Analytic Framework: Interventions to Increase Active Travel for School

Active Travel Interventions
One or more of the following activities
- Engineering
- Education
- Encouragement
- Enforcement

Interventions may also include
- Evaluation
- Equity

Potential effect modifiers
- Community and school environment
- Distances to school
- Student and family characteristics
- Intervention characteristics
- Weather and climate

School and Community
- Students
- Parents
- Community residents

Increased exposure to active transportation promotion

Increased safety of built environment for walking and cycling

Improved access to walking/cycling infrastructure

Improved perceptions of safety, ease, and benefits of walking and cycling

Potential additional benefits
- Increased walking and cycling among residents
- Reduce vehicle use/miles traveled
- Reduce air pollution

Potential harms
- Increased traffic congestion in school/neighborhood
- Increase absolute number of pedestrian/cyclist injuries

*moderate to vigorous physical activity

Reduced injury rates

Increased walking to/from school

Increased cycling to/from school

Increased total active travel for school

More students achieving recommended levels of MVPA*

Reduced morbidity and mortality

Improved quality of life