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Exploring the Public Health Impacts of Mining Activities on Workers and Societies: A Systematic Review

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ABSTRACT This systematic study investigates the health and well-being effects of mining communities in high- and low-income countries and possible contributory variables. A thorough search was conducted across two databases (PubMed and Google Scholar). Articles that examined workers and communities in mining villages and had results about health or well-being at the individual or community level were chosen. There were thirteen articles in total included. In the mining villages, there was evidence of a low self-reported health status and an elevated prevalence of infectious and chronic diseases. Relationship breakdown, inadequate family well-being, a lack of social connections, and limited access to healthcare services were all mentioned in the studies. To enhance the coexistence of mining activities, this study concludes by highlighting the broader health and well-being effects connected with mining activity, which should be monitored and addressed in addition to the environmental health impacts.