

R&D TO DEFEND AMERICA AGAINST 21ST CENTURY THREATS

Advanced technology is a key element of the President's efforts to ensure that our nation remains secure from the new threats we face in the 21st century. The President's FY2001 budget continues the Administration's strong support of research and development to counter emerging terrorist threats.

Weapons of Mass Destruction Preparedness

The President's budget provides \$590 million, a \$56 million increase, for Weapons of Mass Destruction Preparedness R&D. This funding will enhance our research and development efforts in preventing, detecting, and responding to the release of weapons of mass destruction, and to more effectively manage the health, environmental, and law enforcement consequences of such an incident should one ever occur.

Critical Infrastructure Protection

The budget also includes \$606 million, a \$145 million increase, for Critical Infrastructure Protection R&D to improve the safety and security of our nation's critical infrastructures – the power, communications, information, transportation, and other systems on which our economy, national security, and quality of life depend. Research and development represents 31 percent of the federal government's investment in protecting the nation's critical infrastructures.

CIP R&D Budget Summary

	FY 2000 (\$M)	FY 2001 (\$M)	Percent Change
Department of Agriculture	\$0	\$9	--
Department of Commerce	\$9.5	\$63.3	+566%
Department of Energy	\$3	\$14.8	+393%
Environmental Protection Agency	\$0	\$2	--
Health and Human Services	\$0	\$2	--
National Science Foundation	\$26	\$33	+27%
National Security	\$418.5	\$463.5	+11%
Department of Transportation	\$0	\$10.4	--
Department of the Treasury	\$3.9	\$8	+105%
Department of Veterans Affairs	\$.5	\$.3	-33%
TOTAL	\$461.4	\$606.3	+31%

Institute for Information Infrastructure Protection (I³P)

The President's program for Critical Infrastructure Protection R&D provides \$50 million to establish a new Institute for Information Infrastructure Protection (I³P). In today's Information Age, our critical infrastructures are dependent upon computer and information networks for their smooth, reliable, and continuous operations. This Institute, funded through the National Institute of Standards and Technology, will work collaboratively with industry and academia on key information infrastructure protection technologies, filling research and other key technology gaps that neither the private sector nor the government's national security community would otherwise address. Research work will be performed at existing institutions including private corporations, universities, and non-profit research institutes, engaging our nation's finest technical experts to address priority research areas.