

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

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(budget authority in millions of dollars)

| | FY 2003 Actual | FY 2004 Estimate | FY 2005 Budget | % Change FY 04-05 | Distribution % '05 Total |
|--|-------------------|---------------------|-------------------|----------------------|-----------------------------|
| Basic Research | | | | | |
| Defense | 1,409 | 1,420 | 1,394 | -1.8% | 1.1% |
| Nondefense | 23,914 | 25,132 | 25,431 | 1.2% | 19.3% |
| Total Basic | 25,323 | 26,552 | 26,825 | 1.0% | 20.3% |
| Applied Research | | | | | |
| Defense | 6,859 | 7,251 | 6,558 | -9.6% | 5.0% |
| Nondefense | 20,607 | 21,782 | 22,319 | 2.5% | 16.9% |
| Total Applied | 27,466 | 29,033 | 28,876 | -0.5% | 21.9% |
| Development | | | | | |
| Defense | 54,780 | 61,181 | 66,207 | 8.2% | 50.2% |
| Nondefense | 5,029 | 5,334 | 5,234 | -1.9% | 4.0% |
| Total Dev. | 59,809 | 66,514 | 71,442 | 7.4% | 54.1% |
| Total Conduct of R&D (basic and applied research + development) | | | | | |
| Defense | 63,048 | 69,852 | 74,159 | 6.2% | 56.2% |
| Nondefense | 49,550 | 52,248 | 52,984 | 1.4% | 40.2% |
| Total Conduct | 112,599 | 122,100 | 127,143 | 4.1% | 96.3% |
| R&D Facilities and Capital Equipment | | | | | |
| Defense | 659 | 649 | 509 | -21.5% | 0.4% |
| Nondefense | 4,863 | 3,758 | 4,309 | 14.7% | 3.3% |
| Total R&D Facils. | 5,522 | 4,407 | 4,818 | 9.3% | 3.7% |
| Total R&D | | | | | |
| Defense | 63,708 | 70,501 | 74,668 | 5.9% | 56.6% |
| Nondefense | 54,413 | 56,005 | 57,293 | 2.3% | 43.4% |
| Total R&D | 118,120 | 126,507 | 131,961 | 4.3% | 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 3 for a discussion of this table.