

Review Form 3

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_123203
Title of the Manuscript:	Study on Trend of Immunization Coverage in Mutum Biyu Ward "B" From 2016-2019 in Gassol Local Government Area, Taraba State.
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript will contribute to the scholarly community by establishing a connection between trend variability and specific interventions and contextualization of factors such as the impact of COVID-19, stockouts, barriers to accessing immunization services, and the increase in hospital births, which subsequently led to a rise in BCG uptake</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The author should ensure the proper use of immunization and vaccination terminologies throughout the manuscript. Additionally, the inclusion of the specific country, such as Nigeria, is necessary for title clarity.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>		
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The subsections and overall structure of the manuscript are generally appropriate; however, the methodology section requires significant improvement. The author should provide a more detailed explanation of data management, including how data were extracted, analysed, and presented.</p> <p>Additionally, the recommendations section is too generalized. The author should clearly outline localized interventions specific to Mutum Biyu Ward "B" to sustain immunization services, such as utilizing geo-mapping to identify and map communities.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>As a quantitative, cross-sectional study, the author should appropriately use proportions (coverage) to describe the population. Furthermore, the manuscript should clearly outline the inclusion and exclusion criteria, as well as define the dependent and independent variables of the study. It is also essential for the author to include a well-defined problem statement and clearly state the objectives of the study to provide better context and focus for the manuscript</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>		

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language need improvements as to reflect the immunization and vaccination context</p>	
<p><u>Optional/General</u> comments</p>	<p>1. The author should consider including DTP 1 and DTP 3 vaccines as proxy antigens to measure the accessibility and utilization of vaccination services. These vaccines are widely recognized indicators, with DTP 1 representing initial access to immunization services and DTP 3 reflecting the ability to sustain utilization over time. Their inclusion will provide valuable insights into both the reach and continuity of immunization efforts within the population.</p> <p>2. Standardized Terminology Usage: To align with immunization context, ensure that key terms such as "coverage," "target population," and "vaccinated population" are used appropriately and consistently throughout the article. For example, "coverage" should refer to a percentage, while "vaccinated" refers to the absolute number of children who received vaccines.</p> <p>3. Time Span: Expanding the study period beyond 2016-2019 could provide a more comprehensive understanding of immunization trends and the long-term impacts of public health interventions, especially if more recent in yearly/monthly (preferrable) data is available. Using monthly data will provide a chance for author to calculate the cumulative difference using one year as a baseline</p> <p>4. Visual Enhancements: The graphs (Figures 1-4) could benefit from more detailed annotations or explanations to help readers understand key trends at a glance. Including error bars or confidence intervals would also provide a clearer picture of data variability.</p> <p>5. Contextualizing Interventions: While the article mentions health interventions, it would be useful to provide more specific information about the types of public health initiatives or campaigns that contributed to the peaks in immunization coverage.</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes. Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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<p>Department, University & Country</p>	<p>Tanzania</p>