Road Safety for Israeli Youth: Results of ETSC PIN ranking

PIN Talk Israel, 15 November 2011

Knowledge for Leadership – ETSC’s Road Safety Performance Index
Assessing road safety performance across Europe

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A science-based approach to road safety policy

- Bringing together **45 organisations** from across Europe to promote science-based transport safety measures at EU level.

- More than **200 international experts** contributing to ETSC’s Positions, Press Releases, Newsletters,...

- **A non-profit and non governmental organisation based in Brussels** to insert the knowledge of ETSC members and experts into EU transport safety policy-making

- The European Commission, member organisations, member states and corporate sponsors are funding our work.

www.etsc.eu
ETSC Activities

Monitoring EU transport safety policy

Road Safety Performance Index (PIN) - Ranking EU countries’ performances

Roads to Respect Infrastructure Safety

PRAISE Work-Related Road Safety

STudents Acting to Reduce Speed

Safe & Sober Campaign and Drink-driving policy network

Road Safety ‘At’ Work and ‘To’ Work

European Transport Safety Council
ETSC PIN Programme

• Launched in June 2006 to compare country performance in road safety

• Currently includes the 27 EU Member States, as well as Israel, Norway and Switzerland

• A PIN Panel: well-placed experts from each of the 30 countries provide the data

• A PIN Steering Group with members from
  o SWOV, VTI, DaCoTA
  o European Commission
  o PIN sponsors (Swedish Transport Administration, Norwegian Public Roads Administration, Toyota)
Performance index so far

- Annual number of deaths (all PIN reports)
- Deaths on rural roads (PIN report 2011)
- Unprotected road users
- Serious injuries (PIN report 2010)
- Seat belt use
- Deaths from drink driving
- Driving speeds
- Deaths among children (PIN report 2009)
- Car safety (" " 2009)
- Deaths among older road users (PIN report 2008)
- Deaths on motorways (" " 2008)
Which countries achieved the best progress?

Percentage change in road deaths between 2001 and 2010

- Latvia: -61%
- Estonia: -61%
- Lithuania: -58%
- Spain: -56%
- Sweden: -52%
- France: -51%
- Israel: -35%

EU27: -43%
Israel ranking 8th out of 30 countries in road deaths per million population.

EU27: 112 in 2001
EU27: 62 in 2010

Sweden 28
UK 31
Malta 36
Israel 46

* Provisional for 2010  ** Estimated for 2010
Young people at higher risk than the rest of the population

Road mortality for people 15-30. EU average 119
Road mortality at all other ages. EU average 68

Sweden 53
NL 59
CH 60
Israel 70

15-30: 119
All other: 68
Males at higher risk than females

Young people’s road mortality per million young people, in total and by gender

- Sweden: 80, 24
- NL: 92, 26
- CH: 95, 23
- Israel: 102, 16

The chart shows the road mortality rates for young people in various countries, comparing males and females. Males are generally at higher risk than females, with Sweden having the highest rates for both sexes (80 for males, 24 for females) and Israel having the highest rates for males and the lowest for females (102 for males, 16 for females). The EU average for both sexes is 119.
Sweden, NL, Switzerland

- High level of overall road safety
- Vision Zero
- Safe System Approach
- Enforcement, in particular safety camera
- High sanctions, linked to salaries (SE, NL)
- Credible speed limits
- Traffic calming (‘self enforcing roads’)
- Public transport, town planning
- Parents respecting traffic laws
  = young drivers reproduce their parents’ ‘good’ behaviour
Reduction in mortality since 2001

Annual average % change in road mortality of young people (15-30)

Latvia - 12%
Portugal - 11%
Spain - 11%
Spain - 10%
Spain - 8%
EU average -6.1%
Latvia, Spain, France

- Police enforcement and stricter sanctions for all
- Penalty point system for all drivers (stricter for novice drivers)
- Lower alcohol limit for novice
- Education and campaigns (BOB, …)
- Raise of the minimum age for driving a moped (Spain)

- Fully automatised safety camera system = THE measure with the highest impact
Young drivers an important cause for concern

40% of all road deaths happen in a collision involving a young driver (18-25)

EU average 2010: 37.4%
EU average 2001: 40.6%

Average of last 3 years
Beginning of decade
Israel

✓ Lower alcohol limit for novice drivers
✓ Campaigns (designated driver, female angels)

Room for improvement:

- Speed management, credible speed limits, traffic calming (roundabouts, …)
- Increased enforcement
- Graduated Driving Licence:
  - longer accompanied driving time
  - night time restriction
  …
To know more….

- ETSC (2011), 5th PIN Report,  
  http://www.etsc.eu/PIN-publications.php

- To be published 29 November 2011: PIN Flash  
  “Reducing road deaths among young people”
  
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Thank you for your attention