

Table I-5. R&amp;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 2005	% Share of Total		
	Actual	Actual	Actual	Budget	1980	1990	2005
Basic Research	4.7	11.3	22.0	<b>26.8</b>	14.2%	17.0%	20.3%
Applied Research	6.9	10.2	21.4	<b>28.9</b>	20.8%	15.3%	21.9%
Total Research	11.6	21.5	43.5	<b>55.7</b>	35.0%	32.3%	42.2%
Development	20.0	42.3	42.8	<b>71.4</b>	60.4%	63.7%	54.1%
Conduct of R&D	31.6	63.8	86.3	<b>127.1</b>	95.5%	96.0%	96.3%
R&D Facilities	1.5	2.6	5.1	<b>4.8</b>	4.5%	4.0%	3.7%
<b>Total R&amp;D</b>	33.1	66.4	91.4	<b>132.0</b>	100.0%	100.0%	100.0%

**Constant FY 2004 Dollars**

Basic Research	9.5	14.9	23.6	26.5
Applied Research	13.9	13.5	23.0	28.5
Total Research	23.4	28.3	46.6	55.0
Development	40.4	55.9	45.9	70.6
Conduct of R&D	63.8	84.2	92.6	125.6
R&D Facilities	3.0	3.5	5.4	4.8
<b>Total R&amp;D</b>	66.8	87.7	98.0	130.3

Source: OMB data for R&D for FY 2005, agency budget justifications, agency documents, *AAAS Report XXVI* (2001), *AAAS Report XVI* (1991), and *AAAS Report VI* (1981). Constant dollar conversions based on OMB's GDP deflators.