

Insecticide-treated net (ITN) distribution channel selection toolkit

Step 4: Consider macrolevel ITN needs for delivery channels and revise strategy

Objective

- Estimate the macrolevel (i.e. total) ITN needs required to achieve the targets for each population group.
- Explore how the set of operationally-ready delivery channels can be combined for each population group to best meet ITN needs, considering channel costs and available financing for ITN distribution.

Guidance

- Use existing, costed optimized operational plans (COOPs), historical ITN distribution data, and/or the [ITN quantification website](#) to calculate annual ITN needs for different channel combinations and population groups.
- For mass campaign strategies that are considering an alternative to the 1.8 quantification factor, use the [ITN allocation strategy website](#) to explore alternative ITN allocations and compare ITN needs and expected coverage outcomes.
- Indicative costs for selected channels are available in the published literature, but NMPs will need to assess channel costs locally, considering the contribution from different domestic and international resources.
- Consider the total ITN needs and costs in the context of actual or projected resource envelopes. Further prioritize populations and delivery channels within available resources, if necessary.
- Revise the set of feasible channels in the strategy matrix to reflect viable delivery channel combinations within available resources, ensuring coverage is maintained between campaigns and that at least one continuous distribution channel is included.
- Document any assumptions or limitations in the decision-making process (e.g. data quality, resource uncertainty, costing).
- NMPs can [contact AMP](#) for support on macro quantification and costing if needed.

Expected outputs

- Estimated ITN quantification to achieve targets for identified population groups
- Proposed channel mix for each population group that meets available resources
- Accompanying documentation on the data used and discussions held during Step 4