



Increasing Trends of Traffic Accidents in Quetta: Causes and Solutions

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Abstract—Road accidents are one of the leading causes of death and injury in today's world, especially in developing countries. The current research was conducted to identify the main possible causes and solutions for the rising pattern of road accidents in the Quetta city of Pakistan. Sex, age, and affected body parts were considered to analyze the data, collected from the Sandeman Hospital (Formerly named Civil Hospital) Quetta. The results showed that males between the ages of 23 to 35 years (37.36%) followed by the age group 36 to 50 years (35.03%) are the most affected, with the upper limbs (40.77%) being the most affected body parts. Unlicensed drivers, heavily loaded vehicles in restricted areas, lack of traffic signals in the city and surroundings, violations of traffic laws, and poor road infrastructure are all possible causes of accidents. The proposed solutions include proper enforcement of safety rules and regulations, road maintenance, routine vehicle inspections using state-of-the-art remote sensing techniques, and vehicle load restrictions.

Keywords—Road Accidents, Quetta, Sandeman Hospital Quetta, Causes, Solutions