

| Goal | Wholesale and Retail Trade (WRT) Sector Strategic Plan: Goals and Progress | | Responsible Person |
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| | Progress | | |
| | Current | Planned | |
| SG1 – Reduce MSDs by 25% | http://www.cdc.gov/niosh/programs/wrt/pubs.html | | |
| 1.1 – WRT stakeholders joined in E-Data Injury Surveillance Network | http://www.cdc.gov/niosh/nora/comment/agendas/wholretrade/ NIOSH Ergonomics and Musculoskeletal Disorders Topic Page http://www.cdc.gov/niosh/topics/ergonomics/ Ergonomics Guidelines for Manual Material Handling http://www.cdc.gov/niosh/docs/2007-131/ Elements of Ergonomics Programs: A Primer Based on Workplace Evaluations of Musculoskeletal Disorders http://www.cdc.gov/niosh/docs/97-117/ | | |
| 1.1.1 – Review BLS Surveillance data to build awareness | ChartBook: Injuries, Illnesses & Fatalities in the Wholesale & Retail Trade Sector http://www.cdc.gov/niosh/test/WRTchtbk111709review/WRTchartbook_11-17-09-a.pdf BLS data website http://www.bls.gov/iif/home.htm http://www.bls.gov/iif/oshcfoi1.htm http://www.bls.gov/iif/oshsum.htm Musculoskeletal disorders and days away from work in 2007 http://www.bls.gov/opub/ted/2008/dec/wk1/art02.htm Jobs with most injuries and illnesses resulting in days away from work Injuries and illnesses resulting in days away from work by age in 2007 Injury statistics, the Liberty Mutual Workplace Safety Index (WSI) http://www.libertymutualgroup.com/omapps/ContentServer?pagename=LMGroup/Views/LMG&ft=2&fid=1138356633468&ln=en | | Vern HK John Sestito |
| 1.1.2 – Develop annual database for updating Chartbook | Chart Book Carpal Tunnel Syndrome Facts (www.mass.gov) | | Vern /HK |

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| | <p>Massachusetts Department of Public Health.</p> <p>Musculoskeletal Disorders and Workplace Factors (www.cdc.gov)</p> <p>National Institute for Occupational Safety and Health.</p> <p>Musculoskeletal Disorders (www.cdc.gov)</p> <p>National Institute for Occupational Safety and Health - National Occupational Research Agenda.</p> | | |
| 1.1.3 – Identify high risk subsectors | <p>Chart Book</p> <p>http://www.cdc.gov/niosh/programs/wrt/pubs.html</p> <p>http://data.bls.gov:8080/IIRC/?data_tool=IIRC</p> | | Vern |
| 1.2 – Convene series of biennial workshops – best practices | <p>4th WRT Sector Council Meeting</p> <p>Developing a protocol</p> <p>Develop/Adopt Best Practices</p> | | HK |
| 1.2.1 – Conduct laboratory studies on injury mechanism | <p>Injury & Illness Incidence Rate Calculator and Comparison Tool</p> <p>http://data.bls.gov:8080/IIRC/?data_tool=IIRC</p> <p>Engage Practitioners/ Demonstration Projects</p> | | |
| 1.2.2 – Develop and Evaluate economic models of MSDs | <p>NORA FY11 funded- Evaluating the effectiveness of OSH program</p> <p>http://www3.interscience.wiley.com/cgi-bin/fulltext/123189189/PDFSTART</p> | Updating “Elements of Ergonomics Programs” | Steve W. Chris Gjessing |
| 1.2.3 – Enlist experienced practitioners | <p>Home depot,</p> <p><u>Consultants with credentials specific to ergonomics</u></p> <p>Board of Certification in Professional Ergonomics (BCPE)</p> <p>http://bcpe.org/default.asp</p> <p>Descriptions of capabilities and qualifications associated with certification</p> <p>http://bcpe.org/certinfo/default.asp</p> <p>http://bcpe.org/certinfo/certinfo.asp?i=6</p> | <p>OSHA Ergonomics web</p> <p>http://www.osha.gov/SLTC/ergonomics/index.html</p> <p>Outreach and assistance</p> <p>Industry-specific guidelines, case studies, and other resources</p> <p>http://www.osha.gov/SLTC/ergonomics/outreach.html#</p> | <p>HK</p> <p>Steve W. Tim Bushnell</p> |

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| | <p>Slide presentation: http://bcpe.org/pressreleases/default.asp</p> <p>Listings of certified ergonomists, by certification type, specialty, and state http://bcpe.org/certificants/default.asp (Click on 'Display List' for complete listings)</p> <p>Human Factors and Ergonomics Society http://www.hfes.org/web/Default.aspx</p> <p>Directory of consultants http://www.hfes.org/web/ConsultDirectory/Consultdirectory.aspx</p> <p>Academic programs and society chapters may have information on qualified individuals List of graduate programs: http://www.hfes.org/web/Students/grad_programs.html</p> <p>List of undergraduate programs http://www.hfes.org/web/Students/undergradprograms.html</p> <p>HFES local and student chapters. http://www.hfes.org/web/Chapters/chapters.html</p> <p>Search resumes or post a job listing: http://careercenter.hfes.org/post.cfm?</p> <p>Oxford Research Institute http://www.oxfordresearch.org/certified_pro.htm</p> <p>Provides certification of individuals and academic programs in industrial ergonomics and human factors engineering</p> <p>Certifies and refers business to preferred provider organizations, and accepts employer job postings</p> <p>Certified individuals and organizations in specific geographical locations can be identified by contacting: BillBanks@OxfordResearch.org</p> | <p>training</p> <p>DOE Software for assessing ergonomic hazards and identifying solutions http://www.hss.energy.gov/ergoeaser/download.html</p> <p>California, Department of Industrial Relations, Division of Occupational Safety and Health</p> <p>Ergonomics publications (listed under Construction Ergonomics and Ergonomics) http://www.dir.ca.gov/dosh/PubOrder.asp</p> <p>Tools for improving manual materials handling http://www.dir.ca.gov/dosh/etools/08-004/index.htm</p> <p>Oregon OSHA Ergonomics website Educational materials and industry-specific guidance http://www.orosha.org/subjects/ergonomics.html</p> <p>Washington State Department of Labor and Industries Ergonomics web page http://www.lni.wa.gov/Safety/Topics/Ergonomics/default.asp</p> | |
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| | <p>Mr. William W. Banks Jr., CIE</p> <p><u>Consultants with general safety and health credentials</u></p> <p>American Industrial Hygiene Association (AIHA) http://www.aiha.org/Content</p> <p>Consultants can be searched by state and by specialty, one of which is ergonomics. Listed consultant companies are members of AIHA. Experience in ergonomics needs to be determined by contacting the consultant.</p> <p>http://www.aiha.org/Content/AccessInfo/consult/consultantsearch.htm</p> <p>Board of Certified Industrial Hygienists http://www.abih.org/</p> <p>Description of the range of skills of industrial hygienists and the certification process http://www.abih.org/general/cihcaih.html#defining</p> <p>The “public roster” of Certified Industrial Hygienists (CIHs) can be searched by city, state, or zip code. Specific experience in ergonomics must be determined by contacting the individual CIH. http://www.abih.org/members/roster/rostersearch.cfm</p> <p>Board of Certified Safety Professionals 208 Burwash Avenue Savoy, Illinois USA 61874-9510 Ph: +1 217 359-9263 http://www.bcsp.org/</p> <p>Description of CSP certification, which includes many areas of practice related to safety, including ergonomics: http://www.bcsp.org/csp</p> <p>Directory of certified safety professionals. This directory lists individuals who are Certified Safety Professionals. It has no contact information or information on specialties such as ergonomics. http://www.bcsp.org/Certification Directory</p> | <p>ult.asp</p> <p>Hazard evaluation tools and checklists http://www.lni.wa.gov/Safety/Topics/Ergonomics/ServicesResources/Tools/default.asp</p> <p>Industry-specific guidelines from business associations, labor groups, and government agencies http://www.lni.wa.gov/Safety/Topics/Ergonomics/IndGuide/default.asp</p> <p>Ergonomics Ideas Bank Search by risk factor and industry for ergonomic solutions http://www.lni.wa.gov/Safety/Topics/ReduceHazards/ErgoBank/default.asp</p> <p>Ergonomics publications http://www.lni.wa.gov/Safety/Topics/Ergonomics/ServicesResources/Pub/default.asp</p> <p>Training videos Search on keyword “ergonomics” http://www.lni.wa.gov/Safety/TrainTools/Videos/Library/catalog.asp</p> <p>Ergonomics slide presentations listed under</p> | |
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| | | <p>“Ergonomics and WMSDs” http://www.lni.wa.gov/Safety/TrainTools/Online/Courses/default.asp</p> | |
| <p>1.2.4 – Conduct studies to assess the effectiveness of intervention</p> | <p>http://www.cdc.gov/niosh/docs/2007-131/#_improving_manual http://www.cdc.gov/niosh/topics/ergonomics/ http://www.nap.edu/openbook.php?record_id=6309&page=23 http://www.cdc.gov/niosh/programs/msd/ http://www.cdc.gov/niosh/docs/2007-122/ http://www.hse.gov.uk/msd/ http://www.cdc.gov/niosh/blog/nsb012910_training.html http://www.cdc.gov/niosh/topics/Training/sys_review_education_training_2010.html sys review education training 2010.pdf NORA FY11</p> | <p>Health and safety threats in the trade sector</p> | <p>Regina Pana-Cryan (Rene) Oliver Wirth Steve W.</p> |
| <p>1.2.5 – Fund extramural studies of effectiveness of powered material handling devices</p> | <p>Six demonstration studies on MMH OSHA Case study http://www.osha.gov/dcsp/success_stories/compliance_assistance/dow_case_study.html http://www.cdc.gov/niosh/blog/nsb092109_businesscase.html</p> | <p>Organizing MMH workshop</p> | <p>Tim McGlothlin Jeff Hoyle Kermit Davis</p> |
| <p>1.2.6 – Perform business case analysis</p> | <p>Econ Webinar http://www.cdc.gov/niosh/nora/councils/wrt/ http://www.cdc.gov/niosh/blog/nsb092109_businesscase.html http://www.cdc.gov/niosh/programs/econ/ http://www.osha.gov/SLTC/etools/safetyhealth/mod1_estimating_costs.html http://data.bls.gov:8080/IIRC/?data_tool=IIRC</p> | | <p>Rene Steve</p> |
| <p>1.3 – Launch awareness campaign for high risk subsectors</p> | <p>Writing a protocol: PHP FY11 – seed money funded http://osha.europa.eu/en/campaigns http://osha.europa.eu/en/campaigns/ew2000/about/2_html http://osha.europa.eu/en/topics/msds http://www.aarp.org/content/aarp/en/home/money/work/best_employers/articles/benefits_of_applying_best_employers.print.html</p> | <p>RILA NIOSH exhibit</p> | <p>Vern</p> |

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| | http://www.safeinsound.us/09winners.html | | |
| 1.3.1 – Identify effective communication channels | http://www.osha.gov/ergonomics/guidelines/retailgrocery/index.html http://osha.europa.eu/en/publications/factsheets/73/view http://osha.europa.eu/en/publications/e-facts/efact14/view Social marketing: John Strand's presentation NIOSH ex. Safe-in-Sound Award | MMH simple solutions PHP MMH workshop | Vern/ HK |
| 1.3.2 – Develop materials about MSDs | Collecting resources - Guidelines Manual Material Handling http://www.cdc.gov/niosh/docs/2007-131/ http://osha.europa.eu/en/publications/reports/en_TE8107132ENC.pdf http://www.hse.gov.uk/pubns/indg143.pdf http://www.hse.gov.uk/pubns/manlinde.htm http://www.osha.gov/SLTC/ergonomics/state_plan.html | Vern, Trade sector implementation, A guide for WRT business to prevent MSDs | HK |
| 1.3.3 – Dissemination information about precaution of MSDs | Campaign protocol http://osha.europa.eu/en/publications/reports/TE7606536ENC | Prevention campaign: High risk trade workers | Vern/ HK |
| 1.3.4 – Identify r2p opportunities | National Campaign Webcast/Webinar http://data.bls.gov:8080/IIRC/?data_tool=IIRC RILA, The Home Depot, WamMart, Target, SuperValue Macy's, Travelers Insurance, Liberty Mutual, EASE Council, LPF, TXANS | Workplace solutions for the WRT sector | Vern |
| 1.3.5 – Develop tools, savings method | http://www.osha.gov/dcsp/success_stories/ergonomics/honda_2009.html http://www.osha.gov/SLTC/etools/safetyhealth/mod1_costs.html http://www.osha.gov/as/opa/foia/hot-14.html Liberty Mutual MMH tables: on-line calculator (from the Research Institute for Safety link) and a PDF download for the manual version. http://libertymmhtables.libertymutual.com/CM_LMTablesWeb/taskSelection | Developing the Best Practice Awards A guide for WRT business to prevent MSDs | Vern /HK |

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| | do?action=initTaskSelection http://www.libertymutualgroup.com/omapps/ContentServer?cid=1138365240689&pagename=LMGResearchInstitute/cms_document/ShowDoc&c=cms_document | | |
| 1.3.6 – Develop/test effectiveness of training materials | MOU with LPF – training and certifications http://www.osha.gov/SLTC/etools/beverage/index.html http://www.osha.gov/SLTC/etools/beverage/hand_trucks.html http://www.hse.gov.uk/msd/msdprogramme.htm http://www.backcare.org.uk/ | | Vern, Gene Smith |
| SG 2 – Reduce acute traumatic injury by 20% from slips, trips, and falls | http://www.cdc.gov/niosh/programs/wrt/pubs.html | | |
| 2.1 – Real WRT stakeholders joined in E-Data Injury Surveillance Network | http://www.osha.gov/dts/osta/oshasoft/index.html National Surveillance of Nonfatal Occ Inj Using the NEISS (1991-2015) | | Larry Jackson |
| 2.1.1 – Review BLS data and identify work-related injuries from falls | http://www.bls.gov/ncs/ebs/benefits/2009/ownership_private.htm | | Vern /HK |
| 2.1.2 – Develop/maintain database for updating Chartbook | http://www.osha.gov/SLTC/fallprotection/index.html | | HK with Web team’s support |
| 2.1.3 – Identify high risk base subsectors | http://www.cdc.gov/niosh/injury/ http://www.cdc.gov/niosh/topics/falls/default.html | | |
| 2.2 – Convene biennial workshop | | | |
| 2.2.1 – identify risk factors for nonfatal falls | Fall injury controls and interventions for aerial lifts (07-11, Construction) Effects of localized muscle fatigue on risk of occ slips and falls (2009-2013, Construction & Service) | | Christopher Pan Lata Kumar |
| 2.2.2 – Conduct research on relation between | http://www.osha.gov/Region7/fallprotection/index.html http://198.246.98.21/niosh/topics/falls/#pubsandwebs | | Jennifer Bell |

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| surface pace etc. and falls | Evaluation of STF Prevention Practices in Food Services (09-13, Service) | | |
| 2.2.3 – Develop Fall Assessment Eg | Effectiveness of Extension-Ladder Safety Innovation (07-11, Construction) | | Hongwei Hsiao |
| 2.2.4 – Develop and apply economic models to assess costs | http://www.cdc.gov/niosh/programs/econ/ http://www.asse.org/professionalaaffairs/govtaffairs/ngposi10.php http://www.osha.gov/dcsp/products/topics/businesscase/index.html http://www.nsc.org/news_resources/injury_and_death_statistics/Pages/EstimatingtheCostsofUnintentionalInjuries.aspx | | Rene |
| 2.3 – Launch public health campaign | http://www.osha.gov/dsg/topics/safetyhealth/standards.html http://www.osha.gov/dsg/topics/safetyhealth/evaluation.html http://www.cdc.gov/niosh/docs/video/2009-108d/ | PHP FY11 Training to Design Age-Friendly Workplaces for Retail Work | James Grosch |
| 2.3.1 – Identify research gaps in prevention program | Public NPPM: http://spp-expk2.cdc.gov/default.aspx | | |
| 2.3.2 – Identify communication channels | Direct Outreach Business Dev. Speaking Opps. Social Media Trade Associations, Article publications | | |
| 2.3.3 – Develop materials about preventing falls | http://198.246.98.21/niosh/topics/falls/#tic2 | | |
| 2.3.4 – Disseminate information | Fall Prevention Campaign for Latino Workers (PHP construction, -2012) | | Sherry Baron |
| 2.3.5 – Identify r2p opportunities | RILA, Home Depot, WalMart, Target, SuperValue, Macy's, Travelers Insurance, Liberty Mutual, EASE, LPF TXANS | | |
| 2.3.6 – Develop tools to assess effectiveness of information campaign | http://www.osha.gov/dcsp/smallbusiness/safetypays/index.html | | |

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| SG3 – Reduce workplace violence by 25% | http://www.cdc.gov/niosh/programs/wrt/pubs.html | | Rashaun Harlan Amandus |
| 3.1 – Stakeholders joined in E-Data Injury Network | http://www.osha.gov/dts/osta/oshasoft/index.html http://www.bls.gov/iif/osh_wpvs.htm http://www.osha.gov/SLTC/workplaceviolence/recognition.html | | |
| 3.2 – Develop/adopt uniform definitions of violence | Work organization and Workplace Violence (02-14, Healthcare and Social Assistance) | | Paula Grubb |
| 3.1.2 – Expand range of surveillance | http://www.osha.gov/dcsp/osp/work_violence.html http://www.bls.gov/iif/oshwc/foi/cftb0215.pdf http://www.bls.gov/iif/oshwc/osh/case/ostb1796.pdf | | |
| 3.1.3 – Develop and maintain annual database for updating Chartbook – trend | http://www.osha.gov/OshDoc/data_General_Facts/factsheet-workplace-violence.pdf http://www.bls.gov/iif/osh_wpvs.htm Workplace homicides with assailant and circumstance, 1997-2008 http://www.bls.gov/iif/oshwc/foi/work_hom.pdf | | |
| 3.1.4 – Develop database for updating Chartbook – trend | http://www.osha.gov/SLTC/etools/hospital/hazards/workplaceviolence/viol.html | | |
| 3.1.5 – Develop database to identify job tasks at risk | General Services Administration - http://www.gsa.gov/pbs/fps/fps.htm Office of Personnel Management - http://www.opm.gov/workplac/index.html-ssi Minnesota Center Against Violence and Abuse - http://www.mincava.umn.edu/workviol.asp Workplace Solutions - http://www.wps.org | | |
| 3.2 – Convene biennial workshop | | | |

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| <p>3.2.1 Review workplace violence prevention programs to identify barriers</p> | <p>http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=NEWS_RELEASES&p_id=17115</p> <p>http://www.pef.org/healthandsafety/resource_list_workplace_violence_prevention.htm</p> <p>http://www.usda.gov/news/pubs/violence/wpv.htm</p> | | |
| <p>3.2.2 – Prepare effort to understand and prevent workplace violence</p> | <p>Translation of a Robbery and Violence Prevention Program to High Risk Business</p> | | <p>Bernadine Kuchinski</p> |
| <p>3.2.3 – Assess costs of injuries from workplace violence</p> | <p>http://www.cdc.gov/niosh/topics/violence/</p> | <p>Evaluation of Ordinances to Prevent Workplace Violence in Convenience Stores (NORA FY2011)</p> | <p>Harlan Amandus</p> |
| <p>3.2.4 – Conduct research on risk factors</p> | <p>http://www.cdc.gov/niosh/topics/violence/</p> | <p>Gain OSH benefits in older workers by improving their sleep</p> | <p>Claire C Caruso</p> |
| <p>3.2.5 – Identify high risk factors in high risk establishments</p> | <p>Workplace Violence Initiative: Research and Implementation (02-12, Healthcare and TWU, DSR)</p> | <p>Evaluating ordinances to prevent violence to retail store workers</p> | <p>Harlan Amandus, Daniel Hartley (DSR)</p> |
| <p>3.2.6 – Assess effectiveness of workplace programs</p> | <p>http://www.cdc.gov/niosh/topics/violence/</p> | <p>Evaluating the Effectiveness of OSH Program Elements</p> | <p>Steve Wurzelbacher</p> |
| <p>3.3 – Publish and disseminate results of workplace prevention programs</p> | <p>WRT Think Tanks</p> <p>http://www.cdc.gov/niosh/topics/violence/default.html</p> <p>http://mtn.niosh.cdc.gov/eid/rmca/polstmt/pdfdoc/PSZY33D.pdf</p> | | |
| <p>3.3.1 – Launch campaign based on “self-certifications”</p> | <p>Loss Prevention Foundation</p> | | |

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| 3.3.2 – Assess costs (seems same as 3.2.3) | http://www.cdc.gov/niosh/topics/violence/ | | |
| 3.3.3 – Establish internet access to violence prevention programs | http://www.osha.gov/dcsp/osp/work_violence.html http://www.lni.wa.gov/Safety/Topics/AtoZ/WPV/default.asp | | |
| 3.3.4 – Publish case studies on the value of partnerships | http://www.osha.gov/dcsp/smallbusiness/sharp.html | | |
| 3.3.5 – Disseminate management practice | WRT Think Tanks | | |
| SG4 – Reduce motor vehicle injuries in WRT | http://www.cdc.gov/niosh/programs/wrt/pubs.html | | |
| 4.1 – WRT stakeholders joined an E-Data Injury Surveillance Network | http://www.cdc.gov/niosh/topics/motorvehicle/ http://www.cdc.gov/niosh/docs/2004-137/default.html Kentucky Occupational Safety and Health Surveillance Washington Occupational Surveillance Program | | |
| 4.1.1 – Develop standard definition of motor vehicle injury | Worldwide Occupational Road Safety (WORS) Review Project 2007 http://www.cdc.gov/niosh/contract-reports/WORS/WORS-04-10-2007.pdf http://www.cdc.gov/health/motor.htm http://stats.bls.gov/news.release/pdf/cfoi.pdf | | Stephanie Pratt Morgantown, WV 26505-2888 (304) 285-5992 email: spratt@cdc.gov |
| 4.1.2 – Develop annual database for updating Chartbook | http://mtn.niosh.cdc.gov/eid/rmca/polstmt/pdfdoc/PSZY43K.pdf The Connecticut Road Industry Surveillance Program (CRISP) | | |
| 4.1.3 – Develop annual database to identify high risk jobs | http://www.cdc.gov/niosh/docs/2004-137/default.html The industry divisions with the highest number of fatalities were Transportation/Communications/Public Utilities (TCPU) (4,358, 33% of the total), Services (1,884, 14%), Construction (1,403, 11%), and Manufacturing (1,093, 8%). | | |

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| | The occupation divisions with the greatest proportion of fatalities were Transportation/Material Movers (6,212, 47%), Precision Production/Craft/Repairers (1,178, 9%), Sales (975, 7%), and Service (961, 7%). | | |
| 4.1.4 – Assess costs of motor vehicle injuries and fatalities | | | |
| 4.2 – Convene series of biennial workshops | | | |
| 4.2.1 – Establish working group of stakeholders | WRT Think Tanks | | |
| 4.2.2 – Identify risk factors associated with motor vehicle crashes | <p>NIOSH Transportation Initiative</p> <p>This Initiative coordinates NIOSH-wide activities in all industry sectors to reduce motor vehicle crashes, the leading cause of traumatic occupational fatalities. The Initiative currently supports 1) collaborative work with the National Center for Injury Prevention and Control (NCIPC) to address cross-cutting occupational and non-occupational issues related to motor vehicle safety and 2) efforts promoting global road safety that include a NIOSH-sponsored International Conference on Road Safety at Work, and NIOSH participation in the United Nations Road Safety Collaboration and in the federal agency Global Road Safety Roundtable coordinated by the US Department of State.</p> | | Kara Perritt (DSR) (304) 285-5894 <i>Project period:</i> 2004-2015 |
| 4.2.3 – Identify leading risk factors | <p>Risk Factors for Vehicle Crashes Among Public Employees</p> <p>This project uses two study populations to assess crash factors among public employees: state department of transportation (DOT) employees and active duty U.S. military personnel. For the first component, NIOSH will disseminate recommendations to state DOTs for a minimum crash data set and for improvements in data collection and management. The second component is a collaboration with researchers in the U.S. Department of Defense to analyze existing medical and pharmacy data to determine the role, if any, of prescription drugs in fatal crashes; and to develop future joint research projects.</p> | | Stephanie Pratt (DSR) (304) 285-5894 <i>Project period:</i> 2004-2007 |
| 4.2.4 – Identify special risk factors (e.g. fatigue) | Traumatic Occup Injury Prog. http://www.cdc.gov/niosh/injury/ http://www.cdc.gov/niosh/topics/motorvehicle/default.html http://www.cdc.gov/niosh/docs/2005-159/ | | |

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| <p>4.2.5 – Identify risk factors at high risk establishments</p> | <p>http://www.cdc.gov/niosh/topics/motorvehicle/default.html#research Development of Guidelines and Assessment Tools for Truck Preventing Work Injuries and Chronic Illnesses in Truckers Screening for Obstructive Sleep Apnea in Commercial Drivers Effects of Extended Work Hours on Intern Health and Safety http://www.cdc.gov/niosh/oep/pdfs/FY2003_FUNDED_PROJECTS.pdf</p> | <p>Work organization and injuries in supermarket occupations (NORA FY 2011)</p> | <p>Aki</p> |
| <p>4.2.6 – Identify psychosocial risk factors</p> | <p>QWL http://od.niosh.cdc.gov/ProjectPlans2007/CrossSectorPrograms/WorkRelatedDisorderscrosssector2007.html</p> | | |
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| <p>4.3 – Stakeholders will support diffusion efforts</p> | <p>WRT Think Tanks</p> | | |
| <p>4.3.1 – Identify communication channels for information campaign</p> | <p>http://www.cdc.gov/niosh/docs/2003-119/default.html http://www.cdc.gov/niosh/docs/2004-136/default.html</p> | | |
| <p>4.3.2 – Develop effective intervention strategies</p> | <p>http://www.cdc.gov/niosh/docs/2004-137/default.html http://www.cdc.gov/niosh/docs/2004-136/default.html</p> | | |
| <p>4.3.3 – Train WRT drivers in safe practices</p> | <p>- Work-related crash fatalities most often resulted from collisions between vehicles (49%). Other prominent crash types were single-vehicle incidents that did not involve a collision with another vehicle or with a pedestrian (non-collisions) (26%), and collisions between a vehicle and a stationary object on the roadside (18%).</p> <p>- 62% of fatalities occurred between 7 a.m. and 4 p.m.; 38% occurred on U.S. or State-designated highways, 26% on interstate highways, and 24% on a local road or street.</p> | | |
| <p>4.3.4 – Develop recommendations to reduce fatalities</p> | <p>- Between 1997 and 2002, 28% of fatally injured workers were wearing a seat belt; 56% were unbelted or had no seat belt available. Belt use was unknown for the remaining 16%.</p> <p>-Factors associated with the worker’s vehicle that contributed to the crash included: running off the road or failing to stay in the proper lane (46%); driving over the speed limit or too fast for conditions (23%); driver inattention</p> | | |

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| | <p>(11%); and the driver being drowsy or asleep (7%). NOTE: Up to four factors may be reported for each vehicle.</p> <p>-In 8% of crashes fatal to a worker, the driver of the worker's vehicle was determined to have been drinking.</p> | | |
| 4.3.5 – Establish a national program headed by Federal Transportation agencies | | | |
| SG5 – Improve outreach to small businesses in WRT | <p>http://www.cdc.gov/niosh/docs/2003-100/ http://www.cdc.gov/niosh/programs/wrt/pubs.html</p> | | Aki Nakata, |
| 5.1 – Over next 3 years, NFIB, DOL, and SBA will launch campaign to reduce fatalities and injuries in small businesses | <p>OSHA resources to assist employers with SB http://www.osha.gov/Publications/smallbusiness/small-business.html http://www.osha.gov/dcsp/compliance_assistance/quickstarts/index.html http://www.osha.gov/dts/osta/oshasoft/hazexp.html http://www.osha.gov/dcsp/compliance_assistance/cas.html</p> | | |
| 5.1.1 – Federal agencies will launch surveillance network by 2012 | <p>http://www.osha.gov/Publications/safety-health-management-systems.pdf</p> <p>Computer Retrieval of Information on Scientific Projects (CRISP) biomedical database http://report.nih.gov/index.aspx Quality of Work Life Survey (QWL)</p> | | |
| 5.1.2 – Establish partnerships to implement intervention | <p>The National Federation of Independent Businesses source http://www.nfib.com/tabid/571/Default.aspx</p> <p>http://www.osha.gov/dcsp/smallbusiness/successes.html http://www.osha.gov/dcsp/smallbusiness/sharp.html http://www.osha.gov/dcsp/smallbusiness/consult.html</p> <p>http://www.osha.gov/dcsp/smallbusiness/safetypays/index.html</p> <p>Small Business owners' perceptions of workplace safety & health program (John Palassis, 2003)</p> | | |

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| 5.1.3 – Analyze existing NIOSH guidance documents for utility with small businesses | http://www.cdc.gov/niosh/docs/2004-135/suggestedReadings/suggestedReadings.html Evaluating Training Interventions for Small Business NIOSH resource guide for SB: http://www.cdc.gov/niosh/docs/2003-100/default.html | 09/30/2010 | Carol Stephenson |
| 5.1.4 – Diffuse effective violence prevention to small businesses | | | |
| 5.1.5 – Recommend effective means of risk communication and management | http://www.cdc.gov/niosh/docs/2004-135/ http://www.osha.gov/dsg/topics/safetyhealth/evaluation.html http://www.osha.gov/SLTC/etools/safetyhealth/index.html | | |
| 5.1.6 – Form partnerships to address contingent employment | | | |
| 5.1.7 – Assess best practices | http://www.osha.gov/dsg/topics/safetyhealth/evaluation.html | | |
| SG6 – Increase understanding of risks to vulnerable/contingent workers | | | Susan Board, Suzanne Marsh, |
| 6.1 – Expand outreach to stakeholders | WRT Think Tanks Evolve Messaging Social Media OSHA consultation program for small and medium sized employers Pennsylvania program: http://www.hhs.iup.edu/sa/OSHA/index.htm Information on the federal program and other state programs: http://www.osha.gov/dcsp/smallbusiness/consult.html http://www.youngworkers.org | PHP FY11 Preventing Young Worker Injuries by Outreach to Community Health Clinics | Sherry Baron |
| 6.1.1 – Ensure that occupational health data are collected | http://www.hse.gov.uk/pubns/indg171.pdf | | |

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| <p>6.1.2 – Expand surveillance capacity</p> | <p>http://www.bls.gov/opub/mlr/2009/10/art1full.pdf http://www.bls.gov/opub/mlr/2007/04/art2full.pdf http://www.bls.gov/ncs/ebs/benefits/2009/ownership/private/table05a.pdf</p> | <p>DESEFF: The Occupational Health supplement to the National Health Interview Survey. The OHS is in the field and data should be available in July 2011. We expect to receive interview data on ~3,000 current WRT workers.</p> | <p>Geoff, Sara Luckhaupt</p> |
| <p>6.1.3 – Increase use of qualitative research</p> | <p>Changing Nature of Work (99-09) Stakeholder Practice to Research (P2R)</p> | | <p>Lawrence Murphy</p> |
| <p>6.1.4 – Promote improved research through culturally sensitive tools</p> | | | |
| <p>6.1.5 – Promote use of participatory research</p> | <p>Training to design age-friendly workplaces for retail work (PHP) P2R</p> | | <p>James Grosch, Paula Grubb</p> |
| <p>6.1.6 – Forge new partnerships with stakeholders</p> | | | |
| <p>6.1.7 – Promote outreach to clinics and health departments</p> | | <p>PHP FY11 Preventing Young Worker Injuries by Outreach to Community Health Clinics</p> | <p>Sherry Baron</p> |
| <p>6.1.8 – Expand research to understand problems of contingent workers</p> | <p>http://www.bls.gov/opub/mlr/2001/03/art1full.pdf Dissemination and Integration of OSH to Young Workers</p> | <p>PHP FY11 09/30/2012</p> | <p>Carol Stephenson</p> |