

# Prevalence of self-reported work-related illness and injuries among building construction workers, Shiraz, Iran

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## Abstract

The construction industry is one of the largest and most hazardous industries in the world, which has a direct role in the development of countries. The purpose of this study was to investigate the prevalence of self-reported work-related illness and injuries among construction workers in Shiraz, Iran. 850 randomly selected workers from 2450 construction sites completed a self-statement questionnaire regarding the prevalence of self-reported work-related illness and injuries (WRIs), in Shiraz, Iran. The association of WRIs with demographic variables were studied. The overall prevalence rate of occupational injuries was 31 %. Musculoskeletal disorders (53.3 %), eye diseases (34.1 %) and skin diseases (30.1 %) have been the most prevalent work-related illnesses among construction workers, respectively. The prevalence of WRIs among construction workers was significantly associated with age, education, marriage, work experience, safety training programs and number of workers in the workplace as well as employment status. Considering the high prevalence of WRIs among construction workers, more stringent occupational safety and health interventions are recommended in construction workplaces.

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