

Table 6. Geographic distribution of US R&D expenditures: Performance by sector, broken down by sources of funds: 1995¹

Performing Sector:	Total R&D	Federal Govt.	Industry			Universities & Colleges						U&C FFRDCs	Other Nonprofit institutions				Nonprofit FFRDCs
Funding Sector:	Total R&D	Federal Govt.	Total	Federal Govt. ²	Industry ²	Total	Federal Govt.	Nonfed. Govt.	Industry	U&C	Non-Profits	Federal Govt. ³	Total	Federal Govt.	Industry	Non-Profits	Federal Govt.
Location	Thousands of current dollars																
United States, total ¹	183,013,221	17,342,745	132,103,000	23,451,000	108,652,000	22,101,220	13,331,158	1,654,996	1,492,433	4,023,631	1,599,002	5,405,345	5,152,493	2,806,493	830,000	1,516,000	831,393
Alabama	1,680,828	642,257	686,000	273,000	413,000	334,689	190,330	6,991	29,164	86,664	21,540	0	NA	17,882	NA	NA	0
Alaska	163,396	60,545	30,000	D	D	72,216	37,285	5,607	5,470	23,850	4	0	NA	635	NA	NA	0
Arizona	1,995,303	177,935	1,356,000	620,000	736,000	380,216	210,475	8,080	23,238	126,380	12,043	75,005	NA	6,198	NA	NA	0
Arkansas	329,500	57,563	181,000	D	D	87,799	33,348	23,779	7,693	19,717	3,262	0	NA	3,138	NA	NA	0
California	36,132,656	1,843,729	28,710,000	6,925,000	21,785,000	2,594,280	1,796,691	107,055	120,080	372,941	197,513	2,377,815	NA	361,960	NA	NA	245,360
Colorado	2,603,092	167,869	1,865,000	274,000	1,591,000	393,809	260,247	21,998	24,470	51,690	35,404	125,310	NA	46,418	NA	NA	4,743
Connecticut	4,310,652	17,690	3,906,000	389,000	3,517,000	377,225	227,915	18,732	20,327	78,243	32,008	0	NA	9,737	NA	NA	0
Delaware	1,148,632	15,477	1,077,000	12,000	1,065,000	53,161	27,352	2,144	3,681	14,560	5,424	0	NA	2,994	NA	NA	0
District of Columbia	3,128,056	2,106,077	672,000	17,000	656,000	181,461	132,770	814	13,297	19,937	14,643	0	NA	168,518	NA	NA	0
Florida	5,223,199	554,440	4,101,000	1,634,000	2,467,000	559,104	317,081	41,466	36,382	135,110	29,065	0	NA	8,165	NA	NA	0
Georgia	2,112,572	272,178	1,175,000	142,000	1,031,000	657,530	302,390	53,611	55,018	221,785	24,726	0	NA	7,766	NA	NA	0
Hawaii	508,912	401,963	14,000	D	D	78,429	44,238	26,789	299	3,738	3,365	0	NA	14,520	NA	NA	0
Idaho	913,961	27,792	827,000	D	D	58,621	19,710	13,615	7,408	16,350	1,538	0	NA	548	NA	NA	0
Illinois	7,486,667	80,626	5,776,000	146,000	5,630,000	817,640	467,952	46,903	43,048	195,052	64,685	770,554	NA	41,416	NA	NA	0
Indiana	3,162,633	62,061	2,721,000	382,000	2,339,000	375,719	197,095	22,463	34,542	101,283	20,336	0	NA	3,596	NA	NA	0
Iowa	1,391,030	37,257	998,000	D	D	322,769	163,620	47,279	19,391	77,793	14,686	31,925	NA	1,054	NA	NA	0
Kansas	763,777	12,296	569,000	D	D	181,496	70,026	39,353	11,434	52,517	8,166	0	NA	910	NA	NA	0
Kentucky	593,797	5,911	452,000	4,000	448,000	134,784	59,811	9,589	16,627	43,883	4,874	0	NA	1,102	NA	NA	0
Louisiana	423,102	45,108	61,000	D	D	314,996	135,838	71,898	21,317	66,446	19,497	0	NA	1,863	NA	NA	0
Maine	345,016	4,238	286,000	D	D	31,901	15,789	2,005	4,158	9,357	592	0	NA	23,310	NA	NA	0
Maryland	6,518,849	4,158,824	1,075,000	287,000	788,000	1,159,866	894,585	75,759	55,111	84,508	49,903	0	NA	123,499	NA	NA	1,564
Massachusetts	9,969,452	315,749	7,416,000	1,458,000	5,958,000	1,147,150	824,826	13,240	89,409	92,116	127,559	344,657	NA	587,363	NA	NA	158,589
Michigan	13,274,875	82,008	12,388,000	148,000	12,240,000	755,089	417,755	48,961	50,629	180,866	56,878	0	NA	49,778	NA	NA	0
Minnesota	3,086,938	30,139	2,636,000	315,000	2,321,000	336,524	194,819	49,543	23,427	46,235	22,500	0	NA	84,775	NA	NA	0
Mississippi	314,710	132,616	66,000	D	D	112,789	62,597	23,778	8,912	11,211	6,291	0	NA	3,305	NA	NA	0
Missouri	2,498,523	55,445	2,028,000	584,000	1,443,000	397,192	212,750	21,486	36,639	92,974	33,343	0	NA	17,723	NA	NA	0
Montana	119,109	33,553	17,000	D	D	66,879	27,382	12,914	5,825	20,172	586	0	NA	1,677	NA	NA	0
Nebraska	335,930	23,132	150,000	D	D	157,044	54,746	42,331	10,933	45,536	3,498	0	NA	5,754	NA	NA	0
Nevada	445,100	34,669	322,000	D	D	86,902	47,708	6,460	6,941	24,798	995	0	NA	1,457	NA	NA	0
New Hampshire	598,033	30,902	472,000	36,000	436,000	93,073	60,131	3,963	3,919	12,948	12,112	0	NA	1,722	NA	NA	0
New Jersey	9,127,706	343,667	8,200,000	197,000	8,002,000	443,371	208,934	39,535	25,861	135,607	33,434	125,685	NA	11,332	NA	NA	4,130
New Mexico	3,295,475	481,047	1,461,000	1,380,000	81,000	230,393	156,554	17,298	10,696	38,562	7,283	1,109,400	NA	6,218	NA	NA	7,417
New York	10,954,468	117,250	8,651,000	1,821,000	6,831,000	1,702,414	1,107,468	95,941	98,200	206,258	194,547	281,148	NA	202,749	NA	NA	0
North Carolina	3,191,499	220,179	2,226,000	15,000	2,212,000	686,609	431,682	97,647	74,086	61,857	21,337	0	NA	59,002	NA	NA	0
North Dakota	97,606	25,042	12,000	D	D	59,617	27,841	1,534	3,346	25,043	1,853	0	NA	947	NA	NA	0

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Funding Sector:	Total R&D	Federal Govt.	Total	Federal Govt. ²	Industry ²	Total	Federal Govt.	Nonfed. Govt.	Industry	U&C	Non-Profits	Federal Govt. ³	Total	Federal Govt.	Industry	Non-Profits	Federal Govt.
Location	Thousands of current dollars																
Ohio	5,314,155	599,044	4,001,000	574,000	3,428,000	642,596	375,061	47,690	54,316	106,701	58,828	0	NA	71,914	NA	NA	0
Oklahoma	528,764	45,104	288,000	38,000	249,000	186,371	59,504	19,699	11,453	79,107	16,608	0	NA	9,289	NA	NA	0
Oregon	1,088,654	55,959	741,000	35,000	706,000	258,575	158,076	30,312	11,693	37,453	21,041	0	NA	33,120	NA	NA	0
Pennsylvania	6,919,124	227,520	5,331,000	376,000	4,955,000	1,139,531	754,444	34,954	120,303	164,296	65,534	31,525	NA	189,379	NA	NA	0
Rhode Island	896,458	254,302	520,000	D	D	105,501	72,461	3,225	2,479	25,644	1,692	0	NA	16,767	NA	NA	0
South Carolina	996,261	34,441	739,000	D	D	220,088	109,443	17,899	19,364	53,994	19,388	0	NA	2,732	NA	NA	0
South Dakota	54,667	13,428	19,000	0	19,000	21,392	10,623	6,772	469	2,341	1,187	0	NA	847	NA	NA	0
Tennessee	1,402,352	62,100	1,003,000	D	D	308,155	191,797	35,395	16,345	45,116	19,502	9,612	NA	19,875	NA	NA	0
Texas	8,385,028	537,508	6,211,000	912,000	5,298,000	1,472,165	747,687	158,886	102,486	296,606	166,500	0	NA	163,001	NA	NA	860
Utah	1,144,214	131,138	803,000	178,000	625,000	202,212	140,600	15,431	9,456	28,065	8,660	0	NA	7,730	NA	NA	0
Vermont	308,180	4,702	248,000	D	D	54,065	32,932	2,454	5,467	9,519	3,693	0	NA	1,413	NA	NA	0
Virginia	3,897,253	1,580,530	1,577,000	743,000	834,000	446,776	261,604	46,814	45,897	64,379	28,082	74,015	NA	41,651	NA	NA	177,472
Washington	5,240,679	159,837	4,294,000	D	D	485,970	340,327	13,761	39,429	77,212	15,241	0	NA	95,900	NA	NA	204,972
West Virginia	475,040	139,595	243,000	D	D	53,399	30,464	2,023	3,160	13,470	4,282	33,047	NA	5,999	NA	NA	0
Wisconsin	2,226,046	40,344	1,706,000	33,000	1,673,000	472,982	270,622	42,549	16,873	92,115	50,823	0	NA	6,720	NA	NA	0
Wyoming	86,767	8,669	25,000	D	D	40,470	15,373	3,125	1,930	17,454	2,588	0	NA	12,628	NA	NA	0
Other/unknown	5,804,960	771,290	1,772,000	3,502,000	8,875,000	548,215	320,399	53,446	30,335	114,172	29,863	15,647	2,594,497	248,497	830,000	1,516,000	26,286

¹In the absence of preliminary data by state for Fiscal year 1996, Fiscal-year 1995 data were not converted to calendar year data, as otherwise done for Tables 1-4. However, Fiscal-year data (for Federal intramural R&D, academic R&D, and Federal support to nonprofits and nonprofit FFRDCs) serves, in this case, as an approximation to calendar-year data. The discrepancy in the use of fiscal-year data as approximations for calendar-year data is not large: only \$77 million of the \$183,013 million of total U.S. R&D for 1995.

²Federal support for "industry" R&D includes performance at industry FFRDCs, and industry support of industry R&D includes all non-Federal sources.

³Includes total R&D expenditures of FFRDCs administered by academic institutions.

Key: FFRDCs=Federally Funded Research and Development Centers; U&C=universities and colleges; NA=Not Available; D=data have been withheld to avoid disclosing information about individual companies.

NOTES: Data are based on annual reports by performers except for the nonprofit sector. Detail may not sum to totals, due to rounding.

SOURCES: National Science Foundation/SRS. Data were derived from NSF/SRS, Research and Development in Industry 1995; NSF/SRS, Academic Science/Engineering: R&D Expenditures, Fiscal Year 1995; NSF/SRS, Federal Funds for Research and Development; Fiscal Years 1995, 1996, and 1997.