Road traffic crashes in rural setting: An experience of middle income country

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Objective: To date, there has been little information published on rural road traffic death. This study uses burden of injury method to arrive at a more accurate estimate of years of life lost due to road traffic crashes occurring over a four-year period in Guilan province, northern Iran.

Methods: Rural road traffic deaths from 2009 to 2013 were extracted from Iran’s Forensic Medicine System, Death Registry System and Road Trauma Research center database.

Results: During study period, the average of years of life lost due to road traffic crashes was 13.8 per 1000 population, ranging from 11.9 during March 2011-12 to 15.8 per 1000 persons during March 2012-2013.

Conclusion: Road traffic death in 2013 remained at the same high level as in 2009. The information obtained from this study provides a new perspective about the fatal road traffic crash victims that need more attention in rural setting.

Key words: Accidents, traffic; Iran; Mortality