

Table 4A. National expenditures for development: Performance by sector, subdivided by sources of funds: 1992-99¹

(See the historical database provided in Table 7 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						U&C FFRDCs	Other Nonprofit institutions				Nonprofit FFRDCs
Funding Sector:	Total U.S.	Federal Govt.	Total	Federal Govt. ²	Industry ³	Federal Govt. ²	Total	Federal Govt.	Nonfed. Govt. ⁴	Industry	U&Cs	Non-Profits	Federal Govt. ⁵	Total	Federal Govt. ²	Industry	Non-Profits	Federal Govt. ²
Data Column	[127]	[128]	[129]	[130]	[131]	[132]	[133]	[134]	[135]	[136]	[137]	[138]	[139]	[140]	[141]	[142]	[143]	[144]
Calendar Year ⁶	Millions of current dollars																	
1992.....	99,889	9,098	84,569	17,181	67,388	1,373	1,595	1,054	105	91	246	100	1,435	1,220	758	141	321	599
1993.....	99,751	9,071	84,757	16,083	68,674	1,039	1,692	1,122	108	97	259	107	1,346	1,271	787	144	340	574
1994.....	103,119	8,876	87,890	16,209	71,681	1,196	1,798	1,198	112	101	276	111	1,467	1,319	815	149	355	573
1995.....	113,239	9,431	97,342	17,824	79,518	1,209	1,792	1,163	121	107	288	113	1,593	1,266	743	163	361	606
1996.....	121,372	9,064	105,863	17,066	88,797	1,358	1,775	1,125	125	113	298	114	1,495	1,247	697	178	371	570
1997.....	128,638	9,001	113,184	18,120	95,064	1,292	1,876	1,149	133	127	341	126	1,382	1,300	708	196	396	603
1998 prelim.....	137,566	8,848	122,164	16,833	105,331	1,200	1,988	1,152	147	148	399	142	1,322	1,435	794	216	425	608
1999 prelim.....	150,315	8,768	134,747	16,671	118,076	1,353	2,096	1,178	158	164	443	154	1,354	1,369	679	239	451	628
Data Column	[145]	[146]	[147]	[148]	[149]	[150]	[151]	[152]	[153]	[154]	[155]	[156]	[157]	[158]	[159]	[160]	[161]	[162]
Calendar Year ⁶	Millions of constant 1992 dollars																	
1992.....	99,889	9,098	84,569	17,181	67,388	1,373	1,595	1,054	105	91	246	100	1,435	1,220	758	141	321	599
1993.....	97,186	8,838	82,577	15,669	66,908	1,012	1,649	1,093	105	94	252	104	1,312	1,238	766	141	332	560
1994.....	98,125	8,446	83,633	15,424	68,209	1,138	1,711	1,140	107	96	262	106	1,396	1,255	775	142	338	546
1995.....	105,329	8,772	90,542	16,579	73,963	1,125	1,667	1,082	113	100	268	105	1,482	1,178	691	151	335	563
1996.....	110,811	8,276	96,652	15,581	81,071	1,240	1,621	1,027	114	103	272	104	1,365	1,138	637	163	339	520
1997.....	115,298	8,068	101,447	16,241	85,206	1,158	1,682	1,030	120	114	306	113	1,239	1,165	635	175	355	540
1998 prelim.....	122,064	7,851	108,398	14,936	93,461	1,065	1,764	1,022	130	131	354	126	1,173	1,274	705	192	377	540
1999 prelim.....	131,348	7,662	117,745	14,567	103,177	1,182	1,832	1,029	138	143	387	135	1,183	1,196	593	209	394	549

¹The next updates of these data, covering the years 1953-2000, along with technical notes explaining methodological issues of measurement, will be provided in NSF, *National Patterns of R&D Resources: 2000* (forthcoming).

²In the historical database (table 7), development expenditures of industry FFRDCs for 1953-63 are not separated out from total Federal support to the industry development. Thus, Federal support to industry for development includes development at industry FFRDCs for those years. The same is true for development by nonprofit FFRDCs in 1953-87, which is included in Federal support for development at nonprofit institutions for those years.

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

⁴Because 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.

⁵Includes all R&D expenditures of FFRDCs administered by academic institutions. In 1997, 99 percent of total funds used were from Federal sources.

⁶Expenditure 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, since those fiscal years (for most academic institutions and the Federal government before 1997) begin on July 1 instead of October 1.

Key: FFRDCs=Federally Funded Research and Development Centers; U&Cs=universities and colleges

NOTES: Data are based on annual reports by performers except for the nonprofit sector; R&D expenditures by nonprofit sector performers have been estimated since 1973 on the basis of a survey conducted in that year. Data are preliminary for 1998 and 1999.

SOURCES: National Science Foundation/SRS. Data were derived from NSF/SRS, *Research and Development in Industry 1997*; NSF/SRS, *Academic Research and Development Expenditures: Fiscal Year 1997*; and NSF/SRS, *Federal Funds for Research and Development: Fiscal Years 1997, 1998, and 1999*.