

Multimedia Appendix 1

Data collection activities and Respondents

	Interviews	Health Facility survey	B4M User survey	ANC observations*	B4M observations
Upper East Region	- 1 program manager - 1 district health information officer - 1 district health director	N/A	N/A	N/A	N/A
Facility A	- 3 health workers - 1 health facility manager	1	3	Yes	Yes
Facility B	- 2 health workers - 1 health facility manager	1	2	Yes	Yes
Facility C	- 3 health workers - 1 health facility manager**	1	3	No	No
Facility D	- 2 health workers - 1 health facility manager**	1	2	Yes	Yes
Total	15 respondents				
Northern Region	- 1 program manager - 1 district health information officer	N/A	N/A	N/A	N/A
Facility E	- 3 health workers; - 1 health facility manager	1	2	Yes	No
Facility F	- 2 health workers - 1 health facility manager	1	2	Yes	No
Total	9 respondents				
Mixed	- FGD with 5 consortium members	N/A	N/A	N/A	N/A
	- Data validation meeting with 16 B4M users	N/A	N/A	N/A	N/A
	21 respondents				

* B4M device was not always in use during ANC observations even when present in the facility

** Health facility manager was also a B4M user