

## **Prevalence of Work Related Fatigue in Cab Drivers of Pune City**

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### **A B S T R A C T**

**Background:** Fatigue is a critical yet often overlooked issue affecting the safety, health, and productivity of drivers in the informal transport sector. Cab drivers, who form a vital part of urban transportation networks in many developing countries, are particularly vulnerable due to long working hours, irregular sleep patterns, and poor working conditions. Prolonged exposure to traffic congestion, noise, pollution, and physical strain contributes to both physical and mental exhaustion. This study aimed to explore the risk of fatigue among cab drivers, and its effects in improving overall road safety and driver welfare. Fatigue is a significant health and safety concern, especially among individuals engaged in occupations that demand prolonged attention, physical exertion, and irregular working hours. Fatigue assessment scale was used for the fatigue assessment, It was seen that 55.20% participants were having fatigue. The results of the assessment can contribute to the development of targeted interventions and policy recommendations to improve driver health, enhance occupational safety, and reduce the risk of fatigue-related accidents on the road.

**Methods:** Total 96 participants were included in this study, they were evaluated by using Fatigue Assessment scale.

**Conclusion:** More than half of the participants were affected by fatigue.

**Key words:** Fatigue, cab drivers, fatigue assessment scale, occupational health.