

Analytic Framework: Built Environment Approaches Combining Transportation System Interventions with Land Use and Environmental Design

Built Environment Interventions in Combination

(combinations of the following approaches)

- Land use and environmental design
 - Mixed land use
 - Places and facilities for recreation
- Transportation system
 - Street connectivity
 - Pedestrian infrastructure
 - Bicycle infrastructure
 - Public transit access

Key Potential Effect Modifiers

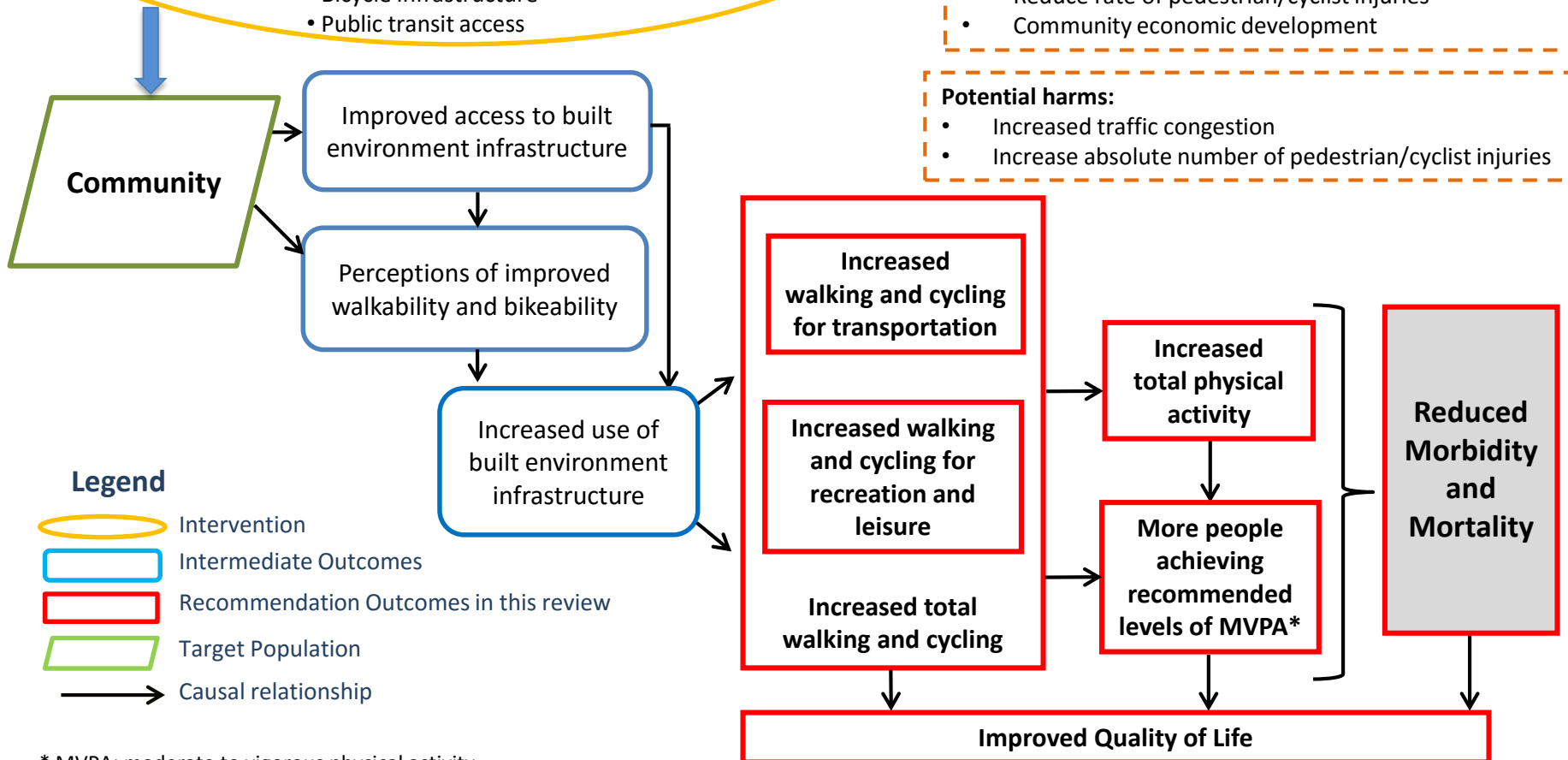
- Types and scale of built environment combinations
- Population characteristics
- Community characteristics

Potential additional benefits:

- Reduce vehicle use/miles traveled
- Reduce air pollution
- Reduce rate of pedestrian/cyclist injuries
- Community economic development

Potential harms:

- Increased traffic congestion
- Increase absolute number of pedestrian/cyclist injuries



Legend

- Intervention
- Intermediate Outcomes
- Recommendation Outcomes in this review
- Target Population
- Causal relationship

* MVPA: moderate to vigorous physical activity