

Table 2A. National expenditures for basic research, by performing sector and source of funding: 1993-2002

(See the historical database provided in Table D 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 ¹					U&C FFRDCs	Other nonprofit institutions				Nonprofit FFRDCs	
	Funding sector:	Federal Govt.	Total	Federal Govt. ²	Industry ³	Federal Govt. ²	Total	Federal Govt.	Nonfed. gov. ⁴	Industry	U&C	Non-profits	Federal Govt. ⁵	Total	Federal Govt. ²	Industry	Non-profits	Federal Govt. ²
Data column	[43]	[44]	[45]	[46]	[47]	[48]	[49]	[50]	[51]	[52]	[53]	[54]	[55]	[56]	[57]	[58]	[59]	[60]
Calendar year ⁶	Millions of current dollars																	
1993.....	28,754	2,621	6,427	466	5,961	492	13,643	8,637	952	851	2,268	936	2,968	2,532	1,157	324	1,051	72
1994.....	29,580	2,547	6,514	436	6,078	503	14,393	9,135	991	889	2,405	973	2,870	2,678	1,137	356	1,186	75
1995.....	29,562	2,689	5,569	190	5,379	530	15,139	9,629	1,069	945	2,509	987	2,661	2,899	1,170	390	1,338	75
1996.....	32,816	2,680	7,498	650	6,848	708	16,033	10,087	1,148	1,032	2,738	1,028	2,632	3,187	1,248	428	1,510	79
1997.....	36,741	2,746	9,795	1,029	8,766	625	17,485	10,788	1,242	1,170	3,129	1,156	2,660	3,322	1,317	449	1,557	108
1998.....	S	3,003	S	S	S	568	19,135	11,746	1,323	1,308	3,468	1,290	2,684	3,654	1,461	489	1,705	213
1999.....	S	3,347	S	S	S	634	20,799	12,723	1,421	1,416	3,806	1,432	2,798	4,194	1,734	541	1,919	397
2000.....	S	3,683	S	S	S	459	22,909	14,093	1,531	1,493	4,211	1,581	2,927	4,824	2,054	612	2,158	616
2001 prelim.....	S	3,978	S	S	S	516	25,300	15,821	1,617	1,539	4,626	1,699	2,997	5,329	2,326	644	2,359	903
2002 prelim.....	S	4,437	S	S	S	620	27,797	17,665	1,675	1,586	5,052	1,819	3,057	5,824	2,613	645	2,566	921
Data column	[61]	[62]	[63]	[64]	[65]	[66]	[67]	[68]	[69]	[70]	[71]	[72]	[73]	[74]	[75]	[76]	[77]	[78]
Calendar year ⁶	Millions of constant 1996 dollars																	
1993.....	30,573	2,787	6,834	495	6,338	523	14,506	9,183	1,012	905	2,411	995	3,156	2,692	1,230	344	1,117	77
1994.....	30,809	2,653	6,785	454	6,331	524	14,991	9,515	1,032	926	2,505	1,014	2,989	2,790	1,184	370	1,235	78
1995.....	30,134	2,741	5,677	194	5,483	540	15,432	9,815	1,090	963	2,558	1,006	2,713	2,955	1,193	398	1,364	77
1996.....	32,816	2,680	7,498	650	6,848	708	16,033	10,087	1,148	1,032	2,738	1,028	2,632	3,187	1,248	428	1,510	79
1997.....	36,038	2,693	9,608	1,009	8,598	613	17,151	10,582	1,219	1,148	3,069	1,133	2,609	3,259	1,291	440	1,527	106
1998.....	S	2,909	S	S	S	550	18,541	11,382	1,282	1,268	3,360	1,250	2,601	3,541	1,415	473	1,652	206
1999.....	S	3,197	S	S	S	606	19,868	12,154	1,357	1,353	3,636	1,368	2,672	4,006	1,656	517	1,833	379
2000.....	S	3,446	S	S	S	429	21,432	13,184	1,432	1,397	3,940	1,479	2,738	4,513	1,922	573	2,019	576
2001 prelim.....	S	3,636	S	S	S	472	23,123	14,459	1,477	1,406	4,228	1,552	2,739	4,870	2,126	588	2,156	825
2002 prelim.....	S	4,010	S	S	S	560	25,124	15,966	1,514	1,434	4,566	1,644	2,763	5,264	2,361	583	2,320	832

¹ Adjustments have been made to university R&D for 1998 and later years to eliminate double counting of funds passed through from one academic institution to another. The character of work estimation procedure for university and college R&D also was revised for 1998 and later years; hence these data are not directly comparable with data for 1997 and earlier years.

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

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

⁴ 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.

⁵ Includes all R&D expenditures of FFRDCs administered by academic institutions.

⁶ Expenditure 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, because those fiscal years (for most academic institutions and the Federal government before 1977) begin on July 1 instead of October 1.

KEY: FFRDCs=federally funded research and development centers; U&C=universities and colleges; S = Suppressed pending data quality review

NOTES: Technical notes explaining methodological issues of measurement will be provided in NSF, *The Methodology Underlying the Measurement of R&D Expenditures: 2002* (forthcoming). Data are based on annual reports by performers except for the nonprofit sector. Data are preliminary for 2001 and 2002. For trend comparisons, use only the historical data reported here. These tables incorporate the latest revisions to prior-year data, including recently revised estimates of R&D performance by nonprofit organizations. Do not use data published earlier.

SOURCES: National Science Foundation/Division of Science Resources Statistics. Data were derived from NSF/SRS, *Research and Development in Industry 2000*; NSF/SRS, *Academic Research and Development Expenditures: Fiscal Year 2000*; NSF/SRS, *Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002*; and NSF/SRS *Survey of R&D Funding & Performance by Nonprofit Organizations: Fiscal Years 1996 and 1997*.