Analytic Framework: School-based Anti-bullying Interventions*

School Anti-bullying Intervention
- Traditional (face-to-face)
- Cyberbullying
- Both

Students (may also include engagement with parents and caregivers)

Adoption and enforcement of evidence-based anti-bullying policies and practices

Improved school environment (e.g., non-violence social norms)

Increased student attitudes discouraging bullying

Improved student interpersonal and emotional skills (e.g., emotional regulation, problem solving skills, relationship skills)

Reduced bullying perpetration

Reduced witnessing of bullying

Reduced bullying victimization

Improved mental health outcomes (e.g., anxiety, depression)

Improved educational outcomes

Reduced morbidity and mortality

Improved educational attainment

Potential Effect Modifiers:
- School level (elementary, middle, or high school), student age/grade
- School/student characteristics (urban/rural; communities with lower incomes; racial/ethnic composition, sexual orientation)
- Intervention focus, duration, intensity

Potential Additional Benefits:
- Reduction in other forms of violence
- Reduction in other risk behaviors

Potential Harms:
- Inequities in application of enforcement policies and practices


## Icons in Community Guide Analytic Frameworks

<table>
<thead>
<tr>
<th>Icon</th>
<th>Interpretation</th>
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<tbody>
<tr>
<td><img src="image" alt="Intervention Icon" /></td>
<td>Intervention</td>
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<tr>
<td><img src="image" alt="Outcomes Icon" /></td>
<td>Outcomes considered for conclusions on effectiveness and recommendations regarding use</td>
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<tr>
<td><img src="image" alt="Other Intermediate Outcomes Icon" /></td>
<td>Other intermediate outcomes/variables (not considered for conclusions on effectiveness and recommendations regarding use)</td>
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<tr>
<td><img src="image" alt="Population Icon" /></td>
<td>Population</td>
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<tr>
<td><img src="image" alt="Key Potential Effect Modifiers Icon" /></td>
<td>Key potential effect modifiers (affecting causal relationships)</td>
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<tr>
<td><img src="image" alt="Additional Benefits/Potential Harms/Disparities Icon" /></td>
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<tr>
<td><img src="image" alt="Unidirectional Block Arrows" /></td>
<td>Unidirectional block arrows are applied between intervention and population icons</td>
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<tr>
<td><img src="image" alt="Unidirectional Arrows" /></td>
<td>Unidirectional arrows for causal relationships</td>
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<tr>
<td><img src="image" alt="Bidirectional Arrows" /></td>
<td>Bidirectional arrows show feedback loops</td>
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