Regional Variation in Effective Care

Percent of Diabetic Members Aged 18-64 Having LDL-C Test Performed
Measurement Period: 7/1/2004-6/30/2005
PCP – HEDIS Diabetic HbA1c Testing

- Percent of providers within performance group

![Histogram showing distribution of HbA1c testing across providers. The x-axis represents different percentage ranges, and the y-axis represents the percent of providers. The median is indicated by a red line.](image-url)
Provider-Level Variation
Cardiology – Effective Care (CAD Gap Score)

Coronary Artery Disease Gap in Care Score
Provider Performance and Confidence Intervals (July 2004 - June 2005)

Mean CAD Gap Score

Provider Rank
Cardiology Results

- There is no correlation between delivery of effective care and efficiency performance (supply sensitive cost).
- Comparison of provider performance is revealing.

Cardiology - Total Effective Care Score vs. Cardiac Testing Cost

Provider A
- 130 patients
- Mean age 57.3
- 62% Male
- Panel Risk Score 1.05

Provider B
- 200 patients
- Mean age 58.0
- 65% Male
- Panel Risk Score 1.09

$R^2 = 0.0001$