Reviewer's report

Title: Prevalence of Anemia among Under-5 Children in the Ghanaian Population: Estimates from the Ghana Demographic and Health Survey

Version: 5  
Date: 12 May 2014

Reviewer: Sudhir Venkatesan

Reviewer's report:

While the authors have addressed the MCR, MERs around consistent use of terminology have still not been sufficiently addressed.

Minor Essential Revisions

1. MERs from previous review that have not fully been addressed:
   (i) Birth weight has been described as "Large, average and small" in the 'Statistical analysis' section but appear as "Large, normal and small" in Table 1. Also, exact measurements for each of these categories have not been presented (i.e. Large=xx g, Average=yy g and Small=zz g).
   (ii) Presence of infection has once again been referred to as "comorbidity diseases" in various parts of the manuscript (in the results section, in Table 1).

2. 'Statistical analysis' line 1: 'haemoglobin' spelt using the British spelling but the American spelling has been used in the rest of the manuscript.

3. 'Discussion' section, paragraph 7: ".....population level prevalence of childhood anemia for under-five children is 57% [28], which is much SMALLER than what is observed in our analysis ....". Please consider using "lower" than "smaller".

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

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.