

## Number of People Involved in NSF Activities

Many people are directly involved in NSF programs and activities, receiving salaries, stipends, or participant support. In addition, NSF programs indirectly impact many millions of people. These programs reach preK-12 students, preK-12 teachers, the general public and researchers through activities including workshops; informal science activities such as museums, television, videos, and journals; outreach efforts; and dissemination of improved curriculum and teaching methods. The FY 2006 decrease in the number of people involved in NSF activities largely reflects the phasing out and narrowing scope of a number of EHR programs and corresponding reductions in the EHR budget -- particularly efforts in Teacher Development, Instructional and Assessment Materials Development, and Course, Curriculum and Laboratory Improvement. These will result in fewer K-12 students and teachers supported, and an overall decrease in the estimated number of awards, which will result in fewer senior researchers, other professionals, postdoctoral associates, and undergraduate students supported by NSF.

**Number of People Involved in NSF Activities**

	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate
Senior Researchers	32,960	32,360	32,060
Other Professionals	14,190	12,190	11,850
Postdoctoral Associates	6,000	5,790	5,750
Graduate Students	27,230	27,130	27,470
Undergraduate Students	34,530	32,670	27,150
K-12 Students	14,320	10,820	7,320
K-12 Teachers	86,120	73,680	56,680
<b>Total Number of People</b>	<b>215,350</b>	<b>194,640</b>	<b>168,280</b>

**Senior Researchers** include scientists, mathematicians, engineers, and educators receiving funding through NSF awards. These include both researchers who are principal or co-principal investigators on research and education projects, and researchers working at NSF-supported centers and facilities.

**Other Professionals** are individuals who may or may not hold doctoral degrees or its equivalent, who are considered professionals, but are not reported as senior researchers, postdoctoral associates, or students. Examples are technicians, systems experts, etc.

**Postdoctoral Associates** are individuals who have received Ph.D., M.D., D.Sc., or equivalent degrees and who are not members of the faculty of the performing institution. Most of these postdoctoral associates are supported through funds included in research projects, centers or facilities awards. The balances are recipients of postdoctoral fellowships.

**Graduate Students** include students compensated from NSF grant funds. Some of these students receive support through programs such as the NSF Graduate Research Fellowships, Integrative Graduate Education and Research Traineeship Program (IGERT), and NSF Graduate Teaching Fellowships in K-12 Education. The balance assists senior researchers or postdoctoral associates in performing research, and are supported through funds included in research projects, centers, or facilities awards. NSF provides support for approximately five percent of the science and engineering graduate students in the U.S.

**Undergraduate Students** include students enrolled in technical colleges or baccalaureate programs compensated from NSF grant funds. They may either be assisting senior researchers or postdoctoral associates in performing research, or participating in NSF programs specifically aimed at undergraduate students, such as Research Experiences for Undergraduates and the Louis Stokes Alliances for Minority Participation.

**K-12 Students** are those attending elementary, middle, and secondary schools. They are supported through program components that directly engage students in science and mathematics experiences such as teacher and student development projects.

**K-12 Teachers** include teachers at elementary, middle, and secondary schools. These individuals actively participate in intensive professional development experiences in sciences and mathematics.