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Non-institutional childbirths and the associated socio-demographic factors in Gambella regional state, Ethiopia

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The decades-long global efforts to reduce maternal morbidity and mortality have shown overall progress, but most developing countries are still lagging significantly. This study aimed to assess the prevalence of non-institutional childbirths in the Gambella State and to identify sociodemographic factors responsible for non-institutional utilization of available birth services by reproductive- aged mothers. A community-based cross-sectional study design was adopted using a multi-stage random sampling technique. Binary logistic regression was used to identify factors associated with the selected place of birth. Epi Data version 3.1 and SPSS version 13.0 were applied for data entry and analyses. All the 657 eligible mothers recruited for this study responded to the interview.

71% of the total respondents had non-institutional childbirths (NICB), and the rest had their most recent childbirth in an institution with skilled healthcare provider's assistance. Socio-demographic factors were significantly associated with NICB. Nuer (AOR = 2.12, 95%

CI: 1.23–3.63) and Majang ethnic (AOR = 1.98, 95% CI: 1.02–3.83) groups had higher rates of NICB than the rest of the study population. The prevalence of non-institutional childbirths in Gambella remained two times higher than the institutional childbirths.

Biography

Gnkambo A Gora hold M.S.C degrees in epidemiology and biostatistics from Xian Jiaotong University School of Public Health in China. He had registered professional chief epidemiology and biostatistics in Addis Ababa, Ethiopia. He has more than ten years of experience in public health. He has worked in different health institutions in Gambella Regional State and joined WHO from January 1/2011 -November 30/2014. During this tenure at World Health Organization, I was very dedicated and committed to upholding the values and furthering the World Health Organization's mission toward eradicating Guinea worm disease. I also joined the Africa Union's extensive mission (A.U.) so call Africa union support for Ebola outbreak in West Africa (ASEOWA) mission from 2014 to the end of 2015 to respond to Ebola emergency and disease outbreak. Currently, He is working for Gambella Regional Health Bureau as Health Service Quality and Health System Strengthening Directorate Director.

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