

Drug use and other risky behaviours in young people attending a music festival

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Burnet Institute
Medical Research. Practical Action.



- Held annually in cities across Australia and New Zealand
- Melbourne festival attended by >50,000 people each year
- Burnet Institute has conducted surveys annually since 2005

Why do research at the Big Day Out?

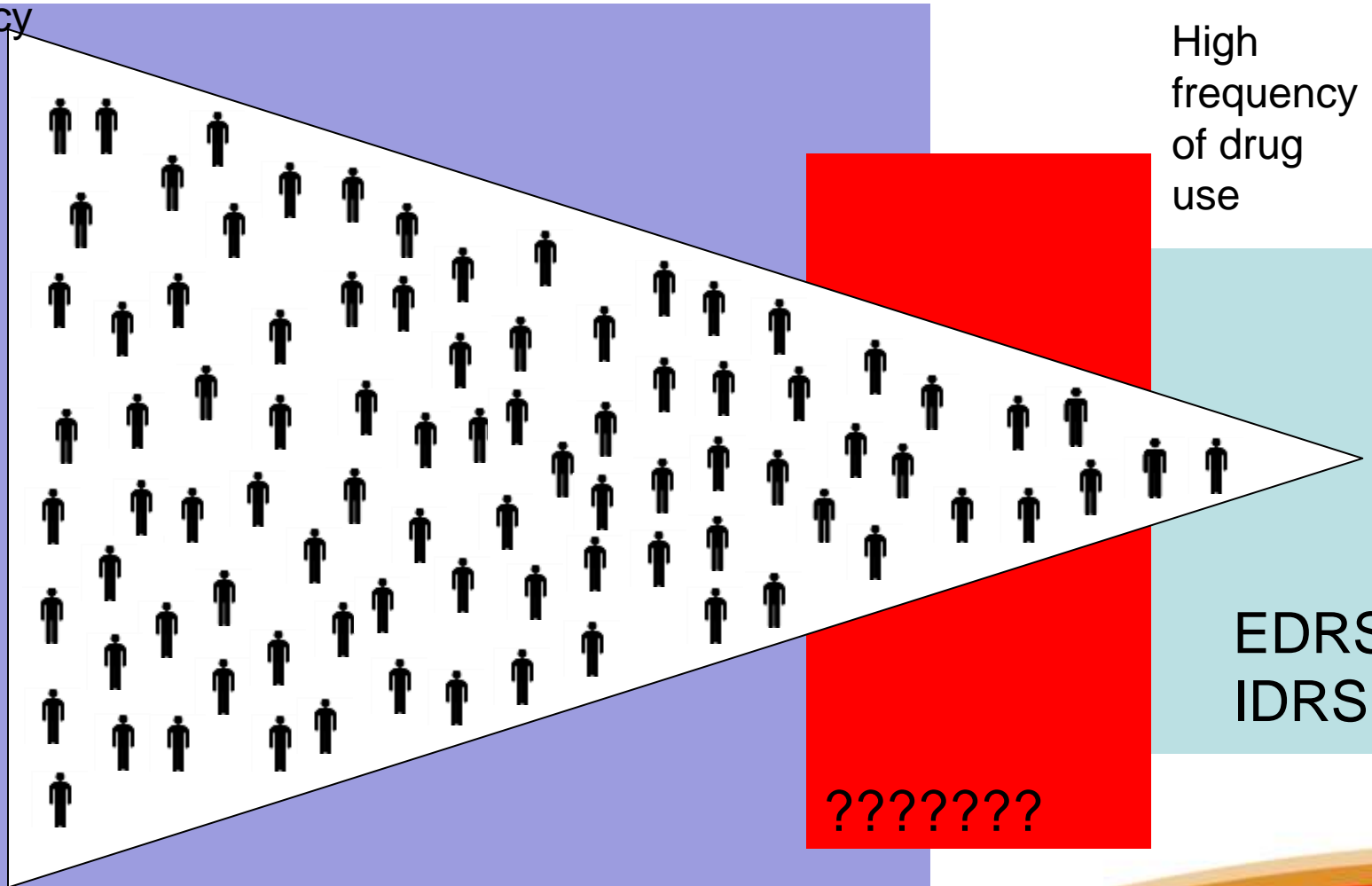
- To monitor risk behaviours among young people
 - Sexual risk behaviours
 - Alcohol use
 - Illicit drug use
 - Other behaviours
- Useful for informing
 - Research
 - Health promotion
 - Evaluation
 - Policy



Why do research at the Big Day Out?

Low
frequency
of drug
use

High
frequency
of drug
use



Population surveys



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Why do research at the Big Day Out?

- It's efficient

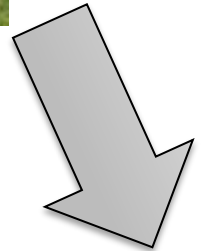
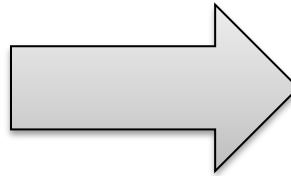


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Why do research at the Big Day Out?

- It's fun





SEX, DRUGS AND ROCKETRY 2011		SEX, DRUGS AND ROCKETRY 2011	
1. Overview	2. Overview	3. Overview	4. Overview
5. Overview	6. Overview	7. Overview	8. Overview
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85. Overview	86. Overview	87. Overview	88. Overview
89. Overview	90. Overview	91. Overview	92. Overview
93. Overview	94. Overview	95. Overview	96. Overview
97. Overview	98. Overview	99. Overview	100. Overview



Methods



Questionnaire Contents

- Core Questions
 - Demographics
 - Sexual behaviour
 - Sexual health
 - Alcohol
 - Illicit drugs
- Additional Modules
 - More detail on sex and drugs
 - Mental health
 - Healthy diet and exercise
 - Other behaviours
 - Evaluation of recent campaigns



Porn Star Name

Your First Pet Kuching

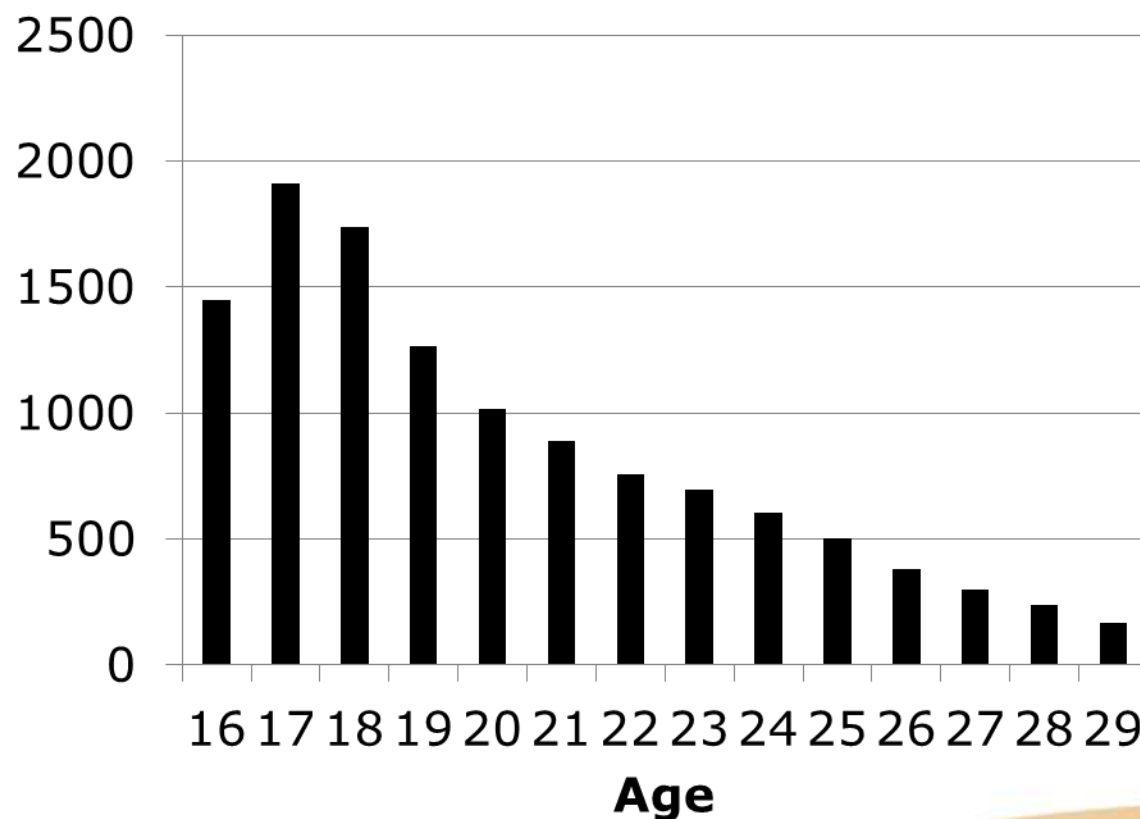
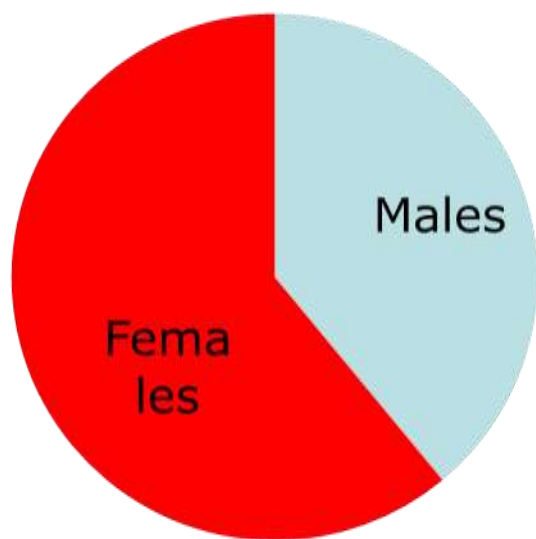
Your First Street Brandon Park

	Uniqueness	Reliability
Porn star name	99%	76%
+month/year of birth	100%	96%



Results - Demographics

- 12,000 people over 9 years

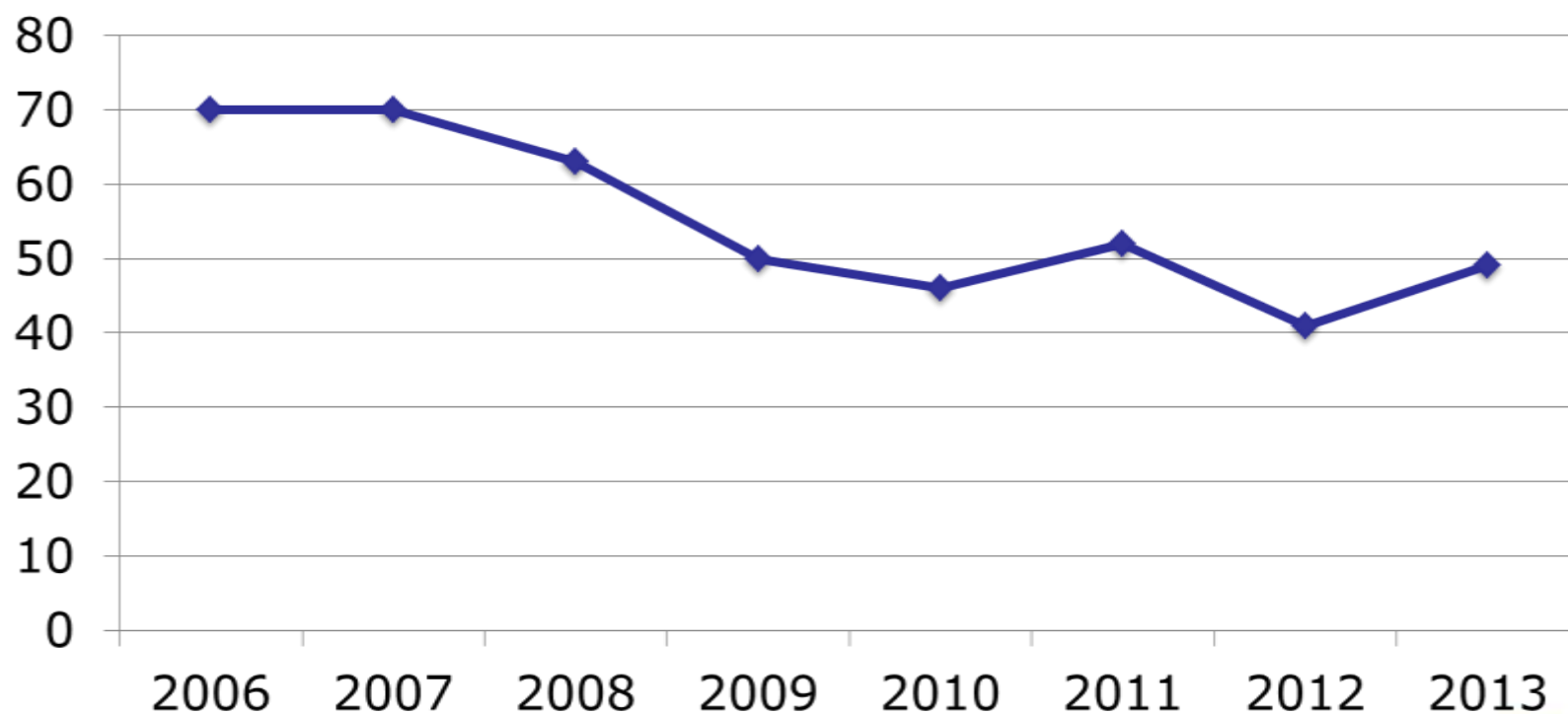


RESULTS

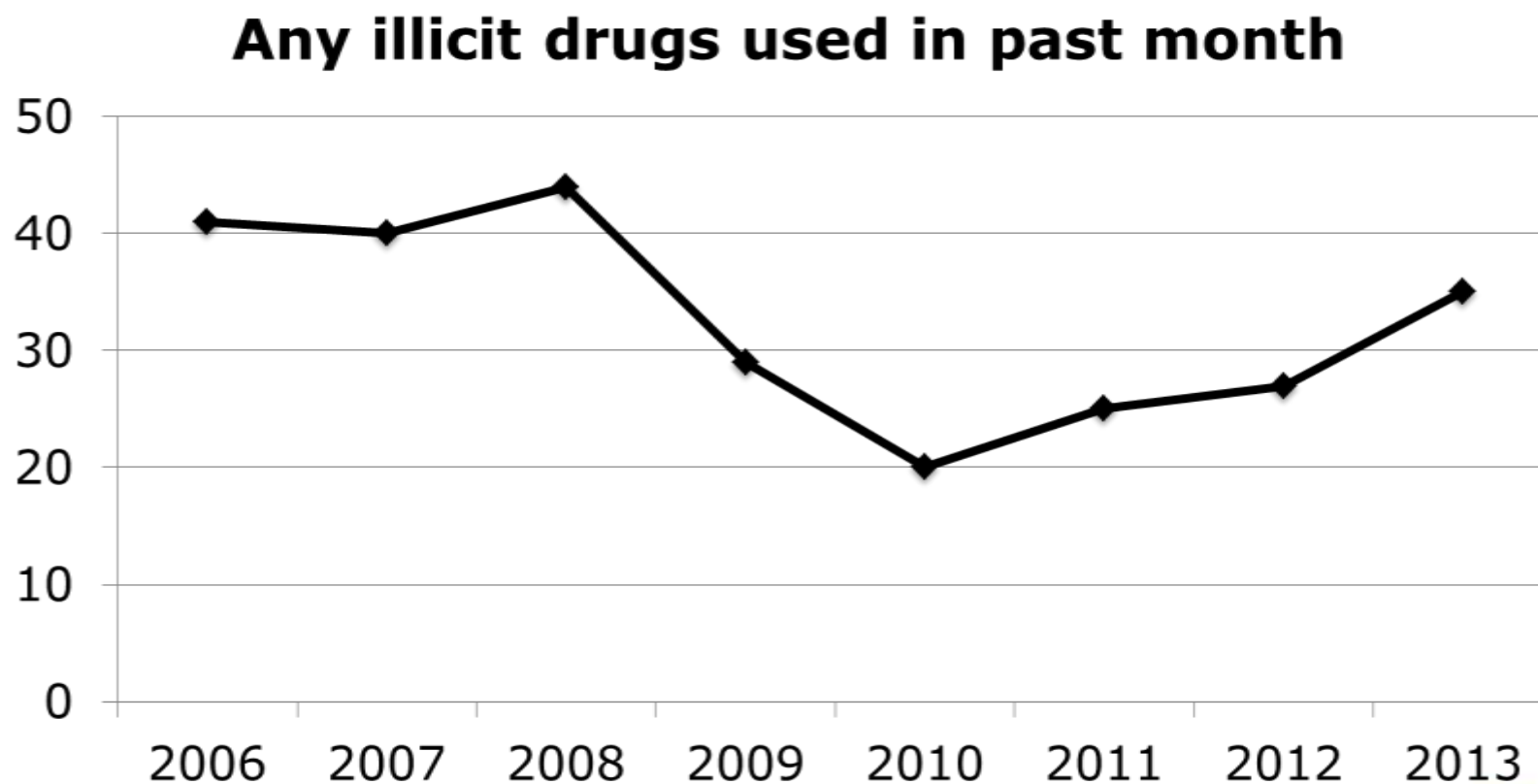
DRUG TRENDS

Results – Drug trends

Ever used illicit drugs

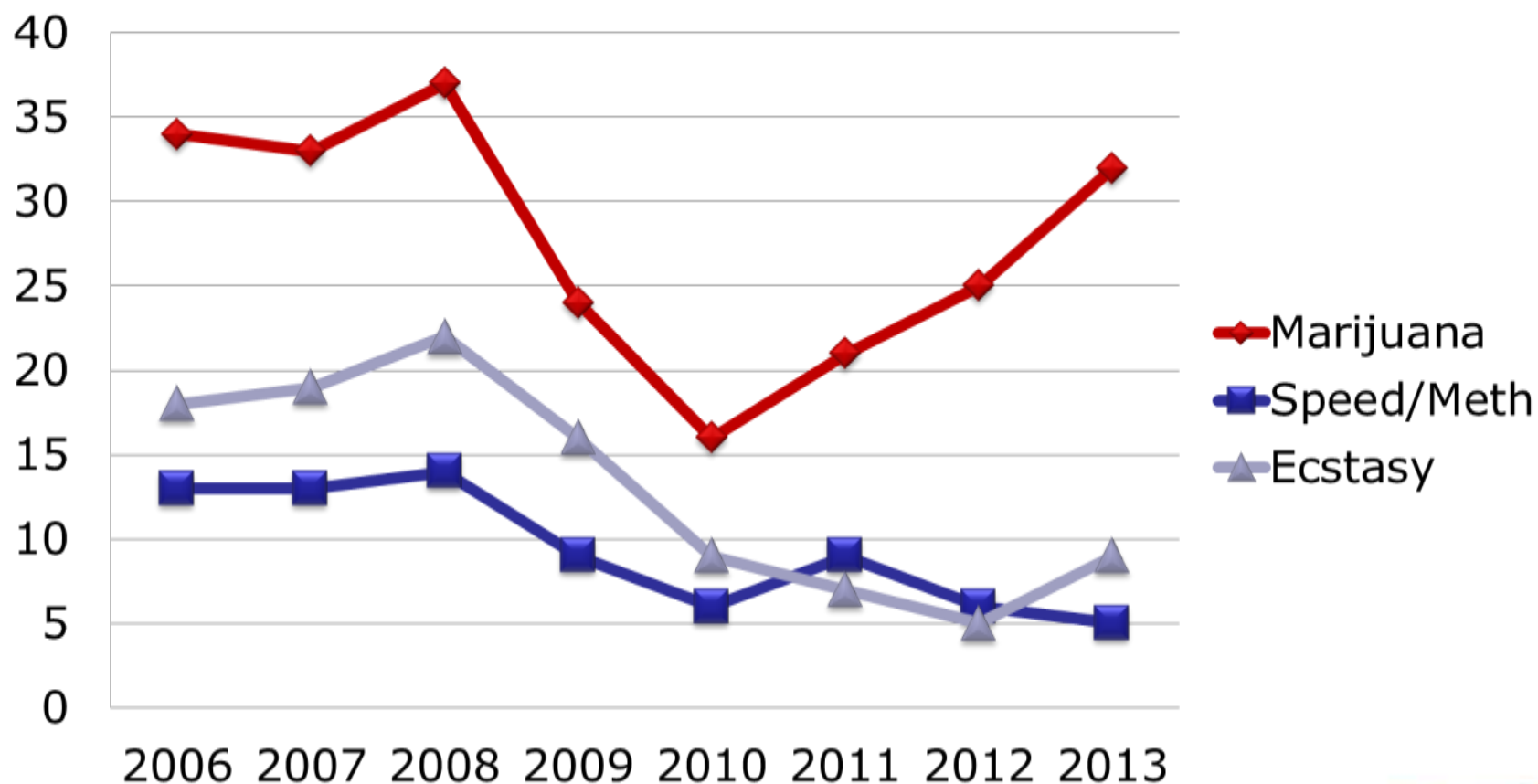


Results – Drug trends

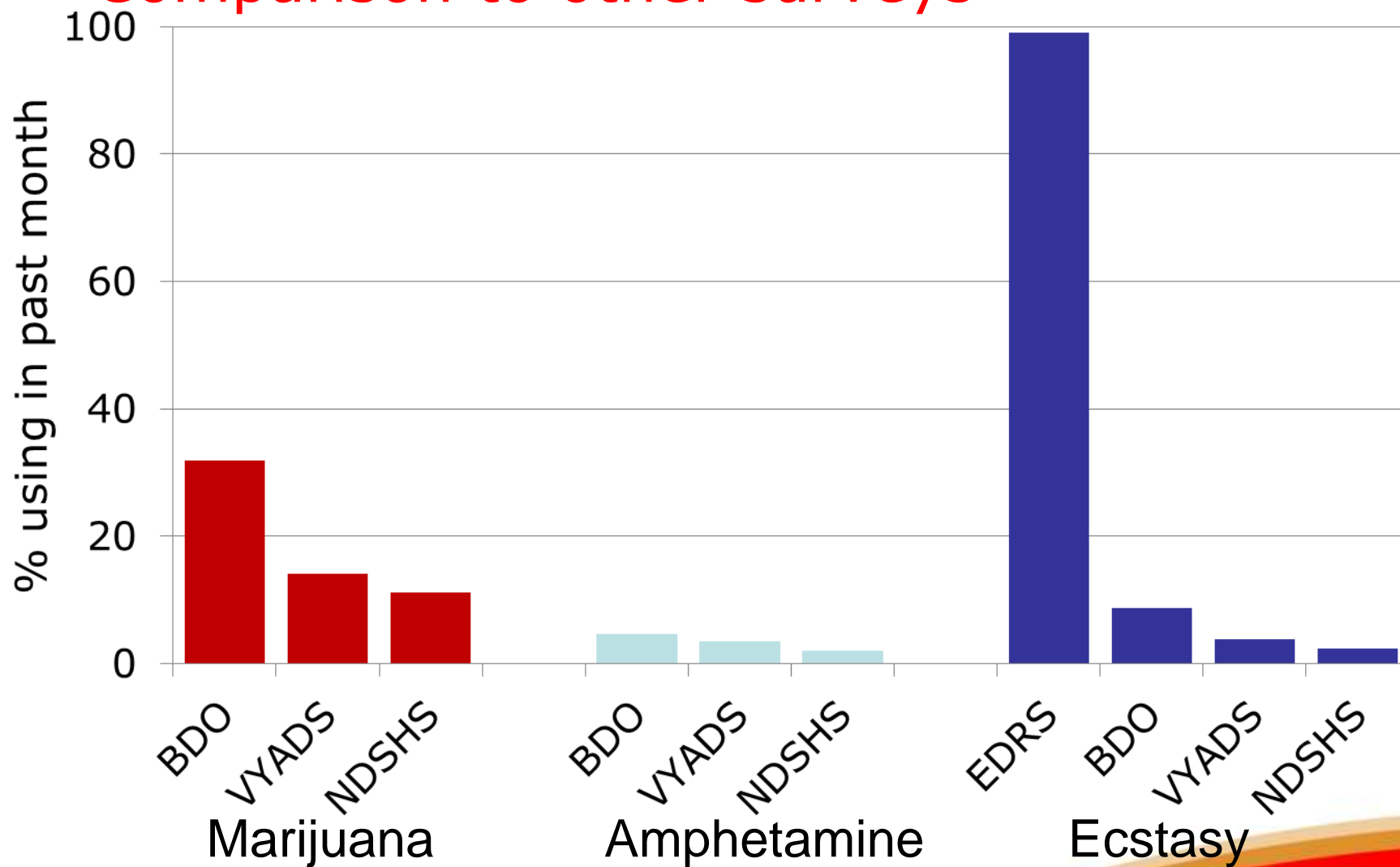


Results – Drug trends

Drugs used past month

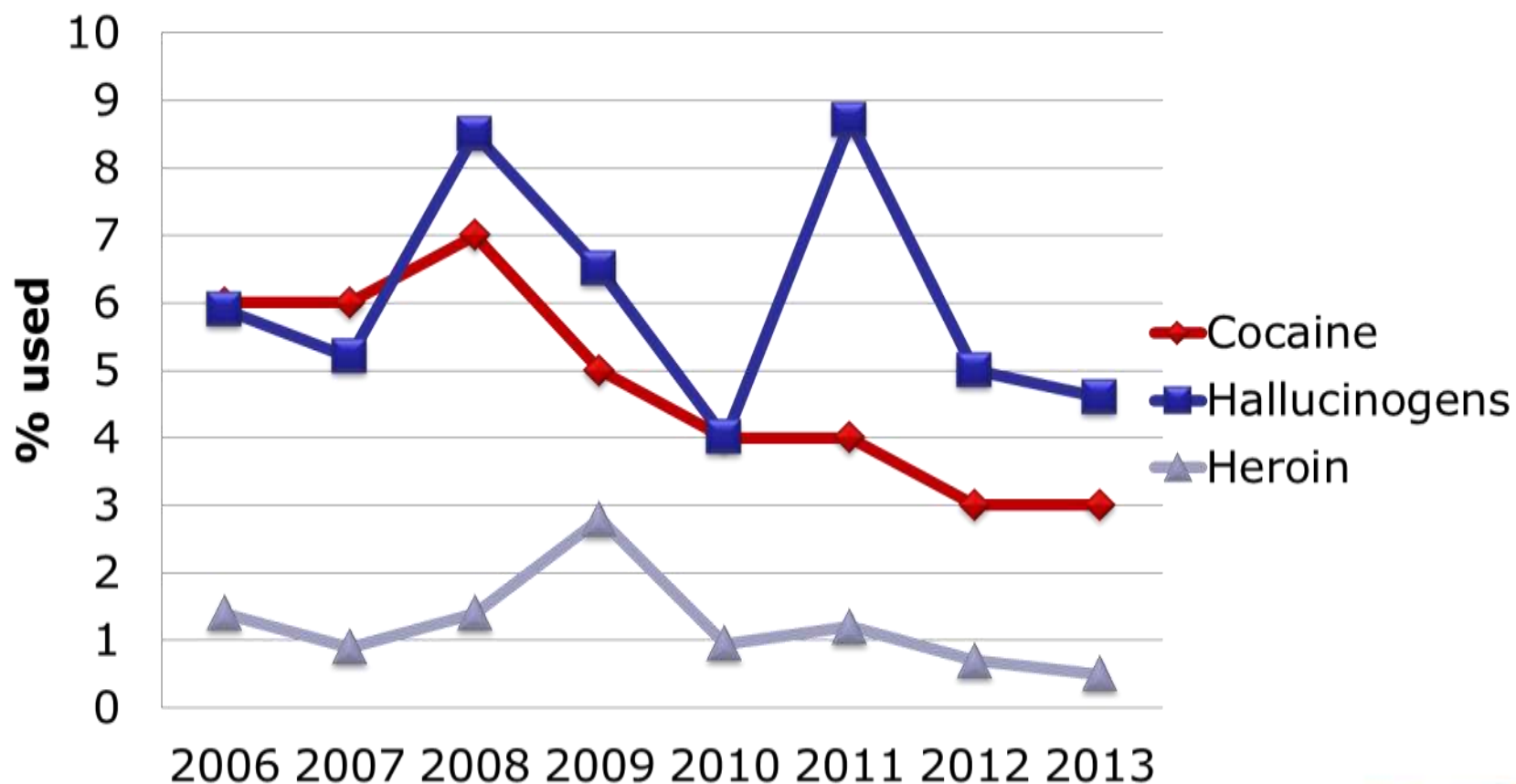


Comparison to other surveys

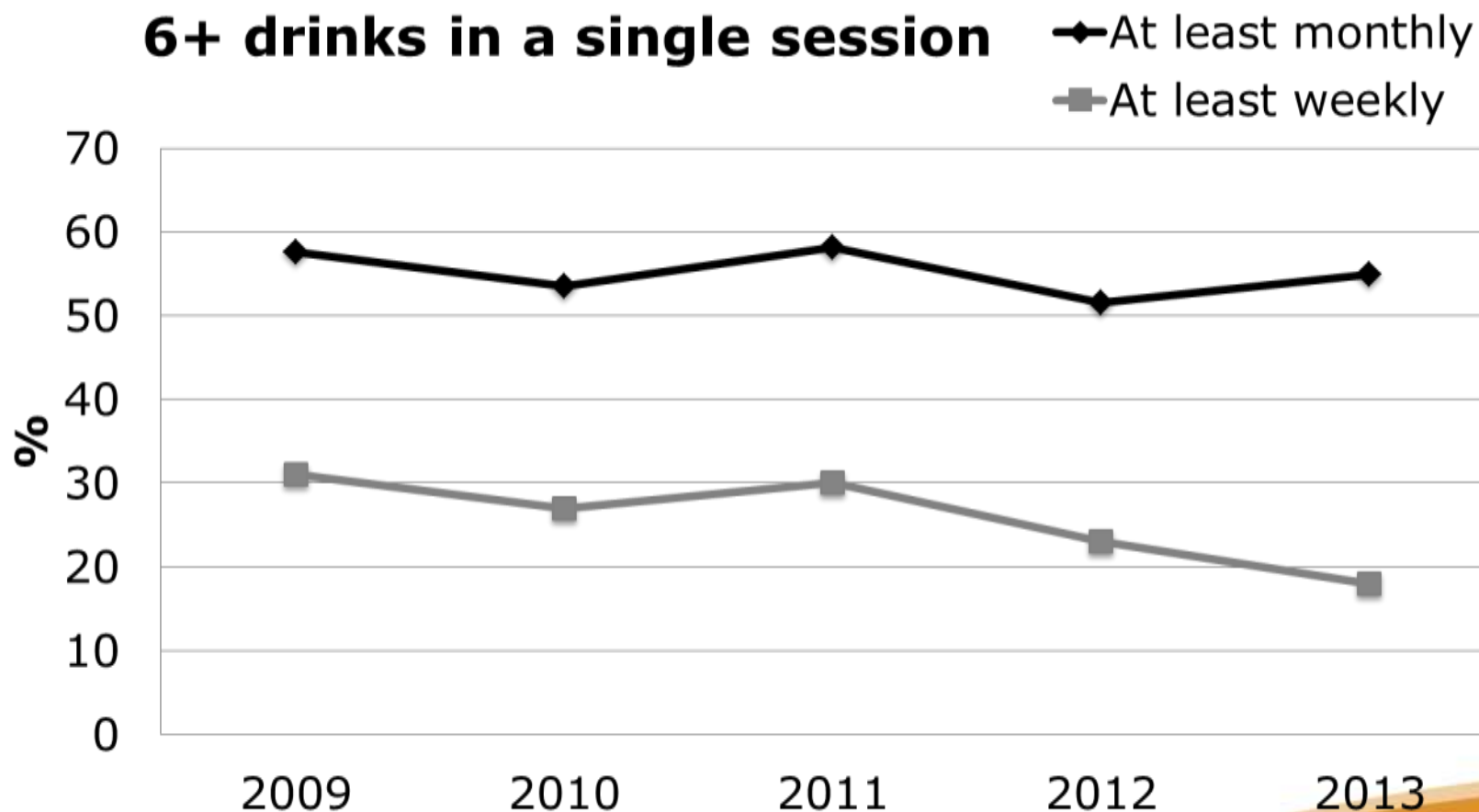


Results – Drug trends

Drugs used past month



Results – Binge drinking trends

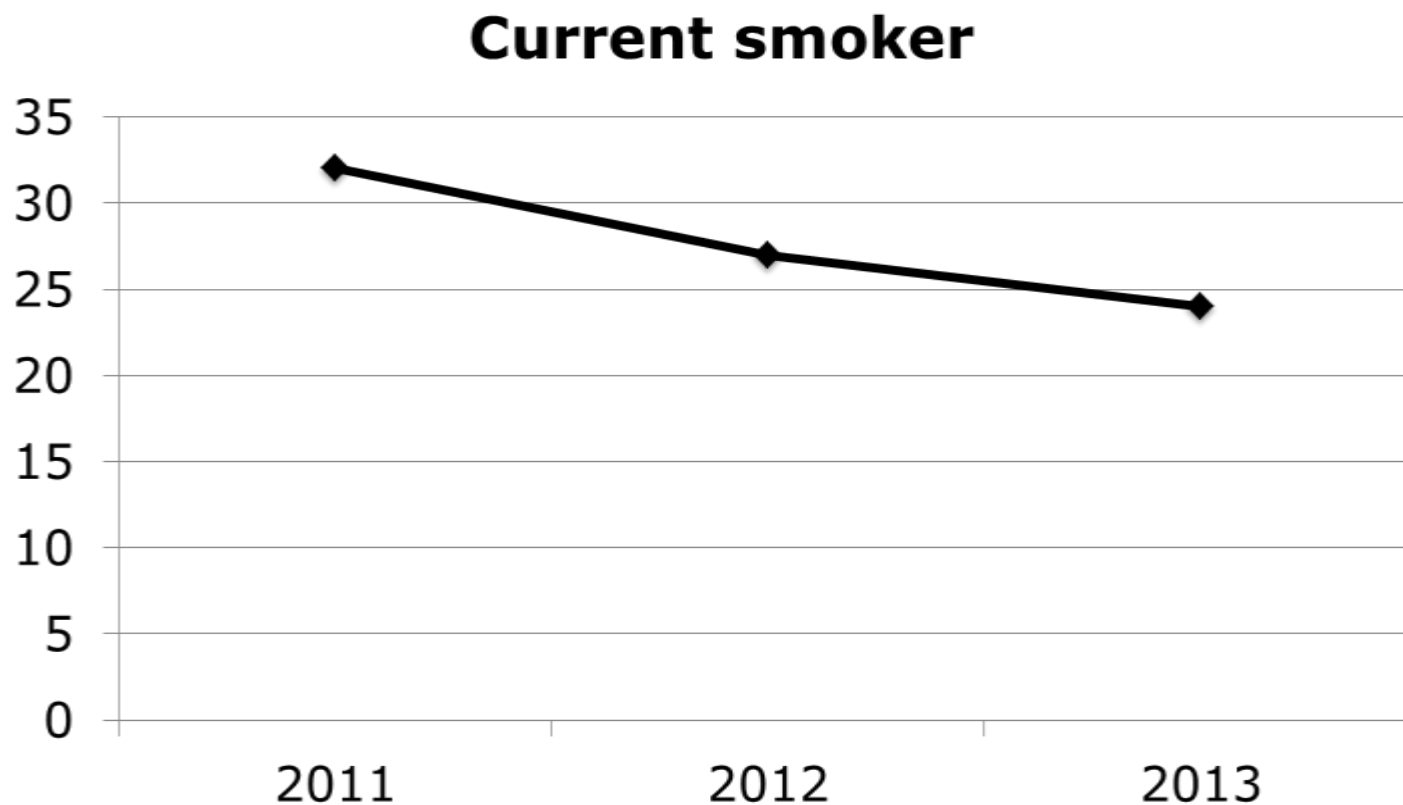


Results - alcohol

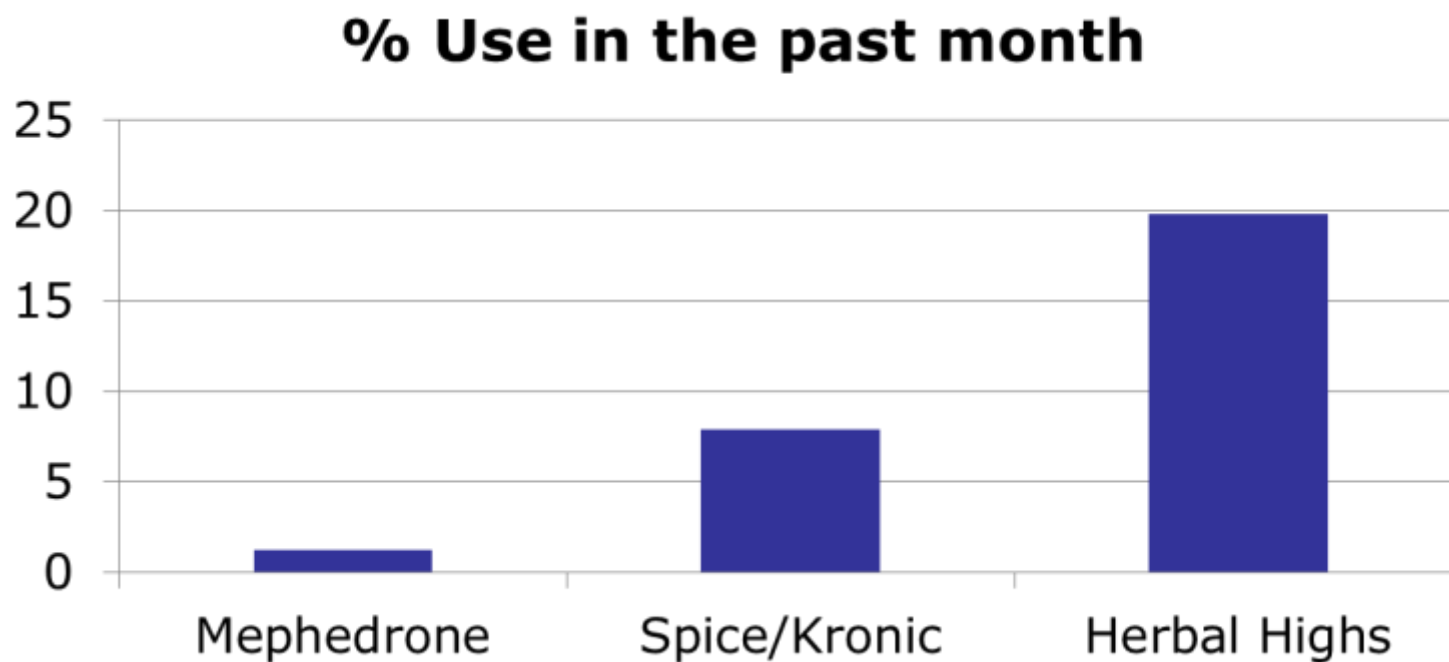
- Median age of first drink was 15 years
- 21% had consumed more than 20 drinks in one session in the past year
 - 53% more than 10
- 35% reported alcohol-related injury
- 19% lost memory at least monthly
- 21% combined alcohol with energy drinks at least monthly



Results – Smoking



Emerging drugs (2012)

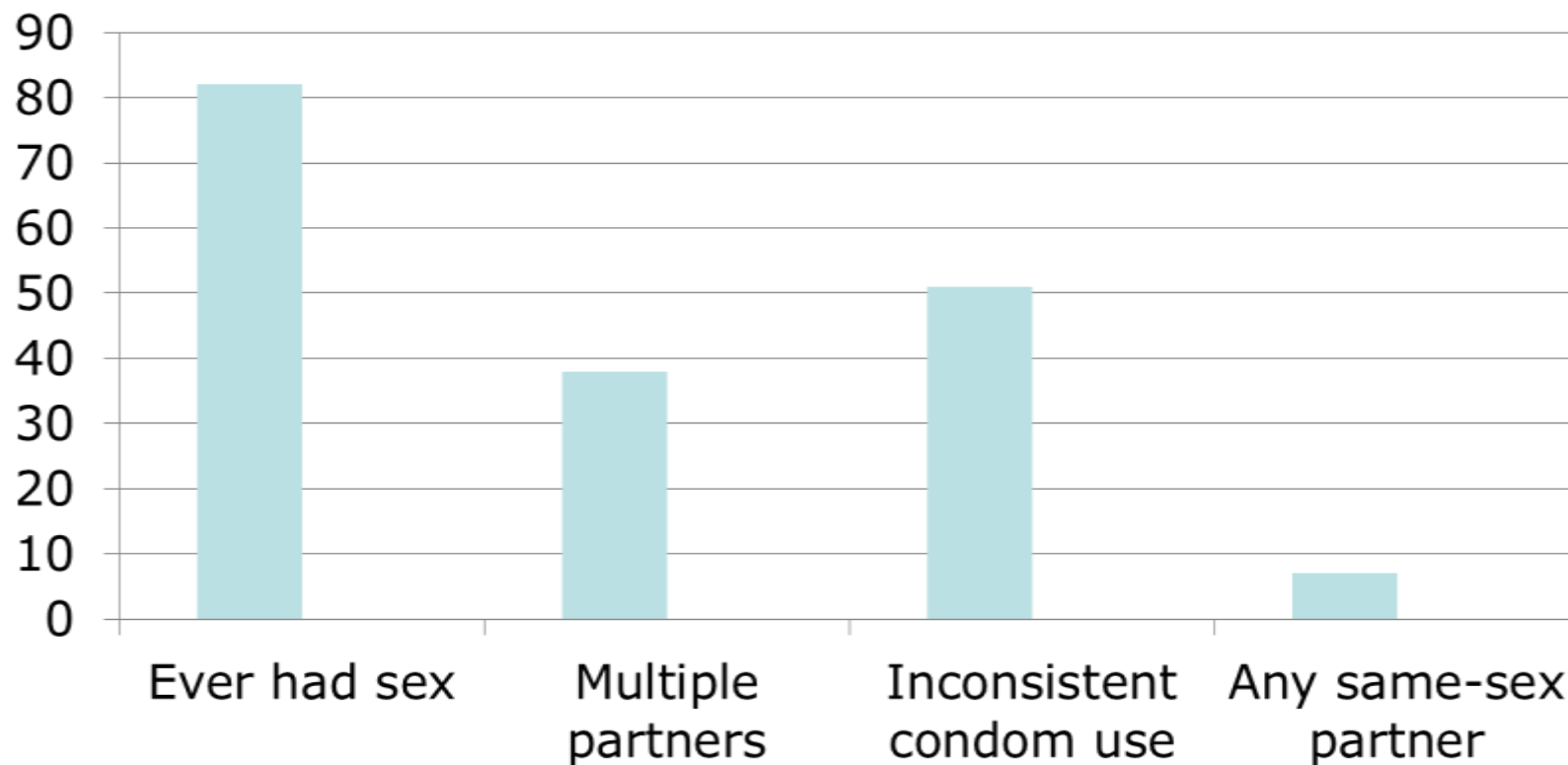


RESULTS

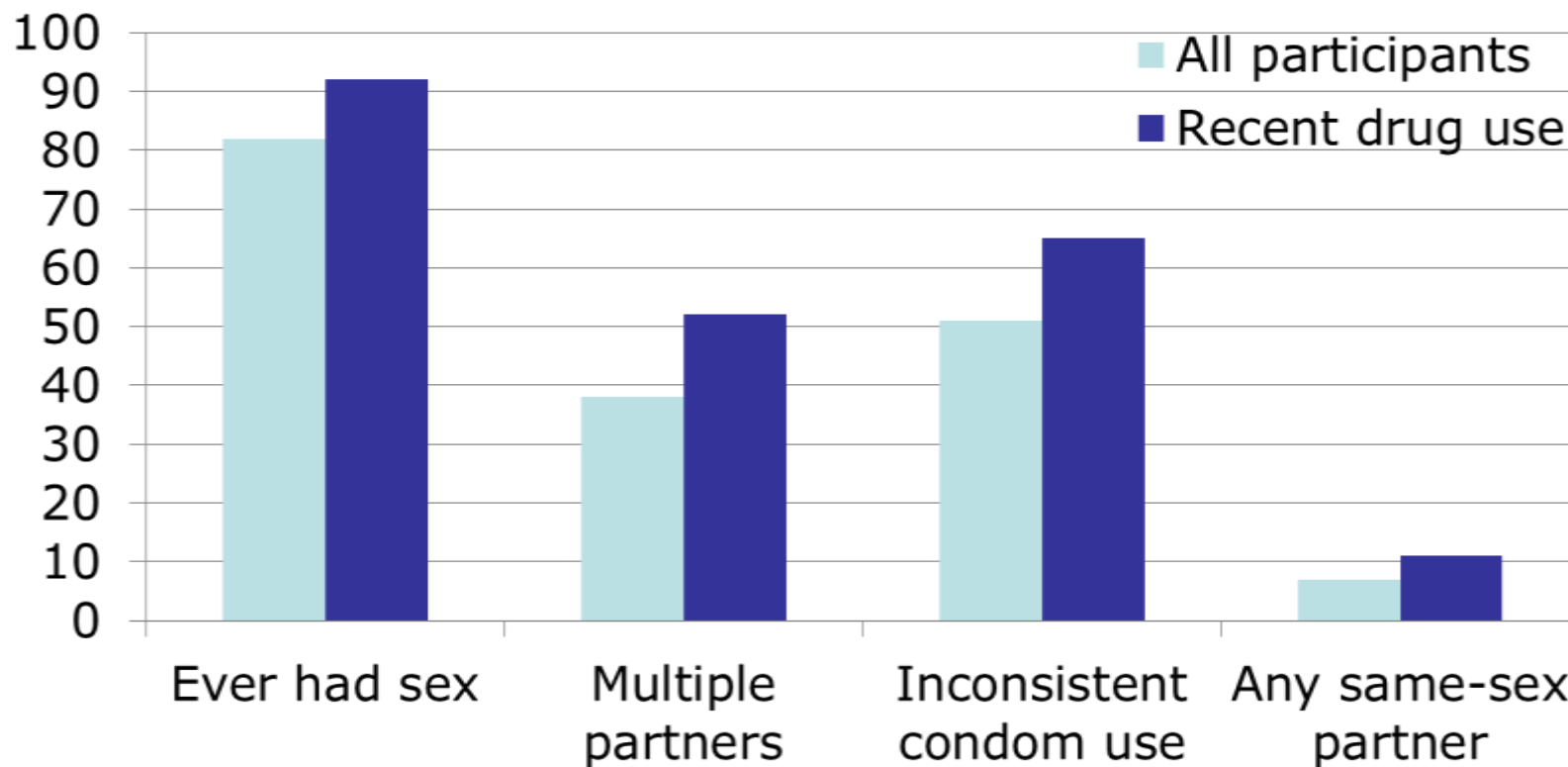
OTHER BEHAVIOURS and their correlation with recent drug use



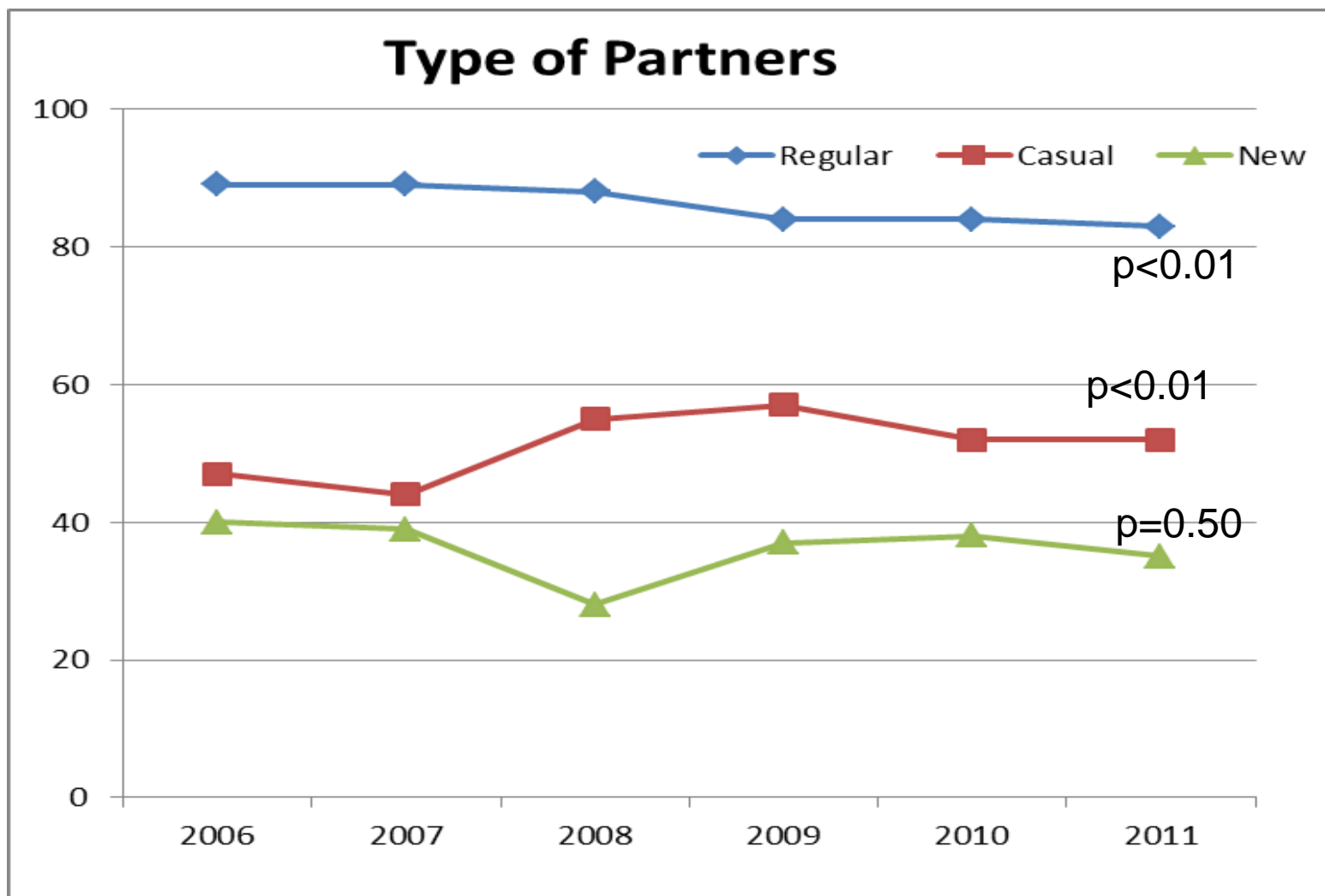
Sexual behaviours



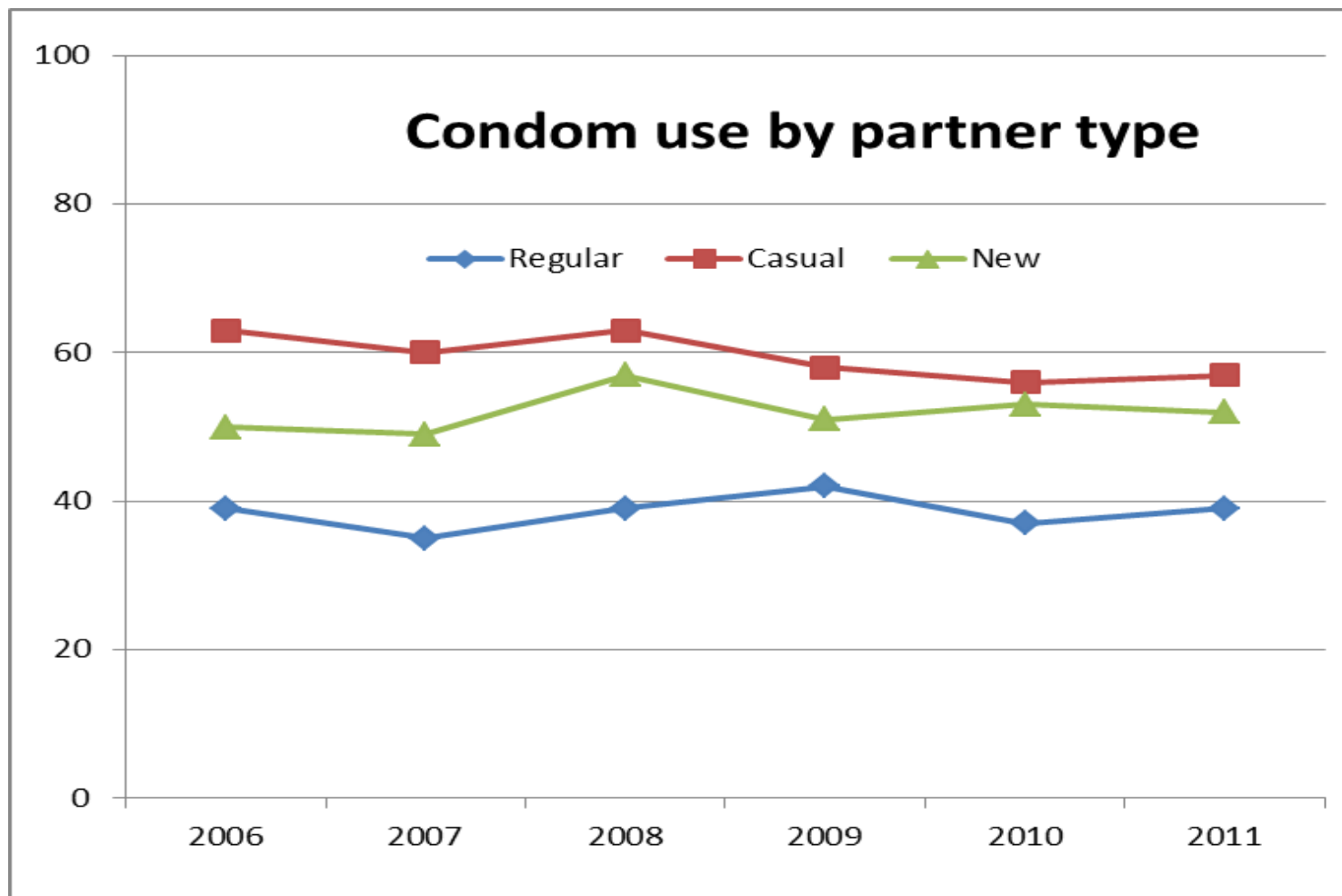
Sexual behaviours



Results: SEX



Results: SEX



$p < 0.01$
 $p = 0.73$
 $p = 0.94$



STI knowledge

TRUE OR FALSE.....	% correct
Chlamydia can be diagnosed by a urine test	52
STIs can be treated with antibiotics	50
The pap smear can diagnose all the main STIs	34
Chlamydia can make women infertile	63
STIs may not always have symptoms	72
Chlamydia can last for years if untreated	73

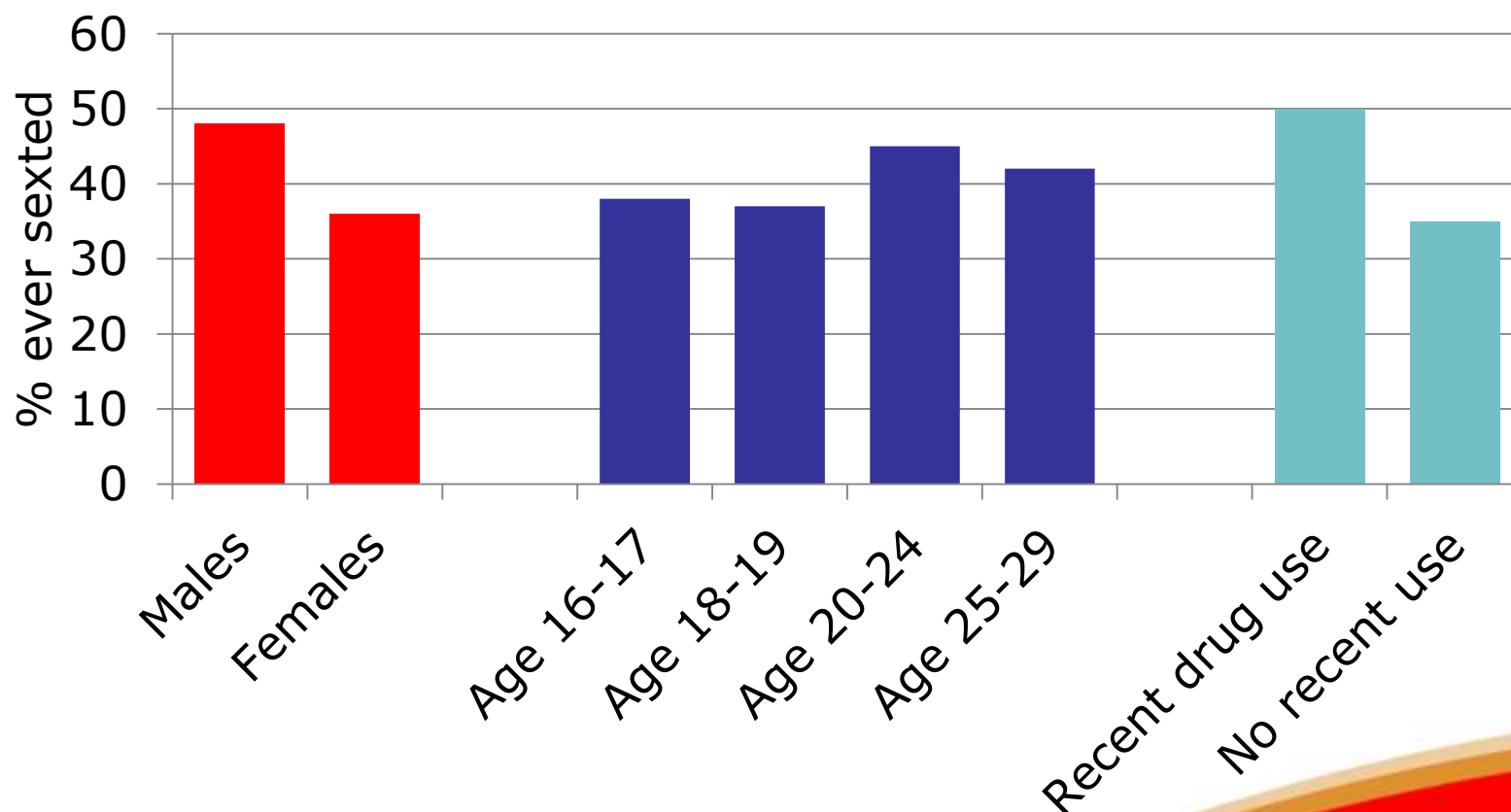
Mean score 3.4/6



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Sexting (n=1403)

- 40% had ever sexted



Healthy lifestyles

- 42% overweight or obese
 - Associated with recent drug use (OR 1.3, 95CI 1.1-1.5)
- Only 8% meet fruit/veg guidelines
- 55% watch TV 2+ hours per day



Gambling

- Gambling in past 12 months
 - 58% of males
 - 39% of females
- No association with recent drug use
- Online/apps less common than casino/TAB/pokies

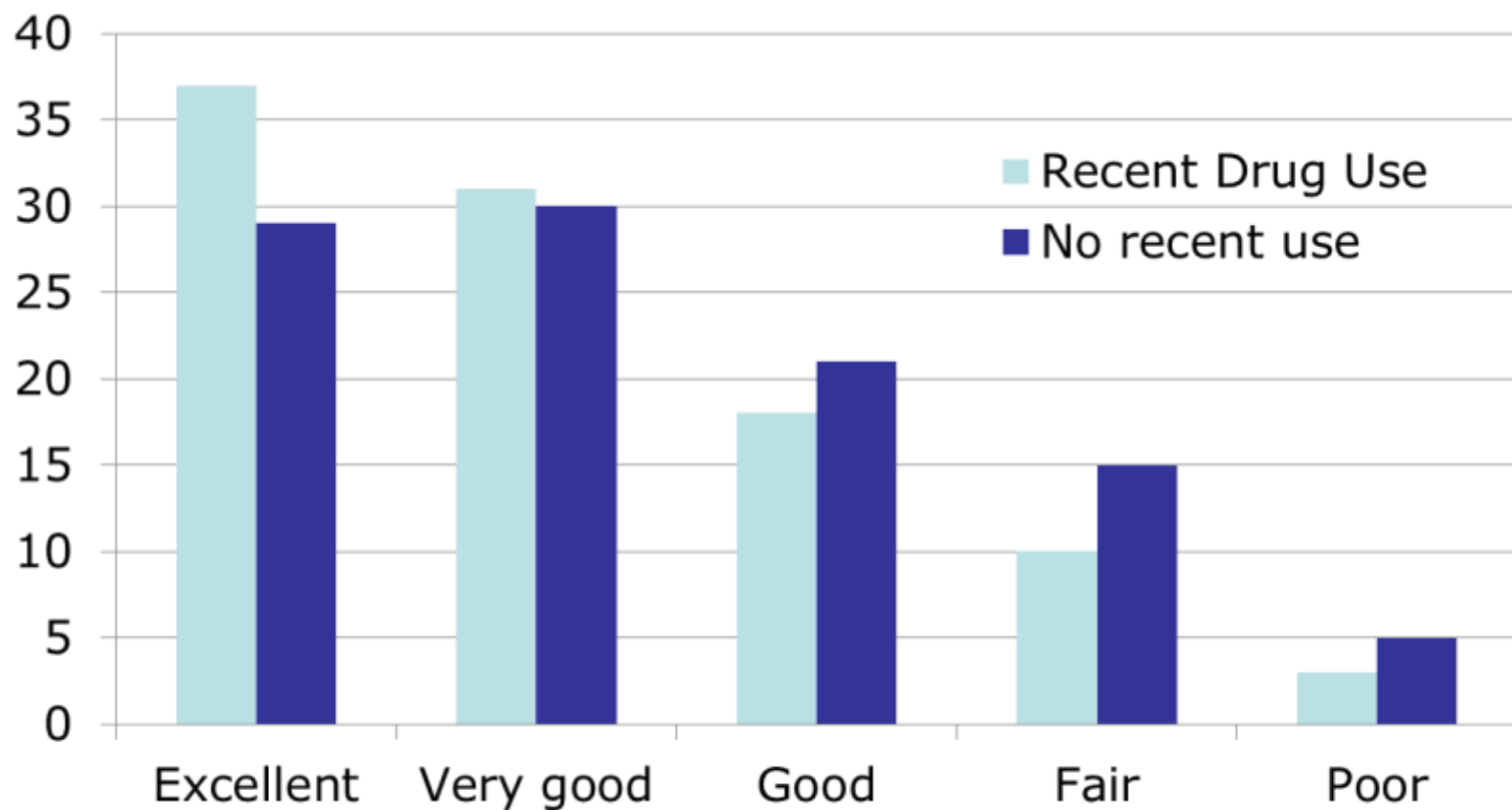


Results – Mental health problems

- 21% report any mental health problems in the past 6 months
- More common in females (26%) than males (13%)
- Associated with recent illicit drug use (OR 1.7, 95CI: 1.3-2.3)



Self-rated mental health



Bonus: Health promotion



Bonus: Health promotion

facebook

Search for people, places and things



The FaceSpace Project

291 likes



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Bonus: Health promotion

facebook

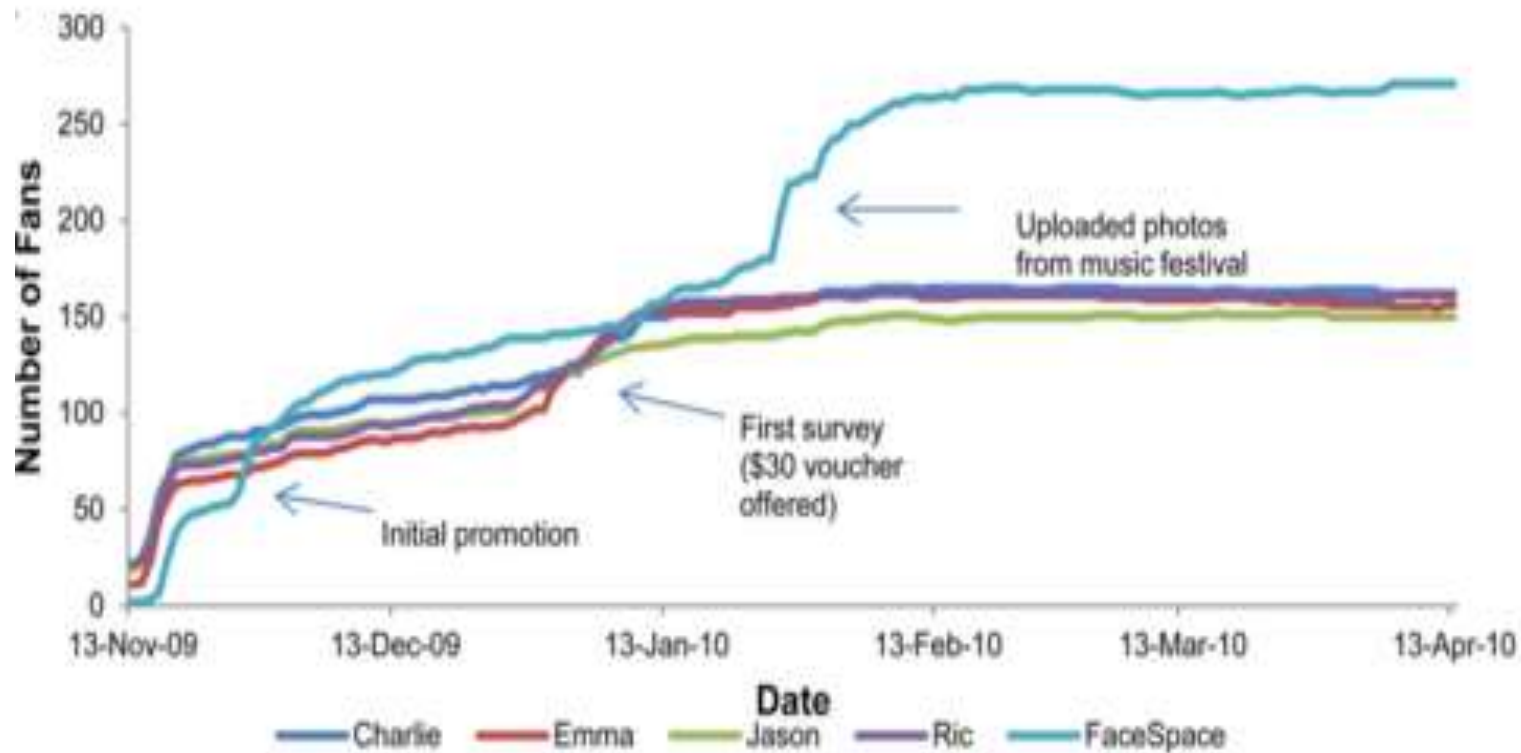


Search for people, places and things

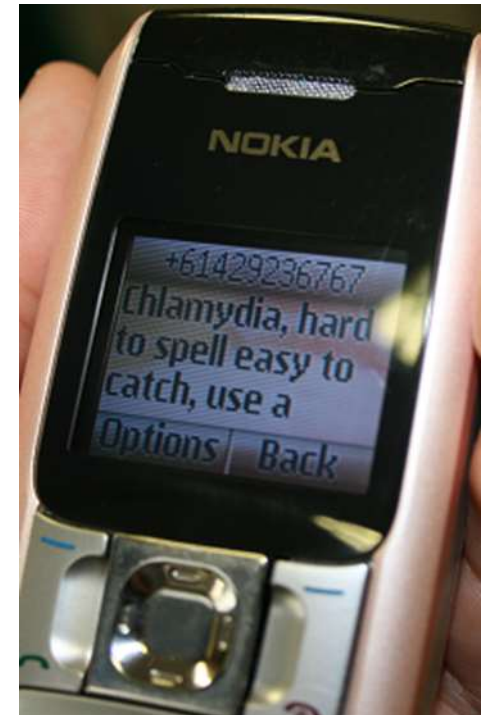
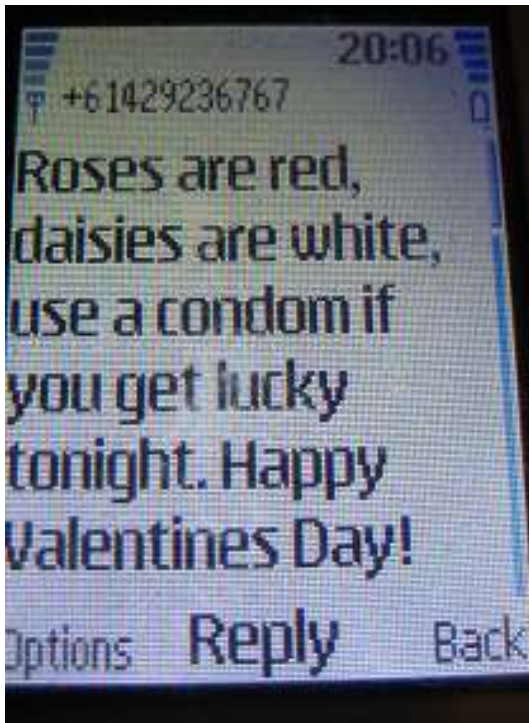


The FaceSpace Project

291 likes



Bonus: Health promotion



Limitations

- Representativeness
- Self-report
- Cross-sectional



2014 – 10th Anniversary survey

New questions

- Emerging substances
- Buying drugs online
- Bullying
- First sexual experience
- Pornography



Thank you!

