

## Seasonal Malaria Chemoprevention in Mali

### Coverage Summary Report 2016

#### **Key messages:**

The reach of the SMC programme in Mali has been excellent, with 90% of children having received at least one cycle of SMC.

Only 33% of those issued with a card had a card available for inspection.

77% of eligible children received at least 3 cycles of SMC, and 57% received all 4 cycles.

Coverage was slightly lower at cycle 4 than the other cycles.

It is important to ensure that children too old for the SMC programme do not receive SMC, the dose is designed for children under 5 years of age, older children receiving this dose will not be fully protected. Some treatment outside the recommended age range is inevitable, but it is important this is kept to a minimum. In Mali in 2016, 53% of 6-7 year olds had received SMC, an increase on 2015.

Reported adherence to the three day course of SMC was excellent.

97% of children slept under an insecticide treated net the night before the survey.

**Key indicators 2016:**

---

Number surveyed who were eligible for all 4 SMC cycles **799**

Slept under a bednet last night **97%**

Received an SMC card **78%**

*Confirmed by card if available, otherwise from caregiver recall:*

Received at least one cycle **90%**

Received at least 3 cycles **77%**

Received all 4 cycles **57%**

Received no SMC **10%**

For those that had SMC at the last cycle, adherence to all 3 doses **97%**

---

Children 6-7yrs old who received SMC at least once **53%**

---



**Table: Key indicators of SMC Coverage – Mali 2016**

Number children 3m–7 years included	1023					
Number eligible for all 4 SMC cycles <sup>§</sup>	799					
	<b>n/N</b>	<b>%</b>	<b>95% Confidence Interval</b>			
Slept under a bednet last night	766/799	96.7	(86.5, 99.3)			
Received SMC card	594/799	77.9	(57.6, 90.2)			
Retained card if card received	212/594	33.2	(21.5, 47.4)			
Received SMC cycle 1	546/799	70.5	(53.2, 83.3)			
Received SMC cycle 2	585/799	73.4	(62.2, 82.2)			
Received SMC cycle 3	582/799	71.2	(59.8, 80.4)			
Received SMC cycle 4	520/799	62.5	(49.2, 74.1)			
	Confirmed by card if available, otherwise recall <sup>^</sup>			Maximum by card / recall		
No. of SMC cycles	<b>n/N</b>	<b>%</b>	<b>95% Confidence Interval</b>	<b>n/N</b>	<b>%</b>	<b>95% Confidence Interval</b>
0	66/799	9.9	[4.5, 20.3]	57/799	8.6	[3.6, 18.9]
1	60/799	6.7	[3.5, 12.3]	41/799	5	[2.1, 11.1]
2	123/799	13.2	[7.6, 21.9]	92/799	9.6	[4.7, 18.8]
3	165/799	20.4	[12.7, 31.1]	161/799	19.9	[11.3, 32.6]
4	385/799	49.8	[32.7, 66.9]	448/799	56.9	[37.9, 74.1]
Received no SMC*	57/799	8.6	(3.6, 18.9)			
Received at least one cycle	733/799	90.1	(79.7, 95.5)	733/799	90.1	(79.7, 95.5)
Received at least 3 cycles	550/799	70.2	(54.8, 82.1)	609/799	76.8	(59.8, 88.0)
Received all 4 cycles	385/799	49.8	(32.7, 66.9)	448/799	56.9	(37.9, 74.1)

Percentages are survey -weighted and will not equate to n/N. <sup>§</sup> aged at least 3 months at time of first cycle, and under 5 years at time of survey. \* this is confirmed as no receipt, rather than failure to indicate receipt.



Reason for missed SMC at final cycle	n	%	CI
0-Not applicable	675	81.9	(63, 92)
1-Child was living away from home	9	0.7	(0, 6)
2-Child was away at the time	17	2.7	(1, 6)
3-Child was unwell	2	0.8	(0, 5)
4-Caregiver not available	21	6.2	(1, 24)
7-Problems at distribution point	8	1.3	(0, 5)
8-The health worker did not visit the household	10	0.8	(0, 6)
9-Family refused: state reason	1	0.1	(0, 1)
10-Other reason - please specify	56	5.5	(1, 18)
Total	799	100	