Reviewer’s report

Title: Factors associated with Institutional Delivery among Mothers in Bahir Dar City Administration, Amhara Region: A community based cross sectional study

Version: 2 Date: 31 October 2013

Reviewer: Bolajoko O. Olusanya

Reviewer’s report:

GENERAL
This cross-sectional study is of interest as it was conducted in Ethiopia which has one of the highest rates of non-institutional deliveries without skilled birth attendants in sub-Saharan Africa. Although the rationale for the study was clearly presented, unfortunately the study population was substantially skewed towards urban dwellers who constituted 80% in contrast to the national rate of 12.7%. Even though the study is presented as community-based it is difficult to generalize the result findings to the entire population. The entire manuscript in its current form requires thorough editing for language and grammar.

MAJOR COMPULSORY REVISIONS

ABSTRACT
It is necessary to provide an overview of the differences between the urban and rural respondents before presenting the predictors of institutional delivery among all the respondents. For instance, it is misleading to just mention the overall prevalence of 78.8% without reference to the 83.4% urban respondents.

METHODS
The authors need to clearly specify how the potential confounders were determined and which ones were included in the logistic regression model to arrive at the final predictors.

Why wasn’t the final model assessed for goodness-of-fit (e.g. Hosmer-Lemeshow test)?

CONCLUSIONS
This section needs re-writing to reflect the inferences from the discussion of the results for policy intervention rather than restating the results.

MINOR ESSENTIAL REVISIONS

RESULTS
Page 7, Results section, line 4: The statement: 'Majority (83.4%) of respondents were rural mothers', is incorrect. Streamline with the values on Tables 1&3.
Tables 3 & 4 should be re-titled to reflect the fact that the logistic regression model was set up to determine factors associated with institutional delivery rather than “place of delivery”.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Not suitable for publication unless extensively edited

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests