

Challenges to Evidence-Based Public Health Practice

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Evidence-based Public Health:

The development, implementation, and evaluation of effective programs and policies in public health through application of principles of scientific reasoning, including systematic uses of data and information systems and appropriate use of behavioral science theory and program planning models.

Key Differences between Evidence-Based Medicine and Evidence-Based Public Health

<u>Characteristic</u>	<u>Evidence-Based Medicine</u>	<u>Evidence-Based Public Health</u>
Quality of evidence	Experimental studies	Observational and quasi-experimental studies
Volume of evidence	Larger	Smaller
Time from intervention to outcome	Shorter	Longer
Professional training	More formal, with certification and /or licensing	Less formal, no standard certification
Decision making	Individual	Team

GUIDE TO

COMMUNITY

Preventive Services ←



SYSTEMATIC REVIEWS AND EVIDENCE-BASED RECOMMENDATIONS

A Tool for Evidence-Based Public Health

www.thecommunityguide.org

Task Force on
Community Preventive
Services



THE GUIDE TO

Community PREVENTIVE Services

What Works to Promote Health?



Edited by

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What is the Community Guide?

- **Systematic reviews**
- **Evidence-based recommendations**
- **Gaps in evidence/Areas for further study**
- **Catalyst for public health collaboration**
- **Credible resource for effective population-based approaches across health topics**

Recommendations Summary

- **216 recommendations**
- **107 recommended**
 - **71 strong**
 - **36 sufficient**
- **1 not recommended**
- **108 insufficient evidence**

Challenges to Evidence-Based Public Health Practice

- **Public Health Policies**

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