

Terms of Reference

STATISTICIAN

Background

Malaria Consortium is an international organisation working primarily in Africa and Asia on communicable disease control. Working closely with ministries of health, academic institutions and a range of partners, Malaria Consortium is involved in all aspects of malaria control from policy and strategy development to implementation, monitoring and evaluation and operational research. Malaria Consortium also works on the control of other communicable diseases, including tuberculosis, diarrhoea and neglected tropical diseases.

In collaboration with Abt Associates and working with in-country stakeholders, Malaria Consortium will support the development/updating of the national insecticide resistance management (IRM) plan for Ethiopia, within the PMI VectorLink project funded by PMI/USAID.

Primary role

To collate, organise, clean and analyse relevant data required for the development of Ethiopia's IRM plan, including but not limited to entomological, vector control coverage, epidemiological, demographic, and climatic variables.

Specific activities

The consultant will:

- Support other consultants to collate geo-referenced data on entomological, vector control coverage, epidemiological, demographic, climatic, and other variables relevant to the IRM plan.
- Using Stata, organise the data systematically, clean and prepare them for analysis and mapping.
- Develop an analysis plan in consultation with Malaria Consortium's point of contact and other consultants (entomologist and geographic information system specialist).
- Analyse the data and prepare the results for use in GIS maps and the development of Ethiopia's IRM plan.
- Write a report summarising the methods and findings of the analyses.

Expected outputs

- Cleaned data organised systematically in various files with descriptions of each dataset and appropriately labelled variables.
- All analysis outputs with notes in Stata files, and all analysis steps as Stata do-files.
- A brief report summarising methods used, major findings and recommendations.

Reporting

The consultant will report to Malaria Consortium Ethiopia's Country Director and Malaria Consortium's Senior Technical Specialist – Disease Prevention.

Total number of contract days

10 working days.