

Resource Needs Model



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Purpose

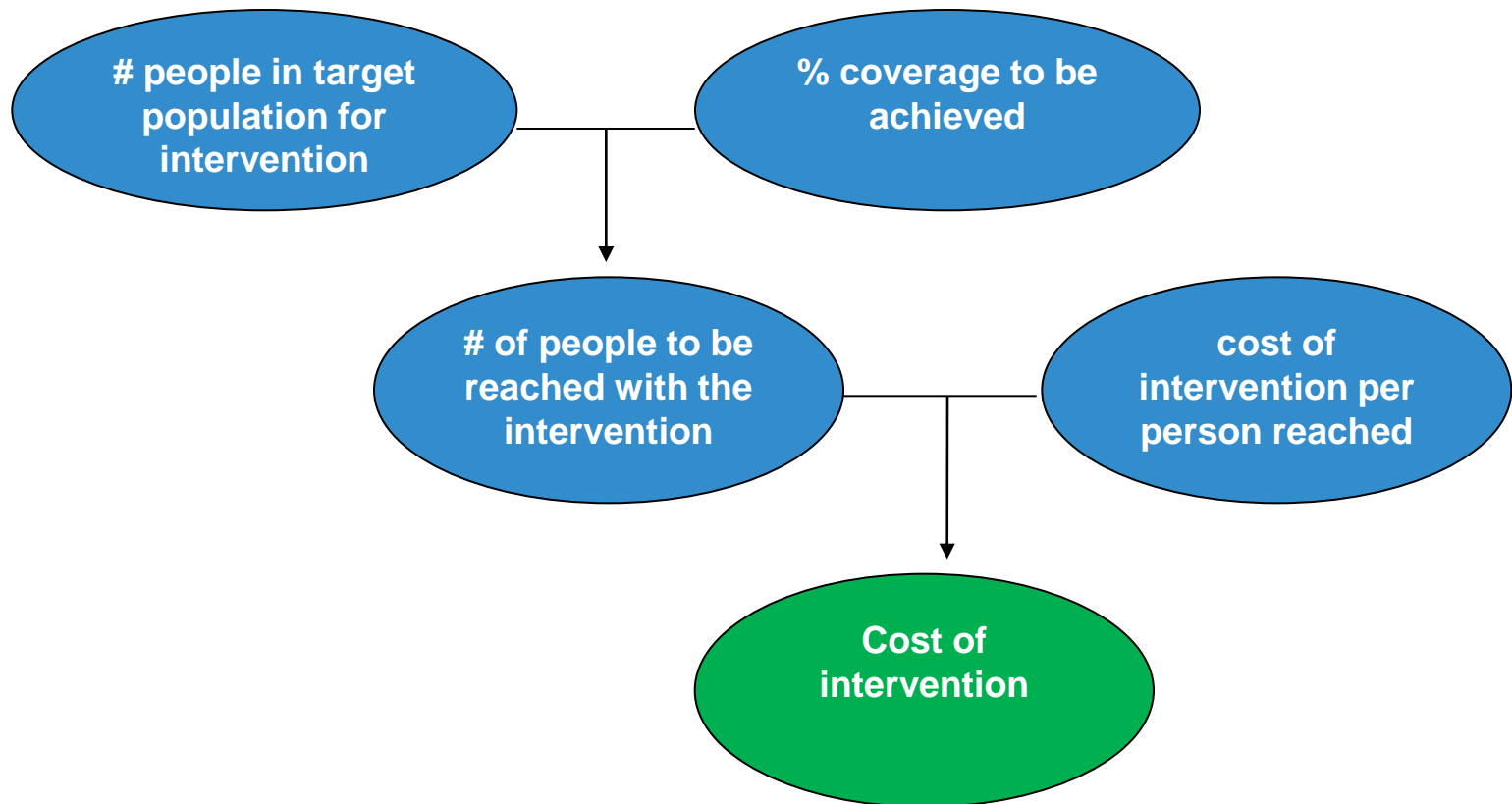
- Estimate costs of a comprehensive national response to HIV & AIDS
- Typically used to cost national strategic plans or national programs
- Time horizon: 5-6 years, although has been used for longer

Key features

- Used by UNAIDS for Global Resource Needs Estimates since 2001
 - Country validation workshops held in 2009-2010 for most recent update
- Flexible excel based model – can be used across a range of contexts and is easily adaptable
- Can be linked with the Goals model to estimate impact of a program
- Built in capacity to estimate scale impacts on unit costs for some services

Data requirements/calculations

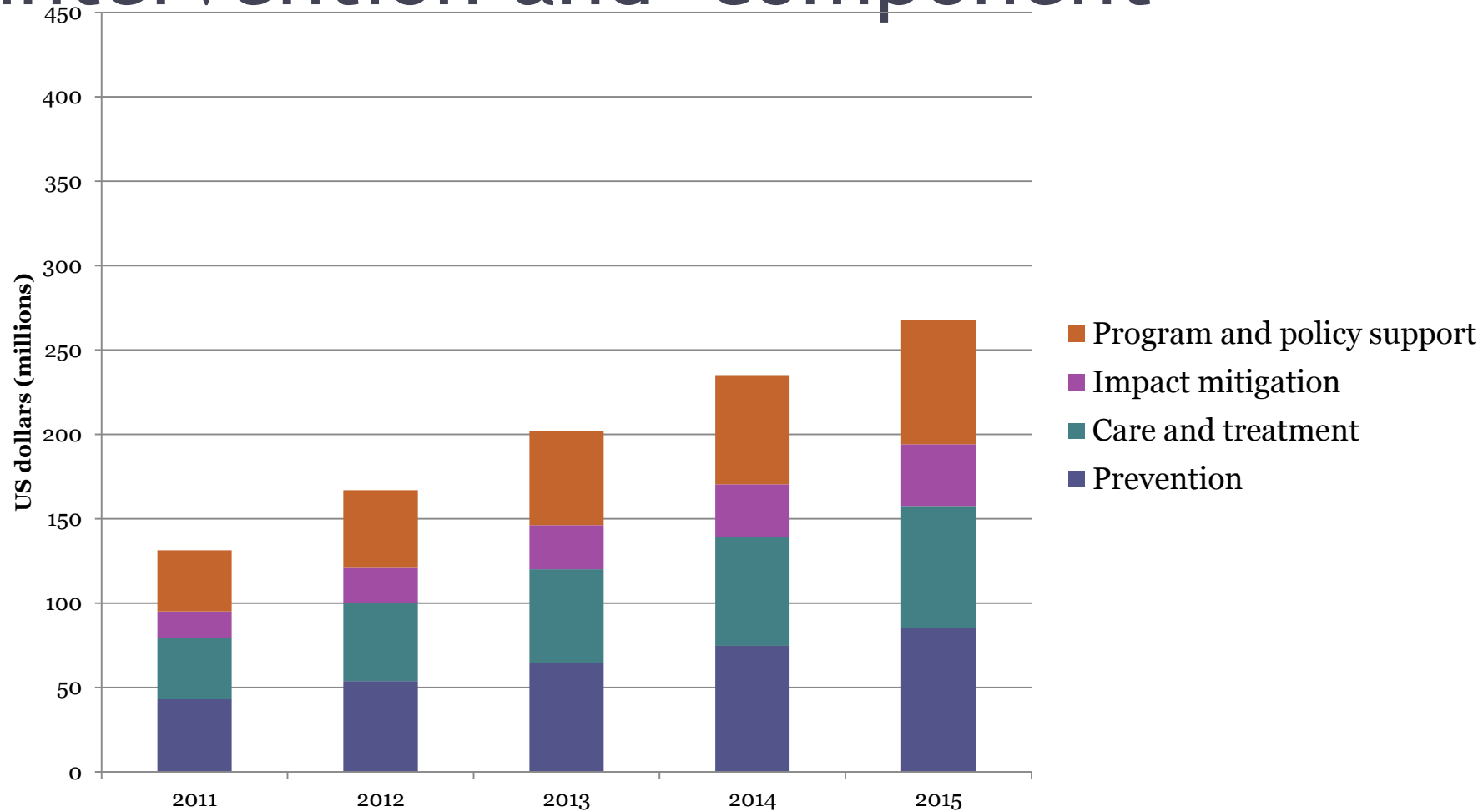
For each intervention:



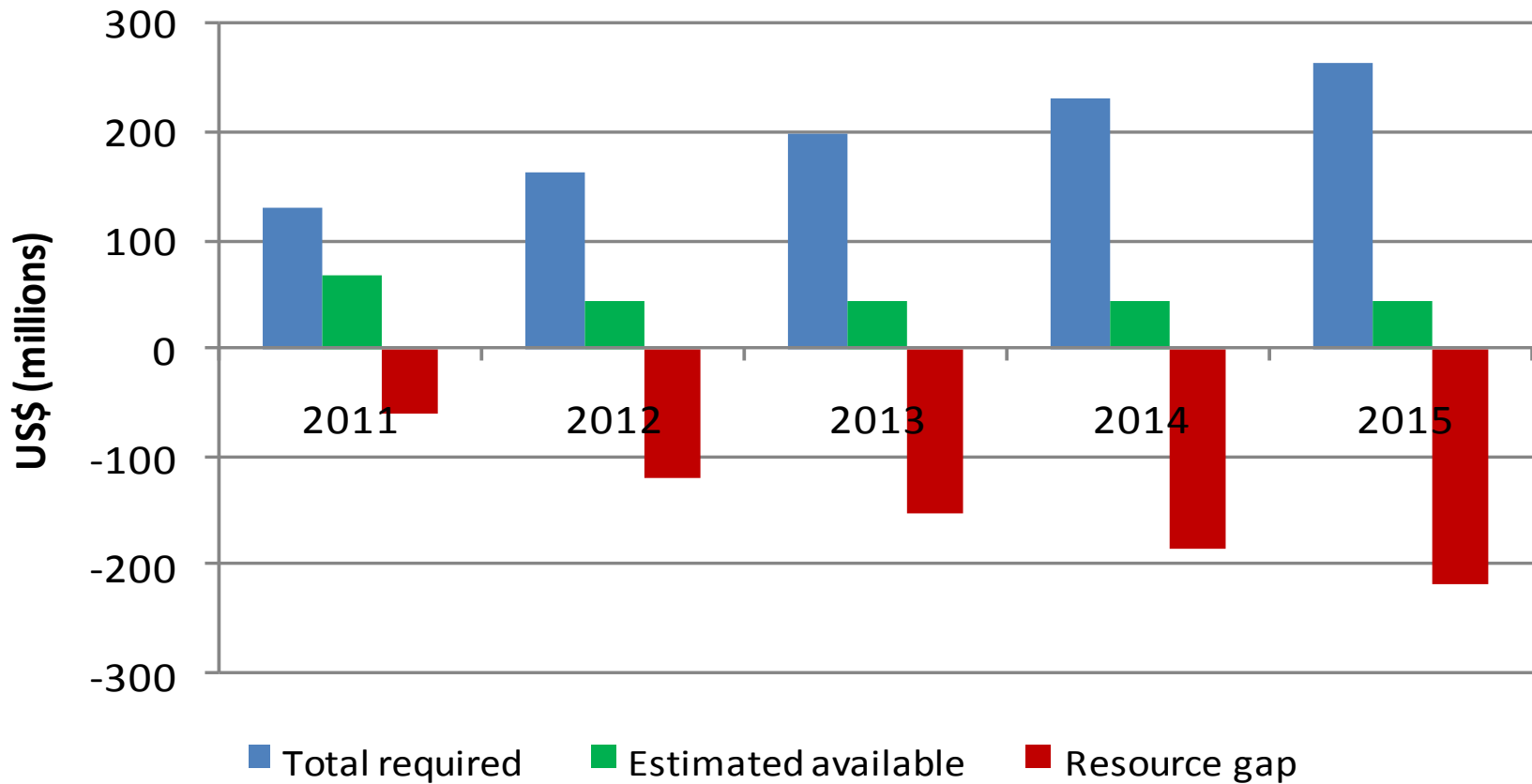
Comprehensive program

- Prevention services
 - Priority populations
 - General population
 - Health care and service delivery
- Care and treatment
- Mitigation
- Policy and program support

Outputs: Resources required by intervention and component



Resource Gap



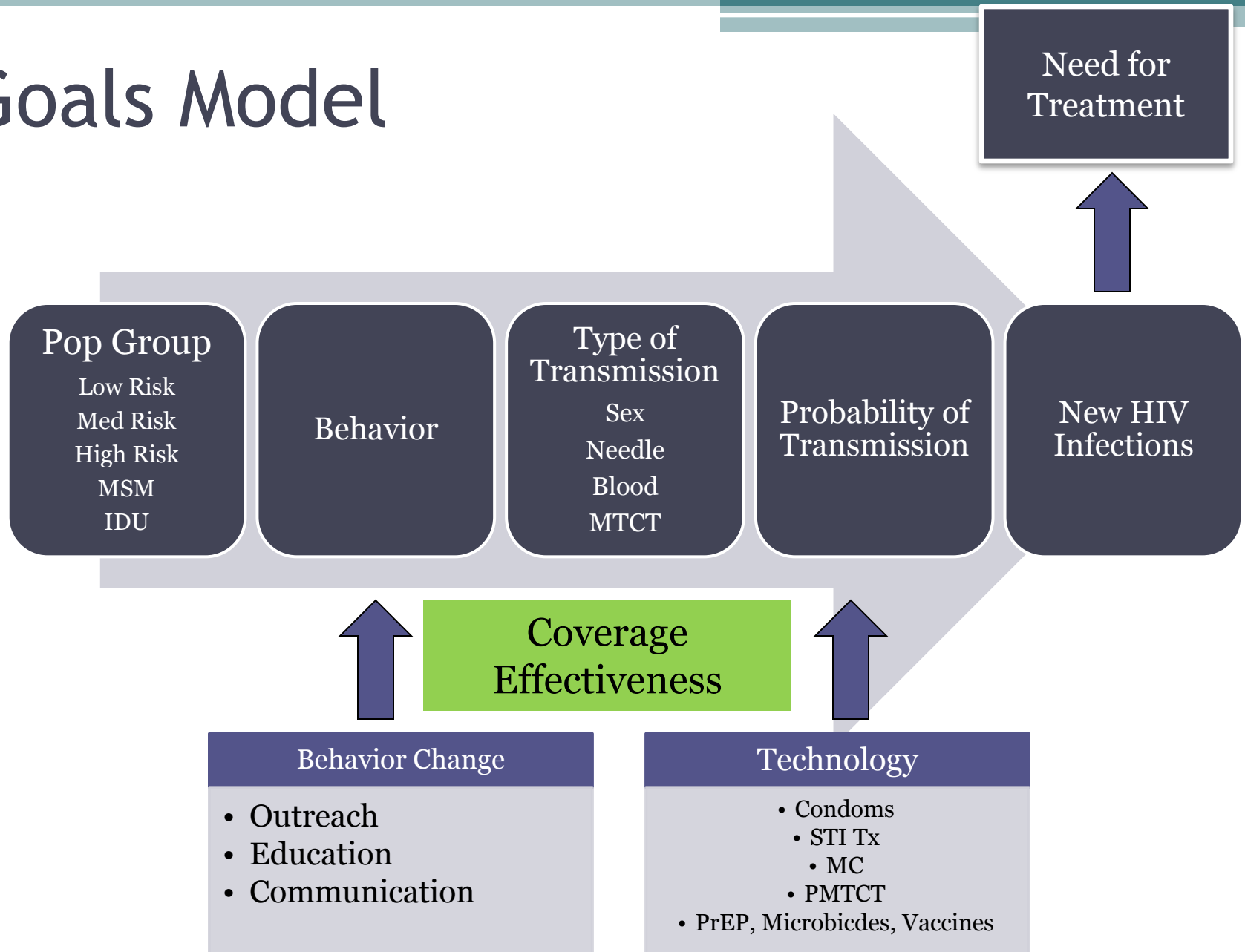
GOALS Model



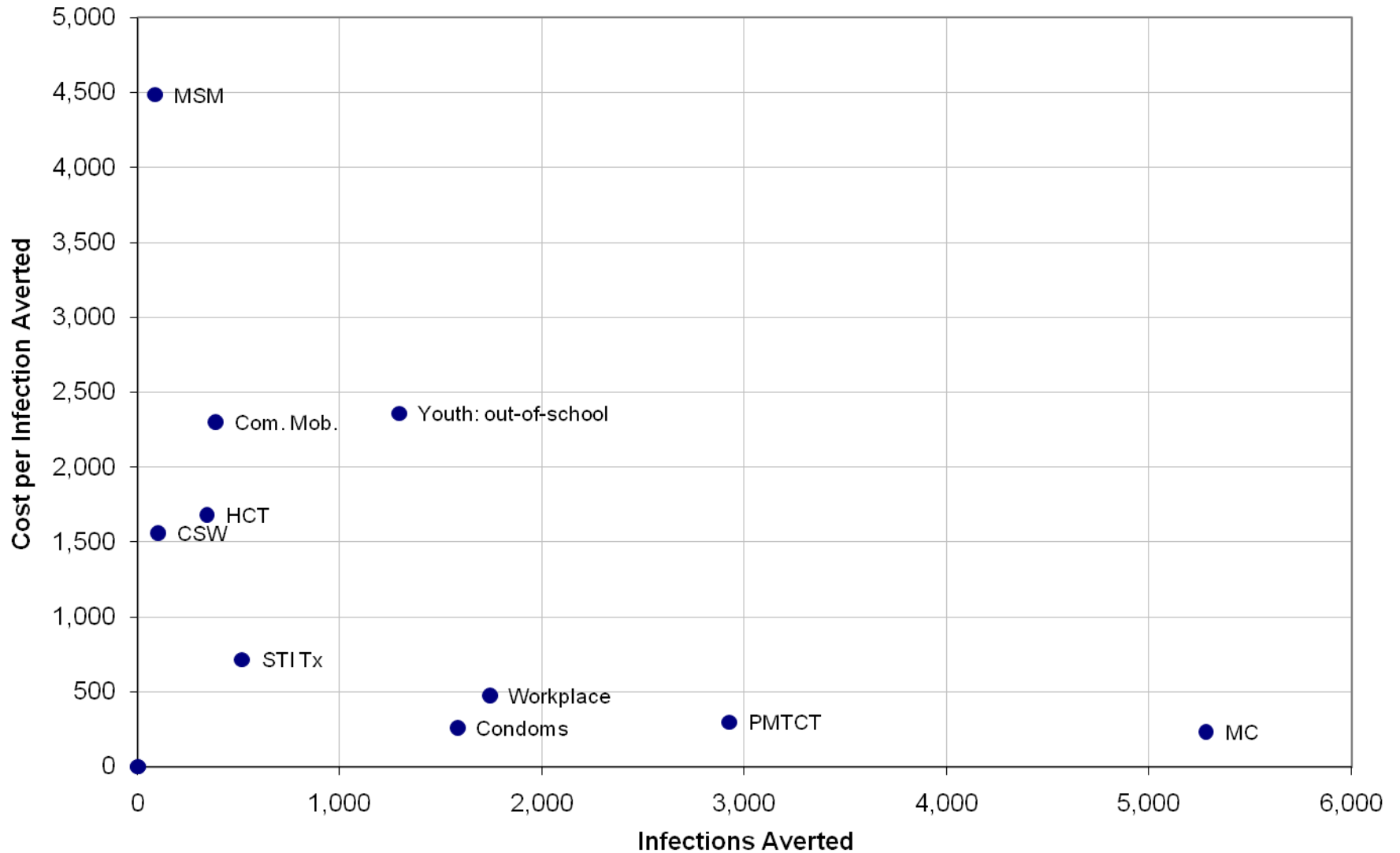
Goals Purpose

- Estimate the cost and impact of a package of interventions on new infections, treatment and mitigation coverage
- Can be used to examine different resource allocation scenarios
- Align activities and targets with national goals

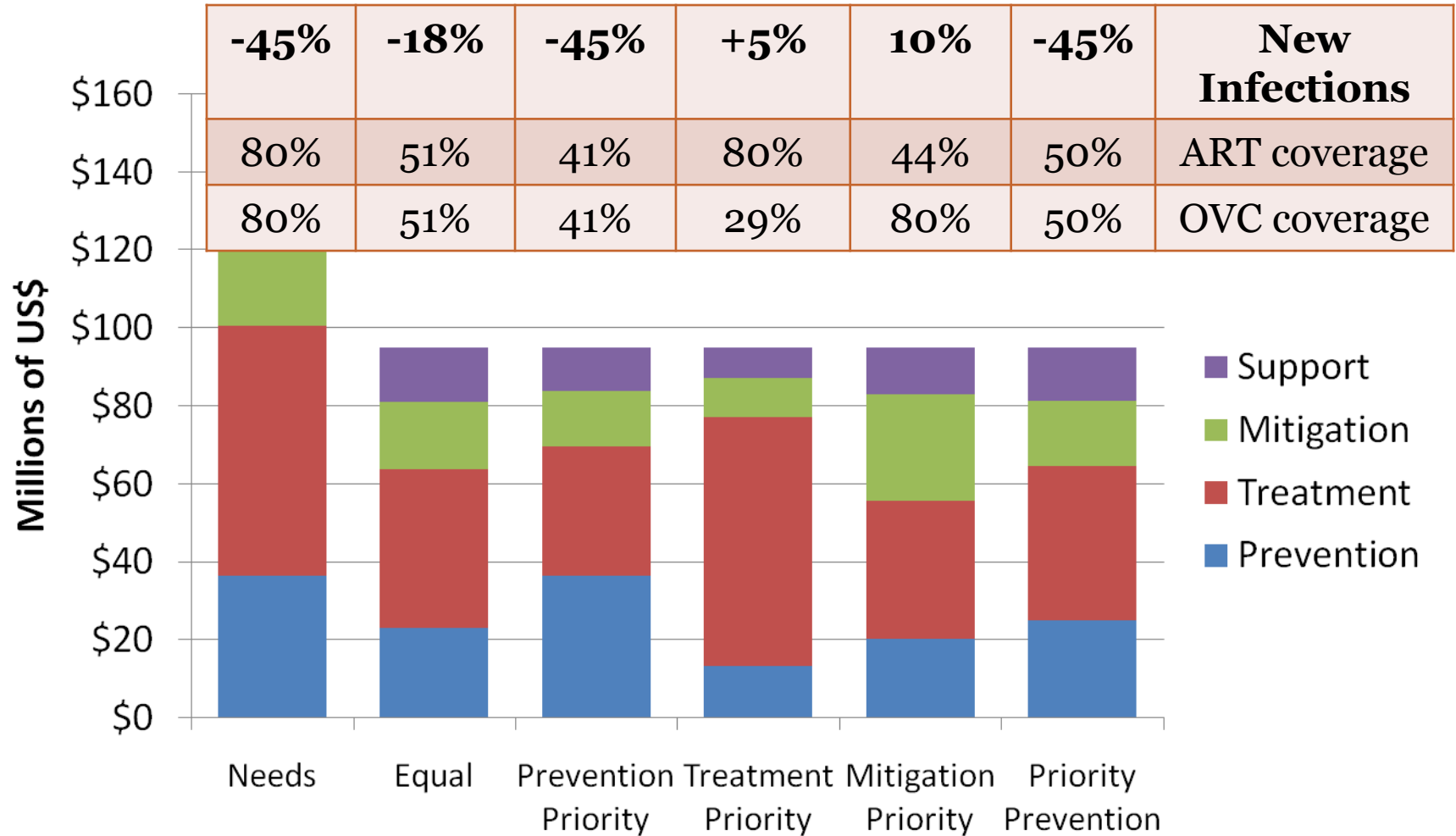
Goals Model



Impact and Cost-Effectiveness by Intervention



GOALS: Scenario Analysis



Thank you for your attention.

Questions or comments?