

Children's everyday exposure to food marketing: a wearable camera study



Professor Louise Signal















Aim

To examine the frequency & nature of NZ children's exposure to food marketing











Method

- I 68 randomly selected Year 8 children from I 6 Wellington schools
- Equal numbers by gender, ethnicity and SES
- Wore a camera and GPS recorder for four days
 - Photo taken every 7 seconds 1.3 million photos
 - ▶ Longitude/Latitude every 5 seconds 2.9 million GPS points



American Journal of Preventive Medicine



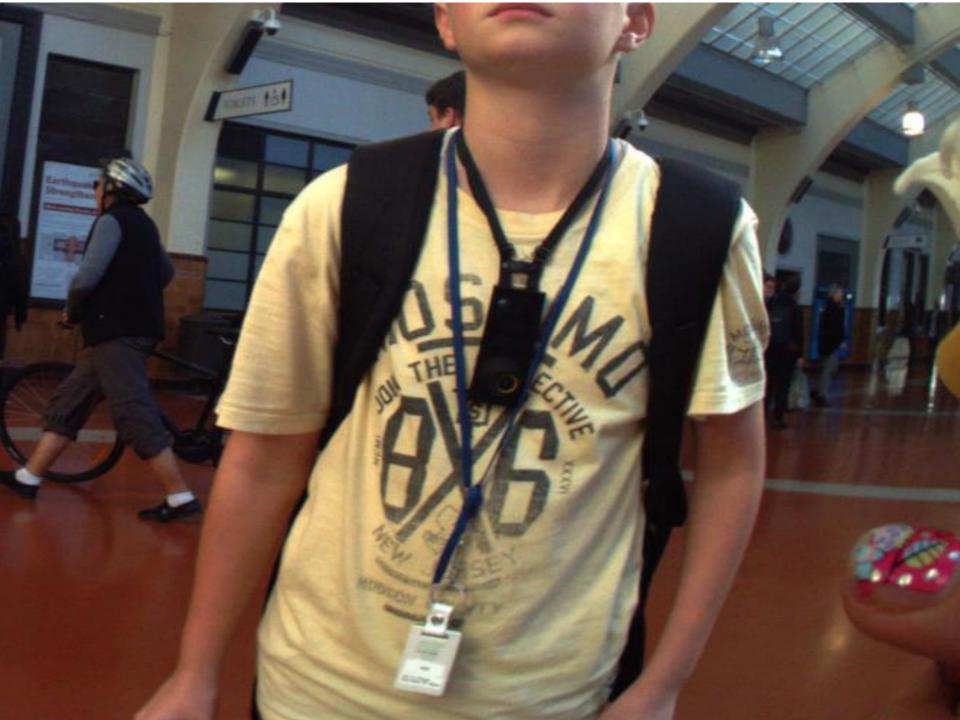
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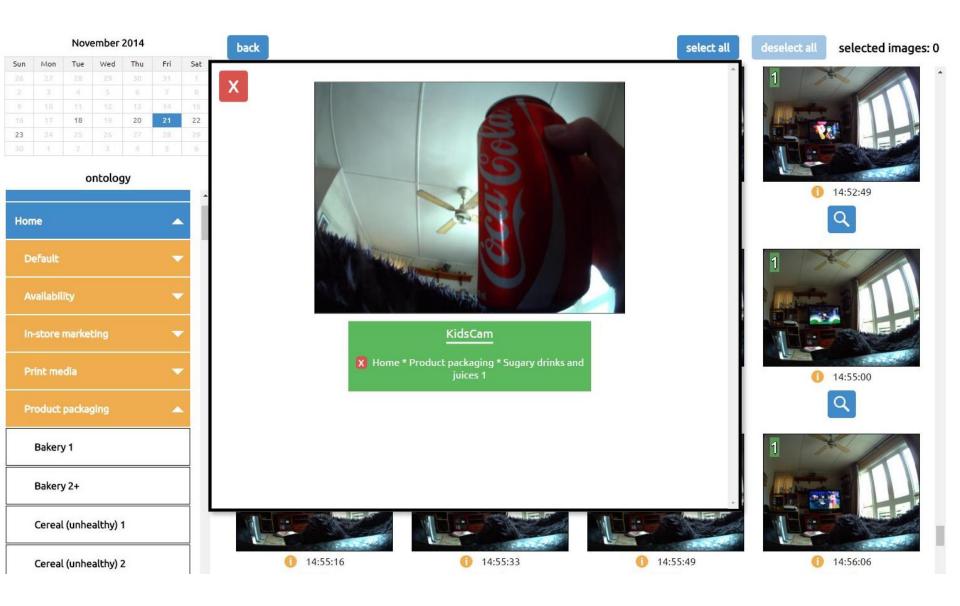
Research Methods

Kids'Cam: An Objective Methodology to Study the World in Which Children Live

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Kids'Cam strengths and limitations

Strengths

- Everyday environment from a child's perspective
- Exposure which overcome limitations of self or proxy-report
- Addresses obligation to children under the UN Convention on the Rights of the Child

Weaknesses

Underestimation – screens and shops not included

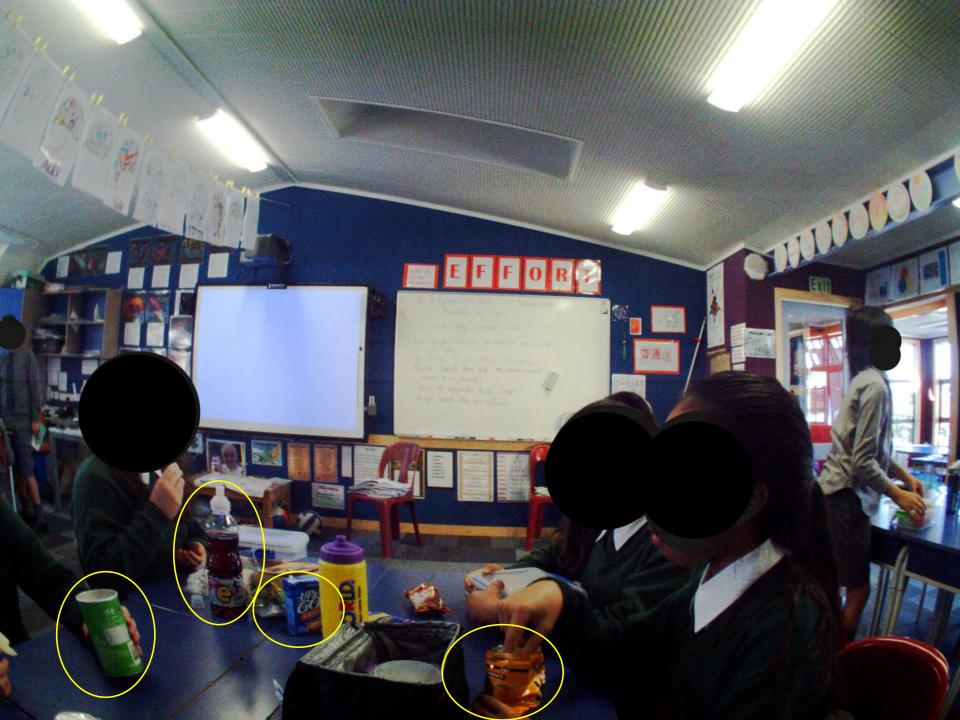


RESULTS























Marketing for Powerade - "it makes other people want to drink Powerade, 'cos it's like role model energy"





Kiwi kids are exposed to 27 junk food advertisements a day, study finds **stuff**

RACHEL THOMAS Last updated 19:24, October 9 2017





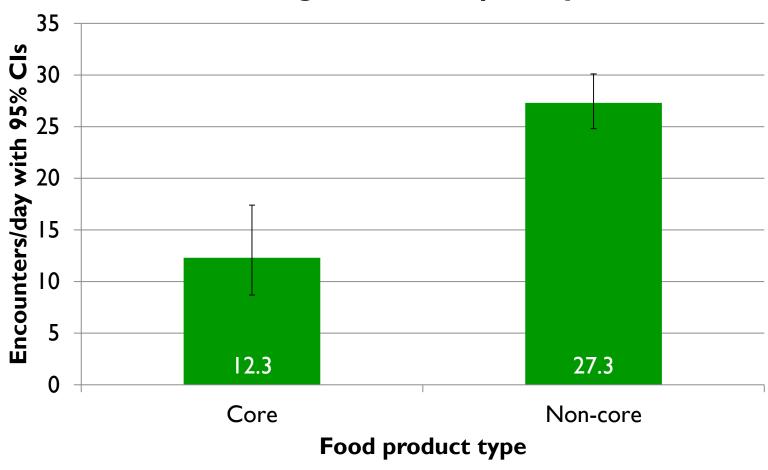








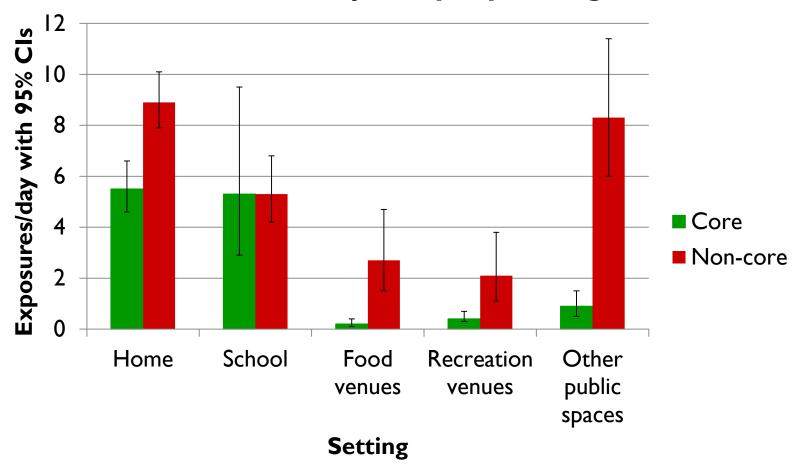
Mean rate of core and non-core food marketing encounters per day*



*Rate per 10 hours of photographs; across all settings and media

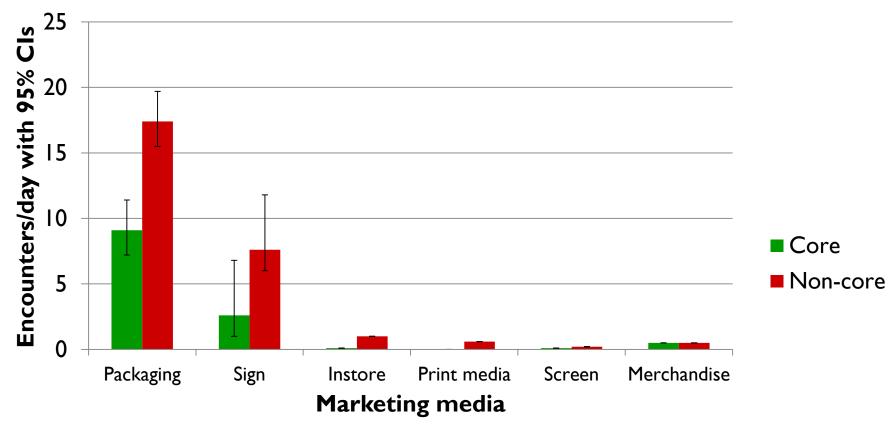


Mean rate of core and non-core food marketing encounters per day* by setting



*Rate per 10 hours of photographs

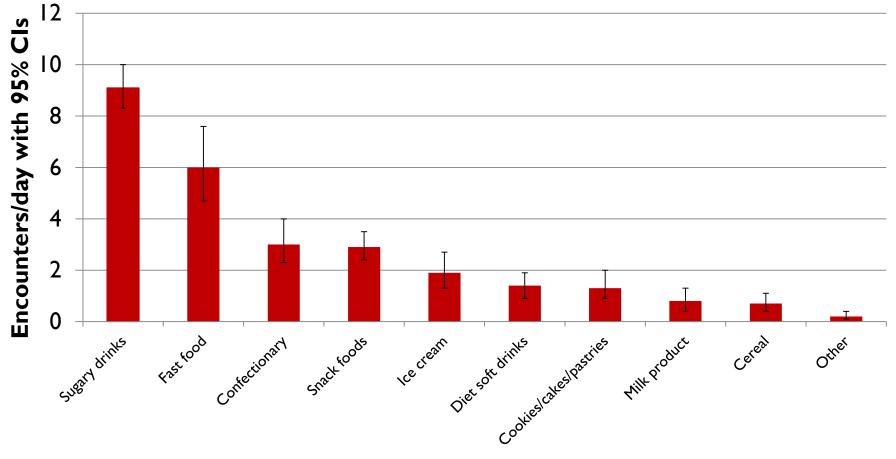
Mean rate of core and non-core food marketing encounters per day* by media



^{*}Rate per 10 hours of photographs



Mean rate of non-core food marketing encounters per day* by product categories



Product category

*Rate per 10 hours of photographs



Conclusions

- NZ children are surrounded by junk food marketing 2x healthy food marketing
- Current advertising regime does not protect children so need government regulation of advertising, well monitored with real sanctions
- ▶ Buy out sports sponsorship by junk food e.g. Gatorade and the ABs HPA
- Local and central government leadership on advertising in public places e.g. clean zones around schools and in residential neighbourhoods
- Ban junk food in schools
- Consider plain packaging

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RESEARCH

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Not one single country has managed to turn around its obesity epidemic in all age groups. This is not a failure of individual will-power. This is a failure of political will to take on big business....In the view of WHO, the formulation of health policies must be protected from distortion by commercial or vested interests (Dr Chan, Director-General WHO).



Should Jacinda and other people take notice of your point of view?

Yes

The future is like where we're going to be living, and it needs to be a good place for us





Our thanks

We thank the children, parents, caregivers and schools who let us into their lives.

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