

Table I-5. Defense and Nondefense R&amp;D by Character of Work

**Table I-5.** Defense and Nondefense R&D by Character of Work  
(budget authority in millions of dollars)

	FY 2005 Actual	FY 2006 Estimate	FY 2007 Budget	% Change FY 06-07	Distribution % '07 Total
Basic Research					
Defense	1,508	1,502	<b>1,456</b>	-3.0%	1.1%
Nondefense	26,170	26,332	<b>26,746</b>	1.6%	19.5%
Total Basic	27,678	27,834	<b>28,202</b>	1.3%	20.6%
Applied Research					
Defense	7,835	8,085	<b>6,889</b>	-14.8%	5.0%
Nondefense	20,999	20,730	<b>19,773</b>	-4.6%	14.4%
Total Applied	28,834	28,815	<b>26,662</b>	-7.5%	19.5%
Development					
Defense	64,704	66,567	<b>69,436</b>	4.3%	50.7%
Nondefense	5,406	6,901	<b>8,314</b>	20.5%	6.1%
Total Dev.	70,109	73,468	<b>77,749</b>	5.8%	56.8%
Total Conduct of R&D (basic and applied research + development)					
Defense	74,047	76,154	<b>77,781</b>	2.1%	56.8%
Nondefense	52,574	53,963	<b>54,832</b>	1.6%	40.1%
Total Conduct	126,621	130,117	<b>132,613</b>	1.9%	96.9%
R&D Facilities and Capital Equipment					
Defense	594	745	<b>607</b>	-18.6%	0.4%
Nondefense	4,074	3,602	<b>3,665</b>	1.7%	2.7%
Total R&D Facils.	4,668	4,348	<b>4,272</b>	-1.7%	3.1%
Total R&D					
Defense	74,641	76,900	<b>78,388</b>	1.9%	57.3%
Nondefense	56,648	57,565	<b>58,498</b>	1.6%	42.7%
<b>Total R&amp;D</b>	131,289	134,465	<b>136,885</b>	1.8%	100.0%

Source: AAAS based on 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.

**Please see Chapter 1 for a discussion of this table.**

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