	0	882,171	0
Massachusetts	22,664,539	0	4,998,471	12,416,317	5,249,751	0	0
Clean Energy Center	4,948,471	0	4,948,471	0	0	0	0
Environmental Protection, Department of	182,617	0	0	182,617	0	0	0
Fish and Game, Department of	12,083,700	0	0	12,083,700	0	0	0
Mass Life Science Center	3,213,698	0	0	0	3,213,698	0	0
Mental Health, Department of	1,752,150	0	0	0	1,752,150	0	0
Public Health, Department of	283,903	0	0	0	283,903	0	0
Water Resources Authority	200,000	0	50,000	150,000	0	0	0
Michigan	12,675,635	3,150,111	0	4,025,524	0	5,500,000	0
Agriculture and Rural Development, Department of	3,150,111	3,150,111	0	0	0	0	0
Environmental Quality, Department of	90,526	0	0	90,526	0	0	0
Natural Resources, Department of	3,934,998	0	0	3,934,998	0	0	0
Transportation, Department of	5,500,000	0	0	0	0	5,500,000	0
Minnesota	21,455,746	2,938,310	897,117	3,562,237	2,500,000	11,558,082	0
Agriculture, Department of	6,336,162	2,938,310	897,117	2,500,735	0	0	0
Employment and Economic Development, Department of	2,500,000	0	0	0	2,500,000	0	0
Forest Resources Council	90,000	0	0	90,000	0	0	0
Pollution Control Agency	534,262	0	0	534,262	0	0	0
Transportation, Department of	11,995,322	0	0	437,240	0	11,558,082	0
Mississippi	780,616	0	1,739	566,320	0	212,557	0
Transportation, Department of	236,219	0	1,739	21,923	0	212,557	0
Wildlife, Fisheries, and Parks, Department of	544,397	0	0	544,397	0	0	0
Missouri	9,806,222	830,064	0	4,861,387	48,741	4,066,030	0
Agriculture, Department of	813,834	813,834	0	0	0	0	0
Conservation, Department of	4,319,494	0	0	4,319,494	0	0	0
Health and Senior Services, Department of	48,741	0	0	0	48,741	0	0
Natural Resources, Department of	558,123	16,230	0	541,893	0	0	0
Transportation, Department of	4,066,030	0	0	0	0	4,066,030	0
Montana	10,362,726	4,097,279	0	3,688,918	642,384	1,663,000	271,145
Agriculture, Department of	2,143,438	2,143,438	0	0	0	0	0
Environmental Quality, Department of	310,952	0	0	310,952	0	0	0
Fish, Wildlife and Parks	2,853,805	0	0	2,853,805	0	0	0
Natural Resources and Conservation, Department of	385,690	0	0	385,690	0	0	0
Research and Commercialization, Board of	1,052,000	0	0	138,471	642,384	0	271,145

TABLE 27. State agency expenditures for R&amp;D, by state, department or agency, and function of R&amp;D: FY 2015

(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
Transportation, Department of	1,663,000	0	0	0	0	1,663,000	0
Wheat and Barley Committee	1,953,841	1,953,841	0	0	0	0	0
Nebraska	5,475,420	2,725,502	0	529,071	312,977	1,810,483	97,387
Agriculture, Department of	377,452	377,452	0	0	0	0	0
Corn Board	699,960	699,960	0	0	0	0	0
Dry Bean Commission	153,182	153,182	0	0	0	0	0
Economic Development, Department of	1,536,378	1,097,795	0	0	312,977	28,219	97,387
Natural Resources, Department of	529,071	0	0	529,071	0	0	0
Roads, Department of	1,782,264	0	0	0	0	1,782,264	0
Wheat Board	397,113	397,113	0	0	0	0	0
Nevada	3,107,166	0	0	192,802	0	2,914,364	0
Commission on Mineral Resources, Division of Minerals	100,000	0	0	100,000	0	0	0
Transportation, Department of	2,914,364	0	0	0	0	2,914,364	0
Wildlife, Department of	92,802	0	0	92,802	0	0	0
New Hampshire	1,607,080	130,904	0	331,476	0	844,700	300,000
Agriculture, Markets and Food, Department of	135,899	130,904	0	4,995	0	0	0
Environmental Services, Department of	218,981	0	0	218,981	0	0	0
Resources and Economic Development, Department of	300,000	0	0	0	0	0	300,000
Transportation, Department of	952,200	0	0	107,500	0	844,700	0
New Jersey	33,756,028	0	0	2,721,846	27,235,340	3,798,842	0
Brain Injury Research, Commission on	6,396,368	0	0	0	6,396,368	0	0
Cancer Research, Commission on	1,500,000	0	0	0	1,500,000	0	0
Environmental Protection, Department of	2,721,846	0	0	2,721,846	0	0	0
Health, Department of	10,980,769	0	0	0	10,980,769	0	0
Medical Research and Treatment of Autism, Governor's Council for	4,784,247	0	0	0	4,784,247	0	0
Spinal Cord Research, Commission on	3,573,956	0	0	0	3,573,956	0	0
Transportation, Department of	3,798,842	0	0	0	0	3,798,842	0
New Mexico	52,302,976	28,426,162	2,978,000	3,348,379	11,312,600	2,787,035	3,450,800
Cultural Affairs, Department of	1,237,700	0	0	0	0	0	1,237,700
Game and Fish, Department of	1,000,000	0	0	1,000,000	0	0	0
Higher Education Department	48,218,100	28,338,100	2,978,000	2,192,100	11,287,600	1,209,200	2,213,100
Miners' Colfax Medical Center	25,000	0	0	0	25,000	0	0
State Engineer, Water Resource Allocation Program, Office of	88,062	88,062	0	0	0	0	0
Transportation, Department of	1,734,114	0	0	156,279	0	1,577,835	0
New York	365,551,926	2,166,324	40,787,626	21,640,818	244,407,831	6,850,569	49,698,758
Agriculture and Markets, Department of	3,765,993	1,815,993	0	0	1,950,000	0	0
Economic Development, Department of	49,698,758	0	0	0	0	0	49,698,758
Energy Research and Development Authority	48,568,115	0	39,948,448	3,728,990	2,160,401	2,730,276	0
Environmental Conservation, Department of	5,832,656	20,638	0	5,812,018	0	0	0
Health, Department of	43,250,554	329,693	0	1,978,159	40,942,702	0	0

TABLE 27. State agency expenditures for R&D, by state, department or agency, and function of R&D: FY 2015

(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
Mental Health, Office of	132,887,190	0	0	0	132,887,190	0	0
People with Developmental Disabilities, Office of	4,228,430	0	0	0	4,228,430	0	0
Power Authority	839,178	0	839,178	0	0	0	0
Roswell Park Cancer Institute	61,800,000	0	0	0	61,800,000	0	0
State Museum	10,121,651	0	0	10,121,651	0	0	0
Thoroughbred Breeding and Development Fund Corp.	439,108	0	0	0	439,108	0	0
Transportation, Department of	4,120,293	0	0	0	0	4,120,293	0
North Carolina	34,002,384	12,050,000	1,652,847	2,901,909	7,966,618	5,534,981	3,896,029
Agriculture and Consumer Services, Department of	13,000,000	12,000,000	1,000,000	0	0	0	0
Environmental Quality, Department of	2,079,756	0	377,847	1,701,909	0	0	0
Science, Technology and Innovation, Office of	12,037,647	0	175,000	0	7,966,618	0	3,896,029
Transportation, Department of	6,834,981	0	100,000	1,200,000	0	5,534,981	0
Wine and Grape Growers Council	50,000	50,000	0	0	0	0	0
North Dakota	9,611,936	2,674,205	5,705,731	825,000	0	407,000	0
Agriculture, Department of	244,764	244,764	0	0	0	0	0
Game and Fish, Department of	825,000	0	0	825,000	0	0	0
Lignite Research Council	943,377	0	943,377	0	0	0	0
Oil and Gas Research Program	4,017,199	0	4,017,199	0	0	0	0
Renewable Energy Research Program	745,155	0	745,155	0	0	0	0
Soybean Council	1,233,438	1,233,438	0	0	0	0	0
Transportation, Department of	407,000	0	0	0	0	407,000	0
Wheat Commission	1,196,003	1,196,003	0	0	0	0	0
Ohio	94,299,294	0	11,048,550	42,606,559	3,246,554	10,142,447	27,255,184
Development Services Agency	83,483,581	0	10,879,447	39,802,615	2,426,554	3,119,781	27,255,184
Mental Health and Addiction Services, Department of	820,000	0	0	0	820,000	0	0
Natural Resources, Department of	1,201,332	0	169,103	1,032,229	0	0	0
Transportation, Department of	7,022,666	0	0	0	0	7,022,666	0
Water Development Authority	1,771,715	0	0	1,771,715	0	0	0
Oklahoma	29,952,934	1,811,266	1,625,000	5,465,000	14,970,721	3,817,249	2,263,698
Advancement of Science and Technology, Center for the	10,665,489	754,100	1,625,000	1,205,000	4,730,700	475,000	1,875,689
Agriculture, Food, and Forestry, Department of	685,666	685,666	0	0	0	0	0
Grand River Dam Authority	260,000	0	0	260,000	0	0	0
Health, State Department of	170,570	0	0	0	167,561	0	3,009
Human Services, Department of	385,000	0	0	0	0	0	385,000
Sorghum Commission	45,000	45,000	0	0	0	0	0
Tobacco Settlement Endowment Trust	10,072,460	0	0	0	10,072,460	0	0
Transportation, Department of	3,342,249	0	0	0	0	3,342,249	0
Wheat Commission	326,500	326,500	0	0	0	0	0
Wildlife Conservation, Department of	4,000,000	0	0	4,000,000	0	0	0

TABLE 27. State agency expenditures for R&D, by state, department or agency, and function of R&D: FY 2015  
(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
Oregon	31,990,073	372,579	7,467,172	18,412,322	1,000,000	2,938,000	1,800,000
Agriculture, Department of	190,591	172,579	0	18,012	0	0	0
Business Development Department	10,650,000	200,000	6,900,000	0	1,000,000	750,000	1,800,000
Energy, Department of	557,172	0	557,172	0	0	0	0
Environmental Quality, Department of	10,000	0	10,000	0	0	0	0
Fish and Wildlife, Department of	17,093,348	0	0	17,093,348	0	0	0
Forestry, Department of	871,221	0	0	871,221	0	0	0
Transportation, Department of	2,188,000	0	0	0	0	2,188,000	0
Water Resources Department	125,000	0	0	125,000	0	0	0
Watershed Enhancement Board	304,741	0	0	304,741	0	0	0
Pennsylvania	75,024,127	787,000	2,156,564	9,129,370	52,398,628	2,438,279	8,114,286
Agriculture, Department of	787,000	787,000	0	0	0	0	0
Community and Economic Development, Department of	18,050,000	0	2,100,000	35,714	7,900,000	200,000	7,814,286
Conservation and Natural Resources, Department of	163,856	0	0	163,856	0	0	0
Education, Department of	35,000	0	0	0	0	0	35,000
Energy Development Authority	24,974	0	24,974	0	0	0	0
Environmental Protection, Department of	2,390,366	0	0	2,125,366	0	0	265,000
Fish and Boat Commission	150,670	0	0	150,670	0	0	0
Game Commission	6,731,990	0	31,590	5,731,470	968,930	0	0
Health, Department of	43,529,698	0	0	0	43,529,698	0	0
Susquehanna River Basin Commission	922,294	0	0	922,294	0	0	0
Transportation, Department of	2,238,279	0	0	0	0	2,238,279	0
Rhode Island	2,594,978	0	1,200	869,042	179,946	1,436,793	107,997
Atomic Energy Commission	1,200	0	1,200	0	0	0	0
Commerce Corporation	1,101,985	0	0	814,042	179,946	0	107,997
Transportation, Department of	1,436,793	0	0	0	0	1,436,793	0
Water Resources Board	55,000	0	0	55,000	0	0	0
South Carolina	27,419,285	498,748	163,885	23,516,239	152,441	2,160,647	927,325
Agriculture, Department of	498,748	498,748	0	0	0	0	0
Commerce, Department of	78,500	0	0	0	0	0	78,500
Mental Health, Department of	100,884	0	0	0	100,884	0	0
Natural Resources, Department of	22,199,381	0	0	22,199,381	0	0	0
Research Authority	1,619,056	0	163,885	249,097	51,557	305,692	848,825
Sea Grant Consortium	1,067,761	0	0	1,067,761	0	0	0
Transportation, Department of	1,854,955	0	0	0	0	1,854,955	0
South Dakota	4,211,838	2,928,142	26,862	20,000	0	1,236,834	0
Corn Utilization Council	1,154,000	1,154,000	0	0	0	0	0
Oilseeds Council	45,000	45,000	0	0	0	0	0
Pork Producers Council	15,000	15,000	0	0	0	0	0
Science and Technology Authority	26,862	0	26,862	0	0	0	0
Soybean Research and Promotion Council	1,176,375	1,176,375	0	0	0	0	0



TABLE 27. State agency expenditures for R&D, by state, department or agency, and function of R&D: FY 2015  
(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
Transportation, Department of	1,256,834	0	0	20,000	0	1,236,834	0
Weed and Pest Control Commission	37,767	37,767	0	0	0	0	0
Wheat Commission	500,000	500,000	0	0	0	0	0
Tennessee	3,828,567	0	0	571,871	0	3,256,696	0
Environment and Conservation, Department of	259,299	0	0	259,299	0	0	0
Geological Survey	312,572	0	0	312,572	0	0	0
Transportation, Department of	3,256,696	0	0	0	0	3,256,696	0
Texas	185,094,332	808,544	0	14,491,269	149,991,410	19,803,109	0
Agriculture, Department of	761,154	761,154	0	0	0	0	0
Cancer Prevention and Research Institute	145,241,410	0	0	0	145,241,410	0	0
Council on Alzheimer's Disease	4,750,000	0	0	0	4,750,000	0	0
Environmental Quality, Commission on	1,000,000	0	0	1,000,000	0	0	0
Parks and Wildlife Department	10,901,637	0	0	10,901,637	0	0	0
Transportation, Department of	19,803,109	0	0	0	0	19,803,109	0
Water Development Board	2,637,022	47,390	0	2,589,632	0	0	0
Utah	38,168,197	2,035,321	4,835,743	18,245,765	8,531,383	1,470,900	3,049,085
Agriculture and Food, Department of	431,198	431,198	0	0	0	0	0
Economic Development	2,107,486	0	782,000	315,000	1,010,486	0	0
Natural Resources, Department of	17,100,000	0	0	17,100,000	0	0	0
Science Technology and Research Initiative, Governor's Office of Economic Development	17,058,613	1,604,123	4,053,743	830,765	7,520,897	0	3,049,085
Transportation, Department of	1,470,900	0	0	0	0	1,470,900	0
Vermont	2,199,082	407,694	239,382	90,683	252,706	793,005	415,612
Agriculture, Food, and Markets, Agency of	582,420	407,694	116,484	58,242	0	0	0
Economic Development Authority	515,612	0	0	0	100,000	0	415,612
Human Services, Agency of	152,706	0	0	0	152,706	0	0
Natural Resources, Agency of	32,441	0	0	32,441	0	0	0
Public Service Department	122,898	0	122,898	0	0	0	0
Transportation, Agency of	793,005	0	0	0	0	793,005	0
Virginia	43,615,877	1,120,676	6,263,600	9,600,341	6,250,104	17,554,526	2,826,630
Aging and Rehabilitation, Department of	29,628	0	0	0	0	0	29,628
Agriculture and Consumer Services, Department of	1,075,676	1,075,676	0	0	0	0	0
Commonwealth Health Research Board	892,552	0	0	0	892,552	0	0
Environmental Quality, Department of	2,308,956	0	0	2,308,956	0	0	0
Forensic Science, Department of	271,000	0	0	0	0	0	271,000
Forestry, Department of	400,904	0	0	400,904	0	0	0
Foundation for Healthy Youth	640,933	0	0	0	640,933	0	0
Game and Inland Fisheries, Department of	1,689,294	0	0	1,689,294	0	0	0
General Services, Department of	55,000	45,000	0	0	10,000	0	0
Innovative Technology, Center for	3,914,000	0	450,000	0	1,500,000	0	1,964,000
Marine Resources Commission	2,226,921	0	0	2,226,921	0	0	0

TABLE 27. State agency expenditures for R&D, by state, department or agency, and function of R&D: FY 2015

(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
Mines, Minerals and Energy, Department of	2,192,061	0	1,062,540	1,129,521	0	0	0
Natural History, Museum of	650,570	0	0	650,570	0	0	0
Social Services, Department of	35,000	0	0	0	0	0	35,000
Tobacco Region Revitalization Commission	9,678,856	0	4,751,060	1,194,175	3,206,619	0	527,002
Transportation, Department of	17,554,526	0	0	0	0	17,554,526	0
Washington	36,918,558	10,120,251	0	9,698,425	8,364,171	5,450,000	3,285,711
Agriculture, Department of	2,500,896	2,500,896	0	0	0	0	0
Alfalfa Seed Commission	34,000	34,000	0	0	0	0	0
Archaeology and Historic Preservation, Department of	378,127	0	0	0	0	0	378,127
Asparagus Commission	62,000	62,000	0	0	0	0	0
Beef Commission	15,000	15,000	0	0	0	0	0
Blueberry Commission	150,000	150,000	0	0	0	0	0
Cranberry Commission	15,152	15,152	0	0	0	0	0
Dairy Products Commission	107,675	107,675	0	0	0	0	0
Dry Pea and Lentil Commission	262,570	262,570	0	0	0	0	0
Ecology, Department of	1,054,265	0	0	1,054,265	0	0	0
Fish and Wildlife, Department of	4,936,117	0	0	4,936,117	0	0	0
Fruit Commission	15,000	15,000	0	0	0	0	0
Grain Commission	2,391,171	2,391,171	0	0	0	0	0
Hop Commission	167,528	167,528	0	0	0	0	0
Labor and Industries, Department of	2,907,584	0	0	0	0	0	2,907,584
Life Sciences Discovery Fund	8,364,171	0	0	0	8,364,171	0	0
Mint Commission	24,147	24,147	0	0	0	0	0
Natural Resources, Department of	3,149,971	0	0	3,149,971	0	0	0
Oilseeds Commission	9,000	9,000	0	0	0	0	0
Pesticide Registration, Commission of	385,113	385,113	0	0	0	0	0
Potato Commission	854,111	854,111	0	0	0	0	0
Puget Sound Partnership	558,072	0	0	558,072	0	0	0
Red Raspberry Commission	268,388	268,388	0	0	0	0	0
Seed Potato Commission	20,000	20,000	0	0	0	0	0
Transportation, Department of	5,450,000	0	0	0	0	5,450,000	0
Tree Fruit Research Commission	2,640,000	2,640,000	0	0	0	0	0
Turfgrass Commission	23,500	23,500	0	0	0	0	0
Wine Commission	175,000	175,000	0	0	0	0	0
West Virginia	11,481,903	0	820,450	313,483	200,000	2,193,922	7,954,048
Geological and Economic Survey	3,084,623	0	820,450	233,487	0	0	2,030,686
Higher Education Policy Commission	6,189,639	0	0	79,996	200,000	0	5,909,643
Justice and Community Services, Division of	13,719	0	0	0	0	0	13,719
Transportation, Department of	2,193,922	0	0	0	0	2,193,922	0
Wisconsin	14,517,671	841,890	30,000	7,569,100	840,000	3,106,681	2,130,000
Agriculture, Trade and Consumer Protection, Department of	841,890	841,890	0	0	0	0	0
Economic Development Corporation	3,000,000	0	30,000	0	840,000	0	2,130,000

TABLE 27. State agency expenditures for R&D, by state, department or agency, and function of R&D: FY 2015  
(Dollars)

Department or agency	Total	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other <sup>a</sup>
Natural Resources, Department of	7,569,100	0	0	7,569,100	0	0	0
Transportation, Department of	3,106,681	0	0	0	0	3,106,681	0
Wyoming	5,160,617	0	349,552	3,824,884	0	986,181	0
Agriculture, Department of	100,000	0	0	100,000	0	0	0
Enhanced Oil Recovery Commission	250,000	0	250,000	0	0	0	0
Game and Fish Department	1,826,682	0	0	1,826,682	0	0	0
State Engineer, Office of	80,000		0	80,000	0	0	0
State Geological Survey	248,879	0	99,552	149,327	0	0	0
Transportation, Department of	986,181	0	0	0	0	986,181	0
Water Development Commission	468,875	0	0	468,875	0	0	0
Wildlife and Natural Resources Trust	1,200,000	0	0	1,200,000	0	0	0
Puerto Rico <sup>c</sup>	5,673,544	683,157	400,000	150,000	3,123,280	560,000	757,107
Agriculture, Department of <sup>d</sup>	649,048	649,048	0	0	0	0	0
Health, Department of	165,922	0	0	0	165,922	0	0
Highways and Transportation Authority	560,000	0	0	0	0	560,000	0
Hospital San Juan <sup>d,e</sup>	2,000,000	0	0	0	2,000,000	0	0
Institute of Statistics	568,480	34,109	0	0	96,642	0	437,729
Manufacturing Extension, Incorporated <sup>d</sup>	319,378	0	0	0	0	0	319,378
Mental Health and Anti-Addiction Services Administration <sup>d</sup>	410,716	0	0	0	410,716	0	0
Natural Resources, Department of	100,000	0	0	100,000	0	0	0
Science, Technology and Research Trust <sup>d</sup>	900,000	0	400,000	50,000	450,000	0	0

<sup>a</sup> Other functions include, but are not limited to, corrections, criminal justice, education, forensic science, labor, public safety, and social services.

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

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

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

<sup>e</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.