Transportation and Health

An Overview

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Source: Bernt Rostad. Flickr.
Children who live or go to school near heavily trafficked roads have **increased rates of asthma**

Children are 13X more likely to be injured on a street like this.

Development patterns
Almost 1/3 of Americans who commute to work via public transit meet their daily requirements for physical activity by walking as part of their daily life.
Health Impact Assessment

✓ Based on scientific evidence

✓ Health perspective for decision making

✓ Meaningful participation for non-traditional partners (local coalitions, public health advocates)

✓ Health co-benefits for public/private partnerships
HIA framework for TOD

- Public transportation
- Housing
- Economic Development
- Parks and Open Space
- Public Safety
Metric: Active Mobility

Indicator ➔ Health Outcomes ➔ Data Sources

✓ Pedestrian and Bicycle features

✓ Walking and biking (seniors, children)

✓ Walking Survey (Coalition)
Existing Conditions Report (City)
EIR’s of adjacent projects (City)
Metric: Housing Affordability

Indicator ➔ Health Outcomes ➔ Data Sources

✓ Average number of people per household

✓ Overcrowding

✓ Census (Federal)
Existing Conditions Report (City)
Interim HIA Impacts

✓ Build capacity to engage in technical planning process

✓ Preliminary health assessments of proposed concepts

✓ Analysis on preferred plan subject to EIR
Ultimate HIA Impacts

✓ Health part of all planning decisions
✓ Participatory planning process
✓ Transit investment that is data and context driven
Thank you!

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