

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 2001	% Share of Total		
	Actual	Actual	Estimate	Budget	1980	1990	2001
Basic Research	4.7	11.3	19.0	<b>20.3</b>	14.2%	17.0%	23.7%
Applied Research	6.9	10.2	17.6	<b>18.4</b>	20.8%	15.3%	21.5%
<b>Total Research</b>	<b>11.6</b>	<b>21.5</b>	<b>36.5</b>	<b>38.6</b>	<b>35.0%</b>	<b>32.3%</b>	<b>45.2%</b>
Development	20.0	42.3	44.4	<b>44.3</b>	60.4%	63.7%	51.9%
Conduct of R&D	31.6	63.8	80.9	<b>82.9</b>	95.5%	96.0%	97.1%
R&D Facilities	1.5	2.6	2.4	<b>2.5</b>	4.5%	4.0%	2.9%
<b>Total R&amp;D</b>	<b>33.1</b>	<b>66.4</b>	<b>83.3</b>	<b>85.4</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

**Constant FY 2000 Dollars**

Basic Research	8.8	13.8	19.0	19.9
Applied Research	13.0	12.5	17.6	18.0
<b>Total Research</b>	<b>21.8</b>	<b>26.3</b>	<b>36.5</b>	<b>37.9</b>
Development	37.6	51.9	44.4	43.4
Conduct of R&D	59.4	78.3	80.9	81.3
R&D Facilities	2.8	3.2	2.4	2.4
<b>Total R&amp;D</b>	<b>62.2</b>	<b>81.5</b>	<b>83.3</b>	<b>83.8</b>

Source: OMB data for R&D for FY 2001, 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 4 for a discussion of this table.**