

Table I-6. Defense and Nondefense R&D by Character of Work

**Table I-6.** Defense and Nondefense R&D by Character of Work  
(budget authority in millions of dollars)

	FY 2002 Actual	FY 2003 Estimate	<b>FY 2004 Budget</b>	% Change FY 03-04	Distribution % '04 Total
<b>Basic Research</b>					
Defense	1,404	1,475	<b>1,354</b>	-8.3%	1.1%
Nondefense	22,444	24,572	<b>25,507</b>	3.8%	20.8%
Total Basic	23,848	26,048	<b>26,861</b>	3.1%	21.9%
<b>Applied Research</b>					
Defense	6,548	6,866	<b>6,137</b>	-10.6%	5.0%
Nondefense	17,860	20,012	<b>20,733</b>	3.6%	16.9%
Total Applied	24,407	26,878	<b>26,870</b>	0.0%	21.9%
<b>Development</b>					
Defense	45,065	54,024	<b>59,344</b>	9.8%	48.5%
Nondefense	4,347	4,576	<b>4,939</b>	7.9%	4.0%
Total Dev.	49,412	58,599	<b>64,284</b>	9.7%	52.5%
<b>Total Conduct of R&amp;D</b>					
Defense	53,016	62,365	<b>66,835</b>	7.2%	54.6%
Nondefense	44,651	49,159	<b>51,179</b>	4.1%	41.8%
Total Conduct	97,667	111,524	<b>118,014</b>	5.8%	96.3%
<b>R&amp;D Facilities and Capital Equipment</b>					
Defense	715	621	<b>680</b>	9.6%	0.6%
Nondefense	4,717	5,152	<b>3,791</b>	-26.4%	3.1%
Total R&D Facils.	5,432	5,772	<b>4,471</b>	-22.5%	3.7%
<b>Total R&amp;D</b>					
Defense	53,731	62,986	<b>67,515</b>	7.2%	55.1%
Nondefense	49,368	54,311	<b>54,970</b>	1.2%	44.9%
<b>Total R&amp;D</b>	103,100	117,297	<b>122,485</b>	4.4%	100.0%

Source: OMB data for R&D and agency budget justifications.

See Appendix 2 for definitions of terms.

All figures rounded to the nearest million. Changes calculated from unrounded figures.

Defense includes Dept. of Defense and defense programs in DOE and DHS.

**FY 2003 figures revised with AAAS estimates of final FY 2003 appropriations.**

**Please see Chapter 3 for a discussion of this table.**