

TABLE 83. Federal obligations for research and development for selected agencies, by state and other locations and performer: FY 2005
(Dollars in thousands)

State/location	Total R&D	Intramural ^a	Extramural						
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments
All locations	106,986,449	23,367,313	44,026,173	1,599,118	24,450,843	5,674,219	5,609,538	1,627,415	631,830
Alabama	2,800,183	759,471	1,646,888	0	353,405	0	37,336	0	3,083
Alaska	233,543	69,565	66,555	0	82,004	0	10,615	0	4,804
Arizona	2,674,487	364,984	1,917,918	0	294,674	61,036	25,736	0	10,139
Arkansas	154,255	43,146	12,322	0	90,046	0	4,693	0	4,048
California	19,379,567	2,035,601	9,537,268	0	3,365,804	3,186,811	1,009,329	203,145	41,609
Colorado	2,036,617	271,415	990,879	0	489,345	101,669	63,819	109,968	9,522
Connecticut	2,153,517	392,637	1,221,870	0	491,628	0	40,196	0	7,186
Delaware	94,151	4,360	18,988	0	66,660	0	3,976	0	167
District of Columbia	3,993,434	2,617,358	917,843	0	196,111	0	249,889	77	12,156
Florida	2,197,889	546,859	1,013,395	0	567,561	0	64,624	0	5,450
Georgia	1,707,465	284,887	874,589	0	520,578	0	26,036	0	1,375
Hawaii	384,401	79,911	120,769	0	157,239	0	24,749	0	1,733
Idaho	273,093	31,897	57,081	129,938	48,570	0	3,544	0	2,063
Illinois	1,982,619	149,818	241,101	0	950,155	555,439	80,712	0	5,394
Indiana	553,616	82,902	117,450	0	349,567	0	3,116	0	581
Iowa	447,661	45,623	88,467	0	280,937	21,960	7,096	0	3,578
Kansas	198,017	21,621	37,851	0	135,129	0	2,902	0	514
Kentucky	262,780	20,831	28,774	0	209,766	0	2,373	0	1,036
Louisiana	402,068	76,500	70,253	0	239,148	0	9,695	0	6,472
Maine	239,831	7,309	113,426	0	30,828	0	84,768	0	3,500
Maryland	12,211,434	7,486,205	2,457,672	350,858	1,453,509	0	252,187	0	211,003
Massachusetts	5,701,829	445,920	2,105,331	0	1,358,760	362,756	1,261,971	132,410	34,681
Michigan	1,105,199	114,064	204,043	0	732,720	0	50,203	0	4,169
Minnesota	758,267	51,408	208,661	0	310,960	0	185,724	0	1,514
Mississippi	424,101	222,541	72,009	0	120,726	0	7,331	0	1,494
Missouri	4,040,346	113,197	3,337,671	0	566,216	0	18,885	0	4,377
Montana	176,841	58,284	26,573	0	78,058	0	12,134	0	1,792
Nebraska	145,135	27,113	11,500	0	100,757	0	5,665	0	100
Nevada	382,463	49,611	256,133	0	72,351	0	3,813	0	555
New Hampshire	364,332	50,677	161,826	0	142,578	0	2,525	0	6,726
New Jersey	2,344,121	710,346	1,155,264	0	392,869	55,300	26,699	0	3,643
New Mexico	3,279,285	425,082	380,754	1,087,358	211,633	1,108,405	41,693	0	24,360
New York	4,955,670	165,941	2,091,219	0	1,943,514	0	375,519	269,061	110,416
North Carolina	1,791,495	425,883	246,398	0	1,023,007	0	93,180	0	3,027
North Dakota	105,109	29,836	3,579	0	70,474	0	1,092	0	128
Ohio	2,369,822	594,670	799,235	0	729,969	0	240,970	0	4,978
Oklahoma	253,602	68,857	56,843	0	95,078	0	31,056	0	1,768
Oregon	557,481	90,960	54,038	0	364,505	0	40,819	0	7,159
Pennsylvania	3,234,522	202,500	1,053,371	0	1,498,846	22,565	451,510	0	5,730
Rhode Island	572,251	335,902	60,885	0	106,878	0	67,421	0	1,165
South Carolina	408,407	80,286	74,122	30,964	175,168	0	40,952	0	6,915
South Dakota	69,982	17,371	7,611	0	29,777	0	4,745	0	10,478
Tennessee	1,292,888	69,486	211,716	0	426,553	55,317	69,676	454,170	5,970
Texas	4,988,545	211,549	3,279,042	0	1,363,627	0	126,712	368	7,247
Utah	813,912	245,627	359,448	0	201,205	0	6,334	0	1,298
Vermont	170,743	10,107	70,759	0	82,859	0	5,460	0	1,558
Virginia	8,214,449	2,760,758	4,366,201	0	574,445	132,446	99,250	249,127	32,222
Washington	2,387,686	157,862	1,073,404	0	651,495	0	289,040	209,089	6,796
West Virginia	772,528	112,563	595,634	0	47,799	0	15,103	0	1,429

TABLE 83. Federal obligations for research and development for selected agencies, by state and other locations and performer: FY 2005
(Dollars in thousands)

State/location	Total R&D	Intramural ^a	Extramural						State, local governments
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	
Wisconsin	648,219	49,633	84,241	0	488,055	0	25,307	0	983
Wyoming	33,548	7,836	2,038	0	22,028	0	351	0	1,295
Outlying areas	146,495	36,519	4,539	0	91,471	10,515	1,007	0	2,444
Puerto Rico	101,433	8,769	1,006	0	79,111	10,515	785	0	1,247
Other areas	45,062	27,750	3,533	0	12,360	0	222	0	1,197
Offices abroad	96,548	32,024	60,726	0	3,798	0	0	0	0

FFRDC = federally funded research and development center.

^a Includes costs associated with administration of intramural and extramural programs by federal personnel and actual intramural performance.

NOTES: Only 11 agencies are required to report data for this section of survey: Departments of Agriculture, Commerce, Defense, Energy, Health and Human Services, Homeland Security, the Interior, and Transportation; Environmental Protection Agency; National Aeronautics and Space Administration; and National Science Foundation. Obligations of these 11 agencies represented 98% of total federal R&D obligations in FY 2005. Geographic distribution of DOD development funding to industry reflects location of only prime contractors and not numerous subcontractors who perform much of the R&D.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2005, 2006, and 2007.