

RESEARCH QUESTIONNAIRE

SOCIO-DEMOGRAPHIC DATA

1. Age

- (i) Less than 20 years []
- (ii) 20 to 29 years []
- (iii) 30 to 39 years []
- (iv) 40 years and above []

2. Sex:

- (i) Male []
- (ii) Female []

3. Education level:

- (i) No formal education
- (ii) JHS and below
- (iii) SHS []
- (iv) SHS and above []

4. Religion:

- (i) Christian []
- (ii) Moslem []
- (iii) Other (specify).....

5. Marital status:

- (i) Married[]
- (ii) Single[]
- (iii) Divorced[]
- (iv) Separated[]
- (v) Co-habiting[]

6. Occupation?

- (i) Farmer []
- (ii) Housewife[]
- (iii) Trader[]
- (iv) Teacher []
- (v) Nurse []

- (vi) Other Specify.....
- 7. Number of children
 - (i) 1-2 children [] (
 - (ii) 3-4 children []
 - (iii) 5-6 children []
 - (iv) more than 6 children []
- 8. Areas of residence
 - (i) rural []
 - (ii) urban []
- 9. Average monthly income?
 - (i) Less than GHS 500 []
 - (ii) Between GHS 500 – 1000 []
 - (iii) Between GHS 1000 – 1500 []
 - (iv) Between GHS 1500-2000 []
 - (v) Over GHS 2,000 []
- 10. Ethnicity?
 - (i) Kassena []
 - (ii) Frafra []
 - (iii) Mamprusi []
 - (iv) Builsa []
 - (v) others specify.....

KNOWLEDGE OF ITN USAGE AMONG PREGNANT WOMEN

- 11. Have you ever heard of mosquito bed nets?
 - (I) Yes []
 - (II) No []
- 12. Have you ever seen or handled a mosquito bed net?
 - (i) Yes []
 - (ii) No []
- 13. If yes to (Question 12) above where did you first hear of mosquito bed nets?
 - (i) Radio []

- (ii) TV []
- (iii) Health worker []
- (iv) Friend []
- (v) Books, Journals etc. []
- (vi) Others (specify).....

14. Where can one get insecticides Treated Mosquito Nets (ITN)?

- (i) Health facilities []
- (ii) Cosmetic stores []
- (iii) super market []

15. What is Insecticides Treated Mosquito Nets ITN used for?

- (i) To prevent malaria []
- (ii) To avoid mosquito bites []
- (iii) To have a good night sleep []

16. How long does insecticides Treated Mosquito Nets (ITN) effectiveness last?

- (i) 3 to 6 months []
- (ii) a year []
- (iii) 3 years []
- (iv) 4 to 5 years []
- (v) over 5 years []

17. Before the first usage, what is done to the Insecticides Treated Mosquito Net?

- (i) dry it in the sun []
- (ii) Dry it in a shade []
- (iii) wash it []
- (iv) iron it []

18. Can Insecticides Treated Mosquito Net be retreated?

- (I) Yes []
- (II) No []

19. If yes to Question 16, when is Insecticides Treated Mosquito Net treated? [Mark all that apply

- (i) After washing once []
- (ii) after you had a mosquito bite in spite of using the net properly []

- (iii) After 3 to 5 years of usage []
- (iv) after washing three times []
- (v) When it is dirty []
- (vi) If other please specify

UTILIZATION OF INSECTICIDES TREATED NETS (ITN)

20. Do you have a mosquito bed net?

Yes []

No []

21. If yes to Question 20 do you use it?

(I) Yes []

(II) No []

22. Have you ever been a beneficiary of the distribution of Insecticides Treated Mosquito Net?

(I) Yes []

(II) No []

23. If yes to Question 22, from whom did you benefit?

- (i) The health worker []
- (ii) A friend []
- (iii) Others specify.....

24. What type of mosquito net do you have?

- (i) Ordinary nets []
- (ii) Ever treated net []
- (iii) Baby net []
- (iv) Insecticide treated mosquito net []
- (v) Long lasting insecticide net []
- (vi) I do not know []

25. What is the main reason for using Insecticides Treated Mosquito Net?

- (i) Prevent insect bite []
- (ii) Prevent mosquito nuisance []

- (iii) Sleep comfortably []
- (iv) Prevent malaria []
- (v) Others (specify).....

26. What is the level of Insecticides Treated Mosquito Net protection in terms of preventing malaria among pregnant women?

- (i) Very effective []
- (ii) Effective []
- (iii) Average []
- (iv) Less effective []
- (v) Not effective at all []

27. Did you sleep under Insecticides Treated Mosquito Net last night?

- (i) Yes if yes skip to question 28 []
- (ii) No []

28. Why didn't you sleep under Insecticides Treated Mosquito Net last night?

- (i) don't find comfortable in it []
- (ii) Weather is warm []
- (iii) Not effective []
- (iv) Side effects []
- (v) Other (specify).....

29. How consistent do you (pregnant women) sleep under Insecticides Treated Mosquito Net?

- (i) Throughout the night during the season for mosquitoes []
- (ii) All year round []
- (iii) Most part of the night []
- (iv) Some part of the night []
- (v) Others please specify.....

30. If Insecticides Treated Mosquito Net is readily available, would you consider using it daily?

- (i) Yes []
- (ii) Sometimes []
- (iii) No, I don't believe in it []

(iv) Others

BARRIERS TO THE UTILIZATION OF ITN

31. If No to question 18, why don't you have one?

(i) It is not necessary []

(ii) It is too expensive; I can't afford it [].

(iii) Inadequate public education []

(iv) Difficulty in accessing ITN []

(v) Specify others

32. Have you noticed a decrease in the incidence of malaria in you since you started using mosquito bed nets?

(i) Yes []

(ii) No change []

(iii) Incidence of malaria has increased than before [].

33. Based on your experience with bed nets, would you recommend its use to others?

i) Yes []

ii) No []

34. Do you have any where you can obtain an Insecticides Treated Mosquito Net?

[I] Yes []

[II] No []

35. Do you always get ITNS from the hospitals?

[I] Yes []

[II] No []

36. Do they sell ITNs to you?

[I] Yes []

[II] No []

37. If you were to buy ITN, would you be able to pay for it? [

[I] Yes []

[II] No []

38. How much would be considered affordable?

(i) Less than GHS 5.00,

(ii) GHS 5 to 10.0

(iii) GHS 11 to 20

39. Has the attitude of health personnel made you to refuse going for ITNs?

[I] Yes []

[II] No []

40. Are the health workers discriminatory in distributing ITNS?

[I] Yes []

[II] No []

41. How long do you have to travel to get an ITN?

(i) Short []

(ii) Long []

42. Does this distance to the ITNs distributions sites makes you refuse to go for ITNs?

[I] Yes []

[II] No []

43. Is the ITN distributions sites accessible to all?

[I] Yes []

[II] No []

44. Did the ITNs distributions officers come to your house for registration?

[I] Yes []

[II] No []

45. If No to Question 44, did they discriminate against your household?

[I] Yes []

[II] No []

46. Do you have personal reaction whenever you use ITN?

[I] Yes []

[II] No []

47. If yes to Question 46, what are some of the reactions or personal reasons for which you find it difficult to use ITNS?.....

48. Does your cultural beliefs prevents you from using ITNs?

[I] Yes []

[II] No []

1.Age	3. Educational level of respondents	4. Religion	5.Marital status:	6.Occupation?	7.Number of children	8.Areas of residence
Less than 20 years	JHS and below	Christian	Married	Farmer	1-2 children	Rural
Less than 20 years	JHS and below	Moslem	Married	Farmer	3-4 children	Rural
20 to 29 years	JHS and below	Moslem	Married	Housewife	1-2 children	Rural
30 to 39 years	JHS and below	Moslem	Married	Housewife	1-2 children	Rural
30 to 39 years	JHS and below	Moslem	Married	Trader	1-2 children	Rural
20 to 29 years	Tertiary	Moslem	Married	Stufent	1-2 children	Urban
20 to 29 years	JHS and below	Christian	Married	Farmer	1-2 children	Rural
30 to 39 years	JHS and below	Christian	Single	Apprentice	1-2 children	Urban
Less than 20 years	JHS and below	Christian	Married	Student	1-2 children	Urban
30 to 39 years	JHS and below	Christian	Married	Trader	1-2 children	Urban
30 to 39 years	SHS	Christian	Married	Student	1-2 children	Rural
30 to 39 years	JHS and below	Christian	Married	Seamstress	1-2 children	Rural
30 to 39 years	Tertiary	Christian	Single	Nurse	1-2 children	Urban
30 to 39 years	Tertiary	Christian	Married	Teacher	3-4 children	Urban
Less than 20 years	JHS and below	Moslem	Married	Trader	1-2 children	Urban
30 to 39 years	JHS and below	Christian	Married	Trader	3-4 children	Rural
40 years and above	No formal education	Moslem	Married	Trader	5- 6 children	Urban
20 to 29 years	Tertiary	Christian	Married	Nurse	3-4 children	Rural
20 to 29 years	No formal education	Christian	Single	Trader	1-2 children	Urban
20 to 29 years	SHS	Christian	Married	Housewife	1-2 children	Rural
20 to 29 years	Tertiary	Christian	Married	Teacher	3-4 children	Urban
30 to 39 years	SHS	Moslem	Married	Housewife	1-2 children	Rural
20 to 29 years	Tertiary	Christian	Married	Teacher	5- 6 children	Urban
40 years and above	SHS	Christian	Married	Trader	3-4 children	Urban
40 years and above	No formal education	Moslem	Married	Housewife	3-4 children	Rural
40 years and above	SHS	Moslem	Married	Teacher	3-4 children	Urban
30 to 39 years	Tertiary	Christian	Married	Nurse	3-4 children	Urban
30 to 39 years	SHS	Christian	Single	Trader	1-2 children	Urban
30 to 39 years	JHS and below	Christian	Single	Teacher	1-2 children	Urban
Less than 20 years	No formal education	Christian	Single	Housewife	1-2 children	Urban

9.Average monthly income?	10.Ethnicity?	11.Have you ever heard of mosquito bed nets?
Less than GHS 500	Frafra	Yes
Less than GHS 500	Frafra	Yes
Less than GHS 500	Frafra	Yes
Less than GHS 500	Kassena	Yes
Between GHS 500 to 1000	Frafra	Yes
Between GHS 500 to 1000	Busanga	Yes
Less than GHS 500	Nankam	Yes
Less than GHS 500	Kassena	Yes
Less than GHS 500	Kassena	Yes
Less than GHS 500	Ashanti	Yes
Less than GHS 500	Kassena	Yes
Less than GHS 500	Kassena	Yes
Between GHS 1000 to 1500	Kassena	Yes
Between GHS 1000 to 1500	Kassena	Yes
Between GHS 500 to 1000	Kassena	Yes
Less than GHS 500	Kassena	Yes
Between GHS 500 to 1000	Builsa	Yes
Over GHS 2,000	Akan	Yes
Between GHS 500 to 1000	Nankam	Yes
Less than GHS 500	Nankam	Yes
Between GHS 1000 to 1500	Kassena	Yes
Less than GHS 500	Nankam	Yes
Between GHS 1500 to 2,000	Kassena	Yes
Between GHS 500 to 1000	Builsa	Yes
Less than GHS 500	Kassena	Yes
Between GHS 1500 to 2,000	Nankam	Yes
Between GHS 1500 to 2,000	Kassena	Yes
Between GHS 500 to 1000	Kassena	Yes
Between GHS 1000 to 1500	Builsa	Yes
Less than GHS 500	Kassena	Yes

12. Have you ever seen or handled a mosquito bed net?

	Radio	TV	Health worker	Friends	Books/Journals
Yes	0	0	1	1	0
Yes	0	1	1	0	1
Yes	1	1	1	0	0
Yes	1	1	1	1	0
Yes	0	0	1	1	1
Yes	0	0	0	1	0
Yes	0	0	1	0	0
Yes	1	1	0	0	0
Yes	0	1	1	0	0
Yes	1	1	1	1	0
Yes	0	0	1	0	0
Yes	0	0	1	0	0
Yes	1	0	0	0	1
Yes	1	0	1	0	0
Yes	0	0	1	0	0
Yes	0	0	1	0	0
Yes	1	0	0	0	0
No	0	0	0	0	0
Yes	1	1	1	1	0
Yes	1	0	1	1	0
Yes	1	1	1	1	1
Yes	0	1	1	0	0
Yes	0	0	1	0	0
Yes	1	1	0	0	0
Yes	0	0	1	1	0
Yes	1	1	1	1	1
Yes	0	1	1	0	1
Yes	0	0	0	0	0
Yes	1	1	1	1	0
Yes	1	1	1	0	0

16.How long does insecticides Treated Mosquito Nets (ITN) effectiveness last?

a year

a year

a year

3 to 6 months

3 to 6 months

3 years

4 to 5 years

0

4 to 5 years

3 years

0

0

3 years

3 years

4 to 5 years

3 years

3 years

a year

4 to 5 years

4 to 5 years

3 years

4 to 5 years

3 years

4 to 5 years

3 years

3 years

3 years

3 years

3 years

3 years

17.Before the first usage, what is done to the Insecticides Treated Mosquito Net?

- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- wash it
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- wash it
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade
- Dry it in a shade

18.Can Insecticides Treated Mosquito Net be retreated?

- Yes
- Yes
-
-
- Yes
- No
- Yes
- No
- No
- Yes
- No
- No
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes
- Yes

0
0

After washing once	After you had a mosquito bite in spite of using the net properly	After 3 to 5 years of usage	0 after washing three times
0		1	1 1
1		1	0 1
0		0	0 1
1		0	1 0
0		1	0 1
0		0	1 1
0		1	0 1
0		1	1 0
0		0	1 1
0		1	1 0
0		1	0 1
0		1	0 1
0		1	1 0
1		0	0 1
0		1	1 0
1		0	1 0
0		1	0 1
1		0	1 0
0		1	0 1
1		1	0 1
0		1	1 0
1		0	1 0
0		1	1 0
1		0	1 0
1		1	0 1
0		0	0 0
1		0	1 1
0		1	0 1
1		0	1 0
0		1	1 0

22. Have you ever been a beneficiary of the distribution of Insecticides Treated Mosquito Net?

The health worker A friend

Yes	1	1
Yes	1	1
Yes	1	0
Yes	1	1
Yes	1	1
No	0	0
No	0	0
No	0	1
No	1	0
No	1	1
No	1	0
No	1	0
No	1	0
Yes	1	1
Yes	1	0
Yes	1	0
Yes	1	1
Yes	1	0
Yes	1	0
Yes	1	1
Yes	1	0
Yes	1	0
Yes	0	1
Yes	1	0
Yes	1	1
Yes	1	1
Yes	0	1
Yes	0	1
Yes	1	1
Yes	1	0

24.What type of mosquito net do you have?

Ever treated net[

Ever treated net[

Ever treated net[

Ever treated net[

Ever treated net[

I do not know

I do not know

I do not know

I do not know

I do not know

I do not know

I do not know

I do not know

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

Insecticide treated mosquito net

25.What is the main reason for using Insecticides Treated Mosquito Net?

Prevent insect bite

Prevent insect bite

Prevent insect bite

Prevent insect bite

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

Prevent malaria

26. What is the level of Insecticides Treated Mosquito Net protection in terms of preventing malaria among pregnant women?

Very effective

Very effective

Very effective

Very effective

Very effective

Average

Very effective

Effective

Effective

Effective

Very effective

Effective

Effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

Very effective

29.How consistent do you (pregnant women) sleep under Insecticides Treated Mosquito Net?

Throughout the night during the season for

Throughout the night during the season for

Throughout the night during the season for

Some part of the night

Most part of the night

Some part of the night

All year round

I don't sleep under ITN

I don't sleep under ITN

I don't sleep under ITN

Throughout the night during the season for

Throughout the night during the season for

I don't sleep under net

All year round

All year round

All year round

All year round

Throughout the night during the season for

All year round

All year round

All year round

All year round

All year round

Throughout the night during the season for

All year round

All year round

All year round

All year round

All year round

All year round

30.If Insecticides Treated Mosquito Net is readily available, would you consider using it daily?

Yes

Yes

Yes

Yes

Yes

No

Yes

No

Yes

Yes

Yes

No

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

31. If No to question 18, why don't you have one?

Nil

Nil

Nil

Nil

Nil

Because of heat,so I use mosquito coil

Difficulty in accessing ITN

I have a mosquito bed net

I wasn't at home during the distribution period

Difficulty in accessing ITN

I have one

I have an ITN

I wasn't at home to be registered

Difficulty in accessing ITN

Inadequate public education

Inadequate public education

It is not necessary

It is not necessary

It is not necessary

It is not necessary

It is not necessary

Inadequate public education

Inadequate public education

It is not necessary

Difficulty in accessing ITN

Difficulty in accessing ITN

I have one

Inadequate public education

I have one

She has one

32. Have you noticed a decrease in the incidence of malaria in you since you started using mosquito bed nets?

Yes

Yes

Yes

Yes

Yes

No Change

No Change

No Change

No Change

No Change

Yes

Yes

No Change

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

33. Based on your experience with bed nets, would you recommend its use to others?

Yes

Yes

Yes

Yes

Yes

Yes

Yes

No

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

. 36. Do they sell ITNs to you?	37. If you were to buy ITN, would you be able to pay for it?	38. How much would be considered affordable?
No	Yes	GHS 11 to 20
No	Yes	GHS 11 to 20
No	Yes	Less than GHS 5.00
No	Yes	Less than GHS 5.00
No	Yes	GHS 5 to 10.0
No	Yes	GHS 11 to 20
No	No	Less than GHS 5.00
No	Yes	Less than GHS 5.00
No	No	Less than GHS 5.00
No	Yes	GHS 11 to 20
No	Yes	GHS 5 to 10.0
No	No	GHS 11 to 20
No	Yes	GHS 11 to 20
No	Yes	GHS 5 to 10.0
No	Yes	GHS 5 to 10.0
No	Yes	GHS 5 to 10.0
No	Yes	GHS 5 to 10.0
No	Yes	GHS 5 to 10.0
No	Yes	GHS 11 to 20
No	Yes	Less than GHS 5.00
No	Yes	GHS 5 to 10.0
No	Yes	GHS 11 to 20
No	Yes	GHS 5 to 10.0
No	Yes	GHS 5 to 10.0
No	Yes	Less than GHS 5.00
No	Yes	GHS 5 to 10.0
No	Yes	GHS 11 to 20
Yes	Yes	GHS 5 to 10.0
No	Yes	GHS 5 to 10.0
No	Yes	Less than GHS 5.00
No	No	Less than GHS 5.00

41. How long do you have to travel to get an ITN?

Short
Short
Short
Short
Short
Short
Long
Long
Short
Long
Short
Long
Short
Short
Long
Long
Short
Short
Short
Long
Short
Long
Long
Short
Short
Long
Short

42. Does this distance to the ITNs distributions sites makes you refuse to go for ITNs?

No
No
No
No
No
Yes
Yes
No
No
No
No
No
No
No
No
Yes
Yes
No
No
No
No
No
Yes
Yes
No
No
No
No

47. If yes to Question 46, what are some of the reactions or personal reasons for which you find it difficult to use ITNS?.

Nil

Nil

Nil

Nul

Nil

Body itching

Rashes

I don't know because I don't sleep under the ITN

I don't sleep under ITN

I sweat a lot when I sleep under the ITN

My face itches when I'm sleeping under the ITN for the first time

I don't have any problem using the ITN

I don't have a problem sleeping under the ITN

Itchy skin

Skin rash

Itchy skin

No

Burning sensation

Itchy skin

Skin rash

No reason

No reaction

No reaction

No reaction

No reaction

No reaction

No reaction

No reaction

No reaction

No reactions

48. Does your cultural beliefs prevents you from using ITNs?

No

No

No

No

No

No

No

No

No

No

No

No

No

No

Yes

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No