



Assessing the Health and Health Equity Impacts of Land Use and Transportation Policies in Los Angeles

Advancing Equity Through Housing
and Transportation

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Social Determinants of Health and Health Equity

- Health sector makes a relatively small contribution to population health
- Healthy Equity is foundational to public health and is front and center at LA County DPH
 - Office of Health Equity
 - Community Prevention and Population Health Taskforce
 - Health Impact Evaluation Center (HIEC)




Health Impact Assessment (HIA) at DPH

- Assess the health and health equity impacts of policies outside of the traditional health sector
- Mixed method: Quantitative and Qualitative
- Engage community stakeholders as advisors, sources of qualitative data, and groundtruthers of quantitative data
- Maximum 6-month time frame
- Success measured by use




Examples of our Recent Work

Health Impact Evaluation Center
Better policies for healthy communities




Health and Public Safety Impacts of Sustaining a Women's Jail Diversion Program in Los Angeles County
Rapid Health Impact Assessment

August 2015




Health Impact Evaluation Center
Better policies for healthy communities




Initiative Ordinance JJJ: Affordable and Transit-Oriented Housing Policies for the City of Los Angeles
Health Impact Assessment

October 2016




Health Impact Evaluation Center
Better policies for healthy communities



Measure H: Preventing and Reducing Homelessness in Los Angeles County
Health Impact Assessment

February 2017

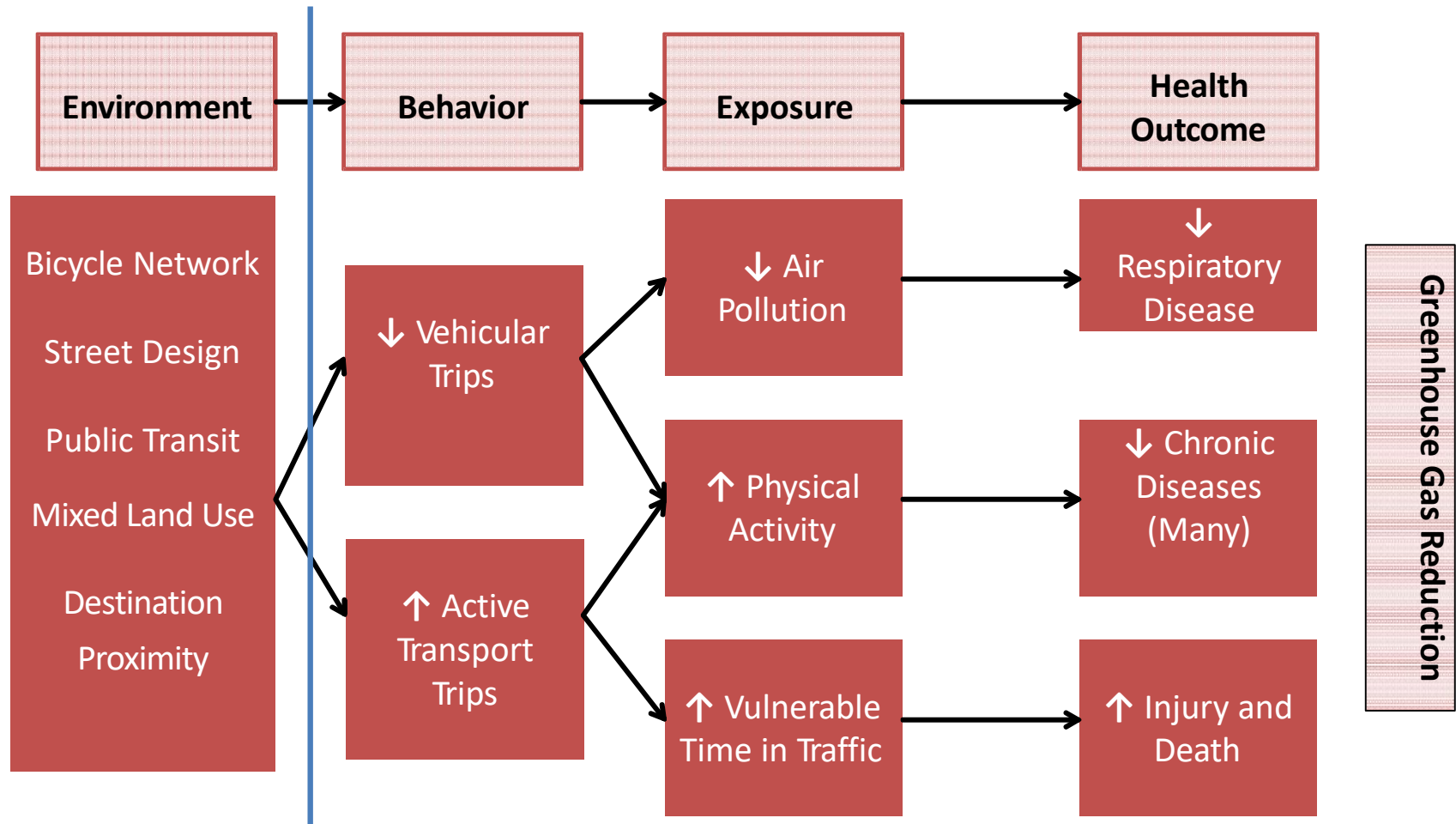




New Tool for HIA in Los Angeles: ITHIM

- Integrated Transportation and Health Impact Model (ITHIM)
- Brought to California by Neil Maizlish at CDPH
- Used for planning and policy work at State level and 6 County Bay Area Region
- Calibrated for LA County and LA City by LA County DPH (Health Impact Evaluation Center)

ITHIM Model Schematic





Application of ITHIM to LA City Mobility Plan 2035

- Transportation element of LA City General Plan—Adopted in 2016
- Bicycle, vehicle, transit and pedestrian network enhancements
- Street design and connectivity enhancements plus much more
- Fehr and Peers conducted an environmental impact assessment of the Mobility Plan
 - Health impacts not considered



Application to LA City Mobility Plan 2035

- Proof of Concept—Not technically an HIA
- DPH will use the outputs of the EIR as inputs for ITHIM in order to estimate health impacts
- Three scenarios compared:
 - Future without Mobility Plan (based on EIR inputs)
 - Future with Mobility Plan (based on EIR inputs)
 - Future with Mobility Plan VMT reduction goals



Potential Future HIA using ITHIM

- Identify a pending policy issue
 - City or County level
 - Decision maker buy-in to HIA process
 - Equity implications
 - Potential to impact health
 - Decision not less than 6-months away
- Determine HIA Scope
 - Community engagement strategy
 - Qualitative data sources
 - Communications strategy



Contact Information

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