

**AAAS Analysis. Outyear Projections for Defense R&D in the FY 2007 Budget**

(all figures in millions of dollars budget authority)

**REVISED - April 20, 2006**

| Agency/Program                   | KEY      | R&D<br>FY 2006<br>Estimate* | R&D<br>FY 2007<br>Budget* | R&D<br>FY 2008<br>Projected | R&D<br>FY 2009<br>Projected | R&D<br>FY 2010<br>Projected | R&D<br>FY 2011<br>Projected | % change<br>2006-2011 | constant \$<br>% change<br>2006-2011 |
|----------------------------------|----------|-----------------------------|---------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------|--------------------------------------|
| DOD Basic Research ("6.1") **    | **       | 1,470                       | 1,422                     | 1,421                       | 1,463                       | 1,497                       | 1,543                       | 5.0%                  | -5.6%                                |
| DOD Applied Res. ("6.2") **      | **       | 5,168                       | 4,478                     | 4,411                       | 4,529                       | 4,556                       | 4,450                       | -13.9%                | -22.6%                               |
| Medical Research                 | 3        | 537                         | 131                       | 131                         | 131                         | 131                         | 131                         | -75.7%                | -78.1%                               |
| All Other DOD R&D                | 1        | 65,310                      | 68,045                    | 69,064                      | 69,651                      | 67,679                      | 65,111                      | -0.3%                 | -10.3%                               |
| <b>Total DOD R&amp;D</b>         | <b>1</b> | <b>72,485</b>               | <b>74,076</b>             | <b>75,027</b>               | <b>75,773</b>               | <b>73,862</b>               | <b>71,234</b>               | <b>-1.7%</b>          | <b>-11.6%</b>                        |
| DOE Weapons Activities           | 2        | 2,959                       | 2,908                     | 2,966                       | 3,026                       | 3,086                       | 3,148                       | 6.4%                  | -4.3%                                |
| DOE Naval Reactors               | 2        | 759                         | 771                       | 787                         | 802                         | 819                         | 835                         | 10.0%                 | -1.0%                                |
| DOE Env. Mngmt. R&D              | 3        | 19                          | 20                        | 20                          | 20                          | 20                          | 20                          | 5.3%                  | -5.3%                                |
| DOE Nonprolif. and Verif.        | 2        | 322                         | 272                       | 278                         | 283                         | 289                         | 295                         | -8.5%                 | -17.7%                               |
| Other DOE defense R&D            | 3        | 3                           | 4                         | 4                           | 4                           | 4                           | 4                           | 33.3%                 | 19.9%                                |
| <b>Total DOE defense R&amp;D</b> |          | <b>4,062</b>                | <b>3,975</b>              | <b>4,054</b>                | <b>4,135</b>                | <b>4,217</b>                | <b>4,301</b>                | <b>5.9%</b>           | <b>-4.8%</b>                         |
| <b>Total DHS defense R&amp;D</b> | <b>2</b> | <b>353</b>                  | <b>337</b>                | <b>354</b>                  | <b>372</b>                  | <b>390</b>                  | <b>410</b>                  | <b>16.1%</b>          | <b>4.5%</b>                          |
| <b>TOTAL DEFENSE R&amp;D</b>     |          | <b>76,900</b>               | <b>78,388</b>             | <b>79,434</b>               | <b>80,280</b>               | <b>78,469</b>               | <b>75,946</b>               | <b>-1.2%</b>          | <b>-11.2%</b>                        |

Data from *Budget of the United States Government for Fiscal Year 2007* OMB budget projections to FY 2011 and agency budget documents.

Percentage changes in right column adjusted for inflation according to GDP deflators (see below).

\* - Source: estimates of R&D in the forthcoming *AAAS Report XXXI: Research and Development FY 2007*.

\*\* - Basic and applied research projections based on individual program projections from R-2 documents.

1 = Based on outyear projections for RDT&E, which accounts for 98 percent of total DOD R&D.

2 = Based on specific outyear projections for account in DOE and DHS budget justifications, assuming R&D as percent of account remains constant at the FY 2007 ratio.

3 = Not specifically mentioned in outyear projections; assumes freeze at FY 2007 requested level.

|           | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2006-2011 |
|-----------|--------|--------|--------|--------|--------|--------|-----------|
| Deflators | 1.0000 | 1.0220 | 1.0441 | 1.0661 | 1.0885 | 1.1117 | 1.1117    |

deflators from OMB, *Budget of the United States Government FY 2007* Historical Tables 10.1.

Annual projected inflation

|                             |       |       |       |       |       |
|-----------------------------|-------|-------|-------|-------|-------|
| (change from previous year) | 2.20% | 2.17% | 2.11% | 2.09% | 2.14% |
|-----------------------------|-------|-------|-------|-------|-------|