

**Table 4A. National expenditures for development, 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 <sup>1</sup>						U&C FFRDCs	Other nonprofit institutions				Nonprofit FFRDCs
	Funding sector:	Federal Govt.	Total	Federal Govt. <sup>2</sup>	Industry <sup>3</sup>	Federal Govt. <sup>2</sup>	Total	Federal Govt.	Nonfed. gov. <sup>4</sup>	Industry	U&C	Non-profits	Federal Govt. <sup>5</sup>	Total	Federal Govt. <sup>2</sup>	Industry	Non-profits	Federal Govt. <sup>2</sup>
Data column	[127]	[128]	[129]	[130]	[131]	[132]	[133]	[134]	[135]	[136]	[137]	[138]	[139]	[140]	[141]	[142]	[143]	[144]
Calendar year <sup>6</sup>	Millions of current dollars																	
1993.....	99,677	9,071	84,757	16,083	68,674	1,038	1,698	1,126	109	97	259	107	1,346	1,191	787	95	309	574
1994.....	103,023	8,823	87,890	16,209	71,681	1,196	1,814	1,212	114	102	276	112	1,466	1,261	815	103	343	573
1995.....	113,053	9,262	97,342	17,824	79,518	1,208	1,810	1,178	123	108	288	113	1,592	1,236	744	111	381	603
1996.....	121,350	9,033	105,863	17,066	88,797	1,358	1,789	1,127	128	115	305	115	1,495	1,241	698	120	423	571
1997.....	128,726	9,077	113,184	18,121	95,063	1,292	1,750	1,092	122	115	307	113	1,462	1,378	687	155	536	585
1998.....	S	9,214	S	S	S	1,280	1,677	1,024	117	116	306	114	1,577	1,516	760	168	588	507
1999.....	S	8,974	S	S	S	1,412	1,412	717	122	122	328	123	1,595	1,573	726	187	661	467
2000.....	S	7,847	S	S	S	1,021	1,210	457	131	127	360	135	1,546	1,470	515	211	743	640
2001 prelim.....	S	8,670	S	S	S	1,149	1,319	506	139	132	397	146	1,479	1,615	580	222	813	948
2002 prelim.....	S	9,954	S	S	S	1,380	1,364	495	144	136	433	156	1,416	1,693	587	222	884	926
Data column	[145]	[146]	[147]	[148]	[149]	[150]	[151]	[152]	[153]	[154]	[155]	[156]	[157]	[158]	[159]	[160]	[161]	[162]
Calendar year <sup>6</sup>	Millions of constant 1996 dollars																	
1993.....	105,982	9,645	90,119	17,100	73,019	1,104	1,806	1,197	116	103	276	114	1,431	1,267	836	101	329	611
1994.....	107,305	9,190	91,543	16,883	74,660	1,246	1,890	1,262	118	106	287	116	1,526	1,314	849	107	358	596
1995.....	115,242	9,441	99,227	18,169	81,058	1,231	1,845	1,201	125	110	293	115	1,623	1,260	758	113	389	615
1996.....	121,350	9,033	105,863	17,066	88,797	1,358	1,789	1,127	128	115	305	115	1,495	1,241	698	120	423	571
1997.....	126,264	8,903	111,019	17,774	93,245	1,267	1,716	1,071	120	113	301	111	1,434	1,351	673	152	526	573
1998.....	S	8,928	S	S	S	1,240	1,625	992	113	112	297	110	1,528	1,469	736	163	569	491
1999.....	S	8,572	S	S	S	1,349	1,349	685	117	117	313	118	1,523	1,503	693	178	631	446
2000.....	S	7,341	S	S	S	956	1,132	428	122	119	337	126	1,446	1,375	482	197	696	599
2001 prelim.....	S	7,924	S	S	S	1,050	1,206	463	127	121	363	133	1,352	1,476	530	203	743	866
2002 prelim.....	S	8,997	S	S	S	1,247	1,232	447	130	123	392	141	1,280	1,531	530	201	799	837

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> Industry sources of industry R&D expenditures include all non-Federal sources of industry R&D expenditures.

<sup>4</sup> 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.

<sup>5</sup> Includes all R&D expenditures of FFRDCs administered by academic institutions.

<sup>6</sup> 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*.