

# Alcohol and injuries

---

drs. Karin Klein Wolt  
September 23, 2010



# Consumer Safety Institute

---

## Effective in the prevention of serious injuries

- at home
- at work
- in healthcare
- in schools etc.
- while sporting
- in traffic



# Hospitals in the Dutch Injury Surveillance System (LIS)



# Alcohol and injuries

---

LIS-data: 9.700

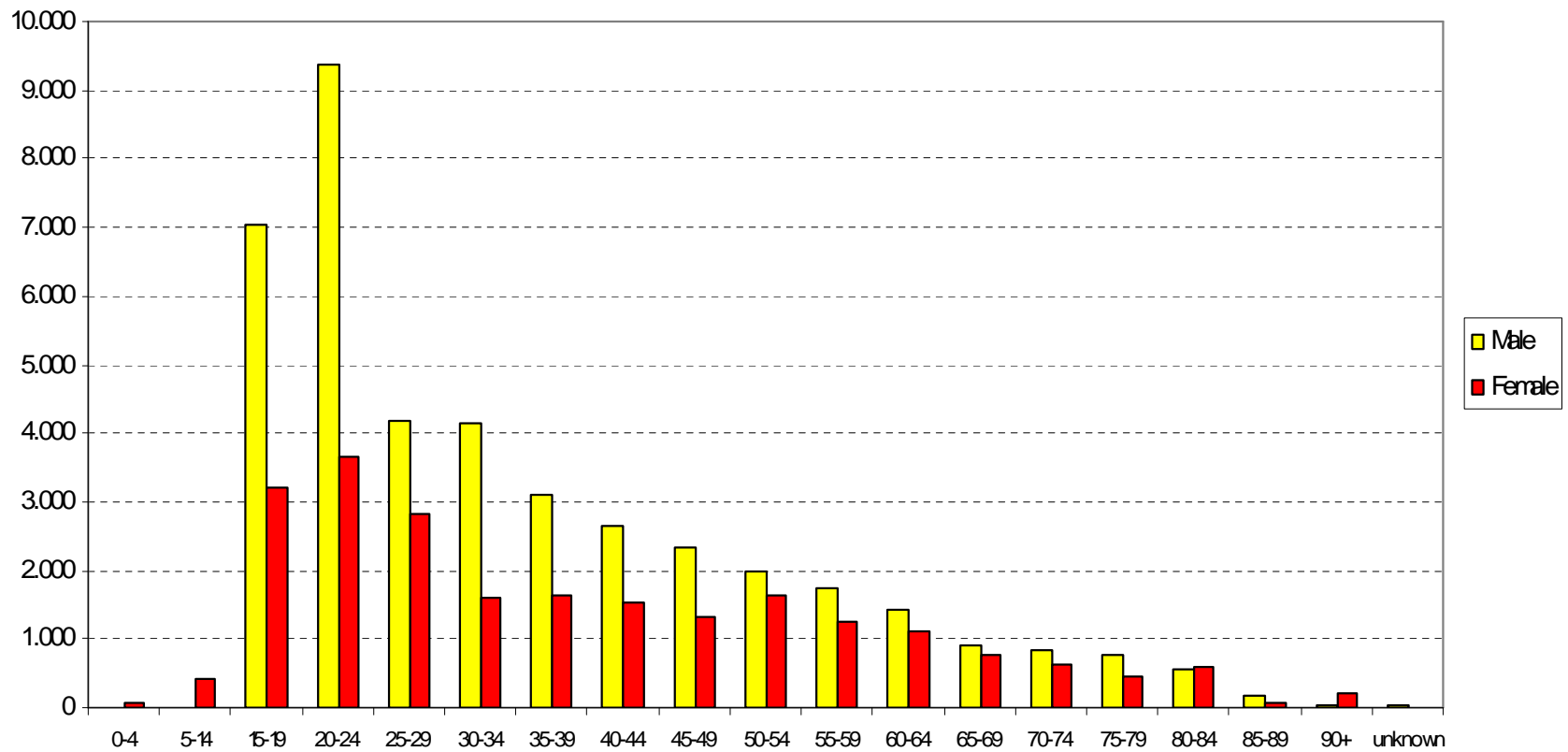
- Registration not 100%

Follow-up study (ED patients):

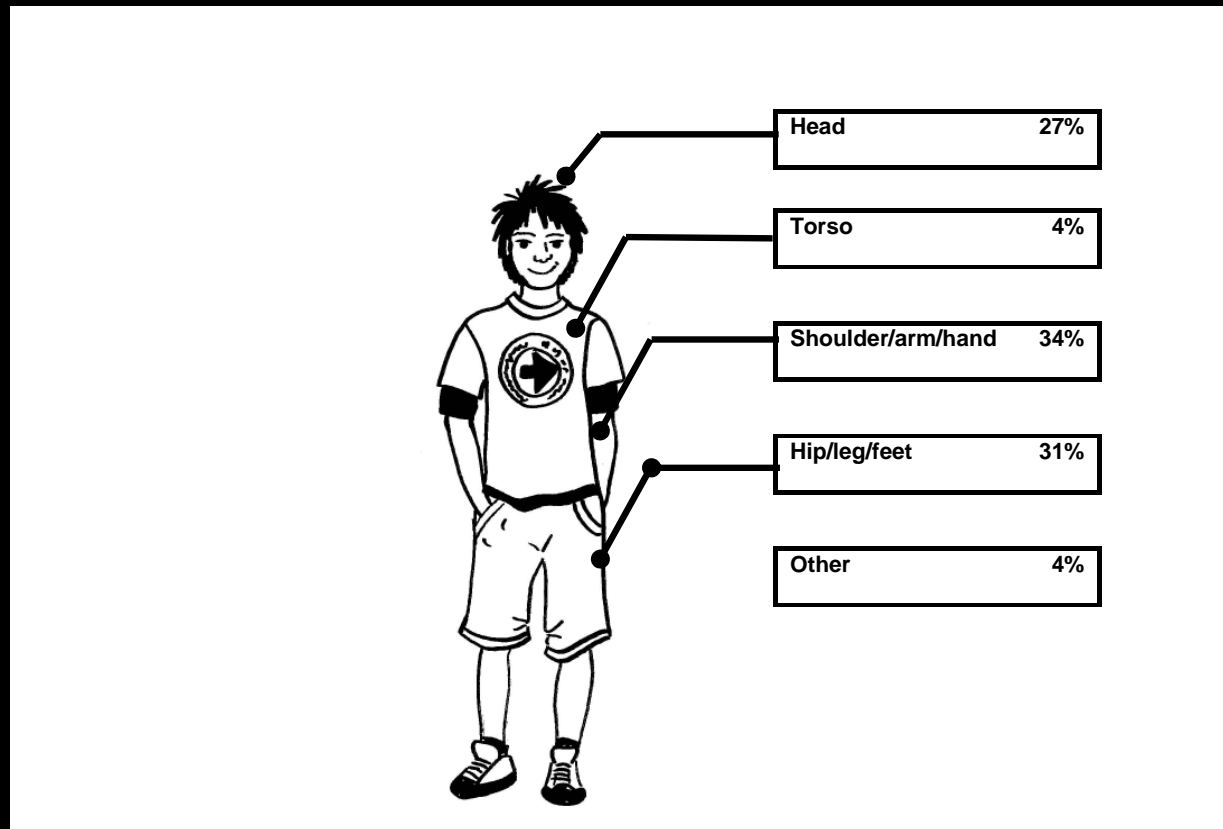
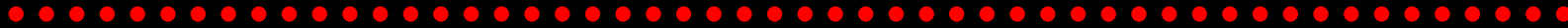
- Alcoholconsumption: 64.000
- 3 or more glasses: 35.000
- Alcohol played a role: 20.000



# Alcohol injuries, by age and gender



# Location



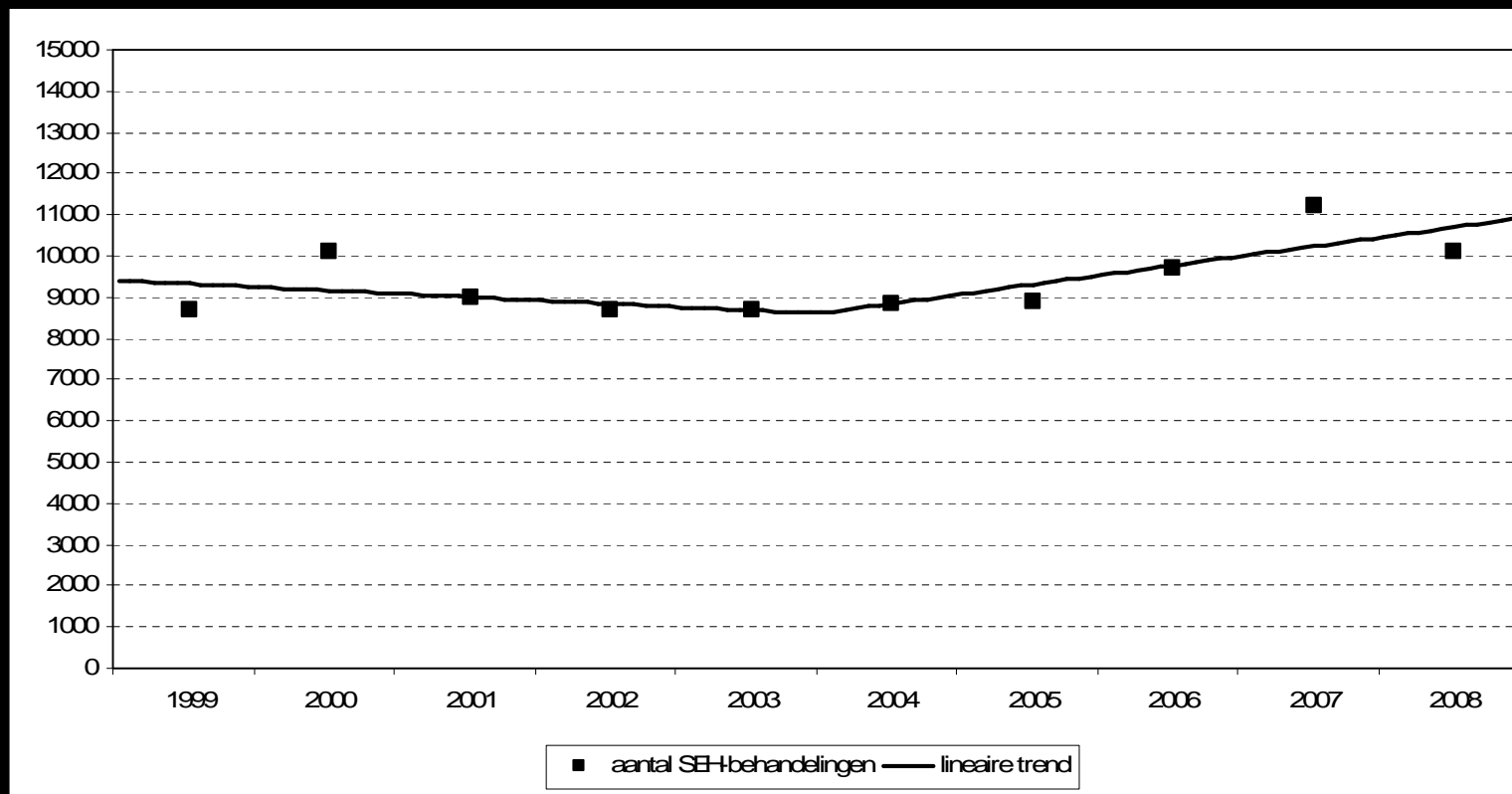
# Accident mechanism

---

- Fall 61%
  - *From bicycle* 15%
- Contact with object 25%
  - *Cut glass* 4%
  - *Trapped* 3%
- Other 17%
  - *Physical contact* 8%



# Trend in injuries (LIS-data)





# Costs

---

- Direct medical costs after ED treatment or medical admission: 140 million euros
- Total 'absence'-costs: 200 million euros



# Why?

---

- People tend to drink more than before
- It might be related to the economic climate
- ....



# Conclusions

---

- The registration of alcohol related injuries in LIS isn't perfect
- Over the past years there are more alcohol related injuries (+26%)
- Estimate: yearly 64.000 injuries (175 daily!)
- Negative consequences are not only limited to internal organs (e.g. liver), but also lead to accidents
- Prevention is necessary (costs)



presentation : Karin Klein Wolt

contact : k.kleinwolt@veiligheid.nl

020-511 45 79

Effective in injury prevention



[www.veiligheid.nl](http://www.veiligheid.nl)