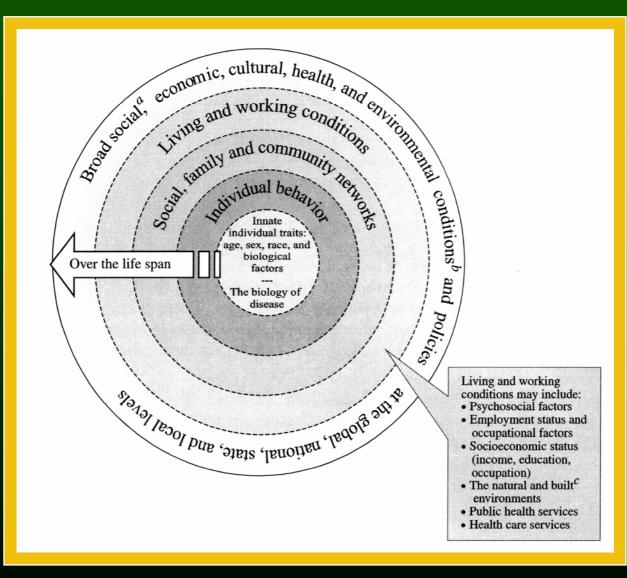
Thomas Abel

Rome, February 2006

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A guide to thinking about the determinants of population health (from "The future of the Public's Health", IOM 2003)



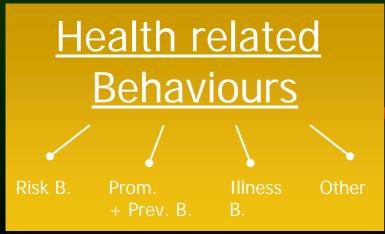
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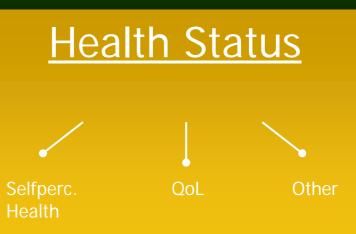
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Social context, behaviours and health

Social Context

Determinants of Health and Health Behaviour





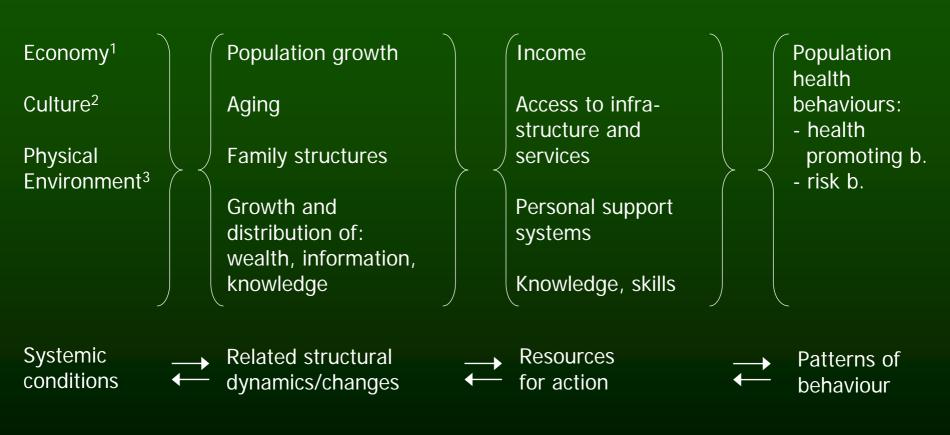
Thomas Abel

Three Reasons to include social context in Health Behaviour Monitoring (HBM):

- 1. the patterning of HB cannot be understood without its social determinants or co-factors
- 2. the effect of HB on health is partly dependent on the social conditions
- 3. HP needs to evaluate its impact on the social conditions that effect HBs

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The social-ecological context of population health behaviours (examples)



prosperity, jobs etc.
value systems, norms, habitus etc.
healthy living and work environment

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Health Lifestyles

Health lifestyles comprise interacting patterns of health related behaviours, orientations and resources adapted by groups of individuals in response to their social, cultural and economic environment Abel et al., 2000

How might sprawl affect health?*

Related to automobile dependency

Related to land use

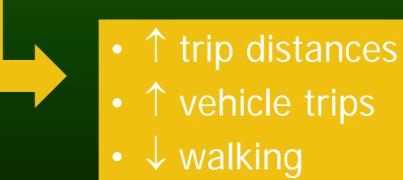
Related to social processes

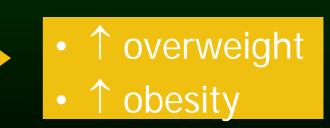
- \uparrow air pollution
- climate change contribution
- 1 car crashes
- ↑ pedestrian injuries
- ↓ physical activity
- water quantity and quality
- ↑ heat island effect
- mental health impact
- ↓ social capital

*attributed to Howie Frumkin IUHPE Presentation Atlanta

Urban sprawl, physical activity, overweight*

- ↓ population density
- ↓ employment density





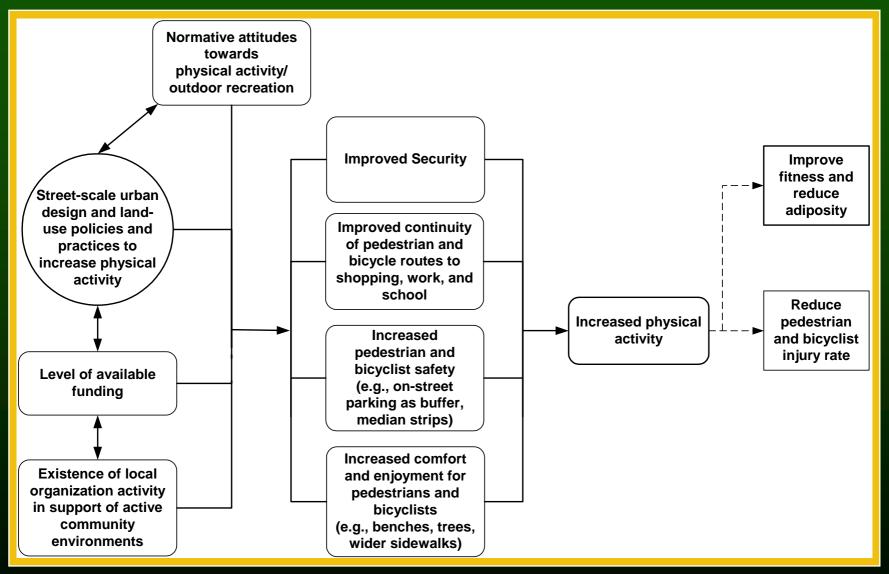
*attributed to Howie Frumkin IUHPE Presentation Atlanta



Want to take a walk?



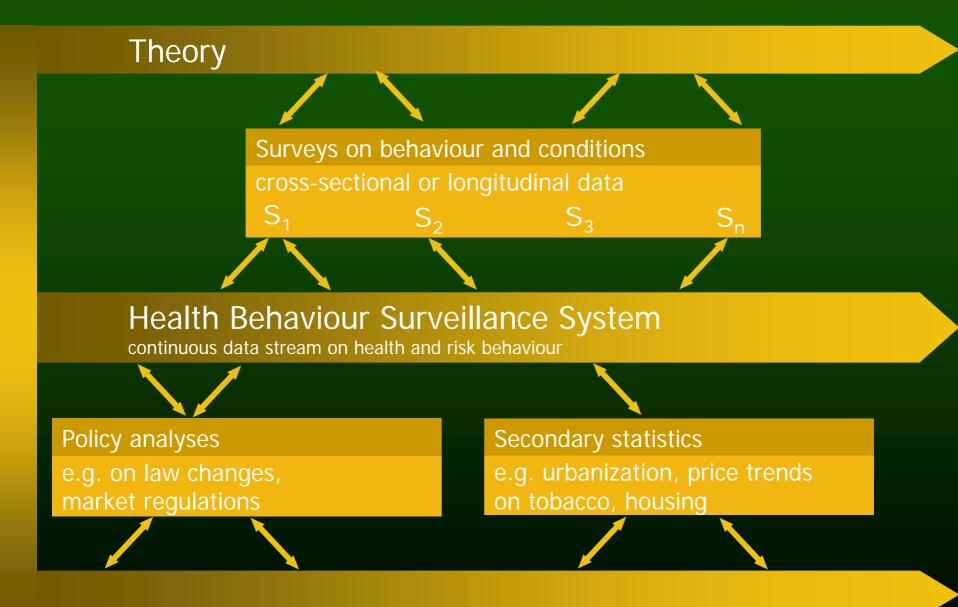
Social context and physical activity



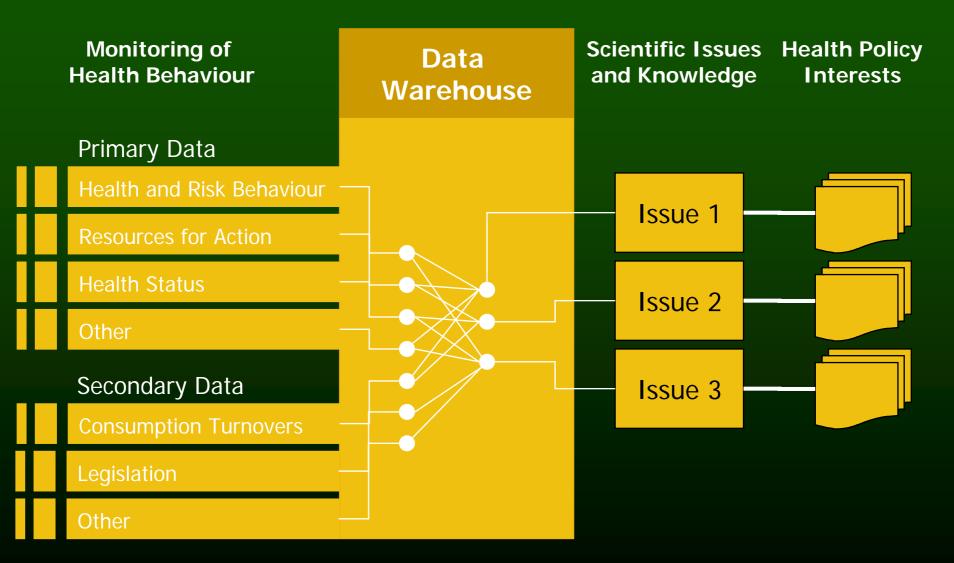
Introduction

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A comprehensive HBM-System



Process of Data Warehousing



Key components of Health Behaviour Monitoring:

- 1. a surveillance system: the core data set
- **2. a consideration of social context:** as an indispensable part of explanation and evaluation
- **3. an analytical strategy:** relating the surveillance data to the social context; addressing central issues e.g. time, complexity, causation/probability
- an overarching theory: addressing the social and cultural structuring of population health behaviour

Social context of health behaviour

- relatively stable patterns of factors outside the individual that affect behaviour
- denotes factors external to the individual but interpreted by the individual
- provides options <u>and</u> limitations for action
- includes man made material and non-material conditions (e.g. sidewalks or behavioural norms)

Intervention characteristics

- Policy measures such as roadway design standards
- Expanding public transportation services
- Subsidizing public transportation
- Providing bicycle lanes and racks
- Increasing the cost of parking