

Table. Federal Support of Research by Discipline, FY 1970-2004

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(billions of constant FY 2004 dollars)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
NIH biomed	2.81	3.13	3.59	3.54	4.34	4.23	4.35	4.51	4.79	4.95	5.03	4.87	4.86	5.18	5.62	6.17	6.22	7.11	7.22	7.44	7.53	7.62	8.32	8.99	9.22	9.33	9.81	10.25	10.86	12.23	14.28	18.38	20.31	22.78	23.97
All other life	2.90	2.87	3.08	3.14	2.96	2.94	2.87	3.11	3.34	3.50	3.43	3.28	3.31	3.36	3.34	3.63	3.51	3.66	3.76	4.19	4.12	4.62	3.98	4.08	4.18	4.41	3.96	3.96	4.16	4.64	4.98	5.78	5.92	6.04	5.37
Psychology	0.43	0.41	0.42	0.38	0.43	0.41	0.39	0.40	0.42	0.43	0.40	0.38	0.38	0.40	0.42	0.50	0.50	0.54	0.55	0.58	0.59	0.61	0.37	0.67	0.65	0.72	0.60	0.61	0.66	0.69	1.74	0.78	0.93	1.02	1.05
Physical Scis	3.75	3.42	3.68	3.39	3.28	3.20	3.43	3.88	3.91	3.94	4.04	4.08	4.30	4.77	4.72	4.69	4.62	4.77	4.72	5.07	5.03	5.39	5.51	5.37	5.05	4.98	4.48	4.65	4.67	4.45	5.13	4.82	5.13	5.17	5.42
Env. Scis.	1.93	2.02	2.05	2.01	2.05	2.12	2.09	2.30	2.43	2.42	2.55	2.06	1.98	2.06	2.03	2.16	2.23	2.22	2.29	2.43	2.87	2.73	2.74	3.17	3.37	3.32	3.45	3.42	3.39	3.39	3.57	3.41	3.52	3.74	3.76
Math / Comp	0.38	0.40	0.44	0.40	0.37	0.37	0.43	0.50	0.51	0.46	0.49	0.51	0.60	0.69	0.70	0.89	0.93	0.94	0.91	1.01	1.11	1.15	1.44	1.49	1.55	1.84	1.79	1.88	2.04	2.17	2.37	2.74	2.71	2.77	2.83
Engineering	6.11	5.62	5.23	4.74	5.04	5.02	5.63	5.35	5.75	5.65	5.72	5.65	5.83	5.80	5.76	5.57	5.63	5.73	5.63	6.08	5.58	6.29	6.18	6.67	6.51	6.64	6.48	6.38	6.53	6.85	6.81	8.59	8.52	9.19	9.13
Social Scis.	0.84	1.15	1.11	1.03	0.94	0.88	1.07	1.08	1.16	1.16	1.06	0.91	0.66	0.72	0.69	0.71	0.63	0.70	0.69	0.75	0.83	0.93	0.86	0.82	0.77	0.79	0.75	0.78	0.89	0.94	1.13	1.06	1.07	1.19	1.20
Other *	0.30	0.34	0.42	0.67	0.50	0.49	0.49	0.45	0.49	0.63	0.71	0.70	0.49	0.53	0.53	0.53	0.58	0.64	0.75	0.88	0.88	1.15	1.00	1.37	1.26	1.05	0.94	1.02	1.07	1.33	1.24	1.31	1.32	1.35	1.34
Total	19.44	19.36	20.02	19.29	19.90	19.65	20.75	21.57	22.80	23.14	23.42	22.46	22.42	23.50	23.82	24.85	24.84	26.32	26.52	28.43	28.54	30.49	30.39	32.63	32.56	33.08	32.26	32.94	34.27	36.68	41.26	46.85	49.43	53.26	54.07

(in billions of current (non-adjusted) dollars)

NIH biomed	0.71	0.83	0.99	1.02	1.35	1.45	1.60	1.78	2.02	2.26	2.49	2.65	2.82	3.14	3.54	4.01	4.13	4.84	5.08	5.44	5.71	5.99	6.71	7.41	7.76	8.02	8.60	9.13	9.80	11.18	13.32	17.54	19.72	22.48	23.97
All other life	0.73	0.76	0.85	0.91	0.92	1.01	1.05	1.23	1.41	1.59	1.70	1.79	1.92	2.04	2.10	2.35	2.33	2.50	2.65	3.06	3.12	3.63	3.20	3.36	3.52	3.79	3.47	3.53	3.76	4.24	4.65	5.52	5.75	5.96	5.37
Psychology	0.11	0.11	0.12	0.11	0.13	0.14	0.14	0.16	0.18	0.20	0.20	0.21	0.22	0.24	0.27	0.33	0.33	0.37	0.39	0.42	0.45	0.48	0.30	0.55	0.55	0.62	0.53	0.55	0.63	1.63	0.74	0.91	1.01	1.05	
Physical Scis	0.95	0.91	1.02	0.98	1.02	1.10	1.26	1.53	1.65	1.79	2.00	2.22	2.50	2.89	2.97	3.05	3.07	3.25	3.32	3.71	3.81	4.24	4.44	4.43	4.25	4.28	3.92	4.15	4.21	4.07	4.79	4.60	4.98	5.11	5.42
Env. Scis.	0.49	0.53	0.57	0.58	0.64	0.73	0.77	0.91	1.02	1.10	1.26	1.12	1.15	1.25	1.28	1.40	1.48	1.51	1.61	1.77	2.17	2.15	2.21	2.61	2.84	2.85	3.02	3.05	3.06	3.10	3.33	3.25	3.42	3.69	3.76
Math / Comp	0.09	0.11	0.12	0.11	0.11	0.13	0.16	0.20	0.22	0.21	0.24	0.28	0.35	0.42	0.44	0.57	0.62	0.64	0.64	0.74	0.84	0.90	1.16	1.23	1.30	1.58	1.57	1.67	1.84	1.98	2.21	2.61	2.63	2.74	2.83
Engineering	1.54	1.49	1.45	1.37	1.56	1.72	2.07	2.11	2.42	2.57	2.83	3.07	3.39	3.52	3.62	3.62	3.74	3.91	3.96	4.44	4.23	4.94	4.98	5.50	5.48	5.71	5.68	5.69	5.90	6.26	6.35	8.20	8.27	9.07	9.13
Social Scis.	0.21	0.30	0.31	0.30	0.29	0.30	0.39	0.43	0.49	0.53	0.52	0.50	0.39	0.44	0.44	0.46	0.42	0.48	0.49	0.55	0.63	0.73	0.69	0.67	0.65	0.68	0.65	0.70	0.81	0.85	1.05	1.01	1.04	1.18	1.20
Other *	0.08	0.09	0.12	0.19	0.15	0.17	0.18	0.18	0.21	0.29	0.35	0.38	0.29	0.32	0.33	0.34	0.38	0.44	0.53	0.64	0.66	0.90	0.81	1.13	1.06	0.90	0.82	0.91	0.96	1.21	1.16	1.25	1.28	1.33	1.34
Total	4.90	5.12	5.55	5.58	6.18	6.73	7.62	8.51	9.61	10.54	11.60	12.21	13.02	14.25	14.98	16.13	16.50	17.94	18.65	20.77	21.62	23.97	24.49	26.89	27.41	28.43	28.26	29.37	30.92	33.53	38.47	44.71	48.01	52.57	54.07

GDP (trillions of \$)

1970	1.01	1.08	1.18	1.31	1.44	1.56	1.74	1.97	2.22	2.50	2.73	3.06	3.23	3.44	3.85	4.15	4.41	4.65	5.01	5.40	5.74	5.93	6.24	6.58	6.96	7.33	7.70	8.19	8.63	9.13	9.71	10.04	10.37	10.83	11.47
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Source: National Science Foundation, Federal Funds for Research and Development FY 2002, 2003, and 2004, 2004.

FY 2003 and 2004 data are preliminary. Constant-dollar conversions based on OMB's GDP deflators from the Budget of the U.S. Government FY 2005.

* - Includes research not elsewhere classified.

Basic and applied research only. Development and R&D facilities are not classified by discipline.

AAAS - October 2004.

GDP figures from Budget of the U.S. Government FY 2005.