

Center-TRT Criteria for Reviewing and Categorizing Interventions

Research-tested Interventions

Interventions for which efficacy/effectiveness has been tested in one or more research studies, there is clear advance intent to contribute to generalizable knowledge with a scientific protocol, and the findings have been published in the peer reviewed literature. These interventions are reviewed to assess (a) methods used to test effects on targeted outcomes, (b) potential for public health impact, and (c) readiness for dissemination.

Practice-tested Interventions

Practice-based interventions have been evaluated in practice but have not been tested in a more formal, research study. Findings from studies of interventions developed and evaluated in practice may be published. These interventions are reviewed to assess (a) methods used to develop the intervention and evaluate its effects on targeted outcomes, (b) evidence-base for the main strategies used and underlying theory/logic, (c) potential for public health impact, and (d) readiness for dissemination.

Emerging Interventions

Practice-based interventions that show promise, based on their underlying theory and logic, but lack data from an evaluation demonstrating effects on one or more obesity-related outcomes. These interventions are reviewed to assess (a) methods used to develop the intervention, (b) evidence-base for the main strategies used and underlying theory/logic, (c) potential for public health impact, and (d) readiness for dissemination.

Review Criteria

METHODS USED TO TEST:

- The methodology used to test the intervention is of high quality based on:
 - Description of intervention
 - Sampling methodology
 - Measurement
 - Data analysis
 - Interpretation of results

POTENTIAL PUBLIC HEALTH IMPACT:

Effectiveness:

- Positive outcomes outweighed adverse outcomes
- Intervention positively affects obesity-related physiological, behavioral, or environmental outcomes.
- Effectiveness especially in underserved groups or those disproportionately affected by obesity

Review Criteria

METHODS USED TO DEVELOP AND EVALUATE:

- The methodology to develop AND evaluate the intervention is of reasonable quality:
 - There is evidence of formative work done to develop the intervention
 - Process evaluation is documented
 - The methods for conducting the evaluation and measuring and collecting data were sufficient and systematic

POTENTIAL PUBLIC HEALTH IMPACT:

Effectiveness:

- Positive outcomes outweighed adverse outcomes
- Intervention positively affects obesity-related physiological, behavioral, or environmental outcomes Effectiveness especially in underserved groups or those disproportionately affected by obesity
- The intervention employs an evidence supported intervention strategy
- The theory/conceptual underpinnings are clear
 - The project findings are consistent with well-articulated theory, clearly stated hypotheses, or a logical conceptual framework
 - The theory, theoretical underpinnings, or hypotheses link to intervention activities and expected outcomes

Review Criteria

METHODS USED TO DEVELOP:

- The methodology to develop the intervention is of reasonable quality:
 - There is evidence of formative work done to develop the intervention
 - Process evaluation is documented

POTENTIAL PUBLIC HEALTH IMPACT:

Effectiveness:

- Based on underlying theory and logic, it is plausible that the intervention would positively affect obesity-related physiological, behavioral, or environmental outcomes
- Effectiveness is plausible especially in underserved groups or those disproportionately affected by obesity
- The intervention employs an evidence supported intervention strategy
- The theory/conceptual underpinnings are clear
 - The project findings are consistent with well-articulated theory, clearly stated hypotheses, or a logical conceptual framework
 - The theory, theoretical underpinnings, or hypotheses link to intervention activities and expected outcomes

Reach: The number, proportion and representativeness of the intended population reached and retained by the intervention was acceptable

- Intervention has potential to reach an acceptable number and proportion of individuals
- The individuals reached by the intervention are representative of the intended population and/or are those at greatest risk

Adoption: Intervention has been replicated in multiple locations.

Implementation: The resources required to implement the program (personnel and overall costs) are commensurate with the resources of public health departments/agencies. (Note extent to which the program was made possible through enhanced funding as opposed to programs that are implemented within existing resources.)

Intervention has been replicated in multiple locations and implemented as planned.

Maintenance: Intervention has been sustained over time in one or more locations.

READINESS FOR DISSEMINATION:

- Intervention described sufficiently to allow replication
- Intervention materials available and of useable quality (as needed)
- Ideally, a knowledgeable contact person is available

Reach: The number, proportion and representativeness of the intended population reached and retained by the intervention was acceptable

- Intervention has potential to reach an acceptable number and proportion of individuals
- The individuals reached by the intervention are representative of the intended population and/or are those at greatest risk

Adoption: Intervention has been replicated in multiple locations.

Implementation: The resources required to implement the program (personnel and overall costs) are commensurate with the resources of public health departments/agencies. (Note extent to which the program was made possible through enhanced funding as opposed to programs that are implemented within existing resources.)

Intervention has been replicated in multiple locations and implemented as planned.

Maintenance: Intervention has been sustained over time in one or more locations.

READINESS FOR DISSEMINATION:

- Intervention described sufficiently to allow replication
- Intervention materials available and of useable quality (as needed)
- Ideally, a knowledgeable contact person is available

Reach: The number, proportion and representativeness of the intended population reached and retained by the intervention was acceptable

- Intervention has potential to reach an acceptable number and proportion of individuals
- The individuals reached by the intervention are representative of the intended population and/or are those at greatest risk

Adoption: Intervention has been replicated in multiple locations.

Implementation: The resources required to implement the program (personnel and overall costs) are commensurate with the resources of public health departments/agencies. (Note extent to which the program was made possible through enhanced funding as opposed to programs that are implemented within existing resources.)

Intervention has been replicated in multiple locations and implemented as planned.

Maintenance: Intervention has been sustained over time in one or more locations.

READINESS FOR DISSEMINATION:

- Intervention described sufficiently to allow replication
- Intervention materials available and of useable quality (as needed)
- Ideally, a knowledgeable contact person is available