Road Safety in Jordan

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Road Safety in Jordan

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Introduction

- Traffic accidents cause serious threat to human life worldwide, Traffic fatalities nowadays compete deaths diseases such as heart disease and cancer.

- Jordan is considered one of the top countries worldwide in terms of having higher number of traffic accidents involving fatalities and injuries. In 2014 were left (688) fatalities and (2063) Seriously injured

- Estimated cost of traffic accidents about 238 million (JD) in 2014.
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Institutional Framework

Main Authorities

- Ministry of Transport
- Land Transport Regulatory Commission
- Public Security Directorate
- Ministry of Public Works & Housing
- Greater Amman Municipality
- Municipalities

Traffic Department

Drivers & Vehicles licensing Department

Jordan Traffic Institute

External patrols
Facts, Numbers & Figures
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Fatalities per 100,000 Population in 2013

* SOURCE: Statistical Database - JTI
Fatalities in road accidents (per 100,000 Population) in Jordan (2005-2014) compared with the global average and the average for developed countries

*SOURCE: JTI 2014*
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The causes of fatalities accidents in Jordan, 2014

- Human element: 94.96%
- Vehicle: 3.19%
- Road: 1.85%

Accidents according Type of accident, 2014

- Crash: 94.45%
- Deterioration: 1.80%
- Run Over: 3.75%

Fatalities according to Road User, 2014

- Pedestrian: 37.06%
- Passenger: 31.40%
- Driver: 31.54%

*SOURCE: JTI 2014*
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Chronological index of traffic accidents and results, 2014

- Approximately every 35.54 minutes, a person is injured in a traffic accident.
- Approximately every 13 hours, a person is killed in a traffic accident.
- Every 5.13 minutes, approximately a traffic accident occurs.
- Every 2.28 hours, a pedestrian accident occurs.

*SOURCE: JTI 2014*
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Number of vehicles and increasing rate (2005-2014)

- Annual Increase Rate in Vehicles Numbers (7.78%) for the last 10 years

*SOURCE: JTI 2014*
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Number of accidents and increasing rate (2005-2014)

Annual Increase Rate in Traffic Accidents ≈ (3.2%) for the last 10 years

*SOURCE: JTI 2014*
Fatalities and increasing rate (2005-2014)

- Annual Decrease Rate in Fatalities Numbers (0.7%) for the last ten years

*SOURCE: JTI 2014*
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Injured and increasing rate (2005-2014)

- Annual Decrease Rate in Injured Numbers (1.4%) for the last ten years

*SOURCE: JTI 2014*
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**Fatalities, Age category, Road user, 2014**

- Recorded Age category (+60) and (3–5), the highest rate of pedestrian fatalities (16.47%) and (10.20%), respectively.
- And Age category (27–29) the highest percentage (11.98%) of the fatalities of drivers.
- And recorded Age category (0–2), the highest percentage (14.81%) of the fatalities of the passengers.

*SOURCE: JTI 2014*
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Estimated cost for road accidents (2005-2014) (million JD)

*SOURCE: JTI 2014*
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Road Safety Efforts

✓ A National Transport Safety Program in place within the Long Term National Transport Strategy (LTNTS).

✓ A Traffic Safety Plan (2013 - 2017) prepared by traffic police, which targets the reduction of road traffic crashes (20%).


✓ Legislation (Traffic Law, Transport Law, Regulation of Affairs of Transport Accident, Instructions of Investigation of Transport Accident).
Studying the most dangerous intersections and road sections, in cooperation with the Traffic Police and other agencies, and finding safety-enhancing solutions, such as traffic signals, crosswalks, pedestrian bridges and pedestrian tunnels.

Applying intelligent traffic control and management systems (ITS) (E-kroka system, violation using Personal Digital Assistant, Speed cameras (fixed and removable), Automatic vehicle location, Geographic Information System).

Participating in traffic safety awareness campaigns, in cooperation with other agencies and non-governmental organizations, such as the Hikmat Road Safety Organization and the Royal Health Awareness Society (KAFA Program).
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Road Safety Challenges

✓ Large growth of vehicles ownership
  1 vehicle \ 12 persons in 1985 while 1 vehicle \ 5 Persons in 2014.

✓ Aggressive driving behavior

✓ Lack of safe roads design and routine maintenance

✓ Poor protection for pedestrians

✓ Children, youths and elderlies are the most affected

✓ Public transportation is the less safe transport mode

✓ Driving without a driving license still widespread

✓ Poor operating conditions in the trucking sector
Activate the Supreme Council for Road Safety (SCRS), which was set up in 2008 under the Ministry of Interior, including all relevant stakeholders.

SCRS will take the lead on setting up policies, overseeing all areas of traffic safety in terms of the preparation of plans and programs, the development of specific design standards of roads, and examination of drivers, in addition to traffic awareness.

Invite all key stakeholders at least once a year to discuss nationwide road safety problems in view of international best practices and national priorities.

Assistance from the UN, Special Envoy, Agencies is requested.
Thank You