

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 2002	% Share of Total		
	Actual	Actual	Actual	Budget	1980	1990	2002
Basic Research	4.7	11.3	22.0	23.3	14.2%	17.0%	24.2%
Applied Research	6.9	10.2	21.4	22.5	20.8%	15.3%	23.3%
Total Research	11.6	21.5	43.5	45.8	35.0%	32.3%	47.5%
Development	20.0	42.3	42.4	45.6	60.4%	63.7%	47.2%
Conduct of R&D	31.6	63.8	85.8	91.4	95.5%	96.0%	94.7%
R&D Facilities	1.5	2.6	5.1	5.1	4.5%	4.0%	5.3%
Total R&D	33.1	66.4	90.9	96.5	100.0%	100.0%	100.0%

Constant FY 2001 Dollars

Basic Research	9.2	14.3	22.5	22.9
Applied Research	13.5	12.9	21.9	22.0
Total Research	22.6	27.2	44.4	44.9
Development	39.0	53.7	43.3	44.6
Conduct of R&D	61.6	80.9	87.6	89.5
R&D Facilities	2.9	3.4	5.2	5.0
Total R&D	64.5	84.3	92.8	94.5

Source: OMB data for R&D for FY 2002, agency budget justifications, agency documents, *AAAS Report XVI* (1991), and *AAAS Report VI* (1981).

Constant dollar conversions based on OMB's GDP deflators.

See Appendix 2 for definitions of terms.

Please see Chapter 3 for a discussion of this table.