

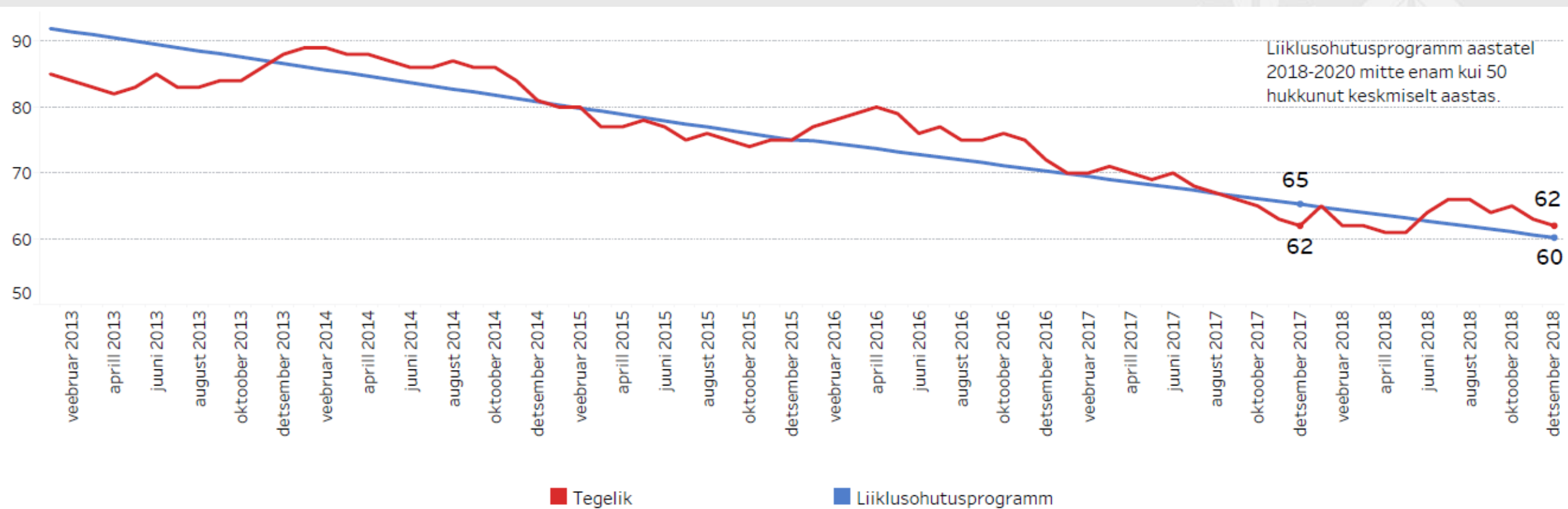


REPUBLIC OF ESTONIA  
ROAD ADMINISTRATION

# Road Safety in Estonia

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**Deputy Director General**

# Road Safety Programme Strategic Goal and Actual Road Fatalities



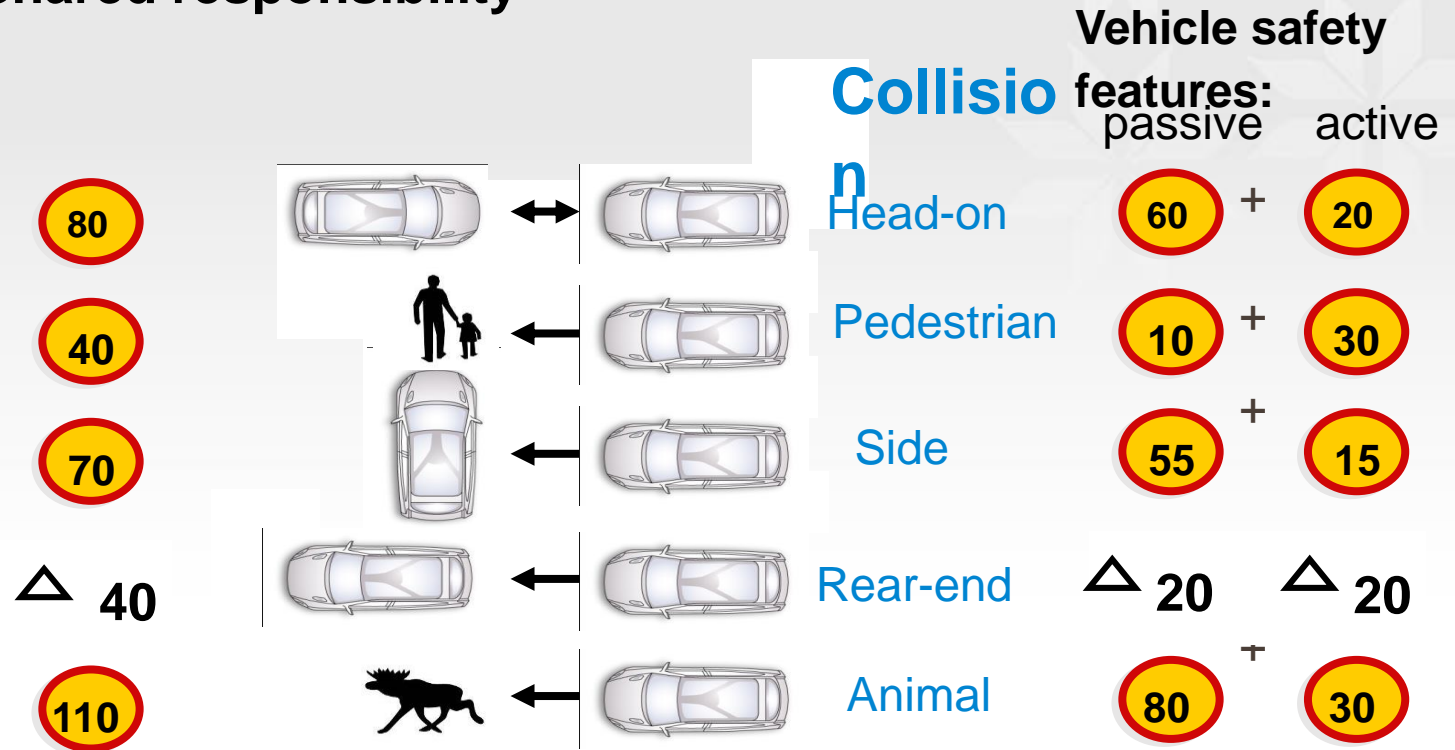
# Estonian Road Safety Programme

- **General part of the Road Safety Programme**
  - Sets general objectives and measures
  - Sets main principles of road safety activities
  
- **Implementation plan of the Road Safety Programme**
  - 4-year roll-on action plan under each measure
  - Each action in the plan has its goal, deadline and responsible stakeholder;
  - Action Plan sums up the costs of road safety activities

<https://www.mnt.ee/et/liikleja/liiklusohutusprogramm-2016-2025>

# General principles of road safety strategy

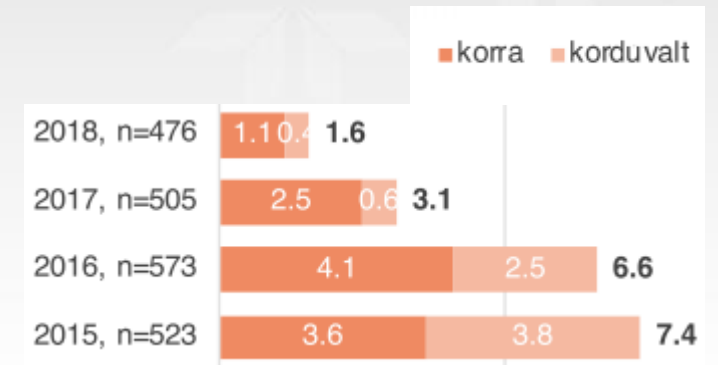
- Vision Zero as an approach. Shared responsibility
- Systematic approach
- Pro-active, not re-active
- Knowledge-based activities



# Four Main Road Safety Problems in Estonia (1)

## Driving under the influence (DUI): 2018

- 13 people died in an accident with a driver under influence of alcohol or drugs
- 209 people were injured in an accident with a driver under influence of alcohol or drugs
- During Police „all blowing“ enforcement activities 0,88% of drivers were under influence (from total 770 692 test)
- Annual self-reported behavioural survey showed 1,6% drivers were driving under influence at least once within a year **BUT** short-term and long-term trends are both positive (2017=3,1%,



## Four Main Road Safety Problems in Estonia (2)

### Distraction: 2018

- Risk factor in **10** fatal accidents (based on in-depth investigation).
- **69%** of drivers use mobile phone while driving (self-reported survey).
- **43%** of all mobile phone users always /often use hands-free systems (2017. a 40%) and **22%** use hand-held systems (2017. a 23%). In the previous three years number of hand-held mobile phone users decreased by **9%**.
- Police has detected **3770** cases of distraction while driving (2017=2554)

## Four Main Road Safety Problems in Estonia (3)

### Safety equipment (seatbelt, helmet, reflector): 2018

- Risk factor in 26 fatal accidents.
- Almost all front-seat car occupants use seat belt. (97% drivers and 95% front-seat passengers, self-reported survey)
- There are less seat belt users among rear-seat passengers (85%) and much less among bus passengers (43% only on buses equipped with seat belts)
- In general 86% of Estonian population use reflectors during night.
- Police detected 3379 violations of safety equipment use

# Four main problems in Estonian road safety (4)

## Speeding: 2018

- Risk factor in **26** fatal accidents.
- On main roads **30%** of drivers don't exceed the speed limit, **40%** on minor roads and **56%** in built-up area. (self-reported survey)
- **30%** exceed the speed limit on main roads for more than **5** km/h, **4%** of them for more than **10** km/h.
- Due to speeding 24% of drivers were at near-crash situations and 1% were involved in a road accident.
- Police registered 36 682 cases of speeding and 110 391 violations detected by speed cameras.



# Prevention and future activities

- **Media and educational campaigns on speed and speeding**
  - Started with annual national media campaigns on speeding in 2009
  - Continue prevention activities using various methods. We assess annual national campaigns by campaign detection rates (self-reported survey) and still looking for other means to measure effectiveness.
- **Speed enforcement**
  - Manual controls
  - Stationary speed cameras from 2009, total 66 measuring spots and 38 cameras.
  - Mobile speed cameras have been tested successfully. Plan to start using II half of 2019.
- **Speed management: make speeds meet road parameters on the state road network**
  - Overview the speed limits on the whole state roads network, testing and implementing a new method for speed management.
  - Cooperation with local authorities on safe speeds for streets and local roads
- **Traffic behaviour-based demerit point system for drivers is under the discussion now (?)**

# Summary

- **In order to meet the Road Safety Programme goal we have to make a considerable effort**
- **Speed is most important risk factor causing the most severe injuries**
- **Road users don't perceive the whole risk from speeding**
- **There are no simple solutions in order to fight against speeding. A system approach has to be used. Two main issues have to be tackled:**
  - **Speed limits have to be safe, meet the road parameters and clear for drivers**
  - **Drivers have to follow these speed limits**

**On-going speed related national media campaign, showing the risks of breaking a speed limit:**

- **<https://www.youtube.com/watch?v=dcUffWxYTuM&t=1s>**
- **<https://www.youtube.com/watch?v=RSuZo3m0Hnc>**



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Thank you!

**Use the road safely!**



[www.mnt.ee](http://www.mnt.ee)

# How much do we know about speed related traffic risks?

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- Take yor mobilphone
- Go to [www.yahoot.it](http://www.yahoot.it)
- But PIN code and name