

TABLE 82. Federal obligations for research and development and for R&D plant for selected agencies, by state and other locations: FY 2009

(Dollars in thousands)

State/location	Total	R&D		R&D plant	
		ARRA	Non-ARRA	ARRA	Non-ARRA
All locations	134,804,895	8,701,423	122,532,690	1,360,981	2,209,801
Alabama	2,971,150	72,445	2,894,529	2,241	1,935
Alaska	418,008	29,018	215,455	148,658	24,877
Arizona	2,919,758	112,821	2,786,434	15,695	4,807
Arkansas	179,112	18,071	152,162	578	8,301
California	24,728,784	1,193,368	23,059,936	183,000	292,480
Colorado	3,982,433	485,356	3,217,626	148,000	131,451
Connecticut	2,215,225	121,200	2,090,908	6	3,111
Delaware	211,662	39,318	171,814	30	499
District of Columbia	4,382,192	423,038	3,778,746	109,233	71,175
Florida	3,265,979	133,919	3,095,854	4,175	32,031
Georgia	1,759,541	125,604	1,580,095	1,755	52,087
Hawaii	403,948	35,320	343,334	1,843	23,450
Idaho	400,520	11,266	372,680	1,626	14,949
Illinois	2,939,021	389,228	2,315,953	91,935	141,905
Indiana	1,059,626	115,876	936,279	1,540	5,932
Iowa	660,195	47,167	601,886	2,547	8,595
Kansas	403,343	25,539	374,905	500	2,398
Kentucky	320,910	42,453	275,946	204	2,307
Louisiana	424,054	40,538	356,798	258	26,460
Maine	189,761	17,610	165,830	5,296	1,025
Maryland	16,006,460	976,186	14,791,577	16,017	222,680
Massachusetts	8,308,321	663,472	7,596,005	14,189	34,654
Michigan	2,410,673	210,407	2,188,927	6,793	4,546
Minnesota	1,551,387	148,907	1,394,005	2,854	5,620
Mississippi	393,577	10,708	357,591	3,141	22,138
Missouri	1,217,637	106,237	1,105,576	2,867	2,958
Montana	171,452	27,231	142,188	900	1,132
Nebraska	219,772	23,327	195,594	177	674
Nevada	493,357	13,666	478,480	1,051	161
New Hampshire	421,373	32,364	386,880	730	1,399
New Jersey	2,536,832	95,192	2,358,793	24,124	58,722
New Mexico	3,674,940	121,415	3,444,825	4,323	104,377
New York	6,444,793	583,089	5,535,702	180,031	145,972
North Carolina	2,025,517	258,388	1,754,897	5,645	6,587
North Dakota	103,019	8,078	92,933	1,810	199
Ohio	3,848,846	183,969	3,640,600	3,263	21,015
Oklahoma	356,281	27,434	323,171	1,233	4,444
Oregon	636,333	77,545	553,932	2,887	1,968
Pennsylvania	4,152,108	391,653	3,722,669	12,350	25,436
Rhode Island	683,079	45,816	632,600	3,378	1,285
South Carolina	665,126	45,625	604,771	1,090	13,641
South Dakota	81,472	6,024	73,293	2,025	130
Tennessee	2,351,182	229,610	1,791,455	75,789	254,327
Texas	5,796,957	309,266	5,447,801	11,581	28,309
Utah	1,059,677	49,855	926,116	1,143	82,563
Vermont	151,937	17,599	133,775	0	563
Virginia	9,348,740	153,484	8,926,691	91,349	177,216
Washington	4,257,497	233,472	3,808,852	126,554	88,619
West Virginia	313,080	23,010	237,846	34,518	17,707
Wisconsin	919,558	125,127	757,509	7,132	29,790
Wyoming	64,619	6,708	57,443	0	468

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(Dollars in thousands)

State/location	Total	R&D		R&D plant	
		ARRA	Non-ARRA	ARRA	Non-ARRA
Outlying areas	240,857	16,273	220,938	2,918	728
Puerto Rico	99,728	15,527	80,574	2,918	709
Other areas ^a	141,129	746	140,364	0	19
Offices abroad ^b	63,217	1,132	62,085	0	0

ARRA = American Recovery and Reinvestment Act of 2009.

^a Includes America Samoa, Baker Island, Federated States of Micronesia, Guam, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Marshall Islands, Midway Islands, Navassa Island, Northern Mariana Islands, Palau, Palmyra Atoll, Virgin Islands of the United States, and Wake Island.

^b Includes R&D performed or administered in foreign countries by the U.S. government.

NOTES: Only 11 agencies are required to report data for this section of survey: Departments of Agriculture, Commerce, Defense (DOD), 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 over 98% of total federal R&D and R&D plant obligations in FY 2009. Geographic distribution of DOD development funding to industry reflects location of prime contractors and not numerous subcontractors who perform much of the R&D.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development: FY 2009–11.