

Attachment C1:
NIOSH Strategic Goals Met by Current Project

Sector Programs Strategic, Intermediate, and Activity/Output Goal(s):

NIOSH Program Portfolio Goals

LIST OF GOALS SELECTED:

Sector Programs

Manufacturing

- 09PPMNFG3.2 Reduce the number and severity of musculoskeletal disorders (MSDs) among manufacturing sector workers.
- 11PPMNF3.2 Provide intervention tools and engineering controls to reduce the number and severity of musculoskeletal disorders among sector workers.
- 11PPMNF3.3 Implement activities that move research into practice to prevent musculoskeletal disorders among manufacturing sector workers.
- 09PPMNFG8 Reduce the incidence of injuries, illnesses, and fatalities within small businesses (less than 100 employees) and specific sub-sectors within the manufacturing sector.
- 11PPMNF8.1 Identify and prioritize occupational safety and health issues within small businesses and specific sub-sectors within the manufacturing sector.

Activity/Output Goal 3.2.3 (10PPMNFAOG3.2.3): Evaluate interventions designed to reduce low back and upper limb MSDs in manufacturing settings. Interventions should include work organization factors, individual job tasks, and personal risk factors. Include both large plants and small businesses in both process and outcome evaluations.

Activity/Output Goal 8.1.1 (10PPMNFAOG8.1.1): Collect, compile, and analyze data and available literature to identify sub-sectors with high risk of injuries/illnesses and fatalities.

Cross-Sector Health Outcome Programs

Musculoskeletal Disorders

- 11PPMSD3.2 Reduce the incidence of work-related MSDs by implementing practical and effective workplace interventions to reduce MSD risk factors.
- 11PPMSDIG3.1 Safety professionals in public and private industry implement practical and effective workplace interventions for the prevention or mitigation of MSDs on the basis on the best available scientific evidence.
- 11PPMSDIG3.2 Safety professionals, leaders of labor and trade organizations, and leaders in public and private industry advocate comprehensive approaches to safety that address the multi-factorial nature of the development and mitigation of work-related MSDs.
- 09PPMSD5 Reduce the incidence of work-related MSDs on the basis of actionable knowledge of the prevalence, incidence, and severity of work-related MSDs.
- 11PPMSDIG5.2 Safety professionals in public and private industry and health and safety workers in government and academia use proven and practical survey tools or methods for ongoing surveillance of work-related MSDs.
- 11PPMSDIG5.3 Government, public and private businesses, trade and labor organizations, and academia have access to up-to-date surveillance data on the incidence and prevalence of work-related MSDs at local, state, and national levels and across specific industry sectors and occupations.

Activity/Output Goal 3.1.1 (11PPMSDAO3.1.1): Conduct rigorous evaluations of engineering, administrative, and behavioral approaches towards safety using randomized controlled trials,

interrupted time-series designs, or other scientifically valid approaches.

Activity/Output Goal 3.1.3 (11PPMSDAOG3.1.3): Conduct studies to identify and understand the functions of organizational practices that contribute to the prevailing safety culture of the workplace, and how these practices relate to safety risks.

Activity/Output Goal 3.2.1 (11PPMSDAOG3.2.1): Conduct studies to identify and understand the interactions among physical, environmental, behavior, cognitive, social, organizational, and economic factors that influence the effectiveness of safety programs for the prevention and mitigation of MSDs.

Activity/Output Goal 5.3.2 (11PPMSDAOG5.3.2): Efforts should be directed toward developing county, state, industry or occupation denominators and rates that can be used for comparison purposes.

Cross-Sector Other Programs

Total Worker Health

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| 10PPWLISG1 | Increase the adoption of integrated health protection and health promotion programs and activities to reduce the risk of occupational illness and injury and advance the overall health and well-being of workers. |
| 10PPWLIIG1.1 | Organizations, professional associations, and government agencies committed to work force health will adopt and disseminate information to help employers implement effective practices connecting health protection and health promotion. |
| 10PPWLIIG1.2 | Employers and employee groups, including the public sector work force, will pilot test and/or implement promising or proven workplace policies, practices, and programs that address, coordinate or integrate health protection and promotion. |
| 10PPWLIIG1.4 | Federally-funded workplace health protection and health promotion programs developed to advance the health of all workers, including those in the Federal sector, will adopt, incorporate and advance the policies, programs and practices of Total Worker Health TM . |
| 12PPWLISG2 | Protect and promote the overall safety, health, and well-being of the workforce through research that investigates the joint effects of work and non-work factors and evaluates interventions that integrate health protection with health promotion. |
| 13PPWLIIG2.1 | Research products from the NIOSH Total Worker Health TM program are adopted and applied by agencies, associations and organizations for the development of guidance (e.g., a consensus standard), training, policy, and other efforts to create comprehensive workplace programs to prevent worker illness, injury, and disease. |

Cross-Sector Health Outcome Programs

Goal Type	Goal Number	Cross-Sector Health Outcome Program Goal Text
Strategic	11PPMSDSG3	Reduce the incidence of work-related MSDs by implementing practical and effective workplace interventions to reduce MSD risk factors.
Intermediate	11PPMSDIG3.1	Safety professionals in public and private industry implement practical and effective workplace interventions for the prevention or mitigation of MSDs on the basis on the best available scientific evidence.
Intermediate	11PPMSDIG3.2	Safety professionals, leaders of labor and trade organizations, and leaders in public and private industry advocate comprehensive approaches to safety that address the multi-factorial nature of the development and mitigation of work-related MSDs.
Intermediate	11PPMSDIG3.3	Business leaders in public and private industries have access to cost-benefit data regarding the implementation and maintenance of safety programs for the prevention and mitigation of MSDs.
Strategic	09PPMSDSG5	Reduce the incidence of work-related MSDs on the basis of actionable knowledge of the prevalence, incidence, and severity of work-related MSDs.
Intermediate	11PPMSDIG5.1	Health and safety workers in government, public and private businesses, trade and labor organizations, and academia use clear case definitions as foundations for ongoing surveillance of work-related MSDs.
Intermediate	11PPMSDIG5.2	Safety professionals in public and private industry and health and safety workers in government and academia use proven and practical survey tools or methods for ongoing surveillance of work-related MSDs.
Intermediate	11PPMSDIG5.3	Government, public and private businesses, trade and labor organizations, and academia have access to up-to-date surveillance data on the incidence and prevalence of work-related MSDs at local, state, and

		national levels and across specific industry sectors and occupations.
Strategic	09PPTRISG1	Reduce Fall Injuries in the Workplace.
Intermediate	10PPTRIIG1c.1	Engineers, WRT trade associations, and employers in the WRT industry will implement effective, evidence-based fall prevention and protection designs, technologies, programs, and communication materials for the handling, storage and retrieval of merchandise.

Other Cross-Sector Programs Strategic, Intermediate, and Activity/Output Goals:

Goal Type	Goal Number	Other Cross-Sector Program Goal Text
Strategic	09PPECNSG1	Increase the knowledge base on the value of preventing occupational illness and injury.
Intermediate	09PPECNIG1.1	Improve surveillance at the federal, state, and private level to describe the economic burden of occupational illness and injury, identify priorities for research and prevention, and evaluate trends over time.
Strategic	09PPECNSG2	Increase the knowledge base on how economic factors, management strategies, and demographic trends affect occupational health and safety.
Intermediate	09PPECNIG2.2	Support economic research assessing the relationship of workforce demographics and their changes on the incidence and severity of occupational illness and injury