



# A drinking and driving project in China

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# Background



- Alcohol The official statistics in China showed intoxication is a leading contributor to road traffic injuries and deaths in most countries in the world.
- In 2005, total 450,254 crashes occurred; 98,738 people killed and 469,911 injured in road traffic crashes in China.
- less than 4% of crashes caused by drinking and driving in 2005. The low proportion reflects the limited enforcement activities due to lack of resources (both equipment and police force) and lack of information to target the problem.
- To our understanding, there is no previous studies to measure the correlation between alcohol and road traffic injuries and fatalities have been undertaken in China.

# Project Background



- A 3 year project during Aug.2006- July 2009
  - intervention on drinking and driving
- Partners: WHO, GRSI and HHRDC and local agencies in Guangxi which include the traffic police and the people from the health sector.
- 2 phases:
  - phase 1: drink & drive prevalence survey  
(random roadside survey and traffic crash survey)
  - phase 2: social marketing and intervention  
(evaluation will be conducted during and after the intervention)

# Objectives



- To understand the extent of problem and to develop the targeted intervention on reducing drinking and driving
- To strengthen prevention of alcohol associated road traffic injury
- To enhance education and enforcement for the issues of drinking-driving in China

# Roadside Survey



- Cities: Nanning and Liuzhou, Guangxi, China
- Duration: Dec., 2006 – March 2007
- Working Groups: Interviewers, Traffic polices, and Traffic assistants (Liuzhou)
- Locations: 23 (Nanning), 21 (Liuzhou)
- 10666 drivers were interviewed
- 10685 drivers were breath tested

# Roadside Survey



- The roadside survey was carried at:
  - Workdays
  - Weekends
  - Holidays (Feb. 10-March 4)
- Time of the day:
  - Afternoon: 13:00-17:00
  - Evening: 20:00-24:00

# Roadside Survey



- Type of vehicle stopped:
  - Automobiles
  - Motorcycles
  - Trucks (Liuzhou)
- Over 95% of the drivers stopped agreed to take the interview and breath test.

# Result of Road Survey



- ***Drivers' BAC***

(daytime: 14:00-17:00    evening: 20:00-24:00)

Total: **positive: 6.0%**