

Table 60. Federal obligations to FFRDCs administered by universities and colleges for research and development, by State: fiscal years 1970-2000

[Dollars in thousands]

State	1970	1971	1972	1973	1974	1975	1976	1977
Total	748,391	728,317	760,140	724,775	787,090	928,098	1,049,319	1,290,908
Alabama	0	0	0	0	0	0	0	0
Alaska	0	0	0	0	0	0	0	0
Arizona	6,419	6,073	7,244	7,780	9,117	8,374	7,498	8,700
Arkansas	0	0	0	0	0	0	0	0
California	308,257	289,361	307,164	262,267	277,204	316,951	355,855	439,089
Colorado	12,968	16,186	21,083	19,365	19,758	20,128	22,915	21,022
Connecticut	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
District of Columbia	1,532	0	0	0	0	1,349	0	704
Florida	0	0	0	0	0	0	0	0
Georgia	339	0	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	0	0
Idaho	13,443	14,581	10,865	12,883	12,974	18,921	21,204	19,207
Illinois	76,933	76,020	89,321	93,048	106,139	142,328	166,127	196,975
Indiana	0	91	0	0	0	0	0	640
Iowa	7,476	6,814	6,477	6,062	6,280	7,774	8,475	11,457
Kansas	0	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0	0
Louisiana	0	0	0	0	0	0	0	0
Maine	0	0	0	0	0	0	0	0
Maryland	52,449	58,330	65,876	64,048	75,148	72,025	71,583	124,517
Massachusetts	61,842	62,082	52,784	62,245	58,601	67,019	61,945	65,062
Michigan	0	0	0	0	0	0	0	0
Minnesota	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	0
Nevada	9,746	6,287	4,206	3,830	0	3,694	4,464	1,466
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	11,588	9,500	7,970	20,223	15,680	23,265	31,419	40,262
New Mexico	99,819	99,679	100,672	98,515	118,882	153,705	186,823	230,649
New York	58,909	54,922	57,663	55,252	63,142	72,467	84,321	98,559
North Carolina	0	0	0	0	250	0	0	0
North Dakota	0	0	0	0	0	0	0	0
Ohio	0	0	0	0	0	0	0	0
Oklahoma	0	0	681	0	0	0	0	0
Oregon	596	485	1,811	0	0	0	0	0
Pennsylvania	9,092	9,321	7,741	5,691	7,704	6,891	10,750	13,431
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	0
Tennessee	1,868	2,796	2,293	2,292	2,976	3,431	2,949	3,672
Texas	0	671	805	70	1,677	0	71	0
Utah	656	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	0
Virginia	1,161	1,371	488	358	3,030	549	772	831

See explanatory information, if any, and SOURCE at end of table.

**Table 60. Federal obligations to FFRDCs administered by
universities and colleges for research and
development, by State: fiscal
years 1970-2000**

[Dollars in thousands]

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State	1970	1971	1972	1973	1974	1975	1976	1977
Washington	2,540	1,957	1,666	0	0	0	0	0
West Virginia	5,180	6,400	6,590	5,832	4,100	5,569	5,335	7,267
Wisconsin	2,578	1,503	1,837	0	0	0	0	0
Wyoming	0	0	0	0	0	0	0	0
Outlying areas	1,400	3,887	2,788	2,530	2,825	2,700	3,776	3,898
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA
Other areas	NA	NA	NA	NA	NA	NA	NA	NA
Offices abroad	1,600	0	2,115	2,484	1,603	958	3,037	3,500

See explanatory information, if any, and SOURCE at end of table.

Table 60. Federal obligations to FFRDCs administered by universities and colleges for research and development, by State: fiscal years 1970-2000

[Dollars in thousands]

State	1978	1979	1980	1981	1982	1983	1984	1985
Total	1,290,129	1,463,189	1,506,131	1,757,243	1,943,395	2,360,289	2,449,719	2,789,514
Alabama	0	0	0	0	0	0	424	610
Alaska	0	0	0	0	0	0	0	0
Arizona	9,126	14,051	14,883	11,103	11,220	11,855	20,684	22,860
Arkansas	0	0	220	19	0	0	0	0
California	511,574	559,071	572,022	669,497	799,278	1,015,316	1,150,303	1,375,286
Colorado	23,143	27,435	26,816	32,337	32,534	32,849	37,011	38,022
Connecticut	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
District of Columbia	0	0	0	1,242	0	0	0	0
Florida	0	0	0	0	0	0	0	0
Georgia	0	0	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	0	0
Idaho	0	23,070	19,791	29,588	50,030	62,847	0	37,980
Illinois	242,373	252,348	253,565	251,671	230,380	229,931	270,745	265,973
Indiana	0	0	433	0	0	0	39,961	0
Iowa	12,921	12,836	13,259	15,956	13,800	13,784	14,827	14,802
Kansas	0	0	0	0	0	1,190	345	0
Kentucky	0	0	0	0	0	0	0	0
Louisiana	0	0	0	0	0	0	0	0
Maine	0	0	0	0	0	0	0	0
Maryland	595	300	3,300	0	0	222,639	89,731	90,071
Massachusetts	66,008	93,001	103,211	138,371	153,977	61,159	68,309	107,713
Michigan	0	0	0	0	0	0	0	0
Minnesota	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	50
Missouri	0	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	37,326	49,529	51,736	66,196	88,316	123,208	120,994	110,258
New Mexico	258,418	285,917	304,312	358,365	383,123	401,236	448,581	528,365
New York	106,155	117,505	108,207	120,222	127,671	137,286	144,940	154,250
North Carolina	0	775	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
Ohio	0	0	0	0	0	0	3,186	4,585
Oklahoma	0	0	0	0	0	0	0	0
Oregon	0	0	0	0	0	0	0	0
Pennsylvania	0	0	0	0	0	0	1,862	2,680
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	7,843	0	0	0
Tennessee	4,463	4,872	4,988	23,854	1,299	8,929	8,786	12,024
Texas	0	0	150	0	0	0	0	0
Utah	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	0
Virginia	612	25	13,637	13,497	17,707	15,700	0	0

See explanatory information, if any, and SOURCE at end of table.

**Table 60. Federal obligations to FFRDCs administered by
universities and colleges for research and
development, by State: fiscal
years 1970-2000**

[Dollars in thousands]

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State	1978	1979	1980	1981	1982	1983	1984	1985
Washington	0	0	0	0	0	0	0	0
West Virginia	9,271	17,929	12,960	14,390	14,840	15,900	21,770	17,835
Wisconsin	0	0	0	0	0	0	0	0
Wyoming	0	0	0	0	0	0	0	0
Outlying areas	4,259	4,525	2,641	5,407	5,320	0	7,260	6,150
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA
Other areas	NA	NA	NA	NA	NA	NA	NA	NA
Offices abroad	3,885	0	0	5,528	6,057	6,460	0	0

See explanatory information, if any, and SOURCE at end of table.

Table 60. Federal obligations to FFRDCs administered by universities and colleges for research and development, by State: fiscal years 1970-2000

[Dollars in thousands]

State	1986	1987	1988	1989	1990	1991	1992	1993
Total	2,742,206	3,181,208	3,449,278	3,473,421	3,432,858	3,585,000	3,833,799	3,595,243
Alabama	0	0	0	0	0	0	0	0
Alaska	0	0	0	0	0	0	0	0
Arizona	22,962	22,950	23,005	24,250	24,413	25,740	28,510	27,545
Arkansas	0	0	0	0	0	0	0	0
California	1,410,103	1,572,409	1,834,992	1,819,649	1,721,022	1,875,200	2,059,604	1,746,484
Colorado	37,203	43,298	40,824	46,665	46,200	49,316	54,539	55,897
Connecticut	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0	0
Florida	0	0	0	0	0	0	0	0
Georgia	0	0	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	0	0
Idaho	60,788	46,635	47,880	49,900	58,812	65,625	68,685	70,844
Illinois	248,832	268,353	289,730	312,811	349,076	345,203	350,745	376,797
Indiana	0	0	0	0	0	0	0	0
Iowa	14,583	15,812	17,653	17,590	18,875	25,989	24,808	27,363
Kansas	0	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0	0
Louisiana	0	0	0	0	0	0	0	0
Maine	0	0	0	0	0	0	0	0
Maryland	83	248	0	251	0	0	0	15,064
Massachusetts	121,144	261,130	196,943	195,836	202,869	198,881	187,025	211,665
Michigan	0	0	0	0	0	0	0	0
Minnesota	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	86,593	89,938	89,717	90,087	89,487	87,843	109,984	106,097
New Mexico	542,423	638,131	649,029	643,118	620,880	601,280	623,377	646,295
New York	153,256	167,537	192,546	211,607	191,654	209,961	204,356	193,249
North Carolina	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
Ohio	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Oregon	0	0	0	0	0	0	0	0
Pennsylvania	10,749	14,004	26,586	16,677	29,422	22,824	27,050	21,636
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	0	0	0	2	0	0	0	0
South Dakota	0	0	0	0	0	0	0	0
Tennessee	11,328	11,524	13,456	12,300	26,481	15,713	21,802	24,456
Texas	0	0	0	0	1,121	2,548	6,936	6,090
Utah	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	0
Virginia	0	7,050	9,617	12,308	17,760	23,366	23,716	28,250

See explanatory information, if any, and SOURCE at end of table.

**Table 60. Federal obligations to FFRDCs administered by
universities and colleges for research and
development, by State: fiscal
years 1970-2000**

[Dollars in thousands]

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State	1986	1987	1988	1989	1990	1991	1992	1993
Washington	0	0	0	4	50	0	0	530
West Virginia	16,439	16,375	17,300	18,458	28,516	30,636	35,315	29,215
Wisconsin	0	0	0	0	0	0	0	0
Wyoming	0	0	0	0	0	0	0	0
Outlying areas	5,720	5,814	0	1,908	6,220	4,875	7,347	7,766
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA
Other areas	NA	NA	NA	NA	NA	NA	NA	NA
Offices abroad	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

**Table 60. Federal obligations to FFRDCs administered by
universities and colleges for research and
development, by State: fiscal
years 1970-2000**

[Dollars in thousands]

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State	1994	1995	1996	1997	1998	1999	2000
Total	3,278,867	3,543,997	3,433,922	3,686,615	3,879,236	3,892,045	4,046,003
Alabama	0	0	0	0	130,201	0	0
Alaska	0	0	0	0	0	0	0
Arizona	28,271	29,099	31,072	33,264	36,485	38,247	37,690
Arkansas	0	0	0	0	0	0	0
California	1,606,176	1,833,383	1,882,668	2,034,903	2,017,569	2,290,375	2,356,203
Colorado	59,527	79,483	72,701	62,685	65,204	77,480	78,952
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	2,036	0	0
Florida	0	0	0	0	0	0	0
Georgia	0	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	0
Idaho	0	0	0	0	0	0	0
Illinois	436,956	420,040	389,487	422,522	398,996	450,934	444,575
Indiana	0	0	0	0	200	0	0
Iowa	27,791	29,815	23,447	20,450	20,824	20,499	19,873
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Louisiana	0	0	0	0	0	0	0
Maine	0	0	0	0	0	0	0
Maryland	0	0	0	0	0	700	0
Massachusetts	137,609	157,784	145,829	156,418	221,292	183,211	182,671
Michigan	0	0	0	0	0	0	0
Minnesota	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0
New Jersey	102,134	115,284	59,366	52,485	37,387	40,322	56,391
New Mexico	548,629	537,033	508,995	559,638	608,320	659,753	727,452
New York	197,809	206,694	204,934	216,934	213,181	104	0
North Carolina	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0
Ohio	0	0	0	0	0	46	0
Oklahoma	0	0	0	0	0	0	0
Oregon	0	0	0	0	0	0	0
Pennsylvania	26,201	21,980	8,626	16,395	16,884	16,927	16,737
Rhode Island	0	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0
Tennessee	23,914	17,105	9,860	9,430	10,256	7,527	10,151
Texas	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0
Virginia	44,597	59,031	58,890	62,434	61,895	64,041	73,985

See explanatory information, if any, and SOURCE at end of table.

Table 60. Federal obligations to FFRDCs administered by universities and colleges for research and development, by State: fiscal years 1970-2000

[Dollars in thousands]

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State	1994	1995	1996	1997	1998	1999	2000
Washington	0	0	0	0	0	0	0
West Virginia	29,218	29,597	29,776	30,813	30,448	33,132	32,540
Wisconsin	0	0	0	0	0	0	0
Wyoming	0	0	0	0	0	0	0
Outlying areas	10,035	7,669	8,271	8,244	8,058	8,747	8,783
Puerto Rico	10,035	7,669	8,271	8,244	8,058	8,747	8,783
Other areas	0	0	0	0	0	0	0
Offices abroad	0	0	0	0	0	0	0

KEY: NA = Not applicable (indicates that the data collected for this table were not recorded at that level for that particular fiscal year)

NOTES: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Health & Human Services, Interior, and Transportation; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D-supporting agencies included in this table represent approximately 99 percent of total Federal R&D obligations in fiscal year 2000.

Although the non-geographic historical tables incorporate corrections to previously reported data that have been submitted by the reporting agencies, corresponding corrections to the geographic distributions are rarely obtainable.

In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

On March 1, 1998, Brookhaven National Laboratory acquired a new nonprofit administrator (Brookhaven Science Associates, Inc.). The previous administrator was a university consortium.

Beginning in the fiscal year 2000, the National Institutes of Health classified all of its development activities as research.

Beginning in fiscal year 2000, the National Aeronautics & Space Administration reclassified Space Station as a physical asset and Space Station Research as equipment, and transferred funding for the program from R&D to R&D plant.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002