

**Taken from FY 2004 House Report 108-221**

**FY 2004 CJS Appropriations Bill...**

**NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY**

The Committee includes \$460,059,000 for the National Institute of Standards and Technology (NIST) for fiscal year 2004, which is \$247,446,000 below the current year and \$6,759,000 below the request.

**SCIENTIFIC AND TECHNICAL RESEARCH AND SERVICES**

The Committee recommendation includes \$357,862,000 for the Scientific and Technical Research and Services (core programs) of the National Institute of Standards and Technology, which is \$787,000 above the current year, and \$21,987,000 below the request. The following is a breakdown of the amounts provided under this account by activity.

	<b>Fiscal year 2004 Recommendation</b>
Electronics & Electrical	45,731
Manufacturing Engineering	21,811
Chemical	42,324
Physics	42,950
Building and Fire Research	18,142
Materials Science & Engineering	56,532
Computer & Applied Mathematics	53,247
Technology Assistance	17,679
Baldrige & Other Awards	5,205
Research Support	54,241
<b>Total, STRS</b>	<b>357,862</b>

Under the Building and Fire Research heading, the recommendation includes \$2,000,000 for research efforts related to homeland security standards.

Under the Computer and Applied Mathematics heading, the recommendation includes \$1,000,000 to provide standard methods for measurement of the accuracy of biometric identification systems in compliance with the USA PATRIOT Act of 2001, as proposed. Under the Chemical Program heading, the recommendation includes \$1,000,000 to provide the advanced measurements, standards, and data that health care providers and researchers need to improve health care quality, as proposed.

Under the Physics heading, \$750,000 is for the necessary critical back-up elements for NIST time scale and time dissemination services; \$1,450,000 is for research to develop measurements and standards for nanotechnology-based products, including

semiconductors; \$2,000,000 is for research to strengthen radiation measurements for nuclear and radiological detection capabilities; and \$1,500,000 is for research to improve measurements in the development of quantum information technology with applications to homeland security.

In addition, under the Research Support heading, the recommendation continues funding of \$2,400,000 for a telework project, and \$6,500,000 is for a certain critical infrastructure program.

The recommendation does not include a requested increase to the amount to be transferred to the working capital fund.

## **INDUSTRIAL TECHNOLOGY SERVICES**

The Committee recommendation includes \$39,607,000 for the Industrial Technology Services appropriation of the National Institute of Standards and Technology, which is the same as the request and \$245,153,000 below the current year.

*Manufacturing Extension Partnership (MEP) Program.*--Recent economic downturns have had a devastating effect on the manufacturing sector. In an effort to ameliorate some of these negative effects, the Committee recommendation includes \$39,607,000 for this program in fiscal year 2004, which is \$27,007,000 above the request and \$66,393,000 below the amount in the current year. Federal support for the MEP program, combined with State and private sector funding, have translated into more jobs, more tax revenue, more exports, and a more secure supply source of consumer and defense goods in this country. The Committee understands that NIST has requested the National Association of Public Administration (NAPA) to conduct a study on the continued requirements of the MEP program.

*Advanced Technology Program.*--The Committee does not include funding for this program.

## **CONSTRUCTION OF RESEARCH FACILITIES**

The Committee recommendation includes \$62,590,000 for the construction and major renovations of the NIST campuses at Boulder, Colorado, and Gaithersburg, Maryland. The Committee directs NIST to report to the Committees on Appropriations on the progress of these construction projects on a quarterly basis beginning with the second quarter of fiscal year 2004.

This account supports all NIST activities by providing state of the art facilities necessary to carry out the NIST mission.