

Best practices in tackling drink driving in Sweden

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Traffic safety unit



TRAFIKVERKET
SWEDISH TRANSPORT ADMINISTRATION

Sweden: facts

Area: 528 447 km² - (121 107 km² water)

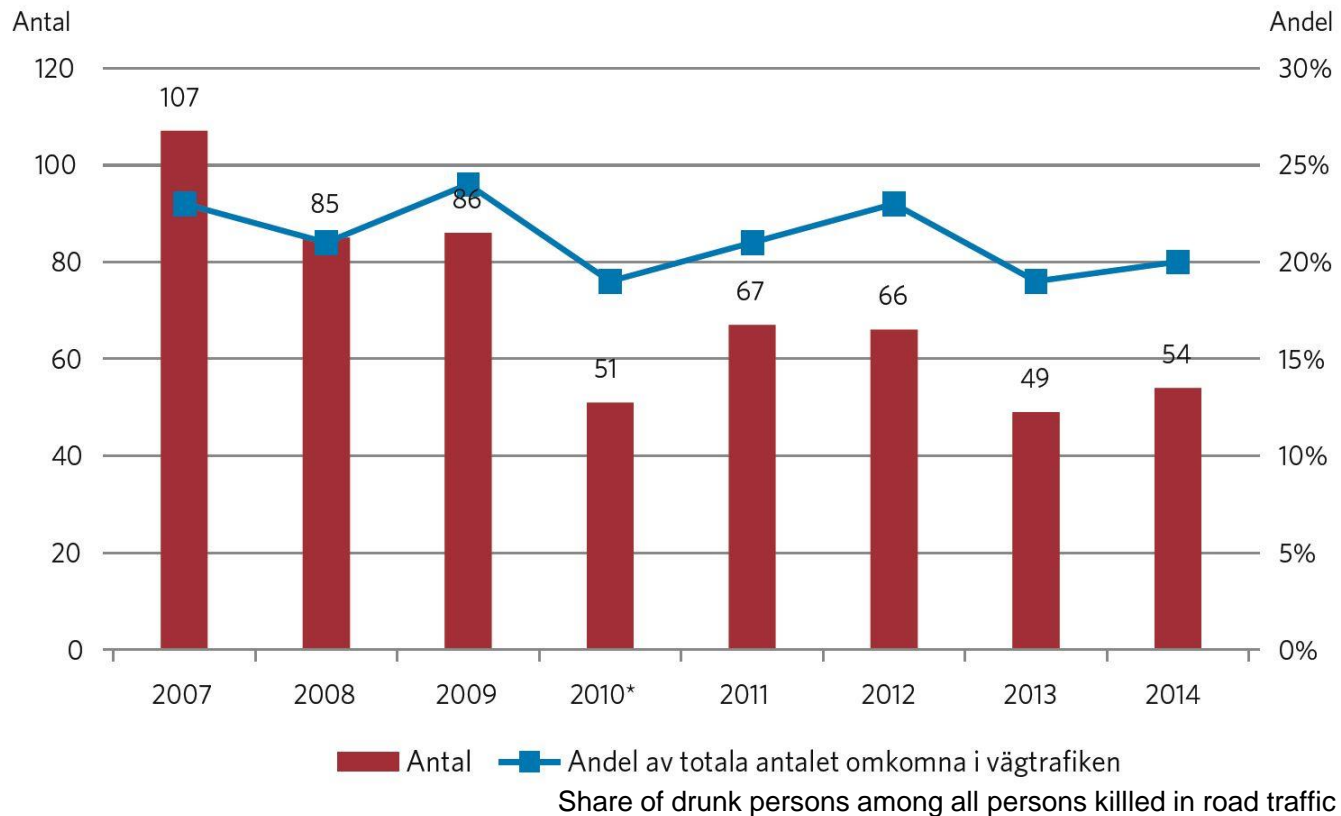
≈ 9,8 million inhabitants

≈ 6,2 million driving licences

≈ 4,6 million vehicles (in use)

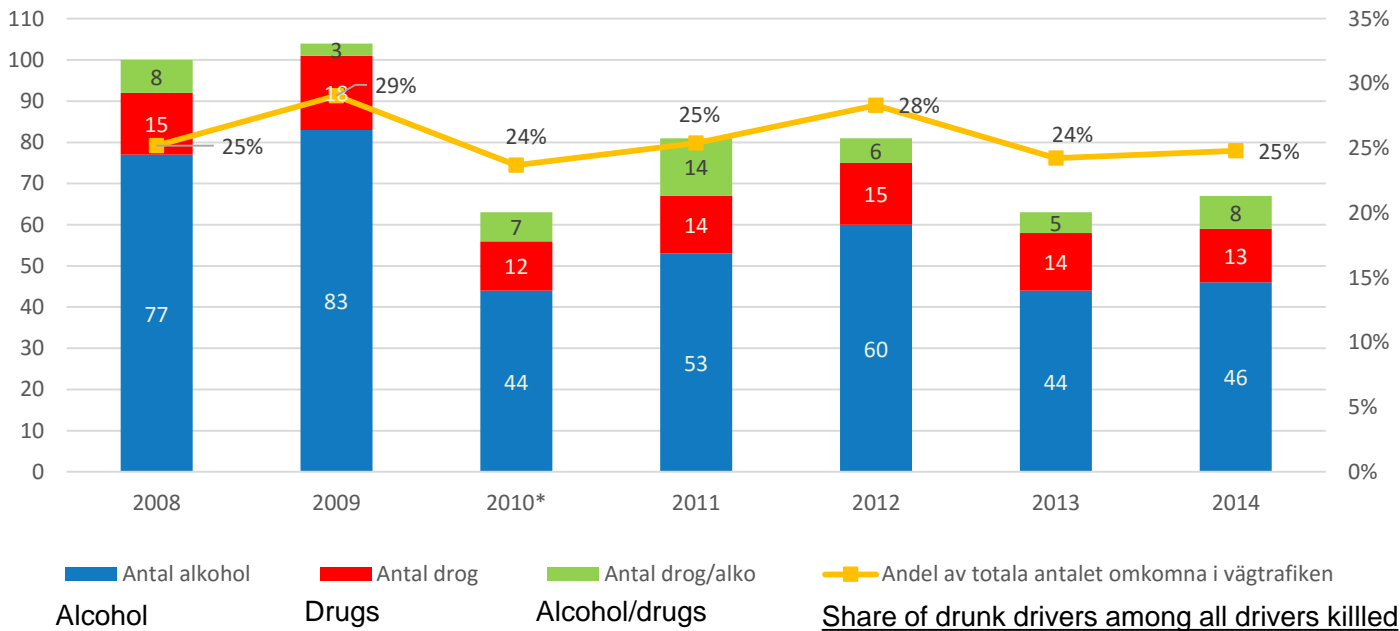
BAC limit: 0,2 ‰
(all drivers)

Number of persons killed in alcoholrelated road accidents. (Alcohol > 0,2 ‰.)



Source; Swedish Transport Administration's in-depth studies
* From 2010 excluding suicide

Number of drunk drivers killed in alcohol- (> 0,2 ‰) and drugrelated accidents, after substances 2008-2014



Source; Swedish Transport Administration's in-depth studies

* From 2010 excluding suicide

Overview - strategies undertaken to tackle drink driving

Strong political commitment from the Swedish Government giving drink driving a high priority

High public acceptance of countermeasures being implemented to address drink driving problem

Large number of exhalation tests

Mandatory education on negative effects alcohol/drugs when applying for a driver's licence (type B)

Alcohol ignition interlocks in driving school vehicles and in vehicles when driving for license at Swedish Transport Administration

Regulation 2009:1 for authorities that include interlocks when purchasing vehicles and transports

Alcohol ignition interlocks, "Swedish strategy 2007".

- Preventive use. 1999
- Program for DUI offenders. (1999, 2003. Permanent since 1/1 2012.)
- Find solutions that can be standard in most cars to support the driver.

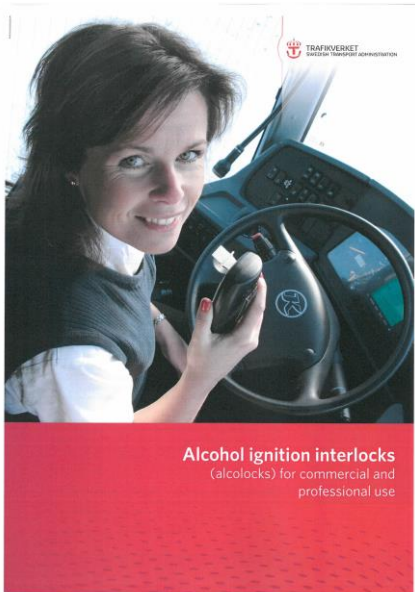
- Rehabilitation program SMADIT (Collaboration against alcohol and drugs in traffic)

- Stimulate research and development

Several studies

- ✓ Fataly risk of alcohol involved driving in Sweden
- ✓ Alcohol, drugs and medicines among killed drivers of passenger cars 2005 – 2013

Alcohol ignition interlocks *for preventive use*

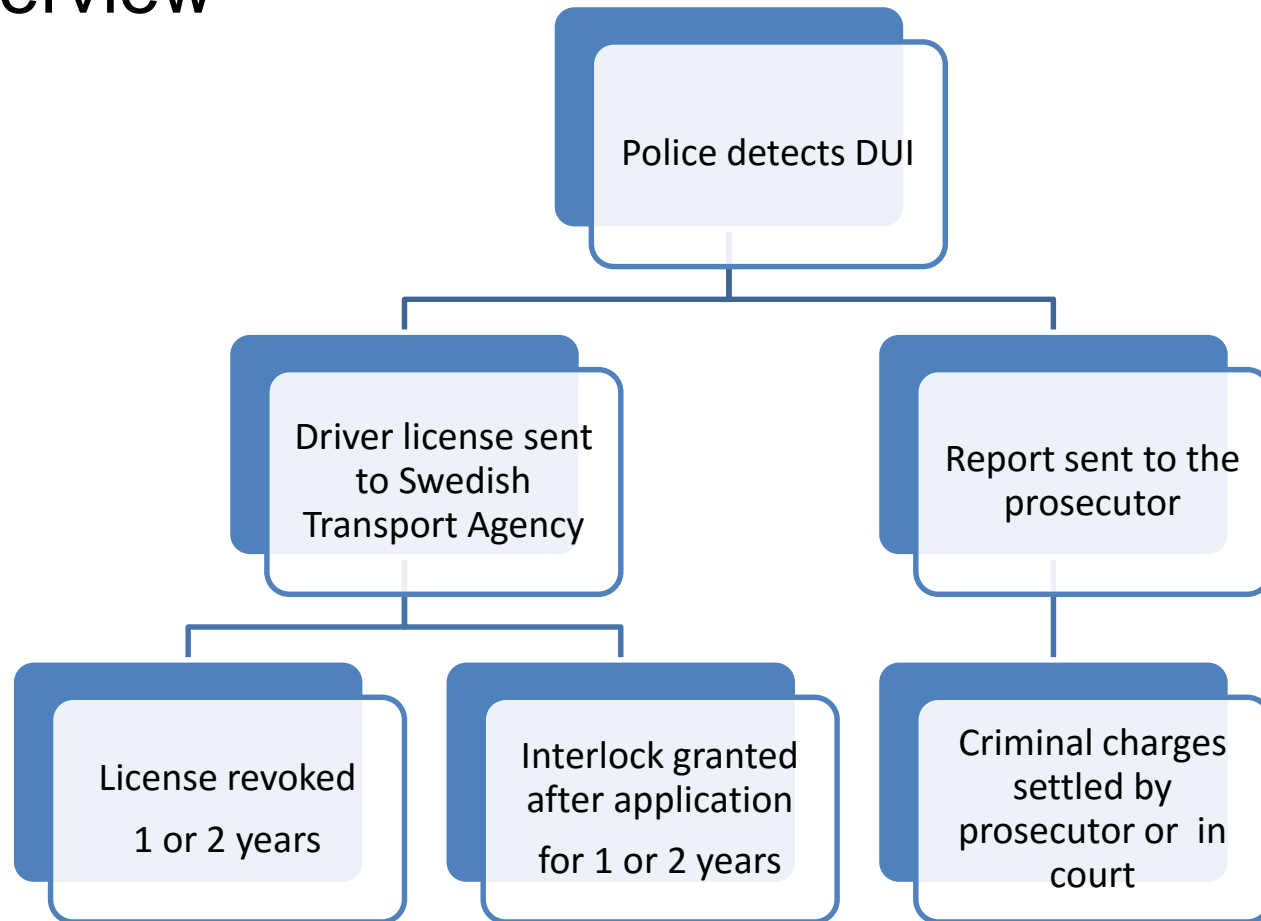


- installations in 1999
- in commercial-, professional transports, government agencies, municipalities and other organisations
 - but very few private persons
- in vehicles, lorries, taxis, buses, trams, locomotives, snow-mobiles, motorcycles, ferries.

Is used in 95 % of all buses in local and regional public transports.

(Source: FRIDA. The Swedish Public Transport Association)

Driving license and criminal charges in Sweden - overview



Swedish Transport Agency

Permanent program för DUI-offenders

- Open for all DUI – offenders (of alcohol)
- Differentiated conditional time
 - Two years
 - BAC $\geq 0,1\%$
 - Repeated DUI during a five year period
 - DUI in combination with a diagnosed addiction of abuse of alcohol
 - Otherwise one year BAC 0,02 - 0,09 %) but prolonged to two years in case of diagnosis
- Cost 1 year: 2 150 - 2 700 EUR
 - 2 years: 2 850 - 4 150 EURO

Obligations during – and after the program

- **During the program**

 - Data transmission

 - Breath test at start and during driving

 - Doctors certificate of drugs and alcohol use

 - Conditional license is invalid after the determined conditional time

- **Regular license after conditional time**

 - Application procedure

 - Two year participants needs to verify sobriety

- **Follow up**

 - Two year participants are followed after a regular licence is granted

 - Medical certificate of drug and alcohol use after 6 month and after an additional 12 months (18 in total)

The Swedish system in numbers 2013-2015

	2013	2014	2015
Revoked licenses because of DUI (Inc drug use)	7396	6438	6609
Applications	2374	2196	2151
Denied	286	288	340
Conditional licenses granted	2088	1908	1811
Valid conditional driving licenses	2836	3256	3092

Source; Swedish Transport Agency

Good experiences of the Pilot program

- Successful for those who fulfilled the program
- Lasting changes in alcohol and driving habits
- Less relapse to DUI
- Reduced number of traffic accidents
- Reduces alcohol consumption
- Reduced need for hospital treatment
- Reduced sick-leave
- Saved jobs
- Saved marriages

Ongoing evaluation of the new permanent alcohol interlock program

- ✓ The program as a whole – good/changes?
- ✓ The alcohol interlock itself – technical difficulties?
- ✓ Participation in the program vs. Not participating – consequences for a persons health, work, family, social life etc.
- ✓ Integrity issues

Alcogates - two fieldtests

Alcogate - Alcohol control in combination with a barrier

- ✓ Gothenburg
- ✓ Stockholm



Ports and outgoing roads – a lot of traffic

Purpose - to contribute knowledge, experience

Analys of legal, financial and practical conditions, 2015



Stockholm, Frihamnen



Thank you!

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- <http://www.trafikverket.se/en/startpage/operations/Operations-road/>
- <http://transportstyrelsen.se/en>
- "Everything you need to know about drivers license in one webpage"
- www.korkortsportalen.se