



# UPDATE: Chronic Disease in Oklahoma Data Book

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# UPDATE: CHRONIC DISEASE IN OKLAHOMA DATA BOOK

This update to the *Chronic Disease in Oklahoma Data Book* (8/16/13) focuses on the new sources of data and standards that can supplement assessment, planning, and evaluation activities.

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## INTRODUCTION

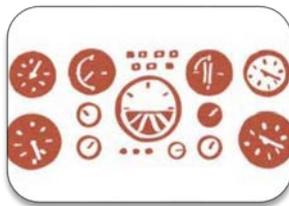
Chronic disease is the most common and costly of all health problems. A person's risk of developing a chronic disease such as asthma, diabetes, cancer, heart disease or stroke can be greatly reduced by avoiding tobacco use/exposure, being physically active, and eating well. Health care and self-management can contribute to improved functioning and minimized discomfort for individuals with chronic disease. If opportunities are systematically denied to groups because of barriers to quality care, then there is an access problem that needs to be addressed. Emphasis is placed on reducing the effects of chronic diseases, preventing or delaying complications, prolonging life and reducing deaths through timely and appropriate care, self-management and supportive environments.

This report provides descriptions of helpful online resources for chronic disease data and indicators that supplements the *Chronic Disease in Oklahoma Data Book* released 8/16/13.

Some of the resources are interactive databases to provide state, regional, and/or county level data. Others provide a set of nationally recognized public health indicators and some have state level data available for chronic diseases. And a few are compendiums of health performance measures and indicators, but do not contain reported data.



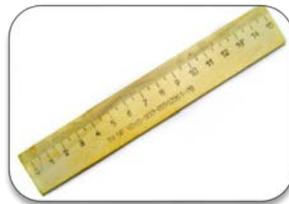
OK2SHARE



Dashboards



Indicators



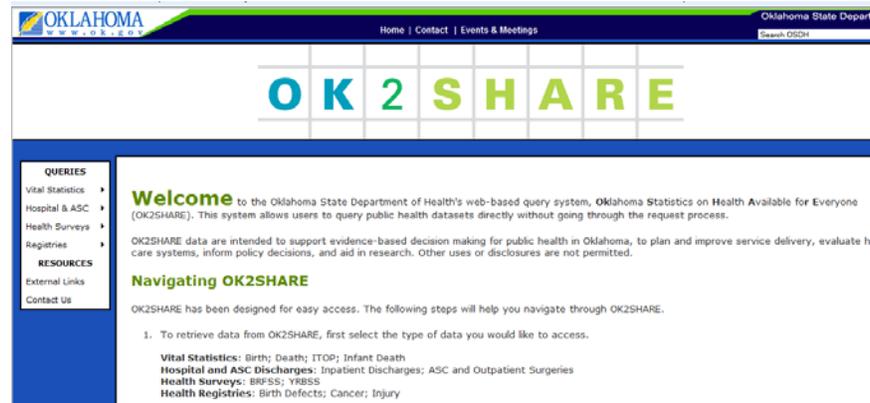
Quality  
Measures



Warehouse

## OK2SHARE

OK2SHARE, [www.health.ok.gov/ok2share](http://www.health.ok.gov/ok2share), is a user-friendly query system to generate specific data tables that can support evidence-based decision making, assist with planning or improving services, and evaluating services, policies, and research. Some of the databases have mapping functions while others can present data on gender, age, race/ethnicity, county, or region.

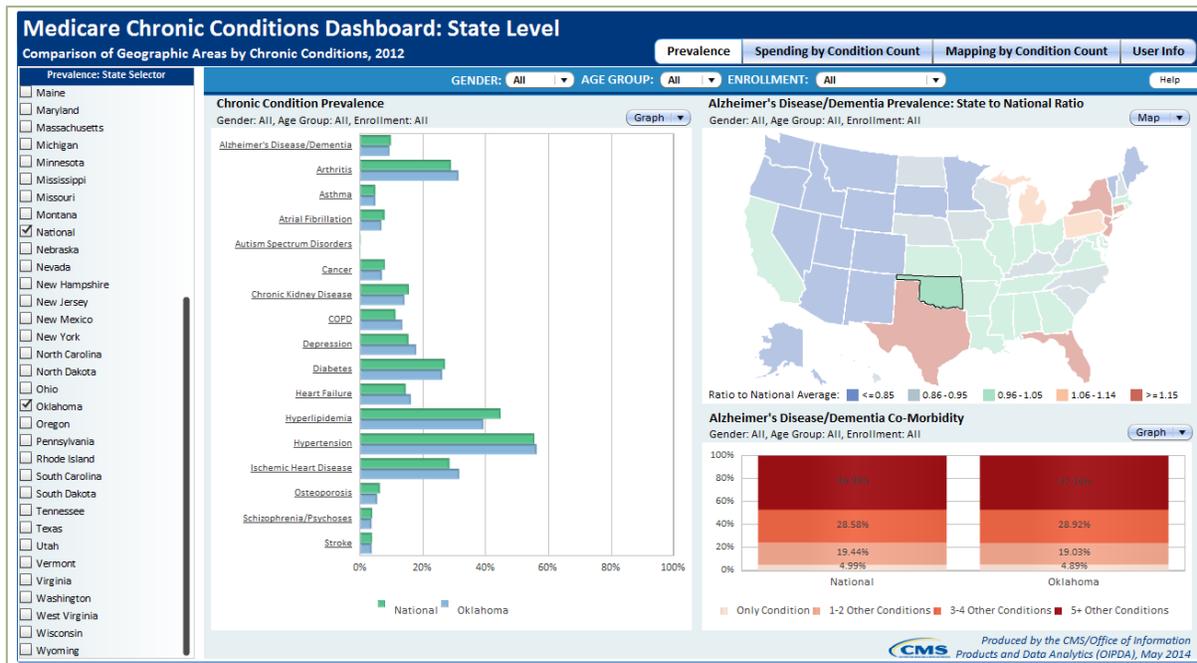


The databases available on OK2SHARE include:

- Vital Statistics
  - Birth
  - Death
  - Induced Termination of Pregnancy
  - Infant Death
- Hospital and ASC Discharges
  - Inpatient Hospital Discharges
  - Outpatient Surgeries
  - Quality Reports (quality of care, health care utilization, preventable hospitalizations, and rates of conditions and procedures)
  - Ambulatory Surgery Centers
- Health Surveys
  - Behavioral Risk Factor Surveillance System
  - Youth Risk Behavior Surveillance System
- Health Registries
  - Birth Defects
  - Cancer
  - Injury

## MEDICARE CHRONIC CONDITIONS DASHBOARD

The Medicare Chronic Conditions Dashboard, <http://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Chronic-Conditions/CCDashboard.html>, shows information on the prevalence, utilization, and spending for Medicare beneficiaries with 17 different chronic conditions and multiple chronic conditions. The information is available on state and county level dashboards. The state level data can be compared to national data. The dashboards allow the selection by gender, age group, and Medicare and Medicaid enrollment (dual eligibility status).

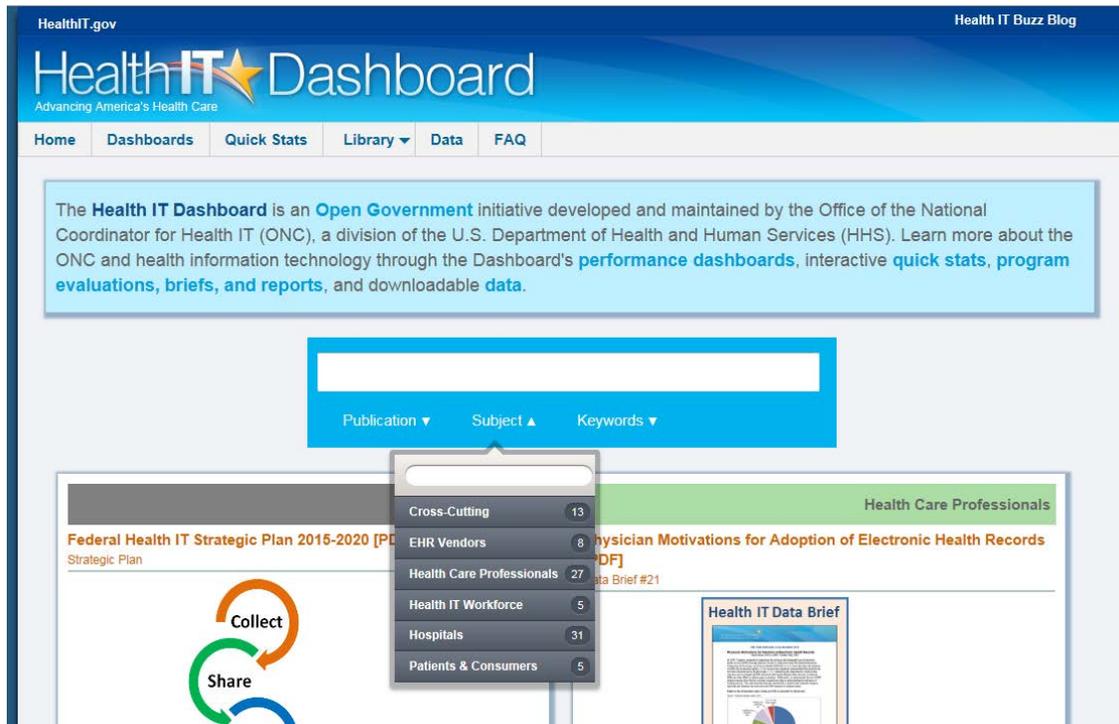


The chronic conditions available on the dashboard include:

- Alzheimer's disease, related disorders, or senile dementia
- Arthritis (including rheumatoid and osteoarthritis)
- Atrial fibrillation
- Asthma
- Autism spectrum disorders
- Cancer (breast, colorectal, lung, and prostate)
- Chronic kidney disease
- Chronic obstructive pulmonary disease (COPD)
- Depression
- Diabetes (excluding diabetic conditions related to pregnancy)
- Heart failure
- Hyperlipidemia (high cholesterol)
- Hypertension (high blood pressure)
- Ischemic heart disease
- Osteoporosis
- Schizophrenia/other psychotic disorders
- Stroke/transient ischemic attack

## HEALTH IT DASHBOARD

Health IT Dashboard is a data science initiative by the U.S. Department of Health and Human Services. The site, <http://dashboard.healthit.gov/index.php>, provides performance dashboards about health information technology.



Multiple performance dashboards, interactive short reports, downloadable data, and more can be accessed at the site. Major subject areas include:

- Cross-cutting
- EHR vendors
- Health care professionals
- Health IT workforce
- Hospitals
- Patients and consumers

From the site, an 8-page Health IT State Summary with 106 measures can be generated. Helpful hint: Oklahoma is listed under southern states.

## MILLION HEARTS® CLINICAL QUALITY MEASURES DASHBOARD

As stated on the website [http://millionhearts.hhs.gov/aboutmh/cqm\\_dashboard.html](http://millionhearts.hhs.gov/aboutmh/cqm_dashboard.html), the Million Hearts® Clinical Quality Measures Dashboard displays cardiovascular disease-related measures from quality reporting initiatives focused on the Million Hearts® ABCS (Aspirin when appropriate, Blood pressure control, Cholesterol management, and Smoking cessation). The dashboard provides a geographical view by quality reporting system and year.

The screenshot shows the Million Hearts Clinical Quality Measures Dashboard. The page has a navigation bar with links for Home, Text Size (A A A), Español, and a search box. Below the navigation bar are several menu items: About Heart Disease & Stroke, Be One in a Million Hearts®, Resources, Stay Connected, and News & Events. There are also links for Overview, Achieving Goals, Partners, Become a Partner, Innovations, Hypertension Control, Champions, and Logo Guidelines. The main content area is titled "The Initiative" and "Clinical Quality Measures Dashboard". It includes a description of the dashboard's purpose and a link to "CQM Dashboard Documentation [PDF-640K]". Below this, there are three tabs: "Clinical Quality Measures", "Data System Demographics", and "Performance Metrics". The "Clinical Quality Measures" tab is active, showing a map of the United States with a dropdown menu for "Data System" (HRSA UDS), "Year" (2013), and "State" (Oklahoma). The map displays performance rates for "Blood Pressure Control" in Oklahoma, with a performance rate of 60%. A legend indicates that the map shows progress towards a 70% clinical target. A dropdown menu for "Clinical Quality Measure" is set to "Blood Pressure Control". At the bottom, there are links for "Variable Data Systems", "HRSA UDS - Health Resources and Services Administration Inform Data System", and "COA HEDIS - National Committee for Quality Assurance Healthcare Effectiveness Data and Information Set".

Three dashboard tabs display data in three areas:

- Clinical Quality Measures
  - Monitor national efforts to reach clinical targets
  - Compare different geographic areas including state, regional, and national averages
- Data System Demographics
  - View demographic characteristics of reported populations by selected state and compare to U.S. Census data
- Performance Metrics
  - Show relationships between performance measure rates and prevalence by state
  - View state comparisons and national averages across clinical quality measures and track over time

Helpful hint: The site provides a PDF, CQM Dashboard Documentation, with instructions on how to use the site.

## CHRONIC DISEASE INDICATORS

The Chronic Disease Indicators (CDI), <http://www.cdc.gov/cdi/>, is a set of indicators that promotes states and large metropolitan areas to uniformly define, collect, and report chronic disease data that are important to public health practice. The CDI website provides access to state-specific indicator data and facilitates comparison of data to the nation, region, and other states.

The screenshot shows the CDC Chronic Disease Indicators website. At the top, there is the CDC logo and the text "Centers for Disease Control and Prevention" with the tagline "CDC 24/7: Saving Lives, Protecting People™". A search bar is located in the top right corner. Below the header, there is a navigation menu with "CDC A-Z INDEX" and a "Home" link. The main content area is titled "Chronic Disease Indicators" and includes social media sharing options (Recommend, Tweet, Share). A paragraph of text explains that the CDIs are surveillance indicators developed by consensus among CDC, the Council of State and Territorial Epidemiologists (CSTE), and the National Association of Chronic Disease Directors (NACDD). Below this text, there are two main sections: "View All Indicators for One Location" and "View One Indicator For All Locations". The "View All Indicators for One Location" section features a dropdown menu for "Location" set to "Oklahoma" and a "GO" button, with a map of the United States below it. The "View One Indicator For All Locations" section has a "Category" dropdown menu, an "Indicator" dropdown menu, and a "GO" button. Below these sections, there is a "View Comparison Report" section with a "View Comparison Report" link and a description: "View a report that contains all indicators for the locations of your choice." At the bottom, there is a "View Indicator Definition" link.

The categories of CDI represent a wide spectrum of measures for population as well as systems and environmental indicators:

- Alcohol
- Arthritis
- Asthma
- Cancer
- Cardiovascular disease
- Chronic kidney disease
- Chronic obstructive pulmonary disease
- Diabetes
- Disability
- Immunization
- Mental health
- Nutrition, physical activity, and weight status
- Older adults
- Oral health
- Overarching conditions
- Reproductive health
- School health
- Tobacco

## HEALTHY PEOPLE 2020 INDICATORS

The Healthy People 2020, <http://www.healthypeople.gov/>, provides a compendium of science-based, 10-yr objectives for improving the health of Americans. Healthy People 2020 establishes national benchmarks, data indicators, and methods to measure progress. In all, there are 42 topic areas with 1,200 objectives. A smaller set of leading health indicators were selected to community high-priority health issues.

**Search HP2020 Objective Data by:**

Topic Area Data Source

Select one or more Topic Areas to begin.

**Objective Filters**

- Topic Areas (0 Selected)
- Data Sources (0 Selected)
- Sex (0 Selected)
- Age Group (0 Selected)
- Setting (0 Selected)
- Population Group (0 Selected)
- Intervention Agent (0 Selected)
- Prevention Areas (0 Selected)
- Type of Health Condition (0 Selected)
- LHI
- Measurable Objectives

**Customize Display**

Show Confidence Interval (if available)  Show Standard Error (if available) **Hide Populations ▲**

**Display All Populations**

<input checked="" type="checkbox"/> Total	<input checked="" type="checkbox"/> Educational attainment	<input checked="" type="checkbox"/> Disability status	<input checked="" type="checkbox"/> Marital status
<input checked="" type="checkbox"/> Sex	<input checked="" type="checkbox"/> Family income	<input checked="" type="checkbox"/> Geographic location	<input type="checkbox"/> Student/school characteristics
<input checked="" type="checkbox"/> Race/Ethnicity	<input checked="" type="checkbox"/> Family type	<input checked="" type="checkbox"/> Health insurance status	<input checked="" type="checkbox"/> Gender identity
<input checked="" type="checkbox"/> Age Group	<input checked="" type="checkbox"/> Country of birth	<input checked="" type="checkbox"/> Sexual orientation	<input checked="" type="checkbox"/> All other populations

**Refresh All Population Data**

**1238 Related Objectives** [Download Search Results](#)

**Access To Health Services**

**AHS-1.1 Increase the proportion of persons with medical insurance** **LHI**

Persons with medical insurance (percent, <65 years)

2020 Baseline (year): 83.2 (2008) 2020 Target: 100 Desired Direction: ↑ Increase desired

**Display Years ▼**

The leading health indicators are:

- Access to health services
- Clinical preventive services
- Environmental quality
- Injury and violence
- Maternal, infant, and child health
- Mental health
- Nutrition, physical activity, and obesity
- Oral health
- Reproductive and sexual health
- Social determinants
- Substance abuse
- Tobacco

An easy way to find the topic of interest is to search the data using <http://www.healthypeople.gov/2020/data-search/Search-the-Data>.

## NATIONAL QUALITY FORUM QUALITY MEASURES

The National Quality Forum (NQF) has endorsed performance or quality measures for health care. The endorsement is a part of a consensus development process. The measures can be found at the NQF web site, <http://www.qualityforum.org>.

The screenshot shows the National Quality Forum website interface. At the top, there is a search bar and navigation links for 'About Us', 'News', and 'NQF Work'. Below the search bar, there are tabs for 'Measures (631)', 'Portfolios', and 'Compare'. A table lists various measures with columns for NQF number, Title, Steward, Updated date, and Status. The table includes measures such as '30-day all-cause risk-standardized mortality rate following Percutaneous Coronary Intervention (PCI) for patients with ST segment elevation myocardial infarction (STEMI) or cardiogenic shock' and '30-day all-cause risk-standardized mortality rate following percutaneous coronary intervention (PCI) for patients without ST segment elevation myocardial infarction (STEMI) and without cardiogenic shock'.

NQF#	Title	Steward	Updated	Status
0536	30-day all-cause risk-standardized mortality rate following Percutaneous Coronary Intervention (PCI) for patients with ST segment elevation myocardial infarction (STEMI) or cardiogenic shock	American College of Cardiology	Sep 07, 2014	ENDORSED
0535	30-day all-cause risk-standardized mortality rate following percutaneous coronary intervention (PCI) for patients without ST segment elevation myocardial infarction (STEMI) and without cardiogenic shock	American College of Cardiology	Sep 07, 2014	ENDORSED
2504	30-day Rehospitalizations per 1000 Medicare fee-for-service (FFS) Beneficiaries	Centers for Medicare & Medicaid Services	Dec 22, 2014	ENDORSED
0228	3-Item Care Transition Measure (CTM-3)	University of Colorado Denver Anschutz Medical Campus	Jan 06, 2015	ENDORSED
0359	Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate (IQI 11)	Agency for Healthcare Research and Quality	Jan 04, 2015	ENDORSED
0357	Abdominal Aortic Aneurysm (AAA) Repair Volume (IQI 4)	Agency for Healthcare Research and Quality	Jan 04, 2015	ENDORSED
0344	Accidental Puncture or Laceration Rate (PDI 1)	Agency for Healthcare Research and Quality	Jan 04, 2015	ENDORSED

The measures can also be found at <http://www.qualitymeasures.ahrq.gov/browse/nqf-endorsed.aspx>, a website of the Agency for Healthcare Research and Quality.

The screenshot shows the Agency for Healthcare Research and Quality (AHRQ) website. The header includes the U.S. Department of Health & Human Services logo and the AHRQ logo with the tagline 'Advancing Excellence in Health Care'. The main content area is titled 'NQF-Endorsed Measures' and provides a search interface for finding specific measures by NQF number. It also includes a 'Browse Measures' section with a date range selector and a list of endorsed measures, such as 'Abdominal aortic aneurysm (AAA) repair: mortality rate, 2012 Mar.' and 'Abdominal aortic aneurysm (AAA) repair: volume, 2012 Mar.'

## HEALTH INDICATOR WAREHOUSE

The Health Indicators Warehouse, <http://www.healthindicators.gov/>, was developed by the National Center for Health Statistics to provide a single, user-friendly, source for national, state, and community health indicators.

HEALTH INDICATORS WAREHOUSE

Search for Indicators **SEARCH**

Share

HOME INDICATORS RESOURCES ABOUT FOR DEVELOPERS

### Find Indicators

Use the filters below to narrow the list of resulting indicators.

- Chronic Disease and Conditions
  - Demographics
  - Disabilities
  - Geography
  - Health Behaviors
  - Health Care
  - Health Care Resources
- Diabetes
  - Heart Disease and Stroke
  - Kidney Disease
  - Osteoporosis
  - Respiratory Disease
  - Venous Thromboembolism (VTE)
  - Allergies

We found 28 indicators which contain: Chronic Disease and Conditions, Diabetes **Remove All Filters**

Indicator Title	HP2020 ID
Amputation among diabetics rate (per 100,000 beneficiaries)	
Blood pressure under control: adults with diabetes (percent)	D-7

The topics for which indicators are provided include:

- Chronic disease and conditions
- Demographics
- Disabilities
- Geography
- Health behaviors
- Health care
- Health care resources
- Health outcomes
- Health risk factors
- Infectious disease
- Initiative
- Injury and violence
- Maternal and infant health
- Mental health and substance abuse
- Occupational safety and health
- Oral health
- Physical environment
- Population
- Prevention through health care
- Public health infrastructure
- Social determinants of health
- Women's health