Economic Framework: Park, Trail, and Greenway Infrastructure Interventions

Effectiveness

Park, Trail, and Greenway Infrastructure Interventions
Infrastructure (creation of new spaces or enhancements to existing spaces) with or without additional interventions
• Increase Programming, Access, Promotion, Community Engagement

Community

Increased use of the location(s) for physical activity, active transport, relaxation, social interaction

Increased Physical Activity

Improved Mental Health and Wellbeing

Improved Quality of Life

Improved Environmental Outcomes

Reduced Morbidity and Reduced Mortality

Potential Economic Harms
Displacement of current residents

Economic Outcomes

Intervention Cost
• Planning
• Capital Cost*
• Maintenance*

Added Interventions Cost*
Programming, Access, Promotion, Community Engagement

Economic Benefit

Health Related Economic Benefits*
• Reduced healthcare costs due to improved physical health
• Reduced healthcare costs due to improved mental health

Amenity, Environmental, and Economic System Benefits
• Use value of park (e.g., recreation, relaxation)*
• Improved air and water quality*
• Climate adaptation or biodiversity

Cost-effectiveness
Cost per QALY saved or DALY averted

Cost-benefit


QALY, quality-adjusted life year; DALY, disability-adjusted life year
<table>
<thead>
<tr>
<th>Icon</th>
<th>Interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intervention</td>
<td></td>
</tr>
<tr>
<td>Recommendation outcome</td>
<td></td>
</tr>
<tr>
<td>Other intermediate outcome/variable (that are not recommendation outcomes)</td>
<td></td>
</tr>
<tr>
<td>Population</td>
<td></td>
</tr>
<tr>
<td>Key Potential Effect Modifiers (affecting causal relationships)</td>
<td></td>
</tr>
<tr>
<td>Additional Benefits/Potential Harms/Disparities</td>
<td></td>
</tr>
</tbody>
</table>

Unidirectional block arrows are applied between intervention and population icons.

Unidirectional arrows for causal relationships.

Bidirectional arrows show feedback loops.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program costs</td>
<td></td>
</tr>
<tr>
<td>Economic benefit</td>
<td></td>
</tr>
<tr>
<td>Economic outcome for CPSTF finding</td>
<td></td>
</tr>
<tr>
<td>Other economic outcomes</td>
<td></td>
</tr>
</tbody>
</table>