

Table II-14. Department of Commerce R&amp;D

**Table II-14.** R&D in the Department of Commerce  
(budget authority in millions of dollars)

|   | FY 2003<br>Actual | FY 2004<br>Estimate | FY 2005<br>Budget | Change FY 04-05<br>Amount Percent |         |
|---|-------------------|---------------------|-------------------|-----------------------------------|---------|
| National Oceanic and Atmospheric Administration (NOAA - Non R&D excluded)           |                   |                     |                   |                                   |         |
| Total NOAA R&D  | 666               | 632                 | <b>611</b>        | -21                               | -3.3%   |
| National Institute of Standards and Technology (NIST - Non-R&D components excluded) |                   |                     |                   |                                   |         |
| 1. Scientific and Technical Research and Services (STRS)                            |                   |                     |                   |                                   |         |
| NIST Laboratories   |                   |                     |                   |                                   |         |
| Electronics & Elec. Eng.  | 45                | 42                  | <b>52</b>         | 10                                | 24.4%   |
| Manufacturing Engineering   | 21                | 20                  | <b>29</b>         | 9                                 | 42.2%   |
| Chemical Sci. and Tech.   | 40                | 41                  | <b>48</b>         | 6                                 | 15.6%   |
| Physics   | 34                | 35                  | <b>38</b>         | 3                                 | 8.1%    |
| Materials Science and Eng.  | 56                | 52                  | <b>61</b>         | 10                                | 18.5%   |
| Building and Fire Research  | 21                | 21                  | <b>23</b>         | 2                                 | 11.0%   |
| Computer Sci./ Applied Math.  | 47                | 43                  | <b>51</b>         | 8                                 | 18.8%   |
| Technology Assistance   | 4                 | 3                   | <b>3</b>          | 0                                 | 2.2%    |
| Research Support Activities   | 33                | 25                  | <b>61</b>         | 36                                | 143.7%  |
| Total STRS R&D  | 301               | 283                 | <b>367</b>        | 84                                | 29.8%   |
| 2. Industrial Technology Services   |                   |                     |                   |                                   |         |
| Advanced Tech. Program  | 148               | 145                 | <b>0</b>          | -145                              | -100.0% |
| <i>Manuf. Exten. Part. (Non-R&amp;D)</i>  | 106               | 39                  | <b>39</b>         | 0                                 | 1.2%    |
| 3. Construction *   |                   |                     |                   |                                   |         |
|   | 43                | 43                  | <b>59</b>         | 16                                | 36.6%   |
| Total NIST R&D  | 492               | 471                 | <b>426</b>        | -45                               | -9.5%   |
| Dept. Administration  | 1                 | 1                   | <b>1</b>          | 0                                 | 0.0%    |
| Nat'l Telecomm. & Info. Admin.  | 20                | 18                  | <b>10</b>         | -8                                | -44.4%  |
| - <i>Telecommunication Sci. Res.</i>  | 6                 | 6                   | <b>10</b>         | 4                                 | 66.7%   |
| - <i>Tech. Opportunity Grants</i>   | 14                | 12                  | <b>0</b>          | -12                               | -100.0% |
| Bureau of the Census  | 21                | 23                  | <b>26</b>         | 3                                 | 13.0%   |
| Economic Development Admin.   | 1                 | 1                   | <b>1</b>          | 0                                 | 0.0%    |
| <b>Total Commerce R&amp;D</b>   | 1,201             | 1,146               | <b>1,075</b>      | -71                               | -6.2%   |

Source: OMB data for R&amp;D, NOAA and NIST R&amp;D documents, and agency documents.

\* - Excludes congressional earmarks of \$28 mil. (2003) and \$21 mil. (2004).

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

**REVISED February 18, 2004 - will be revised with detailed NOAA data.****Please see Chapter 13 for a discussion of Commerce R&D.**