Literature search: 102 records (36 grey literature/hand searches; 66 journal databases)

Title/abstract screening: 89 records

13 duplicates removed

41 rejected:
- No use of GIS or spatial analysis = 13
- No outcomes reported for 0-5y = 13
- No anaemia or malaria data = 14
- Animal study = 1

Full text screening: 48 records

24 rejected:
- No use of GIS or spatial analysis = 6
- No outcomes reported for 0-5y = 10
- No anaemia or malaria data = 8

Data extraction: 24 records

4 rejected:
- No use of GIS or spatial analysis = 1
- No outcomes reported for 0-5y = 2
- No anaemia or malaria data = 1

Quality assessment & data synthesis: 20 records