

The 5-year study of the mortality resulting from traffic accidents in Iran

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Abstract

Background and objectives: The current process of traffic accidents shows that the mortality caused by traffic accidents will be the 5th main reason of mortality by 2030 if no intervention is performed. Interventions like the one in 1384 by traffic police can have major impact on reducing accident rates. This study tries to investigate the 5-year process of mortality resulting from traffic accidents in Iran.

Material and Methods: This study examines the statistics of deaths ecologically caused by accidents and related variables affecting it in Iran and big cities which are Tehran, Khorasan Ravazi and Fars from 1384 to 1390.

Results: The findings show that during 5 years, 120070 deaths have occurred in the whole country as a result of traffic accidents which is 1096 deaths lesser than five years before that when the rate of deaths was 121166 deaths. The mortality was decreased in all age groups during 2 years after the intervention of the police in 1384 and in the final 3 years of the period, the mortality rate was constant except for 2 groups of ages (1-17 and 18-24) that show reduction.

Conclusion: The evidence indicates a profound and positive impact of rules and improving culture in 1384. Therefore, we suggest that the establishment of appropriate rules and completion of existing laws by the parliament may lead to the reduction of such rates.

Key Words: Mortality, Traffic accidents, Intervention

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