

**Coronary Artery Bypass Graft (CABG) Surgery
Risk-Adjusted Mortality by State CON Regulation Status
Medicare Beneficiaries (65 years of age or older)
1994 - 1999**

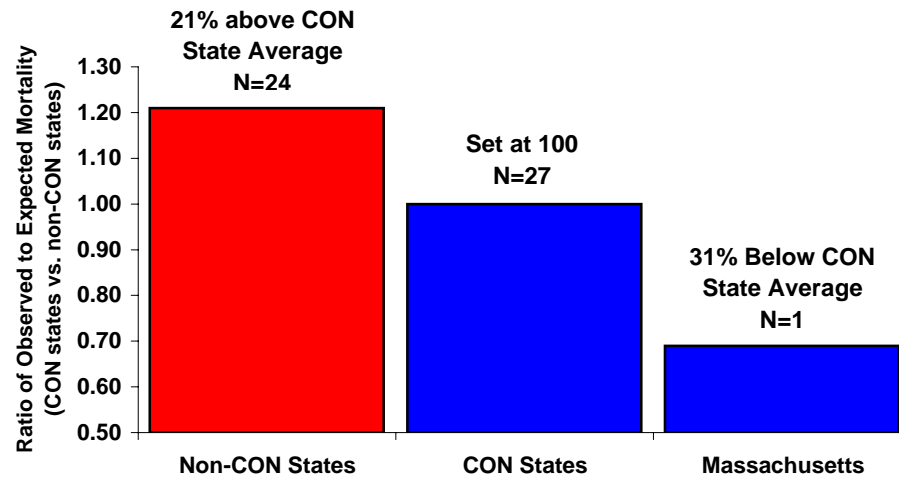
Massachusetts

Observed to Predicted Mortality Ratio

CON States	1.00
Non-CON States	1.21
Massachusetts	0.69
Medicare Beneficiaries	826,440
Medicare CABG Procedures	17,597
CABG Surgery Programs	13
Mean Annual Program Volume (Medicare)	249
Mean Annual Procedure Rate	3.55
O/P Mortality Ratio	0.69

State Ranking

Program Volume (Mean = 249)	9th
Use Rate (3.55 per 1,000 Beneficiaries)	8th
O/P Mortality (0.69; Range 0.63 - 1.45)	2nd



Source: Vaughan-Sarrazin,MS,Hannan,EL,Gormley,CJ,Rosenthal,GE. "Mortality in Medicare Beneficiaries Following Coronary Artery Bypass Graft Surgery in States with and without Certificate of Need Regulation," *JAMA*, Vol. 288 No. 15, October 16, 2002, 1859 - 1866.