



Identifying Evidence-Based Resources for Maternal and Child Health

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<http://library.umassmed.edu/ebpph>

INTRODUCTION

- Public health practitioners need high quality evidence-based information to make informed decisions
- Many resources are available to practice evidence-based medicine (EBM)
- Fewer resources are available to practice evidence-based public health (EBPH)

METHODS

- Examined public health sources to identify the knowledge domains and subdomains of public health
- Compiled a list of public health journals
- Matched public health journals to identified public health knowledge domains and subdomains
- Systematically identified existing public health and clinical medical models for summarizing, synthesizing, and disseminating evidence-based knowledge in the public health and medical fields

Defining the Field of Public Health

We examined public health sources:

- Public health accreditation criteria
- Public health associations
- Government health agencies
- National health objectives
- Public health literature
- Public health subject headings from the National Library of Medicine

Identified Public Health Knowledge Domains

- Maternal & Child Health
- Epidemiology
- Biostatistics
- Vital Statistics & Surveillance
- Environmental Health
- Occupational Health
- Health Services Administration
- Social & Behavioral Sciences
- Health Promotion & Education
- Community Health
- Nutrition
- Public Health Nursing
- Disaster Control & Emergency Services
- Communicable Diseases
- HIV/AIDS
- Chronic & Noncommunicable Diseases & Conditions
- Public Health Laboratory Sciences
- Public Health Informatics
- Global Health

Maternal and Child Health Journals



Maternal and Child Health Databases

- Maternal and Child Health Library
<http://www.mchlibrary.info>
- HRSA, Health Resources and Services Administration, Information Center
<http://www.ask.hrsa.gov>
- National Center for Health Statistics
<http://www.cdc.gov/nchs>
- ADOLEC, Literature on Adolescence Health
<http://www.bireme.br/bvs/l/ibid.htm>
- POPLINE, Reproductive Health Literature
<http://db.jhuccp.org/popinform/basic.html>
- MEDLINE
<http://www.ncbi.nlm.nih.gov/PubMed>

Models of Information Summary, Synthesis & Dissemination: Sources and Organization of Evidence-Based Knowledge

Model Type	Public Health Resources
1. Reports of Original Research	
2. Summaries, Critiques and Commentaries	
3. Systematic Reviews, Meta-Analysis, and Evidence-Based Guidelines	
4. Comprehensive Knowledge Base	

DISCUSSION

- These information resources can be used by maternal and child health professionals at federal, state, and local levels.
- Our current efforts involve determining the information needs of public health practitioners and exploring the feasibility and usability of several models for providing evidence-based information.
- Identified public health journals, bibliographic databases, and evidence-based resources can be found on the project's website:
<http://library.umassmed.edu/ebpph>.



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