

Health Risks of Silica Dust

Organizational

World Health Organization (1997), IARC, #67, Silica, some silicates, coal dust and Para-Aramid Fibres, [mono68.pdf](#) (report classifying silica dust as a carcinogen)

NIOSH (National Institute for Occupational Safety and Health, Centre for Disease Control) (2002) Hazard Review: Health Effects of Occupational Exposure to Respirable Crystalline Silica [Silica_prelim 1-17-02.vp](#)

OSHA, US Department of Labor, Silica, Crystalline – Health Effects Resource -US. [Crystalline - Health Effects | Occupational Safety and Health Administration](#)

Health effects of silica dust: An overview for occupational health in the UK, Lungs at Work, April 2025, [Health_effects_of_silica_dustv3.pdf](#)

IOSH (Institute of Occupational Safety and Health, UK), Silica Dust: What it is, who is at risk and how to protect workers. [Silica dust | IOSH](#)

Australian National Guidance for Doctors Assessing Workers Exposed to Respirable Crystalline Silica Dust (2022) [National guidance for doctors assessing workers exposed to respirable crystalline silica dust | Australian Centre for Disease Control](#)

British Safety Council, Silica Dust: A Hidden Danger. [Silica dust: a hidden danger | British Safety Council](#)

Health and Safety Executive, Silicosis – Causes and Risks [Silicosis – causes and risk controls - HSE](#)

Silica Dust – The Silent Killer, QSE, March 2025, [Silica Dust – The Silent Killer | Health And Safety Consultancy UK](#)

Silicosis, NHS, 23 January 2024, [Silicosis - NHS](#)

The Hidden Danger of Quarry Dust: Invisible. Unmonitored. Potentially Deadly, Save our Trees, 2026. [The Hidden Danger of Quarry Dust | Stop the Quarry - Save Our Trees](#)

Academic articles

Hoy, Ryan and Daniel Chambers (2020) Review Article: Silica-related diseases in the modern world, *Allergy*, [Silica-related diseases in the modern world - Hoy - 2020 - Allergy - Wiley Online Library](#)

Mundt, Kenneth, et.al. (2025) Systematic review of the epidemiological evidence of associations between quantified occupational exposure to respirable crystalline silica and the risk of silicosis and lung cancer *Frontiers in Public Health*, [fpubh-13-1554006.pdf](#)

Russell, Anthon J, Kenneth A. Mundt and Andrew Maier (2025) Risk characterization for silica-related silicosis and lung cancer in communities adjacent to sand and gravel extraction facilities: examining limitations in our current risk methods, *Frontiers in Public Health*, 13, [Frontiers | Risk characterization for silica-related silicosis and lung cancer in communities adjacent to sand and gravel extraction facilities: examining limitations in our current risk methods](#)

Schlünssen, Viyi, et.al.(2023) The prevalences and levels of occupational exposure to dusts and/or fibres (silica, asbestos and coal): A systematic review and meta-analysis from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury, *Environment International* 178, [cdc_230317_DS1.pdf](#)

Jamshidi, P., et.al. (2025) Review Article: Silicosis and tuberculosis: A systematic review and meta-analysis, *Pulmonology*, 31(1). [Full article: Silicosis and tuberculosis: A systematic review and meta-analysis](#)

Calvin, Ge, et.al (2020) Respirable Crystalline Silica Exposure, Smoking, and Lung Cancer Subtype Risks. A Pooled Analysis of Case–Control Studies, *American Journal of Respiratory and Critical Care Medicine*, 202(3). [Respirable Crystalline Silica Exposure, Smoking, and Lung Cancer Subtype Risks. A Pooled Analysis of Case–Control Studies | American Journal of Respiratory and Critical Care Medicine](#)

Takashi Sato, Takeshi Shimosato and Dennis M Klinman (2018) Silicosis and lung cancer: current perspectives, Oct 26;9:91-101 *Lung Cancer (Auckland)*. [Silicosis and lung cancer: current perspectives - PMC](#)

Narongkorn Saiphoklang (2025) Silicosis and Pulmonary Functions Among Residents Exposed to Dust in Saraburi Thailand. *Diseases* 13(11), [Silicosis and Pulmonary Functions Among Residents Exposed to Dust in Saraburi Thailand](#)

Bhagia LJ. (2012) Non-occupational exposure to silica dust. *Indian J Occup Environ Med*. Sep;16(3): 95-100. [Non-occupational exposure to silica dust - PMC](#)

Wang D, Li W, Zhou M, Ma J, Guo Y, Chen W (2025). Long-term exposure to low-level crystalline silica and risk assessment of silicosis: a cohort study. *Thorax*. Jun 16; 80(7): 451-456.