

U.S. inflation-adjusted development expenditures, by funding and performing sectors: 1953–2006

(Millions of constant 2000 dollars)

Year	Funding sector:	Federal										Industry				U&C	Nonprofit		Nonfederal ^a	
	Performing sector:	Total	Total	Federal	Industry ^{b,c}	FFRDCs ^b	U&C ^d	U&C FFRDCs ^e	Nonprofit ^b	Nonprofit FFRDCs ^b	Total	Industry ^{c,f}	U&C ^d	Nonprofit	U&C ^d	Total	Nonprofit	U&C ^d	U&C ^d	
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.....		75,431	32,575	7,536	20,275	1,632	670	1,330	1,133	NA	42,457	42,358	36	64	125	204	147	57	71	
1981.....		78,325	33,483	7,663	21,636	1,607	653	1,316	608	756	43,670	43,566	40	63	135	208	149	59	74	
1982.....		82,709	34,892	8,255	22,662	1,577	634	1,187	578	696	46,689	46,583	42	64	141	218	156	62	73	
1983.....		88,597	37,357	9,363	23,804	1,616	612	1,275	686	766	50,020	49,906	48	67	149	232	166	65	72	
1984.....		98,235	41,075	10,462	26,073	1,561	643	1,458	879	784	55,894	55,770	54	70	159	247	178	69	76	
1985.....		106,896	45,535	11,491	29,059	1,581	697	1,784	924	803	60,040	59,904	62	73	172	262	192	71	82	
1986.....		106,464	47,074	11,614	30,199	1,607	720	2,111	823	635	58,189	58,041	71	78	191	282	209	74	92	
1987.....		109,198	49,551	11,169	32,955	1,680	818	2,281	647	576	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	

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	Total	Total	Federal							Industry				U&C	Nonprofit		Nonfederal ^a		
	Total	Total	Federal	Industry ^{b,c}	FFRDCs ^b	U&C ^d	U&C FFRDCs ^e	Nonprofit ^b	FFRDCs ^b	Total	Industry ^{c,f}	U&C ^d	Nonprofit	U&C ^d	Total	Nonprofit	U&C ^d	U&C ^d	
1992.....	115,541	36,480	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	
1994.....	114,046	33,466	9,776	17,958	1,325	1,343	1,527	903	634	79,644	79,418	113	114	306	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	313	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.....	134,861	33,821	9,513	18,992	1,354	1,105	1,524	720	613	99,914	99,633	119	162	319	680	562	118	127	
1998.....	150,029	33,922	9,551	19,127	1,327	1,021	1,583	788	526	114,926	114,634	118	175	313	747	631	117	120	
1999.....	157,425	30,954	9,170	16,932	1,234	727	1,672	743	477	125,213	124,899	121	192	328	808	685	123	122	
2000.....	167,862	25,882	8,047	13,510	1,185	452	1,539	517	632	140,570	140,235	121	214	348	937	807	130	125	
2001.....	161,373	25,339	8,900	12,248	521	490	1,598	659	923	134,520	134,190	118	212	368	1,017	880	137	129	
2002.....	167,158	26,240	9,119	12,536	600	506	1,635	854	989	139,225	138,911	115	199	392	1,164	1,016	147	137	
2003.....	162,088	25,479	9,789	11,220	682	607	1,690	455	1,036	134,822	134,508	113	201	406	1,236	1,085	150	146	
2004.....	158,368	27,802	9,849	13,177	721	738	1,822	390	1,105	128,814	128,502	111	201	404	1,202	1,052	150	147	
2005.....	170,440	29,249	10,602	13,760	797	732	1,852	408	1,099	139,321	138,993	115	213	422	1,304	1,151	154	145	
2006.....	175,952	28,568	10,095	13,760	703	715	1,868	340	1,087	145,446	145,105	118	223	447	1,345	1,187	158	147	

NA = not available

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

^aBecause 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.

^bExpenditures of industry FFRDCs for 1953–63 not separated from total federal support to industrial sector; therefore, value for federal support to industry includes support to FFRDCs for those years. Similarly for expenditures of nonprofit FFRDCs, included in federal support for nonprofit institutions in 1953–80.

^cCharacter-of-work estimates for industry R&D revised for 1998 on; therefore, data not directly comparable with data for 1997 and earlier.

^dAdjustments 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; therefore, data not directly comparable with data for 1997 and earlier.

^eIncludes all R&D expenditures of FFRDCs administered by academic institutions.

^fIndustry sources of industry R&D expenditures include all nonfederal sources of industry R&D expenditures.

NOTES: All data for calendar years. For some performers, these levels are approximations based on fiscal year data. For federal government expenditures starting in 1977, calendar-year approximation is 75% of amount reported in same fiscal year plus 25% of amount reported in subsequent fiscal year. Academic expenditures in all years and federal government expenditures before 1977 each 50% because those fiscal years (for most academic institutions and federal government before 1977) began on 1 July instead of 1 October. Technical notes explaining methodological issues of measurement available from National Science Foundation (NSF), Division of Science Resources Statistics (SRS) on request. Data based on annual reports by performers except for nonprofit sector. Preliminary data for 2005 and 2006. For trend comparisons, use only historical data reported here. Table incorporates latest revisions to prior-year data. Do not use data published earlier.

SOURCES: NSF/SRS, Research and Development in Industry 2005 (forthcoming); Academic Research and Development Expenditures: Fiscal Year 2005 (2007); Federal Funds for Research and Development: Fiscal Years 2004, 2005, and 2006 (2007); and Survey of Research and Development Funding and Performance by Nonprofit Organizations: FY 1996–97 (2001).