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

All R&D Intramural Companies and Department or agency expenditures performers ^a Total Academic individuals ^b Other ^c	(Dollars)			Extramural performers				
Defend Sales		All R&D	Intramural					
Alicanian	Department or agency	expenditures	performers ^a	Total	Academic	individuals ^b	Other ^c	
Education Department of Educ	United States ^d	2,205,146,613	581,667,140	1,623,479,473	951,095,709	449,158,167	223,225,597	
Proventix Change Partment of 1	Alabama	24,486,963	6,167,637	18,319,326	14,702,754	0	3,616,572	
Formation	Choctawhatchee, Pea and Yellow River Watershed Management Authority	6,340	0	6,340	0	0	6,340	
Possis Sciences Department of Caclogical Survey	Education, Department of	46,000	46,000	0	0	0	0	
Conception Fund	•	120,724	120,724	0	0	0	0	
Marine Fundomental Science Consortum, Dauphin Island Sea lab 596,377 0 596,371 5.00,571 0 0 0 0 0 0 0 0 0	·			0	0	0	0	
Martine Furvornmental Schene Consortium, Dauphin Island Sea Lab 3,465,662 3,045,662 3,00 3,000 2,862,832 3,000		5,950,371	0	5,950,371	5,202,571	0	747,800	
Supercomputer Authority 3,788.74 0.0 3,786.74 0.0	Marine Environmental Science Consortium, Dauphin Island Sea Lab	3,645,662	3,645,662		0	0	0	
Massia 1128 123	·	3,788,249	0	3,788,249	925,817	0	2,862,432	
Patient Pati		8,574,366	0	8,574,366	8,574,366	0		
Poperatment of	Alaska	11,258,203	9,464,543	1,793,660	567,720	435,000	790,940	
Part	Natural Resources, Division of Geological and Geophysical Surveys,							
Arizona 14,942,124 8.268,168 6,673,956 2,377,380 4,211,395 8,181 Agriculture. Department of 818,816 0 818,16 769,216 0 4,00 Game and Fish Department 4,313,702 4,095,121 254,581 191,000 28,000 35,81 Geological Survey 3,256,000 3,256,000 1,341,659 1,389,331 2,952,238 0 Health Services, Department of 1,258,900 0 1,258,900 1,289,000 2,7333 1,231,067 0 Alkarsas 16,642,711 660,969 15,981,742 15,281,405 700,337 0 Codifish Fromotion Board 2,755,00 0 40,759 40,759 40,759 0 0 Catish Fromotion Board 2,796,500 3,100,700 7,79,000 7,79,000 7,79,000 0 0 Stabe Highway and Transportation Department 1,486,000 2,996,500 3,00 0 0 Stabe Highway and Transportation Department of 1,485,41 1,441,541 1,441,541 <td>Department of</td> <td>9,257,543</td> <td>9,257,543</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	Department of	9,257,543	9,257,543	0	0	0	0	
Agriculture. Department of Game and Fish Department 818.816 0 818.816 769.215 10,000 28.00 35,801 Geological Survey 3256.000 3 5 6 0 <t< td=""><td>Transportation and Public Facilities, Department of</td><td>2,000,660</td><td>207,000</td><td>1,793,660</td><td>567,720</td><td>435,000</td><td>790,940</td></t<>	Transportation and Public Facilities, Department of	2,000,660	207,000	1,793,660	567,720	435,000	790,940	
Gene and Fish Department 4,313,702 4,099,121 254,581 191,000 28,000 3,581 Geological Survey 3,256,000 3,256,000 3,256,000 4,341,659 1,389,331 2,952,232 0 Iransportation, Department of 1,258,900 60,909 1,589,104 27,833 1,231,067 0 Arkansas 16,642,711 60,999 1,589,174 1,581,000 0	Arizona	14,942,124	8,268,168	6,673,956	2,377,380	4,211,395	85,181	
Secological Survey	Agriculture, Department of	818,816	0	818,816	769,216	0	49,600	
Health Services, Department of 1,284,700 953,047 4,341,659 13,89,331 2,952,328 0.0 Transportation, Department of 1,285,8700 1,285,8700 1,285,8700 0.0 0.0 Arkansas 16,642,711 660,969 15,981,742 15,281,405 700,337 0.0 Beef Council 40,750 0.0 40,750 0.0 0.0 Calfish Promotion Board 779,000 0.0 779,000 779,000 0.0 Corn and Grain Sorghum Board 779,000 0.0 779,000 779,000 0.0 Economic Development Commission 8,067,653 444,969 7,622,684 7,042,684 580,000 0.0 Rice Research and Promotion Board 3,007,07 0.0 3,010,070 2,996,500 2,996,500 0.0 Soybean Promotion Board 3,107,07 0.0 3,107,07 2,980,370 120,337 0.0 State Highway and Transportation Department 1,486,000 216,000 1,270,000 1,270,000 0.0 Wheat Promotion Board 144,541 0.0 144,541 144,541 0.0 0.0 California 500,071,595 55,223,244 444,843,51 507,483,829 170,379,215 66,985,307 Air Resources Board 18,218,725 18,003,660 7,415,605 6,815,065 6,985,307 California 500,071,595 55,223,444 444,843,51 507,483,829 170,379,215 66,985,307 California 500,071,595 55,223,444 444,843,51 507,483,829 170,379,215 66,985,307 California 500,071,595 55,223,444 444,843,51 500,000 0.0 0.0 Community Services and Development, Department of 500,000 0.0 0.0 0.0 Community Services and Development, Department of 500,000 0.0 0.0 0.0 Dela Slewardship Council 500,000 500,000 500,000 500,000 500,000 500,000 Energy Commission 40,404,609 0.0 44,94,600 0.0 0.0 Energy Commission 500,000 500,00	Game and Fish Department	4,313,702	4,059,121	254,581	191,000	28,000	35,581	
Part	Geological Survey	3,256,000	3,256,000	0	0	0	0	
Arkansas 16.642,711 660,099 15,981,742 15,281,405 700,337 0.0 Bee Council 40,750 0 40,750 40,750 0 0 Catifish Promotion Board 27,560 0 27,560 0 27,560 0 0 Economic Development Commission 8,067,653 444,969 7,622,684 7,042,684 580,000 0 0 Rice Research and Promotion Board 3,100,707 0 3,100,707 2,996,500 2,996,500 10 0	Health Services, Department of	5,294,706	953,047	4,341,659	1,389,331	2,952,328	0	
Beef Council 40,750 0 40,750 0 40,750 0 0 Calfish Promotion Board 27,560 0 27,560 0 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 0 2,996,500 0 2,996,500 0 0 State Highway and Transportation Department 1,486,000 216,000 1,270,000 1,270,000 120,003 120,303 10 0 California 500,71595 52,232,444 444,848,31 144,541 1 144,541 1 170,790,00 170,379,215 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 182,187,25 10,803,660 7,415,065 6,815,065 0 100,000 Corrections and Rehabilities Department of 100,000 0 100,000 0	Transportation, Department of	1,258,900	0	1,258,900	27,833	1,231,067	0	
Calfish Promotion Board 27,560 0 27,560 27,560 0 0 Com and Grain Sorghum Board 779,000 0 779,000 0 0 0 Rice Research and Promotion Board 2,996,500 0 2,996,500 2,996,500 0 0 Solybean 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 0 0 Wheat Promotion Board 500,071,595 55,223,244 444,848,351 207,483,829 170,379,215 66,985,007 Air Resources Board 18,218,725 10,803,660 7,415,065 6,815,065 0 600,000 Children and Famillies Commission 935,000 0 70,000 0 100,000 Corrections and Rehabilitation, Department of 6,300,000 0 100,000 70,000 0 100,000 Energy Commission 2,945,000 0 0 0 0 0 0	Arkansas	16,642,711	660,969	15,981,742	15,281,405	700,337	0	
Corn and Grain Sorghum Board 779,000 779,000 779,000 70 700 700 80,000 0	Beef Council	40,750	0	40,750	40,750	0	0	
Corn and Grain Sorghum Board 779,000 779,000 779,000 70 700 700 80,000 0	Catfish Promotion Board	27,560	0	27,560	27,560	0	0	
Economic Development Commission 8.067,653 444,969 7,622,684 7,042,684 580,000 0.0 Rice Research and Promolion Board 2,996,500 0.0 0.0 0.0 Soybean Promolion Board 3,100,707 0.3,100,707 2,980,370 12,0337 0.0 Slate Highway and Transportation Department 1,486,000 216,000 1,270,000 1,270,000 0.0 Wheat Promolion Board 144,541 0.0 144,541 144,541 0.0 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 0.0 60,000 Children and Families Commission 935,000 0.0 935,000 755,000 0.0 185,000 Community Services and Development, Department of 100,000 6,300,000 0.0 755,000 0.0 0.0 Corrections and Rehabilitation, Department of 6,300,000 6,300,000 0.0 0.0 0.0 Energy Commission 194,354,000 360,000 0.0 0.0 0.0 Energy Commission 194,354,000 360,000 0.0 0.0 0.0 Fish and Wildlife, Department of 4,041,669 0.0 4,041,669 3,906,224 47,347 88,098 Forestry and Fire Protection, Department of 4,041,669 0.0 673,655 337,381 0.0 0.0 Industrial Relations, Department of 4,041,669 0.0 673,655 337,381 0.0 0.0 Industrial Relations, Department of 4,041,669 0.0 679,000 0.0 0.0 Industrial Relations, Department of 4,041,669 0.0 679,000 0.0 0.0 Industrial Relations, Department of 4,041,669 0.0 679,000 0.0 0.0 Public Health, Food and Drug Branch, Science and Education, Department of 6,300,000 0.0 0.0 0.0 Public Health, Food and Drug Branch, Science and Education, Department of 6,300,000 0.0 0.0 0.0 Public Health, Fenetic Disease, Department of 6,300,000 0.0 0.0 0.0 Public Health, Fenetic Disease, Department of 6,300,000 0.0 0.0 0.0 Public Health, Fenetic Disease, Department of 6,300,000 0.0 0.0 0.0 Public Health, Genetic Disease, Department	Corn and Grain Sorghum Board		0		779,000	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 1,44,541 1,44,541 0 0 California 500,071,595 55,232,244 444,848,351 207,483,829 170,379,215 66,985,307 Air Resources Board 18,218,725 10,803,660 7,415,606 6,815,006 0 <td></td> <td>8,067,653</td> <td>444,969</td> <td>7,622,684</td> <td>7,042,684</td> <td>580,000</td> <td>0</td>		8,067,653	444,969	7,622,684	7,042,684	580,000	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 1,44,541 1,44,541 0 0 California 500,071,595 55,232,244 444,848,351 207,483,829 170,379,215 66,985,307 Air Resources Board 18,218,725 10,803,660 7,415,606 6,815,006 0 <td>Rice Research and Promotion Board</td> <td>2,996,500</td> <td>0</td> <td>2,996,500</td> <td>2,996,500</td> <td>0</td> <td>0</td>	Rice Research and Promotion Board	2,996,500	0	2,996,500	2,996,500	0	0	
State Highway and Transportation Department 1.486,000 216,000 1.270,000 1.270,000 0 Wheat Promotion Board 144,541 0 144,541 144,541 144,541 0 0 California 500,071,595 55,223,244 444,848,351 207,483,829 170,379,215 66,985,307 Air Resources Board 182,187,75 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			0			120,337	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 7,415,056 6,815,065 0 600,000 Children and Families Commission 935,000 0 935,000 750,000 0 100,000 Community Services and Development, Department of 100,000 6,300,000 100,000 0 0 0 100,000 Corrections and Rehabilitation, Department of 6,300,000 2,850,000 2,850,000 0			216,000		1,270,000	0	0	
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 0 100,000 Delta Stewardship Council 2,850,000 2,850,000 2,850,000 194,354,000 38,870,800 132,160,720 23,322,480 Energy Commission 117,795,522 11,366,608 428,914 429,914 0		144,541	0	144,541		0	0	
Children and Families Commission 935,000 0 935,000 750,000 0 185,000 Community Services and Development, Department of 100,000 6,300,000 6,300,000 0 100,000 0 0 0 100,000 Corrections and Rehabilitation, Department of 6,300,000 6,300,000 0<	California	500,071,595	55,223,244	444,848,351	207,483,829	170,379,215	66,985,307	
Community Services and Development, Department of Corrections and Rehabilitation, Department of 6,300,000 6,300,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Air Resources Board	18,218,725	10,803,660	7,415,065	6,815,065	0	600,000	
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 <td>Children and Families Commission</td> <td>935,000</td> <td>0</td> <td>935,000</td> <td>750,000</td> <td>0</td> <td>185,000</td>	Children and Families Commission	935,000	0	935,000	750,000	0	185,000	
Della 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 0 Food and Agriculture, Department of 4,041,669 0 4,041,669 330,302,244 473,47 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 0 659,000 659,000 659,000 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 Public Health, Environmental Health Laboratory Branch, Science and Ed	Community Services and Development, Department of	100,000	0	100,000	0	0	100,000	
Energy Commission 194,354,000 0 194,354,000 38,870,800 132,160,720 23,322,480 Environmental Health Hazard Assessment, Office of Fish and Wildlife, Department of Food and Agriculture, Department of Food and Education, Department of Food Space Forestry and Fire Protection, Department of Food Space Forestry and Fire Protection, Department of Food Space	Corrections and Rehabilitation, Department of	6,300,000	6,300,000	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 Fish and Wildlife, Department of Food and Agriculture, Department of Food and Education, Department of Food Space Forestry and Fire Protection, Department of Food Space Forestry and Fire Protection, Department of Food Space	Delta Stewardship Council	2,850,000	2,850,000	0	0	0	0	
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 0 659,000 659,000 659,000 0 0 Industrial Relations, Department of 40,682 0 40,682 40,682 0 1,868,000 0 0 0 0 0 0 0 0 0		194,354,000	0	194,354,000	38,870,800	132,160,720	23,322,480	
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 0 659,000 659,000 659,000 0 0 Industrial Relations, Department of 40,682 0 40,682 40,682 31,018,792 33,032,265 34598,211 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 0 Public Health, Environmental Health Laboratory Branch, Department of 250,000 0 0 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 0	Environmental Health Hazard Assessment, Office of	11,795,522	11,366,608	428,914	428,914	0	0	
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	Fish and Wildlife, Department of	360,000	360,000	0	0	0	0	
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	·	4,041,669	0	4,041,669	3,906,224	47,347	88,098	
Horse Racing Board 659,000 0 659,000 659,000 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 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		1,143,564	469,909					
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		659,000	0	659,000	659,000	0	0	
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	Industrial Relations, Department of	40,682	0	40,682	40,682	0	0	
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	Institute for Regenerative Medicine	198,649,268	0	198,649,268	131,018,792	33,032,265	34,598,211	
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 0 Public Health, Food and Drug Branch, Science and Education, Department of 1,000,000 1,000,000 0 0 0 0 0 Public Health, Genetic Disease, Department of 603,000 603,000 0			1,175,660					
Public Health, Environmental Health Laboratory Branch, Department of Public Health, Food and Drug Branch, Science and Education, Department of Department Department of Department Department of Department Departme	·						1,868,000	
Public Health, Food and Drug Branch, Science and Education, Department of 1,000,000 1,000,000 <			250,000			0		
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 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		4 000 000	4 000 000		•	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		1,000,000	1,000,000	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	Public Health, Genetic Disease, Department of	603,000	603,000	0	0	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		1,135,474	0	1,135,474	1,135,474	0	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	Resources Recycling and Recovery, Department of	1,844,832	0		412,804	1,432,028	0	
Social Services, Department of 100,826 100,826 0 0 0 0			0		870,990	49,500	0	
		100,826	100,826	0	0		0	
				68,833	0	0	68,833	

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

	All Do D		Extramural performers				
Department or agency	All R&D expenditures	Intramural performers ^a	Total	Academic	Companies and individuals ^b	Other ^c	
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	1 222 000	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	1 117 400	1,363,958	1,363,958	0	0	
Transportation, Department of	5,409,867	1,117,480	4,292,387	4,292,387		U	
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	10,000 141,621	10,000 0	0 141,621	0 121,405	0 20,216	0	
Transportation, Department of			,		20,210		
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 Water and Sewer Authority	903,377 2,000,000	395,708 1,000,000	507,669 1,000,000	407,669 550,000	100,000 300,000	0 150,000	
,							
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 Space Florida	101,063,013 1,350,000	0	101,063,013 1,350,000	64,884,100 350,000	0 1,000,000	36,178,913 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	1,707,227	1,276,375	0,417,003	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	
ldaho	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		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)

		_	Extramural performers					
Department or agency	All R&D	Intramural	Tatal		Companies and	Other ^c		
Department or agency	expenditures	performers ^a	Total	Academic	individuals ^b			
Pea and Lentil Commission	144,725	0	144,725	144,725	0	75 (2)		
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	000.777	200,000	0		
Wheat Commission	938,666	7,500	931,166	900,666	0	30,500		
Illinois	30,817,406	1,550,890	29,266,516	16,711,913	7,639,281	4,915,322		
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		
Indiana	9,987,058	657,583	9,329,475	8,853,091	362,384	114,000		
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		
Iowa	11,277,534	3,696,335	7,581,199	5,998,277	1,582,922	0		
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		
Kansas	5,469,052	1,333,800	4,135,252	2,684,331	0	1,450,921		
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		
Kentucky	17,256,496	2,734,444	14,522,052	8,562,064	5,645,489	314,499		
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	0.00,000	1,667,000	1,667,000	0	011,177		
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		
Laukiana	22 175 100		22.040.000	E 0E0 444	14 000 E02	1 771		
Louisiana Agriculture and Farcetty, Department of	32,175,199	9,325,390	22,849,809	5,959,446	16,888,592	1,771 0		
Agriculture and Forestry, Department of	9,167	075 200	9,167	9,167	14 200 502			
Coastal Protection and Restoration Authority Transportation and Development, Department of	18,116,032 11,000,000	875,390 6,000,000	17,240,642 5,000,000	950,279	16,288,592 500,000	1,771 0		
Wildlife and Fisheries, Department of	3,050,000	2,450,000	600,000	4,500,000 500,000	100,000	0		
'								
Maine	12,609,815	2,911,504	9,698,311	813,605	8,794,706	90,000		
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		

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

		_	Extramural performers				
Department or agency	All R&D expenditures	Intramural performers ^a	Total	(Academic	Companies and individuals ^b	Other ^c	
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	0,500,000	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	

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

		,	Extramural performers				
Department or agency	All R&D expenditures	Intramural performers ^a	Total	(Academic	Companies and individuals ^b	Other ^c	
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	3,073	100,000	1,367,007	1,310,200	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	1 044 000	1,500,000	1,500,000	120,000	0	
Environmental Protection, Department of Health, Department of	2,721,846 10,980,769	1,864,000 0	857,846 10,980,769	737,846 9,573,178	120,000 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	1,407,391	
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 People with Developmental Disabilities, Office of	132,887,190 4,228,430	117,117,415 4,228,430	15,769,775 0	15,769,775 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	013,147	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	0 400 977	0	242.027	70,000	
Lignite Research Council Oil and Gas Research Program	943,377 4,017,199	252,500 52,557	690,877 3,964,642	357,940 3,258,625	262,937 326,125	70,000 379,892	
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	0,000	
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)

			Extramural performers				
Donartment or agency	All R&D	Intramural	Total		Companies and	Other ^c	
Department or agency	expenditures	performers ^a		Academic	individuals ^b		
Ohio Development Services Agency	94,299,294	864,161	93,435,133	7,714,186	85,415,055	305,892	
Development Services Agency Mental Health and Addiction Services, Department of	83,483,581 820,000	0 190,000	83,483,581 630,000	420,000	83,483,581 0	0	
·	1,201,332	564,161	637,171	630,000 637,171	0	0	
Natural Resources, Department of	7,022,666	110,000	6,912,666	4,915,362		65,830	
Transportation, Department of Water Development Authority	1,771,715	110,000	1,771,715	1,531,653	1,931,474 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	2,313,770	0	1,033,047	03,000	
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	200,000	55,000	0	0	55,000	
South Carolina							
	27,419,285 498,748	22,351,601 0	5,067,684 498,748	3,245,102 498,748	337,270 0	1,485,312 0	
Agriculture, Department of	78,500		498,748 78,500	78,500	0	0	
Commerce, Department of		0					
Mental Health, Department of	100,884	20,000,044	100,884	100,884	24 720	1 001 445	
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 Transportation, Department of	1,067,761 1,854,955	145.405	1,067,761	981,951	0	85,810 260,825	
CLAUSDODIATION CLEDATIMENT OF	1 X54 4 55	145,485	1,709,470	1,448,645	0	76H X 75	

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

			Extramural performers				
Department or agency	All R&D expenditures	Intramural performers ^a	Total	Academic	Companies and individuals ^b	Other ^c	
South Dakota	4,211,838	240,000	3,971,838	2,632,748	868,290	470,800	
Corn Utilization Council	1,154,000	240,000	1,154,000	923,200	000,270	230,800	
Oilseeds Council	45,000	0	45,000	45,000	0	230,000	
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	240,000	37,767	37,767	000,290	20,000	
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	27,423,243	0	2,301,000	0,017,175	
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	2,300,730	0	0	1,370,003	
Forestry, Department of	400,904	271,000	400,904	36,827	364,077	0	
Foundation for Healthy Youth	640,933	0	640,933	640,933	304,077	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	1,009,294	1,400,099	10,210	217,300	
Innovative Technology, Center for	3,914,000	1,114,000	2,800,000	1,450,000	1,050,000	300,000	
Marine Resources Commission	3,914,000 2,226,921		2,800,000	2,226,921	0 000,000	300,000	
		1 220 660					
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	0 470 054	(121 555	0	0	
Tobacco Region Revitalization Commission	9,678,856	10.714.7//	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 arganny experiment or organny Total Land Academic Includible Includible Washington 3.69 8,555 (19.00%) 2.500,996 (19.25%) </th <th></th> <th></th> <th>Extramural pe</th> <th></th> <th></th> <th></th> <th></th>			Extramural pe				
Washington 36,918,558 10,470,091 26,448,467 23,594,015 642,182 Agriculture, Department of 2,500,896 0 2,500,896 1,725,792 295,761 Attafa Seed Commission 340,000 0 340,000 0 </th <th>Other</th> <th></th> <th></th> <th>Total</th> <th>Intramural performers^a</th> <th>All R&D expenditures</th> <th>Department or agency</th>	Other			Total	Intramural performers ^a	All R&D expenditures	Department or agency
Agriculture, Department of 2500,896 0 2500,896 1,725,782 297,761 Affalfa Saced Commission 34000 0 34,000 0	2,212,270		23.594.015	26.448.467			
Air Land Seed Commission 34,000 0 34,000 30 Archaeology and Historic Preservation, Department of Arparagus Commission 52,000 0 62,000 10 Bed Commission 15,000 0 15,000 15,000 0 Bushebrry Commission 15,152 0 15,152 15,152 15,152 15,152 15,152 10 Daily Potoutic Scommission 10,645 0 15,152 15,152 10 12,833 Dry Pea and Lettil Commission 26,2570 10 26,2570 26,2570 0 0 0 0 Ecloday, Department of 1,936,117 4936,117 0 2,391,717 0 2,391,717 0 2,391,717 0 </td <td>479,353</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9</td>	479,353						9
Archaeology and Historic Preservation, Department of Asparagus Commission 378 127 (a) 20 (a) 200 (b) 200 (b) 200 (c) 2	·						=
Bluebery Commission 15,000 0 15,000 15,000 0 Crarberry Commission 15,152 0 15,152 15 Daily Products Commission 107,675 0 15,152 7,275 Dry Pea and Lentil Commission 26,2570 0 26,2570 7,275 Ecology, Department of 1,044,265 899,377 154,888 154,888 0 Fish and Wildfills, Department of 4,936,117 4,936,117 0 15,000 15,000 0 Fish Commission 2,591,711 0 2,991,711 0 15,000 10 Gran Commission 2,991,711 0 1,57,528 0 <	C	0		0	378,127	378,127	
Blueberry Commission 150,000 1	C	0	62,000	62,000		62,000	
Caraberry Commission 15,152 0 15,152 15,152 0 Dairy Products Commission 107,675 0 107,675 74,910 1,283 Dry Pea and Lentil Commission 262,577 0 262,570 262,570 0 Ecology, Department of 1,054,265 899,377 154,888 154,888 0 Fish and Wildliffe, Department of 4,936,117 4,936,117 0 0 0 Full Commission 15,000 15,000 15,000 0 0 Carlo Commission 167,528 0 15,7528 167,528 0 Labor and Industries, Department of 2,907,584 2,907,584 0 0 0 Life Sciences Discovery fund 8,341,71 0 8,341,71 3 0 8,341,71 0 Mill Commission 3,149,971 1,33,588 181,313,385 286,170 0 0 Oliseeds Commission 9,000 9,000 9 0 0 0 0 0 0	C	0	15,000	15,000	0	15,000	Beef Commission
Daily Products Commission 107,675 0 107,675 74,910 1,283 Dry Pea and Lertill Commission 262,570 0 262,570 0 262,570 0 Esclogy, Department of 1,054,265 899,377 154,888 154,888 0 Fish and Wildlife, Department of 4,936,117 0 15,000 0 Grain Commission 2,391,771 0 2,391,771 2,391,771 2,391,771 0 Labor and Industries, Department of 2,907,844 2,007,844 0 0 0 Labor and Industries, Department of 2,907,844 2,007,944 0 0 0 Labor and Industries, Department of 3,844,171 0 8,344,171 0 4,417 0 0 4,417 0	0	0	150,000	150,000	0	150,000	Blueberry Commission
Dy Pea and Lenil Commission 202,570 0 202,570 0 154,888 154,888 0 0 0 0 0 0 0 0 0	C	0	15,152	15,152	0	15,152	Cranberry Commission
Ecology Department of	31,482	1,283	74,910	107,675	0	107,675	
Fixial Action Fixial Action Fixial Action Fixial Commission 15,000 0 15,000 15,000 0 0 0 0 0 0 0 0 0	C	0					
Fruit Commission 15,000 0 15,000 2,591,171 0 2,391,171 0 16,7528 0.0 0.0 16,7528 0.0 0.0 0.0 24,177 0 0 24,177 0 0 24,177 0 0 0 24,177 0 0 1 0 0 0 0	C						
Grain Commission 2,391,171 0 2,391,171 2,391,171 0 167,528 0 167,528 0 Labor and Industries, Department of Resources Discovery Fund 8,364,171 0 8,364,171 8,364,171 0 Mint Commission 24,147 0 24,147 24,147 0 24,147 24,147 0 Oilseeds Commission 9,000 0 9,000 9,000 0 9,000 0 9,000 2 0 0 2 0 0 1 1,14 0 1 1,14 1,14 1,14 1,14 <t< td=""><td>C</td><td></td><td></td><td></td><td></td><td></td><td>· ·</td></t<>	C						· ·
Hop Commission	C						
Labor and Industries, Department of 2,907,584 2,907,584 0 0 0 Life Sciences Discovery Fund 8,364,171 0 8,364,171 0 8,364,171 0 Natural Resources, Department of Oilseeds Commission 9,000 0 9,000 9,000 0 854,111 1 0 854,111 1 0 854,111 1 0 854,111 1 0 86,211 1 1,1 0 2,2 2,007 131,4,95 8,28,388 228,745 134,45 3,84 28,2 2,2 2,000 0	C						
Life Sciences Discovery Fund 8,364,171 0 8,364,171 0 24,147 24,147 24,147 24,147 24,147 0 24,147 24,147 0 24,147 0 24,147 0 0 24,147 0	0						·
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Natural Resources, Department of Oilseeds Commission 3,149,971 1,336,586 1,813,385 286,150 0 Pesticide Registration, Commission of Potato Commission 385,113 0 385,113 385,113 0 Potato Commission 884,111 0 884,111 884,111 864,111 0 Pugel Sound Partmership 558,072 12,300 545,772 266,077 131,495 Red Raspberry Commission 268,388 0 268,388 228,745 133,643 Seed Potato Commission 20,000 0 20,000 0 20,000 0 Tree Fruit Research Commission 2,640,000 0 2,640,000 0 2,550,000 20 Turgrass Commission 23,500 0 175,000 0 175,000 0 West Virginia 11,481,903 4,728,205 6,753,698 5,793,626 297,103 Geological and Economic Survey 3,084,623 1,879,326 1,205,297 245,225 297,103 Higher Education Policy Commission 6,189,639 641,23	0						,
Oilseeds Commission 9,000 0 9,000 9,000 0 Pesticide Registration, Commission of 385,113 0 385,113 385,113 385,113 385,113 0 Potato Commission 884,111 0 884,111 0 884,111 884,111 0 Puget Sound Partnership 558,072 12,300 545,772 266,077 131,495 Red Raspberry Commission 20,000 0 263,388 228,745 13,643 Seed Potato Commission 20,000 0 5,450,000 5,250,000 200,000 Transportation, Department of 5,450,000 0 5,450,000 5,260,000 20 Tree Fruit Research Commission 2,640,000 0 2,640,000 2,640,000 2,640,000 0 Turgrass Commission 175,000 0 175,000 0 175,000 0 Wine Commission 175,000 0 175,000 0 175,000 0 175,000 0 West Virginia 11,481,903	1 527 225						
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Seed Polato Commission 20,000 0 20,000 20,000 20,000 Transportation, Department of 5,450,000 0 5,450,000 20,000 20,000 Tree Fruit Research Commission 2,640,000 0 2,640,000 2,640,000 2,640,000 0 Wine Commission 23,500 0 23,500 23,500 0 Wine Commission 175,000 0 175,000 175,000 0 West Virginia 11,481,903 4,728,205 6,753,698 5,793,626 297,103 Geological and Economic Survey 3,084,623 1,879,326 1,205,297 245,225 297,103 Higher Education Policy Commission 6,189,639 641,238 5,548,401 5,548,401 0 Justice and Community Services, Division of 13,719 13,719 0 0 0 Wisconsin 14,517,671 6,547,800 7,969,871 3,139,217 3,147,519 Agriculture, Trade and Consumer Protection, Department of 841,890 841,890 841,890 841,330 0<	26,000						-
Transportation, Department of Tree Fruit Research Commission 5,450,000 0 5,450,000 2,040,000 10 2,640,000 2,640,000 2,640,000 2,640,000 2,640,000 2,640,000 2,640,000 2,640,000 2,640,000 2,640,000 2,640,000 2,3500 23,500 0 Wine Commission 175,000 0 175,000 175,000 175,000 0 West Virginia 11,481,903 4,728,205 6,753,698 5,793,626 297,103 Geological and Economic Survey 3,084,623 1,879,326 1,205,297 245,225 297,103 Higher Education Policy Commission 6,189,639 641,238 5,548,401 5,548,401 0 Justice and Community Services, Division of 13,719 13,719 0 0 0 Transportation, Department of 841,890 0 841,890 804,300 804,300 0 Economic Development Corporation 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 1,478,000 1,478,000 <	20,000						
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Transportation, Department of 2,193,922 2,193,922 0 0 Wisconsin 14,517,671 6,547,800 7,969,871 3,139,217 3,147,519 Agriculture, Trade and Consumer Protection, Department of 841,890 0 841,890 804,130 0 Economic Development Corporation 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 0 3,000,000 0 0 1,478,000 1,478,000 0 0 0 0 0 147,519 9 0 0 0 147,519 0 0 0 147,519 9 0 0 0 0 0 0 0 0 <td>C</td> <td>0</td> <td>5,548,401</td> <td>5,548,401</td> <td>641,238</td> <td>6,189,639</td> <td>Higher Education Policy Commission</td>	C	0	5,548,401	5,548,401	641,238	6,189,639	Higher Education Policy Commission
Wisconsin 14,517,671 6,547,800 7,969,871 3,139,217 3,147,519 Agriculture, Trade and Consumer Protection, Department of Economic Development Corporation 841,890 0 841,890 804,130 0 Economic Development Corporation 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 0 1478,000 0 0 1478,000 0 0 1478,000 0 147,519 0 0 0 147,519 0 0 0 147,519 0 0 0 0 0 147,519 0 0 0 0 0 0 0 0 0 0 0	C	0	0	0	13,719	13,719	Justice and Community Services, Division of
Agriculture, Trade and Consumer Protection, Department of Economic Development Corporation 841,890 0 841,890 0 341,890 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 3,000,000 0 0 3,000,000 0 0 3,000,000 0 0 0 0 0 0 0 0 0 0 0 0 0 1478,000 1,478,000 0 </td <td></td> <td></td> <td>0</td> <td>0</td> <td>2,193,922</td> <td>2,193,922</td> <td>Transportation, Department of</td>			0	0	2,193,922	2,193,922	Transportation, Department of
Economic Development Corporation 3,000,000 0 3,000,000 0 3,000,000 Natural Resources, Department of 7,569,100 6,091,100 1,478,000 1,478,000 0 Transportation, Department of 3,106,681 456,700 2,649,981 857,087 147,519 Wyoming 5,160,617 1,883,135 3,277,482 1,199,933 1,842,316 Agriculture, Department of 100,000 0 100,000 0 0 Enhanced Oil Recovery Commission 250,000 0 250,000 250,000 0 Game and Fish Department 1,826,682 1,630,215 196,467 196,467 0 State Engineer, Office of 80,000 0 80,000 0 80,000 State Geological Survey 248,879 248,879 0 0 0 Transportation, Department of 986,181 4,041 982,140 14,224 967,916 Water Development Commission 468,875 0 468,875 19,242 314,400 Wildlife and Natura	1,683,135	3,147,519	3,139,217	7,969,871	6,547,800	14,517,671	Wisconsin
Natural Resources, Department of Transportation, Transportation, Department Transportation, Transportation, Department Transportation, Transportati	37,760	0	804,130	841,890	0	841,890	Agriculture, Trade and Consumer Protection, Department of
Transportation, Department of 3,106,681 456,700 2,649,981 857,087 147,519 Wyoming 5,160,617 1,883,135 3,277,482 1,199,933 1,842,316 Agriculture, Department of 100,000 0 100,000 0 0 Enhanced Oil Recovery Commission 250,000 0 250,000 250,000 0 Game and Fish Department 1,826,682 1,630,215 196,467 196,467 0 State Engineer, Office of 80,000 0 80,000 0 80,000 State Geological Survey 248,879 248,879 0 0 0 Transportation, Department of 986,181 4,041 982,140 14,224 967,916 Water Development Commission 468,875 0 468,875 19,242 314,400 Wildlife and Natural Resources Trust 1,200,000 0 1,200,000 720,000 480,000	C	3,000,000	0	3,000,000	0	3,000,000	Economic Development Corporation
Wyoming 5,160,617 1,883,135 3,277,482 1,199,933 1,842,316 Agriculture, Department of 100,000 0 100,000 0 0 0 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 State Engineer, Office of 80,000 0 80,000 0 80,000 State Geological Survey 248,879 248,879 0 0 0 Transportation, Department of 986,181 4,041 982,140 14,224 967,916 Water Development Commission 468,875 0 468,875 19,242 314,400 Wildlife and Natural Resources Trust 1,200,000 0 1,200,000 720,000 480,000	C	0	1,478,000	1,478,000	6,091,100	7,569,100	Natural Resources, Department of
Agriculture, Department of 100,000 0 100,000 0 0 Enhanced Oil Recovery Commission 250,000 0 250,000 250,000 0 Game and Fish Department 1,826,682 1,630,215 196,467 196,467 0 State Engineer, Office of 80,000 0 80,000 0 80,000 State Geological Survey 248,879 248,879 0 0 0 Transportation, Department of 986,181 4,041 982,140 14,224 967,916 Water Development Commission 468,875 0 468,875 19,242 314,400 Wildlife and Natural Resources Trust 1,200,000 0 1,200,000 720,000 480,000	1,645,375	147,519	857,087	2,649,981	456,700	3,106,681	Transportation, Department of
Enhanced Oil Recovery Commission 250,000 0 250,000 250,000 0 Game and Fish Department 1,826,682 1,630,215 196,467 196,467 0 State Engineer, Office of 80,000 0 80,000 0 80,000 State Geological Survey 248,879 248,879 0 0 0 Transportation, Department of Water Development Commission 468,875 0 468,875 19,242 314,400 Wildlife and Natural Resources Trust 1,200,000 0 1,200,000 720,000 480,000	235,233	1,842,316	1,199,933	3,277,482	1,883,135	5,160,617	Wyoming
Game and Fish Department 1,826,682 1,630,215 196,467 196,467 0 State Engineer, Office of 80,000 0 80,000 0 80,000 0 80,000 0 80,000 0 <td>100,000</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>100,000</td> <td>Agriculture, Department of</td>	100,000	0	0	100,000	0	100,000	Agriculture, Department of
State Engineer, Office of 80,000 0 80,000 0 80,000 0 80,000 0 80,000 0 80,000 0 80,000 0 80,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14,224 967,916 967,916 Wide Development Commission 468,875 0 468,875 19,242 314,400 97,412 314,400 97,400 97,000 720,000 480,000 98,000	C	0					•
State Geological Survey 248,879 248,879 0 0 0 Transportation, Department of Water Development Commission 986,181 4,041 982,140 14,224 967,916 Wildlife and Natural Resources Trust 468,875 0 468,875 19,242 314,400 Wildlife and Natural Resources Trust 1,200,000 0 1,200,000 720,000 480,000	C		196,467		1,630,215	1,826,682	•
Transportation, Department of 986,181 4,041 982,140 14,224 967,916 Water Development Commission 468,875 0 468,875 19,242 314,400 Wildlife and Natural Resources Trust 1,200,000 0 1,200,000 720,000 480,000	C						
Water Development Commission 468,875 0 468,875 19,242 314,400 Wildlife and Natural Resources Trust 1,200,000 0 1,200,000 720,000 480,000	C						
Wildlife and Natural Resources Trust 1,200,000 0 1,200,000 720,000 480,000	0						
	135,233						·
Puerto Rico ^e 5.673.544 4.454.166 1.219.378 750.000 469.378	C	480,000	/20,000	1,200,000	0	1,200,000	Wildlife and Natural Resources Trust
	C	469,378	750,000	1,219,378	4,454,166	5,673,544	Puerto Rico ^e
Agriculture, Department of 649,048 649,048 0 0 0	C						•
Health, Department of 165,922 165,922 0 0 0	C						·
Highways and Transportation Authority 560,000 560,000 0 0	0						
Hospital San Juanf ⁹ 2,000,000 2,000,000 0 0	0						·
Institute of Statistics 568,480 568,480 0 0 0	C						,
Manufacturing Extension, Incorporated ^f 319,378 0 319,378 0 319,378	C	319,378	0	319,378	0	319,378	Manufacturing Extension, Incorporated ¹

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

			Extramural performers				
	All R&D	Intramural		(Companies and	J	
Department or agency	expenditures	performers ^a	Total	Academic	individuals ^b	Other ^c	
Mental Health and Anti-Addiction Services Administration ^f	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 ^f	900,000	0	900,000	750,000	150,000	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.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FYs 2014 and 2015.

^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.

⁹ Operated by the San Juan municipal government.