




**AHRQ**  
Agency for Healthcare Research and Quality  
Advancing Excellence in Health Care [www.ahrq.gov](http://www.ahrq.gov)

## State Snapshots: State-based Information from the National Healthcare Quality Report

AHRQ's State Healthcare Quality Improvement Workshop  
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## Outline

- AHRQ Mission and the
  - National Healthcare Quality Report (NHQR)
  - National Healthcare Disparities Report (NHDR)
- NHQR/NHDR – Background
 

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- Translating Data Into Change
- A State-led Model for Action
 


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- State Snapshots 2006

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## AHRQ Mission and Niche

- Mission: Improve the efficiency, effectiveness, quality, safety, and equity of *health care*
- Niche:
  - Developing knowledge through research
  - Disseminating the evidence
  - Measuring quality
  - Facilitating change



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## Origin of the NHQR / NHDR

**Mandated by Congress in Healthcare Research and Quality Act (PL. 106-129)**


- “Beginning in fiscal year 2003, the Secretary, acting through the Director, shall submit to Congress an annual report on national trends in the quality of health care provided to the American people.”
- To track “prevailing disparities in health care delivery as it relates to racial factors and socioeconomic factors in priority populations.”



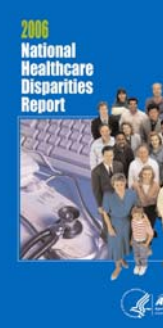
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## 2006 National Healthcare Quality and Disparities Reports




2006  
National Healthcare  
Quality  
Report




2006  
National Healthcare  
Disparities  
Report

Released  
Jan 11, 2007



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## Why Are These Reports Useful?

- A national overview of healthcare quality
  - 42 core (211 total) measures of quality in NHQR
  - Reveal “biggest gaps”
- A map with information about healthcare quality in key areas
- A compass on where we are headed
  - National and State trends from 1994 forward
- A beacon for measure alignment across public and private quality initiatives

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## How the NHQR and NHDR Are Related

NHQR	NHDR
Quality of health care in America	Disparities in health care in America
Quality	Quality + Access
Effectiveness, Patient Safety, Timeliness, Patient Centeredness	...+ Equity
Variation across time & States	Variation across time & populations

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## Measure Types 2006 NHQR / NHDR

- All Measures (NHQR-211; NHDR- 250)
- Core Measures (NHQR- 42; NHDR- 22)
- Composite Measures (13)
- Alternating Measures  
e.g., Breast Cancer, 2005 & Colon Cancer, 2006 (screening & mortality)
- Process & Outcome Measures

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## Measure Types 2006 NHQR / NHDR (cont'd)

- Setting of Care
  - Hospital
  - Ambulatory
  - Nursing Home/Home Health
- Stages of Care
  1. Staying healthy
  2. Getting better
  3. Living with illness or disability
  4. Coping with the end of life

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## Content and Organization 2006 NHQR/NHDR

- Effectiveness
  - Cancer
  - Diabetes
  - End Stage Renal Disease (ESRD)
  - Heart Disease
  - HIV and AIDS
  - Maternal and Child Health
  - Mental Health and Substance Abuse
  - Nursing Home, Home Health, and Hospice Care
- Patient Safety
- Timeliness
- Patient Centeredness
- Access to Health Care
- Priority Populations

NHQR

NHDR

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## Data Sources

**Provider/facility sample surveys**

CDC/NCHS – NAMCS  
 CDC/NCHS – NHAMCS  
 CDC/NCHS – NHDS  
 CMS – ESRD CPMP  
 CSHSC – Community Tracking Study Physician Survey

**Surveillance and vital statistics**

CDC – NPCR  
 CDC – HIV/AIDS Surveillance System  
 CDC – TB Surveillance System  
 CDC/NCHS – NVSS  
 NIH – SEER

**Population sample surveys**

AHRO – MEPS  
 AHRO – CAHPS  
 CDC – BRFSS  
 CDC/NCHS – National Asthma Survey  
 CDC/NCHS – NHANES  
 CDC/NCHS – NHIS  
 CDC/NCHS – National Immunization Survey  
 CMS – MCBS  
 HRSA – Healthy Schools Healthy Communities User Visit Survey  
 NHPCO – Family Evaluation of Hospice Care  
 SAMHSA – NSDUH  
 U.S. Census Bureau – U.S. Census

**Organizational data systems**

AHRO – HCUP  
 CMS – Hospital Compare  
 CMS – Medicare Patient Safety Monitoring System  
 CMS – OASIS  
 CMS – Nursing Home Minimum Data Set  
 CMS – QIO  
 HIVRN – 2001-2003  
 HIS – NPIRS  
 NCOA – HEDIS  
 NIH – USRDS  
 SAMHSA – TEDS

## NHQR & NHDR Not Enough

- Books “on a shelf” do not make change happen
- “National” policymakers not only audience
- Practice variation across States – important message
- NHQR data for States spread across many tables
  - tedious to access
  - difficult to summarize

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## A State-led Framework for Quality Improvement: Why?

- States *can* play a strategic role -- designing, leading, and assessing
- Existing models focus on *providers*
- A state-focused model lays out:
  - A leadership role
  - Steps
 for State action

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## The State-led Framework

Leadership → Partnership → Improvement

- Provide leadership to create a vision
- Work in partnership with key stakeholders
- Implement improvement by leading partners to create interventions and assess impact

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## NHQR/DR Derivative Products for State-led Quality Improvement

- State Snapshots from the:
  - 2004 NHQR – print-format on Web for each State
  - 2005 NHQR – interactive-format on Web for each State
  - 2006 NHQR/NHDR – refinements (e.g., full content PDF)
- Diabetes Care Quality Improvement: Guide & Workbook
- Asthma Care Quality Improvement: Guide & Workbook
- Asthma Care Return on Investment Calculator
  - Ask Jeff Brady (AHRQ) or Ginger Carls (TH)

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## The State Snapshots

- Online State-by-State data from the NHQR and NHDR:
  - Composite measures
  - Individual measures
  - Focus on managing diabetes

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## State Snapshots: Composite Measures

- Summary measures – a State's performance compared to their region and the nation for:
  - All Available Measures
  - Types of Care
    - Preventive
    - Acute
    - Chronic
  - Settings of Care
    - Hospital
    - Ambulatory
    - Nursing Home
    - Home Health

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## Composite Measures: State compared to Region or Nation

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## State Snapshots: Individual Measures

- Five Strongest and Weakest Measures for a State compared to all States reporting
- State Rankings for 15 Measures
  - Ordinal rank on individual measures of each State's performance out of 51 (States + DC)
- Table of all measures for a State and all measures for all States

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## State Snapshots: 5 Strongest & Weakest Measures

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## State Snapshots: Individual Measures

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## State Snapshots: Focus on Diabetes

- Process of care measures
- Outcome of care measures
- Disparities (by income & race/ethnicity)
- Saving costs (for State government employees)

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## Snapshot Focus on Diabetes: Disparities

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## Snapshots Focus on Diabetes: Lives & \$s – State Govt Employees

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## Snapshots Focus on Diabetes: Excess \$s – State Govt Employees

The screenshot shows a detailed report for California. The title is "Excess Costs Associated with Diabetes for State Government Employees". The report includes a table with columns for "2008 Estimated Share of Health Expenditures on State Government Employees That Relates to Diabetes Care, Compared to the Public Sector and All Workers" and "2008 Estimated Share of Health Expenditures on State Government Employees That Relates to Diabetes Care, Compared to the Public Sector and All Workers". The table shows that state government employees have a higher share of health expenditures on diabetes care compared to the public sector and all workers.

## AHRQ State Snapshots & Commonwealth Fund State Scorecard

### AHRQ State Snapshots

- State Summary
- Strongest and Weakest Measures
- Types of Care
  - Preventive
  - Acute
  - Chronic
- Settings of Care
  - Hospital
  - Ambulatory
  - Nursing Home
  - Home Health
- Care by Clinical Area
  - Cancer
  - Diabetes
  - Heart Disease
  - Maternal and Child Health
  - Respiratory Diseases
- Focus on Diabetes

### CF State Scorecard

- Overall
- Access
- Quality
  - Preventive Care (age 50+)
- Avoidable Hospital Use & Costs
- Equity
- Healthy Lives

## AHRQ State Snapshots & Commonwealth Fund State Scorecard

	AHRQ State Snapshots	Commonwealth Fund State Scorecard
Content	129 measures	32 measures
Trends	Performance Meter Most Recent + Baseline	Point in Time
Comparisons:		
National	✓	✓
Regional	✓	
State Ranking	-Top 5 States for 13 composites -All States for 15 individual measures	-All States for 6 composites -All States for 32 individual measures

## State Snapshots

<http://statesnapshots.ahrq.gov>

The screenshot shows the AHRQ State Snapshots website. It features a map of the United States with different colors representing different states. To the right of the map is a Performance Meter for All Measures, which is a circular gauge with a needle pointing to the 'Average' position. The gauge is divided into five segments: Very Weak (red), Weak (orange), Average (yellow), Strong (green), and Very Strong (dark green).

## NHQR/NHDR Resources

- <http://www.ahrq.gov/qual/measurix.htm>
- Request Reports: 1-800-358-9295  
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- Jeff Brady, [Jeff.Brady@ahrq.hhs.gov](mailto:Jeff.Brady@ahrq.hhs.gov)  
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NHQR/NHDR Team