

TABLE 20. State agency expenditures for R&D for intramural performers, by state, department or agency, and source of funds: FY 2012  
(Dollars)

Department or agency	Total	Federal government	State	Other <sup>a</sup>
United States <sup>b</sup>	470,517,395	202,913,678	230,233,077	37,370,640
Alabama	8,612,718	5,140,528	1,954,202	1,517,988
Conservation and Natural Resources, Department of	1,118,905	911,872	207,033	0
Forensic Sciences, Department of	336,920	0	336,920	0
Geological Survey	2,588,932	1,194,261	1,061,542	333,129
Marine Environmental Science Consortium	4,567,961	3,034,395	348,707	1,184,859
Transportation, Department of	0	0	0	0
Alaska	5,346,296	1,096,722	4,108,526	141,048
Natural Resources, Department of	5,240,762	1,000,718	4,098,996	141,048
Transportation and Public Facilities, Department of	105,534	96,004	9,530	0
Arizona	13,303,829	10,639,826	2,190,203	473,800
Agriculture, Department of	0	0	0	0
Game and Fish Department	3,232,974	2,782,974	0	450,000
Geological Survey	7,333,195	6,813,352	519,843	0
Health Services, Department of	1,588,900	0	1,588,900	0
Transportation, Department of	1,148,760	1,043,500	81,460	23,800
Arkansas	3,006,648	1,972,971	1,033,677	0
Beef Council	0	0	0	0
Catfish Promotion Board	0	0	0	0
Corn and Grain Sorghum Board	0	0	0	0
Game and Fish Commission	568,314	568,314	0	0
Rice Research and Promotion Board	0	0	0	0
Science and Technology Authority	1,283,473	550,060	733,413	0
Soybean Promotion Board	0	0	0	0
State Highway and Transportation Department	1,154,861	854,597	300,264	0
Wheat Promotion Board	0	0	0	0
California	59,490,293	8,226,947	48,966,057	2,297,289
Air Resources Board	10,050,000	0	10,050,000	0
Children and Families Commission	0	0	0	0
Energy Commission	14,069,000	0	14,069,000	0
Environmental Health Hazard Assessment, Office of	12,430,573	0	10,149,624	2,280,949
Food and Agriculture, Department of	0	0	0	0
Forestry and Fire Protection, Department of	675,000	675,000	0	0
Institute for Regenerative Medicine	0	0	0	0
Motor Vehicles, Department of	1,437,293	907,810	526,143	3,340
Pesticide Regulation, Department of	5,395,000	0	5,395,000	0
Public Health, Genetic Disease, Department of	2,390,350	2,162,000	215,350	13,000
Public Health, Science and Education, Department of	800,000	50,000	750,000	0
Resources Recycling and Recovery, Department of	0	0	0	0
Seismic Safety Commission	0	0	0	0
Social Services, Department of	15,737	14,137	1,600	0
State Coastal Conservancy	0	0	0	0
State Hospitals, Department of	0	0	0	0
State Water Resources Control Board	0	0	0	0
Statewide Health Planning and Development, Office of	75,000	0	75,000	0
Transportation, Department of	10,997,000	4,418,000	6,579,000	0
Water Resources, Department of	1,155,340	0	1,155,340	0
Colorado	8,170,313	2,698,063	3,978,178	1,494,072
Economic Development and International Trade, Office of	0	0	0	0
Natural Resources, Department of	6,503,327	1,933,997	3,075,258	1,494,072
Public Health and Environment, Department of	0	0	0	0
Public Safety, Department of	902,386	152,386	750,000	0
Transportation, Department of	764,600	611,680	152,920	0
Connecticut	24,039,989	9,587,310	13,372,420	1,080,259
Agricultural Experiment Station	11,083,069	3,129,814	6,872,996	1,080,259

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Energy and Environmental Protection, Department of	7,540,617	4,138,356	3,402,261	0
Mental Health and Addiction Services, Department of	3,327,278	1,391,140	1,936,138	0
Public Health, Department of	211,025	0	211,025	0
Transportation, Department of	1,878,000	928,000	950,000	0
Delaware	2,181,693	503,109	1,633,584	45,000
Geological Survey	1,392,201	216,794	1,175,407	0
Natural Resources and Environmental Control, Department of	789,492	286,315	458,177	45,000
Transportation, Department of	0	0	0	0
District of Columbia	354,612	312,687	41,925	0
Health, Department of	144,988	144,988	0	0
Transportation, Department of	209,624	167,699	41,925	0
Florida	48,910,954	16,143,563	30,371,167	2,396,224
Agriculture and Consumer Services, Department of	3,256,399	1,953,168	1,303,231	0
Citrus, Department of	256,182	0	256,182	0
Environmental Protection, Department of	2,369,670	311,875	2,057,795	0
Fish and Wildlife Conservation Commission	43,028,703	13,878,520	26,753,959	2,396,224
Health, Department of	0	0	0	0
Space Florida	0	0	0	0
Transportation, Department of	0	0	0	0
Georgia	4,145,859	1,154,156	491,044	2,500,659
Herty Advanced Materials Development Center	2,500,000	0	0	2,500,000
Natural Resources, Department of	1,645,859	1,154,156	491,044	659
Transportation, Department of	0	0	0	0
Hawaii	4,267,994	3,073,977	944,017	250,000
Agriculture, Department of	490,000	240,000	0	250,000
Business, Economic Development, and Tourism, Department of	460,590	460,590	0	0
Health, Department of	190,000	130,000	60,000	0
Land and Natural Resources, Department of	2,891,404	2,243,387	648,017	0
Transportation, Department of	236,000	0	236,000	0
Idaho	7,179,818	5,382,647	1,069,027	728,144
Barley Commission	35,486	0	0	35,486
Bean Commission	75,021	46,633	28,388	0
Environmental Quality, Department of	0	0	0	0
Fish and Game, Department of	6,460,259	4,918,962	848,639	692,658
Potato Commission	99,652	99,652	0	0
Transportation Department	209,400	167,400	42,000	0
Water Resources, Department of	300,000	150,000	150,000	0
Wheat Commission	0	0	0	0
Illinois	1,618,580	1,208,580	410,000	0
Children and Family Services, Department of	0	0	0	0
Commerce and Economic Opportunity, Department of	0	0	0	0
Public Health, Department of	0	0	0	0
Transportation, Department of	1,618,580	1,208,580	410,000	0
Indiana	870,605	770,605	100,000	0
Criminal Justice Institute	245,000	245,000	0	0
Economic Development Corporation	0	0	0	0
Natural Resources, Department of	0	0	0	0
Transportation, Department of	625,605	525,605	100,000	0
Iowa	4,376,976	85,100	4,286,876	5,000
Economic Development Authority, Energy Office	0	0	0	0
Human Rights, Criminal and Juvenile Justice Planning, Division of	22,475	12,106	5,369	5,000
Natural Resources, Department of	3,278,552	0	3,278,552	0
Transportation, Department of	1,075,949	72,994	1,002,955	0

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Kansas	1,484,948	797,261	687,687	0
Transportation, Department of	1,484,948	797,261	687,687	0
Wheat Commission	0	0	0	0
Kentucky	2,893,270	1,785,044	1,108,226	0
Budget and Fiscal Management, Office of	350,000	0	350,000	0
Early Childhood, Governor's Office of	0	0	0	0
Economic Development, Cabinet for	0	0	0	0
Education Professional Standards Board	400,754	122,520	278,234	0
Energy Development and Independence, Department for	0	0	0	0
Fish and Wildlife Resources, Department of	2,104,516	1,624,524	479,992	0
Horse Racing Commission	0	0	0	0
Public Health, Department for	0	0	0	0
State Nature Preserves Commission	38,000	38,000	0	0
Louisiana	4,884,739	3,073,978	1,806,238	4,523
Coastal Protection and Restoration Authority	240,000	0	240,000	0
Transportation and Development, Department of	2,569,838	2,055,870	513,968	0
Wildlife and Fisheries, Department of	2,074,901	1,018,108	1,052,270	4,523
Maine	1,071,798	578,293	483,505	10,000
Agriculture, Conservation and Forestry, Department of	380,000	120,000	250,000	10,000
Drug Enforcement Agency	0	0	0	0
Environmental Protection, Department of	120,000	0	120,000	0
Inland Fisheries and Wildlife, Department of	0	0	0	0
Marine Resources, Department of	292,775	292,775	0	0
Technology Institute	0	0	0	0
Transportation, Department of	279,023	165,518	113,505	0
Maryland	513,661	255,161	258,500	0
Business and Economic Development, Department of	0	0	0	0
Health and Mental Hygiene, Department of	0	0	0	0
Natural Resources, Department of	323,661	103,161	220,500	0
Technology Development Corporation	0	0	0	0
Transportation, Department of	190,000	152,000	38,000	0
Massachusetts	917,177	222,525	608,251	86,401
Environmental Protection, Department of	172,480	12,673	159,807	0
Fish and Game, Department of	603,883	209,852	307,630	86,401
Mental Health, Department of	140,814	0	140,814	0
Public Health, Department of	0	0	0	0
Michigan	2,277,811	377,940	1,882,202	17,669
Agriculture and Rural Development, Department of	0	0	0	0
Natural Resources, Department of	577,811	377,940	182,202	17,669
Transportation, Department of	1,700,000	0	1,700,000	0
Minnesota	1,471,472	685,200	333,873	452,399
Agriculture, Department of	813,000	528,000	285,000	0
Forest Resources Council	45,273	0	45,273	0
Pollution Control Agency	0	0	0	0
Transportation, Department of	613,199	157,200	3,600	452,399
Mississippi	1,890,566	1,338,116	552,450	0
Transportation, Department of	939,416	751,533	187,883	0
Wildlife, Fisheries, and Parks, Department of	951,150	586,583	364,567	0
Missouri	7,274,626	536,210	6,738,416	0
Agriculture, Department of	0	0	0	0
Conservation, Department of	6,544,654	58,514	6,486,140	0
Natural Resources, Department of	135,541	73,483	62,058	0
Transportation, Department of	594,431	404,213	190,218	0

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Montana	1,669,440	1,276,389	291,451	101,600
Agriculture, Department of	0	0	0	0
Commerce, Department of	0	0	0	0
Environmental Quality, Department of	24,624	5,753	18,871	0
Fish, Wildlife and Parks	1,376,828	1,056,246	218,982	101,600
Natural Resources and Conservation, Department of	0	0	0	0
Transportation, Department of	267,988	214,390	53,598	0
Nebraska	303,472	0	153,383	150,089
Agriculture, Department of	0	0	0	0
Corn Board	0	0	0	0
Dry Bean Commission	150,089	0	0	150,089
Economic Development, Department of	0	0	0	0
Grain Sorghum Board	0	0	0	0
Natural Resources, Department of	150,169	0	150,169	0
Roads, Department of	0	0	0	0
Wheat Board	3,214	0	3,214	0
Nevada	376,301	272,189	104,112	0
Transportation, Department of	374,743	270,631	104,112	0
Wildlife, Department of	1,558	1,558	0	0
New Hampshire	760,392	268,077	492,315	0
Agriculture, Markets and Food, Department of	0	0	0	0
Resources and Economic Development, Department of	377,000	77,000	300,000	0
Transportation, Department of	383,392	191,077	192,315	0
New Jersey	2,952,996	1,028,398	1,924,598	0
Brain Injury Research, Commission on	127,675	0	127,675	0
Cancer Research, Commission on	0	0	0	0
Environmental Protection, Department of	1,456,100	80,500	1,375,600	0
Medical Research and Treatment of Autism, Governor's Council for	183,080	0	183,080	0
Spinal Cord Research, Commission on	133,028	0	133,028	0
Transportation, Department of	1,053,113	947,898	105,215	0
New Mexico	671,314	537,051	134,263	0
Transportation, Department of	671,314	537,051	134,263	0
New York	76,176,309	40,407,043	31,445,790	4,323,476
Agriculture and Markets, Department of	2,520,000	2,520,000	0	0
Empire State Development	767,676	0	767,676	0
Energy Research and Development Authority	8,668,393	0	8,668,393	0
Environmental Conservation, Department of	1,952,180	490,450	1,461,730	0
Health, Department of	51,713,113	35,288,047	12,275,356	4,149,710
State Museum	8,430,806	409,233	7,847,807	173,766
Transportation, Department of	2,124,141	1,699,313	424,828	0
North Carolina	20,437,242	2,383,073	17,922,150	132,019
Agriculture and Consumer Services, Department of	13,544,847	0	13,544,847	0
Environment and Natural Resources, Department of	4,852,395	751,073	3,969,303	132,019
Transportation, Department of	2,040,000	1,632,000	408,000	0
North Dakota	530,023	53,515	476,508	0
Agriculture, Department of	0	0	0	0
Lignite Research Council	297,134	0	297,134	0
Mineral Resources, Department of	5,000	0	5,000	0
Oil and Gas Program	97,997	0	97,997	0
Renewable Energy Research Program	62,998	0	62,998	0
Soybean Council	0	0	0	0
Transportation, Department of	66,894	53,515	13,379	0
Wheat Commission	0	0	0	0

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Ohio	2,246,092	750,847	1,495,245	0
Development Services Agency	0	0	0	0
Mental Health and Addiction Services, Department of	420,000	0	420,000	0
Natural Resources, Department of	1,528,995	750,847	778,148	0
Transportation, Department of	297,097	0	297,097	0
Oklahoma	1,057,822	936,422	21,400	100,000
Advancement of Science and Technology, Center for the	0	0	0	0
Agriculture, Food, and Forestry, Department of	5,000	0	5,000	0
Grand River Dam Authority	100,000	0	0	100,000
Health, State Department of	16,825	425	16,400	0
Sorghum Commission	0	0	0	0
Tobacco Settlement Endowment Trust	0	0	0	0
Transportation, Department of	935,997	935,997	0	0
Wheat Commission	0	0	0	0
Wildlife Conservation, Department of	0	0	0	0
Oregon	18,162,372	15,182,616	670,872	2,308,884
Agriculture, Department of	0	0	0	0
Fish and Wildlife, Department of	13,607,500	12,953,000	359,000	295,500
Forestry, Department of	21,379	0	21,379	0
Geology and Mineral Industries, Department of	3,853,022	1,684,652	154,986	2,013,384
Transportation, Department of	649,573	519,658	129,915	0
Watershed Enhancement Board	30,898	25,306	5,592	0
Pennsylvania	5,632,495	1,940,138	3,692,357	0
Agriculture, Department of	0	0	0	0
Community and Economic Development, Department of	0	0	0	0
Conservation and Natural Resources, Department of	210,638	25,402	185,236	0
Environmental Protection, Department of	468,953	414,327	54,626	0
Fish and Boat Commission	634,178	475,523	158,655	0
Game Commission	3,721,121	538,565	3,182,556	0
Health, Department of	0	0	0	0
Transportation, Department of	597,605	486,321	111,284	0
Rhode Island	20,000	16,000	4,000	0
Commerce Corporation	0	0	0	0
Transportation, Department of	20,000	16,000	4,000	0
South Carolina	49,917,998	39,696,933	9,355,856	865,209
Agriculture, Department of	0	0	0	0
Mental Health, Department of	88,450	0	0	88,450
Natural Resources, Department of	42,879,125	33,413,312	9,158,985	306,828
Research Authority	6,634,012	6,115,816	48,265	469,931
Sea Grant Consortium	307,007	160,000	147,007	0
Transportation, Department of	9,404	7,805	1,599	0
South Dakota	60,976	46,140	14,836	0
Agriculture, Department of	0	0	0	0
Game, Fish and Parks	0	0	0	0
Transportation, Department of	60,976	46,140	14,836	0
Tennessee	762,313	737,788	24,525	0
Environment and Conservation, Division of Archaeology, Department of	61,313	36,788	24,525	0
Environment and Conservation, Division of Remediation, Department of	681,000	681,000	0	0
Environment and Conservation, Division of Water Resources, Department of	20,000	20,000	0	0
Geological Survey	0	0	0	0
Transportation, Department of	0	0	0	0
Texas	12,375,067	1,458,020	10,903,691	13,356
Agriculture, Department of	0	0	0	0
Cancer Prevention and Research Institute	9,611,384	0	9,611,384	0
Environmental Quality, Commission on	0	0	0	0

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Health and Human Services Commission	160,000	136,000	24,000	0
Parks and Wildlife Department	1,085,874	714,338	358,180	13,356
Transportation, Department of	760,430	607,682	152,748	0
Water Development Board	757,379	0	757,379	0
Utah	17,654,475	864,475	3,890,000	12,900,000
Health, Department of	274,475	274,475	0	0
Natural Resources, Department of	16,400,000	0	3,500,000	12,900,000
Science Technology and Research Initiative, Governor's Office of Economic Development	0	0	0	0
Transportation, Department of	980,000	590,000	390,000	0
Vermont	1,074,198	703,760	370,438	0
Agriculture, Food, and Markets, Agency of	602,577	300,000	302,577	0
Human Services, Agency of	160,853	160,853	0	0
Natural Resources, Agency of	107,310	80,141	27,169	0
Transportation, Agency of	203,458	162,766	40,692	0
Virginia	8,766,523	3,424,350	5,336,629	5,544
Agriculture and Consumer Services, Department of	0	0	0	0
Consolidated Laboratory Services, Department of	303,000	91,000	212,000	0
Corrections, Department of	1,085,144	0	1,085,144	0
Forensic Science, Department of	159,944	5,944	154,000	0
Innovative Technology, Center for	260,000	60,000	200,000	0
Marine Resources Commission	0	0	0	0
Mines, Minerals and Energy, Department of	1,446,394	771,563	674,831	0
Natural History, Museum of	559,119	1,614	551,961	5,544
Transportation, Department of	4,952,922	2,494,229	2,458,693	0
Washington	12,875,297	5,328,219	5,336,236	2,210,842
Agriculture, Department of	0	0	0	0
Archaeology and Historic Preservation, Department of	234,565	234,565	0	0
Ecology, Department of	144,000	12,000	132,000	0
Fish and Wildlife, Department of	4,805,913	2,566,271	782,297	1,457,345
Grain Commission	0	0	0	0
Labor and Industries, Department of	2,811,637	921,767	1,889,870	0
Life Sciences Discovery Fund	1,525,000	0	1,525,000	0
Natural Resources, Department of	1,283,464	278,500	792,867	212,097
Potato Commission	116,400	0	0	116,400
Puget Sound Partnership	12,300	6,150	6,150	0
Red Raspberry Commission	0	0	0	0
Transportation, Department of	1,517,018	1,308,966	208,052	0
Tree Fruit Research Commission	425,000	0	0	425,000
Wine Commission	0	0	0	0
West Virginia	4,965,278	3,011,107	1,591,497	362,674
Agriculture, Department of	206,137	206,137	0	0
Geological and Economic Survey	1,252,640	489,908	675,058	87,674
Higher Education Policy Commission	976,528	412,207	564,321	0
Justice and Community Services, Division of	11,973	2,855	9,118	0
Transportation, Department of	2,518,000	1,900,000	343,000	275,000
Wisconsin	6,896,219	4,694,776	2,128,209	73,234
Agriculture, Trade and Consumer Protection, Department of	213,915	213,915	0	0
Economic Development Corporation	0	0	0	0
Natural Resources, Department of	6,350,648	4,215,536	2,061,878	73,234
Transportation, Department of	331,656	265,325	66,331	0
Wyoming	3,615,536	249,833	3,042,465	323,238
Agriculture, Department of	0	0	0	0
Environmental Quality, Department of	0	0	0	0
State Geological Survey	2,482,744	48,131	2,111,375	323,238

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Game and Fish Department	380,424	24,439	355,985	0
Transportation, Department of	752,368	177,263	575,105	0
Water Development Commission	0	0	0	0
Puerto Rico <sup>c</sup>	6,360,716	4,070,151	1,323,936	966,629
Agriculture, Department of	507,174	316,050	191,124	0
Health, Department of	3,122,975	2,276,005	846,970	0
Highways and Transportation Authority	0	0	0	0
Hospital San Juan <sup>d, e</sup>	1,933,258	966,629	0	966,629
Institute of Statistics	11,774	0	11,774	0
Manufacturing Extension, Incorporated <sup>d</sup>	380,860	106,792	274,068	0
Mental Health and Anti-Addiction Services Administration <sup>d</sup>	404,675	404,675	0	0
Science, Technology and Research Trust	0	0	0	0

<sup>a</sup> Other includes primarily other state governments and city, county, regional, township, or other local governments; it also includes nonprofit organizations and companies.

<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.

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

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