

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

(Millions of constant 2000 dollars)

Year	Performing sector:	Total	Federal	Industry ^a			Industry FFRDCs	U&C ^b					U&C FFRDCs	Other nonprofit institutions				Nonprofit FFRDCs	
	Funding sector:	Total	Federal	Total	Federal ^c	Industry ^d	Federal ^e	Total	Federal	Nonfederal ^e	Industry	U&C	Nonprofit	Federal ^f	Total	Federal ^g	Industry	Nonprofit	Federal ^h
1953.....		2,519	556	828	104	723	NA	674	447	36	71	33	88	197	263	148	49	66	NA
1954.....		2,761	521	901	125	776	NA	801	524	52	81	46	98	239	299	168	60	71	NA
1955.....		3,089	520	1,008	144	864	NA	958	621	74	91	62	109	267	336	192	69	75	NA
1956.....		3,702	585	1,304	191	1,114	NA	1,134	735	98	101	80	121	299	379	214	77	88	NA
1957.....		4,060	619	1,352	205	1,148	NA	1,300	831	124	112	98	135	357	432	242	75	115	NA
1958.....		4,603	727	1,439	210	1,229	NA	1,522	985	152	117	117	151	415	500	285	78	137	NA
1959.....		5,238	793	1,542	347	1,195	NA	1,870	1,265	181	116	137	171	455	578	347	87	145	NA
1960.....		6,112	872	1,787	375	1,412	NA	2,303	1,618	214	116	159	195	504	646	404	100	143	NA
1961.....		7,104	1,079	1,856	381	1,476	NA	2,808	2,028	252	117	187	223	590	771	493	103	174	NA
1962.....		8,457	1,168	2,263	663	1,600	NA	3,415	2,529	295	116	222	253	684	927	603	111	213	NA
1963.....		9,704	1,305	2,395	674	1,720	NA	4,168	3,161	344	112	264	287	803	1,032	688	115	229	NA
1964.....		10,827	1,532	2,291	556	1,735	190	4,837	3,721	381	113	315	307	901	1,075	750	113	212	NA
1965.....		11,822	1,662	2,498	697	1,802	129	5,416	4,187	419	118	382	311	965	1,152	792	129	231	NA
1966.....		12,642	1,769	2,559	613	1,946	134	5,954	4,599	447	125	459	324	1,029	1,197	809	138	250	NA
1967.....		13,257	1,814	2,490	703	1,787	142	6,502	4,970	477	140	568	347	1,101	1,207	810	142	255	NA
1968.....		13,551	1,935	2,436	582	1,854	140	6,745	5,078	525	151	627	365	1,106	1,188	787	149	253	NA
1969.....		13,350	2,085	2,222	470	1,752	141	6,706	4,924	585	151	655	392	1,040	1,155	734	164	256	NA
1970.....		13,053	2,041	2,056	443	1,613	131	6,737	4,803	651	156	711	416	961	1,128	706	160	262	NA
1971.....		12,868	2,010	1,927	349	1,577	114	6,807	4,789	670	171	740	438	872	1,138	716	156	266	NA
1972.....		12,763	1,997	1,837	302	1,535	129	6,754	4,764	648	182	716	444	895	1,150	716	156	278	NA
1973.....		12,872	2,047	1,868	301	1,567	113	6,603	4,674	617	184	701	429	1,077	1,163	727	154	283	NA
1974.....		12,989	2,058	1,872	328	1,544	141	6,570	4,633	587	190	720	439	1,194	1,154	706	155	294	NA
1975.....		12,828	1,999	1,782	274	1,508	139	6,525	4,653	559	188	694	432	1,251	1,131	671	156	304	NA
1976.....		13,367	2,115	1,866	289	1,577	172	6,654	4,786	542	187	705	434	1,383	1,178	690	162	325	NA
1977.....		14,054	2,205	1,955	316	1,640	175	6,939	4,945	542	208	782	462	1,560	1,219	705	168	346	NA
1978.....		15,208	2,282	2,057	341	1,716	205	7,378	5,243	568	233	870	464	1,979	1,306	768	172	366	NA
1979.....		15,816	2,245	2,127	325	1,802	210	7,725	5,488	577	257	941	462	2,118	1,391	833	175	383	NA
1980.....		16,181	2,243	2,230	315	1,915	222	7,984	5,663	568	288	1,006	459	2,158	1,343	769	176	397	NA
1981.....		16,336	2,271	2,498	277	2,221	232	8,012	5,634	572	309	1,041	456	2,172	1,136	548	177	411	15
1982.....		16,980	2,426	2,831	403	2,428	204	8,116	5,539	587	344	1,142	505	2,178	1,210	588	184	438	14
1983.....		18,219	2,657	3,230	531	2,699	179	8,462	5,657	607	398	1,252	549	2,355	1,323	653	194	476	12
1984.....		19,705	2,774	3,654	503	3,151	201	9,082	6,040	644	462	1,352	584	2,526	1,455	730	206	519	14
1985.....		21,155	2,793	3,917	514	3,404	188	10,075	6,606	738	558	1,543	631	2,572	1,592	803	219	569	18
1986.....		24,075	2,843	5,516	609	4,907	164	11,147	7,188	850	654	1,771	684	2,688	1,698	833	236	630	18
1987.....		25,249	2,797	5,712	817	4,895	194	11,809	7,550	900	702	1,912	745	2,850	1,867	923	252	692	20
1988.....		26,140	2,796	5,500	867	4,633	445	12,343	7,843	932	746	2,021	802	3,001	2,023	999	268	756	31
1989.....		27,864	2,939	6,133	1,255	4,878	507	13,006	8,174	974	811	2,181	865	3,018	2,202	1,095	283	823	59
1990.....		28,223	2,842	5,673	1,065	4,608	612	13,635	8,442	1,038	865	2,364	927	3,027	2,356	1,161	300	895	79
1991.....		32,139	2,816	8,735	1,481	7,253	546	14,283	8,790	1,080	905	2,519	990	3,146	2,521	1,227	318	977	91

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Year	Performing sector:		Federal	Industry ^a			Industry FFRDCs	U&C ^b					U&C FFRDCs	Other nonprofit institutions				Nonprofit FFRDCs
	Total	Federal		Total	Federal ^c	Industry ^d		Total	Federal	Nonfederal ^e	Industry	U&C		Nonprofit	Total	Federal ^f	Industry	
1992.....	31,955	2,800	7,557	824	6,733	549	14,944	9,328	1,090	943	2,550	1,034	3,319	2,709	1,290	341	1,078	78
1993.....	32,520	2,965	7,272	527	6,745	557	15,439	9,774	1,077	963	2,566	1,059	3,341	2,865	1,309	366	1,189	82
1994.....	32,849	2,822	7,217	483	6,734	557	15,953	10,125	1,098	985	2,666	1,079	3,251	2,967	1,259	394	1,314	83
1995.....	32,146	2,920	6,046	206	5,840	575	16,443	10,459	1,161	1,026	2,725	1,072	2,933	3,147	1,270	424	1,453	82
1996.....	34,946	2,855	7,989	693	7,297	754	17,091	10,752	1,224	1,100	2,919	1,096	2,776	3,396	1,330	457	1,609	84
1997.....	38,690	2,878	10,266	1,078	9,187	655	18,497	11,445	1,308	1,232	3,295	1,217	2,800	3,482	1,380	471	1,631	113
1998.....	36,624	3,112	6,067	1,039	5,028	589	20,026	12,330	1,379	1,363	3,611	1,344	2,757	3,851	1,514	507	1,831	221
1999.....	39,718	3,420	6,789	1,132	5,658	570	21,391	13,081	1,464	1,453	3,921	1,473	2,825	4,318	1,772	558	1,988	405
2000.....	42,763	3,765	7,040	925	6,115	547	22,860	13,912	1,549	1,499	4,296	1,603	2,874	5,061	2,099	621	2,341	616
2001.....	46,666	4,161	7,864	736	7,128	539	24,601	15,151	1,623	1,482	4,622	1,724	3,031	5,575	2,406	614	2,555	894
2002.....	49,335	4,329	7,244	852	6,391	513	26,747	16,926	1,694	1,432	4,866	1,828	3,564	5,998	2,471	578	2,949	940
2003.....	51,793	4,384	7,829	1,303	6,526	281	28,527	18,630	1,767	1,373	4,931	1,826	3,521	6,284	2,551	584	3,149	967
2004.....	51,788	4,327	7,160	980	6,180	160	29,606	19,539	1,819	1,383	5,007	1,859	3,408	6,148	2,512	584	3,053	979
2005.....	52,943	4,365	7,688	983	6,705	119	29,980	19,562	1,808	1,431	5,262	1,916	3,353	6,401	2,445	617	3,339	1,037
2006.....	52,994	4,254	7,983	983	7,000	110	29,936	19,182	1,817	1,458	5,526	1,954	3,227	6,474	2,384	646	3,444	1,010

NA = not available

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

^aCharacter-of-work estimates for industry R&D revised for 1998 on; therefore, data not directly comparable with data for 1997 and earlier.^bAdjustments 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.^cExpenditures 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.^dIndustry sources of industry R&D expenditures include all nonfederal sources of industry R&D expenditures.^eBecause 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.^fIncludes all R&D expenditures of FFRDCs administered by academic institutions.

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).