

Table 61. Federal obligations to other nonprofit institutions and FFRDCs administered by nonprofit institutions 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
Total	683,367	681,906	727,175	751,059	818,914	820,716	842,723	943,988
Alabama	3,642	6,236	7,292	7,696	9,300	4,508	7,492	7,609
Alaska	1,187	3,409	1,390	4,207	302	137	783	182
Arizona	1,852	7,556	2,440	2,775	2,519	2,352	900	1,007
Arkansas	880	4,270	736	1,485	130	567	138	156
California	159,710	166,555	186,627	180,858	195,044	194,676	193,931	204,007
Colorado	7,930	7,667	6,520	7,977	12,039	9,608	7,864	13,025
Connecticut	2,148	2,197	2,912	3,538	3,357	4,571	3,680	3,727
Delaware	131	1,123	595	316	1,100	1,342	323	385
District of Columbia	47,920	36,408	37,757	39,472	38,312	30,572	37,703	38,836
Florida	2,399	1,602	4,284	4,137	3,476	3,743	2,520	3,038
Georgia	4,563	3,530	3,235	1,733	1,014	1,484	797	3,197
Hawaii	1,833	1,382	2,471	2,686	2,037	1,460	1,220	1,735
Idaho	2,562	2,165	396	514	481	400	483	439
Illinois	28,409	25,488	31,622	26,870	25,351	27,395	28,214	30,607
Indiana	1,154	914	4,033	2,035	981	1,375	1,105	1,086
Iowa	528	498	825	267	661	149	234	19
Kansas	303	319	621	862	384	596	720	780
Kentucky	631	5,030	1,032	3,364	392	1,130	677	2,268
Louisiana	2,344	3,354	3,690	3,631	3,489	1,941	2,444	2,279
Maine	1,930	4,693	2,724	2,867	3,172	3,387	4,003	4,623
Maryland	11,773	16,485	9,283	8,460	18,805	11,678	10,840	8,955
Massachusetts	83,272	80,139	97,285	102,262	174,590	169,764	176,810	191,426
Michigan	4,295	4,436	4,913	8,297	9,322	11,027	8,706	14,357
Minnesota	7,476	9,093	12,503	12,338	15,443	15,454	15,614	21,498
Mississippi	2,991	1,292	1,776	2,427	375	236	274	458
Missouri	9,095	10,784	14,419	14,762	12,863	7,742	10,155	14,234
Montana	772	5,487	228	4,996	580	5,467	2,748	112
Nebraska	121	243	289	593	25	302	222	100
Nevada	369	569	4,124	4,048	3,486	3,966	5,764	5,390
New Hampshire	35	3,310	302	228	774	4,844	519	589
New Jersey	6,731	6,312	7,854	5,453	5,622	5,145	5,053	4,681
New Mexico	7,102	7,415	8,481	7,161	5,412	6,837	4,520	7,795
New York	75,179	87,083	86,157	93,614	73,629	73,826	76,341	82,488
North Carolina	7,314	5,743	6,522	7,084	5,313	5,534	12,432	17,011
North Dakota	1,221	66	225	625	47	216	175	506
Ohio	33,009	30,545	37,930	30,474	31,204	28,570	37,688	27,556
Oklahoma	3,837	3,668	5,015	6,649	2,469	3,532	1,767	3,236
Oregon	8,242	6,396	7,192	9,839	8,908	9,346	10,221	9,938
Pennsylvania	24,855	25,045	30,377	32,801	42,959	57,182	41,775	41,999
Rhode Island	1,164	3,777	1,355	1,832	2,112	2,227	2,312	2,833
South Carolina	1,050	1,812	179	621	382	108	41	240
South Dakota	455	91	258	711	57	97	0	256
Tennessee	5,513	5,462	3,164	4,076	3,823	3,885	3,793	5,499
Texas	8,425	14,051	17,858	22,591	13,496	12,909	13,465	18,752
Utah	3,249	1,097	1,906	847	1,097	1,631	1,364	1,161
Vermont	814	1,874	368	789	530	860	553	594
Virginia	32,468	36,008	31,550	35,400	43,497	36,435	46,617	52,188

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

Table 61. Federal obligations to other nonprofit institutions and FFRDCs administered by nonprofit institutions 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	57,835	19,876	19,016	20,587	25,834	38,495	46,712	80,021
West Virginia	1,692	1,529	6,818	3,453	2,488	1,621	1,585	1,355
Wisconsin	6,513	2,283	3,389	3,795	2,816	2,157	1,193	1,565
Wyoming	15	40	3	13	589	169	14	0
Outlying areas	156	835	234	1,408	313	139	70	480
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA
Other areas	NA	NA	NA	NA	NA	NA	NA	NA
Offices abroad	4,273	4,664	5,000	5,535	6,513	7,922	8,149	7,710

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

Table 61. Federal obligations to other nonprofit institutions and FFRDCs administered by nonprofit institutions 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
Total	1,127,579	1,209,461	1,308,822	1,476,301	1,500,769	1,690,747	1,935,223	2,252,041
Alabama	12,223	10,663	9,064	8,939	13,788	12,909	14,687	20,695
Alaska	76	500	426	666	1,975	71	21	80
Arizona	1,441	1,858	2,152	2,664	2,177	1,696	1,778	1,717
Arkansas	93	680	1,023	623	58	160	650	845
California	250,801	257,729	293,732	356,840	460,501	199,332	220,674	400,608
Colorado	22,563	85,435	95,797	131,118	59,185	53,887	68,100	77,494
Connecticut	3,795	4,826	3,606	5,745	4,249	6,035	5,111	5,030
Delaware	917	1,623	830	499	556	896	1,794	862
District of Columbia	45,661	45,602	52,627	71,595	72,123	62,208	61,681	84,955
Florida	4,953	9,695	5,854	6,652	7,302	12,333	15,245	5,047
Georgia	4,865	4,897	5,071	7,347	4,732	16,497	4,060	4,585
Hawaii	2,517	2,300	2,817	3,423	3,212	8,400	2,776	4,682
Idaho	528	898	476	350	1,672	847	162	944
Illinois	32,535	38,753	39,520	38,207	26,579	30,053	32,427	69,981
Indiana	1,360	2,464	1,918	1,054	1,604	1,483	1,210	1,994
Iowa	307	1,407	448	611	114	187	1,046	209
Kansas	931	1,455	878	1,565	974	980	736	826
Kentucky	3,675	2,166	1,131	623	404	234	186	88
Louisiana	1,762	2,781	1,389	2,263	3,914	2,634	1,766	1,676
Maine	5,562	7,107	7,286	6,394	7,528	8,865	9,946	10,744
Maryland	18,948	20,144	28,808	32,594	20,423	44,589	32,625	34,014
Massachusetts	238,000	241,415	258,513	305,393	315,512	695,293	868,328	843,070
Michigan	14,659	12,382	20,582	18,814	17,148	28,077	21,341	19,331
Minnesota	21,749	24,551	27,471	21,707	25,053	27,407	31,946	34,768
Mississippi	279	976	1,121	813	870	27	574	7,461
Missouri	14,809	10,556	12,361	11,997	13,385	9,291	11,177	12,135
Montana	210	1,543	446	1,133	479	521	575	342
Nebraska	4,821	568	586	1,233	1,917	357	1,723	1,030
Nevada	3,676	4,787	5,428	7,616	636	99	140	134
New Hampshire	758	567	451	49	902	96	98	158
New Jersey	4,763	7,093	7,475	4,087	5,226	6,330	6,984	7,809
New Mexico	10,092	12,464	12,823	11,316	16,243	22,966	25,455	24,966
New York	87,585	92,472	101,814	111,106	104,645	98,143	106,761	114,852
North Carolina	19,364	13,508	13,662	16,533	11,031	11,717	9,750	19,894
North Dakota	0	219	291	0	0	147	228	346
Ohio	35,070	40,124	31,731	32,713	35,466	43,173	41,110	43,851
Oklahoma	3,998	3,865	4,715	2,882	4,365	4,889	5,346	17,954
Oregon	12,811	10,575	8,901	8,367	9,317	9,595	13,009	14,652
Pennsylvania	51,556	56,075	60,654	60,703	53,423	62,423	66,947	74,231
Rhode Island	3,869	5,688	5,628	7,159	7,593	7,481	10,553	11,585
South Carolina	509	5,447	411	6,061	1,588	779	1,351	737
South Dakota	508	352	128	2,112	10	0	0	0
Tennessee	5,854	5,968	8,664	6,651	8,246	9,816	9,871	12,032
Texas	31,169	18,781	18,882	23,684	25,686	36,787	34,007	38,239
Utah	1,310	3,443	4,193	953	2,014	872	1,158	2,717
Vermont	369	957	866	372	199	910	402	215
Virginia	36,598	34,006	38,353	44,559	72,335	67,509	109,936	112,772

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

Table 61. Federal obligations to other nonprofit institutions and FFRDCs administered by nonprofit institutions for research and development, by State: fiscal years 1970-2000

[Dollars in thousands]

State	1978	1979	1980	1981	1982	1983	1984	1985
Washington	95,562	81,125	104,177	85,647	72,046	73,268	75,401	104,868
West Virginia	1,342	2,618	862	393	82	4,468	169	325
Wisconsin	1,406	3,009	2,082	2,425	1,983	3,683	3,497	3,022
Wyoming	10	426	486	0	0	0	0	582
Outlying areas	94	1,131	20	12	104	3	593	235
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA
Other areas	NA	NA	NA	NA	NA	NA	NA	NA
Offices abroad	9,266	9,787	192	39	195	324	112	652

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

Table 61. Federal obligations to other nonprofit institutions and FFRDCs administered by nonprofit institutions for research and development, by State: fiscal years 1970-2000

[Dollars in thousands]

State	1986	1987	1988	1989	1990	1991	1992	1993
Total	2,094,302	2,081,802	2,088,892	2,325,931	2,641,046	2,967,963	3,183,915	3,313,856
Alabama	16,364	20,822	27,401	20,350	23,101	36,212	28,251	20,187
Alaska	67	157	1,114	1,035	2,080	1,954	716	582
Arizona	3,642	8,782	4,767	6,622	9,828	10,840	7,897	8,590
Arkansas	2,248	935	1,609	1,128	1,520	2,010	1,286	1,475
California	390,088	383,119	436,724	497,214	437,931	472,977	559,562	516,012
Colorado	80,740	72,827	72,657	80,243	90,856	106,276	112,093	153,156
Connecticut	6,665	6,710	8,586	12,531	15,110	14,568	15,384	18,214
Delaware	2,074	2,647	1,916	2,110	2,239	2,883	2,482	2,992
District of Columbia	91,024	100,959	124,905	136,744	143,858	145,274	187,355	145,143
Florida	5,364	5,442	5,696	6,317	5,997	5,307	6,743	4,041
Georgia	4,228	2,189	4,795	8,411	7,252	5,834	6,387	11,398
Hawaii	4,912	4,711	5,416	7,071	11,257	10,953	9,262	9,486
Idaho	75	275	309	531	539	777	544	393
Illinois	76,043	39,137	52,206	65,473	47,745	47,020	41,284	45,563
Indiana	4,599	987	2,076	3,331	2,745	4,247	2,156	3,111
Iowa	172	400	240	1,767	2,593	3,316	2,415	2,881
Kansas	751	748	859	1,797	1,474	5,219	3,119	5,269
Kentucky	95	168	1,118	1,942	1,550	2,348	2,630	1,547
Louisiana	1,357	750	668	1,488	2,312	2,268	1,914	1,977
Maine	10,735	12,922	12,192	15,365	14,368	16,456	16,909	17,055
Maryland	64,560	41,427	57,046	69,118	135,199	152,448	154,173	209,617
Massachusetts	631,102	631,621	505,203	490,591	556,442	609,377	609,229	701,299
Michigan	22,033	20,360	19,403	31,704	35,046	41,543	77,328	57,861
Minnesota	35,775	38,684	39,629	42,918	40,583	45,733	75,368	91,959
Mississippi	1,564	5,056	4,731	2,720	4,646	3,841	4,555	3,828
Missouri	13,483	14,878	16,954	16,793	15,843	22,217	17,384	18,042
Montana	304	193	709	1,077	1,257	1,340	1,244	1,283
Nebraska	1,249	1,842	1,640	2,126	4,831	6,125	5,520	6,064
Nevada	129	233	324	889	764	2,876	3,468	1,335
New Hampshire	1,481	196	239	97	395	330	243	2,306
New Jersey	9,474	6,946	7,947	21,635	10,407	11,528	11,355	19,871
New Mexico	11,796	11,404	11,461	12,857	15,424	14,679	13,655	15,075
New York	136,969	136,901	149,577	150,818	155,838	169,570	167,845	184,734
North Carolina	16,315	27,995	25,010	36,241	27,843	27,279	33,294	37,212
North Dakota	249	232	248	665	753	1,231	1,239	1,139
Ohio	40,688	44,676	42,570	46,013	44,144	56,590	66,696	77,075
Oklahoma	7,119	17,262	11,657	16,338	8,777	18,425	16,984	15,119
Oregon	13,851	15,047	16,988	20,527	24,152	24,305	20,902	26,310
Pennsylvania	67,796	93,274	88,031	102,667	114,361	137,865	150,098	158,950
Rhode Island	12,002	13,796	13,227	13,447	19,959	17,878	18,640	20,258
South Carolina	1,800	10,400	21,123	9,800	8,238	10,285	7,364	2,068
South Dakota	160	231	12	262	709	1,868	1,108	1,202
Tennessee	12,981	11,818	13,285	14,142	13,871	27,615	36,804	45,574
Texas	23,359	43,140	43,114	75,294	210,083	257,134	241,398	224,091
Utah	22,151	2,209	2,597	2,362	2,969	3,735	1,845	4,924
Vermont	4,186	327	1,811	2,639	3,066	4,543	1,556	3,369
Virginia	148,082	124,680	110,143	120,456	156,367	182,420	219,955	186,818

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

Table 61. Federal obligations to other nonprofit institutions and FFRDCs administered by nonprofit institutions 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	89,065	91,423	106,239	120,883	169,571	192,490	186,251	191,933
West Virginia	446	333	735	2,098	1,729	4,985	5,668	3,503
Wisconsin	2,245	2,829	4,052	4,870	11,474	13,423	18,152	26,369
Wyoming	0	6,341	7,081	20,858	21,575	6,689	4,130	5,283
Outlying areas	0	417	440	1,471	375	527	261	313
Puerto Rico	NA	NA	NA	NA	NA	NA	NA	NA
Other areas	NA	NA	NA	NA	NA	NA	NA	NA
Offices abroad	645	944	412	85	0	330	1,814	0

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

Table 61. Federal obligations to other nonprofit institutions and FFRDCs administered by nonprofit institutions 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	3,436,640	3,392,062	3,432,998	3,576,210	3,553,811	4,260,809	5,177,079
Alabama	23,463	17,882	21,557	18,996	24,427	16,957	30,014
Alaska	199	635	800	2,421	3,999	2,005	4,585
Arizona	9,555	6,198	7,446	6,366	8,986	10,251	14,504
Arkansas	3,572	3,138	1,971	2,030	2,910	3,912	5,018
California	528,958	511,654	595,117	676,907	643,418	710,131	801,742
Colorado	133,323	148,696	155,696	198,432	178,977	194,822	188,016
Connecticut	17,587	9,737	10,486	14,752	22,276	16,219	29,661
Delaware	4,019	2,994	6,461	4,395	3,042	2,880	2,406
District of Columbia	285,509	168,648	183,545	176,344	153,210	202,820	215,074
Florida	4,421	8,165	17,317	11,009	12,354	16,258	25,655
Georgia	30,610	7,766	7,772	7,021	10,787	14,542	16,730
Hawaii	11,375	14,520	12,042	13,207	22,149	21,895	27,451
Idaho	323	548	637	315	60	279	119
Illinois	42,810	41,416	47,502	54,309	61,767	68,009	91,525
Indiana	5,816	3,596	6,996	3,588	3,318	2,030	3,723
Iowa	2,527	1,054	2,375	3,252	4,184	3,888	3,170
Kansas	1,095	910	876	1,328	1,210	1,334	1,591
Kentucky	262	1,102	1,886	1,086	1,768	627	2,314
Louisiana	1,976	1,863	8,733	4,214	4,117	4,058	2,186
Maine	21,768	23,310	22,379	26,791	30,764	35,172	55,218
Maryland	153,528	157,261	157,092	159,077	177,870	185,536	224,381
Massachusetts	689,014	740,062	757,712	814,597	771,255	879,989	1,048,337
Michigan	45,675	49,778	43,081	31,743	18,882	15,694	16,771
Minnesota	73,128	84,775	110,073	91,783	92,906	111,982	128,542
Mississippi	4,974	3,305	3,479	6,659	7,886	5,760	7,926
Missouri	17,416	17,723	19,581	21,003	22,772	24,499	32,084
Montana	1,018	1,677	5,906	3,561	3,476	8,335	7,443
Nebraska	5,788	5,754	5,595	5,026	6,632	5,210	6,434
Nevada	1,295	1,457	1,987	2,188	4,181	1,437	2,376
New Hampshire	1,769	1,722	1,642	2,235	1,669	1,718	2,305
New Jersey	14,020	15,462	15,584	17,602	23,188	21,290	20,566
New Mexico	13,029	13,635	15,665	10,615	15,356	23,427	26,909
New York	195,939	202,749	194,625	208,475	223,533	523,645	545,350
North Carolina	45,822	59,002	44,124	61,427	61,728	71,752	71,230
North Dakota	1,270	947	1,002	449	1,145	920	1,423
Ohio	77,365	72,474	74,981	91,782	126,176	132,489	165,582
Oklahoma	8,005	9,289	9,320	8,646	8,438	14,697	15,646
Oregon	34,824	33,120	35,552	37,112	20,643	24,998	30,465
Pennsylvania	182,499	189,379	164,216	175,456	173,920	162,588	211,952
Rhode Island	18,668	16,767	19,542	22,121	22,801	33,570	40,269
South Carolina	6,528	2,732	3,697	3,799	3,807	1,466	5,226
South Dakota	1,346	847	917	1,500	2,125	370	300
Tennessee	29,279	19,875	23,707	25,583	27,895	34,036	343,840
Texas	166,896	163,861	145,076	81,448	71,728	80,056	87,096
Utah	5,630	7,730	1,236	2,691	1,746	3,870	3,714
Vermont	3,274	1,413	840	955	1,543	1,742	988
Virginia	227,282	215,553	215,045	180,136	181,321	212,632	234,959

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

Table 61. Federal obligations to other nonprofit institutions and FFRDCs administered by nonprofit institutions 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	250,890	301,336	224,048	258,314	273,038	326,253	346,983
West Virginia	10,099	5,999	5,251	10,942	1,368	4,726	10,214
Wisconsin	16,010	6,720	8,103	8,721	8,233	14,783	12,590
Wyoming	5,036	12,628	12,474	2,469	2,827	3,218	3,577
Outlying areas	100	186	251	10	0	12	899
Puerto Rico	100	186	251	10	0	12	899
Other areas	0	0	0	0	0	0	0
Offices abroad	56	3,012	0	1,322	0	20	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 94 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