

Chad Coverage Report – SMC Cycle 3 2017

Preiminary report

Notes: Survey took place between 30th October and 5th November, across 4 regions (Figure 1). A total of 703 households were visited and 72.7% (511/703) agreed to participate in the survey, the reasons for non-response (192/703) were; the inability to find someone to speak with (n=99); no children aged between 3 months and 7 years (n=73); refused to participate (n=15) and interviewers unable to access compound (n=5).

One village could not be visited in Mandelia district due to security concerns in the area, hence there were no interviews were attempted there. Overall coverage was 90%, however this hides some of the regional variability, in Chari Bguirmi, Hadjer Lamis and Mayo Kebbi est, coverage was 94%, 94% and 99% respectively, whilst N'Djamena had 82% coverage of SMC (Table 1). The most common reason given for not receiving SMC was the health worker did not visit (Table 2). There was also some variability in coverage by district (Table 5), where N'Djamena Est and Kouno Nord reported the lowest coverage of 73% and 78% respectively. Coverage of SMC amongst older children (aged 6 or more) and was 63% overall (Table 6).

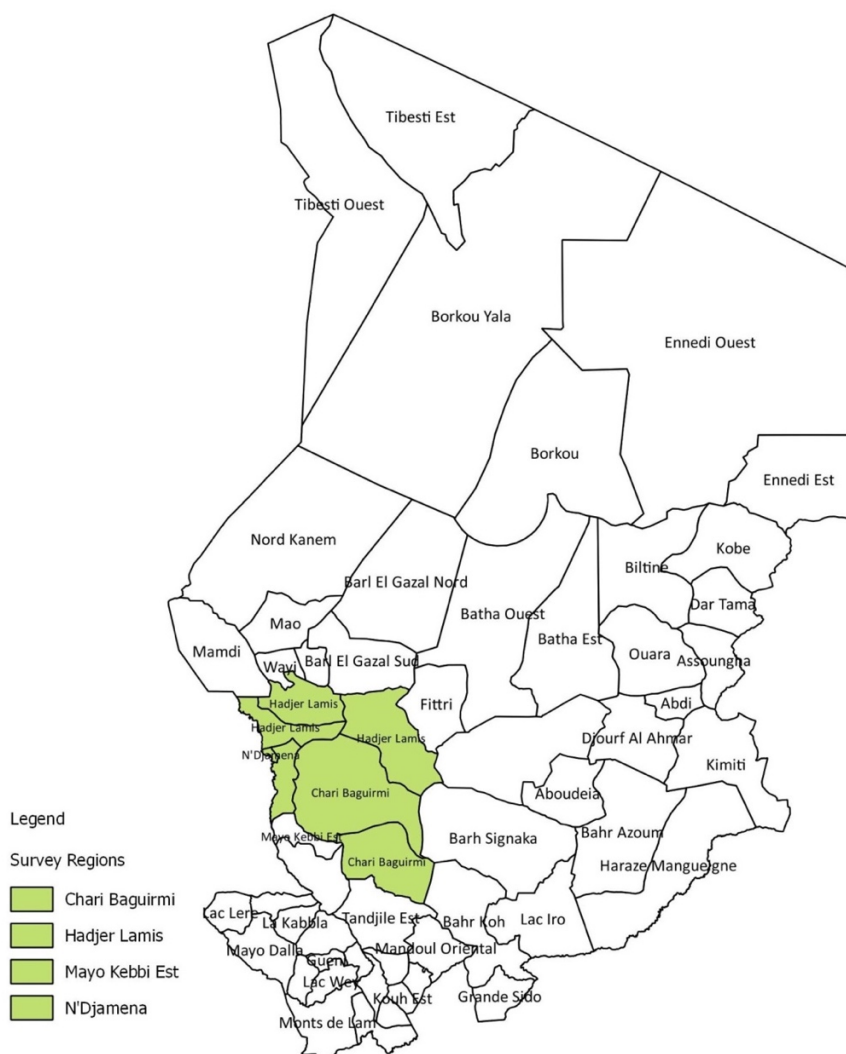


Figure 1 : Chad Regions where coverage surveys took place.

Figure 2: Where did you hear about the date when health workers would come for SMC?

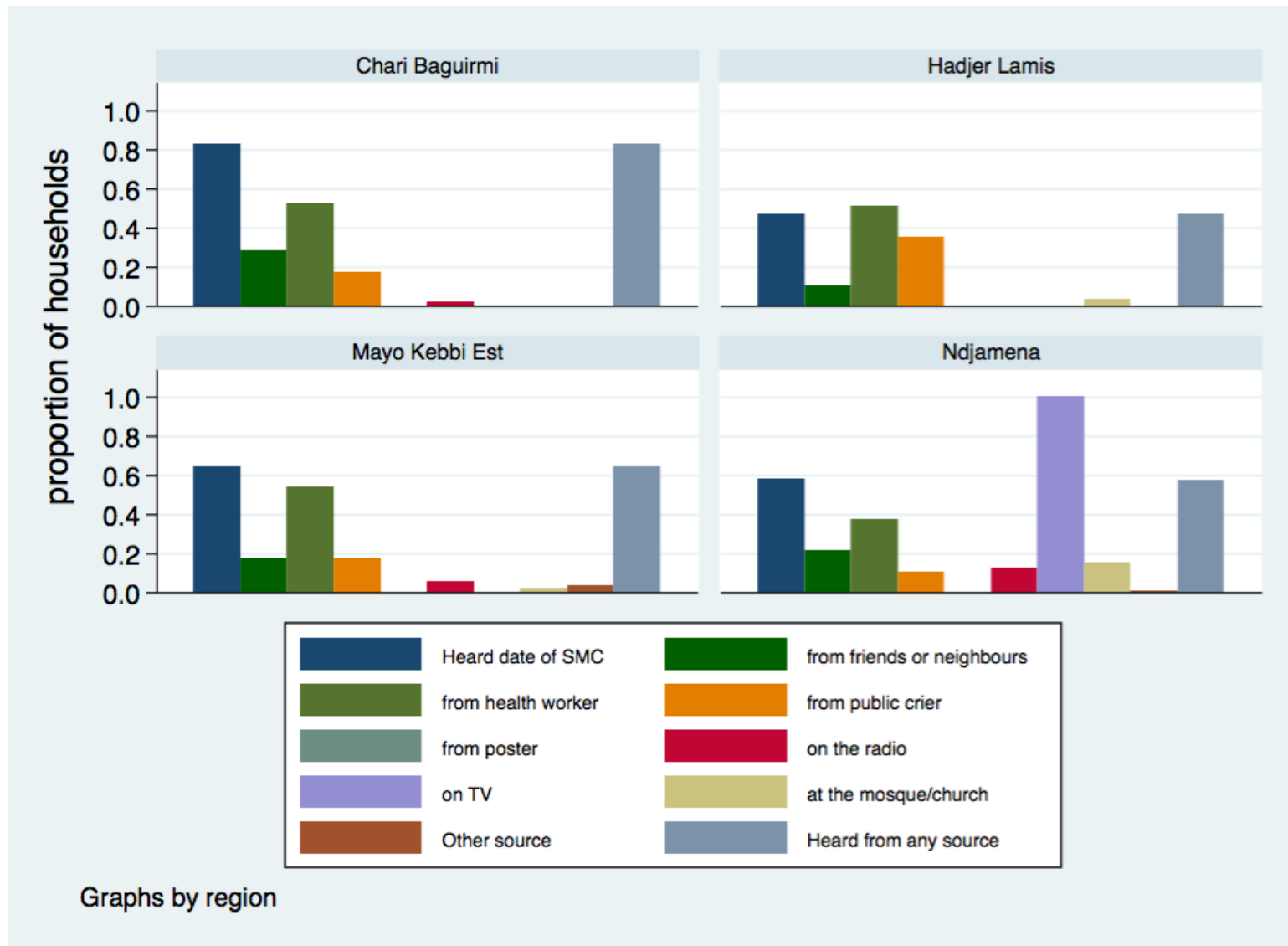


Table 1: Survey Sample

	n/N	%	95% CI
Number of children sampled	1323		
Number of children eligible for SMC (3mons–5yrs)	1017	76.9	
SMC Coverage - Overall	911/1017	89.6	(83.8-93.5)
SMC Coverage by Region			
Chari Baguirmi	199/212	93.9	(83.2-97.9)
Hadjer Lamis	199/211	94.3	(87.8-97.4)
Mayo Kebbi Est	159/161	98.8	(95.7-99.6)
Ndamena	354/433	81.8	(70.3-89.5)
Out of those treated, the number who retained the blister - Overall	295/910	32.4	(23.4-43.0)
Treated who retained the blister - by Region			
Chari Baguirmi	85/199	42.7	
Hadjer Lamis	34/199	17.1	
Mayo Kebbi Est	32/159	20.1	
Ndamena	144/353	40.8	
Who administered dose 1			
By the CHW	789/911	86.6	
By the caregiver, observed by the CHW	2/911	0.2	
By the caregiver, not observed	5/911	0.5	
Not Done	115/911	12.6	
Given SMC Card			
Yes	781/911	85.7	(79.3-90.4)
Retained SMC Card if given			
Yes	495/781	63.4	(56.0-70.2)
SMC Card Correctly completed			
Yes	495/781	63.4	(56.0-70.2)
Adherence to SMC Doses			
Did not complete dose 2 or 3	8/909	0.9	
Completed dose 2 only	6/909	0.7	
Completed dose 2 and 3	895/909	98.5	

SMC Coverage in 2017 - Chad

Table 1a: Who administered dose 1

	Chari Baguirmi	Hadjer Lamis	Mayo Kebbi Est	Ndjamena	Total
By the CHW	192	197	120	280	789
By the caregiver, observed by the CHW	0	1	0	1	2
By the caregiver, not observed	1	0	3	1	5
Not Done	6	1	36	72	115
Total	199	199	159	354	911

Table 2: Reasons for missed treatment

State	The health worker did not visit the household	Problems at distribution point	Family refused: state reason	Other reason - please specify	Did not realise child should get SMC	Child was living away from home	Child was unwell	Caregiver not available	Child has history of allergies to drugs or side effects last time	Not applicable	Child was away on the day	Unable to take child to health worker	Total
Chari Baguirmi	6	0	0	0	0	0	0	0	0	0	1	0	6
Hadjer Lamis	1	0	0	0	0	0	0	0	0	0	0	0	1
Mayo Kebbi Est	4	0	0	0	0	0	0	0	0	0	0	0	4
Ndjamena	19	0	0	0	0	0	0	0	0	0	2	0	19
Total	30	0	0	0	0	0	0	0	0	0	3	0	

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Table 3: Reasons the SMC blister pack not received

	Caregiver not available	Child was away on the day	Child was unwell	Did not realise child should get SMC	Did not realise it was important for the child to get this particular treatment	Not applicable	Other reason (specify)	The health worker did not visit the household	Unable to take child to health worker	Total
Chari	1	7	0	0	0	0	1	3	1	13
Baguirmi										
Hadjer	0	2	0	2	0	1	0	7	0	12
Lamis										
Mayo	0	0	1	0	0	1	0	0	0	2
Kebbi Est										
Ndjamen	2	10	1	3	2	2	5	54	0	79
a										
Total	3	19	2	5	2	4	6	64	1	106

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Table 4: Suggestions for Improvements

	Chari Baguirmi	Mayo Kebbi Est	Ndjamena	Total
changer de médicaments	0	0	1	1
faire de la sensibilisation a travers les média (la radio)et aux crieurs public	0	1	0	1
faire plus de la sensibilisation	1	0	0	1
il faut une journée tout le monde doit attendre les agents la cps.	0	1	0	1
les distributeurs doivent àtre des agents de la santé	0	0	1	1
nous voulons aussi que vous distribuer les enfants de 10 ans	0	1	0	1
Total	1	3	2	6

Table 5: Coverage of SMC Amongst eligible children by District

	n/N	%	95% CI
SMC Coverage of Eligible - Overall	911/1017	89.6	(83.8-93.5)
SMC Coverage of Eligible children by District			
Bai-illi	27/27	100.0	
Bongor	159/161	98.8	(95.7-99.6)
Bouso	43/46	93.5	(67.5-99.0)
Dourbali	65/68	95.6	(76.1-99.3)
Kouno	25/32	78.1	(78.1-78.1)
Mani	26/27	96.3	(96.3-96.3)
Massaguet	70/73	95.9	(88.8-98.6)
Massakory	103/111	92.8	(80.2-97.6)
Massenya	39/39	100.0	
NDjamena Centre	86/104	82.7	(59.7-93.9)
NDjamena Est	103/141	73.0	(49.5-88.2)
NDjamena Nord	55/69	79.7	(45.4-94.9)
NDjamena Sud	110/119	92.4	(75.9-97.9)

Table 6: Coverage of SMC in older children

	n	%	95% CI
Total number of children sampled	1323		
Number of children aged 5-6 years	207		
SMC Coverage: 5-6 years	181/207	87.4	(77.3-93.4)
SMC Coverage by region: 5-6 years			
Chari Baguirmi	36/39	92.3	(75.9-97.9)
Hadjer Lamis	69/71	97.2	(84.2-99.6)
Mayo Kebbi Est	28/29	96.6	(82.0-99.4)
Ndjamena	48/68	70.6	(51.7-84.3)
Number of children aged 6 or more	90		
SMC Coverage: 6 or more	57/90	63.3	(50.1-74.9)
SMC Coverage by region: 6 or more			
Chari Baguirmi	10/12	83.3	(59.7-94.4)
Hadjer Lamis	15/25	60.0	(38.9-77.9)
Mayo Kebbi Est	9/15	60.0	(23.8-87.8)
Ndjamena	23/38	60.5	(39.0-78.6)