

Table I-5. R&D by Character of Work

Table I-5. R&D by Character of Work
(budget authority in **billions** of dollars)

	FY 1980	FY 1990	FY 2000	FY 2004	% Share of Total		
	Actual	Actual	Actual	Budget	1980	1990	2004
Basic Research	4.7	11.3	22.0	26.9	14.2%	17.0%	21.9%
Applied Research	6.9	10.2	21.4	26.9	20.8%	15.3%	21.9%
Total Research	11.6	21.5	43.5	53.7	35.0%	32.3%	43.9%
Development	20.0	42.3	42.8	64.3	60.4%	63.7%	52.5%
Conduct of R&D	31.6	63.8	86.3	118.0	95.5%	96.0%	96.3%
R&D Facilities	1.5	2.6	5.1	4.5	4.5%	4.0%	3.7%
Total R&D	33.1	66.4	91.4	122.5	100.0%	100.0%	100.0%

Constant FY 2003 Dollars

Basic Research	9.9	15.2	23.3	26.4
Applied Research	14.5	13.8	22.7	26.4
Total Research	24.4	29.0	46.0	52.7
Development	42.1	57.1	45.3	63.1
Conduct of R&D	66.6	86.1	91.3	115.8
R&D Facilities	3.2	3.6	5.4	4.4
Total R&D	69.7	89.7	96.7	120.2

Source: OMB data for R&D for FY 2004, agency budget justifications, agency documents, *AAAS Report XVI* (1991), and *AAAS Report VI* (1981).

Constant dollar conversions based on OMB's GDP deflators.