

Government Status Report

GSR19'

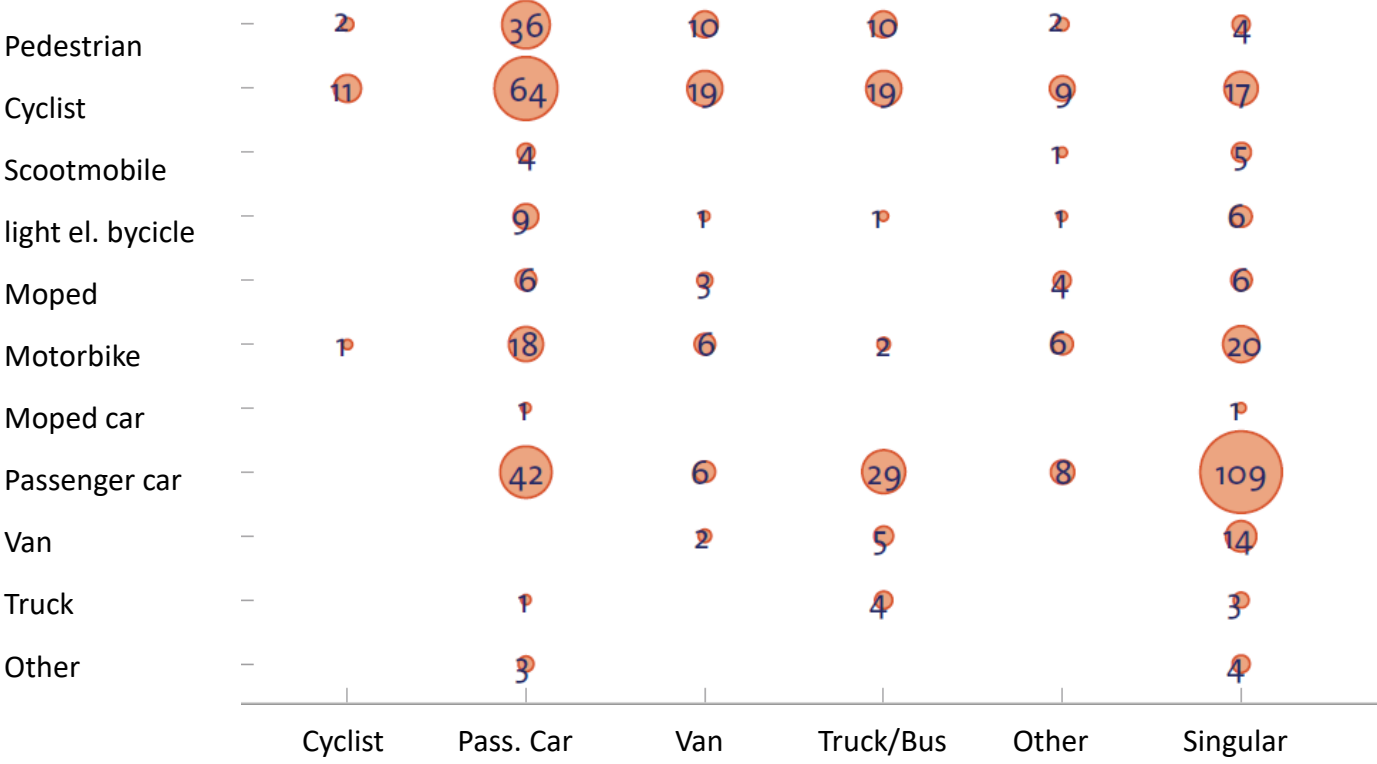


Dr. Ir. Peter Striekwold, Special Advisor to the Director RDW | **The Netherlands**

- **Status of Motor Vehicle Crashes/Fatalities/Injuries**
- **Status of Advances in Motor Vehicle and Infrastructure Safety**
- **Evolving Research/Rulemaking Strategy**
- **Status of Current Key Research Programs**

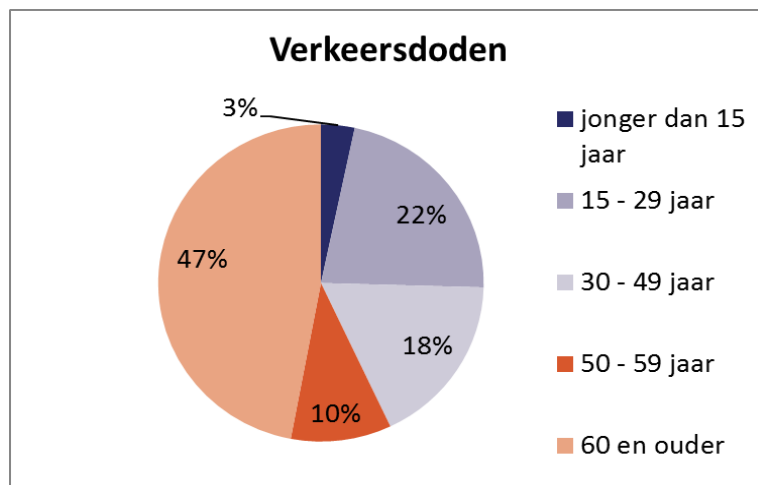
- **Source: Institute for Road Safety Research (SWOV)**
- **2017: 613 casualties, appr. 20.800 severely injured (of which 25% permanent impact)**
 - Casualties: 34% bicycles, 33% passenger cars
72% of cyclists older than 60; 31% of cyclists older than 80
 - Severely injured: 53% bicycles without motor vehicle, 11% bicycles with motorvehicle, 11% cars, 6 % motorbikes, 13 % scooters
- **The historical improvement seems to cease, figures are a bit worse than 5 years ago**

■ Fatalities: relation transport mode victim and counterpart

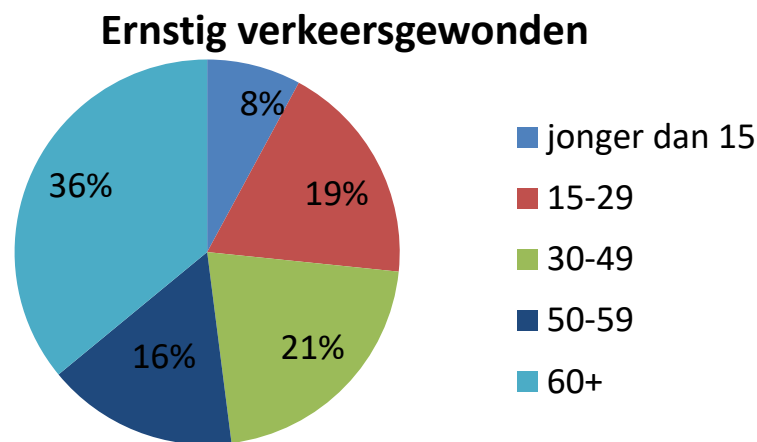


■ Fatalities and severe injuries: percentage related to age

Fatalities



Severe Injuries



- **Extension of the prohibition to use a mobile device from car drivers to cyclists (due 2019)**
- **Campaign to switch off mobile devices while driving (“drive MONO”)**
- **Publication of Strategic Plan Road Safety**

Vision how traffic safety can be improved until 2030

- Higher priority
- More and better collaboration between relevant organizations
- Risk-based approach with proper statistical analysis
- Integral approach
- Monitoring the actual effects and adjustments when appropriate

- **2019 introduction of new “Experiments Law”**
 - Stimulating experiments with fully automated vehicles without driver
 - Ministry decides per request
 - RDW coordinates related organizations for the advice to the Ministry

- **Development of a strategy for admittance of innovative vehicles (e.g. e-step)**
 - Supporting innovation without compromising safety

- **Development of a Smart Mobility roadmap**
 - Together with relevant stakeholders (RWS, RDW, CBR, SWOV)
 - Horizon 4 years, including practical consequences
 - Covering safety, security and privacy

- **National project “Vehicle Safety and Security Framework”**
 - Developing a method to assess safety and security
 - Already used with several OEM’s awaiting the UNECE requirements, includes more aspects than the UNECE requirements

- **National project “Vehicle Driving License Framework”**
 - Developing a method to assess the vehicle as driver when in automated mode, used for experiments on public roads
 - Approach is adjusted with other projects (Headstart, ...) and results may be used by UNECE working group Validation Method for Automated Driving

- **Development of ADAS covenant with all Dutch stakeholders to stimulate introduction and use**



Monday, June 10, 2019

Thank you