

Table 1B. National expenditures for R&D: 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. ⁵				
Performing Sector	Total U.S.	Total	Federal Govt.	Industry ²	FFRDCs ²	U&Cs	FFRDCs ³	Non-profits ²	FFRDCs ²	Total	Industry ⁴	U&Cs	Non-profits	U&Cs	Total	Non-Profits	U&Cs	U&Cs				
Data Column	[1]	[37]	[2]	[4]	[6]	[8]	[13]	[15]	[18]	[38]	[5]	[10]	[16]	[11]	[39]	[17]	[12]	[9]				
Calendar Year ⁶										Millions of current dollars												
1990	151,655	61,456	15,671	25,802	2,323	9,785	4,894	2,346	636	83,374	81,602	1,147	625	3,096	2,367	1,147	1,220	1,361				
1991 ⁷	160,521	60,563	15,249	24,095	2,277	10,447	5,120	2,679	696	92,484	90,580	1,224	680	3,412	2,585	1,252	1,333	1,478				
1992	164,932	60,693	15,853	22,369	2,353	11,306	5,259	2,806	748	96,404	94,388	1,300	716	3,558	2,770	1,342	1,428	1,508				
1993	165,188	60,350	16,532	20,844	1,965	12,129	5,289	2,841	749	96,704	94,591	1,376	737	3,646	2,928	1,419	1,510	1,561				
1994	168,554	60,692	16,440	20,261	2,202	12,826	5,305	2,899	759	99,332	97,131	1,437	764	3,867	3,074	1,489	1,585	1,588				
1995	183,013	63,147	17,231	21,178	2,273	13,434	5,405	2,822	804	110,998	108,652	1,516	830	4,069	3,129	1,516	1,613	1,670				
1996 prelim.	193,206	62,810	16,774	20,931	2,273	13,855	5,405	2,871	702	121,156	118,648	1,613	895	4,255	3,250	1,575	1,676	1,736				
1997 prelim.	205,742	62,745	16,450	20,787	2,273	14,285	5,405	2,900	644	133,308	130,631	1,710	967	4,457	3,411	1,653	1,759	1,821				
Data Column	[19]	[40]	[20]	[22]	[24]	[26]	[31]	[33]	[36]	[41]	[23]	[28]	[34]	[29]	[42]	[35]	[30]	[27]				
Calendar Year ⁶										Millions of constant 1992 dollars												
1990	161,957	65,631	16,736	27,555	2,481	10,450	5,226	2,505	679	89,038	87,145	1,225	667	3,307	2,527	1,224	1,303	1,454				
1991 ⁷	164,940	62,230	15,669	24,758	2,340	10,734	5,261	2,753	715	95,030	93,073	1,257	699	3,506	2,656	1,287	1,369	1,518				
1992	164,932	60,693	15,853	22,369	2,353	11,306	5,259	2,806	748	96,404	94,388	1,300	716	3,558	2,770	1,342	1,428	1,508				
1993	160,977	58,811	16,111	20,313	1,915	11,820	5,154	2,769	730	94,238	92,180	1,340	718	3,553	2,853	1,382	1,471	1,521				
1994	160,592	57,825	15,663	19,304	2,098	12,220	5,054	2,762	724	94,640	92,543	1,369	728	3,685	2,929	1,419	1,510	1,513				
1995	170,142	58,706	16,019	19,689	2,113	12,489	5,025	2,623	747	103,192	101,011	1,410	772	3,783	2,909	1,409	1,500	1,553				
1996 prelim.	175,610	57,090	15,246	19,025	2,066	12,593	4,913	2,609	638	110,121	107,842	1,466	813	3,867	2,954	1,431	1,523	1,578				
1997 prelim.	182,217	55,571	14,569	18,410	2,013	12,652	4,787	2,569	571	118,066	115,695	1,515	856	3,947	3,021	1,464	1,557	1,612				

¹The 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).

²For 1953-54, expenditures of industry FFRDCs were not separated out from total Federal support to the industrial sector. Thus, the figure for Federal support to industry includes support to FFRDCs for those two years. The same is true for expenditures of nonprofit FFRDCs, which is included in Federal support for nonprofit institutions in 1953-54.

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

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

⁵Because 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]).

⁶Expenditure 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.

⁷Due 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.

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.