

Some elements concerning Road safety in Germany

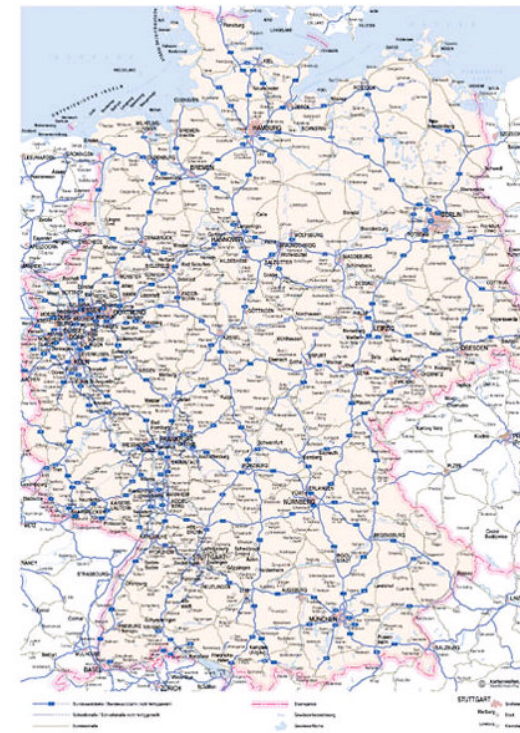
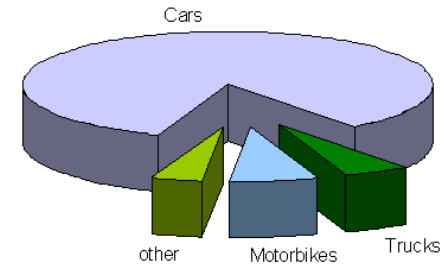
ASECAP - Innsbruck
March 2, 2009
Alain Estiot, Toll Collect



Basic elements for Germany

- Inhabitants: 82.1 millions
- Vehicles: 55 millions
 - 46.1 millions cars
 - 2.8 millions trucks and busses
 - 3.9 millions motorbikes
 - 2.1 millions other

- Road network:
 - 12,531 km of motorways
 - 231,359 km of roads
 - 396,000 km of city roads



Speed limits in Germany

■ Motorways

- 50% without speed limits, but a 130km/h recommended speed
- 33% with a permanent 130km/h or 120km/h speed limit
- Otherwise, speed limit (≤ 130 km/h) depends on traffic and weather conditions
- Note: for vehicles $> 3,5$ t:
 - ▶ 80 km/h or 100km/h speed limit

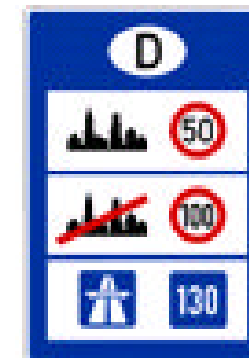


■ Roads

- 100km/h speed limit

■ Cities

- 50km/h or 30km/h speed limit



Road safety targets in Germany

They are directly connected to the EU recommendations

- 2001 White paper: 'European transport policy for 2010'
- 2003 Road Safety Action Program (2003-2010):
 - ▶ 50% reduction of road fatalities in 2010

Targets:

- I. Improve the road culture in Germany
- II. Protect vulnerable road users
- III. Reduce young drivers accident exposure
- IV. Reduce potential danger of heavy goods vehicles
- V. Increase the safety on land roads



How is the road safety organized in Germany?

Germany is a federal state and this is reflected in the road safety organization.

■ FEDERAL Level

- BMVBS: Federal Ministry of Transport, Building and Urban Affairs
- BMJ: The German Federal Ministry of Justice
- BAST: The Federal Motorway Research Institute
- BAG: The Federal Office for goods traffic

■ STATE Level

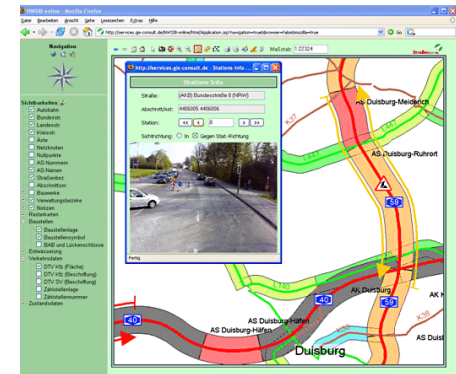
- Local police forces
- Motorway police departments

■ ASSOCIATION Level

- ADAC: The German automobile club
- DVR: The German road safety council
- BAF: The federal association of traffic signalizations companies and automobile service providers

Basic BMVBS activities

- Implementation of the new regulations
 - Blood alcohol concentration 0.5 'per mille' replaces the 0.8 'per mille'
 - GSM while driving only authorized with no-hands kit
- Development of an information system for federal roads
 - BISStra program: Monitoring Software (traffic, accident, contamination)
 - Analysis from accidents on federal roads and motorways
 - Monitoring of dangerous goods transport
 - Safety in tunnels
- ITS activities: e-Call, e-Safety,
- Controls through the BAG (Federal Office for goods traffic)
 - Road controls
 - Securing accident locations on federal roads (otherwise Police forces)



Basic States & Cities Actions

Same programs with different implementations

- Changing the attitude of the people
 - Training and formation about rules, driving and behavior



- Improving the infrastructure
 - Identification and analysis of dangerous points
 - ▶ Road dangerous points card set-up
 - 30km/h speed limit in located dangerous areas set-up
 - Pedestrian and bike specific lanes and equipment

- Motorway polices
 - Speed controls
 - Accidents interventions



Basic activities together with the Associations

- Safety communication campaigns
 - TV, radio, newspaper



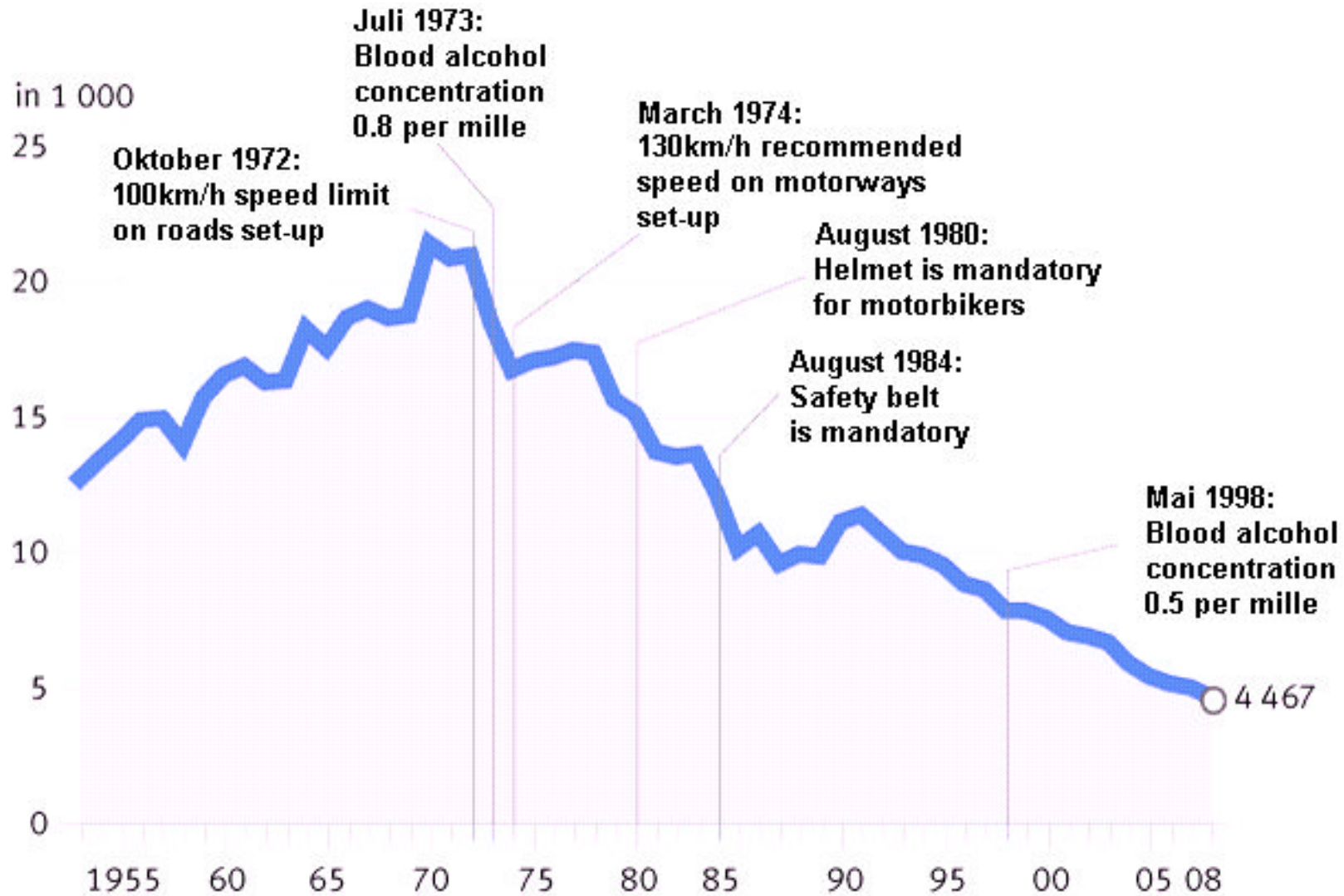
Runter vom Gas!

- Driving training
 - Cars, trucks, overland busses, city busses, motorbikes



Runter vom Gas!

Evolution of fatalities on the German network



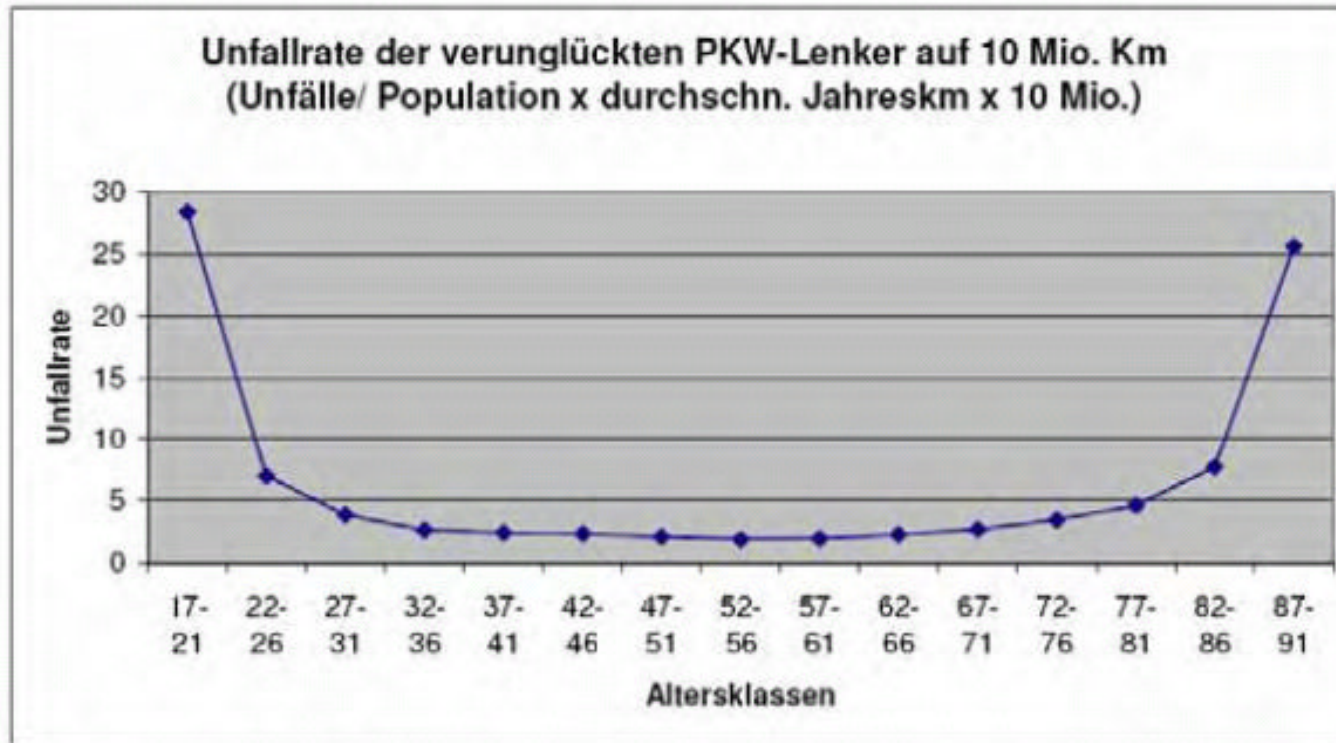
© Statistisches Bundesamt, Wiesbaden 2008

What are the new challenges concerning safety at EU level?

- Traffic congestion
- Vehicle to vehicle and vehicle to infrastructure communication (and avoidance of driver's distraction because of these new technologies)
- Driver segmentation
 - Maintain our efforts concerning young drivers
 - Continue to address truck and bus drivers
(Driving licenses renewal every 5 years for drivers older than 50)
- We should address the case of the senior drivers, because they have an accident frequency comparable to the young drivers. This could be a political challenge.



BACKUP



Quelle: Institut Gute Fahrt (1.000 zufällig ausgewählte Telefoninterviews) / Statistik Austria (Bevölkerungs- und Unfallstatistik)

Car driver fatalities rate according to age