

TABLE 17. State agency expenditures for R&D, by state, department or agency, and performer: FY 2011  
(Dollars)

Department or agency	All R&D expenditures	Internal performers <sup>a</sup>	External performers			
			Total	Academic	Companies or individuals <sup>b</sup>	Other <sup>c</sup>
United States <sup>d</sup>	1,403,816,235	461,506,205	942,310,030	477,128,278	388,053,537	77,128,215
Alabama	19,684,063	14,250,319	5,433,744	5,308,849	0	124,895
Conservation and Natural Resources, Department of	2,448,043	1,135,367	1,312,676	1,187,781	0	124,895
Forensic Science, Department of	475,402	475,402	0	0	0	0
Geological Survey	3,355,833	3,355,833	0	0	0	0
Marine Environmental Sciences Consortium	8,996,929	8,996,929	0	0	0	0
Transportation, Department of	4,407,856	286,788	4,121,068	4,121,068	0	0
Alaska	11,349,400	9,004,800	2,344,600	2,318,600	0	26,000
Fish and Game, Department of	2,697,600	2,697,600	0	0	0	0
Geological and Geophysical Surveys, Division of	6,084,800	6,051,200	33,600	7,600	0	26,000
Transportation and Public Facilities, Department of	2,567,000	256,000	2,311,000	2,311,000	0	0
Arizona	18,626,577	7,410,362	11,216,215	5,978,122	5,201,363	36,730
Agriculture, Department of	819,771	0	819,771	783,041	0	36,730
Game and Fish Department	4,643,079	4,137,092	505,987	110,774	395,213	0
Geological Survey	2,794,127	1,710,870	1,083,257	1,020,507	62,750	0
Health Services, Department of	8,330,000	250,000	8,080,000	3,600,000	4,480,000	0
Transportation, Department of	2,039,600	1,312,400	727,200	463,800	263,400	0
Arkansas	14,705,327	6,077,854	8,627,473	7,796,498	830,975	0
Beef Council	74,085	0	74,085	74,085	0	0
Catfish Promotion Board	43,648	0	43,648	43,648	0	0
Corn and Grain Sorghum Promotion Board	605,600	0	605,600	605,600	0	0
Game and Fish Commission	680,971	116,250	564,721	515,721	49,000	0
Highway and Transportation Department	927,990	144,978	783,012	783,012	0	0
Rice Research and Promotion Board	2,870,000	2,870,000	0	0	0	0
Science and Technology Authority	6,729,033	335,626	6,393,407	5,611,432	781,975	0
Soybean Promotion Board	2,611,000	2,611,000	0	0	0	0
Wheat Promotion Board	163,000	0	163,000	163,000	0	0
California	149,810,643	38,369,776	111,440,867	60,203,594	49,374,471	1,862,802
Energy Commission	95,975,000	13,129,000	82,846,000	34,071,000	47,050,000	1,725,000
Food and Agriculture, Department of	1,528,667	0	1,528,667	1,134,994	260,471	133,202
Transportation, Department of	37,445,000	10,997,000	26,448,000	24,804,000	1,644,000	0
Water Resources, Department of	14,861,976	14,243,776	618,200	193,600	420,000	4,600
Colorado	18,141,931	6,942,978	11,198,953	5,514,834	1,611,154	4,072,965
Economic Development, Office of	5,479,605	0	5,479,605	3,277,001	1,307,000	895,604
Natural Resources, Department of	7,654,500	5,238,226	2,416,274	1,208,137	0	1,208,137
Public Health and Environment, Department of	1,873,822	1,500	1,872,322	239,195	36,443	1,596,684
Public Safety, Department of	890,000	890,000	0	0	0	0
Transportation, Department of	2,244,004	813,252	1,430,752	790,501	267,711	372,540
Connecticut	39,192,091	23,573,706	15,618,385	9,144,483	5,349,642	1,124,260
Agricultural Experiment Station	10,631,320	10,631,320	0	0	0	0
Environmental Protection, Department of	8,101,784	7,219,560	882,224	535,070	172,135	175,019
Mental Health and Addiction Services, Department of	4,363,990	3,043,830	1,320,160	1,320,160	0	0
Public Health, Department of	11,894,644	258,906	11,635,738	6,392,865	5,177,507	65,366
Transportation, Department of	4,200,353	2,420,090	1,780,263	896,388	0	883,875
Delaware	2,609,902	2,049,018	560,884	499,964	0	60,920
Geological Survey	1,663,179	1,663,179	0	0	0	0
Natural Resources and Environmental Control, Department of	696,723	385,839	310,884	249,964	0	60,920
Transportation, Department of	250,000	0	250,000	250,000	0	0
District of Columbia	1,221,108	220,886	1,000,222	807,731	192,491	0
Health, Department of	956,728	148,997	807,731	807,731	0	0
Transportation, Department of	264,380	71,889	192,491	0	192,491	0

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Florida	150,764,438	48,327,623	102,436,815	48,595,118	53,110,052	731,645
Agriculture and Consumer Services, Department of	11,707,343	3,029,030	8,678,313	4,592,374	3,744,795	341,144
Citrus, Department of	9,445,480	254,000	9,191,480	8,800,979	0	390,501
Environmental Protection, Department of	2,787,307	2,015,890	771,417	700,000	71,417	0
Fish and Wildlife Conservation Commission	44,649,930	43,028,703	1,621,227	1,621,227	0	0
Health, Department of	64,723,630	0	64,723,630	20,560,198	44,163,432	0
Space	5,239,510	0	5,239,510	234,034	5,005,476	0
Transportation, Department of	12,211,238	0	12,211,238	12,086,306	124,932	0
Georgia	11,690,663	3,600,000	8,090,663	8,090,663	0	0
Herty Advanced Materials Development Center	3,600,000	3,600,000	0	0	0	0
Transportation, Department of	8,090,663	0	8,090,663	8,090,663	0	0
Hawaii	13,103,983	3,667,047	9,436,936	3,568,779	5,762,231	105,926
Agriculture, Department of	564,799	384,151	180,648	62,055	12,667	105,926
Business Economic Development and Tourism, Department of	6,020,023	430,459	5,589,564	0	5,589,564	0
Land and Natural Resources, Department of	5,957,794	2,360,494	3,597,300	3,437,300	160,000	0
Transportation, Department of	561,367	491,943	69,424	69,424	0	0
Idaho	9,366,052	4,430,450	4,935,602	2,860,414	397,505	1,677,683
Barley Commission	94,342	50,039	44,303	44,303	0	0
Bean Commission	93,882	0	93,882	93,882	0	0
Environmental Quality, Department of	25,587	3,005	22,582	0	22,582	0
Fish and Game, Department of	4,210,814	3,636,677	574,137	574,137	0	0
Potato Commission	935,000	60,000	875,000	650,000	75,000	150,000
Transportation, Department of	1,580,312	170,629	1,409,683	708,810	23,190	677,683
Water Resources, Department of	1,828,500	510,100	1,318,400	292,000	176,400	850,000
Wheat Commission	597,615	0	597,615	497,282	100,333	0
Illinois	17,207,125	2,049,697	15,157,428	12,033,575	278,320	2,845,533
Children and Family Services, Department of	6,681,163	0	6,681,163	6,681,163	0	0
Public Health, Department of	680,013	0	680,013	0	52,348	627,665
State Police	558,641	558,641	0	0	0	0
Transportation, Department of	9,287,308	1,491,056	7,796,252	5,352,412	225,972	2,217,868
Indiana	6,983,364	975,000	6,008,364	5,853,287	155,077	0
Criminal Justice Institute	450,000	200,000	250,000	250,000	0	0
Economic Development Corporation	833,364	0	833,364	678,287	155,077	0
Natural Resources, Department of	1,700,000	300,000	1,400,000	1,400,000	0	0
Transportation, Department of	4,000,000	475,000	3,525,000	3,525,000	0	0
Iowa	36,992,222	1,260,999	35,731,223	11,108,508	24,582,715	40,000
College Student Aid Commission	92,753	92,753	0	0	0	0
Criminal and Juvenile Justice Programs, Division of	20,246	20,246	0	0	0	0
Economic Development Authority, Energy Office	26,590,826	0	26,590,826	2,437,078	24,153,748	0
Natural Resources, Department of	3,640,397	0	3,640,397	3,446,430	153,967	40,000
Transportation, Department of	6,050,000	550,000	5,500,000	5,225,000	275,000	0
Workforce Development	598,000	598,000	0	0	0	0
Kansas	6,635,626	1,501,433	5,134,193	4,047,781	0	1,086,412
Transportation, Department of	5,002,773	1,436,433	3,566,340	2,479,928	0	1,086,412
Wheat Commission	1,167,853	0	1,167,853	1,167,853	0	0
Wildlife, Parks, and Tourism, Department of	465,000	65,000	400,000	400,000	0	0
Kentucky	20,498,849	2,137,354	18,361,495	10,018,810	8,331,855	10,830
Agricultural Policy, Governor's Office of	45,130	0	45,130	45,130	0	0
Budget and Fiscal Management, Office of	4,425,113	0	4,425,113	4,425,113	0	0
Commercialization and Innovation, Department of	8,409,917	100,000	8,309,917	0	8,309,917	0
Early Childhood Development, Division of	541,000	291,000	250,000	250,000	0	0
Energy Policy, Governor's Office for	2,729,900	0	2,729,900	2,729,900	0	0
Environmental Education Council	37,666	0	37,666	26,836	0	10,830
Fish and Wildlife Resources, Department of	2,111,023	1,727,854	383,169	361,231	21,938	0

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Nature Preserves Commission	26,500	18,500	8,000	8,000	0	0
Public Health, Department of	2,172,600	0	2,172,600	2,172,600	0	0
Louisiana	9,203,635	7,253,894	1,949,741	1,486,680	463,061	0
Transportation and Development, Department of	6,396,052	5,137,074	1,258,978	987,456	271,522	0
Wildlife and Fisheries, Department of	2,807,583	2,116,820	690,763	499,224	191,539	0
Maine	9,918,765	1,883,123	8,035,642	2,334,410	4,986,235	714,997
Agriculture, Department of	72,750	0	72,750	72,750	0	0
Conservation, Department of	380,000	380,000	0	0	0	0
Drug Enforcement Agency	75,000	0	75,000	75,000	0	0
Environmental Protection, Department of	225,000	150,000	75,000	50,000	25,000	0
Marine Resources, Department of	2,127,121	1,070,689	1,056,432	422,189	352,840	281,403
State Fire Marshal's Office	3,000	3,000	0	0	0	0
Technology Institute	6,530,034	0	6,530,034	1,488,045	4,608,395	433,594
Transportation, Department of	505,860	279,434	226,426	226,426	0	0
Maryland	20,084,540	1,928,700	18,155,840	16,995,323	1,060,517	100,000
Business and Economic Development, Department of	1,300,000	1,300,000	0	0	0	0
Health and Mental Hygiene, Department of	2,400,000	0	2,400,000	2,400,000	0	0
Natural Resources, Department of	268,700	83,700	185,000	185,000	0	0
Technology Development Corporation	11,211,823	0	11,211,823	11,211,823	0	0
Transportation, Department of	4,904,017	545,000	4,359,017	3,198,500	1,060,517	100,000
Massachusetts	4,878,927	785,738	4,093,189	3,217,469	775,294	100,426
Capital Asset Management, Division of	0	0	0	0	0	0
Early Education and Care, Department of	486,173	0	486,173	0	486,173	0
Environmental Protection, Department of	259,147	168,147	91,000	15,000	76,000	0
Fish and Game, Department of	583,482	483,482	100,000	100,000	0	0
Mental Health, Department of	1,882,744	134,109	1,748,635	1,748,635	0	0
Public Health, Department of	163,121	0	163,121	0	163,121	0
Transportation Planning, Office of	1,504,260	0	1,504,260	1,353,834	50,000	100,426
Michigan	9,802,873	1,509,097	8,293,776	7,293,776	1,000,000	0
Agriculture, Department of	82,793	0	82,793	82,793	0	0
Natural Resources, Department of	4,595,080	1,484,097	3,110,983	3,110,983	0	0
Transportation, Department of	5,125,000	25,000	5,100,000	4,100,000	1,000,000	0
Minnesota	11,653,327	1,509,585	10,143,742	6,021,682	2,787,678	1,334,382
Agriculture, Department of	1,774,976	782,000	992,976	473,646	389,084	130,246
Forest Resources Council	114,592	40,000	74,592	69,592	5,000	0
Pollution Control Agency	134,502	0	134,502	0	0	134,502
Transportation, Department of	9,629,257	687,585	8,941,672	5,478,444	2,393,594	1,069,634
Mississippi	7,420,851	4,028,133	3,392,718	1,878,150	545,843	968,725
Innovative Geospatial Solutions, Enterprise for	2,686,000	979,000	1,707,000	1,450,000	257,000	0
Transportation, Department of	2,389,770	704,052	1,685,718	428,150	288,843	968,725
Wildlife, Fisheries, and Parks, Department of	2,345,081	2,345,081	0	0	0	0
Missouri	13,658,961	7,546,964	6,111,997	4,103,114	1,701,941	306,942
Agriculture, Department of	32,308	0	32,308	32,308	0	0
Conservation, Department of	8,216,486	6,470,271	1,746,215	1,571,473	0	174,742
Natural Resources, Department of	367,085	158,278	208,807	185,622	23,185	0
Transportation, Department of	5,043,082	918,415	4,124,667	2,313,711	1,678,756	132,200
Montana	6,474,190	1,694,519	4,779,671	3,605,814	1,055,573	118,284
Agriculture, Department of	1,653,768	0	1,653,768	1,653,768	0	0
Commerce, Department of	1,376,063	0	1,376,063	628,154	747,909	0
Environmental Quality, Department of	283,206	87,031	196,175	97,480	23,178	75,517
Fish, Wildlife, and Parks	1,857,865	1,365,003	492,862	477,152	15,710	0
Natural Resources and Conservation, Department of	30,000	0	30,000	0	30,000	0
Transportation, Department of	1,273,288	242,485	1,030,803	749,260	238,776	42,767

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Nebraska	4,061,651	320,392	3,741,259	2,353,836	193,286	1,194,137
Agriculture, Department of	342,385	0	342,385	342,385	0	0
Corn Board	267,123	0	267,123	267,123	0	0
Dry Bean Commission	141,220	141,220	0	0	0	0
Grain Sorghum Board	13,444	0	13,444	13,444	0	0
Natural Resources, Department of	1,770,243	175,172	1,595,071	219,648	181,286	1,194,137
Roads, Department of	1,123,236	0	1,123,236	1,123,236	0	0
Wheat Board	404,000	4,000	400,000	388,000	12,000	0
Nevada	1,868,869	428,607	1,440,262	1,105,620	134,544	200,098
Transportation, Department of	1,393,048	362,976	1,030,072	950,728	0	79,344
Wildlife, Department of	475,821	65,631	410,190	154,892	134,544	120,754
New Hampshire	1,921,421	591,869	1,329,552	508,062	697,146	124,344
Agriculture, Markets, and Food, Department of	40,969	0	40,969	34,912	0	6,057
Resources and Economic Development, Department of	684,000	184,000	500,000	0	500,000	0
Transportation, Department of	1,196,452	407,869	788,583	473,150	197,146	118,287
New Jersey	17,068,781	2,980,802	14,087,979	11,063,123	238,038	2,786,818
Brain Injury Research, Commission on	3,260,413	132,172	3,128,241	2,749,324	0	378,917
Cancer Research, Commission on	350,000	0	350,000	350,000	0	0
Environmental Protection, Department of	1,988,395	1,460,400	527,995	395,525	40,000	92,470
Research and Treatment of Autism, Council for	3,385,611	320,180	3,065,431	750,000	0	2,315,431
Spinal Cord Research, Commission on	2,541,718	180,838	2,360,880	2,360,880	0	0
Transportation, Department of	5,542,644	887,212	4,655,432	4,457,394	198,038	0
New Mexico	1,821,583	494,193	1,327,390	704,390	398,000	225,000
Transportation, Department of	1,821,583	494,193	1,327,390	704,390	398,000	225,000
New York	182,736,305	108,093,556	74,642,749	26,294,743	28,278,301	20,069,705
Agriculture and Markets, Department of	3,554,089	2,775,000	779,089	779,089	0	0
Energy Research and Development Authority	48,057,371	11,551,001	36,506,370	8,790,639	23,818,588	3,897,143
Environmental Conservation, Department of	2,939,284	963,959	1,975,325	726,617	76,146	1,172,562
Foundation for Science, Technology and Innovation	68,000,000	47,400,000	20,600,000	2,500,000	3,100,000	15,000,000
Health, Department of	55,192,779	42,914,417	12,278,362	12,238,362	40,000	0
Transportation, Department of	4,992,782	2,489,179	2,503,603	1,260,036	1,243,567	0
North Carolina	29,611,785	19,478,718	10,133,067	7,985,478	683,000	1,464,589
Agriculture and Consumer Services, Department of	12,773,500	12,773,500	0	0	0	0
Environment and Natural Resources, Department of	5,267,285	3,527,218	1,740,067	1,485,478	0	254,589
Transportation, Department of	11,571,000	3,178,000	8,393,000	6,500,000	683,000	1,210,000
North Dakota	8,072,257	366,294	7,705,963	2,843,755	4,054,335	807,873
Agriculture, Department of	75,710	0	75,710	75,710	0	0
Lignite Research Council	2,790,750	141,250	2,649,500	213,500	2,285,000	151,000
Mineral Resources, Department of	73,500	73,500	0	0	0	0
Oil and Gas Research Program	1,378,125	44,265	1,333,860	207,500	1,071,360	55,000
Renewable Energy Research Program	1,236,475	30,000	1,206,475	416,500	697,975	92,000
Soybean Council	808,649	0	808,649	808,649	0	0
Transportation, Department of	578,559	77,279	501,280	26,407	0	474,873
Wheat Commission	1,130,489	0	1,130,489	1,095,489	0	35,000
Ohio	159,322,228	2,645,393	156,676,835	4,041,268	150,860,239	1,775,328
Air Quality Development Authority	2,034,728	0	2,034,728	2,034,728	0	0
Development, Department of	150,072,744	0	150,072,744	0	150,072,744	0
Mental Health, Department of	721,000	490,000	231,000	231,000	0	0
Natural Resources, Department of	3,711,878	1,944,556	1,767,322	452,110	0	1,315,212
Transportation, Department of	2,781,878	210,837	2,571,041	1,323,430	787,495	460,116
Oklahoma	20,304,740	9,850	20,294,890	11,131,651	6,716,441	2,446,798
Center for the Advancement of Science and Technology	13,052,997	0	13,052,997	5,743,319	6,380,121	929,557
Health, Department of	9,850	9,850	0	0	0	0
Sorghum Commission	22,500	0	22,500	12,500	0	10,000

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Transportation, Department of	4,437,947	0	4,437,947	2,930,706	0	1,507,241
Wheat Commission	514,195	0	514,195	177,875	336,320	0
Wildlife Conservation, Department of	2,267,251	0	2,267,251	2,267,251	0	0
Oregon	20,001,272	17,063,005	2,938,267	2,672,740	54,865	210,662
Agriculture, Department of	582,446	0	582,446	522,446	10,000	50,000
Fish and Wildlife, Department of	11,326,000	11,266,000	60,000	0	0	60,000
Forestry, Department of	478,413	107,203	371,210	335,302	35,908	0
Geology and Mineral Industries, Department of	4,979,303	4,803,055	176,248	176,248	0	0
Transportation, Department of	2,494,162	806,249	1,687,913	1,638,744	8,957	40,212
Watershed Enhancement Board	140,948	80,498	60,450	0	0	60,450
Pennsylvania	71,098,139	5,826,832	65,271,307	38,258,858	4,596,817	22,415,632
Agriculture, Department of	640,671	0	640,671	586,944	0	53,727
Community and Economic Development, Department of	4,700,000	0	4,700,000	3,100,000	0	1,600,000
Conservation and Natural Resources, Department of	2,212,545	1,594,754	617,791	250,981	0	366,810
Environmental Protection, Department of	1,059,451	215,631	843,820	606,312	2,250	235,258
Fish and Boat Commission	781,643	694,905	86,738	0	0	86,738
Game Commission	3,695,614	2,780,122	915,492	915,492	0	0
Health, Department of	54,088,921	0	54,088,921	31,009,324	3,006,498	20,073,099
Transportation, Department of	3,919,294	541,420	3,377,874	1,789,805	1,588,069	0
Rhode Island	1,947,727	80,000	1,867,727	1,381,743	485,984	0
Economic Development Corporation	1,303,377	0	1,303,377	817,393	485,984	0
Transportation, Department of	644,350	80,000	564,350	564,350	0	0
South Carolina	47,795,394	42,532,704	5,262,690	5,262,690	0	0
Health and Environmental Control, Department of	721,804	721,804	0	0	0	0
Mental Health, Department of	122,334	21,450	100,884	100,884	0	0
Natural Resources, Department of	42,392,567	41,391,567	1,001,000	1,001,000	0	0
Public Service Authority	115,338	0	115,338	115,338	0	0
Sea Grant Consortium	2,862,766	354,215	2,508,551	2,508,551	0	0
Transportation, Department of	1,580,585	43,668	1,536,917	1,536,917	0	0
South Dakota	3,629,155	652,055	2,977,100	1,276,971	1,010,240	689,889
Game, Fish and Parks, Department of	1,628,888	0	1,628,888	1,039,008	15,778	574,102
Transportation, Department of	2,000,267	652,055	1,348,212	237,963	994,462	115,787
Tennessee	3,606,726	20,000	3,586,726	3,586,726	0	0
Environment and Conservation, Department of	320,000	20,000	300,000	300,000	0	0
Transportation, Department of	3,286,726	0	3,286,726	3,286,726	0	0
Texas	47,372,367	9,823,374	37,548,993	28,525,530	7,926,989	1,096,474
Agriculture, Department of	1,853,946	0	1,853,946	1,853,946	0	0
Cancer Prevention and Research Institute	15,715,498	7,014,052	8,701,446	1,836,319	6,865,127	0
Environmental Quality, Commission on	1,599,224	0	1,599,224	689,602	909,622	0
Health and Human Services Commission	123,000	123,000	0	0	0	0
Parks and Wildlife, Department of	1,819,498	1,140,319	679,179	526,939	152,240	0
Transportation, Department of	23,851,121	1,546,003	22,305,118	22,305,118	0	0
Water Development Board	2,410,080	0	2,410,080	1,313,606	0	1,096,474
Utah	34,418,764	10,361,727	24,057,037	22,057,037	2,000,000	0
Health, Department of	261,727	261,727	0	0	0	0
Natural Resources, Department of	8,000,000	8,000,000	0	0	0	0
Science Technology and Research, Governor's Office of						
Economic Development	23,557,037	0	23,557,037	21,607,037	1,950,000	0
Transportation, Department of	2,600,000	2,100,000	500,000	450,000	50,000	0
Vermont	1,711,673	1,543,503	168,170	157,692	10,478	0
Agriculture, Agency of	1,027,700	1,027,700	0	0	0	0
Human Services, Agency of	190,117	190,117	0	0	0	0
Transportation, Agency of	493,856	325,686	168,170	157,692	10,478	0

TABLE 17. State agency expenditures for R&D, by state, department or agency, and performer: FY 2011  
(Dollars)

Department or agency	All R&D expenditures	Internal performers <sup>a</sup>	External performers			
			Total	Academic	Companies or individuals <sup>b</sup>	Other <sup>c</sup>
Virginia	17,241,804	6,567,645	10,674,159	10,040,064	520,000	114,095
Agriculture and Consumer Services, Department of	2,169,935	0	2,169,935	2,125,840	0	44,095
Consolidated Lab Services, Division of	784,808	614,808	170,000	100,000	0	70,000
Corrections, Department of	919,542	919,542	0	0	0	0
Forensic Science, Department of	160,439	160,439	0	0	0	0
Health, Department of	27,900	27,900	0	0	0	0
Innovative Technology, Center for	1,010,000	320,000	690,000	170,000	520,000	0
Marine Resources Commission	3,130,629	0	3,130,629	3,130,629	0	0
Natural History, Museum of	569,120	569,120	0	0	0	0
Transportation, Department of	8,469,431	3,955,836	4,513,595	4,513,595	0	0
Washington	24,500,489	10,245,788	14,254,701	10,660,239	2,332,462	1,262,000
Agriculture, Department of	190,841	0	190,841	190,841	0	0
Fish and Wildlife, Department of	7,190,560	7,128,911	61,649	61,649	0	0
Grain Commission	3,573,613	0	3,573,613	3,573,613	0	0
Natural Resources, Department of	4,032,000	1,409,200	2,622,800	216,000	1,584,800	822,000
Potato Commission	842,198	49,700	792,498	792,498	0	0
Red Raspberry Commission	225,447	0	225,447	217,447	8,000	0
Transportation, Department of	5,095,830	1,522,977	3,572,853	2,833,191	739,662	0
Tree Fruit Research Commission	3,215,000	135,000	3,080,000	2,640,000	0	440,000
Wine Commission	135,000	0	135,000	135,000	0	0
West Virginia	35,475,338	8,130,744	27,344,594	26,665,810	300,000	378,784
Agriculture, Department of	151,428	151,428	0	0	0	0
Environmental Protection, Department of	885,794	507,010	378,784	0	0	378,784
Geological and Economic Survey	3,274,416	3,274,416	0	0	0	0
Higher Education Policy Commission	24,577,042	851,217	23,725,825	23,725,825	0	0
Highways, Department of	5,583,425	2,508,425	3,075,000	2,900,000	175,000	0
Justice and Community Services, Division of	15,513	10,113	5,400	5,400	0	0
Natural Resources, Division of	987,720	828,135	159,585	34,585	125,000	0
Wisconsin	21,128,936	6,126,083	15,002,853	5,919,133	7,008,379	2,075,341
Agriculture, Trade, and Consumer Protection, Department of	536,004	93,569	442,435	181,635	260,800	0
Economic Development Corporation	7,979,595	0	7,979,595	1,773,595	6,206,000	0
Natural Resources, Department of	8,497,725	5,716,730	2,780,995	2,331,898	195,704	253,393
Transportation, Department of	4,115,612	315,784	3,799,828	1,632,005	345,875	1,821,948
Wyoming	5,419,398	3,134,016	2,285,382	1,945,091	0	340,291
Agriculture, Department of	147,226	0	147,226	147,226	0	0
Environmental Quality, Department of	150,000	0	150,000	150,000	0	0
Game and Fish, Department of	1,775,184	561,483	1,213,701	1,213,701	0	0
Geological Survey	2,540,432	2,200,141	340,291	0	0	340,291
Transportation, Department of	506,556	372,392	134,164	134,164	0	0
Water Development Office	300,000	0	300,000	300,000	0	0
Puerto Rico <sup>e</sup>	537,869	400,000	137,869	137,869	0	0
Education Council	537,869	400,000	137,869	137,869	0	0

<sup>a</sup> Internal performers include employees within the same state department or agency in support of an internal R&D project.

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

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

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

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

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, FY 2010 and FY 2011 Survey of State Government R&D.