

Rijkswaterstaat
Ministerie van Verkeer en Waterstaat

Driving under the Influence of Alcohol

The Netherlands

06 July 2009

Introduction

- Centre for transport and navigation
- Method used till 2008
- Results of 2007
- Adjusted method next year

Goals

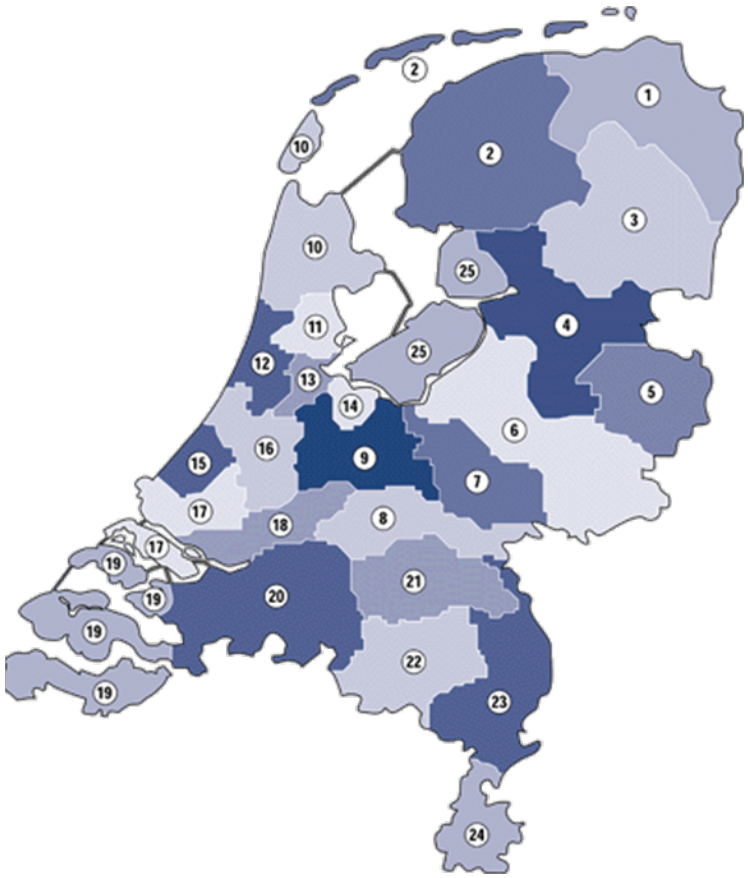
Goal of this research 1

- Giving an overview of driving under the influence of alcohol in **the Netherlands** (evaluation of the campaigns)



Goal of this research 2

- Giving an overview of driving under the influence of alcohol in the **police regions** (evaluate effort police)



Method

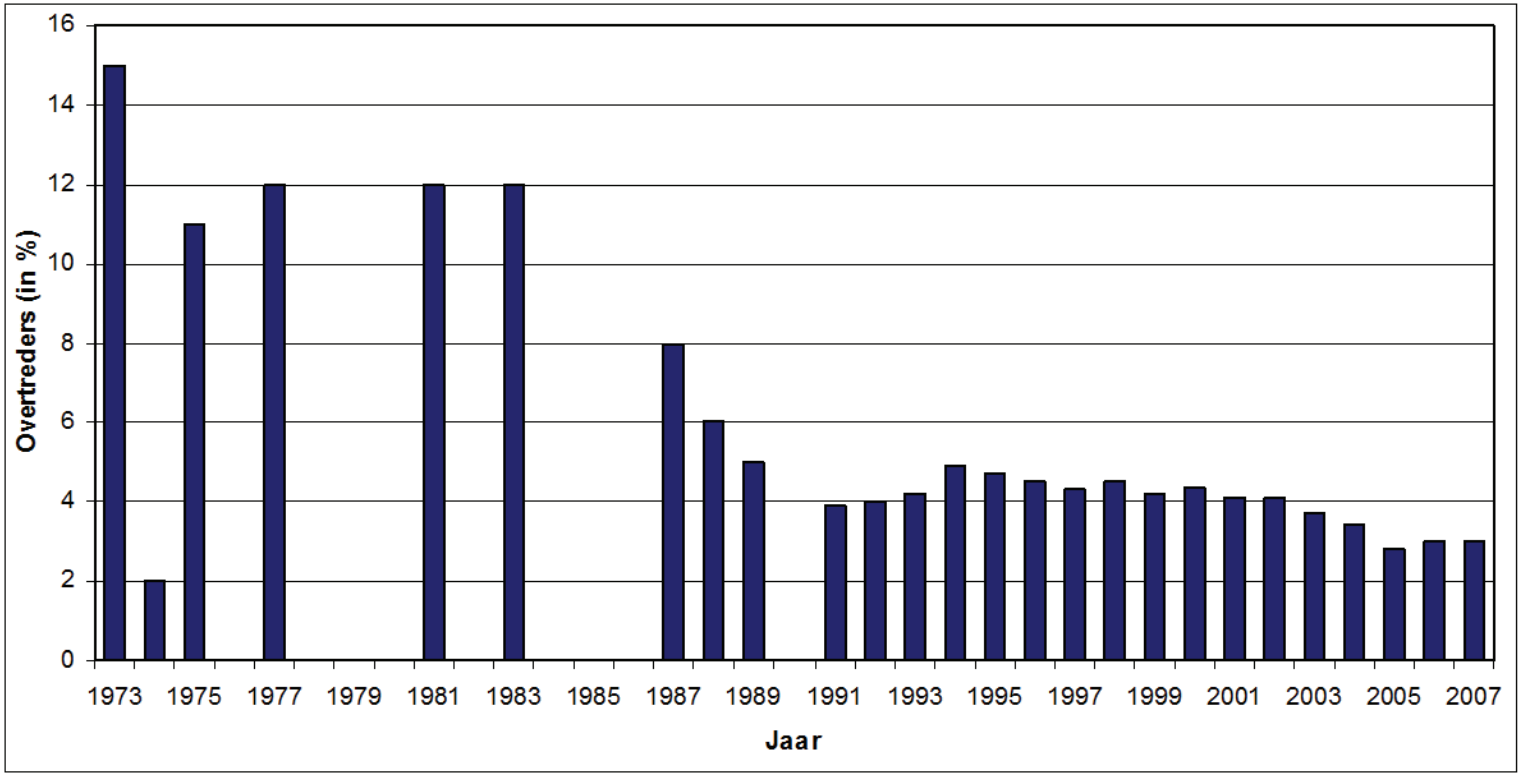
How do we do this?

- Annual Research (in collaboration with the Police)
- 73 alcohol checks (in spring and autumn)
- 20.000 breath tests minimum
- Only weekendnights
- Between 10.00 PM till 04.00 AM

Results 2007

National Development (1973 – 2007)

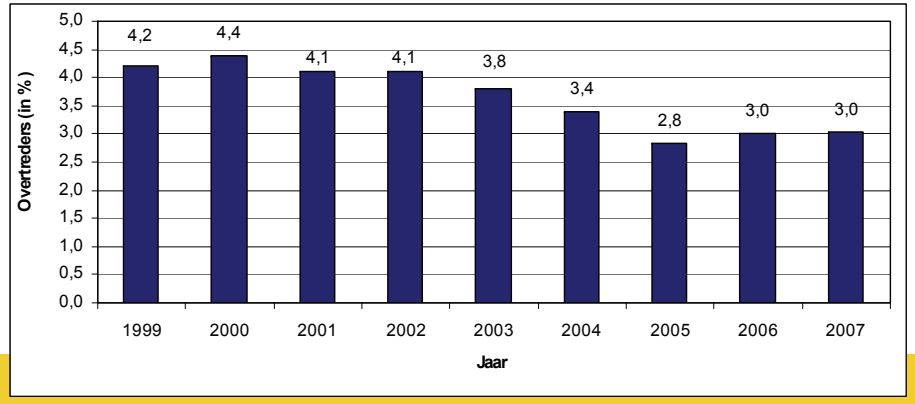
Number of offenders(BAG > 0.5 ‰)/ all drivers)



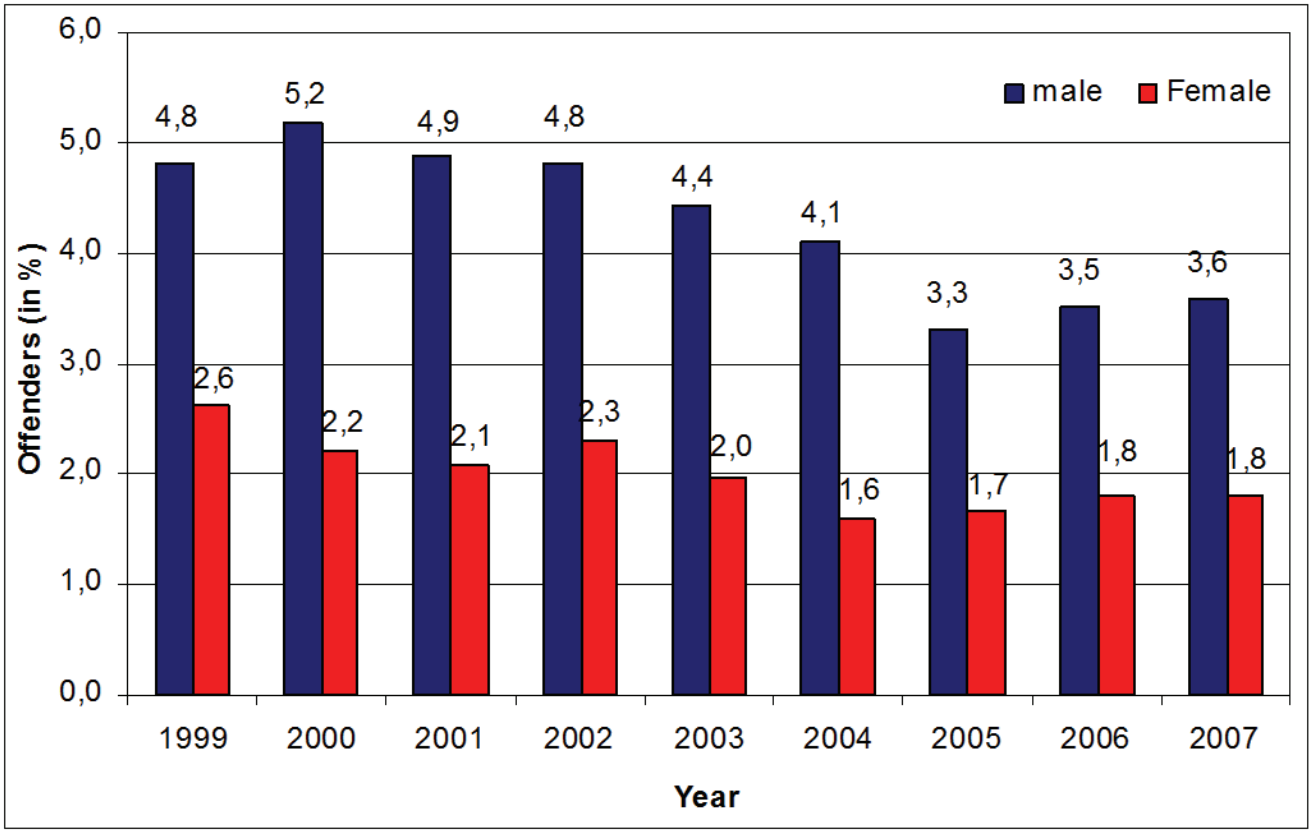
2007: 3.0% offenders (>0.5 ‰ incl novice drivers)

National development alcohol level

	1999	2000	2001	2002	2003	2004	2005	2006	2007
<0,2‰	90,3	90,2	90,8	91,1	91,7	92,2	92,8	92,6	92,9
0,2-0,49‰	5,5	5,4	5,1	4,8	4,6	4,4	4,4	4,4	4,1
0,5-0,79‰	2,2	2,5	2,3	2,3	2,1	1,8	1,4	1,6	1,6
0,8-1,29‰	1,3	1,3	1,2	1,3	1,2	1,0	0,8	1,1	1,1
>1,3‰	0,7	0,6	0,6	0,5	0,5	0,6	0,6	0,4	0,4
≥ 0,5‰	*4,2*	*4,4*	*4,1*	*4,1*	*3,8*	*3,4*	*2,8*	*3,0*	*3,0*



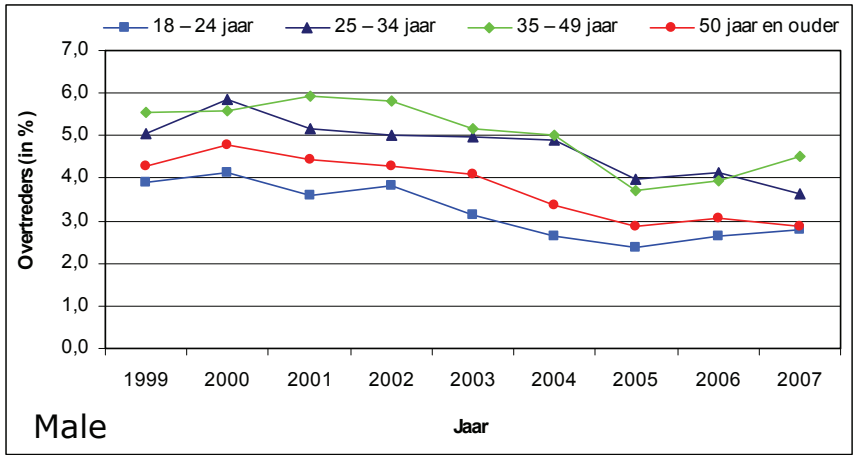
Difference between Male and Female



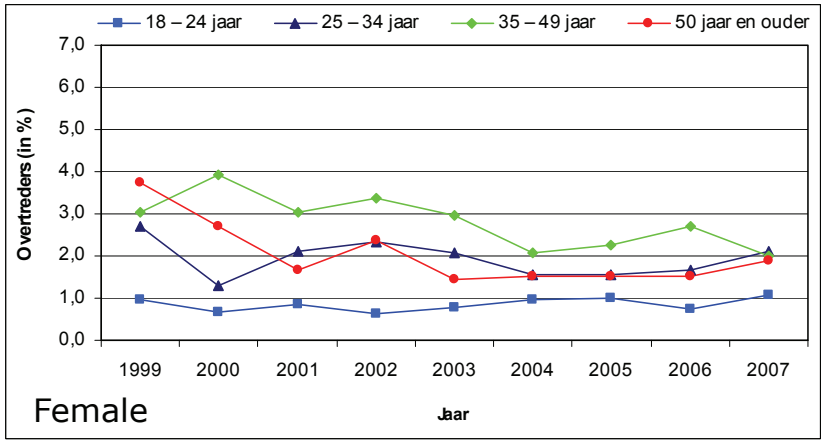
Differences between male and female

- 69% of the tested persons were male
- Large majority of offenders are also men (82%)

Male	35 – 49 year	highest % offender
Female	25 – 34 year	highest % offender

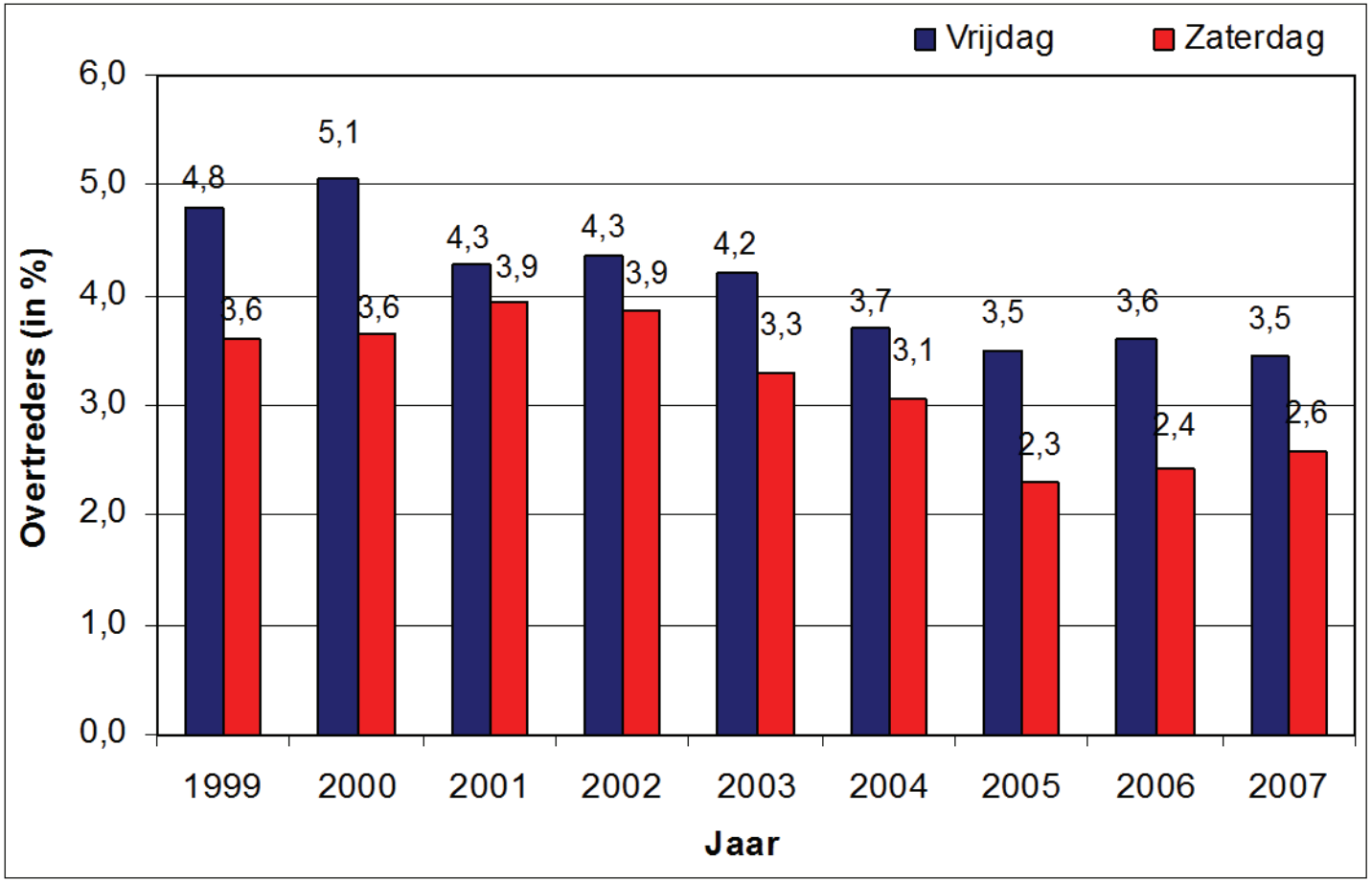


Male



Female

Development by Day and Time



Where did they drink the alcohol?

To use the campaigns efficiently we want to know where offenders drink alcohol

- catering establishments (58%)
- Friends/family (18%)
- At home (10%)

New Method

Adjust Method

- Together with the SWOV (Mathijssen & Houwing)
- Novice drivers not (yet) reflected correctly
- Checking the timeframe (10pm till 04 am)
  (time's changing towards midnight - 06:00 am or later)
- Checking the locations
  (disco's/clubs have closed/opened, infrastructure altered, demographic changes etc.)
- Collaboration with the police
  (New regulations on job conditions affect role and effectiveness)

Questions?