

Data Extraction Form

Study characteristics (Study reference)
DESIGN
Lead Author
Publication year
Time period study was conducted
Design
Method of Randomization/ matching or other
Unit of allocation
Number of units
Adjustment for clustering
Outcomes assessed
SETTING
Country
Site/s (town/settlements/region)
Seasonality of transmission
Level of transmission
Study site (e.g., rural/ urban/ peri-urban/ level of urbanicity)
Vector species and vector profile details (i.e., behaviours, resistance profile, parity, sporozoite rates and all other reported information)
Malaria species
PARTICIPANTS (those who received the intervention and on whom impact was measured)
Total trial participants in each group/arm (including number of exclusions and reasons)
Number of clusters per group/arm
Participants who received the intervention (if provided) and participants on whom the impact was measured
Recruitment method
Recruitment rates
Eligibility criteria
Characteristics and Demographics (age, sex, ethnicity, SES, time as resident, and all other reported demographics)
Frequency of travel in the last month
Cluster details including buffer sizes between

clusters, other indication of dilution effects
INTERVENTION and COMPARISON
Insecticide brand, type, formulation (including active ingredient), dose, duration (this includes timing and frequency of application)
Insecticide application method(s) and strategy e.g., spray, paint, treated materials, wallpaper)
Personnel applying the intervention
Target area (inside/outside)
Coverage of household (full, selective/partial)
Coverage across cluster/site/jurisdiction
Length of intervention, including number of rounds of spraying/application per year/ season
Type of dwelling (e.g., fixed or temporary) and construction material of surfaces insecticides applied to (e.g., cement, brick or mud walls, canvas etc)
Time to start intervention after index case
Human behaviour (e.g., sleeping behaviour, re-plastering of houses)
Details of Comparison
How intervention and comparison was measured
Coverage across cluster/site/jurisdiction for the comparison
Background interventions (all reported in primary study – e.g., spraying prior to treatment period and other malaria or vector-specific control interventions [indoor

surface treatment, nets/ other insecticides/ barrier], cointerventions, treatment of individuals that may impact outcome)
Costs
Resources needed/ used
OUTCOME X (repeat as necessary for each outcome)
Name / Definition
Assessment Metric
Events
Total (or unit time)
Time of outcome assessment
Results (i.e., main results – epidemiological and/ or entomological, unadjusted and adjusted, secondary outcomes, subgroups, and clusters)
Effect type
Unintended benefits
Harms
ADDITIONAL DATA
Other contextual information present/measured/reported) (feasibility, acceptability, preferences/values, impact on equity)
Entomological outcomes measured (list)
Other
Source of funding
Possible conflicts of interest

