

عنوان مقاله:

A Questionnaire Survey of Tehran Bus Drivers' Musculoskeletal Health, Work-Related Risk Factors: A Comparison between BRT and Ordinary-Bus Drivers

محل انتشار:

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خلاصه مقاله:

Purpose: To evaluate the prevalence of the Musculoskeletal Disorders (MSDs) amongst urban Ordinarybus and BRT-bus drivers (O-BDs and B-BDs respectively). **Method:** 314 urban O-BDs and B-BDs in Tehran city were asked through Standard Nordic Questionnaire added by some general questions required for the research. It was then analyzed via SPSS 18 (PASW) software. **Results:** All disorders except for the one at Left-wrist region showed no significant differences between O-BDs and B-BDs. Parameters age, bus model, years of professional bus driving, working days per month, working minutes per day, time taken in each half-way with and without traffic jams, sporting and smoking have yielded significant outcomes across these two groups of bus drivers. Besides, B-BDs have shown their mean to be greater than O-BDs with the aspect of working days per month, and time taken in each half-way with and without traffic, and O-BDs have shown to be greater than B-BDs in mean with respect to working minutes per day. **Conclusions:** Although B-BDs, on average, work fewer hours per month, and their typical more up-to-dated bus systems provide them with better working conditions, and also their driving mostly in dedicated lanes keeps them more distant from common street traffic jams, they have shown no significant differences with O-BDs in almost all of the disorders, due to prolonged and non-interrupted half-ways besides significantly less resting times at terminals.

کلمات کلیدی:

(Musculoskeletal Disorders (MSDs); BRT-Bus Driver (B-BD); Ordinary-Bus Driver (O-BD)

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