

## PARTICIPATING ADMINISTRATIONS AND OCCUPATIONS

<b>PARTICIPATING ADMINISTRATIONS</b>	
<b>Administration</b>	<b>Organization</b>
Technology Administration (TA)	<ul style="list-style-type: none"> <li>• Office of the Under Secretary</li> <li>• Office of Technology Policy (OTP)</li> </ul>
Economics and Statistics Administration (ESA)	<ul style="list-style-type: none"> <li>• Bureau of Economic Analysis (BEA)</li> </ul>
National Telecommunications and Information Administration (NTIA)	<ul style="list-style-type: none"> <li>• Institute for Telecommunication Sciences (ITS)</li> </ul>
National Oceanic and Atmospheric Administration (NOAA)	<ul style="list-style-type: none"> <li>• Units of the Office of Oceanic and Atmospheric Research (OAR)</li> <li>• Units of the National Environmental Satellite, Data, and Information Service (NESDIS)</li> <li>• Units of the National Marine Fisheries Service (NMFS)</li> </ul>

<b>ORGANIZATIONAL MISSIONS</b>	
<b>Administration/Organization</b>	<b>Mission</b>
<b>Technology Administration (TA)</b> <ul style="list-style-type: none"> <li>• Office of the Under Secretary</li> <li>• Office of Technology Policy (OTP)</li> </ul>	<p><b>The Technology Administration (TA) is the only Federal agency working to maximize technology's contribution to America's economic growth.</b></p> <p>The Office of the Under Secretary is responsible for management of TA agencies.</p> <p>The Office of Technology Policy (OTP) is the only office in the Federal Government with the explicit mission of developing and advocating national policies that use technology to build America's economic strength.</p>
<b>Economics and Statistics Administration (ESA)</b> <ul style="list-style-type: none"> <li>• Bureau of Economic Analysis (BEA)</li> </ul>	<p><b>Much of the statistical, economic, and demographic information collected by the Federal Government is made available to the public through the bureaus and offices of the Department of Commerce that are known collectively as the Economics and Statistics Administration (ESA).</b></p> <p>The Bureau of Economic Analysis (BEA) is the Nation's accountant, integrating and interpreting a tremendous volume of data to draw a complete and consistent picture of the U.S. economy. BEA's economic accounts—national, regional, and international—provide information on such key issues as economic growth, regional development, and the Nation's position in the world economy.</p>

<b>ORGANIZATIONAL MISSIONS</b>	
<b>Administration/Organization</b>	<b>Mission</b>
<p><b>National Telecommunications and Information Administration (NTIA)</b></p> <ul style="list-style-type: none"> <li>• Institute for Telecommunication Sciences (ITS)</li> </ul>	<p><b>The National Telecommunications and Information Administration (NTIA), an agency of the U.S. Department of Commerce, is the Executive Branch's principal voice on domestic and international telecommunications and information technology issues. NTIA works to spur innovation, encourage competition, help create jobs and provide consumers with more choices and better quality telecommunications products and services at lower prices. In fulfilling this responsibility, NTIA is providing greater access for all Americans, championing greater foreign market access, and creating new opportunities with technology</b></p> <p>The Institute for Telecommunication Sciences is the chief research and engineering arm of the National Telecommunications and Information Administration (NTIA). ITS supports such NTIA telecommunications objectives as promotion of advanced telecommunications and information infrastructure development in the United States, enhancement of domestic competitiveness, improvement of foreign trade opportunities for U.S. telecommunications firms, and facilitation of more efficient and effective use of the radio spectrum.</p>
<p><b>National Oceanic and Atmospheric Administration (NOAA)</b></p> <ul style="list-style-type: none"> <li>• Units of the Office of Oceanic and Atmospheric Research (OAR)</li> <li>• Units of the National Environmental Satellite, Data, and Information Service (NESDIS)</li> <li>• Units of the National Marine Fisheries Service (NMFS)</li> </ul>	<p><b>NOAA's mission is to describe and predict changes in the Earth's environment and to conserve and manage wisely the Nation's coastal and marine resources.</b></p> <p>The Office of Oceanic and Atmospheric Research, the primary research arm of NOAA, conducts and directs research in atmospheric, coastal, marine, and space sciences through its own laboratories and programs, and through networks of university-based programs.</p> <p>NESDIS operates NOAA's satellites and ground facilities; collects, processes and distributes remotely sensed data; conducts studies, plans new systems, and carries out the engineering required to develop and implement new or modified satellite systems; carries out research and development on satellite products and services; provides ocean data management and services to researchers and other users; and acquires, stores, and disseminates worldwide data related to solid earth geophysics, solar terrestrial physics, and marine geology and geophysics.</p> <p>NMFS administers NOAA's programs which support the domestic and international conservation and management of living marine resources. NMFS provides services and products to support domestic and international fisheries management operations, fisheries development, trade and industry assistance activities, enforcement, protected species and habitat conservation operations, and the scientific and technical aspects of NOAA's marine fisheries program.</p>

<b>DEMONSTRATION GROUP PARTICIPANTS</b>		
<b>Organization</b>	<b>Location(s)</b>	<b>Major Occupation(s)</b>
Office of the Under Secretary for Technology Administration Office of Technology Policy	Washington, DC	General Administration, Management Analyst, and General Business Specialist
Bureau of Economic Analysis (BEA)	Washington, DC	Economist, Accountant, Financial Administrator, Computer Specialist, Statistician, and Statistical Assistant
Institute for Telecommunication Sciences (ITS)	Boulder, CO	Electronics Engineer and Mathematician
Office of Oceanic and Atmospheric Research (OAR) and Environmental Research Laboratories (ERL)	Silver Spring, MD; Boulder, CO; Miami, FL; San Diego, CA; Seattle, WA; Barrow, AK; (selected sites)	Meteorologist, Physical Scientist, Physicist, Electronics Engineer, Computer Specialist, Electronics Technician, Physical Science Technician, and Mathematician
National Environmental Satellite, Data, and Information Service (NESDIS)	Suitland, MD; Fairbanks, AK; Asheville, NC;	Physical Scientist, meteorologist, Computer Specialist, Oceanographer, Physical Science Technician, Electronics Engineer, Engineering Technician, Geophysicist, and Mathematician
National Marine Fisheries Service (NMFS)	Gloucester, MA; St. Petersburg, FL; Long Beach, CA; Juneau, AK	Fish Biologist, Fish Administrator, Biologist, Microbiologist, and Biology Technician (primary). Chemist, Oceanographer, Wildlife Biologist, Computer Specialist, and General Business Specialist

<b>COMPARISON GROUP PARTICIPANTS</b>		
<b>Organization</b>	<b>Location(s)</b>	<b>Major Occupation(s)</b>
Office of Oceanic and Atmospheric Research (OAR) and Environmental Research Laboratories (ERL)	Ann Arbor, MI; Princeton, NJ; Seattle, WA	Meteorologist (primary). Physical Scientist, Physicist, Electronics Engineer, Computer Specialist, Electronics Technician, Physical Science Technician, and Mathematician
National Environmental Satellite, Data, and Information Service (NESDIS)	Wallops Island, VA	Physical Scientist, meteorologist, Computer Specialist, Oceanographer, Physical Science Technician, Electronics Engineer, Engineering Technician, Geophysicist, and Mathematician
National Marine Fisheries Service (NMFS)	Silver Spring, MD; Woods Hole, MA; Miami, FL; Seattle, WA; La Jolla, CA	Fish Biologist, Biologist, Microbiologist, and Biology Technician (primary). Chemist, Oceanographer, Wildlife Biologist, Computer Specialist, and General Business Specialist
Economics and Statistics Administration (headquarters)	Washington, DC	

## OCCUPATIONS INCLUDED

A total of 95 occupational categories are included in the Demonstration project. 27 of these categories were not tested by the NIST project, whereas 68 of these categories were. One of the goals of the project is to determine whether the interventions that worked for the occupational groups within NIST will work for other occupational groups. The following table shows the occupational categories relevant to the project.

<b>OCCUPATIONAL CATEGORIES INCLUDED IN THE DEPARTMENT OF COMMERCE DEMONSTRATION PROJECT</b>		
Social Scientist	Physical Science Student	Writer/Editor
Economist	Operations Research Analyst	Technical Writer/Editor
Sociologist *	Mathematician	Visual Information Specialist
Anthropologist *	Mathematical Statistician	General Business Specialist
Computer Specialist	Statistician	Trade Specialist
Biologist	Computer Scientist	Loan Specialist *
Microbiologist	Computer Operator	Librarian
Ecologist *	Radio Frequency Technician	Technical Information Specialist
Fish Administrator *	Biology Technician	Printing Manager
Fish Biologist *	Engineering Technician	Equipment Specialist
Wildlife Biologist *	Electronics Technician	Training Instructor *
Biological Science Student	Physical Science Technician	Instructional Systems Specialist *
Veterinary Medical Officer *	Meteorological Technician *	Environmental Protection Assistant *
General Engineer	Statistical Clerk/Assistant *	Miscellaneous Clerk/Assistant
Civil Engineer	Foreign Affairs Specialist *	Mail and File Clerk
Mechanical Engineer	International Relations Specialist *	Correspondence Clerk/Assistant
Electrical Engineer	Equal Employment Specialist	Secretary
Computer Engineer	Miscellaneous Administration	Clerk-Typist
Electronics Engineer	Program Manager	Office Automation Clerk/Assistant
Aerospace Engineer *	Administrative Officer	Computer Clerk/Assistant
Engineering Trainee	Support Services Specialist *	Management Clerk/Assistant
Physical Scientist	Management Analyst	Student Trainee
Physicist	Logistics Management Specialist *	Accounting Technician
Geophysicist *	Telecommunications Specialist	Budget Clerk/Assistant
Hydrologist *	Financial Administrator	Legal Instruments Examiner *
Chemist	Accountant	Editorial Clerk/Assistant
Astronomer	Budget Analyst	Trade Information/Financial Assistant *
Meteorologist *	Nurse *	Purchasing Agent
Geologist	Consumer Safety Specialist *	Library Technician
Oceanographer	Appeals Officer *	Supply Clerk/Assistant
Geodesist	General Arts and Information	Transportation Clerk/Assistant
Food Technologist *	Public Affairs Specialist	

\* indicates categories not tested by NIST