

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

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(budget authority in **billions** of dollars)

	FY 1980	FY 1990	FY 2000	FY 2003	% Share of Total		
	Actual	Actual	Actual	Budget	1980	1990	2003
Basic Research	4.7	11.3	22.0	25.5	14.2%	17.0%	22.8%
Applied Research	6.9	10.2	21.4	26.4	20.8%	15.3%	23.5%
Total Research	11.6	21.5	43.5	51.9	35.0%	32.3%	46.3%
Development	20.0	42.3	42.8	55.2	60.4%	63.7%	49.3%
Conduct of R&D	31.6	63.8	86.3	107.1	95.5%	96.0%	95.6%
R&D Facilities	1.5	2.6	5.1	4.9	4.5%	4.0%	4.4%
Total R&D	33.1	66.4	91.4	112.0	100.0%	100.0%	100.0%

Constant FY 2002 Dollars

Basic Research	9.4	14.6	23.0	25.5
Applied Research	13.8	13.2	22.4	26.4
Total Research	23.2	27.9	45.4	51.9
Development	39.9	55.0	44.8	55.2
Conduct of R&D	63.1	82.9	90.2	107.1
R&D Facilities	3.0	3.4	5.3	4.9
Total R&D	66.1	86.3	95.5	112.0

Source: OMB data for R&D for FY 2003, agency budget justifications, agency documents, *AAAS Report XVI* (1991), and *AAAS Report VI* (1981).

Constant dollar conversions based on OMB's GDP deflators.

Please see Chapter 3 for a discussion of this table.