

Table 769. Research and Development (R&D) Expenditures by Source and Objective: 1970 to 2007

[In millions of dollars (26,272 represents \$26,272,000,000), except as indicated. For calendar years]

Year	Sources of funds						Objective (percent of total)			Character of work		
	Total	Federal government	Industry	Universities/colleges	Non-profit	Non-federal government ¹	Defense related ²	Space related ³	Other	Basic research	Applied research	Development
1970	26,272	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	28,741	16,039	11,715	312	393	282	33	8	59	3,850	6,147	18,743
1973	30,953	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	48,720	24,414	22,457	679	727	443	26	6	68	6,959	12,074	31,056
1979	55,380	27,225	26,097	785	791	482	25	6	70	7,836	12,097	35,445
1980	63,225	29,986	30,929	920	871	519	24	5	70	8,745	13,714	40,765
1981	72,293	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	102,243	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	120,248	54,622	60,991	2,019	1,647	969	31	3	66	17,154	27,240	75,855
1987	126,361	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	165,727	60,524	96,549	3,709	3,388	1,557	21	4	74	28,743	37,280	99,704
1994	169,202	60,773	99,203	3,938	3,665	1,623	20	5	76	29,651	36,615	102,936
1995	183,620	62,964	110,870	4,110	3,925	1,751	19	5	77	29,610	40,933	113,077
1996	197,340	63,389	123,416	4,435	4,239	1,861	18	4	78	32,799	43,165	121,375
1997	212,144	64,568	136,227	4,837	4,590	1,922	17	4	79	36,917	46,551	128,676
1998	226,457	66,376	147,845	5,162	5,102	1,972	16	4	80	35,333	46,388	144,735
1999	245,041	67,046	164,660	5,618	5,619	2,098	15	3	82	38,875	52,097	154,069
2000	267,562	66,406	186,136	6,231	6,542	2,247	13	2	84	42,767	56,932	167,863
2001	277,746	72,826	188,440	6,826	7,257	2,397	14	2	84	47,792	64,708	165,245
2002	276,602	77,699	180,711	7,343	8,292	2,557	15	2	82	51,410	51,035	174,157
2003	289,039	83,606	186,174	7,649	8,868	2,742	16	2	82	54,839	61,690	172,509
2004	299,905	88,749	191,377	7,933	8,962	2,884	17	2	81	56,378	70,172	173,354
2005	323,005	93,734	207,841	8,575	9,905	2,950	17	2	81	60,003	70,355	192,647
2006	347,872	97,701	227,276	9,282	10,542	3,071	17	2	81	61,721	76,788	209,362
2007 ⁴	368,097	98,331	245,027	9,866	11,647	3,226	16	2	82	64,417	81,211	222,470

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.