

Annex 1

Sudan University for Sciences and Technology

College of Postgraduate – Faculty of Sciences – Department of Applied statistics

PHD in Biostatistics

The Determinants of under-five mortality in Khartoum state

Number	Question	Number of answer
1	Residence? 1-Rural 2- Urban	
2	Origin home? State	
3	duration of living at Khartoum state?	
4	Age?	
5	Level of education of mother? 1- not educated 2- basic/primary 3- secondary 4-university 5- postgraduate	
6	Occupation of mother? 1- Housewife 2-labour 3- Employee 4- Self employed 5-Others	
7	Level of education of mother ? 1- Not educated 2- Basic/Primary 3- Secondary 4-University 5- Postgraduate	
8	Occupation of mother? 1-labour 2-Employee 3- Self employed 4-Others	
9	Number of childbearing?	
10	Age at the first childbearing?	
11	During the pregnancy period do you have a medical checkup? 1- Yes 2-No (go to 13)	
12	Number of medical checkup?	
13	Your delivery done under the supervision of 1- Doctor 2- Midwife 3- Others.....	
14	The place of delivery ? 1-Hospital 2-Health Center 3- Home 4 – Others	
15	Do you have births their gestational age less than 32week?	

	1-Yes 2-No	
16	Do you have births whose weight less than 2kg? 1-Yes 2-No	
17	Duration of breastfeeding for each child? 1-First ...2- Second... 3-Third...4-Fourth ...	
18	The time of starting feed of your child? 1.Before complete first six months 2- after complete the first six months	
19	Do your child or children die before complete five years? 1-Yes 2-No (go to 23)	
20	If yes their number?	
21	If yes their age?	
22	Cause of death? 1- Malaria 2- Dahria 3- Respiratory 4- Others	
23	Do you use any of the following types of tobacco? 1- Cigarettes 2- Shisha 3 – Tombak 4- Alcohol	
25	Do you suffer from the following disease? 1- Obesities 2- Blood pressure 3- Diabetes 4-Others.....	
26	Do you immunize your under-five children? 1-Yes 2-No	
27	If any of your under-five children sick 1-You will use native treatment 2- You will go to the doctor 3- You will go to the pharmacy 4-You will go to neighboring and bring their children drugs	
28	Do you Immunized yourself against Tetanus? 1-Yes 2-No (go to 30)	
29	If yes the number of dose?	

Immunization:

31	Immediately after childbearing do you immunize you babies against	Polio 1-Yes 2-No 3-I do not know	Tuberculosis 1-Yes 2-No 3-I do not know		
32	Immediately after the first 6 week do immunize your babies against	Polio 1-Yes 2-No 3-I do not know	Penta 1-Yes 2-No 3-I do not know	Pneumococcal 1-Yes 2-No 3-I do not know	Rota 1-Yes 2-No 3-I do not know
33	Immediately after the first 2 month's do immunize your babies against	Polio 1-Yes 2-No 3-I do not know	Penta 1-Yes 2-No 3-I do not know	Pneumococcal 1-Yes 2-No 3-I do not know	Rota 1-Yes 2-No 3-I do not know
34	Immediately after the first 3 month's do immunize your babies against	Polio 1-Yes 2-No 3-I do not know	Penta 1-Yes 2-No 3-I do not know	Pneumococcal 1-Yes 2-No 3-I do not know	Rota 1-Yes 2-No 3-I do not know
35	Immediately after the first 9 month's do immunize your babies against	Measles 1-Yes 2-No 3-I do not know	Meningitis 1-Yes 2-No 3-I do not know		
	Immediately after the first 18 month's do immunize your babies against	Measles 1-Yes 2-No 3-I do not know	Polio 1-Yes 2-No 3-I do not know		