NIOSH Deepwater Horizon Response: Working to Protect Response Workers and Volunteers
NIOSH Activities

- Rostering
- Health Hazard Evaluations (HHEs)
- Technical Guidance and Communication
- Health Surveillance
- Toxicity Testing
NIOSH Activities

• Rostering
  – Rostered over 52,000 response workers
  – Staging areas and training sites
  – Paper-based and web-based
  – BP employees, contractors, federal and state employees, volunteers

Rostering Workers in LA
Deep Water Horizon Response Worker Roster Effort

Paper & Electronic Records
As of 8-17-10
Total Collected: 52,253

Targeted Workers
- BP Staff
- BP Contractors
- Volunteers
- Federal
- State & Local

Percentage
- Male: 81%
- Female: 19%
- Asian: 2%
- Hispanic: 9%
- Black: 38%
- All Others: 52%
NIOSH HEALTH HAZARD EVALUATIONS
Evaluated workers at the Source
In-Situ Burns
Dispersant Use
Containment Boom
Decontamination of Vessels
Health Hazard Evaluations: Six Work Categories

On Shore Evaluations:
• Beach clean-Up
• Wildlife rehabilitation
• Equipment decontamination and waste stream management

Off Shore Evaluations:
• Source Control
• In-situ burns
• Booming, skimming, dispersant operations

HHE staff at source control
Health Hazard Evaluations

- Additionally, Psychological Stress/Work Organization Focus Groups Conducted
  Two focus groups held with Safety Officers before tropical storm evacuation

Note: HHE Interim reports #1 through #4 available on NIOSH website; remainder of reports forthcoming
NIOSH and OSHA Collaboration

Interim Guidance for Protecting Deepwater Horizon Response Workers and Volunteers
National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention, U.S. Department of Health and Human Services and Occupational Safety and Health Administration, U.S. Department of Labor
June 25, 2010

For more information on general disaster response, consult the NIOSH Emergency Response Topic Page at http://www.cdc.gov/niosh/topics/emergency.html
DEEPWATER HORIZON RESPONSE
Gulf of Mexico Oil Cleanup

Recent NIOSH Webpage Updates:

• NIOSH Report of Deepwater Horizon Response/Unified Area Command Illness and Injury Data Updated August 13
• NIOSH Ongoing Health Hazard Evaluation: Deepwater Horizon Response Updated August 13
• NIOSH Voluntary Roster of Deepwater Horizon Response Workers Updated August 12
Health Surveillance

• Working across data sources
  BP/UAC health data, State surveillance data, Poison Control Centers, BioSense

• BP injury and illness data analysis
  Currently on update #4 (posted on NIOSH website)

• Working with HHS/ASPR on Medic Log data

• Health Symptom Surveys from HHEs
Toxicity Testing

• Acute animal testing (rats) to be conducted on:
  – Dispersant (Nalco Corexit 9500A)
  – Crude Oil from the source (sample from well head obtained May 23rd)
  – Dispersant/crude oil mixture

• Inhalation studies
  – Measuring pulmonary, cardiovascular, and CNS endpoints

• Dermal studies
  – Assessing hypersensitivity and immune-mediated responses