

Driving Purpose and Exposure Young Drivers

Tsippy Lotan

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ASSOCIATION FOR SAFER
DRIVING IN ISRAEL

www.oryarok.org.il



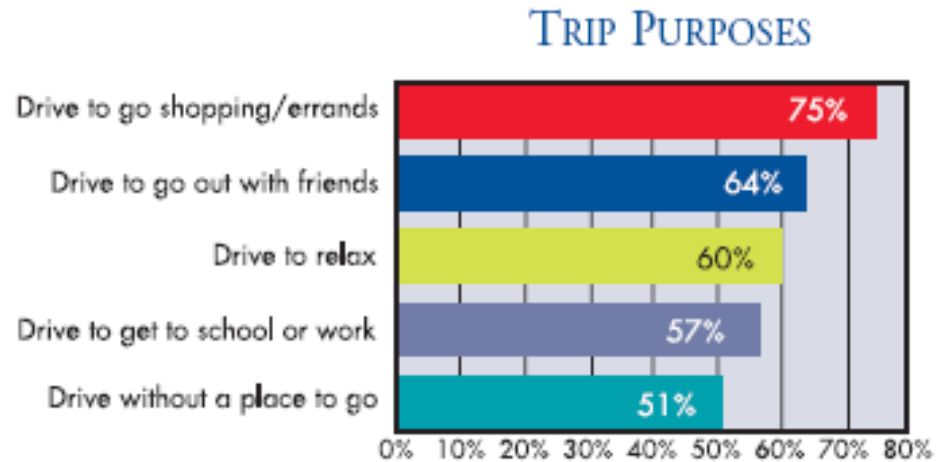
The Questions

- How much do young drivers drive ?
- When do they drive ?
- Where do they go ?
- Why do they drive ?
- Who drives ?
- With whom do they drive ?
- How do they drive ?
- **How do all these factors interact ?**

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Driving Purpose



restaurants, bars, disco

meeting friends

Sports

Stauffacher et al. 2005

Percent of surveyed teens who say they make these trips at least sometimes



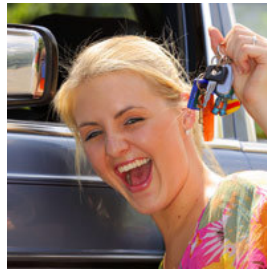
Cruising or driving with no particular destination, Sterff, 1994

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The bottom line

FUN

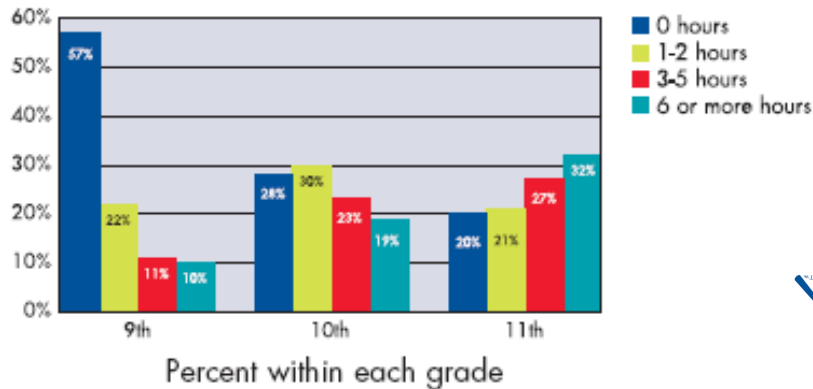


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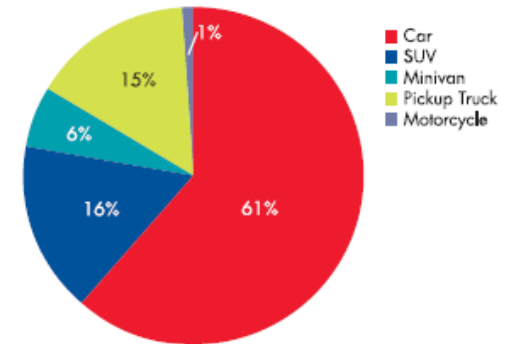


Exposure

HOURS TEENS ESTIMATE THEY DRIVE PER WEEK



VEHICLES TEENS DRIVE



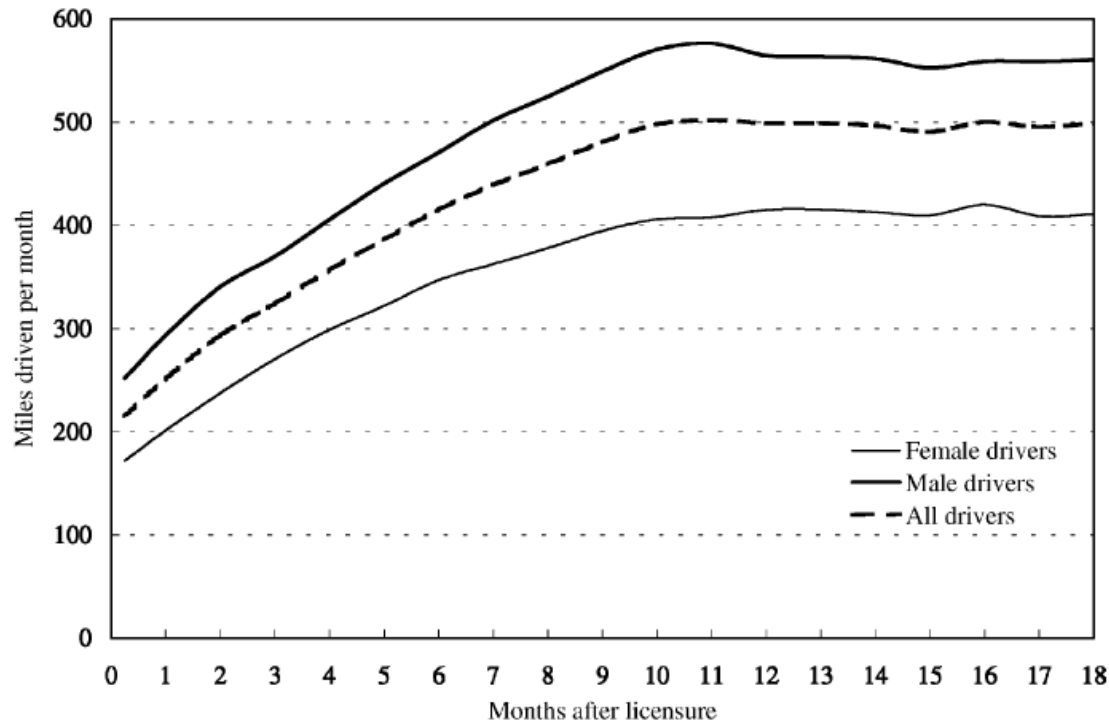
Percent of teens who say they drive these vehicles most often

US and NSW research has confirmed young drivers still tended to drive in conditions of greater risk more often than experienced drivers: on weekends, at night and with peers in recreational circumstances, Senserrick & Haworth, 2005

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Exposure - cont



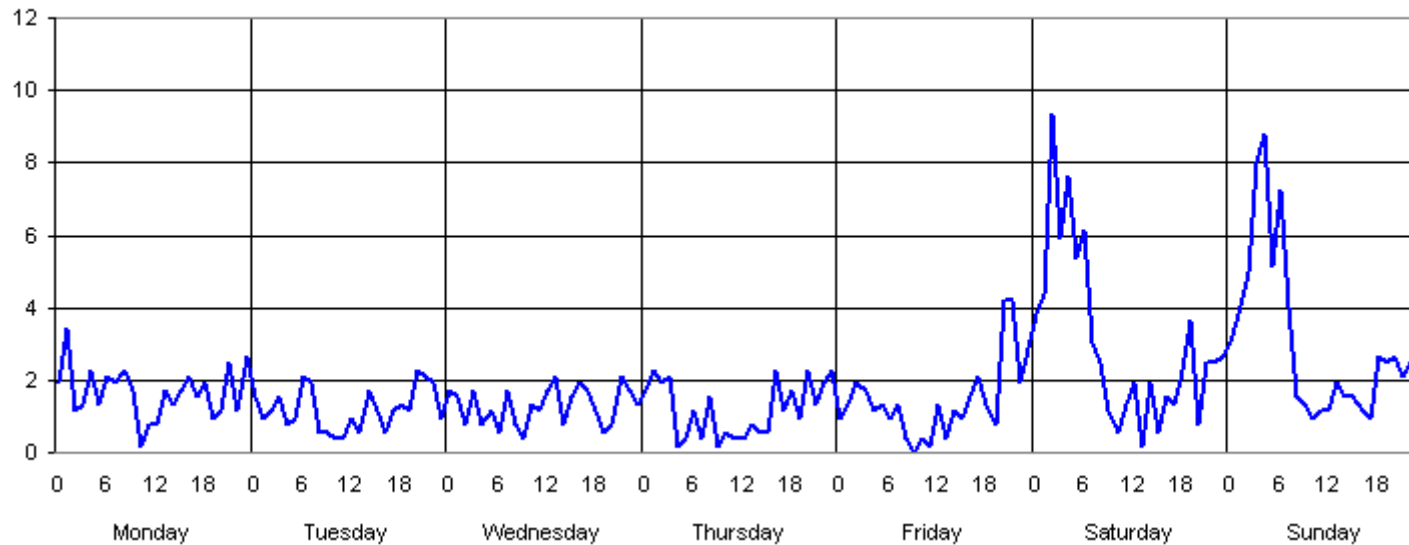
Ann McCartt et, al. 2003

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Exposure – crash data

België/Belgique



**PEOPLE AGED 18-25 KILLED IN ROAD ACCIDENTS, FOR EACH HOUR AND DAY OF THE WEEK
(RATE BY POPULATION IN THE AGE GROUP (rate per million population
AVERAGE OF 5 LAST YEARS AVAILABLE 2002
CARE**

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Methodology – data sources

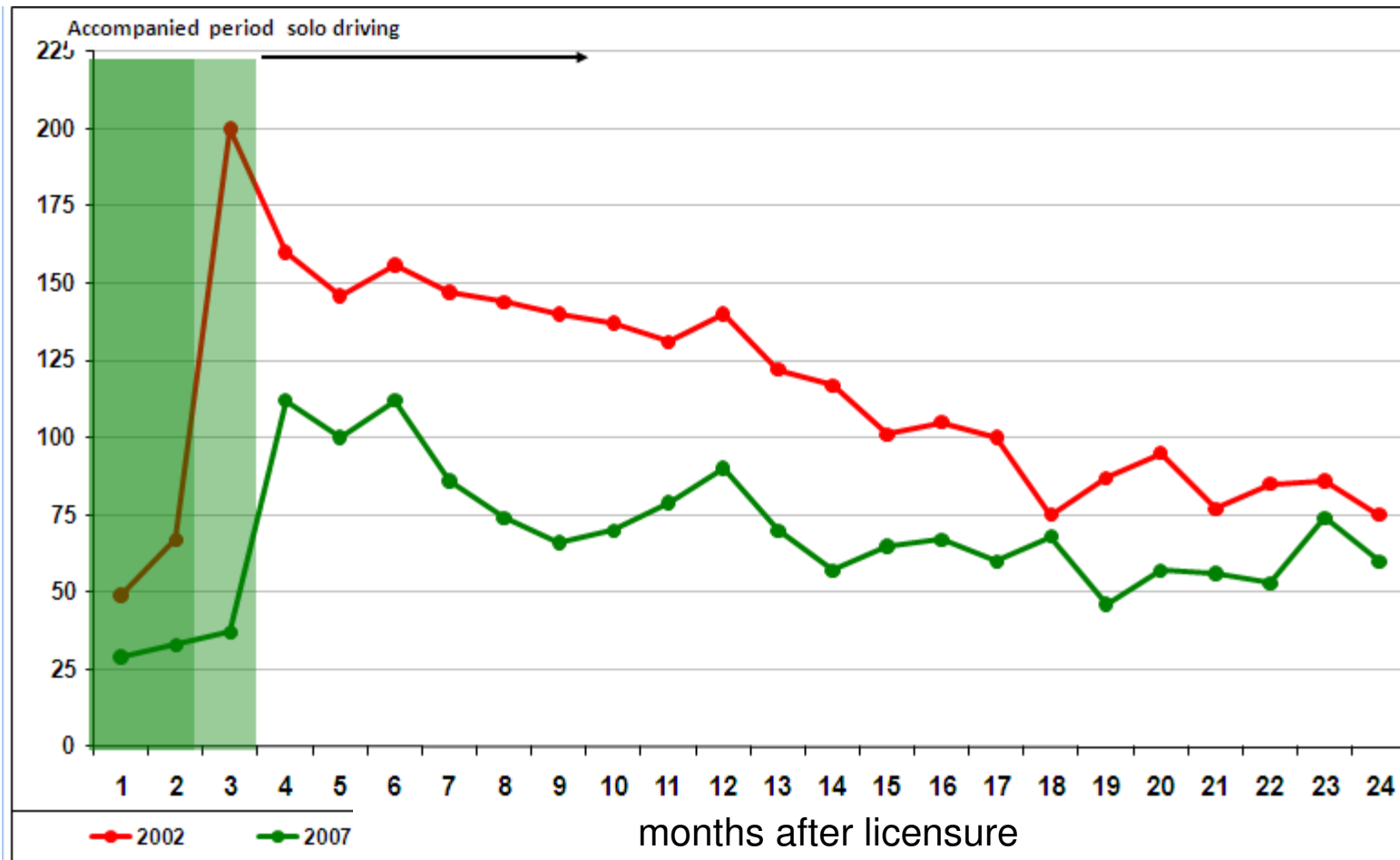
- Surveys
- Logbooks
- Crash records
- **Naturalistic data**

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On the relation between exposure and crashes

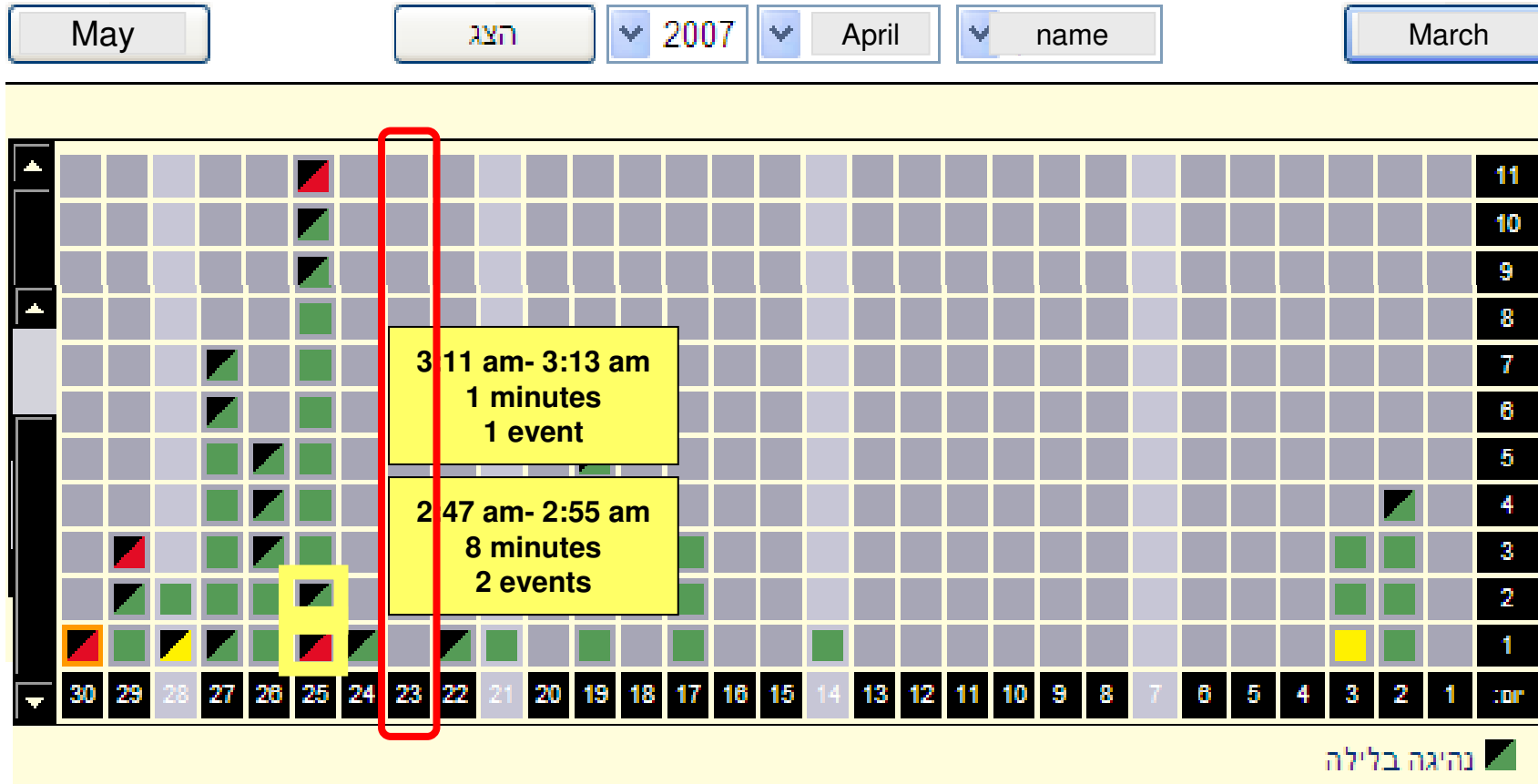
Young drivers – Crash involvement



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A typical diary – solo driving phase starts on 23/4/07

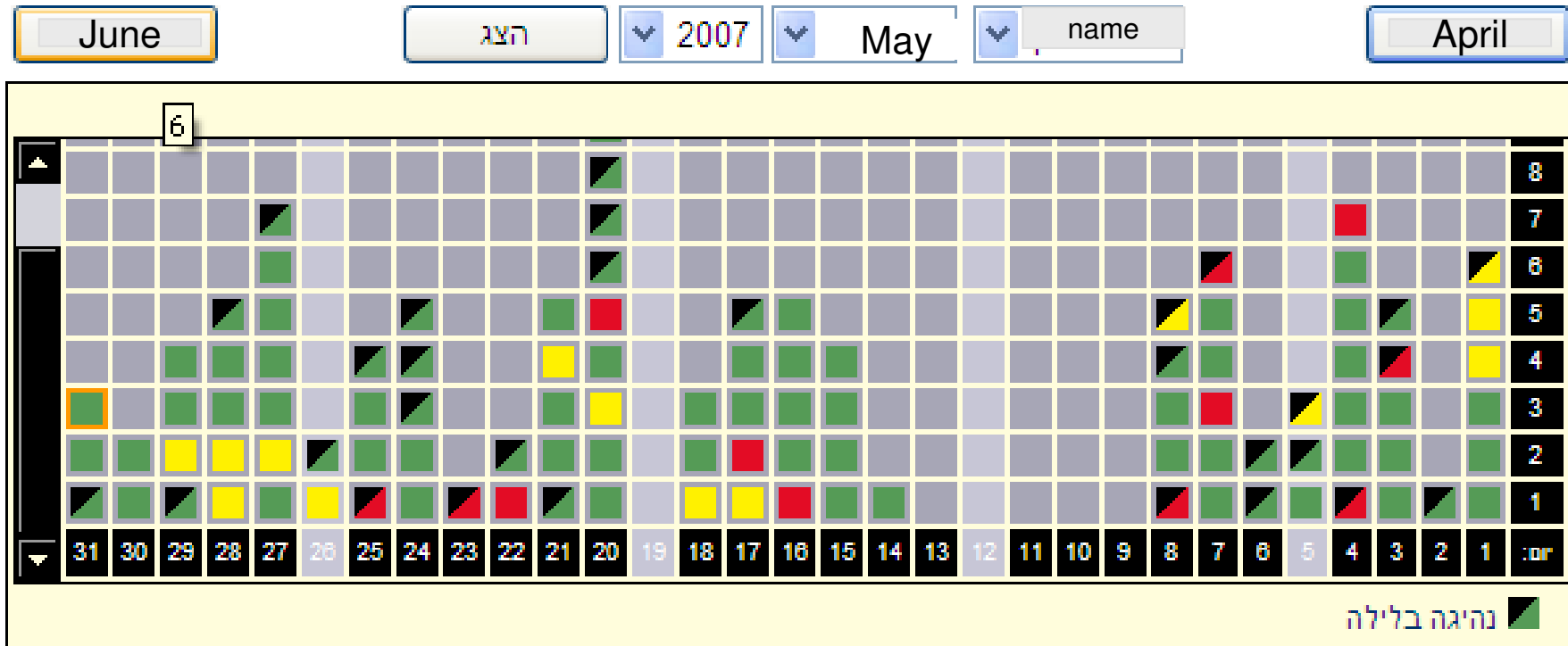


Young driver



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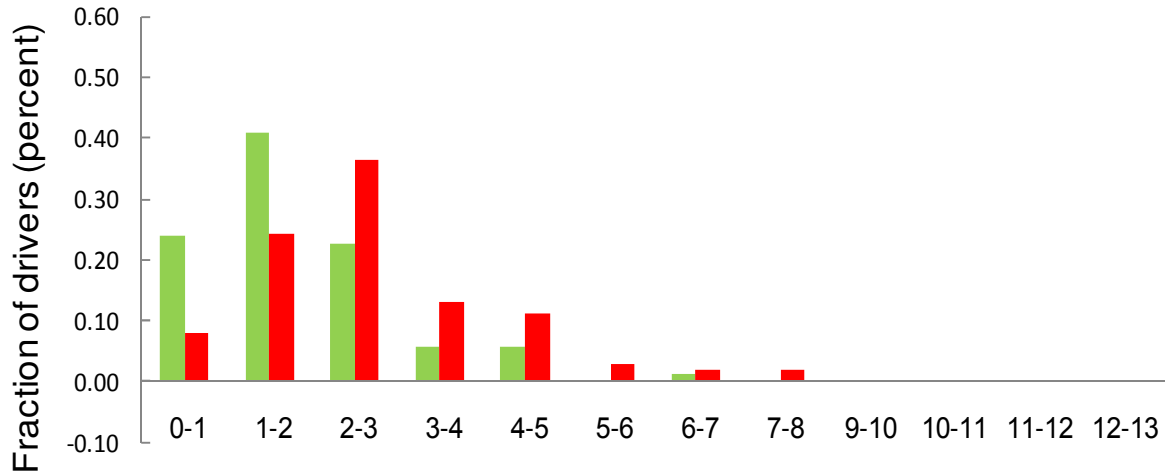
solo driving phase



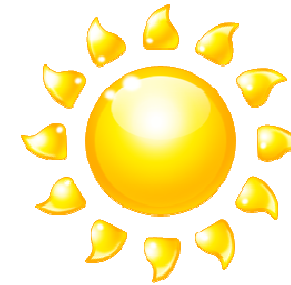
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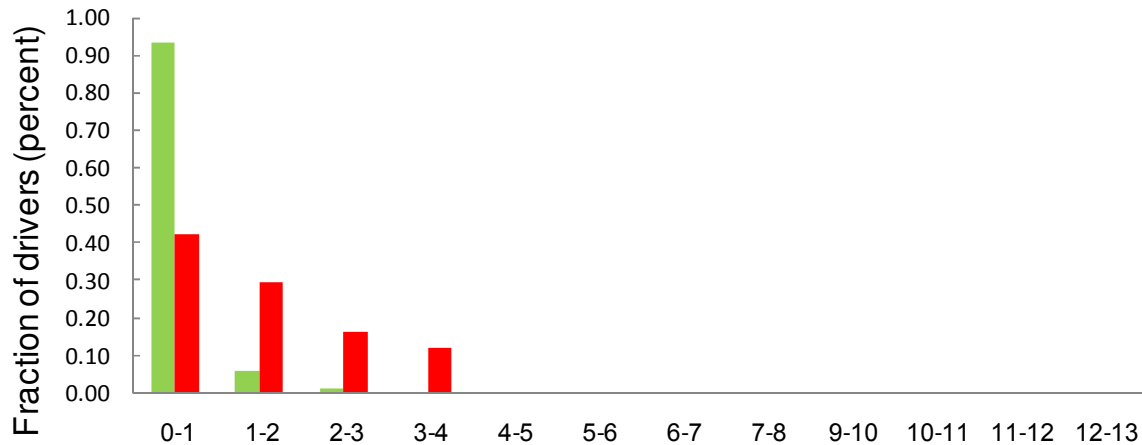
Driving time per week



Driving time per week at day (hours)



■ Accompanied ■ Solo



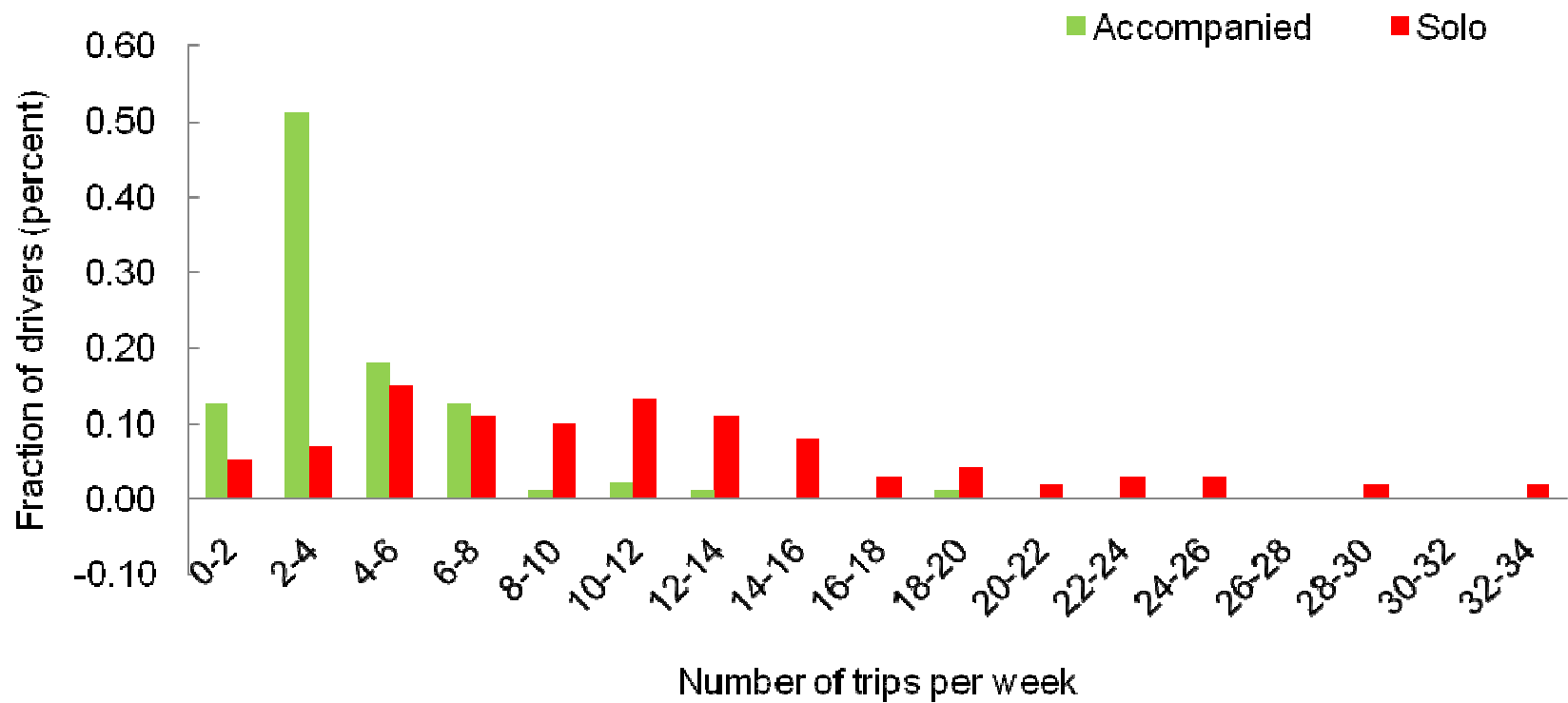
Driving time per week at night (hours)



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How many trips ?

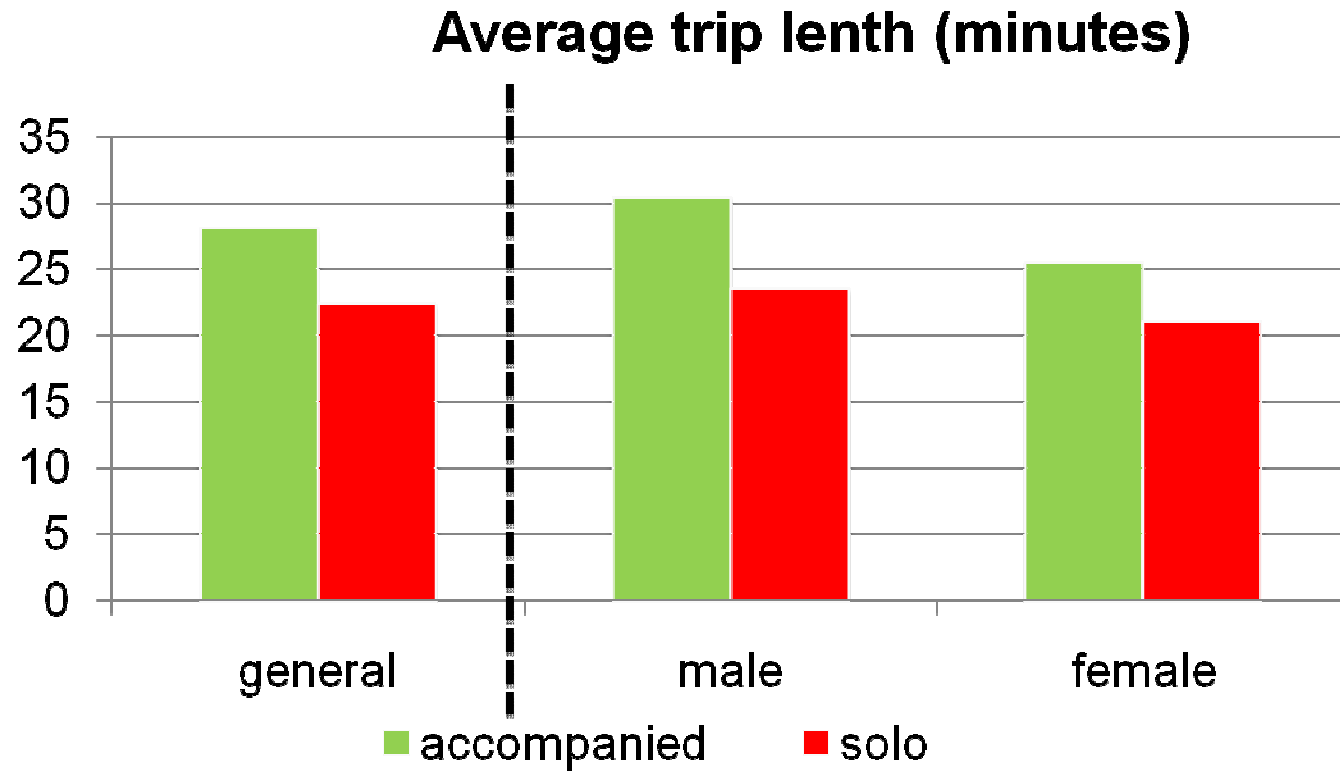
Young drivers



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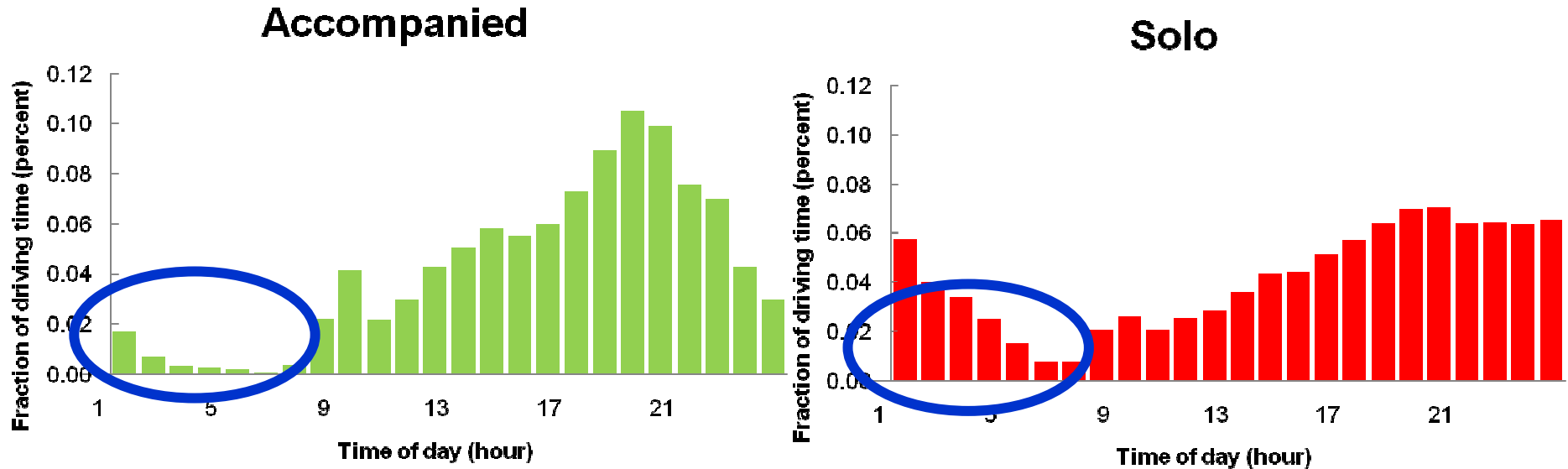
Average trip lenth



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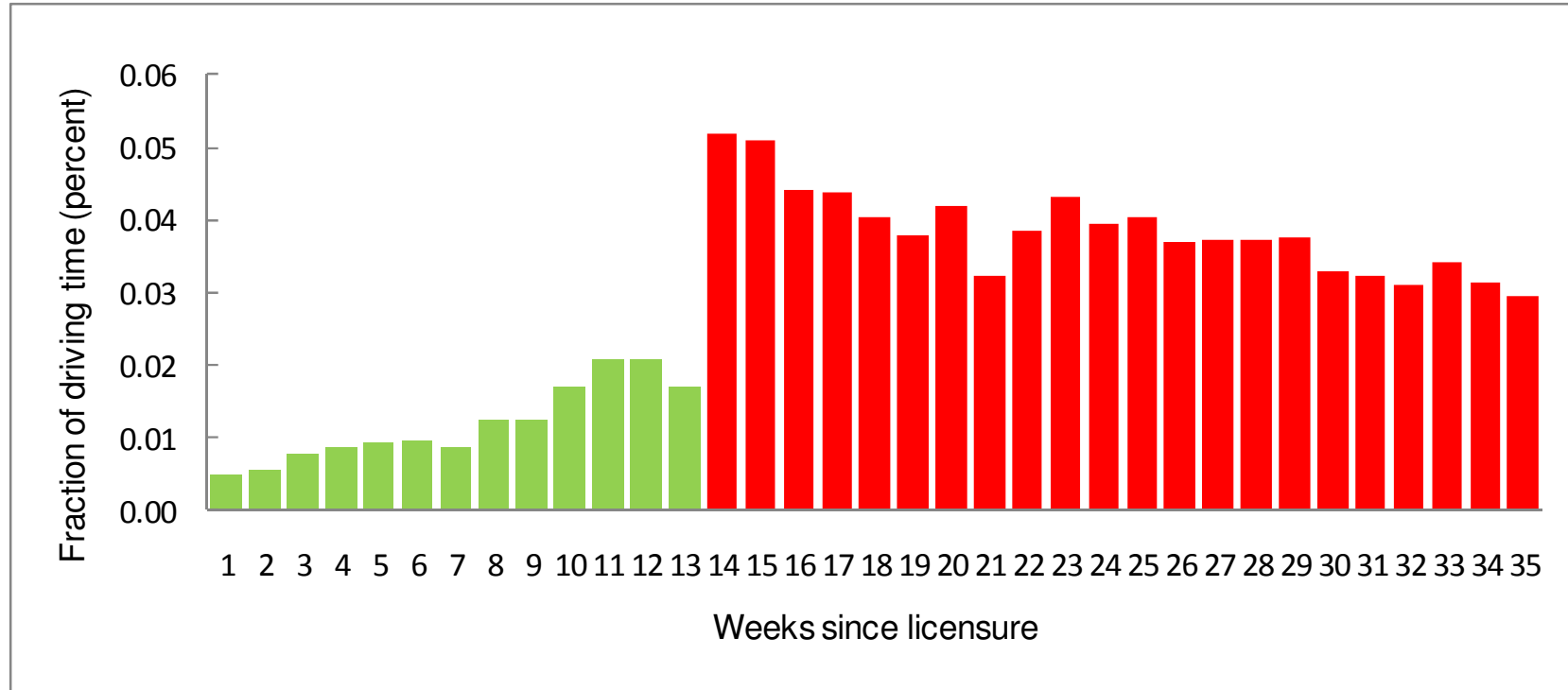
When do they drive ?



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The first 9 months ...



Accompanied driving

Solo driving



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Thank you.

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