

Technology Administration

The Technology Administration (TA) works to promote national policies and initiatives that maximize technology's contribution to U.S. economic growth. Led by the Under Secretary for Technology (TA/US), TA fulfills its broad responsibilities through its component organizations: the National Institute of Standards and Technology (NIST) and the National Technical Information Service (NTIS).

Technological innovation has evolved to a point where it plays a critical role in competitiveness across our entire economy, rather than taking place in an isolated sector unto itself. In keeping with this evolution, the FY 2008 Budget proposes to modernize the Department's approach to technology policy by elevating technology policy activities to the Secretarial level. In place of a stand-alone Technology Administration, the Budget proposes to appoint a senior advisor in the Department's Office of Policy and Strategic Planning, and to create a Department-wide Technology Council that will coordinate technology policy activities that are distributed across the Department. Under this proposal, NIST would report directly to the Department, and NTIS would report to the Department through NIST.

Summary of Appropriations

| <u>Funding Levels</u> | 2006 <u>Actual</u> | 2007 <u>Estimate</u> | 2008 <u>Estimate</u> | Increase <u>(Decrease)</u> |
|--|-----------------------|-------------------------|-------------------------|-------------------------------|
| Under Secretary for Technology | \$5,923 | \$2,000 | \$1,557 | (\$443) |
| National Institute of Standards and Technology | 752,037 | 555,054 | 640,714 | 85,660 |
| National Technical Information Service | 0 | 0 | 0 | 0 |
| <u>FTE</u> | | | | |
| Under Secretary for Technology | 14 | 7 | 2 | (5) |
| National Institute of Standards and Technology | 2,738 | 2,793 | 2,906 | 113 |
| National Technical Information Service | 144 | 200 | 200 | 0 |

Descriptions of TA/US, NIST, and NTIS, as well as more detailed summaries of the President's FY 2008 Budget requests for them, appear in separate sections for each of those organizations.

TA Performance Measures

The activities under the TA accounts support two of the Department's strategic goals: 1) provide the information and tools to maximize U.S. competitiveness and enable economic growth for American industries, workers, and consumers; and 2) foster science and technological leadership by protecting intellectual property, enhancing technical standards, and advancing measurement science.

NIST will focus on two performance goals. One covers the activities of the NIST laboratory program and the other covers the Hollings Manufacturing Extension Partnership.

NTIS's focus is on the following performance goal: Enhance public access to worldwide scientific and technical information through improved acquisition and dissemination activities.

The following table shows the measures that TA uses to gauge its performance. A more detailed description of these goals and measures is in the TA section of the Department of Commerce budget.

Performance Goals and Measures

(Dollars reflect obligations in Millions)

| | 2006 Actual | 2007 Estimate / Target | 2008 Estimate / Target |
|---|---------------------|---------------------------|---------------------------|
| NIST-Goal 1: Promote innovation, facilitate trade, and ensure public safety and security by strengthening the nation's measurement and standards infrastructure. | \$762.2 | \$649.7 | \$740.8 |
| Qualitative assessment and review of technical quality and merit using peer review | <i>Completed</i> | <i>To complete</i> | <i>To complete</i> |
| Peer reviewed technical publications | 1,163 | 1,100 | 1,100 |
| Citation impact of NIST-authored publications | <i>New</i> | >1.1 | >1.1 |
| Standard reference materials sold | 31,195 | 30,000 | 30,000 |
| NIST maintained datasets downloaded | 94,000,000 | 80,000,000 | 85,000,000 |
| Number of calibration tests performed | 13,127 | 12,000 | 12,000 |
| NIST-Goal 2: Raise the productivity and competitiveness of small manufacturers.¹ | \$111.9 | \$95.4 | \$46.4 |
| Number of clients served by MEP centers receiving Federal funding | <i>Avail. 12/07</i> | 8,183 | 6,879 |
| Increased sales attributed to MEP centers receiving Federal funding | <i>Avail. 12/07</i> | \$291 M | \$244 M |
| Capital investment attributed to centers receiving Federal funding | <i>Avail. 12/07</i> | \$364 M | \$306 M |
| Cost savings attributed to MEP centers receiving Federal funding | <i>Avail. 12/07</i> | \$199 M | \$167 M |
| NIST-Advanced Technology Program² | \$72.7 | \$25.8 | \$6.2 |
| NTIS-Goal: Increase public access to worldwide scientific and technical information through improved acquisition and dissemination activities. | \$27.2 | \$51.1 | \$41.5 |
| Number of updated items available (annual) | 673,807 | 665,000 | 675,000 |
| Number of information products disseminated (annual) | 30,616,338 | 27,100,000 | 27,250,000 |
| Customer satisfaction | 98% | 95% - 98% | 95% - 98% |
| Total | \$973.9 | \$822.0 | \$834.8 |

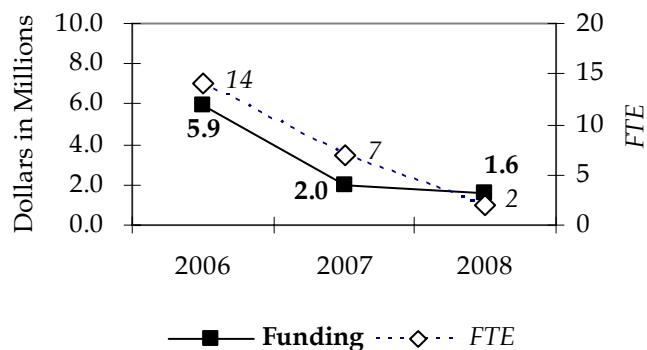
¹ FY 2007 and FY 2008 targets are based on an appropriation of \$46.3M each year.

² The performance goal for ATP was discontinued due to the phase-out of this program in FY 2007.

Under Secretary for Technology

The Under Secretary for Technology (TA/US) provides policy guidance to the Secretary of Commerce and the Technology Administration's component agencies (NIST and NTIS). The Under Secretary serves on the Executive Committee of the Committee on Technology within the President's National Science and Technology Council, coordinates the civilian technology efforts of Federal agencies, and helps to shape Federal civilian R&D priorities based upon the needs of industry. The Under Secretary also provides counsel to the Secretary of Commerce on all matters affecting innovation and coordinates with counterpart offices in the trade and economic agencies to create unified, integrated trade and technology policies.

Salaries and Expenses Appropriation and FTE



The FY 2008 Budget proposes to modernize the Department's approach to technology policy by elevating technology policy activities to the Secretarial level.

Summary of Appropriations

Funding Levels

| | 2006 <u>Actual</u> | 2007 <u>Estimate</u> | 2008 <u>Estimate</u> | Increase (Decrease) |
|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|
| Appropriation | | | | |
| Salaries and Expenses | \$5,923 | \$2,000 | \$1,557 | (\$443) |
| FTE | | | | |
| Salaries and Expenses | 14 | 7 | 2 | (5) |
| Reimbursable | 0 | 0 | 0 | 0 |
| Total | 14 | 7 | 2 | (5) |

Highlights of Budget Changes

Appropriation: Salaries and Expenses

Summary of Requirements

| | <u>Detailed</u> | | <u>Summary</u> | |
|---|-----------------|---------------|----------------|---------------|
| | <u>FTE</u> | <u>Amount</u> | <u>FTE</u> | <u>Amount</u> |
| 2007 Continuing Resolution | | | 7 | \$2,000 |
| Adjustment to support level in 2007 President's Budget | | | (2) | (515) |
| Adjustments to Base | | | | |
| <u>Other Changes</u> | | | | |
| 2007 Pay raise | | \$20 | | |
| 2008 Pay raise | | 14 | | |
| Payment to the Working Capital Fund | | 8 | | |
| Change in compensable days | | 5 | | |
| Civil Service Retirement System (CSRS) | | 3 | | |
| Federal Employees' Retirement System (FERS) | | (4) | | |
| Thrift Savings Plan | | (1) | | |
| Federal Insurance Contributions Act (FICA) - OASDI | | (3) | | |
| Health insurance | | 4 | | |
| Rent payments to GSA | | 2 | | |
| Other services: Working Capital Fund | | 35 | | |
| General pricing level adjustment: | | | | |
| Other services | | 6 | | |
| Subtotal, other cost changes | | | 0 | 89 |
| Less Amount Absorbed* | | | 0 | (81) |
| TOTAL, ADJUSTMENTS TO BASE | | | 0 | 8 |
| 2008 Base | | | 5 | 1,493 |
| Program Changes | | | (3) | 64 |
| 2008 APPROPRIATION | | | 2 | 1,557 |

*TA/US will absorb \$81,000 of adjustments-to-base through reductions in all applicable object classes.

Comparison by Activity

| | 2007 Continuing Resol. | | 2008 Base | | 2008 Estimate | | Increase / Decrease | |
|----------------------------------|------------------------|---------------|------------|---------------|---------------|---------------|---------------------|---------------|
| | <u>FTE</u> | <u>Amount</u> | <u>FTE</u> | <u>Amount</u> | <u>FTE</u> | <u>Amount</u> | <u>FTE</u> | <u>Amount</u> |
| DIRECT OBLIGATIONS | | | | | | | | |
| Under Secretary for Technology | 7 | \$2,000 | 5 | \$1,493 | 2 | \$1,381 | (3) | (\$112) |
| TOTAL DIRECT OBLIGATIONS | 7 | 2,000 | 5 | 1,493 | 2 | 1,381 | (3) | (112) |
| REIMBURSABLE OBLIGATIONS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL OBLIGATIONS | 7 | 2,000 | 5 | 1,493 | 2 | 1,381 | (3) | (112) |
| FINANCING | | | | | | | | |
| Unobligated balance, end of year | 0 | 0 | | | 0 | 176 | 0 | 176 |
| TOTAL BUDGET AUTHORITY | 7 | 2,000 | | | 2 | 1,557 | (3) | 64 |

Highlights of Program Changes

| | <u>Base</u> | | <u>Increase / Decrease</u> | |
|--------------------------------|-------------|---------------|----------------------------|---------------|
| | <u>FTE</u> | <u>Amount</u> | <u>FTE</u> | <u>Amount</u> |
| Under Secretary for Technology | 5 | \$1,493 | -3 | +\$64 |

Sufficient funding is requested for the orderly shutdown of TA/US. These funds will be available for two years, to cover personnel and other costs in FY 2008 and FY 2009. The policy activities of TA/US will be elevated to the Secretarial level.