

Table 1B. National expenditures for R&D, 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. govt. ¹	
Performing sector	Total U.S.	Total	Federal Govt.	Industry ²	Industry FFRDCs ²	U&C ³	FFRDCs ⁴	Non-profits ²	Nonprofit FFRDCs ^{2,5}	Total	Industry ⁶	U&C ³	Non-profits	U&C ³	Total	Non-profits	U&C ³	U&C ³	
Data column	[1]	[37]	[2]	[4]	[6]	[8]	[13]	[15]	[18]	[38]	[5]	[10]	[16]	[11]	[39]	[17]	[12]	[9]	
Calendar year ⁷	Millions of current dollars																		
1993.....	165,716	60,516	16,531	20,844	1,965	12,301	5,283	2,843	749	96,549	94,591	1,391	567	3,708	3,387	1,857	1,530	1,557	
1994.....	169,217	60,792	16,355	20,261	2,202	12,987	5,317	2,911	758	99,203	97,131	1,456	617	3,937	3,664	2,071	1,594	1,622	
1995.....	183,614	62,963	16,904	21,178	2,273	13,582	5,372	2,847	808	110,870	108,652	1,547	671	4,108	3,924	2,308	1,616	1,750	
1996.....	197,344	63,397	16,585	21,356	2,297	14,072	5,410	2,906	772	123,416	121,015	1,671	730	4,433	4,238	2,574	1,665	1,860	
1997.....	212,156	64,583	16,819	21,798	2,130	14,516	5,486	3,014	821	136,227	133,611	1,807	809	4,836	4,589	2,804	1,785	1,921	
1998.....	226,367	66,383	17,362	22,086	2,078	15,146	5,588	3,281	843	147,847	145,016	1,951	880	5,170	4,994	3,071	1,923	1,973	
1999.....	243,562	67,014	17,851	20,214	2,321	16,215	5,660	3,761	993	163,245	160,176	2,094	975	5,628	5,573	3,455	2,118	2,101	
2000.....	264,616	66,208	17,469	17,440	1,678	17,975	5,801	4,380	1,465	183,724	180,421	2,201	1,103	6,210	6,217	3,886	2,331	2,257	
2001 prelim.....	281,767	72,920	19,130	18,625	1,888	20,179	5,940	5,005	2,153	192,873	189,442	2,272	1,160	6,830	6,757	4,249	2,508	2,387	
2002 prelim.....	291,663	81,004	21,566	20,933	2,268	22,531	6,059	5,525	2,121	193,420	189,915	2,342	1,163	7,459	7,308	4,622	2,686	2,473	
Data column	[19]	[40]	[20]	[22]	[24]	[26]	[31]	[33]	[36]	[41]	[23]	[28]	[34]	[29]	[42]	[35]	[30]	[27]	
Calendar year ⁷	Millions of constant 1996 dollars																		
1993.....	176,200	64,344	17,576	22,163	2,089	13,079	5,617	3,023	796	102,657	100,575	1,479	603	3,943	3,601	1,975	1,627	1,655	
1994.....	176,249	63,318	17,035	21,103	2,294	13,527	5,538	3,032	790	103,326	101,168	1,516	642	4,100	3,816	2,157	1,660	1,689	
1995.....	187,170	64,182	17,231	21,588	2,317	13,845	5,476	2,902	823	113,017	110,756	1,577	684	4,187	4,000	2,353	1,647	1,784	
1996.....	197,344	63,397	16,585	21,356	2,297	14,072	5,410	2,906	772	123,416	121,015	1,671	730	4,433	4,238	2,574	1,665	1,860	
1997.....	208,098	63,348	16,497	21,381	2,089	14,238	5,381	2,956	805	133,622	131,055	1,773	793	4,743	4,501	2,750	1,751	1,885	
1998.....	219,340	64,322	16,823	21,400	2,013	14,676	5,414	3,179	817	143,257	140,514	1,890	853	5,010	4,839	2,976	1,863	1,911	
1999.....	232,654	64,013	17,052	19,309	2,217	15,489	5,406	3,592	948	155,934	153,002	2,001	931	5,376	5,323	3,301	2,023	2,007	
2000.....	247,561	61,940	16,343	16,316	1,570	16,816	5,427	4,098	1,371	171,883	168,792	2,059	1,032	5,809	5,817	3,635	2,181	2,112	
2001 prelim.....	257,520	66,645	17,484	17,023	1,725	18,443	5,429	4,574	1,968	176,276	173,140	2,076	1,060	6,242	6,175	3,883	2,292	2,181	
2002 prelim.....	263,617	73,215	19,493	18,920	2,050	20,365	5,476	4,994	1,917	174,821	171,653	2,117	1,051	6,741	6,605	4,177	2,428	2,235	

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 1953-54 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.

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. 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.

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

⁵ 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.

⁶ Industry sources of industry R&D expenditures include all non-Federal sources of industry R&D expenditures.

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*.