

TRAINING OCCUPATIONAL SAFETY AND HEALTH PROFESSIONALS

WHAT IS THE PUBLIC HEALTH ISSUE?

- In 2002, more than 4.7 million workers sustained work-related injuries and illnesses in the private sector alone, and an average of 15 workers died from work-related injuries each day.
- Efforts to prevent occupational illness and injury are hampered by the lack of trained safety and health professionals to meet the needs of a rapidly changing work environment and an increasingly diverse workforce.

WHAT HAS CDC ACCOMPLISHED?

CDC conducts a competitive training grant program aimed at increasing the number of professionals trained to work in the occupational safety and health field. CDC supports a network of 16 Education and Research Centers (ERCs) and 42 separate Training Project Grants (TPGs) around the country. These training programs produce about 600 professionals each year with specialized training in disciplines that include occupational medicine, occupational health nursing, industrial hygiene, occupational safety, and injury prevention. Because ERCs are regional, they can respond to various trends in the workplace throughout the country. ERCs and TPGs produce professionals who can protect workers in virtually every industrial sector.

Example of Program in Action

CDC estimates that about half of all U.S. occupational safety and health professionals graduate from CDC-supported programs at the masters and doctoral levels. About 80% of the professionals graduating from CDC-funded programs pursue careers in occupational safety and health.

WHAT ARE THE NEXT STEPS?

- Train occupational safety and health professionals to protect a diverse workforce in the face of rapid advances in science, medicine, and technology while still addressing age-old concerns (e.g., farming injuries, lead poisoning).
- Work to strengthen occupational safety and health training to nontraditional occupations and disciplines.
- Find new and effective methods of delivering training materials to professionals outside of the academic environment.