

Table 3B. National expenditures for applied research: Sources of funds by sector, subdivided by performers that use those funds: 1992-99¹

(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	Industry FFRDCs ²	U&Cs	U&C FFRDCs ³	Non-profits ²	Nonprofit FFRDCs ²	Total	Industry ⁴	U&Cs	Non-profits	U&Cs	Total	Non-Profits	U&Cs	U&Cs
Data Column	[85]	[121]	[86]	[88]	[90]	[92]	[97]	[99]	[102]	[122]	[89]	[94]	[100]	[95]	[123]	[101]	[96]	[93]
Calendar Year ⁶	Millions of current dollars																	
1992.....	38,066	13,693	4,337	4,476	507	2,413	946	933	81	21,838	21,184	415	239	1,120	937	482	455	479
1993.....	37,379	14,068	4,838	4,295	435	2,529	969	900	103	20,642	19,956	440	245	1,180	997	510	486	492
1994.....	36,689	13,799	5,003	3,616	503	2,625	980	960	112	20,085	19,372	459	254	1,255	1,039	532	507	511
1995.....	41,085	13,648	5,007	3,164	535	2,758	1,117	935	131	24,519	23,755	487	277	1,311	1,055	541	514	551
1996.....	43,156	13,964	4,874	3,640	231	2,854	1,284	960	122	26,187	25,370	514	303	1,358	1,076	557	519	571
1997.....	47,453	13,432	5,079	2,648	213	2,917	1,442	1,010	123	30,694	29,782	579	333	1,554	1,167	594	572	608
1998 prelim.....	51,722	13,909	5,421	2,460	198	3,054	1,633	1,040	104	34,037	32,998	672	367	1,820	1,287	638	649	669
1999 prelim.....	56,462	14,203	5,494	2,376	212	3,216	1,729	1,073	101	38,144	36,991	747	406	2,016	1,379	677	702	720
Data Column	[103]	[124]	[104]	[106]	[108]	[110]	[115]	[117]	[120]	[125]	[107]	[112]	[118]	[113]	[126]	[119]	[114]	[111]
Calendar Year ⁶	Millions of constant 1992 dollars																	
1992.....	38,066	13,693	4,337	4,476	507	2,413	946	933	81	21,838	21,184	415	239	1,120	937	482	455	479
1993.....	36,417	13,706	4,714	4,185	424	2,464	944	876	100	20,111	19,443	429	239	1,150	971	497	474	479
1994.....	34,912	13,131	4,761	3,441	479	2,498	933	913	106	19,112	18,434	437	242	1,195	989	506	482	486
1995.....	38,215	12,695	4,657	2,943	498	2,566	1,039	870	122	22,807	22,096	453	258	1,219	982	503	478	513
1996.....	39,401	12,749	4,450	3,323	211	2,606	1,172	876	111	23,908	23,163	469	277	1,240	982	508	474	521
1997.....	42,532	12,039	4,552	2,373	191	2,614	1,292	906	110	27,511	26,694	519	298	1,393	1,046	533	513	545
1998 prelim.....	45,894	12,342	4,810	2,183	176	2,710	1,449	923	92	30,202	29,280	597	326	1,614	1,142	566	576	594
1999 prelim.....	49,337	12,411	4,801	2,076	185	2,811	1,511	938	88	33,331	32,323	653	355	1,762	1,205	591	613	629

¹The next updates of these data, covering the years 1953-2000, along with technical notes explaining methodological issues of measurement, will be provided in NSF, *National Patterns of R&D Resources: 2000* (forthcoming).

²In the historical database (table 7), applied research expenditures of industry FFRDCs for 1953-63 are not separated out from total Federal support to industrial applied research. Thus, the figure for Federal support to industry for research includes support at industry FFRDCs for those years. The same is true for applied research by nonprofit FFRDCs in 1953-87, which is included in Federal support for applied research at nonprofit institutions for those years.

³Industry sources of industry R&D expenditures include all non-Federal sources of industry R&D expenditures.

⁴Because 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.

⁵Includes all R&D expenditures of FFRDCs administered by academic institutions. In 1997, 99 percent of total funds used were from Federal sources.

⁶Expenditure levels for academic and Federal government performers are also in reference to calendar years. These levels are approximations based on fiscal-year data. For 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 academic expenditures in all years and for Federal government expenditures prior to 1977 the respective percentages are 50 and 50, since those fiscal years (for most academic institutions and the Federal government before 1997) begin on July 1 instead of October 1.

Key: FFRDCs=Federally Funded Research and Development Centers; U&Cs=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 1998 and 1999.

SOURCES: National Science Foundation/SRS. Data were derived from NSF/SRS, *Research and Development in Industry 1997*; NSF/SRS, *Academic Research and Development Expenditures: Fiscal Year 1997*; and NSF/SRS, *Federal Funds for Research and Development: Fiscal Years 1997, 1998, and 1999*.