

As an overview of the Mining Program Strategic Plan, 2019–2023, the following represents the Mining Program’s three strategic goals, along with their associated intermediate goals (IGs) and related NIOSH goals, in the context of a five-year planning horizon.

Mining Program Strategic Plan Overview, 2019–2023

| Strategic Goal 1 Reduce mine workers’ risk of occupational illnesses | Strategic Goal 2 Reduce mine workers’ risk of traumatic injuries and fatalities | Strategic Goal 3 Reduce the risk of mine disasters and improve post-disaster survivability of mine workers |
|--|---|--|
| <p>Intermediate Goal 1.1 Workplace solutions are adopted to reduce miner overexposure to hazardous airborne dust and diesel contaminants (supports NIOSH IG 1.8, IG 5.8, and IG 5.9)</p> <p>Intermediate Goal 1.2 Workplace solutions are adopted that reduce miner overexposure to noise (supports NIOSH IG 2.5)</p> <p>Intermediate Goal 1.3 Workplace solutions are adopted to reduce the effects of environmental factors on miners (supports NIOSH IG 6.9)</p> <p>Intermediate Goal 1.4 Workplace solutions are adopted that enable mines to remediate risk factors for musculoskeletal disorders (supports NIOSH IG 4.4)</p> <p>Intermediate Goal 1.5 Workplace solutions are adopted that reduce morbidity and mortality of chronic diseases in mining (supports NIOSH IG 1.8)</p> | <p>Intermediate Goal 2.1 Workplace solutions are adopted to eliminate fatalities and injuries related to operating and maintaining mobile and stationary mining equipment (supports NIOSH IG 6.6)</p> <p>Intermediate Goal 2.2 Workplace solutions are adopted to eliminate fatalities and injuries caused by global geologic instabilities at underground and surface mines (supports NIOSH IG 6.7)</p> <p>Intermediate Goal 2.3 Workplace solutions are adopted to eliminate fatalities and injuries caused by rock falls between supports or loss of containment from damaged ribs (supports NIOSH IG 6.7)</p> <p>Intermediate Goal 2.4 Workplace solutions are adopted that enable mines to remediate risk factors for slips, trips, and falls</p> <p>Intermediate Goal 2.5 Workplace solutions are adopted to identify, measure, and improve miners’ readiness for work (supports NIOSH IG 7.3)</p> | <p>Intermediate Goal 3.1 Workplace solutions are adopted to reduce the risks associated with accumulations of combustible and explosible materials (supports NIOSH IG 6.8)</p> <p>Intermediate Goal 3.2 Workplace solutions are adopted to improve detection of and reduce the risk of hazardous conditions associated with fires and explosions and ground instabilities (supports NIOSH IG 6.7 and IG 6.8)</p> <p>Intermediate Goal 3.3 Workplace solutions are adopted to prevent catastrophic failure of mine pillars, stopes, and critical structures (supports NIOSH IG 6.7)</p> <p>Intermediate Goal 3.4 Workplace solutions are adopted to improve miner self-escape, rescue, and post-disaster survival (supports NIOSH IG 6.8)</p> |

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