

**U.S. inflation-adjusted development expenditures, by source of funds and performing sector: 1953–2004**

(Millions of constant 2000 dollars)

Year	Funding sector:	Total	Federal							Industry				U&C	Nonprofit		Nonfederal <sup>a</sup>		
	Performing sector:		Total	Federal	Industry <sup>b</sup>	Industry FFRDCs <sup>b</sup>	U&C <sup>c</sup>	U&C FFRDCs <sup>d</sup>	Non-profit <sup>e</sup>	Nonprofit FFRDCs <sup>b</sup>	Total	Industry <sup>e</sup>	U&C <sup>c</sup>	Nonprofit	U&C <sup>c</sup>	Total	Nonprofit	U&C <sup>c</sup>	U&C <sup>c</sup>
1953.....		18,699	9,658	3,105	6,155	NA	47	260	90	NA	8,972	8,934	5	33	14	38	33	5	16
1954.....		20,274	11,003	2,916	7,629	NA	46	318	95	NA	9,192	9,149	5	38	17	43	38	5	19
1955.....		22,347	12,944	2,894	9,522	NA	61	368	99	NA	9,322	9,272	8	43	17	43	37	5	20
1956.....		30,186	18,361	3,251	14,525	NA	70	415	101	NA	11,740	11,689	10	41	19	44	36	8	23
1957.....		33,341	22,342	3,631	18,045	NA	60	504	102	NA	10,902	10,849	12	40	21	50	40	10	26
1958.....		35,191	24,102	4,105	19,231	NA	61	585	120	NA	10,986	10,933	15	39	21	54	44	10	28
1959.....		40,783	28,295	4,530	22,890	NA	75	646	154	NA	12,380	12,322	14	43	22	58	48	10	29
1960.....		44,485	30,367	4,765	24,566	NA	90	715	231	NA	14,008	13,949	12	48	22	57	48	10	30
1961.....		46,667	31,491	5,120	25,130	NA	101	797	343	NA	15,044	14,988	9	47	24	75	66	9	32
1962.....		46,897	31,631	5,689	24,481	NA	104	881	475	NA	15,111	15,050	9	51	27	93	83	9	36
1963.....		52,943	36,500	6,721	28,060	NA	101	1,002	615	NA	16,278	16,219	9	50	28	101	92	9	36
1964.....		56,511	38,906	7,591	27,817	1,622	133	1,023	718	NA	17,447	17,388	9	50	30	93	81	11	36
1965.....		58,643	38,792	7,937	27,593	1,322	213	916	810	NA	19,672	19,610	9	53	35	107	89	18	38
1966.....		62,517	40,841	8,137	29,551	1,169	263	863	856	NA	21,474	21,405	9	60	42	121	99	22	40
1967.....		64,165	39,847	8,132	28,438	1,264	274	871	868	NA	24,113	24,040	10	63	42	128	100	27	36
1968.....		64,839	39,158	7,643	28,274	1,176	287	907	871	NA	25,473	25,392	16	64	37	140	104	36	31
1969.....		65,207	37,661	7,709	26,556	1,270	304	941	881	NA	27,344	27,256	19	69	30	145	107	38	27
1970.....		61,472	34,077	8,201	22,635	1,235	303	904	799	NA	27,201	27,117	18	65	26	145	109	36	23
1971.....		60,181	33,070	8,553	21,331	1,352	239	924	671	NA	26,911	26,831	14	66	30	144	114	29	27
1972.....		62,134	33,617	8,749	21,657	1,333	207	965	706	NA	28,285	28,211	12	63	45	146	116	30	41
1973.....		63,415	32,374	8,343	20,789	1,253	221	928	840	NA	30,764	30,686	16	63	63	159	119	39	55
1974.....		61,927	30,256	7,964	18,871	1,379	215	924	903	NA	31,378	31,297	19	62	71	165	122	43	58
1975.....		59,750	28,928	7,605	17,850	1,408	217	980	868	NA	30,527	30,444	21	62	72	165	123	42	58
1976.....		62,406	29,941	7,393	18,713	1,627	248	1,112	848	NA	32,159	32,067	29	63	77	169	130	40	60
1977.....		64,717	30,767	7,457	19,356	1,579	358	1,177	840	NA	33,613	33,515	34	64	94	179	135	43	65
1978.....		67,872	31,434	8,034	19,136	1,646	555	1,184	880	NA	36,069	35,973	32	65	107	192	140	51	70
1979.....		71,538	32,421	7,959	19,957	1,635	679	1,218	974	NA	38,735	38,640	31	65	113	200	144	56	69
1980.....		75,270	32,413	7,536	20,275	1,632	670	1,330	971	NA	42,457	42,358	36	64	125	204	147	57	71
1981.....		77,889	33,803	7,663	21,636	1,607	653	1,316	928	NA	43,670	43,566	40	63	135	208	149	59	74
1982.....		82,390	35,270	8,255	22,662	1,577	634	1,187	955	NA	46,689	46,583	42	64	141	218	156	62	73
1983.....		88,242	37,768	9,363	23,804	1,616	612	1,275	1,097	NA	50,020	49,906	48	67	149	232	166	65	72
1984.....		97,940	41,564	10,462	26,073	1,561	643	1,457	1,367	NA	55,894	55,770	54	70	159	247	178	69	76
1985.....		106,746	46,189	11,491	29,059	1,581	697	1,784	1,578	NA	60,040	59,904	62	73	172	262	192	71	82
1986.....		106,321	47,567	11,614	30,199	1,607	720	2,111	1,316	NA	58,189	58,041	71	78	191	282	209	74	92
1987.....		109,029	49,957	11,169	32,955	1,680	818	2,281	1,053	NA	58,451	58,292	78	82	212	308	225	83	100
1988.....		111,722	49,257	11,710	31,335	1,868	922	2,328	538	555	61,782	61,609	88	85	237	336	242	94	109
1989.....		111,667	44,960	11,909	26,794	1,811	984	2,268	645	548	65,967	65,781	97	89	261	362	259	103	117
1990.....		115,292	41,498	11,889	23,245	1,762	1,115	2,127	759	601	73,009	72,815	102	92	277	386	277	109	122
1991.....		112,624	36,971	10,395	20,435	1,638	1,197	1,820	855	631	74,840	74,642	102	97	284	408	297	111	122
1992.....		115,541	36,481	10,531	19,889	1,588	1,220	1,681	878	694	78,216	78,009	105	102	285	438	322	115	122
1993.....		112,813	34,005	10,264	18,198	1,174	1,274	1,554	890	650	77,921	77,703	110	108	293	471	350	121	123

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	Performing sector:		Total	Federal	Industry <sup>b</sup>	Industry FFRDCs <sup>b</sup>	U&C <sup>c</sup>	Non-profit <sup>b</sup>	Nonprofit FFRDCs <sup>b</sup>	Total	Industry <sup>e</sup>	U&C <sup>c</sup>	Nonprofit	U&C <sup>c</sup>	Total	Nonprofit	U&C <sup>c</sup>	U&C <sup>c</sup>	
1994.....		114,046	33,466	9,776	17,958	1,325	1,343	1,527	903	634	79,644	79,418	113	114	305	504	381	124	126
1995.....		122,768	35,214	10,056	19,352	1,312	1,279	1,754	807	655	86,571	86,333	118	121	312	537	414	123	133
1996.....		129,325	33,427	9,625	18,184	1,447	1,201	1,619	743	608	94,864	94,613	123	128	325	573	451	122	136
1997.....		134,862	33,822	9,513	18,992	1,354	1,106	1,524	720	613	99,914	99,633	119	162	319	680	562	118	127
1998.....		151,363	33,924	9,551	19,127	1,327	1,023	1,583	788	526	116,282	115,988	118	176	313	724	608	116	119
1999.....		157,411	30,954	9,170	16,999	1,167	728	1,672	742	477	125,212	124,899	121	192	327	795	673	123	122
2000.....		167,792	25,878	8,047	13,549	1,146	452	1,539	513	632	140,570	140,235	121	214	347	871	741	130	125
2001.....		161,298	25,339	8,900	12,248	521	490	1,598	659	923	134,520	134,190	118	212	367	943	806	137	129
2002.....		167,138	26,237	9,128	12,548	573	507	1,636	855	990	139,353	139,038	115	199	393	1,019	872	147	137
2003.....		164,792	27,496	10,082	13,103	572	522	1,655	494	1,069	135,653	135,336	115	202	419	1,077	921	156	146
2004.....		173,151	29,569	10,580	14,595	564	502	1,643	494	1,191	141,866	141,542	113	212	433	1,131	969	163	152

NA = not available

FFRDC = federally funded research and development center; U&amp;C = universities and colleges

<sup>a</sup>Because of limitations in survey information, data on nonfederal government funding to other performers not available and consequently included in other sectors' support for their own R&D, e.g., nonfederal government support to nonprofits is included in nonprofit support for their own R&D.

<sup>b</sup>Expenditures of industry FFRDCs for 1953–63 not separated from total federal support to industrial sector. Thus, value for federal support to industry includes support to FFRDCs for those years. Likewise for expenditures of nonprofit FFRDCs, included in federal support for nonprofit institutions in 1953–87.

<sup>c</sup>Adjustments made to university R&D for 1998 on to eliminate double counting of funds passed through from one academic institution to another. Character-of-work estimation procedure for university and college R&D also revised for 1998 on; hence, data not directly comparable with data for 1997 and earlier.

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

<sup>e</sup>Industry sources of industry R&D expenditures include all nonfederal sources of industry R&D expenditures.

NOTES: All data refer to calendar years. For some performers, these levels are approximations based on FY data. For federal government expenditures starting in 1977, calendar-year approximation is 75% of amount reported in same FY plus 25% of amount reported in subsequent FY. Academic expenditures in all years and federal government expenditures before 1977 are each 50% because those FYs (for most academic institutions and federal government before 1977) began on July 1 instead of October 1. Technical notes explaining methodological issues of measurement will be provided in National Science Foundation (NSF), *National Patterns of R&D Resources, Methodology Report: 2003* (forthcoming). Data based on annual reports by performers except for nonprofit sector. Preliminary data for 2003 and 2004. For trend comparisons, use only historical data reported here. Table incorporates latest revisions to prior-year data. Do not use data published earlier.

SOURCE: NSF, Division of Science Resources Statistics, *National Patterns of R&D Resources* (annual series).