

Table 3A. National expenditures for applied research: Performance by sector, subdivided by sources of 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.)

Performing Sector:	Total U.S.	Federal Govt.	Industry			Industry FFRDCs	Universities & Colleges						U&C FFRDCs	Other Nonprofit institutions				Nonprofit FFRDCs
Funding Sector:	Total U.S.	Federal Govt.	Total	Federal Govt. ²	Industry ³	Federal Govt. ²	Total	Federal Govt.	Nonfed. Govt. ⁴	Industry	U&Cs	Non-Profits	Federal Govt. ⁵	Total	Federal Govt. ²	Industry	Non-Profits	Federal Govt. ²
Data Column	[85]	[86]	[87]	[88]	[89]	[90]	[91]	[92]	[93]	[94]	[95]	[96]	[97]	[98]	[99]	[100]	[101]	[102]
Calendar Year ⁶	Millions of current dollars																	
1992.....	38,066	4,337	25,660	4,476	21,184	507	4,881	2,413	479	415	1,120	455	946	1,654	933	239	482	81
1993.....	37,379	4,838	24,251	4,295	19,956	435	5,128	2,529	492	440	1,180	486	969	1,655	900	245	510	103
1994.....	36,689	5,003	22,988	3,616	19,372	503	5,357	2,625	511	459	1,255	507	980	1,746	960	254	532	112
1995.....	41,085	5,007	26,919	3,164	23,755	535	5,622	2,758	551	487	1,311	514	1,117	1,753	935	277	541	131
1996.....	43,156	4,874	29,010	3,640	25,370	231	5,816	2,854	571	514	1,358	519	1,284	1,819	960	303	557	122
1997.....	47,453	5,079	32,430	2,648	29,782	213	6,229	2,917	608	579	1,554	572	1,442	1,937	1,010	333	594	123
1998 prelim.....	51,722	5,421	35,458	2,460	32,998	198	6,864	3,054	669	672	1,820	649	1,633	2,045	1,040	367	638	104
1999 prelim.....	56,462	5,494	39,367	2,376	36,991	212	7,401	3,216	720	747	2,016	702	1,729	2,156	1,073	406	677	101
Data Column	[103]	[104]	[105]	[106]	[107]	[108]	[109]	[110]	[111]	[112]	[113]	[114]	[115]	[116]	[117]	[118]	[119]	[120]
Calendar Year ⁶	Millions of constant 1992 dollars																	
1992.....	38,066	4,337	25,660	4,476	21,184	507	4,881	2,413	479	415	1,120	455	946	1,654	933	239	482	81
1993.....	36,417	4,714	23,627	4,185	19,443	424	4,996	2,464	479	429	1,150	474	944	1,613	876	239	497	100
1994.....	34,912	4,761	21,875	3,441	18,434	479	5,097	2,498	486	437	1,195	482	933	1,661	913	242	506	106
1995.....	38,215	4,657	25,039	2,943	22,096	498	5,230	2,566	513	453	1,219	478	1,039	1,630	870	258	503	122
1996.....	39,401	4,450	26,486	3,323	23,163	211	5,310	2,606	521	469	1,240	474	1,172	1,661	876	277	508	111
1997.....	42,532	4,552	29,067	2,373	26,694	191	5,583	2,614	545	519	1,393	513	1,292	1,736	906	298	533	110
1998 prelim.....	45,894	4,810	31,462	2,183	29,280	176	6,090	2,710	594	597	1,614	576	1,449	1,814	923	326	566	92
1999 prelim.....	49,337	4,801	34,400	2,076	32,323	185	6,467	2,811	629	653	1,762	613	1,511	1,884	938	355	591	88

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 applied 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*.