

TABLE 2. State agency expenditures for R&D and R&D plant, by state and R&D performer: FY 2009  
(Dollars)

State	R&D						R&D plant
	All R&D expenditures	Internal performers	Total	External performers			
				Academic Institutions	Companies and individuals <sup>a</sup>	Other <sup>b</sup>	
United States	1,210,113,524	318,264,391	891,849,133	530,354,012	255,889,116	105,606,005	102,614,371
Alabama	12,929,167	9,138,896	3,790,271	3,790,271	0	0	0
Alaska	7,741,467	6,387,016	1,354,451	1,264,451	90,000	0	0
Arizona	21,483,423	7,373,390	14,110,033	13,173,778	936,255	0	132,982
Arkansas	11,765,900	768,453	10,997,447	10,304,092	631,975	61,380	0
California	146,793,247	25,144,000	121,649,247	56,843,299	37,514,864	27,291,084	2,515,000
Colorado	14,849,581	9,395,554	5,454,027	3,896,294	1,193,264	364,469	1,030,000
Connecticut	27,088,088	12,663,055	14,425,033	4,540,756	8,395,227	1,489,050	0
Delaware	2,066,752	1,021,115	1,045,637	745,637	300,000	0	0
District of Columbia	487,411	0	487,411	487,411	0	0	0
Florida	66,513,756	10,356,355	56,157,401	34,942,344	19,668,724	1,546,333	759,009
Georgia	6,662,887	3,500,000	3,162,887	3,162,887	0	0	0
Hawaii	13,976,364	3,268,044	10,708,320	3,672,334	6,884,681	151,305	0
Idaho	6,052,058	1,897,225	4,154,833	1,590,540	175,633	2,388,660	0
Illinois	19,656,490	5,445,719	14,210,771	7,700,351	2,675,865	3,834,555	0
Indiana	47,549,928	941,982	46,607,946	14,312,538	32,295,408	0	0
Iowa	11,284,860	953,909	10,330,951	6,442,409	3,358,242	530,300	612,848
Kansas	12,305,385	1,598,127	10,707,258	9,561,563	0	1,145,695	0
Kentucky	13,938,692	6,241,919	7,696,773	5,888,316	1,752,314	56,143	79,641
Louisiana	8,426,835	5,021,302	3,405,533	3,375,999	29,534	0	0
Maine	6,400,019	1,566,832	4,833,187	580,192	4,155,387	97,608	50,000,000
Maryland	21,093,331	5,683,023	15,410,308	12,639,508	2,603,800	167,000	0
Massachusetts	4,358,097	1,112,793	3,245,304	3,055,392	189,912	0	0
Michigan	14,950,709	7,850,696	7,100,013	5,794,052	1,281,061	24,900	1,500,000
Minnesota	16,655,913	1,974,655	14,681,258	6,616,048	6,294,846	1,770,364	2,742,321
Mississippi	9,731,915	8,215,940	1,515,975	1,443,375	72,600	0	0
Missouri	16,070,147	9,405,566	6,664,581	3,083,125	1,029,646	2,551,810	0
Montana	7,200,442	1,304,712	5,895,730	3,959,233	1,927,122	9,375	0
Nebraska	4,474,695	125,000	4,349,695	2,787,532	89,035	1,473,128	0
Nevada	1,510,607	342,744	1,167,863	1,066,068	101,795	0	0
New Hampshire	2,186,780	1,022,378	1,164,402	497,846	494,051	172,505	0
New Jersey	15,146,838	4,278,027	10,868,811	7,025,185	939,000	2,904,626	0
New Mexico	1,655,529	535,531	1,119,998	1,061,998	38,000	20,000	0
New York	126,122,333	35,113,898	91,008,435	55,454,319	18,510,081	17,044,035	9,584,344
North Carolina	51,404,202	42,451,251	8,952,951	6,686,231	690,950	1,575,770	2,840,000
North Dakota	16,423,175	575,503	15,847,672	7,126,441	8,124,958	596,273	0
Ohio	121,851,617	4,310,001	117,541,616	56,408,715	60,733,997	398,904	5,354,097
Oklahoma	15,930,878	2,709,663	13,221,215	8,182,080	4,097,885	941,250	0
Oregon	12,428,875	6,389,857	6,039,018	4,850,756	340,857	847,405	0
Pennsylvania	102,958,404	2,992,367	99,966,037	71,251,200	7,743,779	20,971,058	6,147,888
Rhode Island	1,382,531	0	1,382,531	1,161,561	220,970	0	0
South Carolina	28,599,885	24,161,908	4,437,977	3,020,566	257,955	1,159,456	0
South Dakota	4,607,427	424,407	4,183,020	3,408,853	593,488	180,679	0
Tennessee	3,881,687	129,100	3,752,587	3,752,587	0	0	0
Texas	49,381,346	4,763,897	44,617,449	30,940,587	2,915,264	10,761,598	4,040,775
Utah	26,442,711	10,715,649	15,727,062	15,727,062	0	0	15,000,000
Vermont	738,707	738,707	0	0	0	0	0
Virginia	17,929,519	8,759,184	9,170,335	7,960,679	1,187,932	21,724	0
Washington	14,528,728	6,940,712	7,588,016	6,759,910	550,710	277,396	0

TABLE 2. State agency expenditures for R&D and R&D plant, by state and R&D performer: FY 2009  
(Dollars)

State	R&D						R&D plant
	All R&D expenditures	Internal performers	External performers				
			Total	Academic Institutions	Companies and individuals <sup>a</sup>	Other <sup>b</sup>	
West Virginia	10,357,006	2,555,126	7,801,880	7,257,503	0	544,377	3,600
Wisconsin	24,942,415	5,329,091	19,613,324	3,978,419	13,511,285	2,123,620	0
Wyoming	7,194,765	4,670,112	2,524,653	1,121,719	1,290,764	112,170	271,866

<sup>a</sup> Includes individuals under contract for research projects.

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

NOTES: The District of Columbia and Puerto Rico are referred to as states in this report; Puerto Rico was unable to complete FY 2009 survey in allotted time frame. Internal performers include employees within same state department/agency and services performed by others in support of internal R&D project. External performers include academic institutions, companies and individuals, and other noninternal performers.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, FY 2009 Survey of State Government R&D.