

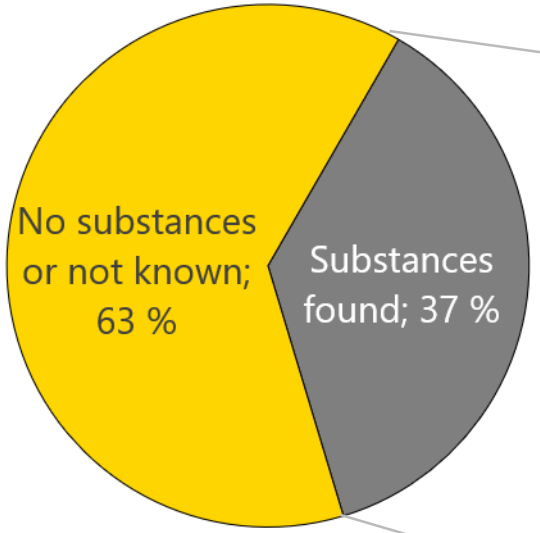
Drink driving: At-fault drivers in fatal motor vehicle crashes in Finland

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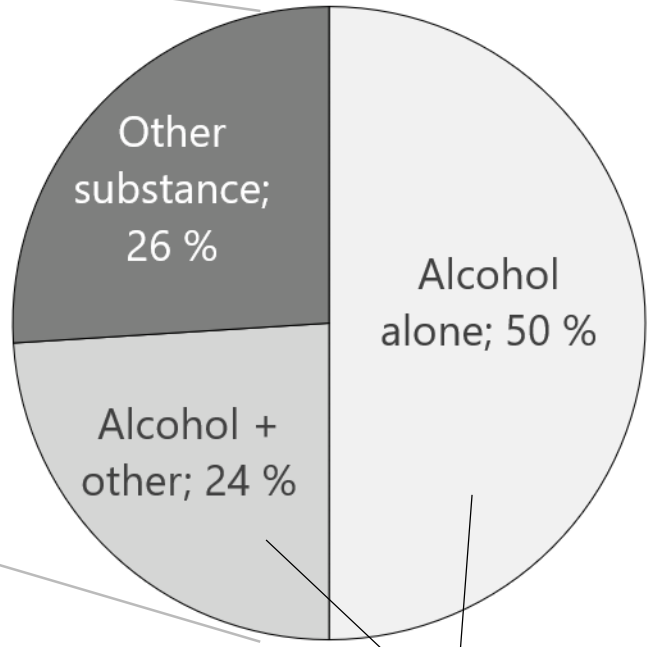


At-fault drivers in fatal motor vehicle crashes 2020-2024: Substance findings

All at-fault drivers n=662



At-fault drivers with substance findings n=244

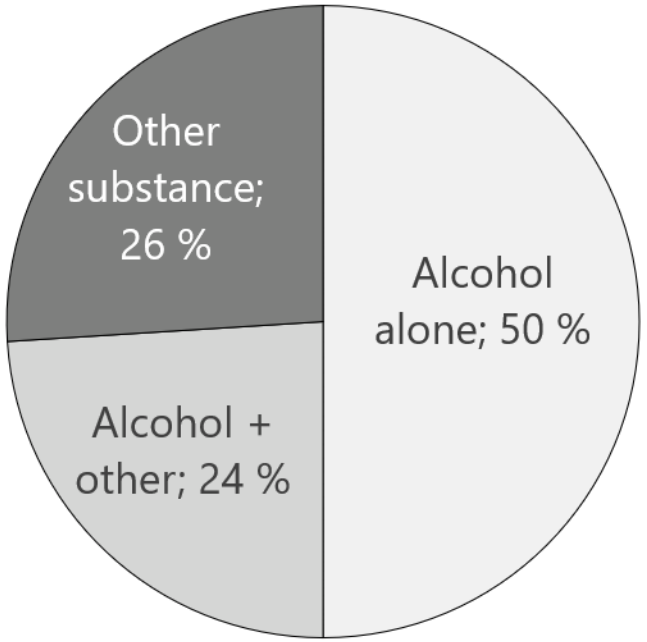


Alcohol 74 %

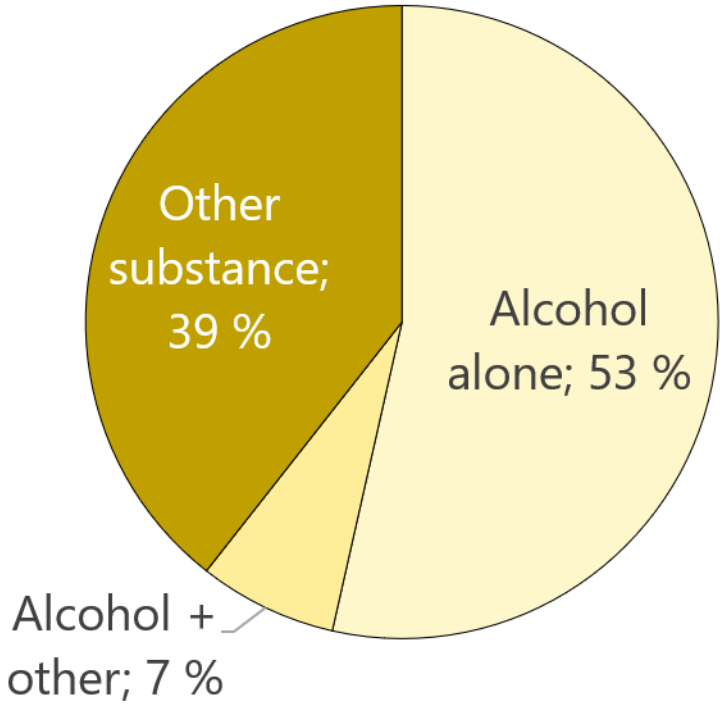


Substances detected in fatal road crashes and DUI convinctions 2020-2024

Fatal road crashes



DUI convinctions



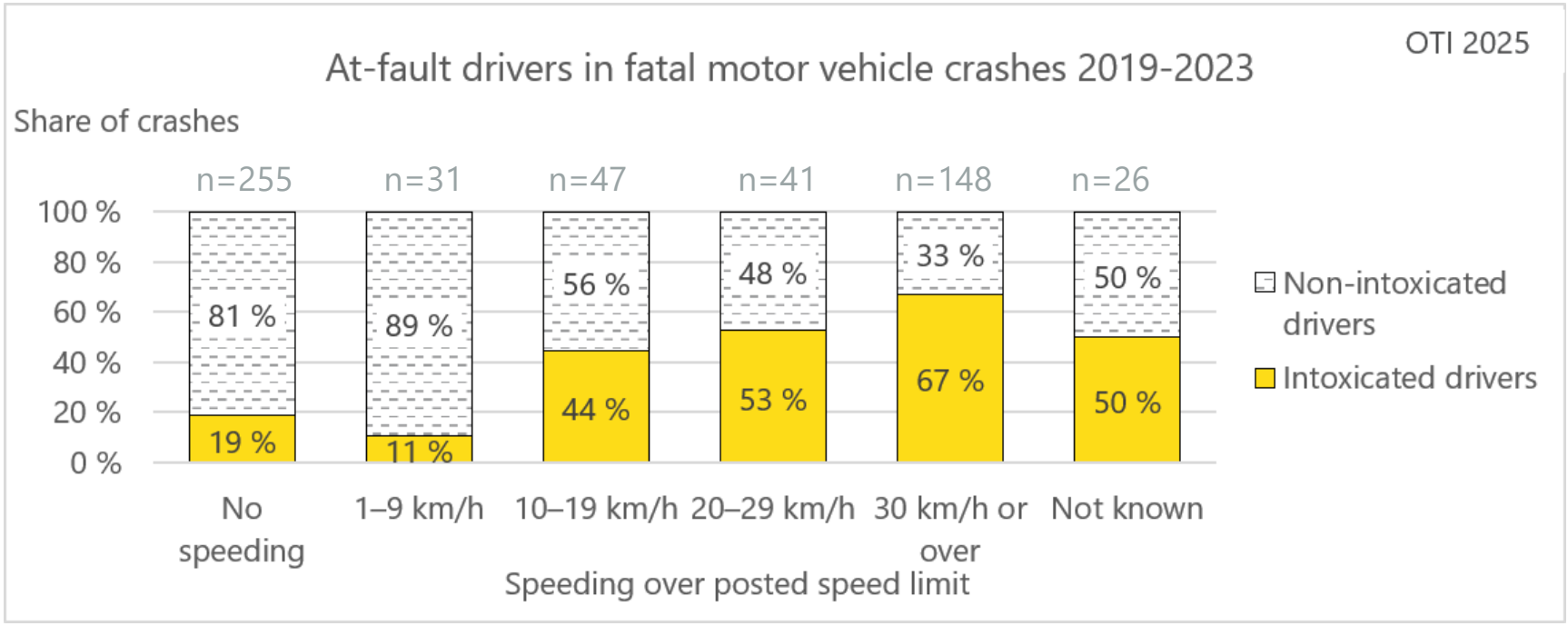
Often associated factors with drink driving



- Average concentration 1.7 per mille
- Driving without a valid driving licence, 22%
- Failure to wear a safety restraint, 60%
- Speeding:
  - 77% exceeded the speed limit by at least 10 km/h
  - 56% by more than 30 km/h
- When alcohol alone: higher concentration, higher age
  - 0.5-1.19 per mille: 34 years
  - 1.2 per mille or more: 40 years



The link between intoxication and speeding



OTI report: At-fault drivers' driving speeds in fatal road crashes.

Estimation of substance dependency at OTI

- At least one of the following conditions must be met:
  - Alcohol at least 2.5 per mille
  - Previous drink driving convinctions
  - Mixed use of substances
  - Problematic use of substances (e.g. from interviews)

  -> Half of the drivers had received a diagnosis of substance dependency.



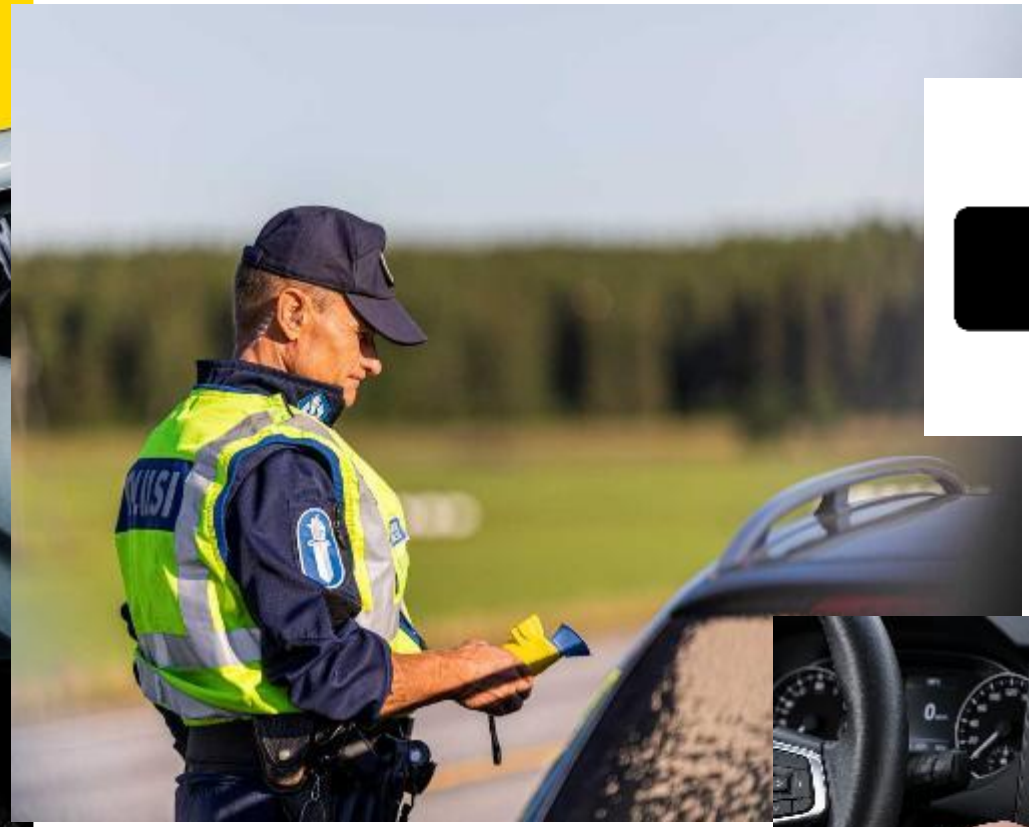


Photo: Finnish police



Photo: Copilot



Photo: Copilot



OTI coordinates the independent investigation of road accidents

The information gathered on accidents is collected in the OTI database

