

Oregon Hospital Quality Indicators 2004

Office for Oregon Health Policy and Research
Oregon Health Policy Commission

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Goals of the Project

- **Provide public reporting of evidence-based health care quality indicators**
- **Quality reporting should inform:**
 - **Consumers** – decisions regarding hospital care
 - **Business Groups** – purchasing decisions
 - **Insurers** – contracting, pay-for-performance
 - **Providers** – quality improvement activities
- **Maximize existing resources by using readily available data**

Agency for Healthcare Research and Quality (AHRQ) Inpatient Quality Indicators

- **Developed by clinical and measurement experts based on empirical evidence**
- **Can be compared across states**
- **32 Inpatient Quality Indicators**
 - **Volume**
 - **Mortality**
 - **Utilization**
- **Data source: Hospital inpatient discharge data (billing data)**
- **Data adjusted to account for differences in patient characteristics**

Oregon Process

- **OHPR staff worked with the Quality and Transparency Workgroup of the Oregon Health Policy Commission to resolve clinical, communications, and statistics issues.**
- **Q&T Work Group included representatives of the Oregon Association of Hospitals and Health Systems (OAHHHS), Oregon Health Care Quality Corp., Oregon Health Policy Commission, and interested stakeholders.**

Clinical Indicators Working Group

Subset of 12 AHRQ Indicators Selected

Volume:

- **Abdominal aortic aneurysm**
- **Balloon angioplasty**
- **Carotid artery plaque removal**
- **Esophageal resection**
- **Heart bypass surgery**
- **Pancreatic resection**
- **Pediatric heart surgery**

Death Rate:

- **Abdominal aortic aneurysm**
- **Balloon angioplasty**
- **Heart attack**
- **Heart bypass surgery**
- **Heart failure**
- **Hip fracture**
- **Pneumonia**
- **Stroke**

Tour of the Website

Office for Oregon Health Policy and
Research

Oregon Hospital Quality Website

<http://oregon.gov/DAS/OHPPR/HQ>

Oregon Hospital Quality Indicators

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What's New

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This joint effort of the Oregon Health Policy Commission and OHPR is a first step in the public reporting of health care quality information to the citizens of Oregon.

This section is administered through the Office for Oregon Health Policy & Research.
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 Administrator

[Acknowledgements](#)

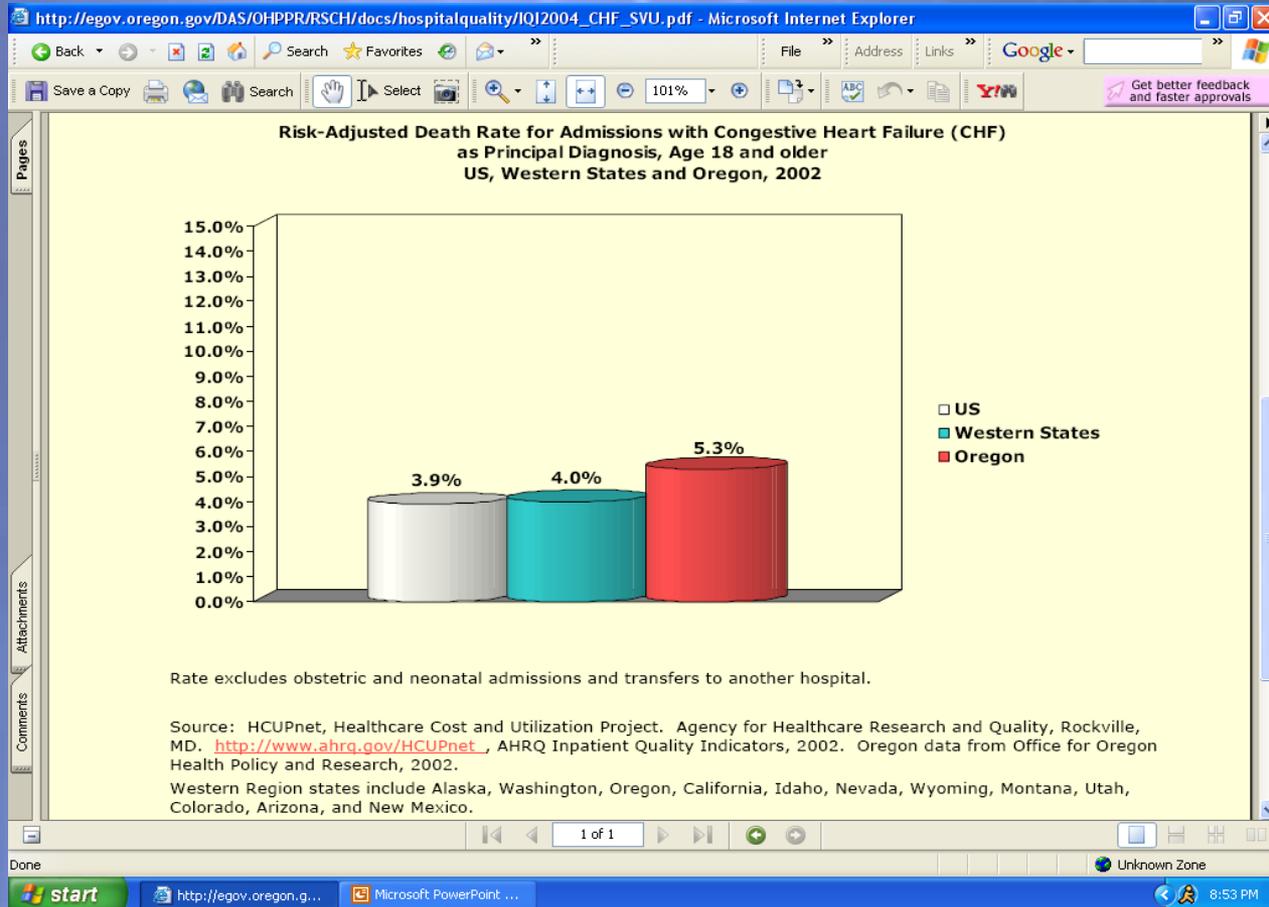
User Guide

- **The data you'll see**
- **How to read & interpret the indicator**
- **How you can use these reports**
- **Important cautions about these data**
- **A map of the Oregon regions and their hospitals**
- **Glossary of frequently used terms**

How Does Oregon Compare?

2002 National and Regional Death Rate Comparisons for Nine Indicators

(Example: Congestive Heart Failure)



Other Online Resources

Links to selected other non-commercial sources of healthcare quality information:

- PricePoint System. Oregon Association of Hospitals and Health System's website designed to allow health care consumers to receive basic, facility-specific information about Oregon hospital charges. Available at <http://www.orpricepoint.org>
- Oregon Health Care Quality Corporation. A collaborative organization bringing health care leaders and representatives of the purchasing community together in a commitment to quality and collaboration. Available at <http://www.q-corp.org>
- Leapfrog Group. Healthcare quality information organization made up of more than 170 companies and organizations that buy health care. Available at <http://www.leapfroggroup.org>
- H-CUPnet. an on-line query system that gives access to the largest set of all-payer inpatient health care databases that are publicly available. Available at <http://hcup.ahrq.gov/HCUPnet.asp>
- National Healthcare Quality Report. Agency for Healthcare Research and Quality site is based on detailed analyses of 179 measures. The purpose of the report is to track the state of health care quality for the Nation on an annual basis. Available at <http://www.qualitytools.ahrq.gov/qualityreport/>
- Hospital Compare. U.S. Health and Human Services site compares how well hospitals care for all their adult patients with certain medical conditions. Available at <http://www.hospitalcompare.hhs.gov/>

Hospital-Specific Reports

http://egov.oregon.gov/DAS/OHPPR/RSCH/docs/hospitalquality/IQI2004_CABG.pdf - Microsoft Internet Explorer

Address http://egov.oregon.gov/DAS/OHPPR/RSCH/docs/hospitalquality/IQI2004_C...

Coronary Artery Bypass Graft (CABG)

What is a Coronary Artery Bypass Graft?*

Coronary artery bypass graft (CABG) surgery creates new routes around a portion of an artery that has been narrowed or blocked by plaque buildup (atherosclerosis). The **blocked portion of the artery is bypassed** using a blood vessel taken from elsewhere in the body (usually the chest or leg). Blood is redirected through the new blood vessel, restoring blood flow to the affected portion of the heart muscle. Coronary artery bypass surgery is a common **treatment for coronary artery disease**.

See Healthwise for additional information on [CABG - Coronary Artery Disease](#) or [CABG - Heart Attack](#).

*Adapted with permission from [Healthwise®](#).

Death Rate.

The CABG death rate is the **percent of patients admitted for CABG who died in the hospital**.

However, some patients are more sick or more difficult to treat, and some hospitals admit more of these complex patients than others. Each hospital's death rate is adjusted to help account for differences in these factors, but keep in mind that the adjustment is not perfect. The **adjusted death rate** is presented in the displays that follow.

The average death rate for CABG in the United States was 2.9% in 2002. In Oregon, the death rate was 3.4% in 2004. This report uses the statewide average as the reference rate.

Margin of Error

Gray lines are displayed with each

Key Issues

- **Stakeholder involvement**
- **Audience**
- **Indicator selection**
- **Small hospitals**
- **Risk adjustment**
- **Reference population**
- **Confidence intervals**
- **Definitional issues**
- **Hospital review and comment**