

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

(Millions of constant 2000 dollars)

Year	Funding sector:	Federal										Industry				U&C	Nonprofit		Nonfederal <sup>a</sup>	
	Performing sector:	Total	Total	Federal	Industry <sup>b,c</sup>	FFRDCs <sup>b</sup>	U&C <sup>d</sup>	U&C FFRDCs <sup>e</sup>	Nonprofit <sup>b</sup>	Nonprofit FFRDCs <sup>b</sup>	Total	Industry <sup>c,f</sup>	U&C <sup>d</sup>	Nonprofit	U&C <sup>d</sup>	Total	Nonprofit	U&C <sup>d</sup>	U&C <sup>d</sup>	
1953.....		7,065	4,141	1,902	1,579	NA	323	260	77	NA	2,497	2,401	36	60	153	110	55	55	165	
1954.....		7,482	4,262	1,789	1,748	NA	323	315	87	NA	2,783	2,671	41	71	152	114	60	54	171	
1955.....		8,074	4,534	1,776	1,963	NA	336	363	96	NA	3,107	2,987	45	75	145	115	59	56	172	
1956.....		9,938	5,282	1,993	2,444	NA	335	405	106	NA	4,218	4,094	52	72	139	129	72	57	171	
1957.....		12,044	6,508	2,223	3,384	NA	314	469	117	NA	5,078	4,951	57	70	135	155	100	55	169	
1958.....		13,455	7,298	2,517	3,776	NA	320	539	146	NA	5,674	5,547	59	68	133	178	122	56	172	
1959.....		14,165	7,855	2,778	3,918	NA	373	581	205	NA	5,809	5,677	60	72	135	188	130	58	178	
1960.....		14,567	8,229	2,921	3,959	NA	442	611	297	NA	5,827	5,684	62	81	137	190	133	57	184	
1961.....		14,678	8,511	3,139	3,816	NA	486	681	388	NA	5,616	5,475	61	80	139	223	164	59	188	
1962.....		17,144	9,728	3,285	4,688	NA	549	753	452	NA	6,818	6,667	63	88	141	269	209	60	188	
1963.....		17,730	10,298	3,712	4,620	NA	585	853	528	NA	6,804	6,653	64	87	148	287	225	62	193	
1964.....		18,983	11,123	4,277	4,419	280	642	917	587	NA	7,196	7,049	61	86	169	291	212	79	204	
1965.....		19,408	11,327	4,409	4,402	204	779	912	621	NA	7,340	7,189	58	93	187	348	231	118	206	
1966.....		20,074	11,324	4,366	4,254	229	897	919	658	NA	7,948	7,784	60	104	209	390	246	145	203	
1967.....		20,290	11,564	4,472	4,114	347	994	942	695	NA	7,908	7,738	65	105	225	402	251	151	191	
1968.....		20,620	11,281	4,462	3,837	349	1,001	885	747	NA	8,530	8,353	64	112	221	403	249	155	185	
1969.....		20,859	11,181	4,701	3,518	363	981	815	803	NA	8,872	8,689	61	122	206	415	252	163	184	
1970.....		20,893	11,261	4,845	3,458	352	1,015	774	817	NA	8,820	8,637	64	120	203	423	254	169	186	
1971.....		20,176	10,692	4,687	3,137	232	1,058	745	832	NA	8,625	8,443	64	118	232	419	256	163	209	
1972.....		20,377	10,750	4,754	2,801	355	1,295	743	804	NA	8,677	8,493	68	116	271	433	262	171	246	
1973.....		20,897	10,768	4,796	2,773	345	1,411	636	807	NA	9,087	8,892	82	113	314	454	261	193	275	
1974.....		21,149	10,466	4,758	2,606	346	1,372	549	835	NA	9,599	9,397	91	111	339	468	262	206	277	
1975.....		21,292	10,856	5,031	2,608	366	1,446	576	829	NA	9,263	9,052	101	109	370	505	263	242	298	
1976.....		22,331	11,105	5,146	2,570	415	1,481	653	840	NA	9,954	9,732	111	111	412	544	272	271	317	
1977.....		22,601	10,955	4,867	2,603	496	1,463	695	830	NA	10,316	10,084	119	112	454	563	281	282	315	
1978.....		23,394	11,103	4,899	2,612	514	1,477	708	893	NA	10,888	10,643	132	113	507	566	287	279	330	
1979.....		24,415	11,307	4,874	2,634	505	1,600	726	969	NA	11,699	11,444	144	112	531	551	291	260	326	
1980.....		25,377	11,541	4,711	3,007	509	1,688	779	848	NA	12,394	12,120	163	110	570	552	292	260	321	
1981.....		27,621	11,565	4,620	3,454	504	1,611	714	861	115	14,430	14,139	182	108	613	561	292	269	337	
1982.....		29,044	12,114	4,466	4,134	585	1,605	690	634	145	15,229	14,927	193	109	641	585	301	283	331	
1983.....		31,129	13,281	4,587	4,949	635	1,721	726	664	119	16,104	15,774	217	113	680	615	317	298	330	
1984.....		33,184	13,921	4,376	5,435	809	1,812	811	679	119	17,424	17,059	248	117	726	648	334	313	346	
1985.....		36,435	15,560	4,497	6,766	904	1,860	831	702	118	18,921	18,516	284	122	785	676	355	321	375	
1986.....		38,231	14,504	4,497	5,683	883	1,955	777	710	106	21,617	21,168	321	128	871	716	379	337	418	
1987.....		38,186	14,694	4,598	5,515	851	2,244	726	758	101	21,190	20,702	355	133	966	780	403	377	455	
1988.....		39,009	14,199	4,442	5,081	490	2,586	722	791	87	22,377	21,839	399	138	1,081	855	426	429	498	
1989.....		41,087	14,960	4,540	5,504	476	2,699	767	884	89	23,489	22,904	442	143	1,188	919	448	471	531	
1990.....		42,769	16,784	4,476	7,313	473	2,622	844	955	100	23,201	22,591	462	147	1,264	966	470	495	555	
1991.....		45,746	16,909	4,848	6,617	513	2,641	1,097	1,091	102	25,989	25,372	464	153	1,292	1,003	496	507	554	

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Year	Funding sector:																		
	Total	Federal									Industry				U&C	Nonprofit		Nonfederal <sup>a</sup>	
	Performing sector:	Total	Total	Federal	Industry <sup>b,c</sup>	FFRDCs <sup>b</sup>	U&C <sup>d</sup>	U&C	Nonprofit	FFRDCs <sup>b</sup>	Total	Industry <sup>c,f</sup>	U&C <sup>d</sup>	Nonprofit	U&C <sup>d</sup>	Total	Nonprofit	U&C <sup>d</sup>	U&C <sup>d</sup>
1992.....		43,912	15,846	5,020	5,181	587	2,793	1,089	1,081	94	25,162	24,523	479	160	1,296	1,054	528	526	554
1993.....		42,182	15,922	5,474	4,860	492	2,873	1,089	1,018	116	23,248	22,580	501	167	1,336	1,114	562	552	561
1994.....		40,567	15,286	5,523	4,006	557	2,926	1,087	1,063	123	22,153	21,463	514	176	1,392	1,163	599	563	573
1995.....		44,440	14,700	5,377	3,435	581	3,013	1,140	1,014	140	26,511	25,791	536	184	1,424	1,199	639	560	607
1996.....		45,992	14,868	5,191	3,878	246	3,047	1,353	1,022	130	27,783	27,032	558	193	1,481	1,239	682	557	622
1997.....		48,789	13,502	5,237	2,775	223	2,671	1,402	1,059	135	31,972	31,214	543	215	1,455	1,282	745	537	579
1998.....		48,084	13,319	5,334	2,728	238	2,370	1,422	1,099	128	31,428	30,658	539	231	1,427	1,366	836	531	545
1999.....		53,231	14,347	5,650	2,878	280	2,800	1,278	1,328	132	35,366	34,558	553	255	1,492	1,468	907	561	557
2000.....		56,931	15,783	6,105	2,682	269	3,350	1,329	1,831	217	37,330	36,494	553	283	1,586	1,660	1,069	592	572
2001.....		63,190	18,856	6,887	3,519	913	3,664	1,450	2,100	324	40,280	39,462	538	280	1,675	1,791	1,166	624	588
2002.....		48,982	18,733	7,187	2,353	1,059	4,045	1,618	2,176	296	25,822	25,033	526	264	1,787	2,017	1,346	671	622
2003.....		57,750	21,448	7,210	4,204	1,348	4,358	1,651	2,337	341	31,665	30,883	515	266	1,851	2,123	1,437	686	663
2004.....		64,055	21,544	6,883	4,364	1,390	4,525	1,769	2,281	333	37,929	37,155	508	266	1,838	2,076	1,393	683	668
2005.....		63,162	22,078	6,981	4,691	1,359	4,700	1,702	2,285	361	36,281	35,477	522	282	1,921	2,223	1,524	699	660
2006.....		64,308	21,442	6,676	4,691	1,277	4,695	1,555	2,204	344	37,868	37,037	537	295	2,036	2,292	1,572	720	669

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; 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.

<sup>c</sup>Character-of-work estimates for industry R&D revised for 1998 on; therefore, data not directly comparable with data for 1997 and earlier.

<sup>d</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; therefore, data not directly comparable with data for 1997 and earlier.

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

<sup>f</sup>Industry 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.

SOURCE: 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).