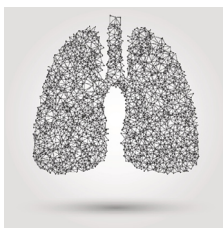


The **Respiratory Health Division (RHD)** is part of the **National Institute for Occupational Safety and Health (NIOSH)**. RHD conducts research and administers service programs to prevent work-related respiratory disease caused by hazardous occupational agents and to improve workers' respiratory health.



RHD provides national and international leadership in work-related respiratory health issues by generating new knowledge and transferring that knowledge into practice to benefit workers. The division's research includes

- Conducting multidisciplinary research to identify work-related respiratory hazards, assess workplace exposures, characterize health risks, and develop and disseminate effective interventions.
- Collecting, analyzing, and disseminating national data to track the burden of work-related respiratory disease.
- Responding to NIOSH Health Hazard Evaluation (HHE) requests for evaluations of potential respiratory risks and providing recommendations for solutions.
- Providing health screening and surveillance services to U.S. coal miners under a program mandated by federal law called the Coal Workers' Health Surveillance Program.



The Coal Workers' Health Surveillance Program mobile unit.

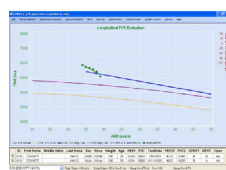
Technology & Product Highlights

The Work-Related Disease Surveillance System (eWoRLD)



This system presents data on work-related respiratory diseases including asbestosis, byssinosis, coal workers' pneumoconiosis, silicosis, asthma, COPD, hypersensitivity pneumonitis, and mesothelioma. www.cdc.gov/eworld

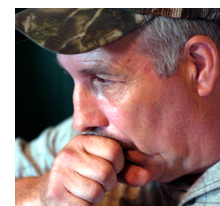
Spirometry Longitudinal Data Analysis (SPIROLA) Software



This easy-to-use visual and quantitative software tool assists health care providers in monitoring and interpreting computerized spirometry data.

www.cdc.gov/niosh/topics/spirometry/spirola-software.html

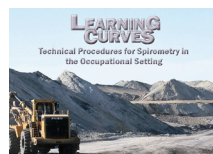
Faces of Black Lung Video



This video provides background on black lung among coal miners and features miners who share stories on how their lives changed due to the disease.

www.cdc.gov/niosh/docs/video/2008-131

Learning Curves Video: Technical Procedures for Spirometry Testing in the Occupational Setting



This video consists of seven downloadable modules that provide guidance on spirometry testing for health professionals.

www.cdc.gov/niosh/topics/spirometry/training.html



OUR SAFETY AND HEALTH RESEARCH AREAS



Airways Diseases



Interstitial Lung Diseases



Respiratory Infectious Diseases



Emerging Respiratory Diseases

Centers and Programs

Health Hazard Evaluation (HHE) Program

This program helps workers, worker representatives including unions, and employers identify potential health hazards in their workplace. RHD contributes to the program by conducting evaluations for respiratory-related risks and recommends ways to prevent work-related respiratory illness.

www.cdc.gov/niosh/hhe

Occupational Respiratory Disease Surveillance Program

This program collects, analyzes, and disseminates information related to the occurrence of work-related respiratory disease.

www.cdc.gov/niosh/topics/surveillance/ords

Coal Workers' Health Surveillance Program

Established by the Federal Coal Mine Health and Safety Act of 1969, this program provides early detection of coal workers' pneumoconiosis to prevent progression to severe lung disease

and to collect information about the numbers of coal workers with respiratory disease. www.cdc.gov/niosh/topics/cwhsp

B-Reader Program

This program provides training opportunities for physicians to learn about classifying chest radiographs for the presence and severity of changes associated with dust-induced lung disease (pneumoconiosis) using a standardized international classification system. The program administers a certification examination that documents the learner's ability to use the system. <https://www.cdc.gov/niosh/topics/chestradiography/breader.html>

Spirometry Training Program

This program is responsible for approving courses in spirometry (a lung function test) for individuals who conduct spirometry testing in occupational health settings.

www.cdc.gov/niosh/topics/spirometry/training

OUR STAFF

RHD has 90 full time positions and has offices and labs in Morgantown, WV. Staff have experience in the following areas:

Epidemiology and Surveillance: Epidemiologists | Statisticians | Health Scientists

Engineering: Architectural Engineers | Chemical Engineers

Exposure Science: Industrial Hygienists | Physical Scientists | Biological Science Technicians

Occupational Health: Physicians | Nurses | Health Assessment Specialists | Medical Instrument Technicians

Program Administration: Public Health Analysts | Program Analysts

Health Communications: Health Communication Specialists

Information Technology: Computer Programmers | Health Informatics