

## **Analysis of Traffic Accidents on Amhara Region Main Roads**

Belete Mulugeta Begna<sup>1</sup>

<sup>1</sup>Lecturer Civil Engineering Department, Wollo University, Kombolcha Institute of  
Technology, Ethiopia PO BOX 208, Ph: +251912025433,  
belete.begna@gmail.com

### **ABSTRACT**

When one vehicle collides with another, with a pedestrian or an animal, with road debris, or with another stationary object, such as a tree or utility pole, it causes injury, death, or property damage. In 2020, road traffic injuries will be the second leading cause of death worldwide. It is now the leading cause of death among young people aged 15 to 29. Every year, over a million people are killed or injured on the world's roads, causing billions of dollars in damage. Ethiopia has a higher rate of road traffic accidents (RTA). Because the Amhara region of Ethiopia is a developing region, there are road traffic accidents as a result of personal and environmental factors. The purpose of this research is to identify the root causes of high road traffic accidents in the Amhara region. These case studies help the community understand the major risk factors that contribute to the Amhara region road traffic accidents and injuries. The study's goal is to identify the major causes of road traffic accidents in northern Ethiopia's Amhara region. Despite the fact that funds were limited, the study was completed by adding personal finance and property for two years. Despite the lack of local publications, the study was supported by a review of various local and international publications. The study area corresponds to the RTA well. 177 Data is primarily gathered through interviews, but it is also gathered through focus group discussions, observations, and measurements. Secondary data from the Amhara region police commission bureau has been thoroughly evaluated. There is also a density of accidents per kilometer and a rate of accidents per million. It is calculated to enter Vehicles. The outcomes of the discussions reveal the primary cause of regional road accidents. The driver's, vehicle's, and pedestrian's errors are all listed and ranked. Road traffic accidents are well-advised, as are prevention strategies.

**Keywords:** *Road, Traffic, Accident, causes, Vehicle, Amhara region*