



ROAD SAFETY: the solution is in the analysis

Miryam Moya • March 2020



Nowadays more than 1.25 million people die in traffic accidents each year, on average 3,287 deaths a day.

An additional 20-50 million are injured or disabled.

The United Nations, aware of the challenge facing the world in terms of road safety, declared the decree of 2011-2020 "Decade of Action for Road Safety" with the commitment to stop and begin to reverse the current trend of increase in the number of victims in road accidents worldwide by 2020.

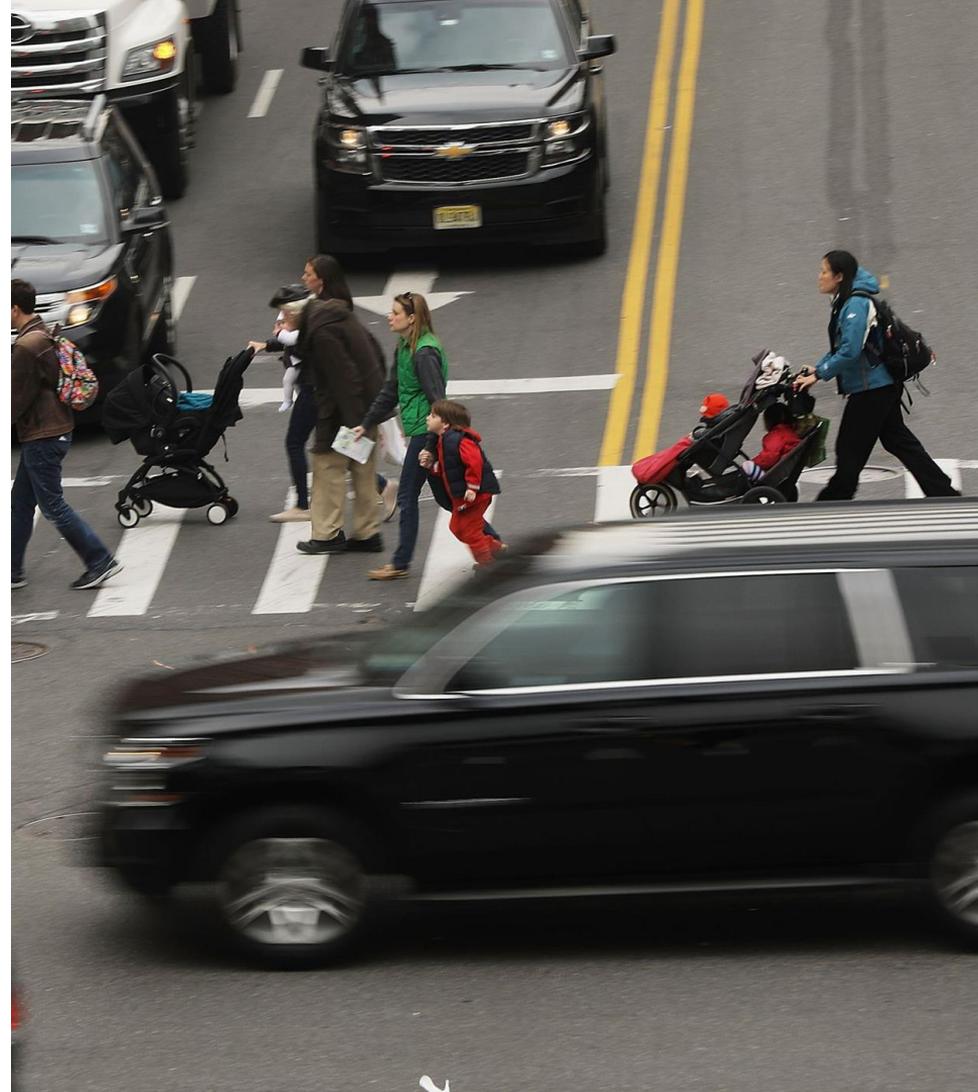
Road traffic crashes rank as the 9th leading cause of death and account for 2.2% of all deaths globally.

More than half of all road traffic deaths occur amongst young adults aged between 15-44.

Each year nearly 400,000 people aged under 25 die on the world's roads, on average over 1,000 a day.

Road crashes are the leading cause of death among young people aged between 15-29, and the second leading cause of death worldwide among young people aged between 5-14.

Traffic accidents are the biggest killer of young people worldwide.





Someone dies every 30 seconds in the world due to a traffic accident.

The death and serious injury rate in traffic accidents is so high that getting into a vehicle is one of the most dangerous things that a human being can do in his life.

It is among the top 10 killers of human beings in the world. Road accidents are responsible for more deaths every day than any wild beast or natural catastrophe.

Road accidents kill more people than wars. More died in 2015 than the number of American soldiers killed in combat in Vietnam which was 58, 220.

Deaths and serious injuries devastate families and communities, causing incalculable anguish and financial hardship.



Traffic accidents cost low and middle-income countries USD \$ 65 billion annually, exceeding the total amount received in developmental assistance.



Casualties and fatalities reduce efforts to combat poverty and share prosperity. Up to 5% of GDP in poorer nations is lost as a result of road accidents due to the expenditure on emergency services, medical care and the loss of manual labour.



Traffic accidents cost USD \$ 518 billion globally, costing individual countries 1-2% of their annual GDP.

In 2017 the annual GDP of the United States was 19.39 billion USD.
1% of that GDP is 193.900 million dollars.

Unless action is taken, road traffic injuries are predicted to become the fifth leading cause of death by 2030.

Reducing the number of injured and killed by road accidents will mitigate suffering, trigger growth, and free up resources for more productive use.

“PREVENTION SAVES MORE LIVES THAN ACTING AT THE LAST MOMENT”

Sadly we see it daily in the current Covid-19 pandemic.

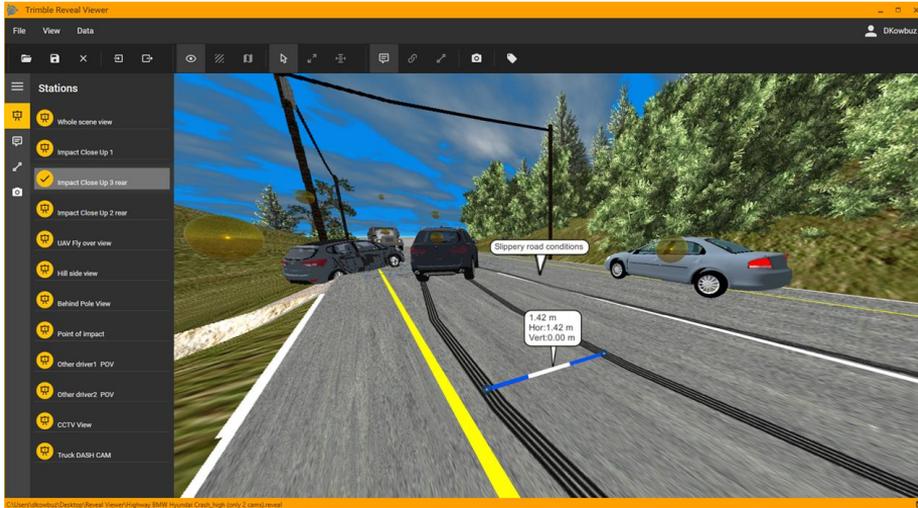
To improve road safety in a country, the measures we must take include: analysis of road accidents, improving human behavior by reinforcing laws, improving infrastructure and emergency services response.

Road safety data is analyzed to understand why accidents occur, what factors influence risks, and what determines the severity of the crash, and based on this understanding, reach reliable conclusions on how to prevent them safely and more effectively.



It is more effective to prevent traffic accidents than to suffer their tragic consequences.

Trimble Forensics offers full hardware solutions with field and office software that us, as researchers can rely on to collect, document, analyse and present the facts of an incident with confidence.



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A photograph of the Golden Gate Bridge in San Francisco, partially obscured by a thick layer of fog. The bridge's iconic red towers and suspension cables are visible against a grey, misty sky. The water below is a dark, calm blue.

Reduce the probability of death and serious injury through strategic approaches based on engineering data, application, education, evaluation and community participation. We can and must take the important steps that will make a difference and save lives.

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