

# HSR

## Information: NLM and Beyond

---



# HSR Information: NLM and Beyond

---

**National Information Center on Health Services Research  
and Health Care Technology (NICHSR)**  
**[www.nlm.nih.gov/nichsr](http://www.nlm.nih.gov/nichsr)**



# What's new with...

---

- HSR & PH portal
- PubMed Central
- Non-NLM resources for HSR



- ▶ Health Information
- ▶ Library Catalog & Services
- ▶ History of Medicine
- ▶ Online Exhibitions & Digital Projects

- ▶ Human Genome Resources
- ▶ Biomedical Research & Informatics
- ▶ Environmental Health & Toxicology
- ▶ Health Services Research & Public Health

- ▶ About the National Library of Medicine
- ▶ Grants & Funding
- ▶ Training & Outreach
- ▶ Network of Medical Libraries

**On Exhibit at NLM**



**Changing the Face of  
 Medicine**

Celebrating the lives and achievements of America's women physicians.

**www.nlm.nih.gov**

[Contact NLM](#) | [Site Map](#) | [FAQs](#)

**Especially for:**

- The Public
- Health Care Professionals
- Researchers
- Librarians
- Publishers



**Current Health News**

[Calcium, Vitamin D May Help Prevent PMS](#)  
 (06/14/05)

[Treating Sleep Apnea Reduces Heart Disease Deaths](#)  
 (06/14/05)

[Diabetic Retinopathy Occurs in Pre-Diabetes](#)  
 (06/14/05)

[More Health News](#)

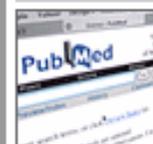
**NLM News and Press Releases**

[\\$3.68 Million Grant to Boost Public Health "Informatics"](#)  
 (press announcement)

**Search NLM Web Site**

**List of NLM ▶▶  
 Databases and Resources**



**PubMed®**

Biomedical journal literature from MEDLINE/PubMed

[VISIT SITE](#)



**MedlinePlus®**

Health and drug information for patients, family and friends

[VISIT SITE](#)

[ESPAÑOL](#)



**Household Products Database**

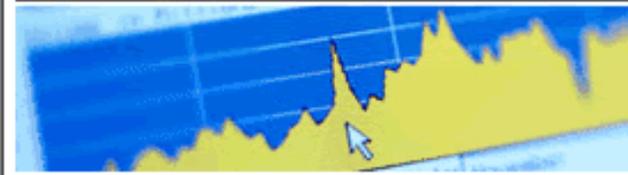
Health and safety information on household products

[VISIT SITE](#)



## Health Services Research & Public Health Information Programs

Integrating Resources for Research and Practice



**Health Services Research**  
 Studying access, costs and quality

**Public Health**  
 Promoting health for the population

### Collaborative Projects

[Health Services Research Information](#)  
 A health services research portal

[Partners in Information Access for the Public Health Workforce](#)  
 A public health portal

### Databases

[Health Services Research Projects in Progress \(HSRProj\)](#)

[American Indian Health](#)

[Health Services/Sciences Research Resources \(HSRR\)](#)

[Arctic Health](#)

[Health Services/Technology Assessment \(Full\) Texts \(HSTAT\)](#)

[Asian American Health](#)

[MIMCOM - Malaria Research Resources](#)

[Toxicology and Environmental Health](#)

### Subject Access Projects

[HSR Queries](#)  
 Preformulated PubMed search filters

[HP2010 Information Access Project](#)  
 Preformulated PubMed search strategies and links to other resources related to Healthy People 2010

### Additional Information From

- ▶ [National Information Center on Health Services Research and Health Care Technology \(NICHSR\)](#)  
 The NLM coordinating unit for HSR
- ▶ [Specialized Information Services](#)  
 The NLM coordinating unit for Environmental Health and Toxicology
- ▶ [History of Medicine](#)
- ▶ [National Network of Libraries of Medicine](#)

### Related Products

- ▶ [NCBI Bookshelf](#)
- ▶ [MEDLINE/PubMed](#)
- ▶ [NLM Gateway](#)
- ▶ [MedlinePlus®](#)

## Outreach and Training

[Finding and Using Health Statistics](#)

[Health Economics: Information Resources](#)

[Health Outcomes, Health Economics and Health Policy Collection Development Lists](#)

[HTA 101 - Health Technology Assessment 101 \(PDF, 2.4MB\)](#)

[History of HSR Initiative](#)

[NICHSR Introduction to HSR](#)

[Technology Assessment 101](#)

[Outreach & Special Populations](#)

[Practical Resources for Public Health Data Organizations \(PDF, 3MB\)](#)

[Public Health Outreach Evaluation Task Force](#)

[Toxicology Tutor](#)

## Related Pages

- ▶ [Especially for Health Care Professionals](#)
- ▶ [Especially for Researchers](#)

## Publications

[Confidentiality of Electronic Health Data, CBM 95-10](#)

[E-text on Health Technology Assessment \(HTA\) Information Resources](#)

[For the Record: Protecting Electronic Health Information](#)

[Distance Education in Public Health, CBM 2003-3](#)

[Health Literacy, CBM 2000-1](#)

[Health Risk Communication, CBM 2000-7](#)

[Public Health Informatics, CBM 2001-2](#)

[Reports of the Surgeon General, 1964-2000](#)

[Understanding Health Literacy and Its Barriers, CBM 2004-1](#)

## Informatics

[Unified Medical Language System](#)

[Commission on Systemic Interoperability \(CSI\)](#)



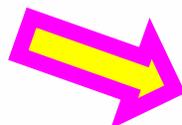
Search:

**Our Mission**

Helping the public health workforce find and use information effectively to improve and protect the public's health

**Main Topics:**

- ▶ [Health Promotion and Health Education](#)
- ▶ [Literature and Guidelines](#)
- ▶ [Health Data Tools and Statistics](#)
- ▶ [Grants and Funding](#)
- ▶ [Education and Training](#)
- ▶ [Legislation](#)
- ▶ [Conferences and Meetings](#)
- ▶ [Finding People](#)
- ▶ [Discussion and E-mail Lists](#)
- ▶ [Jobs and Careers](#)



**What's New on PHPartners.org?**

Subscribe to the weekly announcement-only list of new resources

**Public Health Information and Data:**

**Tutorial**

**Training Manual**

**Research**

is just a click away...



**Resource Guide**  
for Public Health Preparedness

**Latest News**

[Blacks Hardest Hit by HIV in U.S.](#)

[FDA Approves a New Combination Vaccine to Help Protect Both Adolescents and Adults Against Whooping Cough](#)

[ASTHO Commends House for Restoring \\$100 Million in Public Health Block Grant Funds](#)

▶▶▶ [more news](#)



**NACCHO's 2005 LPHA Profile**

[About This Tutorial](#)[How to Use This Tutorial](#)[Acknowledgements and Credits](#)[Your Suggestions](#)

*Public Health Information and Data Tutorial* provides instruction for members of the public health workforce on issues related to information access and management. This tutorial is based on [Public Health Information and Data: A Training Manual](#). There are no copyright restrictions on the contents of this tutorial or the training manual, and users are free to adapt or duplicate any portion.

The contributors and authors of this tutorial's content represent city, county, state and federal agencies. They establish clear connections to recognized competencies in public health and provide examples representing much of the diversity inherent in the practice of public health.

***Learning objectives:***

- Stay informed of developments and events related to public health;
- Find reliable and authoritative consumer-oriented materials to support health education;
- Retrieve statistical information and access data sets relevant to public health; and
- Retrieve and evaluate information in support of evidence-based practice.



**phpartners.  
org/tutorial**

Learning Objectives  
and Supported  
Competencies

[Overview](#)

## *Learning Objectives*

- Define evidence-based public health and distinguish it from evidence-based medicine;
- Become familiar with key concepts in evidence-based public health;
- Apply key concepts to searching and evaluating the public health literature;
- Learn strategies for effective retrieval of evidence-based public health resources;
- Identify Web-based resources that support best evidence research and practice.

## *Supported Competencies*

The strategies and resources in this module will enhance public health workers' competencies in:

### **Analytic assessment skills:**

Identifies relevant and appropriate data and information sources.


Sponsored by:



**Partners**

In Information Access for  
the Public Health Workforce

## HP2010 Information Access Project

---

[Search by Focus Area](#) | [About this Project](#) | [Tips on Searching](#) | [Give Us Feedback](#) | [Contributors](#)



### Search by Focus Area

This site lets you search for published literature related to the Healthy People 2010 focus areas.

- ◆ [Access to Quality Health Services](#)
- ◆ [Arthritis, Osteoporosis, and Chronic Back Conditions](#)
- ◆ [Cancer](#)
- ◆ [Chronic Kidney Disease](#)
- ◆ [Diabetes](#)
- ◆ [Disability and Secondary Conditions](#)
- ◆ [Educational and Community-Based Programs](#)
- ◆ [Environmental Health](#)
- ◆ [Family Planning](#)
- ◆ [Food Safety](#)
- ◆ [Health Communication](#)
- ◆ [Hearing Objectives](#)
- ◆ [Heart Disease and Stroke](#)
- ◆ [HIV](#)
- ◆ [Immunization and Infectious Diseases](#)
- ◆ [Injury and Violence Prevention](#)
- ◆ [Maternal, Infant and Child Health](#)
- ◆ [Medical Product Safety](#)
- ◆ [Mental Health and Mental Disorders](#)
- ◆ [Nutrition and Overweight](#)
- ◆ [Occupational Health](#)
- ◆ [Oral Health](#)
- ◆ [Physical Fitness](#)
- ◆ [Public Health Infrastructure](#)
- ◆ [Respiratory Diseases](#)
- ◆ [Sexually Transmitted Diseases](#)
- ◆ [Substance Abuse](#)
- ◆ [Tobacco Use](#)
- ◆ [Vision](#)



# Partners

in Information Access for  
the Public Health Workforce

A collaboration of U.S. government agencies, public health organizations and health professionals

# Coming 9/2005!

## Our Mission

Helping the public health workforce find and use information effectively to improve public health

## Health Topics:

## Main Topics:

- ▶ [Health Promotion and Health Education](#)
- ▶ [Literature and Guidelines](#)
- ▶ [Health Data Tools and Statistics](#)
- ▶ [Grants and Funding](#)
- ▶ [Education and Training](#)
- ▶ [Legislation](#)
- ▶ [Conferences and Meetings](#)
- ▶ [Finding People](#)
- ▶ [Discussion and E-mail Lists](#)

### What's New on PHPartners.org?

Subscribe to the weekly announcement-only list of new resources

### Public Health Information and Data:

[Tutorial](#)

[Training Manual](#)

### Research

is just a click away...



**Resource Guide**  
for Public Health Preparedness

- Aging & Elderly Health
- Alcohol
- Bioterroism**
- Children's Health
- Dental/Oral Health
- Emergency Preparedness
- Environmental Health
- Global/International Health
- HIV/AIDS
- Hospital Care
- Injury & Violence
- Maternal & Child Health
- Mental Health
- Minority Health
- Nutrition
- Occupational Health
- Reproductive Health
- School Health
- Tobacco
- Women's Health




Go

National Information Center on Health Services Research and Health Care Technology (NICHSR)

[NICHSR Home](#) | [About Us](#) | [Contact Us](#)

[Home](#) > [Health Services Research & Public Health](#) >

## HSR Information Central

[www.nlm.nih.gov/hsrinfo](http://www.nlm.nih.gov/hsrinfo)

Serving the Information Needs of the Health Services Research Community

- ▶ [Literature and Guidelines](#)
- ▶ [Data Tools and Statistics](#)
- ▶ [Grants and Funding](#)
- ▶ [Legislation](#)
- ▶ [Training and Education](#)
- ▶ [Meetings and Conferences](#)
- ▶ [Alphabetic List](#)  
All Web sites in alphabetic order
- ▶ [Subject List](#)  
Web sites by other categories including:  
Health Economics, Rural Health,  
and State Resources




**Annual Research Meeting**  
 Boston  
 June 26-28  
 NLM Booth # - 400

**Mental Health Services Research 2005:**  
 Broadening the Scope of Scientific Investigation  
 July 18-19, 2005, Bethesda, MD  
 Sponsor: National Institute of Mental Health, NIH/HHS

**Translating Research into Practice:**  
 TRIP 2005  
 July 18-20 Washington, DC  
 Sponsors: AHRQ, NCI/NIH/HHS

### Latest News

[New Informatics Training Initiative from AMIA](#)

[HHS Secretary Mike Leavitt issues new report by Lewin citing investment in information technology \(IT\) as an essential, high priority.](#)

[AHRQ seeks nominations for its National Advisory Council for Healthcare Research and Quality](#)

▶▶ [more news](#)



# National Information Center on Health Services Research and Health Care Technology (NICHSR)

[NICHSR Home](#) | [About Us](#) | [Contact Us](#)

[Home](#) > [Health Services Research & Public Health](#) > [Home HSR Info](#)

## [Literature and Guidelines](#)

[Data Tools and Statistics](#)

[Grants and Funding](#)

[Legislation](#)

[Training and Education](#)

[Meetings and Conferences](#)

[Alphabetic List](#) -  
All Web sites in  
alphabetic order

## Literature and Guidelines

[Guidelines](#) | [HSR Core Library Recommendations](#) | [Journal Articles](#)  
| [Journals](#) | [Newsletters](#) | [Reports and Other Publications](#)

### Guidelines

- [National Guideline Clearinghouse™ \(NGC\)](#) - ( Agency for Healthcare Research and Quality ) - Resources for evidence-based clinical practice guidelines

[Return to Top](#)

### HSR Core Library Recommendations



## National Information Center on Health Services Research and Health Care Technology (NICHSR)

[NICHSR Home](#) | [About Us](#) | [Contact Us](#)

[Home](#) > [Health Services Research & Public Health](#) > [Home HSR Info](#)

[Literature and Guidelines](#)

[Data Tools and Statistics](#)

[Grants and Funding](#)

[Legislation](#)

[Training and Education](#)

[Meetings and Conferences](#)

[Alphabetic List](#) -  
All Web sites in alphabetic order

[Subject List](#) -

## Data Tools and Statistics

---

[Data Repositories](#) | [Health Statistics](#) | [Search for Tools](#) | [Specific Instruments and Tools](#)

## Data Repositories

- [Cecil G. SHEPS Center for Health Services Research](#)
- [Inter-University Consortium for Political and Social Research \(ICPSR\)](#) - ( Institute for Social Research, University of Michigan ) - maintains and provides access to a vast archive of social science data for research

# What's next for HSR Info ...

---

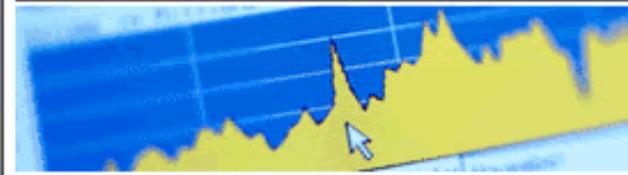
- Expand content with help from AcademyHealth, NCI, other NIH ICs, other gov and non-gov sources
- Add an “NIH Funding for HSR” section under Grants and Funding
- Add a “Suggest Link” box
- Evaluate and market the site





## Health Services Research & Public Health Information Programs

Integrating Resources for Research and Practice



**Health Services Research**  
 Studying access, costs and quality

**Public Health**  
 Promoting health for the population

### Collaborative Projects

[Health Services Research Information](#)  
 A health services research portal

[Partners in Information Access for the Public Health Workforce](#)  
 A public health portal



### Databases

[Health Services Research Projects in Progress \(HSRProj\)](#)

[American Indian Health](#)

[Health Services/Sciences Research Resources \(HSRR\)](#)

[Arctic Health](#)

[Health Services/Technology Assessment \(Full\) Texts \(HSTAT\)](#)

[Asian American Health](#)

[MIMCOM - Malaria Research Resources](#)

[Toxicology and Environmental Health](#)

### Subject Access Projects

[HSR Queries](#)  
 Preformulated PubMed search filters

[HP2010 Information Access Project](#)  
 Preformulated PubMed search strategies and links to other resources related to Healthy People 2010

### Additional Information From

- ▶ [National Information Center on Health Services Research and Health Care Technology \(NICHSR\)](#)  
 The NLM coordinating unit for HSR
- ▶ [Specialized Information Services](#)  
 The NLM coordinating unit for Environmental Health and Toxicology
- ▶ [History of Medicine](#)
- ▶ [National Network of Libraries of Medicine](#)

### Related Products

- ▶ [NCBI Bookshelf](#)
- ▶ [MEDLINE/PubMed](#)
- ▶ [NLM Gateway](#)
- ▶ [MedlinePlus®](#)

Search  for    [Save Search](#)

Display  Show

All: **59315** Figures: **36** ✕

## [59314 items](#) in **Health Services/Technology Assessment Text (HSTAT)**



Bethesda (MD):  
[National Library of Medicine](#) (US),  
2003 Oct.



[1 item](#) in **Cancer Medicine**. 6th ed.  
Kufe, Donald W.; Pollock, Raphael E.; Weichselbaum, Ralph R.; Bast, Robert C., Jr.; Gansler, Ted S.; Holland, James F.; Frei III, Emil, editors.  
Hamilton (Canada): [BC Decker Inc](#); c2003.

Display  Show

**[HSTAT.nlm.nih.gov](http://HSTAT.nlm.nih.gov) or  
use the [Books](#) link at [pubmed.gov](http://pubmed.gov)**

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

[AHRQ Evidence Reports, Numbers 1-60](#)

[AHRQ Evidence Reports, Numbers 61 & Higher](#)

 [AHRQ Evidence Report Summaries](#)

[AHRQ Technical Reviews and Summaries](#)

[AHCPR Supported Clinical Practice Guidelines](#)

[AHCPR Supported Quick Reference Guide](#)

[AHCPR Supported Consumer Guides \(English\)](#)

[AHCPR Supported Consumer Guides \(Spanish\)](#)

## Health Services/Technology Assessment Text (HSTAT)

The Health Services Technology/Assessment Texts (HSTAT) is a free, Web-based resource of full-text documents that provide health information and support health care decision making. HSTAT's audience includes health care providers, health service researchers, policy makers, payers, consumers and the information professionals who serve these groups.

All of the collections in HSTAT can be accessed in the following ways:

1. By searching the complete Bookshelf
2. By searching the HSTAT collection specifically
3. By browsing the collections from the HSTAT homepage
4. Through links from "concept phrases" in PubMed abstracts
5. From the new Entrez Global query feature

[AIDSInfo](#)

[Guide to Clinical Preventive Services, 3rd Ed. Recommendations](#)

[Guide to Clinical Preventive Services, 3rd Ed. Systematic Evidence Reviews](#)

[Guide to Clinical Preventive Services, 2nd Edition, 1996](#)

[Guide to Community Preventive Services](#)

[NIH Consensus Development Program – Consensus Development Conference Reports](#)

[NIH Consensus Development Program - State of the Science Statements](#)

[Reports of the Surgeon General](#)

[SAMHSA/CSAP Prevention Enhancement Protocols](#)

[SAMHSA/CSAT Treatment Improvement Protocols](#)

---

[Health Technology Advisory Committee-Minnesota \(Static collection\)](#)

[Put Prevention Into Practice \(Static collection\)](#)



## Health, United States, 2004

With Chartbook on Trends in the Health of Americans *with* Special Feature on Drugs

[NCHS Home](#) | [Health, United States, Home](#)  
[CDC/NCHS Privacy Policy Notice](#) | [Accessibility](#)  
[Search NCHS](#) | [NCHS Definitions](#) | [Contact us](#)

*Health, United States* is an annual report on trends in health statistics. The report consists of two main sections: A chartbook containing text and figures that illustrates major trends in the health of Americans; and a trend tables section that contains 153 detailed data tables. The two main components are supplemented by an executive summary, a highlights section, an extensive appendix and reference section, and an index.

### 2004 Edition

[Complete report with interactive links](#) 14.4 MB

#### About NCHS ▶

[NCHS en Español](#) ■

[FASTSTATS A to Z](#) ■

[Help](#) ▶

[Events](#) ■

[Surveys and Data Collection Systems](#) ■

[NHANES](#) ■

[NHCS](#) ▶

[NHIS](#) ■

[NIS](#) ■

[NSFG](#) ■

[SLATS](#) ■

[Vital Statistics](#) ▶

[Initiatives](#) ■

[Aging](#) ■

[Disease Classification](#) ■

[Healthy People](#) ■

[Injury](#) ■

[Research and Development](#) ■

[Press Room](#) ■

[News Releases](#) ■

[Publications and Information Products](#) ■

[SETS](#) ■

[Listserves](#) ■

[Other Sites](#) ■

[Download:](#)

[Adobe Acrobat](#) ■

[Reader®](#)

[Adobe Acrobat](#) ■

# **What's next for databases ...**

---

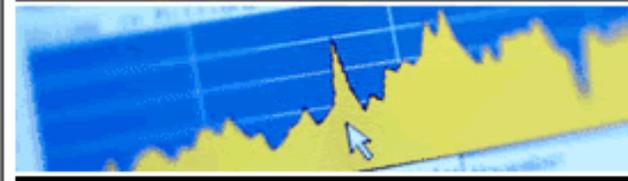
- **Expand HSRR search capabilities**
- **Link HSRProj and HSRR records, and eventually PubMed records**
- **Develop a prototype interactive publication with NCHS**
- **Develop sustainable interactive publishing architecture and expand to non-NCHS publications using NCHS data**





## Health Services Research & Public Health Information Programs

## Integrating Resources for Research and Practice



### Health Services Research

Studying access, costs and quality

### Public Health

Promoting health for the population

#### Collaborative Projects

[Health Services Research Information](#)

A health services research portal

[Partners in Information Access for the](#)

[Public Health Workforce](#)

A public health portal

#### Databases

[Health Services Research Projects in](#)

[Progress \(HSRProj\)](#)

[American Indian Health](#)

[Arctic Health](#)

[Health Services/Sciences Research](#)

[Resources \(HSRR\)](#)

[Asian American Health](#)

[Health Services/Technology Assessment](#)

[\(Full\) Texts \(HSTAT\)](#)

[MIMCOM - Malaria Research Resources](#)

[Toxicology and Environmental Health](#)



#### Subject Access Projects

[HSR Queries](#)

Preformulated PubMed search filters

[HP2010 Information Access Project](#)

Preformulated PubMed search strategies and links to other resources related to Healthy People 2010

#### Additional Information From

- ▶ [National Information Center on Health Services Research and Health Care Technology \(NICHSR\)](#)  
The NLM coordinating unit for HSR
- ▶ [Specialized Information Services](#)  
The NLM coordinating unit for Environmental Health and Toxicology
- ▶ [History of Medicine](#)
- ▶ [National Network of Libraries of Medicine](#)

#### Related Products

- ▶ [NCBI Bookshelf](#)
- ▶ [MEDLINE/PubMed](#)
- ▶ [NLM Gateway](#)
- ▶ [MedlinePlus®](#)

Search PubMed for

- Limits
- Preview/Index
- History
- Clipboard
- Details

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation

Matcher

Batch Citation Matcher

Clinical Queries

Special Queries

LinkOut

My NCBI (Cubby)

- Enter one or more search terms, or click [Preview/Index](#) for advanced searching.
- Enter [author names](#) as smith jc. Initials are optional.
- Enter [journal titles](#) in full or as MEDLINE abbreviations. Use the [Journals Database](#) to find journal titles.

PubMed, a service of the National Library of Medicine, includes over 15 million citations for biomedical articles back to the 1950's. These citations are from MEDLINE and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources.

### Bookshelf Additions



*Molecular Biology of the Cell, 4th Ed.* and *The Genetic Landscape of Diabetes* are now available for interactive searching on the [Bookshelf](#).



### Action Bar Redesigned

The PubMed results [action bar](#) has been redesigned. Selections from the *Display format*, *Show*, *Sort by*, or *Send to* menus take effect automatically so the *Display* and *Send to* buttons have been removed.



# Special Queries

## Directory of Topic-Specific PubMed Queries

### Queries Targeted for Clinicians and Health Services Researchers

<a href="#">Clinical Queries</a>	<p>A search interface to find citations in the areas of:</p> <ul style="list-style-type: none"><li>• <a href="#">Clinical Study Categories</a>: Find citations corresponding to a specific clinical study category.</li><li>• <a href="#">Systematic Reviews</a>: Find citations for systematic reviews, meta-analyses, reviews of clinical trials, evidence-based medicine, consensus development conferences, and guidelines.</li><li>• <a href="#">Medical Genetics</a>: Find citations related to various topics in medical genetics.</li></ul>
<a href="#">Health Services Research (HSR) Queries</a>	<p>A search interface to find PubMed citations relating to health care quality or to health care costs</p>
<a href="#">Cancer Topic Searches</a>	<p>A search interface to retrieve PubMed citations on more than 100 major cancer topics</p>

### Subjects

<a href="#">AIDS</a>	<p>Limits search to the PubMed <a href="#">AIDS subset</a></p>
<a href="#">Bioethics</a>	<p>Limits search to the PubMed <a href="#">Bioethics subset</a></p>



## National Information Center on Health Services Research and Health Care Technology (NICHSR)

[Home](#) > [Health Services Research & Public Health](#) > [NICHSR](#)

### PubMed Health Services Research (HSR) Queries

This page provides specialized PubMed searches on healthcare quality and costs.

After running one of these searches, you may further refine your results using PubMed's [Limits](#) feature.

Results of searches on this page are limited to specific health services research areas (see [definitions](#)). For comprehensive searches, use [PubMed](#) directly.

Additional PubMed search filters are available, including a filter for [Systematic Reviews](#).

### Search by HSR Study Category

This search finds citations that correspond to a specific health services research study category. The search may be either broad and sensitive or narrow and specific. The search filters are based on the work of [Haynes RB et al.](#) See the [filter table](#) for details.

Search

Go

Clear

#### Category

- Appropriateness
- Process assessment
- Outcomes assessment
- Costs
- Economics

#### Scope

- Broad, sensitive search
- Narrow, specific search



Search PubMed for [(mammogram) AND (inappropriate[tiab] OR reco)] Go Clear [Save Search](#)

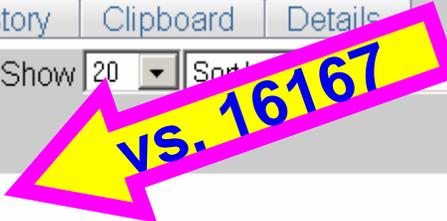
Limits Preview/Index History Clipboard Details

Display Summary Show 20 Sort

All: 316 Review: 16

Items 1 - 20 of 316

Page 1 of 16 Next



1: [McAlearney AS, Reeves KW, Tatum C, Paskett ED.](#)

[Related Articles, Links](#)

**Perceptions of insurance coverage for screening mammography among women in need of screening.**

Cancer. 2005 Jun 15;103(12):2473-80.  
 PMID: 15884097 [PubMed - in process]

2: [Leung JW.](#)

[Related Articles, Links](#)

**Screening mammography reduces morbidity of breast cancer treatment.**

AJR Am J Roentgenol. 2005 May;184(5):1508-9.  
 PMID: 15855106 [PubMed - indexed for MEDLINE]

3: [Tomberg S, Codd M, Rodrigues V, Segnan N, Ponti A.](#)

[Related Articles, Links](#)

**Ascertainment and evaluation of interval cancers in population-based mammography screening programmes: a collaborative study in four European centres.**

J Med Screen. 2005;12(1):43-9.  
 PMID: 15814019 [PubMed - indexed for MEDLINE]

4: [Sibata A, Takahashi T, Ouchi N, Fukao A.](#)

[Related Articles, Links](#)

**[Evaluation of service screening for breast cancer by clinical breast examination using regional cancer registry data]**

Nippon Koshu Eisei Zasshi. 2005 Feb;52(2):128-36. Japanese.  
 PMID: 15791899 [PubMed - indexed for MEDLINE]

- About Entrez
- Text Version
- Entrez PubMed
  - Overview
  - Help | FAQ
  - Tutorial
  - New/Noteworthy
  - E-Utilities
- PubMed Services
  - Journals Database
  - MeSH Database
  - Single Citation Matcher
  - Batch Citation Matcher
  - Clinical Queries
  - Special Queries
  - LinkOut
  - My NCBI (Cubby)
- Related Resources
  - Order Documents
  - NLM Catalog
  - NLM Gateway
  - TOXNET
  - Consumer Health

Search PubMed for (mammogram) AND (inappropriate[tiab] OR reco)   [Save Search](#)

[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)

Display Summary Show 20 Sort by Send to

All: 316 **Review: 16** ✨ ✕

Items 1 - 16 of 16

One page.

**1:** [Hartman AR.](#)

[Related Articles, Links](#)

 **The problems with risk selection; scientific and psychosocial aspects.**  
Recent Results Cancer Res. 2005;166:125-44. Review.  
PMID: 15648188 [PubMed - indexed for MEDLINE]

**2:** [Albert US, Schulz KD: German Association of the Scientific Medical Societies \(AWMF\), German Agency for Quality in Medicine \(AeZQ\).](#)

[Related Articles, Links](#)

 **Short version of the Guideline: Early Detection of Breast Cancer in Germany. An evidence-, consensus-, and outcome-based guideline according to the German Association of the Scientific Medical Societies (AWMF) and the German Agency for Quality in Medicine (AeZQ).**  
J Cancer Res Clin Oncol. 2004 Sep;130(9):527-36. Epub 2004 Jun 18. Review.  
PMID: 15221468 [PubMed - indexed for MEDLINE]

**3:** [Leonard GD, Swain SM.](#)

[Related Articles, Links](#)

 **Ductal carcinoma in situ, complexities and challenges.**  
J Natl Cancer Inst. 2004 Jun 16;96(12):906-20. Review.  
PMID: 15199110 [PubMed - indexed for MEDLINE]

**4:** [Di Maggio C.](#)

[Related Articles, Links](#)

 **State of the art of current modalities for the diagnosis of breast lesions.**  
Eur J Nucl Med Mol Imaging. 2004 Jun;31 Suppl 1:S56-69. Epub 2004 Apr 15. Review.  
PMID: 15085294 [PubMed - indexed for MEDLINE]

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation

Matcher

Batch Citation

Matcher

Clinical Queries

Special Queries

LinkOut

My NCBI (Cubby)

Related

Resources

Order Documents

NLM Catalog

NLM Gateway

TOXNET

## Subject Access Projects

### [HSR Queries](#)

Preformulated PubMed search filters

### [HP2010 Information Access Project](#)

Preformulated PubMed search strategies and links to other resources related to Healthy People 2010



## Outreach and Training

### [Finding and Using Health Statistics](#)

### [Health Economics: Information Resources](#)

### [Health Outcomes, Health Economics and Health Policy Collection Development Lists](#)

### [HTA 101 - Health Technology Assessment 101 \(PDF, 2.4MB\)](#)

### [History of HSR Initiative](#)

### [NICHSR Introduction to HSR](#)

### [Technology Assessment 101](#)

### [Outreach & Special Populations](#)

### [Practical Resources for Public Health Data Organizations \(PDF, 3MB\)](#)

### [Public Health Outreach Evaluation Task Force](#)

### [Toxicology Tutor](#)

## Publications

### [Confidentiality of Electronic Health Data, CBM 95-10](#)

### [Distance Education in Public Health, CBM 2003-3](#)

# Finding and Using Health Statistics:

## A Self-Study Course

10/10/2000

[Click here to start](#)

[Table of  
Contents](#)

Instructor: Dan Melnick, PhD

Email: [nichsr@nlm.nih.gov](mailto:nichsr@nlm.nih.gov)

[Health Statistics](#)

Home Page:

<http://www.nlm.nih.gov/nichsr/outreach.html>

[Credits](#)

[About this Course](#)

[Using the Internet  
version](#)



# National Information Center on Health Services Research and Health Care Technology (NICHSR)

[NICHSR Home](#) | [About Us](#) | [Contact Us](#)

[Home](#) > [Health Services Research & Public Health](#) > [NICHSR](#)

## NICHSR Introduction to HSR: Class Manual

### Welcome and Introduction

Welcome to the National Library of Medicine's course on Health Services Research (HSR). This course is designed to provide health sciences librarians with a greater appreciation of the issues and methodologies of health services research in order to support and partner health services researchers. This field of research cuts across multiple disciplines and relies heavily on the published literature. It requires quality filtering skills and the organization and analysis of large sets of data. Librarians are well qualified to select and manage volumes of information. Gaining new skills in analyzing data, interpreting the literature, and disseminating the research results will expand our opportunities in this growing field of work.

[Go to Table of Contents](#)

**Last updated:** 07 May 2004

**First published:** 31 October 1997

**Metadata** | **Permanence level:** Permanent: Dynamic Content



## National Information Center on Health Services Research and Health Care Technology (NICHSR)

### Health Outcomes Core Library Recommendations, 2004

 [Printer-friendly Version](#)

Compiled by [AcademyHealth](#)

Funded by the National Library of Medicine

#### Background

The core list contains 42 books and 21 journals. In developing the core list, the amount of items purchased was taken to define the core list as one that might be reasonable for moderately-sized collections. Some books are downloadable in PDF format from the Web for free. Others, such as reference books and textbooks, can cost as much as \$525.00<sup>1</sup>, while other titles may be purchased for \$21.00. With respect to journals, annual subscriptions range from \$125.00 to \$1,817.00, with \$500.00 being the average. The full project report is available in [PDF](#) format for printing.

**Methodologies module  
in process!**

#### What Are Health Outcomes? Why Are They Important?

In this time of scarce resources, it has become increasingly necessary to justify the impact of any health care intervention. Clinical findings alone, while important, are often an insufficient measure of an intervention's impact. The study of health outcomes looks beyond the physiological measures of success to examine the effects of the health care process on patients and populations.

Health outcomes research seeks to understand the effects of health care practices and interventions. Researchers in this field use various measures of outcomes in hopes of using their findings to develop better ways to monitor and improve the quality of care. Some examples of measures of outcomes include:

# Grey Literature Project

---

**Goal: defining the scope of HSR/HP grey lit through advisor input and "case study" interviews of grey lit producers**

- **What is produced?**
- **Who uses?**
- **How is it preserved?**
- **Does it make it into journals and books?**
- **What can/should be done to better archive and preserve grey lit?**

# What's new with...

---

- HSR & PH portal
- **PubMed Central**
- Non-NLM resources for HSR
- Standards

**PubMed Central (PMC)** is the U.S. National Institutes of Health (NIH) free digital archive of biomedical and life sciences journal literature.

[Advanced search](#)

**Browse PMC journals:** [\[A-B\]](#) [\[C-H\]](#) [\[I-M\]](#) [\[N-S\]](#) [\[T-Z\]](#) [\[Full List\]](#) [\[New Journals\]](#)

Add your name to the [PMC News list](#) to get email notification of new PMC journals and other significant updates.



All journals in PMC provide free access to full text (sometimes on a delayed basis). Some go beyond free, to [Open Access](#). Find out what that means.

PMC's [utilities](#) include an OAI service that provides XML of the full-text of some articles, functions for scripting PMC searches and linking to specific PMC articles from your site, and more ...

Find out how you can [include your journal in PMC](#).

The [NIH Public Access](#) plan is meant to make the published results of NIH-funded research freely available to everyone.

NIH-funded authors: see the [NIH Manuscript Submission](#) system.

It's about preservation and access: [digitizing the complete run of back issues](#) of many of the journals in PMC.

Looking for a thoroughly modern journal article DTD? Take a look at NLM's [Journal Publishing XML DTD and schema](#).

[pubmedcentral.gov](http://pubmedcentral.gov)



# NIH **Public Access**

**NIHMS** (NIH Manuscript Submission) is currently accepting submissions through the eRA Commons (for NIH Extramural principal investigators, grantees or applicants) and through NIH Login (for Intramural NIH scientists and staff).

Third party submissions will be accepted starting July 6, 2005.

[NIH](#) | [NLM](#) | [NCBI](#) | [PubMed Central](#)

**Log in** to the NIHMS System if you are ready to submit a manuscript.

What is the NIH Public Access Policy? The NIH maintains a **web page** with information relating to the **Public Access Policy**.

Sign up with the **NIHMS News list** to get email notification of significant updates with the system.

Do you have questions about the submission process? Refer to the **NIHMS FAQ**.

The NIHMS also maintains a help desk to assist users with manuscript submissions, and answer any questions related to the submission process. **Contact** the help desk with your queries.

Email questions and comments regarding the NIH Public Access Policy to **[PublicAccess@nih.gov](mailto:PublicAccess@nih.gov)**.

The National Institutes of Health Manuscript Submission (NIHMS) system is a service of NCBI. Please [contact us](#) with any questions. [National Center for Biotechnology Information](#) | [U.S. National Library of Medicine](#)  
[Privacy Notice](#) | [Disclaimer](#) | [Accessibility](#)



# PubMed Central & HSR



Home

Buying HSR

Recent Issues

Info for Authors

Archive

Web Links

Coming Soon

About HSR

**HRET**  
Health Research  
& Educational Trust  
In Partnership with AHA

*Health Services Research*  
A publication of HRET  
Official Journal of AcademyHealth  
One North Franklin  
Chicago, IL 60606  
Ph: 312 422 2600 Fax: 312 422 4568

  
**AcademyHealth**  
Advancing Research, Policy and Practice

- Scanning of back issues from inception (1966) complete!
- Should be available in PMC in early Fall

# What's new with...

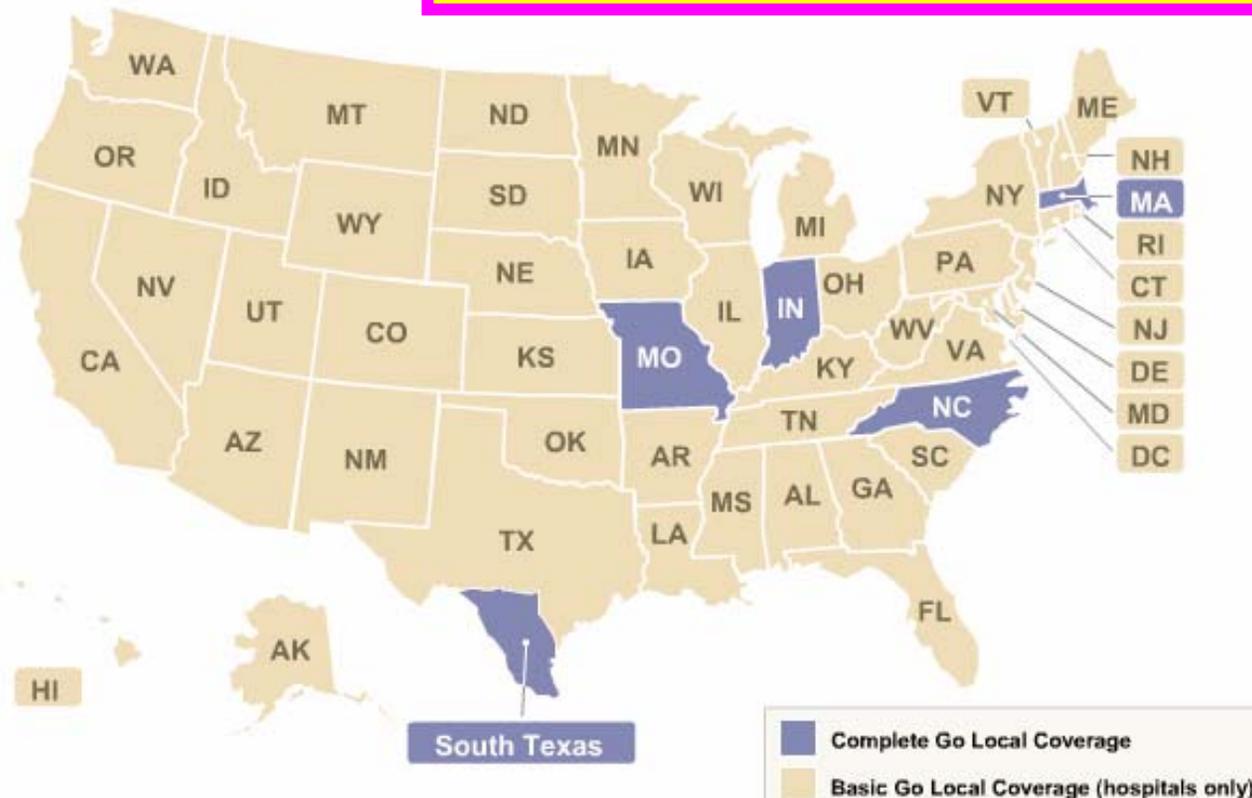
---

- HSR & PH portal
- PubMed Central
- **Non-NLM resources for HSR**



Welcome to **Go Local**, a service for finding local resources for health-related issues. Select an area from the map below to search for health services and topics.

[www.nlm.nih.gov/medlineplus/golocal](http://www.nlm.nih.gov/medlineplus/golocal)





**Search for services, organizations, and other resources.**

**First, please select a resource location ...**  County or

All Locations

Region



**... then decide if you wish to search by key word OR search by topic.**

**Search by Key Word**

(Please select one.)

- Subjects
- Resource Names

**Search by Topic (Please select one.)**

- Basic Needs
- Business
- Consumer Services
- Criminal Justice/Legal
- Education
- Environmental Quality
- Health Care
- Income Security
- Individual and Family Life
- Mental Health Care and Counseling
- Organizational/Community/International
- Target Populations

Search

**[Advanced Search](#)**

Search by service area, ZIP code, network and more

**[Consumer Information Links](#)**

Links to useful information that can help you select

**MedlinePlus®**  
Trusted Health Information for You



### LOGIN

Email:

Password:

Sign in

[Forgot Password](#)

[New User? Sign Up](#)

### MENU

- [RHIN Home page](#)
- [News and Events](#)
- [Search Documents](#)
- [Related Links](#)
- [News Items](#)
- [Members](#)

**NEW**  
[Health Videos](#)

[Help](#)

## Welcome to the Refugee Health Information Network

### Recent News Items

[Colombian conflict could wipe out indigenous groups, warns UNHCR](#)

Submitted on: 4/25/2005 9:36:20 AM

[Fighting in Colombia is threatening the survival of smaller and more vulnerable groups of indigenous people, cautioned the UN refu...](#)

[CDC Assists in Public Health Response for Tsunami Recovery](#)

Submitted on: 4/21/2005 4:14:00 PM

[The United States Centers for Disease Control and Prevention \(CDC\) is mobilizing as part of the worldwide recovery effort to ease ...](#)

[Jolie Helps Launch Center for Refugees](#)

Submitted on: 4/21/2005 4:12:02 PM

[USCRI Hosts Briefing in US Capitol on Refugee Rights in Thailand](#)

Submitted on: 4/21/2005 4:11:01 PM

**rhin.org**

[\[ view more items \]](#) [\[ Submit a news item \]](#)

You need to be logged in to submit news items

### About this project

**Refugee Health Information Network is a project funded by the NLM ...** [\[ more \]](#)

Documents in the system:  
1044 documents

#### Recent Downloads

- [I Speak Card-Albanian](#)
- [I Speak Card-Vietnamese](#)
- [I Speak Card-Urdu](#)
- [I Speak Card-Ukrainian](#)
- [I Speak Card-Tigrinya](#)
- [I Speak Card-Tagalog](#)
- [I Speak Card-Swahili](#)

### Recently added links

[New Health Info Resource from Tufts University for Asian-Language Speakers](#)

Submitted on: 5/13/2005 6:25:45 PM

["Selected Patient Info Resources in Asian Languages," dubbed SPIRAL, is a web site with detailed health info in seven Asian langua...](#)

[Grantmakers Concerned with Immigrants and Refugees \(GCIR\)](#)

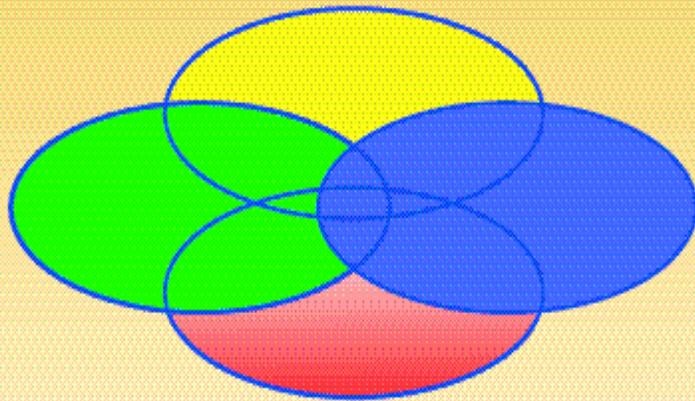
Submitted on: 5/11/2005 4:50:10 PM

Project funded by



**Report of the  
Blue Ribbon Task Force on  
Health Services Research  
at the  
National Institute on Drug Abuse**

---



[www.drugabuse.gov/  
about/organization/nacda/HSRReport.pdf](http://www.drugabuse.gov/about/organization/nacda/HSRReport.pdf)



## NIH to Develop Network for Quantifying Patient-Reported Outcomes

As part of the NIH Roadmap for Medical Research, the National Institutes of Health (NIH), part of the Department of Health and Human Services, provided approximately \$6 million in fiscal year 2004 to fund six primary research sites and a statistical coordinating center for a Patient-Reported Outcomes Measurement Information System (PROMIS) network. This trans-NIH initiative, managed by the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS), aims to develop ways to measure patient-reported symptoms such as pain and fatigue and aspects of health-related quality of life across a wide variety of chronic diseases and conditions.

"There is a pressing need to better quantify clinically important symptoms and outcomes that are now difficult to measure," says NIH Director Elias A. Zerhouni, M.D. "Our clinical research communities would benefit greatly from efficient, consistent, well-validated approaches to measuring these and other subjective outcomes."

[nihroadmap.nih.gov/clinicalresearch/  
promis.asp](http://nihroadmap.nih.gov/clinicalresearch/promis.asp)

## Highlights

**Resources:  
Research Briefs,  
Topics in Public  
Health Informatics,  
Case Studies and  
Tools**

[Click Here](#)

## The Public Health Informatics Institute

**The Public Health Informatics Institute** brings together experts in public health, health information systems, and informatics to establish a new paradigm for developing health information systems. Our goal is to foster effective health information systems through collaboration, innovation, and action.

Our approach to health information systems combines best practices in informatics with knowledge and experience in public health and health care. Our extensive experience working in the field with our customers gives us an in-depth understanding of the economic, organizational, and political realities facing public health and health care practitioners. Skills in governance, project planning, change management, and communication ensure that projects achieve their project and health outcome goals.

Our current work includes projects on [child health information systems](#) and [laboratory information management systems](#) (LIMS). [Four principles guide our strategic approach to applying and managing effective health information systems.](#)

Our customers comprise public health and health care organizations. [The Robert Wood Johnson Foundation](#) provides support for initiatives that foster collaborative

## Our Work

- [Methodology](#)
- [Guiding Principles](#)
- [Projects](#)
- [GSA-MOBIS Contract](#)

## Resources

- [Publications](#)
- [Workshops](#)
- [Events](#)

## My Turn

- [Suggest Topics](#)
- [Feedback](#)
- [More Information](#)
- [Recommend This Site](#)

## Archives

- [News Releases](#)
- [Institute Digest](#)
- [Features](#)

[Sign Up For](#)



### [Towards Measuring Value](#)

A new Research Brief describes a nine-dimension evaluation framework to assess the value of integrating newborn screening laboratory information management systems with child health information systems. The results represent an important step toward developing metrics for evaluating public health information systems.



Systems

### [Developing an Enterprise View of Public Health Information](#)

# The Public Health Disparities Geocoding Project Monograph

*Geocoding and Monitoring US Socioeconomic Inequalities in Health:*

*An introduction to using area-based socioeconomic measures*

WHY?	READ MORE		HOW TO				TRY IT OUT!	TOOLS		
<a href="#">Executive Summary</a>	<a href="#">Introduction</a>	<a href="#">Publications</a>	<a href="#">Geocoding</a>	<a href="#">Generating ABSMs</a>	<a href="#">Analytic Methods</a>	<a href="#">Multi-level Modeling</a>	<a href="#">Visual Display</a>	<a href="#">Case Example</a>	<a href="#">U.S. Census Tract Poverty Data</a>	<a href="#">Glossary</a>

## Welcome to the Public Health Disparities Geocoding Project Monograph.

These pages present an introduction to geocoding and using area-based socioeconomic measures with public health surveillance data, based on the work of the Public Health Disparities Geocoding Project at the Harvard School of Public Health, Department of Society, Human Development, and Health.

[This page is best viewed using Microsoft Internet Explorer, full screen mode.](#)

• The [Executive Summary](#) describes the motivation behind the Public Health Disparities Geocoding Project, and summarizes the methodology, key findings, and recommendations.

• The [Introduction](#) provides a more in-depth look at the history of project, and our main findings. We include a glimpse of what our health could look like if conducted over a variety of health outcomes based socioeconomic measure at the census tract level.

[www.hsph.harvard.edu/  
thegeocodingproject](http://www.hsph.harvard.edu/thegeocodingproject)