**Friday, June 3**

**Training Course in MCH Epidemiology**

**Minneapolis, MN May 31-June4, 2011**

1. The proportion of births to women who entered prenatal care in the 1st trimester in a certain area was 0.86 and the state goal for this indicator is 0.90. Based on the following calculations, has the Healthy People Objective been met for this area?



**p< 0.01**

1. In 2004, County A had 250 live births, with 10.4% of these being born at low birthweight (< 2500 grams). In the same year, County B had 1200 live births, with 7.0% being born at low birthweight.
2. Display the birthweight information you have for County A and County B in the form of a 2 x 2 table.

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You know the following pieces of information:

1. A statistical test of the difference between the low birthweight rates in the two counties resulted in a p-value of 0.07
2. The 95% CI for the lbw rate in County A = 0.066, 0.142
3. The 95% CI for lbw rate in County B = 0.056, 0.084
4. Recall that the *Healthy People* objective for low birthweight is 5%
5. If you were in charge of giving out dollars for prevention programming, how would you allocate funds to the two counties—would you give the same or different amounts per capita? How would you incorporate the statistical information above into your decision? How would you incorporate other factors (e.g. economic, political) into your decision?