

Table 775. Research and Development (R&D) Expenditures by Source and Objective: 1970 to 2006

[In millions of dollars (26,271 represents \$26,271,000,000), except as indicated. For calendar years]

Year	Total	Sources of funds					Objective (percent of total)			Character of work		
		Federal government	Industry	Universities/colleges	Non-profit	Non-federal government ¹	Defense related ²	Space related ³	Other	Basic research	Applied research	Development
1970 ...	26,271	14,984	10,449	259	343	237	33	10	56	3,594	5,752	16,925
1971 ...	26,952	15,210	10,824	290	366	262	33	10	58	3,720	5,833	17,399
1972 ...	28,740	16,039	11,715	312	393	282	33	8	59	3,850	6,147	18,743
1973 ...	30,952	16,587	13,299	343	422	302	32	7	61	4,099	6,655	20,197
1974 ...	33,359	17,287	14,885	393	474	320	29	7	64	4,511	7,344	21,504
1975 ...	35,671	18,533	15,824	432	534	348	28	8	65	4,875	8,091	22,706
1976 ...	39,435	20,292	17,702	480	592	369	27	8	65	5,373	8,976	25,085
1977 ...	43,338	22,071	19,642	569	662	394	27	7	66	6,008	9,662	27,667
1978 ...	48,719	24,414	22,457	679	727	443	26	6	68	6,959	10,704	31,056
1979 ...	55,379	27,225	26,097	785	791	482	25	6	70	7,836	12,097	35,445
1980 ...	63,224	29,986	30,929	920	871	519	24	5	70	8,745	13,714	40,765
1981 ...	72,292	33,739	35,948	1,058	967	581	24	5	70	9,658	16,329	46,305
1982 ...	80,748	37,133	40,692	1,207	1,095	621	26	5	69	10,651	18,218	51,879
1983 ...	89,950	41,451	45,264	1,357	1,220	658	28	4	68	11,880	20,298	57,771
1984 ...	102,244	46,470	52,187	1,514	1,351	721	29	3	68	13,332	22,451	66,461
1985 ...	114,671	52,641	57,962	1,743	1,491	834	30	3	67	14,748	25,401	74,522
1986 ...	120,249	54,622	60,991	2,019	1,647	969	31	3	66	17,154	27,240	75,855
1987 ...	126,360	58,609	62,576	2,262	1,849	1,065	32	3	65	18,481	27,951	79,929
1988 ...	133,880	60,130	67,977	2,527	2,081	1,165	30	4	66	19,786	29,528	84,566
1989 ...	141,889	60,464	74,966	2,852	2,333	1,274	28	4	69	21,889	32,277	87,723
1990 ...	151,990	61,607	83,208	3,187	2,589	1,399	25	4	71	23,028	34,896	94,067
1991 ...	160,872	60,780	92,300	3,457	2,852	1,483	22	5	73	27,139	38,629	95,104
1992 ...	165,347	60,912	96,229	3,568	3,113	1,525	22	4	74	27,604	37,933	99,810
1993 ...	165,726	60,524	96,549	3,709	3,388	1,557	21	4	74	28,742	37,280	99,704
1994 ...	169,201	60,773	99,203	3,938	3,665	1,622	20	5	76	29,649	36,615	102,937
1995 ...	183,618	62,964	110,870	4,110	3,924	1,751	19	5	77	29,609	40,932	113,077
1996 ...	197,338	63,388	123,416	4,435	4,239	1,860	18	4	78	32,797	43,165	121,375
1997 ...	212,142	64,567	136,227	4,837	4,590	1,921	17	4	79	36,915	46,551	128,676
1998 ...	226,455	66,375	147,845	5,162	5,101	1,971	16	4	80	35,331	46,388	144,736
1999 ...	245,036	67,045	164,660	5,618	5,616	2,098	15	3	82	38,872	52,096	154,068
2000 ...	267,557	66,403	186,135	6,230	6,542	2,246	13	2	84	42,763	56,932	167,862
2001 ...	277,736	72,820	188,439	6,824	7,256	2,396	14	2	84	47,785	64,706	165,245
2002 ...	276,591	77,691	180,711	7,341	8,291	2,556	15	2	82	51,400	51,033	174,157
2003 ...	289,025	83,596	186,174	7,648	8,868	2,740	16	2	82	55,109	61,448	172,468
2004 ...	300,060	88,908	191,376	7,932	8,962	2,882	17	2	81	56,670	70,093	173,297
2005 ⁴	323,546	94,635	207,556	8,413	9,949	2,993	17	2	81	60,157	75,252	188,138
2006 ⁴	342,886	96,847	223,042	8,909	10,924	3,164	12	2	86	63,648	79,291	199,947

¹ Nonfederal R&D expenditures to university and college performers. ² R&D spending by the Department of Defense, including space activities and a portion of the Department of Energy funds. ³ For the National Aeronautics and Space Administration only. ⁴ Preliminary.