NATIONAL MALARIA CONTROL PROGRAMME INDICATORS

	INDICATOR	DEFINITION
	Impact Indicators	
1	Reported malaria cases - presumed and confirmed	**Numerator:** Number of reported malaria cases (presumed and confirmed**)** **Denominator:** Estimated national Mid-year population x 1000
2	Confirmed malaria cases (microscopy or RDT) per 1000 persons per year	**Numerator:** Number of confirmed malaria cases **Denominator:** Estimated national Mid-year population x 1000
3	Malaria test positivity rate	**Numerator:** number of confirmed cases **Denominator:** Number of suspected malaria cases with a parasitological test x 100
4	Parasite prevalence: Proportion of children aged 6-59 months with malaria infection	**Numerator:** Number of children aged 6-59 months with malaria infection detected by microscopy or RDT **Denominator:** Number of children aged 6-59 months tested for malaria parasites by microscopy or RDT x100
	Outcome indicators	
1	Proportion of population that slept under an insecticide-treated net the previous night	**Numerator:** Number of individuals who slept under an ITN the previous night **Denominator:**Total number of individuals who spent the previous night in surveyed households
2	Proportion of children under five years old who slept under an insecticide-treated net* the previous night	**Numerator:** Number of children under 5yrs who slept under an ITN/LLIN the previous night **Denominator:** Total number of children under 5yrs who spent the previous night in surveyed households
3	Proportion of pregnant women who slept under an insecticide-treated net the previous night	**Numerator:** Number of pregnant women who slept under an ITN the previous night **Denominator:**Total number of pregnant women within surveyed households
4	Proportion of population using an insecticide-treated net* among the population with access to an insecticide-treated net	**Numerator:** Number of individuals who slept under an ITN the previous night **Denominator:** Number of individuals with access to an insecticide-treated net
5	Proportion of households with at least one insecticide-treated net for every two people	**Numerator:** Number of households with at least one ITN for every two people **Denominator:** Number of households surveyed

	INDICATOR	DEFINITION
	Coverage Indicators	
1	Number of long-lasting insecticidal nets distributed to at-risk populations through mass campaigns	The 2017 population of Sierra Leone is 7,535,727. Using WHO recommended calculation of two persons for one LLIN, it is estimated that there will be a total need of 4,186,515 LLINs (7535727/1.8). This indicator will be reported in the second semester of 2017
2	Number of long-lasting insecticidal nets distributed to targeted risk groups through continuous distribution	Routine total LLINs to be distributed are the sum of LLINs distributed through the 2 channels**.**
3	Proportion of suspected malaria cases that receive a parasitological test at public sector health facilities	**Numerator:** number of suspected malaria cases that received parasitological test (using RDTs and microscopy). **Denominator:** all suspected malaria cases
4	Proportion of suspected malaria cases that receive a parasitological test in the community	**Numerator:** number of suspected malaria cases that received parasitological test using RDTs**. Denominator:** all suspected malaria cases
5	Proportion of confirmed malaria cases that received first-line antimalarial treatment according to national policy at public sector health facilities	**Numerator:** number of people five years and above with confirmed malaria cases who received treatment with ACTs according to national policy at health facility **Denominator:** number of confirmed malaria cases in people five years and above at health facility
6	Proportion of confirmed malaria cases that received first-line antimalarial treatment according to national policy in the community	**Numerator:** number of people five years and above with confirmed malaria cases who received treatment with ACTs according to national policy at community. **Denominator:** number of confirmed malaria cases in people five years and above at community.
7	Proportion of health facilities without stock-outs of key commodities during the reporting period	**Numerator:** Number of health facilities with no reported stock-outs of RDTs s at any time during the reporting period**. Denominator:** Total number of health facilities expected to report.
8	CM-3a: Proportion of estimated malaria cases (presumed and confirmed) that received first line anti-malarial treatment at public sector health facilities	**Numerator**: number of malaria cases (presumed and confirmed) that received first-line anti-malarial treatment at public sector health facilities. **Denominator:** number of estimated malaria cases at public sector health facilities
9	SPI-1: Proportion of pregnant women attending antenatal clinics who received three or more doses of intermittent preventive treatment (IPTp) for malaria	**Numerator:** number of pregnant women attending antenatal clinics who received three or more doses of Intermittent Preventive Treatment (IPTp) for malaria **Denominator:** number of first antenatal clinic visits.

10	SPI-1: Proportion of children under one year attending EPI services who received SP for intermittent preventive treatment (IPTi) for malaria	**Numerator:** number of children under one year attending EPI services who received three doses of Intermittent Preventive Treatment for infants (IPTi) **Denominator:** number of targeted children under one year.