

# DGVP

Deutsche Gesellschaft  
für Verkehrspsychologie e.V.



**Czech  
Rehabilitation  
Conference  
08.06.15**

***Driver Improvement in Germany***  
***A close look at the German Traffic Safety System***

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***German Society of Traffic Psychology (DGVP)***  
***TÜV Thüringen Fahrzeug GmbH & Co. KG***

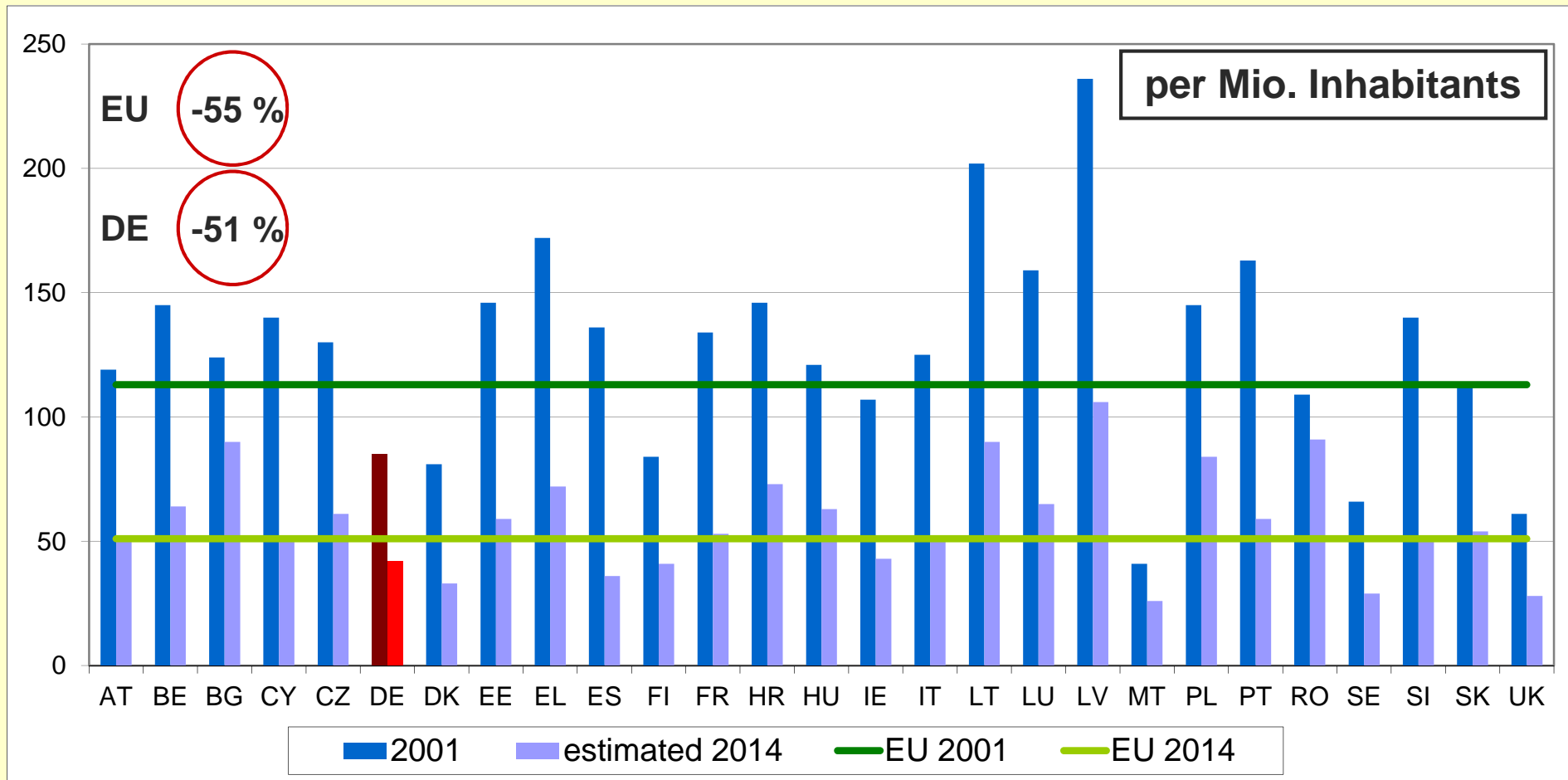


# Topics

1. Statistics
2. Traffic Medicine and Psychology within German Legislation
3. Medical-Psychological Assessment (MPA) in Germany
4. Evaluation of Driver Improvement Measures
5. Conclusions

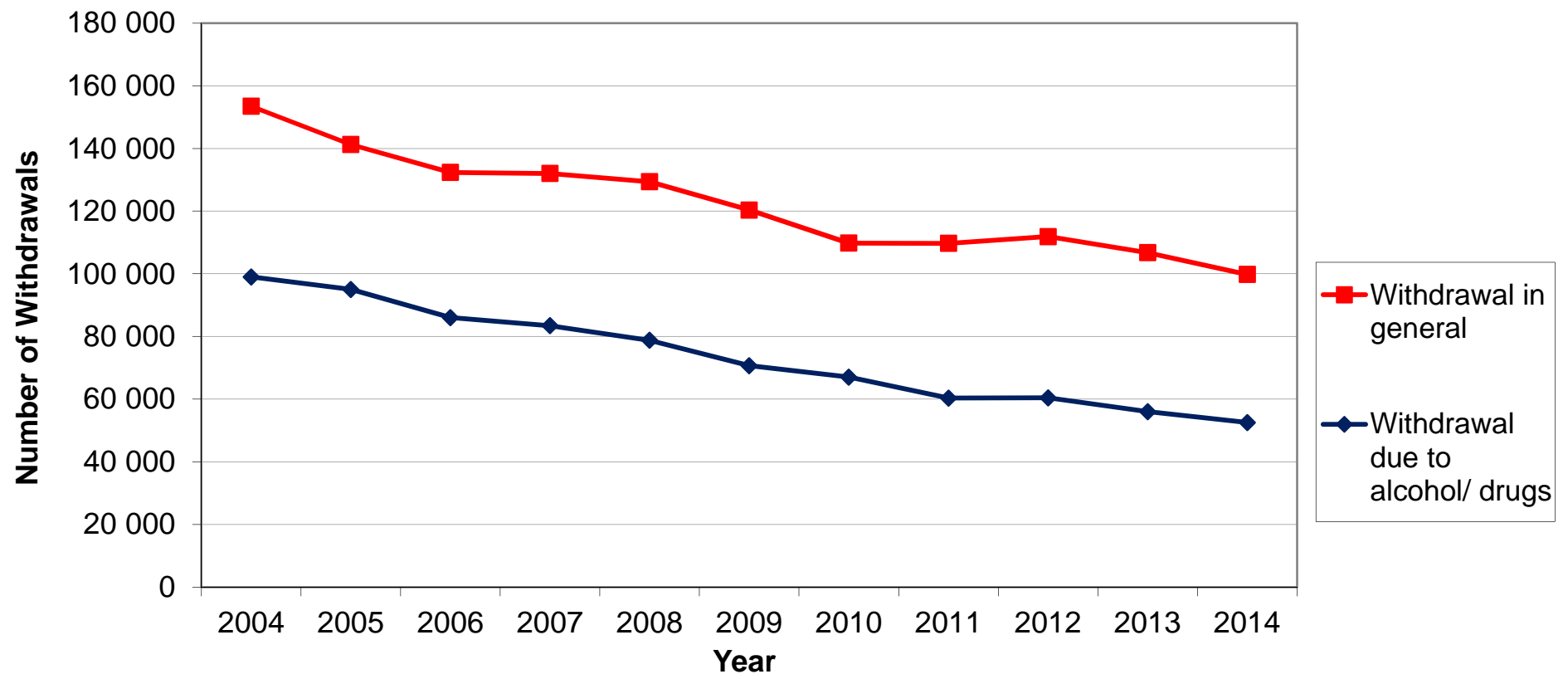


# 1. Traffic Fatalities in the EU 2001 vs. 2014





# 1. Withdrawals in Germany





## 2. Traffic Medicine and Psychology within the German Legislation

### ■ Important regulating laws

- Road Traffic Act – Straßenverkehrsgesetz (StVG)
- Driving License Regulation – Fahrerlaubnis-Verordnung (FeV)

### ■ Road Traffic Act – Straßenverkehrsgesetz

- § 2: Driving license
- § 3: Withdrawal
- § 4: Demerit point system
- § 21 – 30: Penalty regulations







## 2. Traffic Medicine and Psychology within German Legislation (MPA: Medical-Psychological Assessment)

### ■ Driving License Regulation – Fahrerlaubnis-Ver

- § 10: Exception of minimum age (MPA)
- § 11: Driving aptitude (MPA)
- § 12: Eyesight (medical assessment; MA)
- § 13: Driving aptitude and alcohol offenses (MPA)
- § 14: Driving aptitude and drug offenses (MPA)
- § 46: Withdrawal
- Annex 4: List of illnesses, handicaps and impairments influencing driving aptitude





## 2. Traffic Medicine and Psychology within German Legislation

### ■ Assessment

- Bus and taxi drivers (Medical-Psychological Screening)
- Drivers under the influence of alcohol and/or drugs (MPA)
- Drivers with multiple traffic offenses (MPA)
- Handicapped drivers (MA)

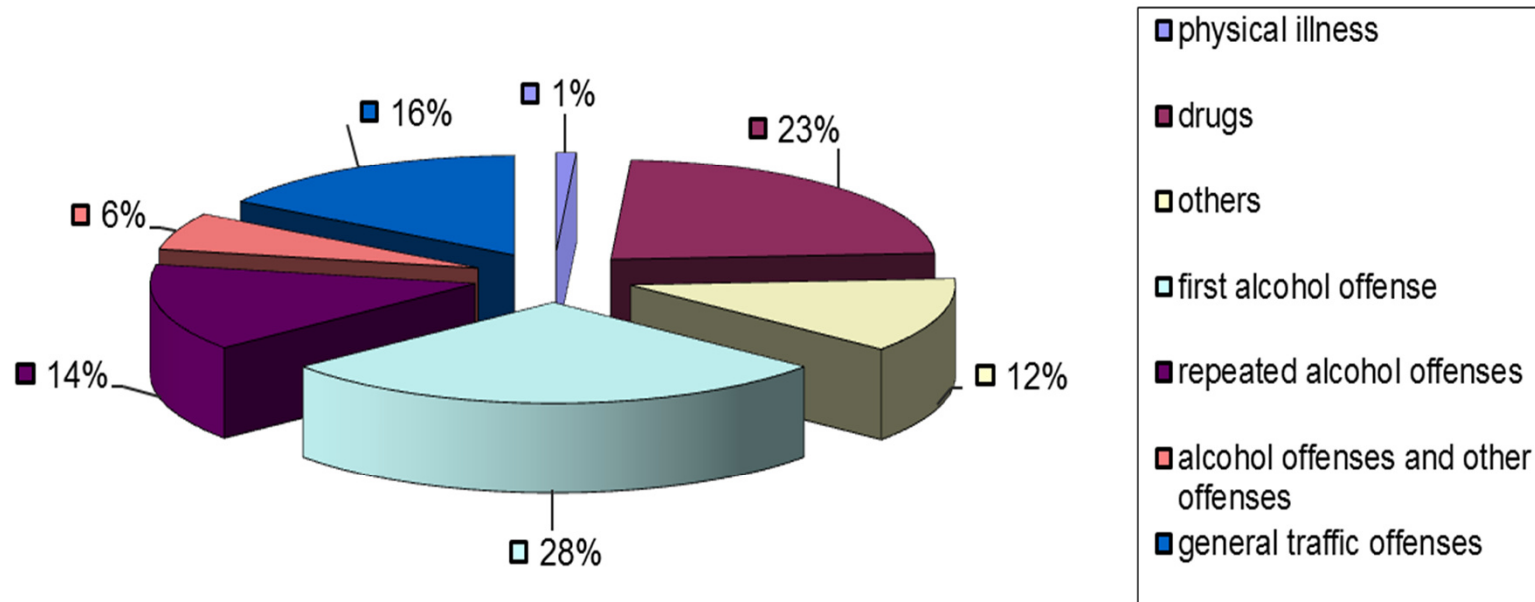
### ■ Training and rehabilitation programs

- Novice drivers with one severe traffic offense
- Drivers with multiple traffic offenses within the demerit point system
- Drivers under the influence of alcohol and/or drugs





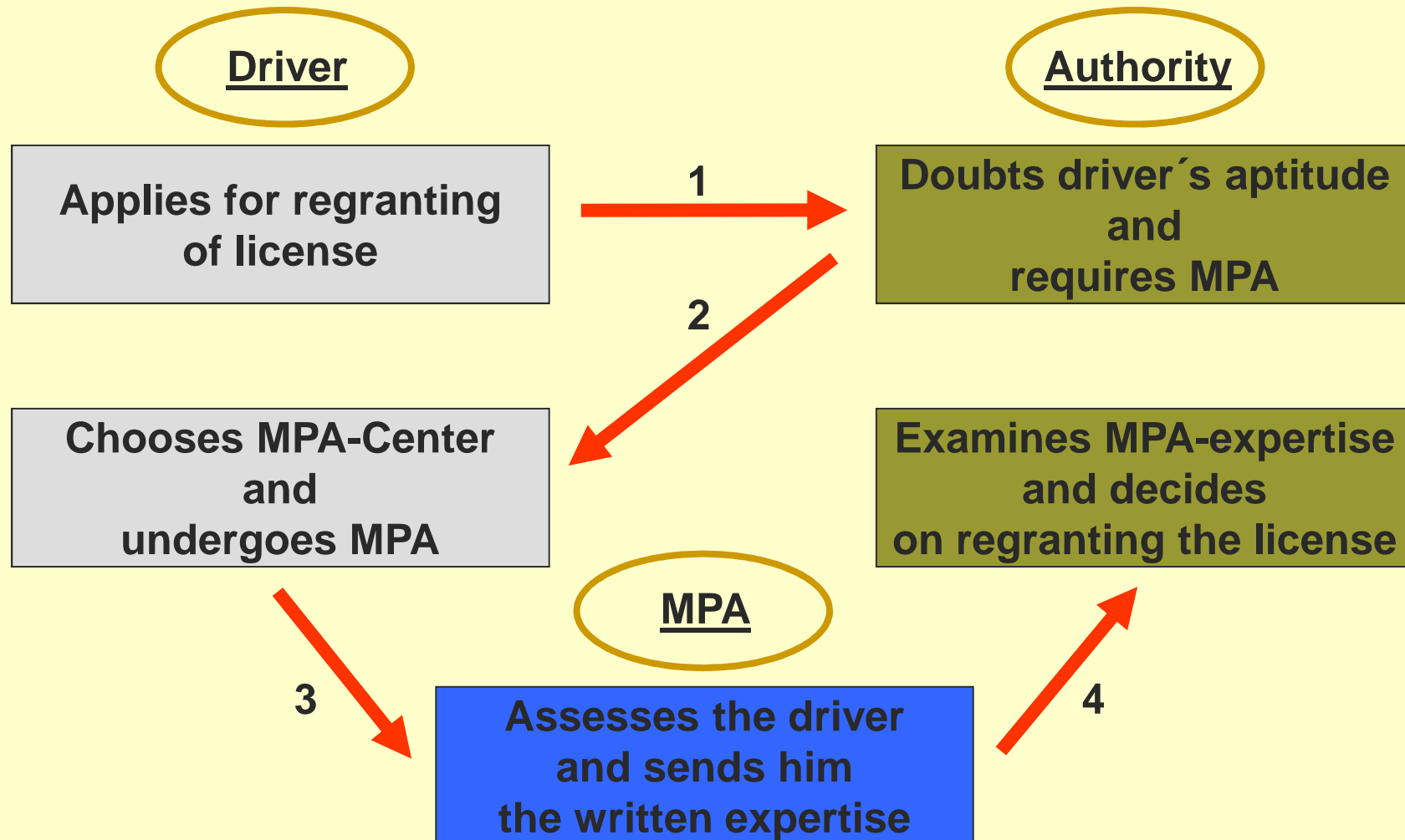
### 3. Medical-Psychological Assessment in Germany (2014: 91.536 MPA = 0,17%)





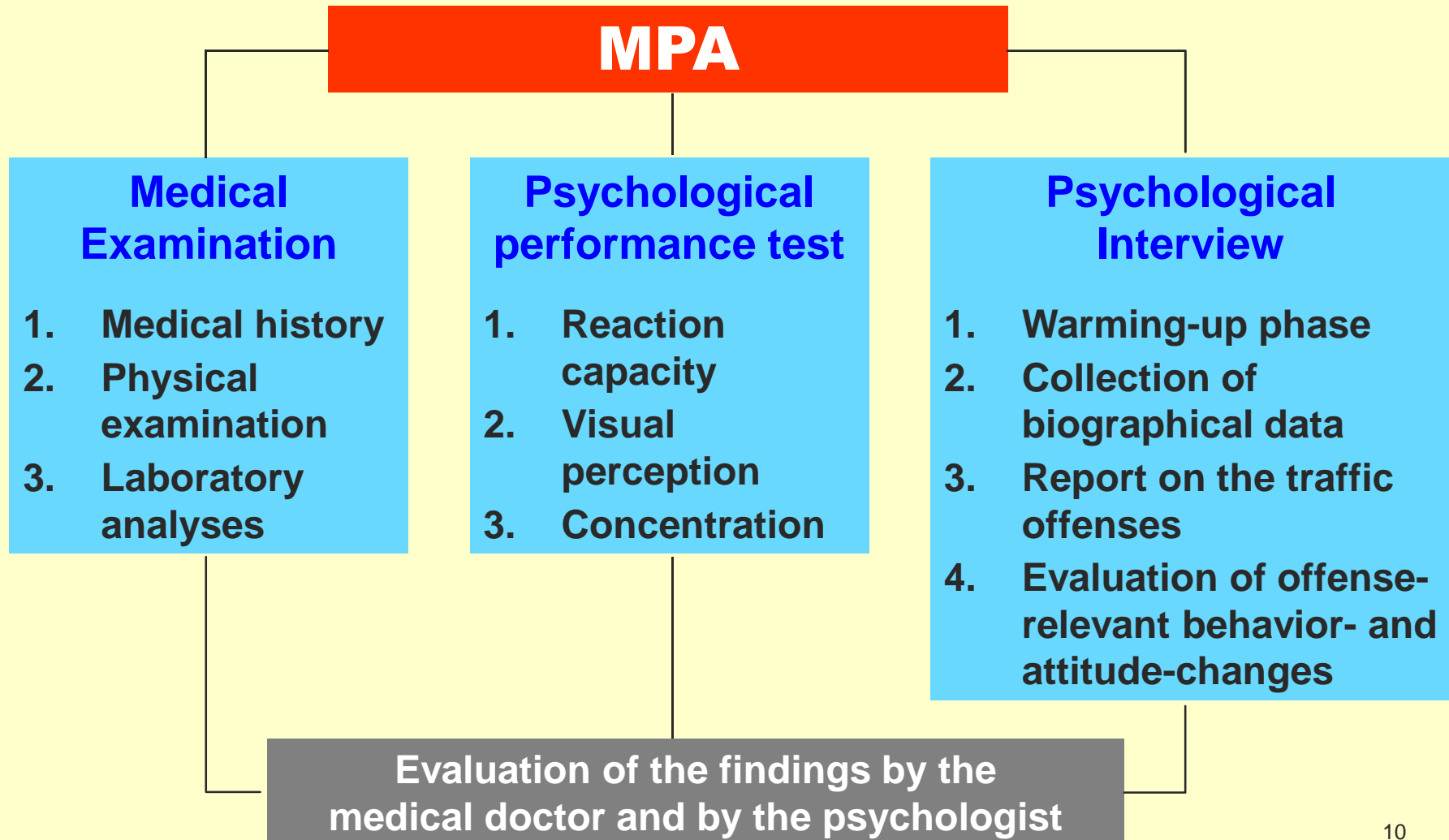


### 3. Medical-Psychological Assessment in Germany



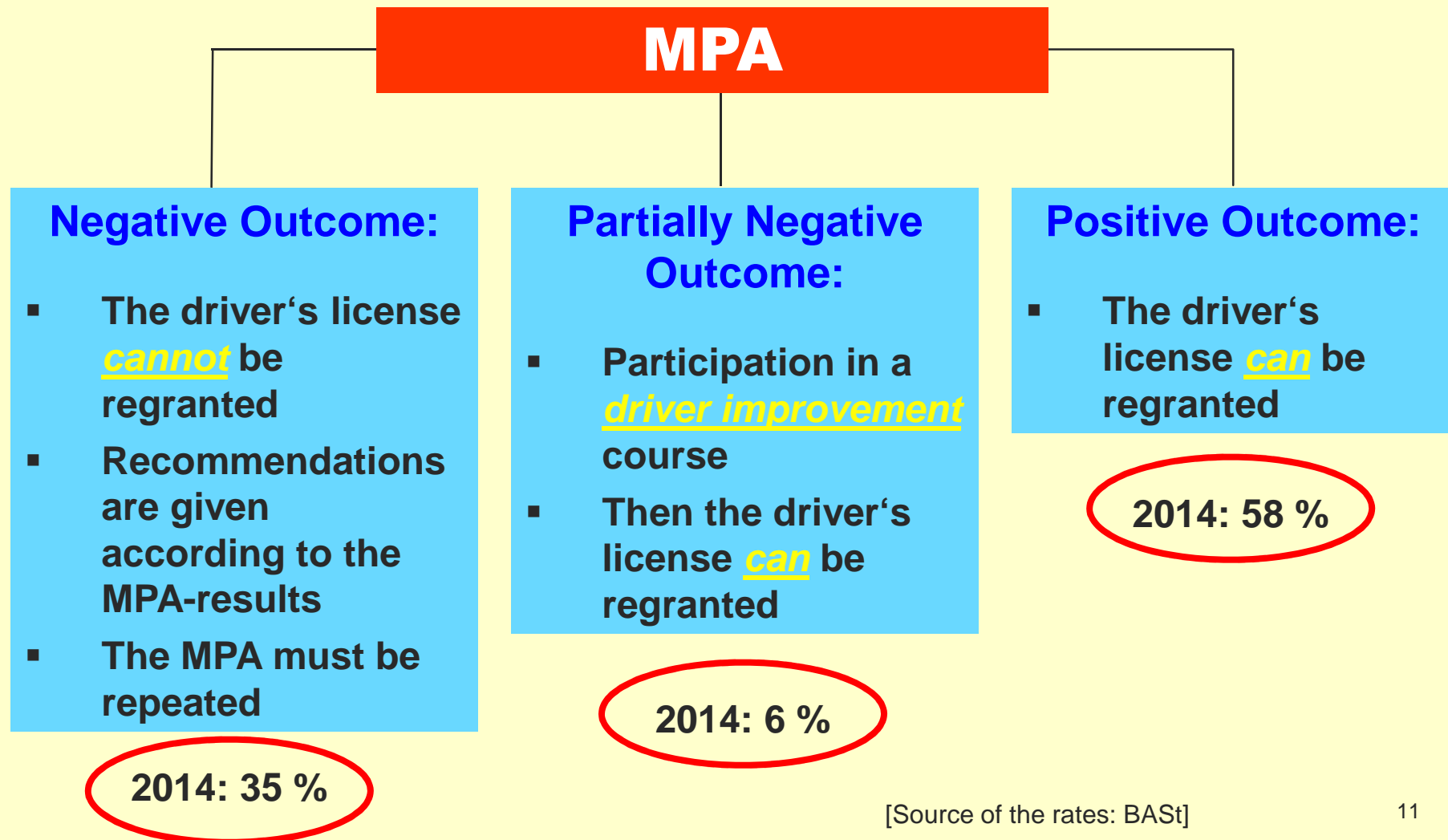


### 3. Medical-Psychological Assessment in Germany



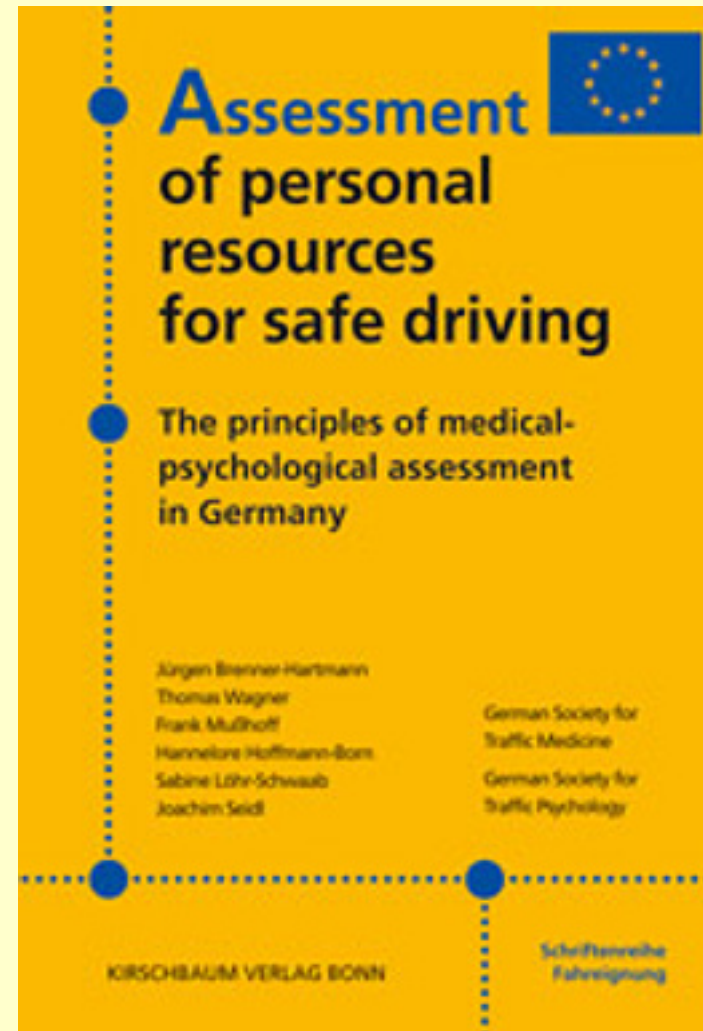


### 3. Medical-Psychological Assessment in Germany





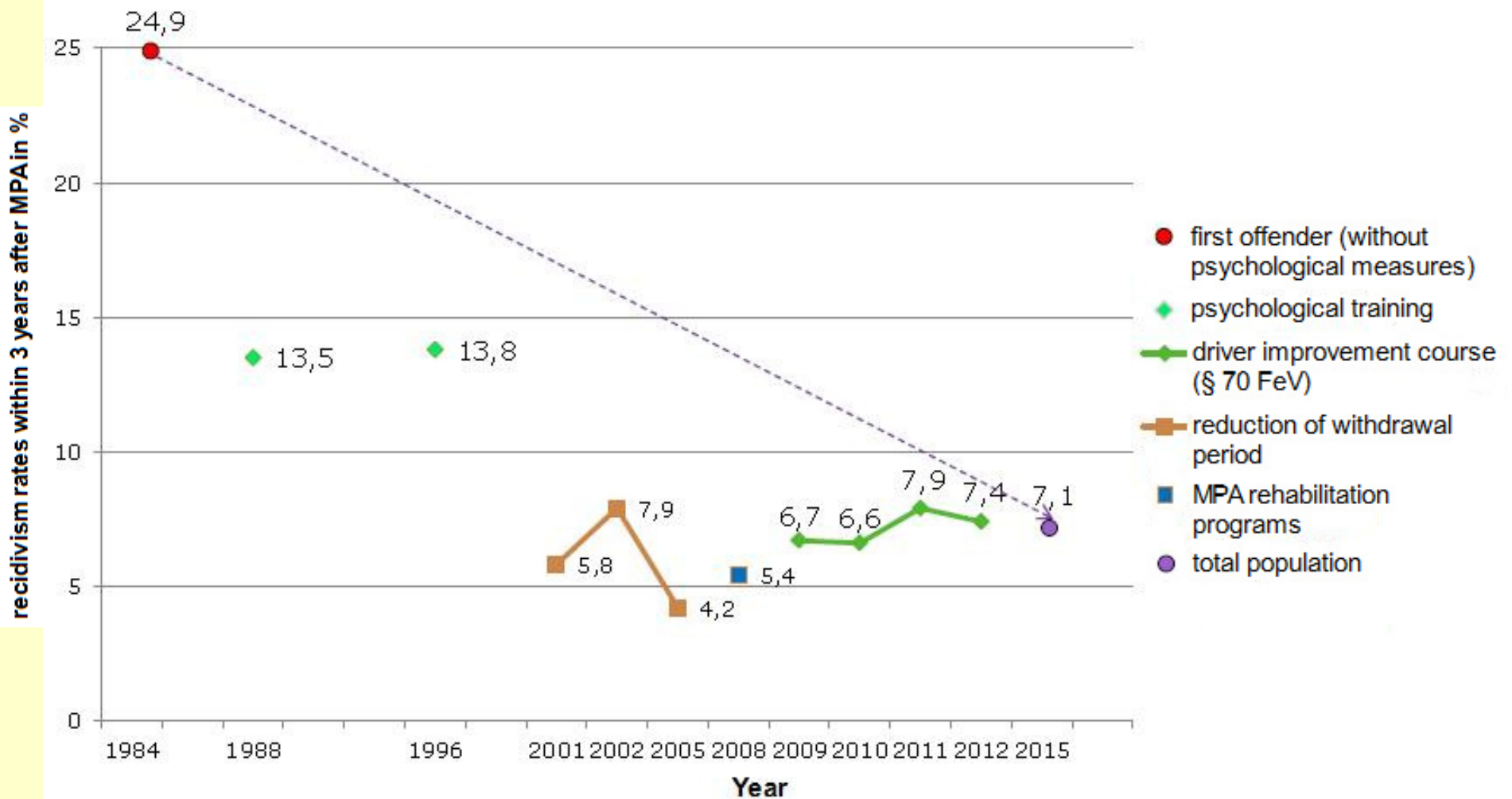
### 3. Medical-Psychological Assessment in Germany







## 4. Evaluation of Traffic Psychology Measures







## 4. Driver Improvement: Evaluation

### ■ SPEED-02: Evaluation with 500 participants (2005)

- Driver improvement course (§ 70 FeV) for **drug** offenders
- **Aims:**
- Analysis of individual causes of drug consumption
- Change in attitudes and behavior
- Increased knowledge of drugs (e. g. effects on driving ability)
- Development of behavioral strategies to avoid future drug consumption
- **Framework:**
- Consists of 8 meetings (22 h in 8 weeks + 1 drug-screening)
- Performed in groups of 4-8 drug offenders
- License can be regrantd without a new MPA



**Calculated relapse probability: 8,4 %**



## 4. Driver Improvement: Evaluation

- **LEER:**      **Evaluation with 600 participants (2005)**
  - Driver improvement course (§ 70 FeV) for **alcohol** offenders
  - **Aims:**
    - Analysis of causes, effects & consequences of drunk driving
    - Change in attitudes and behavior
    - Increased knowledge of alcohol (e. g. effects on driving ability)
    - Development of behavioral strategies to reduce alcohol consumption and avoid future drunk driving
  - **Framework:**
    - Consists of 4 meetings (14 h in 3 weeks)
    - Performed in groups of 6-11 alcohol offenders
    - License can be regranted without new MPA

**Calculated relapse probability: 7,3 %**





## 5. Conclusions

### Driver Improvement Courses:

- Address effectively the high risk group of traffic offenders
- Are together with assessment an unerring preventive measure
- Reduce significantly the number of offenses
- Strengthen the drivers' self-responsibility
- Are a well-accepted and low cost option to pure punishment

**Save lives in road traffic!!**

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***Dr. Don DeVol  
DGVP &  
TÜV Thüringen***



***Many thanks for your attention!***