

Cost-Effectiveness of ITN Distribution — Nigeria (2021 NMIS)

Executive Dashboard

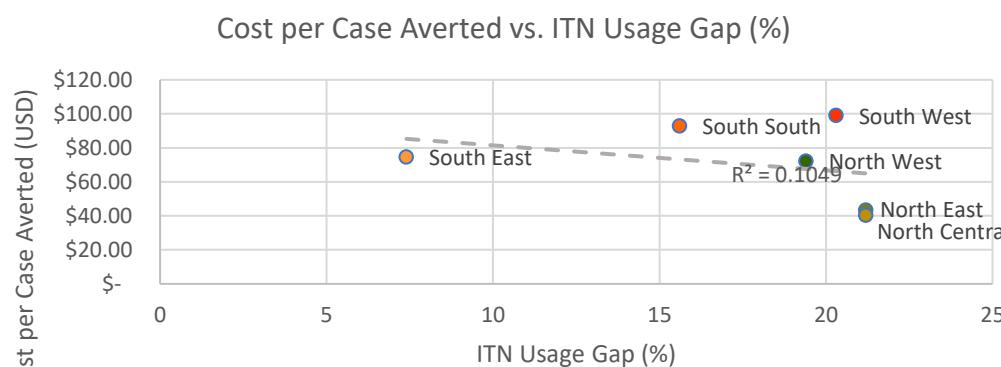
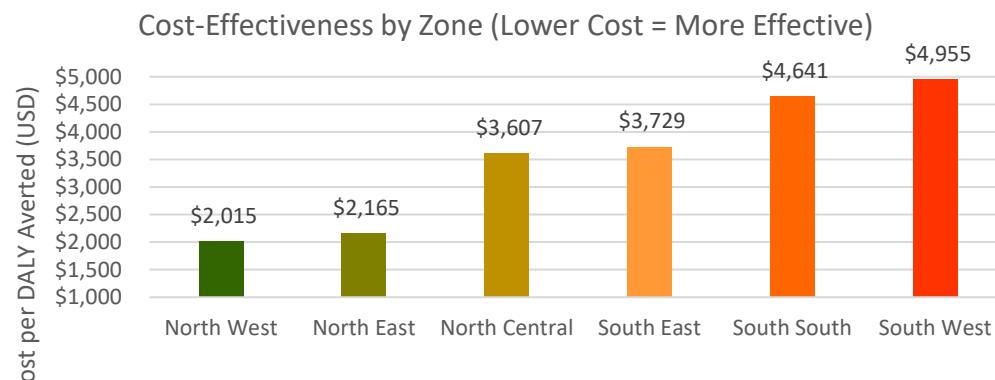
Average Cost per DALY Averted
\$3098

Average Cost per Case Averted
\$62

Total DALYs Averted
≈27,520

Most Cost-Effective Zone
North West

Average Usage Gap
≈17.6%



Key Insights & Program Implications

High adoption drives cost-efficiency: Northern zones (North West, North East) achieve the lowest cost per DALY averted due to strong ITN usage and campaign reach.

Behavioral barriers reduce impact: Southern zones (South West, South East) show higher ownership–usage gaps, often linked to heat, comfort, or perceived low malaria risk.

Future focus: Integrating behavior-change communication and net maintenance programs in low-usage areas could yield the greatest marginal gains.

Program recommendation: Maintain net distribution coverage while reallocating part of resources to community engagement and replacement of worn nets.