

Table 2B. National expenditures for Basic Research: Sources of funds by sector, broken down by performers that use those funds: 1990-97¹
 (See the historical database provided in Table 7 for the full series of historical data, arranged by the same data columns as defined in this and other tables.)

Funding Sector:	Total U.S.	Federal Government								Industry				U&Cs	Nonprofits			Nonfed. Govt. ⁶
Performing Sector	Total U.S.	Total	Federal Govt.	Industry ²	FFRDCs ²	U&Cs	U&C FFRDCs ³	Non-profits ²	Nonprofit FFRDCs ²	Total	Industry ⁴	U&Cs ⁵	Non-profits	U&Cs ⁵	Total	Non-Profits	U&Cs ⁵	U&Cs ⁵
Data Column Calendar Year ⁷	[43]	[79]	[44]	[46]	[48]	[50]	[55]	[57]	[60]	[80]	[47]	[52]	[58]	[53]	[81]	[59]	[54]	[51]
Millions of current dollars																		
1990	22,556	13,935	2,319	869	499	6,767	2,470	947	65	4,739	3,760	692	287	1,867	1,194	459	736	821
1991 ⁸	26,629	15,133	2,378	1,251	461	7,273	2,657	1,036	77	7,187	6,125	749	313	2,089	1,317	501	816	904
1992	27,044	15,538	2,419	712	474	7,886	2,867	1,114	67	6,950	5,816	805	329	2,202	1,421	537	884	933
1993	28,125	16,297	2,623	466	492	8,537	2,953	1,155	72	7,143	5,961	843	339	2,235	1,493	567	925	957
1994	28,934	16,732	2,557	436	503	9,091	2,944	1,128	74	7,307	6,078	878	351	2,361	1,563	596	968	970
1995	28,642	16,876	2,638	190	530	9,547	2,781	1,116	74	6,684	5,379	923	382	2,477	1,588	606	982	1,017
1996 prelim.	29,574	16,996	2,477	182	530	9,837	2,781	1,114	74	7,270	5,874	984	412	2,597	1,652	630	1,023	1,059
1997 prelim.	31,212	17,680	2,687	178	530	10,142	2,781	1,279	83	7,957	6,467	1,046	445	2,725	1,736	661	1,075	1,113
Millions of constant 1992 dollars																		
1990	24,088	14,881	2,476	928	533	7,226	2,638	1,011	69	5,061	4,015	739	307	1,994	1,275	490	786	877
1991 ⁸	27,362	15,549	2,444	1,285	474	7,473	2,730	1,064	79	7,385	6,294	770	322	2,146	1,353	515	838	929
1992	27,044	15,538	2,419	712	474	7,886	2,867	1,114	67	6,950	5,816	805	329	2,202	1,421	537	884	933
1993	27,408	15,882	2,556	454	479	8,319	2,878	1,126	70	6,961	5,809	822	330	2,178	1,455	553	902	932
1994	27,567	15,942	2,436	415	479	8,661	2,805	1,075	71	6,962	5,791	836	335	2,250	1,490	568	922	924
1995	26,628	15,689	2,453	177	493	8,875	2,585	1,038	69	6,214	5,001	858	355	2,303	1,477	564	913	945
1996 prelim.	26,881	15,448	2,252	166	482	8,941	2,528	1,013	68	6,608	5,339	895	374	2,360	1,502	572	929	963
1997 prelim.	27,643	15,659	2,379	158	469	8,983	2,463	1,133	74	7,048	5,728	926	394	2,413	1,538	585	952	986

¹ The next updates of these data, covering the years 1953-98, along with technical notes explaining methodological issues of measurement, will be provided in NSF, *National Patterns of R&D Resources: 1998* (forthcoming).

² For 1953-63, basic research of industry FFRDCs were not separated out from total Federal support to the industrial sector for basic research. Thus, the figure for Federal support to industry for basic research includes support for basic research at industry FFRDCs for those years. The same is true for basic research by nonprofit FFRDCs in 1953-87, which is included in Federal support for basic research at nonprofit institutions for those years.

³ Includes all R&D expenditures of FFRDCs administered by academic institutions. In 1994, 99 percent of total funds used were from Federal sources.

⁴ Industry sources of industry R&D expenditures include all non-Federal sources of industry R&D expenditures.

⁵ The breakdown of academic basic research performance by sources other than the Federal government has been estimated for all years.

⁶ Because of limitations in the survey information, data on nonfederal government funding to other performers are not available, and are consequently included in other sectors' support for their own R&D performance. For example, nonfederal government support to nonprofits is included in nonprofits' support for their own R&D (data column[17]).

⁷ Expenditure levels for academic and Federal government performers are also in reference to calendar years, which represents a change from previous reporting in *National Patterns of R&D Resources*. These levels are approximations based on fiscal-year data. For academic expenditures, and Federal government expenditures starting in 1977, the calendar-year approximation is equal to 75 percent of the amount reported in the same fiscal year plus 25 percent of the amount reported in the subsequent fiscal year. For Federal government expenditures prior to 1977, the respective percentages are 50 and 50, since earlier fiscal years began on July 1 instead of October 1.

⁸ Due to revisions in survey methodology and sampling of industrial R&D, data for 1991 and subsequent years may not be comparable to data for previous years. (See *National Patterns of R&D Resources: 1996* or *National Patterns of R&D Resources: 1998*, forthcoming.)

Key: FFRDCs=Federally Funded Research and Development Centers; U&C=universities and colleges

NOTES: Data are based on annual reports by performers except for the nonprofit sector; R&D expenditures by nonprofit sector performers have been estimated since 1973 on the basis of a survey conducted in that year. Data are preliminary for 1996 and 1997. The procedure for estimating the breakdown of industry R&D into basic research, applied research, and development was revised for 1986 and later years.

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; industry data available in Standard and Poors Compustat; and an independent survey conducted by the Industrial Research Institute.