Cycling & Walking: GGR424 - Transportation Geography & Planning

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Today:

- ▶ Benefits of active travel
- ► Safety issues and other concerns
- ► "Micro" design improvements
- ► Designing "complete streets"
- ► Networks & connectivity



Active travel - non-motorized mobility

e.g. walking and cycling, but also rollerblading, skateboarding, ice-skating, kick scooters, cross-country skiing, etc.

Can be ...

- for recreation
- ▶ for travelling to a location

Can replace trips by other modes (driving, transit), meaning reduced congestion, pollution, GHG emissions, etc.

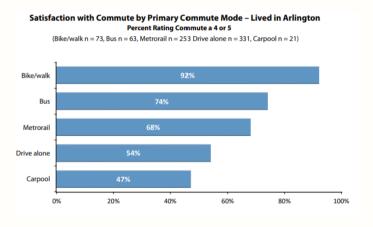


https://pubmed.ncbi.nlm.nih.gov/19261210/

Plenty of research highlights health benefits of active travel, e.g.



Increased "enjoyment" or "satisfaction" of travel



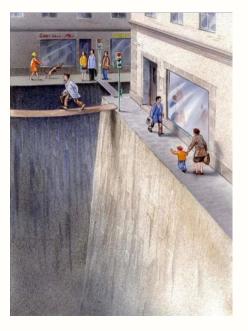
"studies indicate that creating or improving active travel facilities generally has positive or non-significant economic impacts on retail"



What deters active travel?

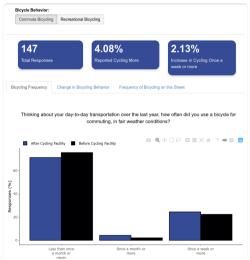
Image by Karl Jilg, commissioned by the Swedish Road Administration in 2014

https://archive.attn.com/stories/17066/ illustration-nails-pedestrian-problem-cities



Induced demand, not just for cars!





Next Week

Public Transit

etc.