

Table 1A. National expenditures for R&D, 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 ²
	Total U.S.	Federal Govt.	Total	Federal Govt. ³	Industry ⁴	Federal Govt. ³	Total	Federal Govt.	Nonfed. gov. ⁵	Industry	U&C	Non-profits	Federal Govt. ⁶	Total	Federal Govt. ³	Industry	Non-profits	Federal Govt. ³
Funding sector:	Total U.S.	Federal Govt.	Total	Federal Govt. ³	Industry ⁴	Federal Govt. ³	Total	Federal Govt.	Nonfed. gov. ⁵	Industry	U&C	Non-profits	Federal Govt. ⁶	Total	Federal Govt. ³	Industry	Non-profits	Federal Govt. ³
Data column	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]
Calendar year ⁷	Millions of current dollars																	
1993.....	165,716	16,531	115,435	20,844	94,591	1,965	20,487	12,301	1,557	1,391	3,708	1,530	5,283	5,267	2,843	567	1,857	749
1994.....	169,217	16,355	117,392	20,261	97,131	2,202	21,594	12,987	1,622	1,456	3,937	1,594	5,317	5,599	2,911	617	2,071	758
1995.....	183,614	16,904	129,830	21,178	108,652	2,273	22,602	13,582	1,750	1,547	4,108	1,616	5,372	5,827	2,847	671	2,308	808
1996.....	197,344	16,585	142,371	21,356	121,015	2,297	23,701	14,072	1,860	1,671	4,433	1,665	5,410	6,209	2,906	730	2,574	772
1997.....	212,156	16,819	155,409	21,798	133,611	2,130	24,865	14,516	1,921	1,807	4,836	1,785	5,486	6,626	3,014	809	2,804	821
1998.....	226,367	17,362	167,102	22,086	145,016	2,078	26,162	15,146	1,973	1,951	5,170	1,923	5,588	7,232	3,281	880	3,071	843
1999.....	243,562	17,851	180,390	20,214	160,176	2,321	28,157	16,215	2,101	2,094	5,628	2,118	5,660	8,191	3,761	975	3,455	993
2000.....	264,616	17,469	197,861	17,440	180,421	1,678	30,974	17,975	2,257	2,201	6,210	2,331	5,801	9,368	4,380	1,103	3,886	1,465
2001 prelim.....	281,767	19,130	208,068	18,625	189,442	1,888	34,175	20,179	2,387	2,272	6,830	2,508	5,940	10,413	5,005	1,160	4,249	2,153
2002 prelim.....	291,663	21,566	210,848	20,933	189,915	2,268	37,491	22,531	2,473	2,342	7,459	2,686	6,059	11,310	5,525	1,163	4,622	2,121
Data column	[19]	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]	[30]	[31]	[32]	[33]	[34]	[35]	[36]
Calendar year ⁷	Millions of constant 1996 dollars																	
1993.....	176,200	17,576	122,738	22,163	100,575	2,089	21,783	13,079	1,655	1,479	3,943	1,627	5,617	5,601	3,023	603	1,975	796
1994.....	176,249	17,035	122,271	21,103	101,168	2,294	22,491	13,527	1,689	1,516	4,100	1,660	5,538	5,831	3,032	642	2,157	790
1995.....	187,170	17,231	132,345	21,588	110,756	2,317	23,039	13,845	1,784	1,577	4,187	1,647	5,476	5,940	2,902	684	2,353	823
1996.....	197,344	16,585	142,371	21,356	121,015	2,297	23,701	14,072	1,860	1,671	4,433	1,665	5,410	6,209	2,906	730	2,574	772
1997.....	208,098	16,497	152,436	21,381	131,055	2,089	24,390	14,238	1,885	1,773	4,743	1,751	5,381	6,500	2,956	793	2,750	805
1998.....	219,340	16,823	161,915	21,400	140,514	2,013	25,350	14,676	1,911	1,890	5,010	1,863	5,414	7,007	3,179	853	2,976	817
1999.....	232,654	17,052	172,311	19,309	153,002	2,217	26,896	15,489	2,007	2,001	5,376	2,023	5,406	7,824	3,592	931	3,301	948
2000.....	247,561	16,343	185,108	16,316	168,792	1,570	28,978	16,816	2,112	2,059	5,809	2,181	5,427	8,765	4,098	1,032	3,635	1,371
2001 prelim.....	257,520	17,484	190,163	17,023	173,140	1,725	31,234	18,443	2,181	2,076	6,242	2,292	5,429	9,517	4,574	1,060	3,883	1,968
2002 prelim.....	263,617	19,493	190,573	18,920	171,653	2,050	33,886	20,365	2,235	2,117	6,741	2,428	5,476	10,222	4,994	1,051	4,177	1,917

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. Data for 1998 and later years are not directly comparable to data for 1997 and earlier years. For fiscal year 1998, \$479 million in passthrough funds were reported. For fiscal year 2002, \$881 million in passthrough funds are estimated.

² Beginning in 2001, data for nonprofit FFRDCs are reported by the FFRDCs. In prior years, the data were collected from the Federal agencies supporting the FFRDCs.

³ In the historical database (table D), expenditures of industry FFRDCs for 1953-54 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 1953-63.

⁴ Industry sources of industry R&D expenditures include all non-Federal sources of industry R&D expenditures.

⁵ 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.

⁶ Includes all R&D expenditures of FFRDCs administered by academic institutions.

⁷ 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

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*.