

Table 3B. National expenditures for applied research, from funding sectors to performing sectors: 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.)

Funding sector:	Federal Government									Industry				U&C	Nonprofits			Nonfed. gov. ¹
	Total U.S.	Total	Federal Govt.	Industry ²	FFRDCs ²	U&C ³	FFRDCs ⁴	Non-profits ²	Nonprofit FFRDCs ²	Total	Industry ⁵	U&C ³	Non-profits	U&C ³	Total	Non-profits	U&C ³	U&C ³
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																	
1993.....	37,286	14,078	4,838	4,295	435	2,539	969	900	103	20,547	19,956	443	148	1,181	984	497	487	496
1994.....	36,614	13,797	4,985	3,616	503	2,640	981	960	111	19,995	19,372	464	158	1,256	1,049	541	508	517
1995.....	40,999	13,608	4,952	3,164	535	2,775	1,119	934	129	24,418	23,755	494	170	1,311	1,104	589	516	559
1996.....	43,178	13,967	4,872	3,640	231	2,859	1,283	960	122	26,076	25,370	524	182	1,390	1,162	640	522	583
1997.....	46,689	12,996	4,997	2,648	213	2,635	1,364	1,011	128	30,510	29,782	523	205	1,399	1,227	711	516	557
1998.....	S	12,794	5,146	S	230	2,376	1,326	1,060	123	S	S	527	223	1,396	1,298	778	519	533
1999.....	S	14,717	5,530	S	274	2,776	1,267	1,301	130	S	S	556	247	1,494	1,438	876	562	558
2000.....	S	15,776	5,938	S	198	3,425	1,329	1,810	209	S	S	581	279	1,639	1,600	985	615	596
2001 prelim.....	S	17,485	6,483	S	223	3,852	1,465	2,098	302	S	S	601	294	1,807	1,740	1,077	664	632
2002 prelim.....	S	19,442	7,175	S	268	4,372	1,586	2,326	275	S	S	620	295	1,974	1,882	1,171	711	654
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 1996 dollars																	
1993.....	39,645	14,968	5,144	4,567	463	2,699	1,030	957	109	21,847	21,219	471	157	1,256	1,047	528	518	527
1994.....	38,136	14,370	5,192	3,766	524	2,750	1,022	999	116	20,826	20,177	484	165	1,308	1,093	563	530	539
1995.....	41,793	13,871	5,048	3,225	545	2,828	1,140	952	131	24,891	24,215	503	173	1,336	1,126	600	526	569
1996.....	43,178	13,967	4,872	3,640	231	2,859	1,283	960	122	26,076	25,370	524	182	1,390	1,162	640	522	583
1997.....	45,796	12,748	4,901	2,597	209	2,855	1,338	992	126	29,926	29,212	513	201	1,372	1,203	697	506	546
1998.....	S	12,396	4,986	S	223	2,302	1,285	1,027	119	S	S	510	216	1,353	1,257	754	503	516
1999.....	S	14,058	5,282	S	262	2,651	1,210	1,243	124	S	S	531	236	1,427	1,373	836	537	533
2000.....	S	14,759	5,556	S	185	3,204	1,243	1,694	195	S	S	543	261	1,533	1,497	921	576	557
2001 prelim.....	S	15,980	5,925	S	204	3,521	1,339	1,918	276	S	S	549	269	1,652	1,591	984	606	577
2002 prelim.....	S	17,573	6,485	S	242	3,951	1,433	2,102	248	S	S	560	266	1,784	1,701	1,059	642	591

¹ 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.

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 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.

⁴ Includes all R&D expenditures of FFRDCs administered by academic institutions.

⁵ Industry sources of industry R&D expenditures include all non-Federal sources of industry R&D expenditures.

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*.