

REVIEW OF MATERNAL DEATH FORMS IN MAHISAGAR DISTRICT,GUJARAT

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INTRODUCTION

- There are many interlinking factors which can prevent women from access high quality maternal and family planning care. Recognizing the different barriers women face in achieving the timely and effective medical care needed to prevent deaths occurring in pregnancy and childbirth should be on top of the agenda for health care systems promoting Safe Motherhood Practices.
- The three Delay Model provides such a frame work to explore and identify different barriers women face in accessing quality, timely and effective maternal health care services needed to prevent such deaths. The model identifies three groups of factors which may stop women accessing the levels of maternal health care which they need: delay in making decision to seek care, delay in reaching the care and delay in receiving appropriate and adequate health care (MoH , 2010).
- This study will therefore provide an assessment framework based on the Three Delay Model to identify which of these factors are impacting on the current burden of maternal mortality in Mahisagar District ,Gujarat.

NEED OF THE STUDY

Mahisagar district was high priority district in Gujarat due to increased maternal death and more number of tribal population.

Analysis of the maternal death by health department revealed that maternal death in Kadana block was high as compared to other blocks of Mahisagar district.

Maternal death was high among tribal population as compared to their counter parts. So there was requirement to do the study.

RESEARCH QUESTION

- What are the factors affecting the Maternal Mortality using 3-delays Model framework?

OBJECTIVES

- To identify the type of delays commonly contributing to the burden of maternal deaths in Mahisagar District.
- To study the causes of deaths and recommend possible interventions to reduce & prevent maternal deaths.

RESEARCH METHODOLOGY

Study Design :- Community based cross-sectional study (Review of verbal autopsy/Maternal Death Forms)

Study area :- Mahisagar district.

Sample size:- Sixty two (62) maternal deaths recorded during the Period of 1st April 2015 TO 31ST March 2017.

Data collection :- Secondary data : Verbal Autopsy Forms/Maternal Death Review

RESULTS

Socio-demographic profile of the study subjects

PARTICULARS	NUMBERS	PERCENT (N=50)
Age (in years) of women at the time of marriage • 16-20 • 21-25 • >25	 35 10 05	 70.0 20.0 10.0
Age (in years) of women at time of death • 20-24 • 25-34 • 35-44	 38 10 02	 76.0 20.0 04.0

Socio-demographic profile of the study subjects

PARTICULARS	NUMBERS	PERCENT (N=50)
Caste		
• SC	25	50.0
• OBC	20	40.0
• Others	05	10.0
Religion		
• Hindu	44	88.0
• Muslim	06	12.0
Total	50	100.0

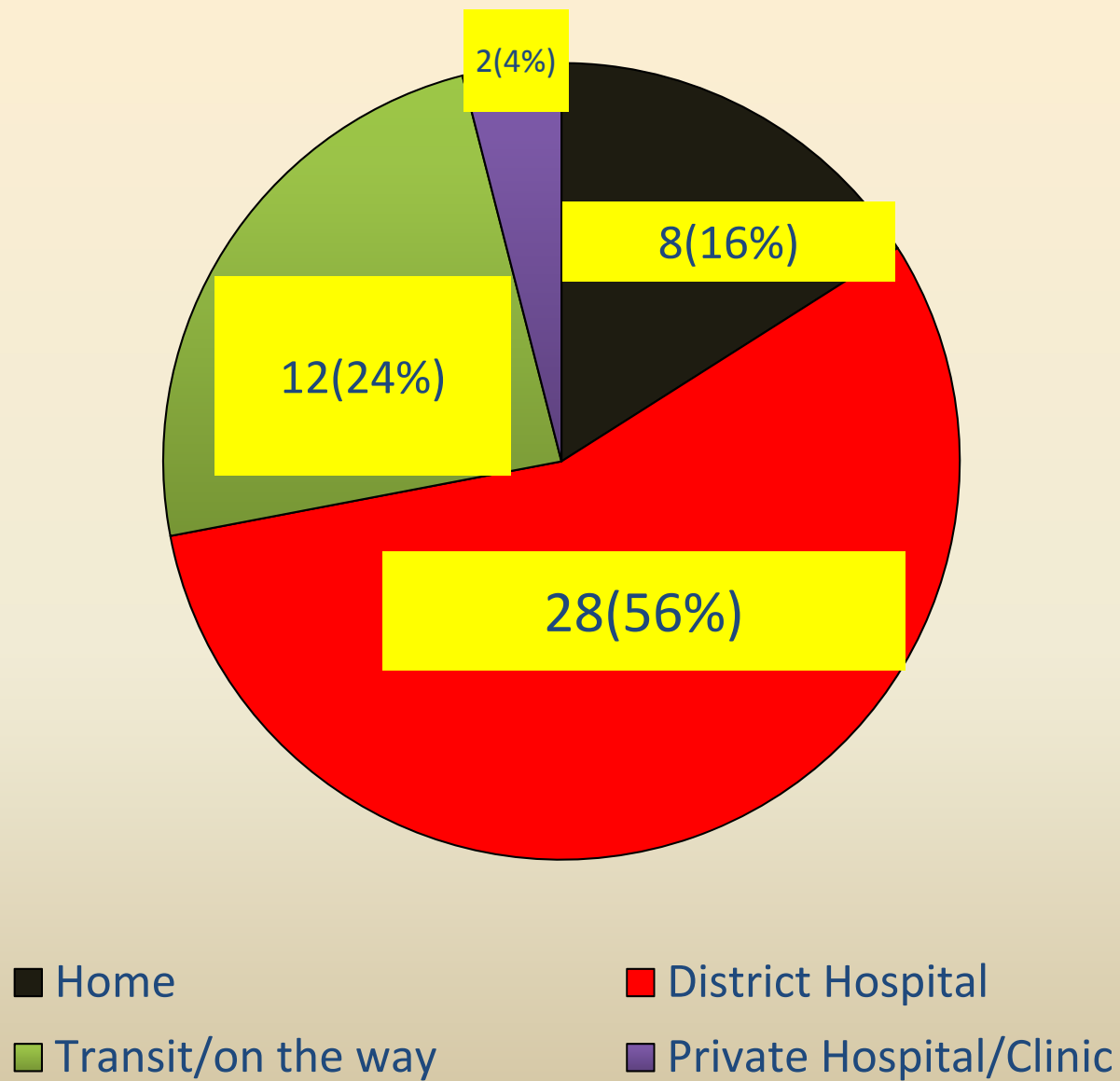
Socio-Economic status of the study subjects

Particulars	Number	Percentage(N=50)
Education Mother		
Illiterate	30	60.0
Primary Education	10	20.0
Upto 8th standard	06	12.0
Upto 10th standard	03	6.0
Graduate	01	2.0
BPL status		
Have BPL card	40	80.0
Don't have BPL card	10	20.0
Total	50	100

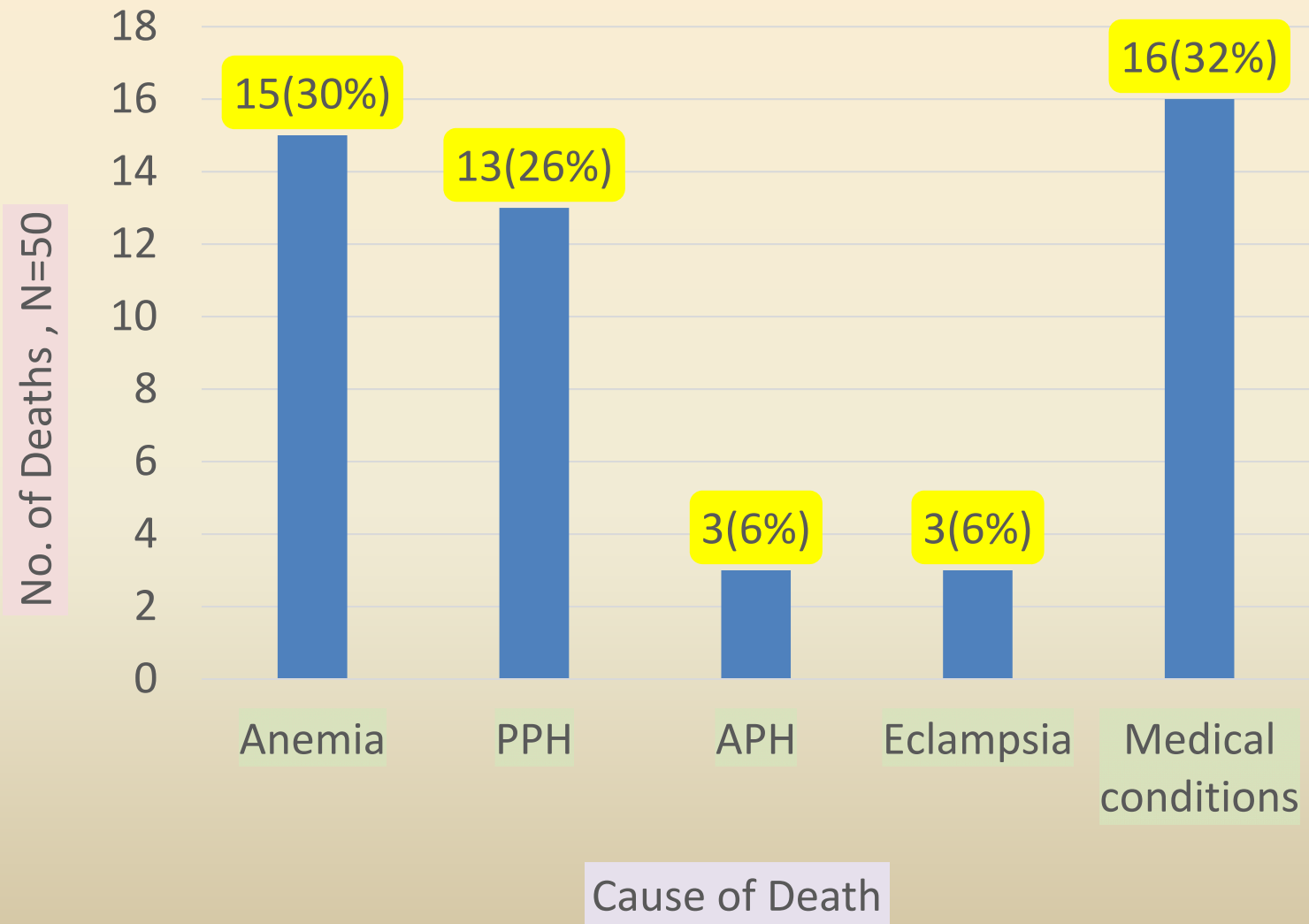
Received full Antenatal Care (3 ANC visit) (N=50)

Antenatal check up	Numbers	Percent
Yes	26	52.0
No	24	48.0
Total	50	100.0

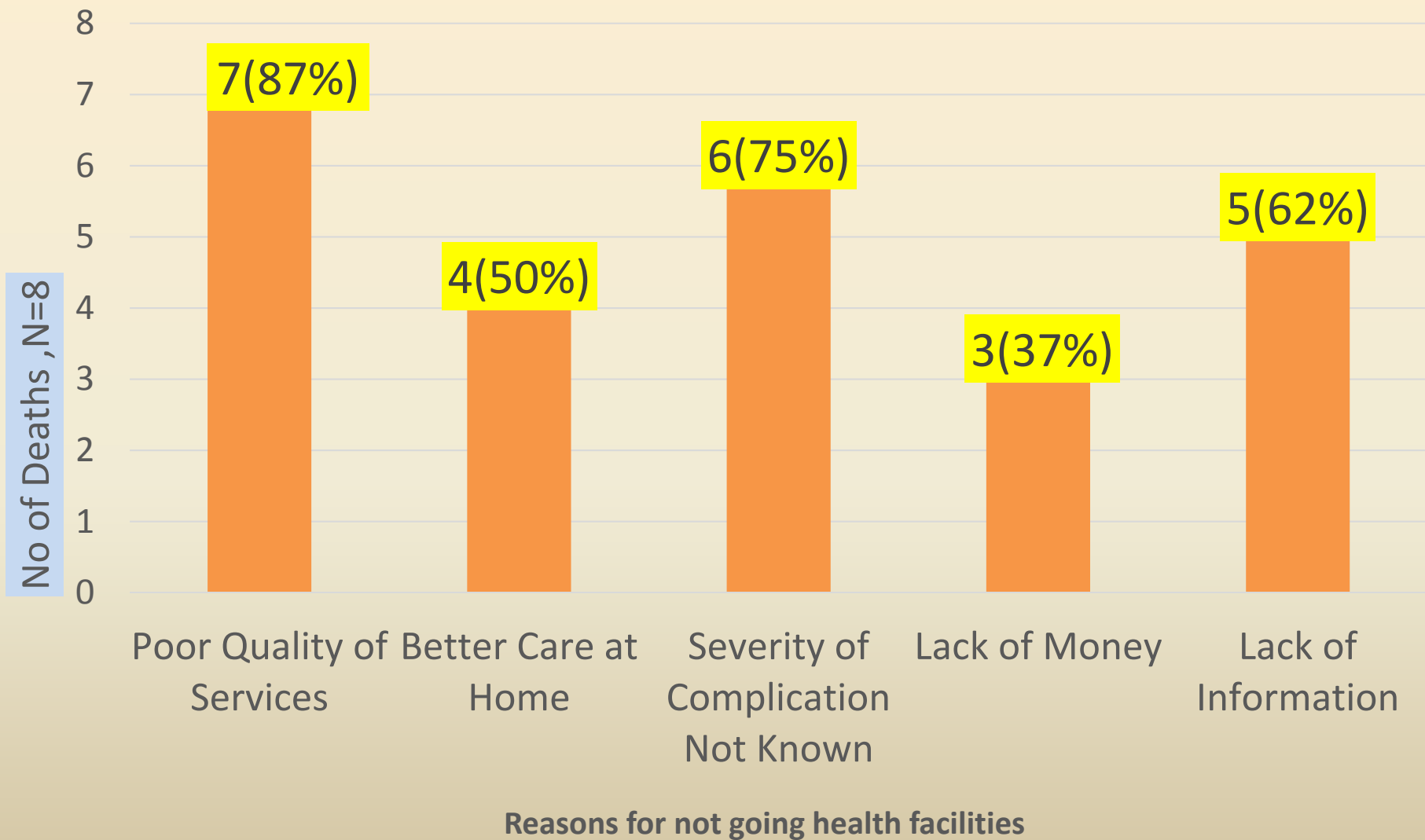
PLACE OF DEATH (N=50)
(Percentage)



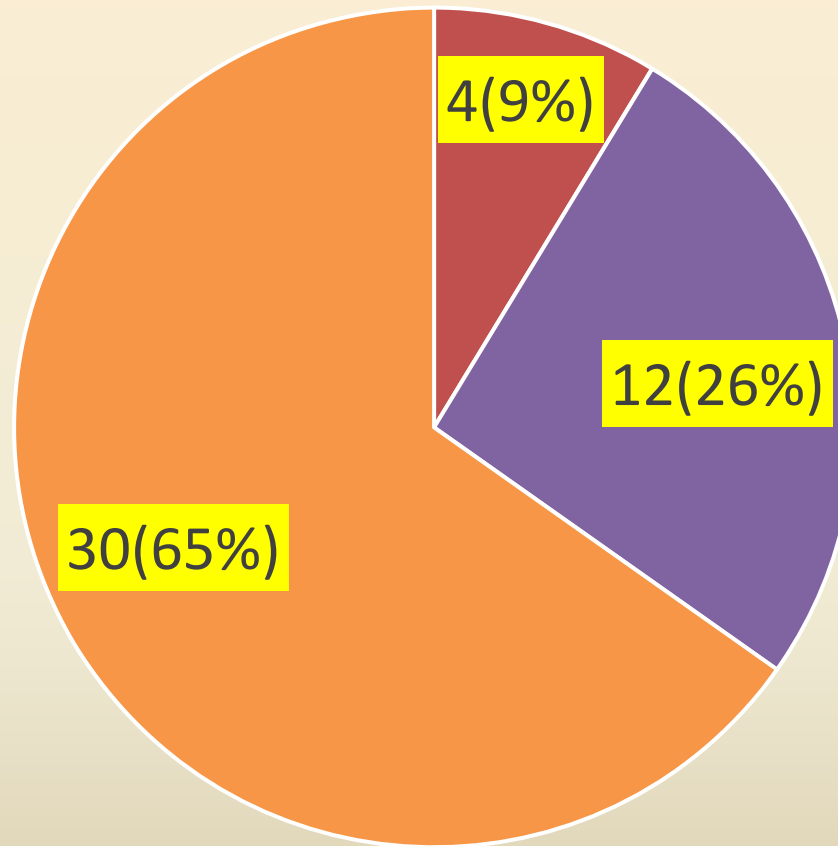
CAUSE OF DEATH OF SUBJECTS(N=50) (Percentage)



REASONS FOR NOT GOING HEALTH FACILITIES (N=8) (Percentage)

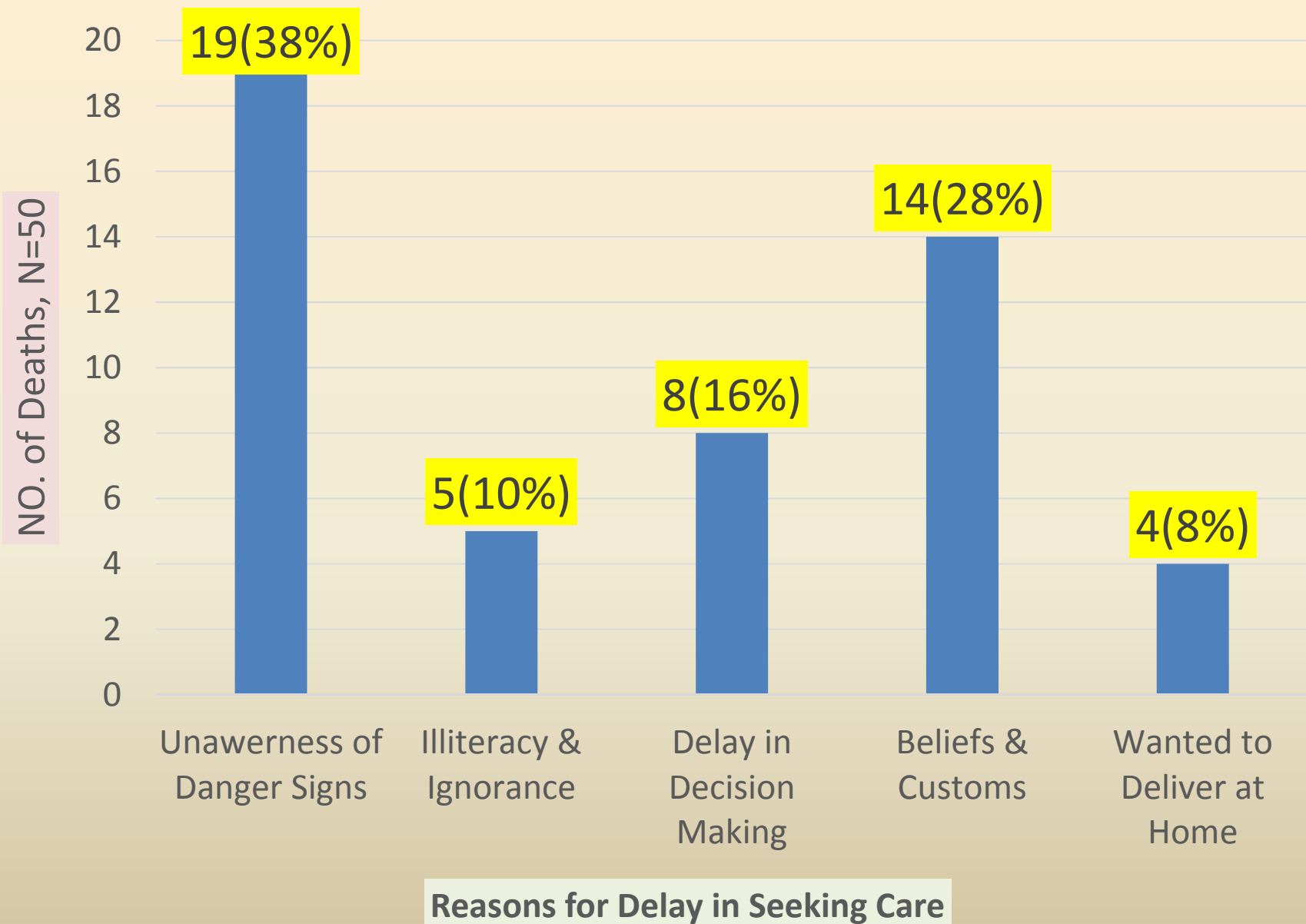


LEVEL OF DELAY(N=46) (Percentage)

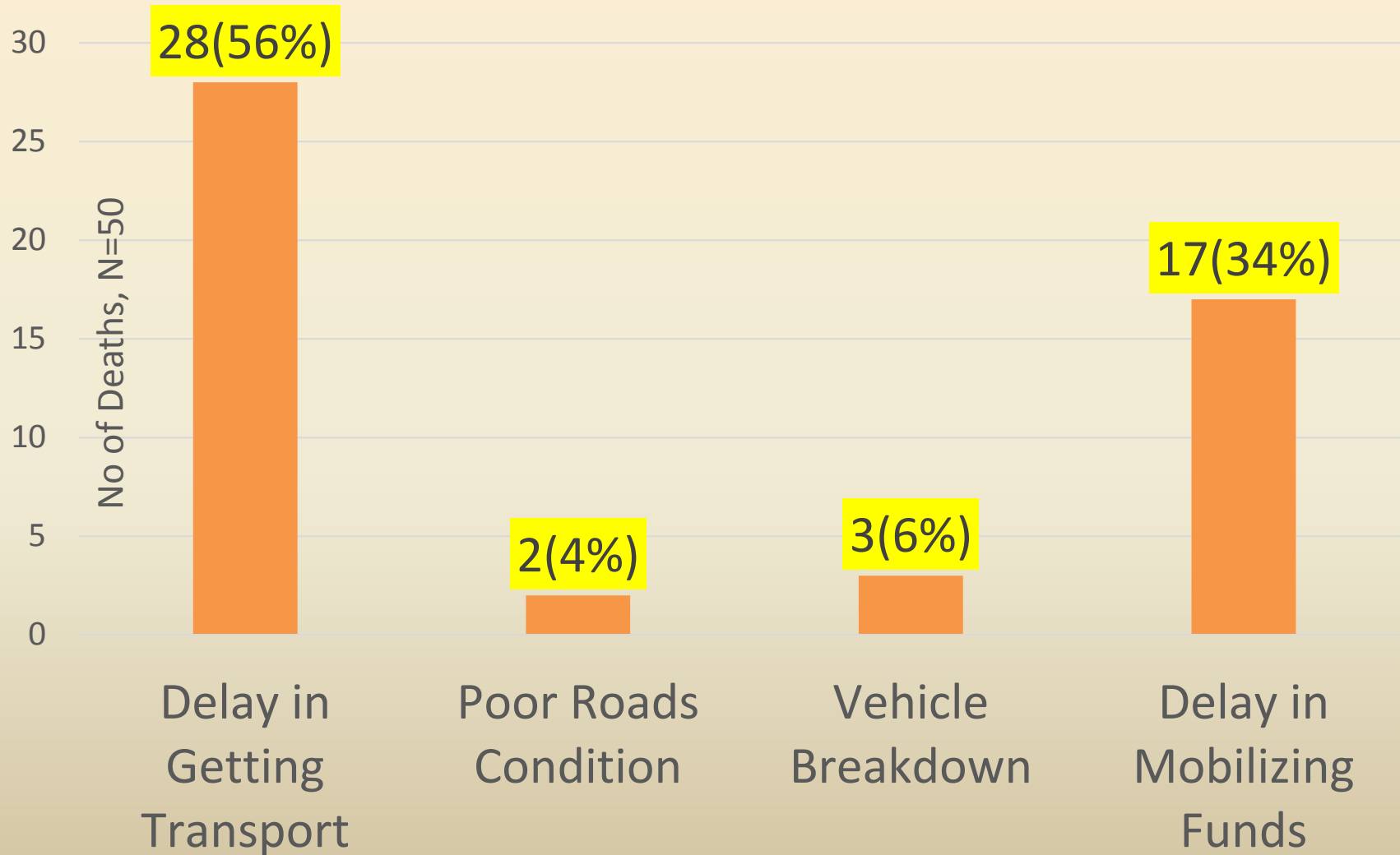


Decision Making Transport Treatment

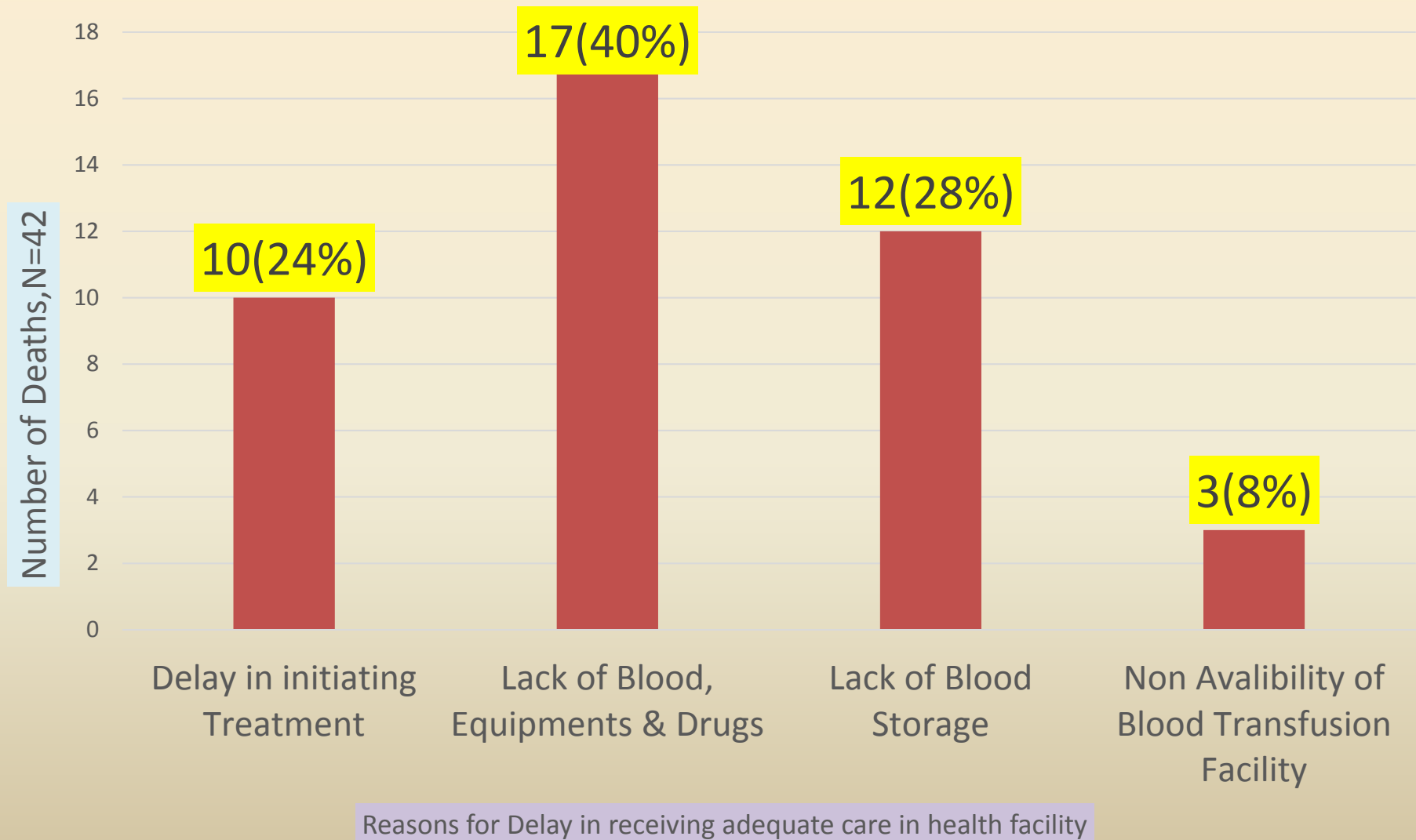
REASONS FOR DELAY IN SEEKING CARE (N=50) (Percentage)



REASONS FOR DELAY IN REACHING FIRST LEVEL HEALTH FACILITY
(N=50)
(PERCENTAGE)



REASONS FOR DELAY IN RECEIVING ADEQUATE CARE IN HEALTH FACILITY (N=42) (Percentage)



CONCLUSION

- 65% of total death of the women occurred due to delay at the third level.
- Third delay was mainly due to lack equipment's and lack of blood storage facility.
- Main causes responsible for first delay were unawareness of danger signs related to pregnancy, beliefs and customs regarding not delivering at health facility.
- Delay in mobilizing funds for treatment and delay in getting transportation were found as the main causes responsible for second delay.
- Majority of women in the study area were found married before the age of 20 years and sixty percent were illiterate.
- More than half of the mothers died due to some other Medical Complications and Anemia.

SUGGESTION

- Strengthening of Health Facilities by providing proper blood storage Facility and Availability of Blood in every Delivery points.
- Education of women about pregnancy related Complications.
- BCC and IEC Activities in high priority areas regarding pregnancy related informations.
- Improve transport services.
- Proper Monitoring of Early ANC for avoiding complications.



THANK YOU

