

What is heart bypass surgery (CABG)?*

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). Coronary artery bypass surgery is a common treatment for coronary artery disease. The blocked portion of the artery is bypassed using a blood vessel taken from elsewhere in the body (usually the chest or leg). See Healthwise for additional information on [CABG Surgery](#).

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Summary display

The following display shows the death rate for each hospital. Each hospital is compared to the state death rate. If the death rate is significantly lower than the state death rate, the hospital is displayed as "Better than Average". If the death rate is not significantly different from the state death rate, the hospital is displayed as "Average". If the death rate is significantly higher than the state death rate, the hospital is displayed as "Worse than Average." Hospitals with less than 30 cases are displayed as "Too few cases". Hospitals with no cases are displayed as "No Cases". Within each category, hospitals are listed in alphabetical order, not order of performance.

Heart bypass surgery death rate, 2007

State death rate: 2.3%

Better than Average

N/A

Average

Good Samaritan Regional Med Ctr (Corvallis)
Legacy Good Samaritan Hospital and Med Ctr
McKenzie-Willamette Medical Center
OHSU Hospital
Providence Portland Medical Center
Providence St. Vincent Medical Center
Rogue Valley Medical Center
Sacred Heart Medical Center
Salem Hospital
St. Charles Medical Center (Bend)
Tuality Healthcare

Worse than Average

Legacy Emanuel Hospital

Too Few Cases

Providence Medford Medical Center

No Cases

Adventist Medical Center	Pioneer Memorial Hospital (Heppner)
Ashland Community Hospital	Pioneer Memorial Hospital (Prineville)
Bay Area Hospital	Providence Hood River Memorial Hospital
Blue Mountain Hospital	Providence Milwaukie Hospital
Columbia Memorial Hospital	Providence Newberg Hospital
Coquille Valley Hospital	Providence Seaside Hospital
Cottage Grove Hospital	Samaritan Albany General Hospital
Curry General Hospital	Samaritan Lebanon Community Hospital
Good Shepherd Medical Center	Samaritan North Lincoln Hospital
Grande Ronde Hospital	Samaritan Pacific Communities Hospital
Harney District	Santiam Memorial Hospital
Holy Rosary Medical Center	Silverton Hospital
Kaiser Sunnyside Medical Center	Southern Coos Hospital and Health Center
Lake District	St. Anthony Hospital
Legacy Meridian Park Hospital	St. Charles Medical Center (Redmond)
Legacy Mt. Hood Medical Center	St. Elizabeth Health Services
Lower Umpqua Hospital	Three Rivers Community Hospital
Mercy Medical Center	Tillamook County General Hospital
Merle West Medical Center	Wallowa Memorial Hospital
Mid-Columbia Medical Center	West Valley Community Hospital
Mountain View Hospital	Willamette Falls Hospital
Peace Harbor Hospital	Willamette Valley Medical Center

Detailed hospital comparisons

[Detailed hospital comparisons](#)

Technical documents

[Technical documents](#)

Hospital comments

[Hospital comments](#)

Detailed hospital comparisons**What do these indicators mean?**

Volume. The number of patients who had a heart bypass surgery or coronary artery bypass graft (CABG) is displayed as the volume. Heart bypass surgery is highly specialized, and staff at hospitals that perform more of these surgeries may be more familiar with possible complications that can occur. Therefore, performing more of these surgeries may lead to better outcomes. Volume is not a direct measure of the quality of care, but is useful in gauging how much experience a particular hospital has for this procedure.

Research indicates that performing at least 200 surgeries per year may lead to better patient outcomes. In Oregon, seven hospitals performed 200 or more.

Death Rate. The heart bypass surgery death rate is the percent of patients admitted for heart bypass surgery who died in the hospital. Nationally in 2004 (the most recent national data), the in-hospital death rate for heart bypass surgery was 2.8%¹. In Oregon, the death rate was 2.3% in 2007. This report uses the statewide average as the reference rate.

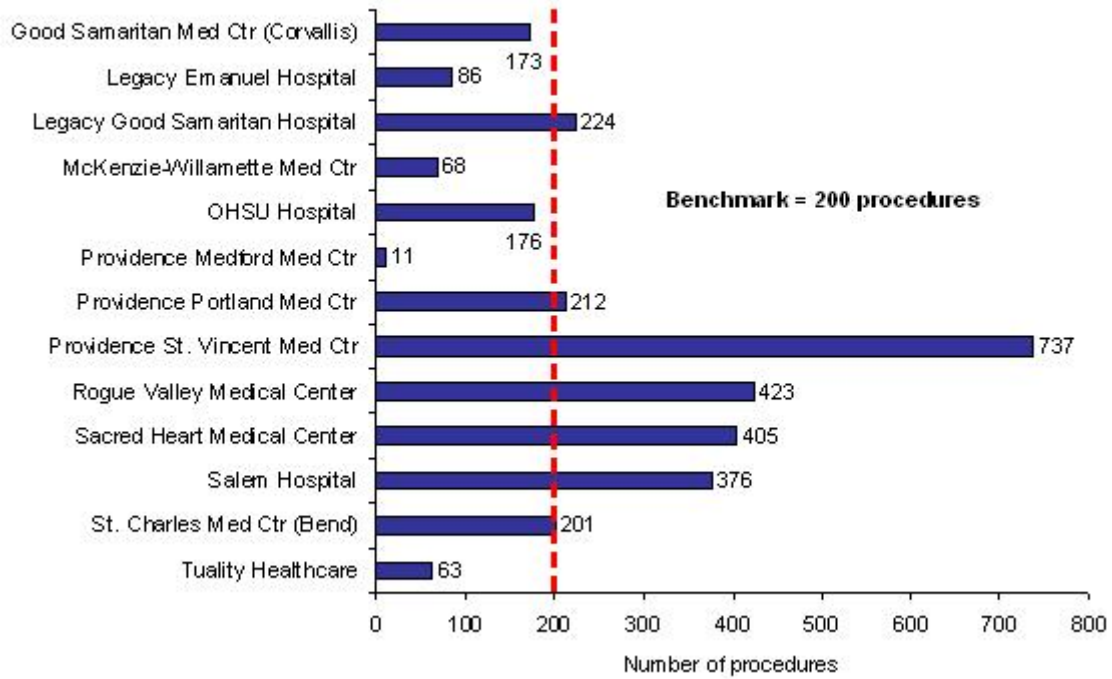
Each hospital rate is displayed as a point on a line in the graphs displayed at the end of this document. These lines represent the amount of random variation in the data. If the hospital line crosses the dotted line representing the state average, the hospital rate is “within the margin of error” and therefore not statistically different than the state average.

- Number of heart bypass surgery in patients appears in parentheses. Hospitals not shown admitted fewer than 30 heart bypass surgery patients in 2007.
- Rates have been adjusted for age, sex, and risk of death
- Applies to adults 18 years of age and older.
- See [Technical Documentation](#) for more detail
- According to the Agency for Healthcare Research and Quality, lower rates may represent better quality.

Only Legacy Emanuel Hospital had a death rate that was statistically higher than the state average. No hospitals had death rates that were statistically lower than the state average.

¹ Healthcare Cost and Utilization Project, Trends in Hospital Risk-Adjusted Mortality for Select Diagnoses and Procedures, 1994-2004. Access on October 24, 2007 from <http://www.hcup-us.ahrq.gov/reports/statbriefs/sb38.pdf>

Heart Bypass (CABG) Surgery Volume (IQI 5)



Heart Bypass Surgery (CABG) Death Rate (IQI12)

