Qatar is a rich developing country, which suffers the consequences of explosions in both human and vehicle population. This has been accompanied by a heavy toll of deaths. Road accidents in Qatar do not only represent an important social problem but also an economic one. There is room for improving traffic safety in Qatar. A comprehensive traffic safety program is urgently needed.

In this paper an assessment of the current level of road safety in Doha, Qatar is made utilizing data obtained from secondary sources. The road safety level in Doha is assessed considering four parameters, namely, accident severity index, accident fatality rate, accident fatality risk and accident risk.