

**OWNERSHIP AND UTILIZATION OF
INSECTICIDE-TREATED MOSQUITO NETS
AMONG UNDER- 5-CAREGIVERS AND
PREGNANT WOMEN IN A RURAL TOWN IN
SOUTH WESTERN NIGERIA.**

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INTRODUCTION



- ◉ Globally, malaria remains one of the world's most prevalent vector borne disease.
- ◉ The use of ITN has been proven to be an effective preventive modality in the control of malaria but its utilization continues to be low.

METHODOLOGY

- A cross sectional study of 631 pregnant women and under 5 caregivers in Ibarapa Central was conducted.
- Multistage selection of respondents.

Oyo state, Nigeria

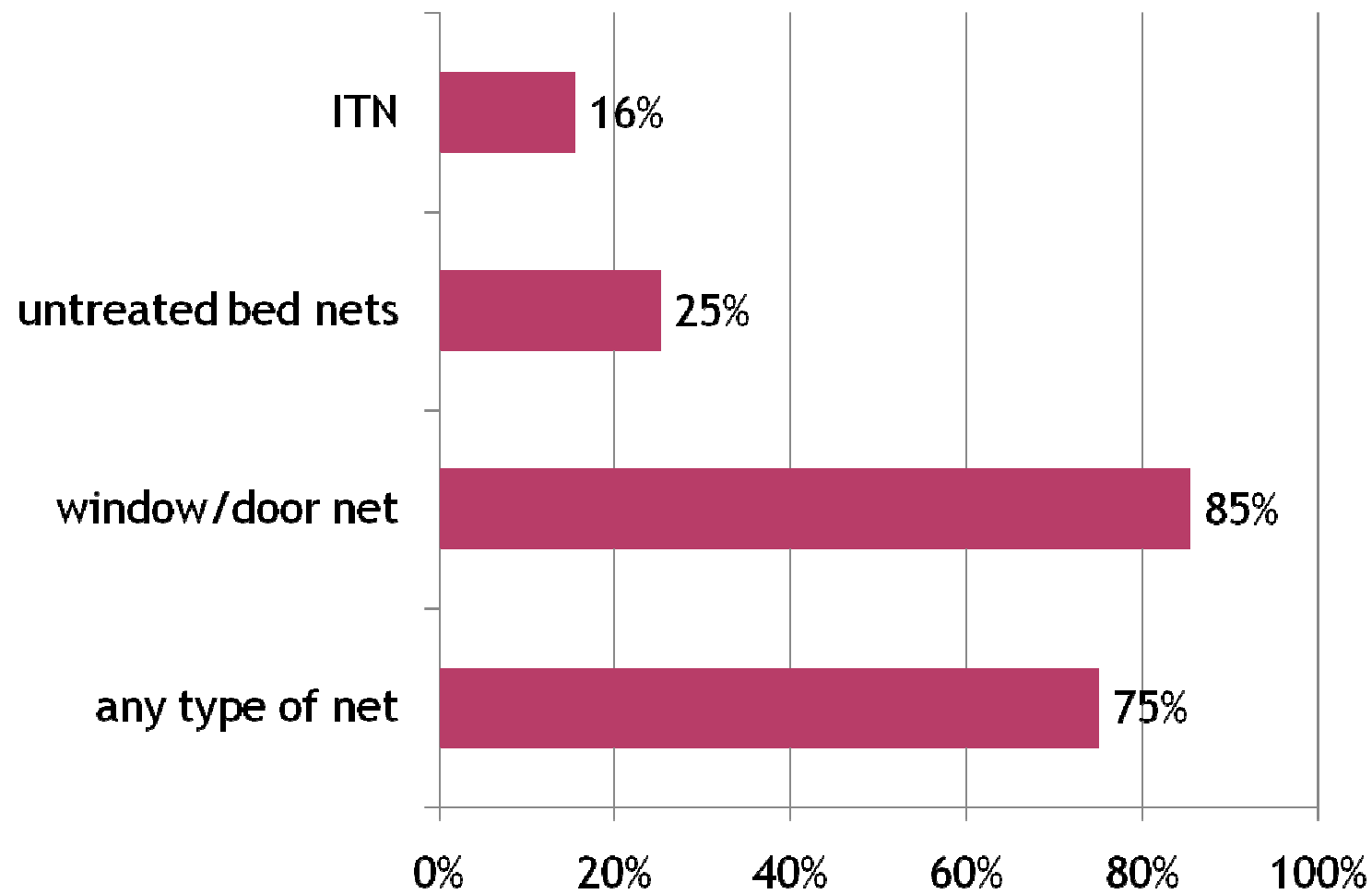


RESULTS

- ◉ Among 631 respondents that participated, 84.9% were under-5 caregivers. Mean age was 27.7 ± 6.3 years with 53.4% between 20-29 age group.
- ◉ Majority, 91.1% had at least primary education, 60.2% were traders and 69.7% married.

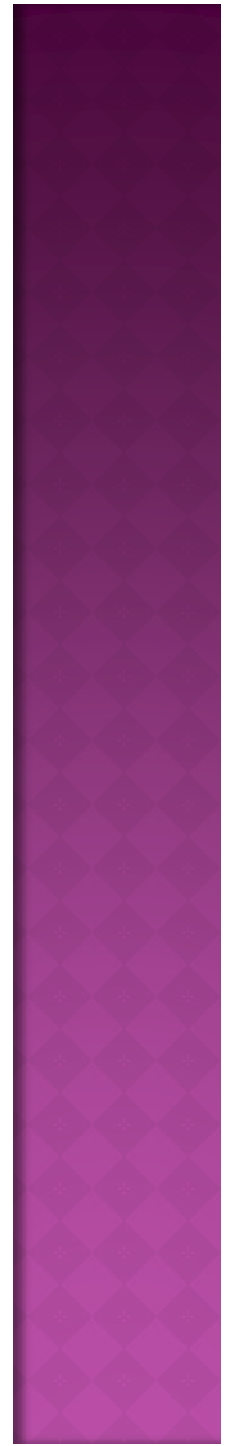
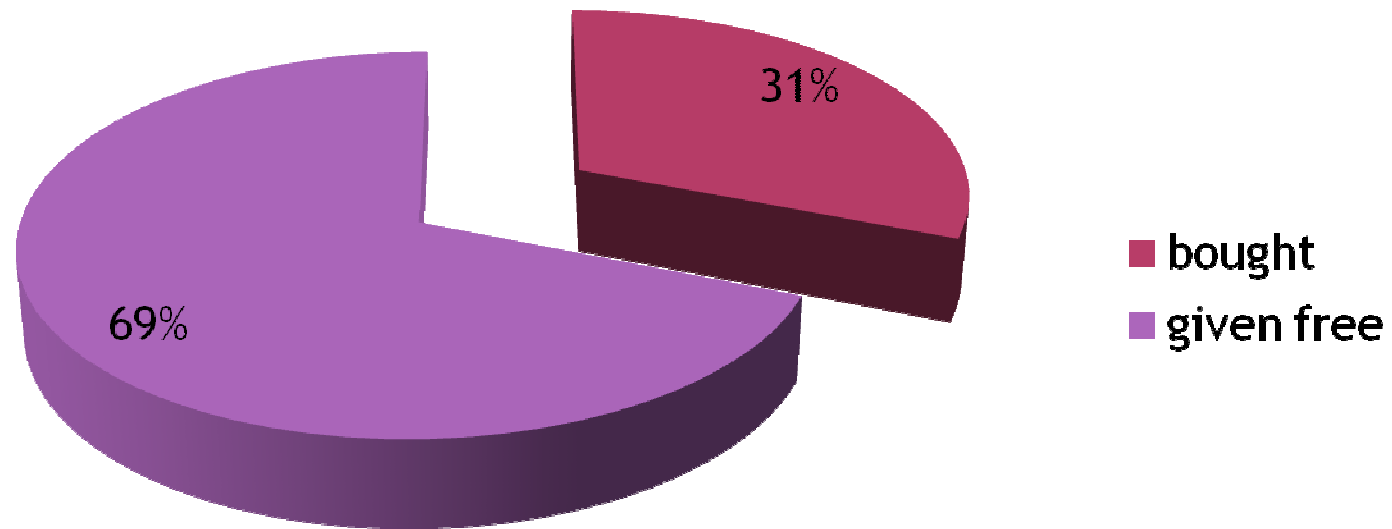


OWNERSHIP OF NETS



SOURCE OF ITN

percentage



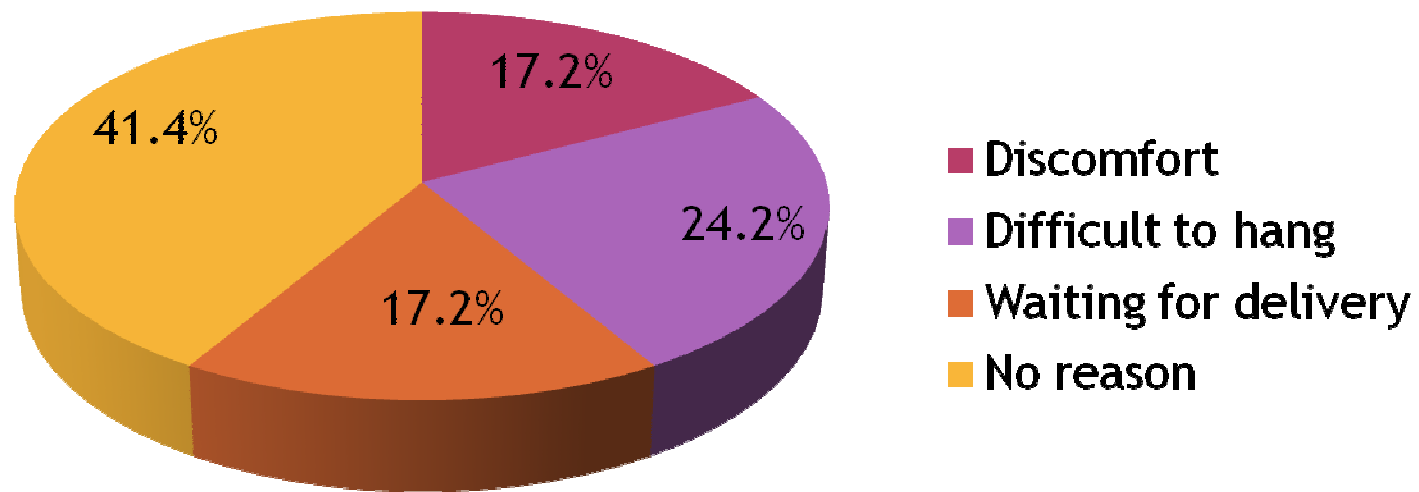
UTILIZATION OF ITN



- Overall, 70 (11.1%) of the respondents had ITN among which 55 (78.6%) had ever slept under an ITN but slightly less than half, (49.1%) slept under an ITN the previous night.
- A significantly higher proportion (75%) of respondents with low level of education utilized ITN. (OR = 5.00; 95% CI = 1.24 - 21.28; P = 0.02)
- ITN use was not significantly affected by other socio-demographic variables

RESULTS

Reasons for non use of ITN



DISCUSSION



- ◉ Despite the high level of awareness documented in this study, ownership of ITN was extremely low
- ◉ Furthermore, the study revealed that those with low education are significantly more likely to use ITN. Educational attainment does not necessarily translate to utilization.

DISCUSSION

- ◉ Perceived vulnerability higher among the poor or those with little or no education.
- ◉ Such may be compelled to use ITN because of the limited options left to them when the child gets sick.
- ◉ So it is likely that community with low income and education as documented in this study will sleep under an ITN once it is available to them.

CONCLUSION

- ⦿ This study revealed grossly low ownership and utilization of ITNs.
- ⦿ There is need to improve on the knowledge of community members on the importance of ITN in malaria prevention
- ⦿ There is need to enhance ownership and utilisation of ITN through free ITN distribution to community members





THANK
YOU!