

**APPENDIX ONE
VOLUMES I & II**

UNIVERSITY OF SOUTHAMPTON

DEPARTMENT OF SOCIAL STATISTICS

Doctor of Philosophy

**QUALITY OF CARE IN THE MATERNITY SERVICES:
CHILDBIRTH AMONG THE URBAN POOR OF
MUMBAI, INDIA
by Louise Anne Hulton**

Appendix One

Volume I

MUMBAI SAFE MOTHERHOOD SURVEY

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MUMBAI SAFE MOTHERHOOD STUDY
PART I: Hospital case study

SURVEY QUESTIONNAIRE MODULES

MUMBAI SAFE MOTHERHOOD STUDY

Top sheet

Complete before start of interview up to ID11, and then move on to the household schedule, then to modules 1-6. Complete ID12 and ID13 at the end of the interview.

Interviewer to complete.

ID1	Questionnaire number				
------------	----------------------	--	--	--	--

ID2	Pocket name ID2PKT	New Bharat Nagar.....1 Lakshmi Nagar.....2 Rahul Nagar.....3 Nagababa Nagar.....4 Om Ganesh Nagar.....5 Shahaji Nagar.....6 Gautam Nagar.....7
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ID3	Living space in square feet _____ TPID3SPC
------------	--

ID4	Number of storeys in dwelling TPID4MAL	Singlemala.....1 Doublemala.....2 Potmala.....3
------------	--	---

ID5	Kitchen space TPID5KIT	Not separate.....1 Cloth separator.....2 Separate room.....3
------------	----------------------------------	--

ID6	Bathroom space TPID6BTH	Not separate.....1 Cloth separator.....2 Separate room.....3
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ID7	Language of household _____ TPID7LAN
------------	--

ID8	Notes on condition of dwelling: including materials for roof, walls and floor, rubbish outside hut, condition of drains outside hut and number of windows: _____
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TPID81DW	No of windows _____
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TPID82DW	Condition of drains	Flowing.....1 Clogged.....2 No drains.....3
-----------------	---------------------	---

TPID83DW	Rubbish outside house	Yes.....1 No.....2
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HH1 Household roster –

First entry should be the respondent herself. Fill in only her age and activity code, then go on to the next household member. After the interview is complete, fill in educational level of respondent from Module 1.

No.	Relationship to respondent (enter code)*	Sex M/F	Age in completed years	Education (enter code)**	Activity (enter code)***
1.	-----	F		-----	
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					

* relationship codes

- 1 husband
- 2 father
- 3 mother-in-law
- 4 father-in-law
- 5 brother
- 6 sister
- 7 brother-in-law (older)
- 8 brother-in-law's wife
- 9 brother-in-law (younger)
- 10 brother-in-law's wife (as 9)
- 11 son
- 12 daughter
- 13 other (specify)

** education codes

- 1 no schooling
- 2 started primary
- 3 finished primary
- 4 finished middle
- 5 finished secondary
- 6 more than secondary
- 7 pre-school (< 5 yrs)
- 8 don't know

*** activity codes

- 1 permanent service in Gov/Municipality
- 2 permanent service in factory/workshop/mill
- 3 permanent service in shops/other establishments
- 4 casual work in factory/workshop/mill
- 5 casual work in shops/other establishments
- 6 domestic sector full time
- 7 domestic sector part time/casual
- 8 unemployed
- 9 housework
- 10 student
- 11 dependant (aged <14 / >64)
- 12 retired with pension
- 13 don't know
- 14 other (specify)

HH2 So in all, how many persons are there in your household? _____
 (Check with number in roster)
HH2TOTME

HH3 Approximately what is the total monthly income of your household these days? _____ Rs
HH3MINC

HH4 Does the whole household have a common cooking arrangement?
HH4COOK
 Yes.....1
 No.....2

ABSTRACTED VARIABLES (derived from household schedule and input at time of data entry)

HH5	Present place of residence is natal or marital home	
	HH5HOME	Marital home.....1 Natal home.....2
HH6	Current occupation of husband _____ (activity codes used)	
	HH6HOC	
HH7	Current occupation of respondent _____ (activity codes used)	
	HH7ROC	
HH8	Total female household members excluding the respondent _____	
	HH8TOF	
HH91	Presence of at least one girl aged 13-16 years with education at 4 or above _____	
	HH91G13	
HH92	Presence of at least one boy aged 13-16 years with education at 4 or above _____	
	HH92B13	
HH93	Presence of at least one girl aged 9-16 of any educational level _____	
	HH93G9	
HH10	Is there an educated male in the household?	
	HH10EDML	No educated male.....1 Up to middle pass.....2 Beyond middle.....3 Beyond secondary.....4
HH11	Is there an educated female in the household?	
	HH11EDFE	No educated female.....1 Up to middle pass.....2 Beyond middle.....3 Beyond secondary.....4

- HH12** Total female household members older than the respondent _____
HH12FORE
- HH13** Total female household members aged 15-45yrs _____
HH13FU45
- HH14** Presence of at least one household member in permanent service?
HH14PSER Yes.....1
No.....2
- HH15** Total female household members 13-55yrs _____
HH15FU55
- HH16** Total male household members 13-55yrs _____
HH16MU55
- HH17** Family structure – select one response only:
HH17FMST Nuclear (only one kitchen in room).....1
Nuclear (own kitchen but extended family in
same room).....2
Extended (only one kitchen in room).....3
Broken nuclear.....4
- HH18** Respondent lives with – select one response only:
HH18LIVE Mother.....1
Mother-in-law.....2
Neither.....3
- HH19** Are there children under 5 which are not sons or daughters of respondents within the
household?
HH19NOT Yes.....1
No.....2

MUMBAI SAFE MOTHERHOOD STUDY *Module1: Background*

No	Questions and filters	Coding categories Select only one unless otherwise stated	Skip to	Input
01	Who is the head of your household?	YOUR HUSBAND.....1 YOUR FATHER IN LAW.....2 YOUR MOTHER IN LAW.....3 YOUR BROTHER.....4 YOUR BROTHER IN LAW.....5 YOUR MOTHER.....6 YOUR FATHER.....7 YOURSELF.....8 OTHER.....9 (specify _____)		M1Q01HED M1HHSPF
02	What is the religion of the head of your household?	HINDU.....1 MUSLIM.....2 BUDDHIST.....3 OTHER.....4 (specify _____)		M1Q2RELI M1RELSPF
03	What caste do you belong to?	NAME OF CASTE _____ DON'T KNOW.....99		M1Q03CST
04	What is the main source of water that your household uses?	MUNICIPAL TAP.....1 PRIVATE TAP(OWN).....2→ PRIVATE TAP(NEIGHBOURHOOD).....3 OTHER.....4 (specify _____)	Q6	M1Q4WATE M1Q4SPF
05	Approximately how long do YOU spend filling water for the house in the morning, and in the evening?	TIME IN MINUTES _____ (MORNING) NOT APPLICABLE.....555 TIME IN MINUTES _____ (EVENING) NOT APPLICABLE.....555	Enter one or both times	M1Q5MOR M1Q5EVE
06	How much do you pay per month for water?	RUPEES _____		M1Q06PAY
07	Do you boil water for drinking?	ALWAYS.....1 SOMETIMES.....2 NEVER.....3		M1Q7BOIL
08	Do you filter water for drinking?	ALWAYS.....1 SOMETIMES.....2 NEVER.....3		M1Q8FILT
09	What is the main source of lighting for your household?	ELECTRICITY.....1 KEROSENE.....2 OTHER.....3 (specify _____)		M1Q9LIGT M1LITSPF
10	What type of fuel does your household mainly use for cooking?	ELECTRICITY.....1 KEROSENE.....2 GAS.....3 SOLID FUEL.....4 OTHER.....5 (specify _____)		M1Q10COK M1COKSPF

11	How much do you pay per month for electricity?	RUPEES _____		M1Q11ELC
12	Is the house you live in your own, or rented?	OWNED.....1→ RENTED.....2	Q15	M1Q11ELC
13	How much did you pay for the deposit?	RUPEES _____		M1Q13DEP
14	What is the monthly rent for the room?	RUPEES _____		M1Q14RNT
15	Does your household own any of the following?	SEWING MACHINE.....1 FAN.....2 FRIDGE.....3 TELEVISION.....4 VCP.....5 GEISER.....6 TELEPHONE.....7 TAPE RECORDER.....8 WASHING MACHINE.....9 MOPED/SCOOTER/MOTORCYCLE.....10 BICYCLE.....11 MIXER/GRINDER.....12 AUTO-RICKSHAW.....13	select all that apply	M1Q15SEW M1Q15FAN M1Q15FDG M1Q15TV M1Q15VCP M1Q15GEI M1Q15TEL M1Q15REC M1Q15MAC M1Q15SCO M1Q15CYC M1Q15MIX M1Q15RIC
16	What is your current marital status? (Interviewer probe as appropriate)	CURRENTLY MARRIED.....1 MARRIED BUT HUSBAND LIVES ELSEWHERE.....2 SEPARATED.....3 WIDOWED.....4 OTHER.....5→	Q28	M1Q16MAR
17	How many years ago were you married? (First married-same for Q18-Q26)	NO. OF YEARS _____		M1Q17MYR
18	How old were you at the time of your marriage? (Check Q17 and Q18 for consistency)	AGE IN COMPLETED YEARS _____		M1Q18AGM
19	Did you live in Mumbai before you were married?	YES.....1 NO.....2→	Q21	M1Q19MUM
20	Which locality did you live in before you were married?	LOCALITY _____ →	Q22	M1Q20LOC
21	Where did you live in before you were married?	VILLAGE.....1 DISTRICT.....2 TOWN.....3		M1Q21VIL
22	Have you lived at your current address ever since you were married?	YES.....1→ NO.....2	Q26	M1Q22ADD
23	How long have you been living in this place?	NO. OF YEARS _____		M1Q23PLA
24	Where did you live when you were first married?	MUMBAI(SAME WARD).....1→ MUMBAI(ANOTHER WARD).....2→ OUTSIDE MUMBAI (IN MHSHTRA).....3 OUTSIDE MUMBAI (OUT OF MHSHTRA).4	Q26 Q26	M1Q24WRD
25	Was that in a village?	YES.....1 NO.....2		M1Q25VIL
26	Is your husband a relation?	YES.....1 NO.....2		M1Q26HRL

27	What is the relationship? (most recent marriage)	CLOSE RELATIVE.....1 (specify _____) DISTANT RELATIVE.....2 (specify _____) SAME VILLAGE/DISTRICT.....3 NEIGHBOUR.....4 OTHER.....5		M1Q27REL M1CL.REL M1DI.REL
28	Can you read a letter easily, with difficulty or not at all?	EASILY.....1 WITH DIFFICULTY.....2 NOT AT ALL.....3→	Q30	M1Q28REA
29	How often you read a newspaper?	ABOUT ONCE A WEEK OR MORE.....1 LESS OFTEN.....2 NEVER.....3		M1Q29NWS
30	Have you ever attended school?	YES.....1 NO.....2		M1Q30EDU
31	How many years of school did you complete in total?	COMPLETED YEARS _____		M1Q31SYR
32	What was the last class you passed in school?	GRADE 0-4.....1→ GRADE 5-7.....2→ GRADE 8-10.....3→ BEYOND GRADE 10.....4	Q34 Q34 Q34	M1Q32GRD
33	How long did you study beyond Grade 10?	LESS THAN TWO YEARS EXTRA.....1 TWO OR MORE YEARS.....2 TOOK FURTHER QUALIFICATION BUT NOT COMPLETED.....3 BACHELOR/MASTERS COMPLETED.....4 DIPLOMA/CERTIFICATE COMPLETED.....5 OTHER DEGREE COMPLETED.....6 (specify _____)		M1Q33DEG
34	How often do you listen to the radio?	EVERY DAY.....1 ABOUT ONCE A WEEK.....2 LESS OFTEN.....3 NEVER.....4 NO RADIO.....5		M1Q34RDO
35	How often do you listen to watch TV?	EVERY DAY.....1 ABOUT ONCE A WEEK.....2 LESS OFTEN.....3 NEVER.....4		M1Q35TV
36	How often do you go to the Cinema hall or Theatre to watch a movie?	ONCE A MONTH OR MORE.....1 LESS OFTEN.....2 NEVER.....3		M1Q36MOV
37	How often does your husband go to the cinema?	ONCE A MONTH OR MORE.....1 LESS OFTEN.....2 NEVER.....3 DON'T KNOW.....4 HUSBAND NOT LIVING HERE.....5		M1Q37HUS

MUMBAI SAFE MOTHERHOOD STUDY *Module 2A: Pregnancies*

Q01 Fill in the pregnancy roster

Pregnancy Order (M2Q1PORD)	Child alive Died Miscarriage Induced Abortion CODE* (M2CHILD)	Cause of child death (M2DEATH)	Weeks Premature (M2WKPREM)	Sex M/F/DK (M2SEX)	Year of event (M2YEAR)	Month of event (M2MONTH)	Number of babies from pregnancy (M2NO. BAB)

*Codes 1=Child alive
2=Child died
3=Miscarriage
4=Induced abortion

Q02 Total live children _____ (M2Q2LIVE) Total children who died _____ (M2Q2DIED)
Total miscarriages _____ (M2Q2MISC) Total Induced abortions _____ (M2Q2ABOR)
Grand total pregnancy _____ (check with roster above for consistency) (M2Q2TOT)

Q03 How many times have you taken a goli (G), herbal remedy (H) or injection (I) to get rid of a suspected pregnancy?
Write G,H,I or NEVER as necessary (M2Q3GOLI,M2Q3HERB,M2Q3INJ)

Q04 Pishwi saaf roster (not the same as induced abortion) (M2Q4ORDI)

PS Order	Month (M2Q4MM1/2)	Year (M2Q4YR1/2)	Reason (Code*) (M2Q4REA1/2)	Place (M2Q4PLA1/2)

*Codes =1 Difficulty in conceiving. 2 Heavy Bleeding. 3 Other (Specify).

Roster for multiple births

Serial No. (M2Q5SR1/2)	Born alive Y/N? (M2Q5TWI1/2)	Age at death if died (Hrs/days/months/years) (M2Q5AGHH/DD/YR)

Enter two rows for twins, three for triplets etc.

Pregnancy order no.

MUMBAI SAFE MOTHERHOOD STUDY

Module 2B: Deliveries

No.	Questions and filters	Coding categories Select only one unless otherwise stated	Skip to	Input
01	Was the baby born alive or dead?	BORN ALIVE.....1 BORN DEAD.....2→ MULTIPLE BIRTH.....3→	Q4 Roster multiple births	M2B1ALIV
02	Is that baby still alive today?	YES.....1→ NO.....2	Q5	M2B2DEAD
03	How old was the child when he/she died?	HOURS _____ DAYS _____ MONTHS _____ YEARS _____		M2B3BAG H/D/M/Y
04	Did that baby cry OR move OR breathe when it was born?	YES.....1 NO.....2		M2B4CRY
05	Where were you when you had the baby?	NATAL HOME.....1 IN-LAWS HOME.....2 OWN HOME.....3 OTHER.....4 (Specify _____)		M2B5PLAC M2B5SPF
06	Where was the baby actually delivered?	HOSPITAL.....1 MATERNITY HOME.....2 HOUSEHOLD (MUMBAI).....3→ HOUSEHOLD (OUTSIDE MUMBAI).....4→ OTHER.....5 (specify _____)	Q9 Q9	M2B6DELP M2B6DSPF
07	Did you deliver in a private hospital or a government institution?	GOVERNMENT (MUMBAI).....1 GOVERNMENT (OUTSIDE MUMBAI).....2→ PRIVATE (MUMBAI).....3 PRIVATE(OUTSIDE MUMBAI).....4→	Q9 Q9	M2B7HOSP
08	What is the name of that hospital?	HOSPITAL NAME _____		M2B8NAME
09	Who was your principal attendant?	ANM.....1 DOCTOR.....2 DAI.....3 MOTHER.....4 MOTHER-IN-LAW.....5 OTHER RELATIVE.....6 NO-ONE.....7 OTHER.....8 (specify _____)		M2B9ATTN M2ATNSPF

10	Did you have any problems with the delivery?	CAESAR.....1 FITS.....2 VERY LONG LABOUR.....3 HIGH BLOOD PRESSURE.....4 BLEEDING.....5 TEAR.....6 BREECH.....7 TRANSVERSE LIE.....8 FORCEPS.....9 LOSS OF CONSCIOUS AT DELIVERY....10 OTHER.....11 (specify)	select all that apply	M2B10CES M2Q10FIT M2Q10LAB M2Q10HBP M2Q10BLE M2Q10TER M2Q10BRE M2Q10TRA M2Q10FOR M2Q10CON M2Q10OTH M2Q10SPF
11	Were you cut (episiotomy) when you delivered?	YES.....1 NO.....2		M2B11CUT
12	How many stitches did you receive?	NO. OF STITCHES_____		M2B12STC
13	Did you have a glucose drip at delivery?	YES1 NO2		M2Q13DRP
14	Did you receive an injection to speed up the labour?	YES1 NO2		M2B14INJ

Pregnancy order no.

MUMBAI SAFE MOTHERHOOD STUDY *Module 2C: Miscarriages*

No.	Questions and filters	Coding categories Select only one unless otherwise stated	Skip to	Input
01	In which month of the pregnancy was the miscarriage?	MONTH _____		M2C1MNTH
02	Signs and symptoms?	BLEEDING.....1 SUDDEN SEVERE PAIN.....2 SWELLING.....3 OTHER.....4 (specify _____)	select all that apply	M2C2BLED M2C2PAIN M2C2SWEL M2C2OTH M2C2SPF
03	What did you do at the time of the miscarriage?	STAYED AT HOME.....1 WENT TO HOSPITAL BEFORE.....2 WENT TO HOSPITAL AFTER.....3		M2C3TIME
04	Name of hospital?	NAME _____		M2C4NAME

Pregnancy order no.

MUMBAI SAFE MOTHERHOOD STUDY

Module 2D: Abortions

No.	Questions and filters	Coding categories Select only one unless otherwise stated	Skip to	Input
01	In which month of the pregnancy was the abortion?	MONTH _____		M2D1MONT
02	Where was it done?	NAME (PRIVATE) _____ NAME(GOVERNMENT) _____		M2D2DONE
03	Why was it done?	COULD NOT AFFORD CHILD.....1 TOO CLOSELY SPACED.....2 GIRL CHILD.....3 HEALTH REASONS.....4 OTHER.....5 (specify _____)	select all that apply	M2D3AFF3 M2D3CLOS M2D3GIRL M2D3HEAL M2D3OTH M2D3WSPF
04	Who made the decision?	SELF.....1 HUSBAND.....2 IN-LAWS.....3 JOINTLY WITH HUSBAND.....4 OTHER.....5 (specify _____)		M2D4DECS M2D4DSPF
05	Were there any problems following the abortion?	INFECTION.....1 BLEEDING.....2 SWELLING.....3 PAIN.....4 OTHER.....5 (specify _____)	select all that apply	M2D5INF M2D5BLED M2D5SSWE M2D5PAIN M2D5OTH M2D5PSPF

MUMBAI SAFE MOTHERHOOD STUDY *Module 3: Antenatal care*

No	Questions and filters	coding categories select only one unless otherwise stated	skip to	Input
01	When you were last pregnant How did you come to know that you were pregnant?	MISSED PERIOD.....1 STARTED VOMITING.....2 MEDICAL TEST.....3 OTHER.....4 (specify_____)	select all that apply	M3Q1MISS M3Q1VOMI M3Q1MEDI M3Q1THE M3Q1SPF
02	How long had you been pregnant when you found out?	MONTHS _____ WEEKS _____		M3Q2MMT M3Q2WKS
03	At the time you became pregnant, did you want to be pregnant?	WANTED PREGNANCY THEN.....1 RESERVATIONS BUT ACCEPTED.....2 WANTED TO WAIT UNTIL LATER.....3 DIDN'T WANT PREGNANCY.....4		M3Q3WANT
04	During pregnancy, did you book for a hospital delivery?	YES.....1 NO.....2→	Q8	M3Q4BOOK
05	Which month did you register?	1.....1 2.....2 3.....3 4.....4 5.....5 6.....6 7.....7 8.....8 9.....9		M3Q5MREG
05a	Where did you book?	NAME OF HOME/HOSPITAL _____		M3B5HOSP
06	Why did you book there?	CLOSE BY.....1 EASY TO GET TO.....2 AFFORDABLE.....3 COMMON KNOWLEDGE.....4 PREVIOUS DELIVERY THERE.....5 RECOMMENDED.....6 REFERRED FOR PROBLEM.....7 OTHER.....8 (specify_____)		M3Q6CLBY M3Q6EASY M3Q6AFFO M3Q6KDGE M3Q6PRED M3Q6RECM M3Q6PROB M3Q6OTHS M3Q6OSPF
07	Who recommended this place?	PERSON _____		M3Q7PSON

08 PROBLEM ROSTER

Month of pregnancy	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
What problems did you have? (enter 1,2,3..etc for each month according to order of response)									
VAGINAL BLEEDING									
WHITE DISCHARGE									
HEADACHES									
DIZZY									
BLURRED VISION									
FEVER									
FITS									
SICKNESS									
HEARTBURN									
VOMITING									
UPPER ABDO PAIN									
LOWER ABDO PAIN/HEAVINESS									
SWELLING OF FACE/HANDS									
SWELLING OF LEGS/ANKLES									
SHORT OF BREATH(WALKING)									
PALENESS									
COUGH									
MALARIA									
DYSENTERY/DIARRHOEA									
TYPHOID									
JAUNDICE									
TB									
OTHER(specify)									
CODING <i>Codes refer to the month of pregnancy and the order of problems that have been stated. (e.g. MTH2CH05 = the fifth problem mentioned in the 2nd month. This is coded: 1 if mentioned; 0 if not)</i>	MTH 1 CH01 To CH13	MTH 2 CH01 To CH03	MTH 3 CH01 To CH13	MTH 4 CH01 To CH13	MTH 5 CH01 To CH13	MTH 6 CH01 To CH13	MTH 7 CH01 To CH13	MTH 8 CH01 To CH13	MTH 9 CH01 To CH13

09 During your last pregnancy, did you have any bleeding, fits or fevers?
(COMPLETE DOWNWARDS, COLUMN BY COLUMN)

Vaginal bleeding	Fits	High Fevers
V1 During your pregnancy, did you have any vaginal bleeding? YES.....1 NO.....2→ Col 2 (Fits)	F1 During your pregnancy, did you ever have a convulsion or fit? YES.....1 NO.....2→ Col 3 (Fever)	H1 During your pregnancy, did you ever have a high fever? YES.....1 NO.....2→ Q10
V2 When did this first occur? MONTH OF PREGNANCY _____ DK.....99	F2 When did this first occur? MONTH OF PREGNANCY _____ DK.....99	H2 When did this first occur? MONTH OF PREGNANCY _____ DK.....99
V3 Was the bleeding so much that you were afraid you might die? YES.....1 NO.....2	F3 Have you had fits outside of this pregnancy? YES.....1 NO.....2	H3 Question about early breaking of waters
V4 Was the bleeding associated with abdominal pain? YES.....1 NO.....2	F4 Were your previous fits when you were pregnant or just delivered? YES.....1 NO.....2	H4 Associated symptoms?
V5 Did you seek treatment for this at any time during your pregnancy? YES.....1 NO.....2→ V8	F5 Did you seek treatment for this at any time during your pregnancy? YES.....1 NO.....2→ F8	H5 Did you seek treatment for this at any time during your pregnancy? YES.....1 NO.....2→ H8
V6 Who did you go to? (tick all that apply) PRIVATE DOCTOR.....1 PRIVATE DR IN NURSING HOME...2 DOCTOR IN MUNICIPAL HOSPITAL/HOME3 NURSE/MIDWIFE.....4 TRAINED DAI.....5 CHARITABLE HOSPITAL.....6 OTHER.....7 (specify _____)	F6 Who did you go to? (tick all that apply) PRIVATE DOCTOR.....1 PRIVATE DR IN NURSING HOME...2 DOCTOR IN MUNICIPAL HOSPITAL/HOME3 NURSE/MIDWIFE.....4 TRAINED DAI.....5 CHARITABLE HOSPITAL.....6 OTHER.....7 (specify _____)	H6 Who did you go to? (tick all that apply) PRIVATE DOCTOR.....1 PRIVATE DR IN NURSING HOME...2 DOCTOR IN MUNICIPAL HOSPITAL/HOME3 NURSE/MIDWIFE.....4 TRAINED DAI.....5 CHARITABLE HOSPITAL.....6 OTHER.....7 (specify _____)
V7 Did you stay in hospital as a result of this problem? YES.....1 NO.....2 GOTO COL 2 (Fits)	F7 Did you stay in hospital as a result of this problem? YES.....1 NO.....2 GOTO COL 3 (Fever)	H7 Did you stay in hospital as a result of this problem? YES.....1 NO.....2 GOTO Q10
V8 Why did you not seek treatment? I THOUGHT SYMPTOMS NOT SERIOUS.....1 FAMILY MEMBERS THOUGHT SYMPTOMS NOT SERIOUS.....2 OTHER.....3 (specify _____)	F8 Why did you not seek treatment? I THOUGHT SYMPTOMS NOT SERIOUS.....1 FAMILY MEMBERS THOUGHT SYMPTOMS NOT SERIOUS.....2 OTHER.....3 (specify _____)	H8 Why did you not seek treatment? I THOUGHT SYMPTOMS NOT SERIOUS.....1 FAMILY MEMBERS THOUGHT SYMPTOMS NOT SERIOUS.....2 OTHER.....3 (specify _____)
GOTO COL 2 (Fits) Coding M3V1-V8	GOTO COL 2 (Fever) Coding M3F1-F8	GOTO q10 Coding M3H1-H8

10 CHECK UP ROSTER Enter numbers in each box- select all that apply (and specify 'other' in box)

Month of pregnancy	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
CH1 Why did you have the check up? ROUTINE.....1 PROBLEM.....2 CONFIRM PREGNANCY.....3 BOOK DELIVERY.....4 OTHER(Specify).....5									
CH2 Who did you see? PRIVATE DOCTOR.....1 DR IN PRIVATE NURSING HOME.....2 DR IN MUNICIPAL HOSPITAL/HOME.....3 NURSE.....4 DAI.....5 OTHER(Specify).....6									
CH3 Why did you choose him/her? LOW COST.....1 GOOD QUALITY.....2 CLOSE BY.....3 EASY TO GET TO.....4 RECOMMENDED(Specify).....5 SAME PERSON AS LAST PREGNANCY.....6 GOOD TOUCH.....7 OTHER DR NOT AVAILABLE.....8 OTHER(Specify).....9									
CH4 Did you have the following done? BLOOD PRESSURE TAKEN.....1 VAGINAL EXAMINATION.....2 URINE TEST.....3 FACE/FINGERS SWELLING CHECK.....4 LEGS/ANKLES/FEET SWELLING CHECK.....5 ABDOMEN MEASURED.....6 PALPATED.....7 TOLD BABY'S POSITION.....8 BABY'S HEART BEAT CHECKED.....9 HEIGHT MEASURED.....10 WEIGHT TAKEN.....11 EYES CHECKED.....12 BLOOD TEST.....13 STRENGTH TABLES.....14 OTHER TABLES.....15 TETANUS JAB.....16 STETHOSCOPE FOR CHEST CHECK.....17 SONOGRAPHY.....18 BLACK INJECTION.....19 GLUCOSE DRIP.....20									
Ch5 Were you given info on the following? DANGER SIGNS IN PREGNANCY.....1 WHAT TO DO IF DANGER ARISES.....2 GOOD DIET.....3 BREASTFEEDING.....4 CONTRACEPTION.....5 POST-NATAL CHECKS.....6 WATER INTAKE.....7 CONSTIPATION.....8 CARE OF BREASTS.....9									
CH6 Were you asked to make provision for blood? Yes/No									
CH7 Were you asked about the following? YOUR AGE.....1 THE DATE OF YOUR LAST PERIOD.....2 RECENT MALARIA ATTACKS.....3 PREVIOUS PREGNANCY.....4 PREVIOUS STILL BIRTHS.....5 PREVIOUS BLEEDING.....6 PREVIOUS FITS.....7 PREVIOUS LONG LABOURS.....8 PREVIOUS HIGH BLOOD PRESSURE.....9 OTHER DIFFICULTIES IN PREVIOUS DELIVERIES.....10 WHITE VAGINAL DISCHARGE.....11 RECENT MOVEMENTS OF THE BABY.....12									

11	Have you ever had anaemia/not enough blood?	YES, BEFORE THE LAST DELIVERY...1 YES, SINCE THE LAST DELIVERY.....2 NO.....3→	Q16	M3Q11BLO
12	Who gave you this diagnosis?	SELF.....1 PRIVATE DOCTOR.....2 DR IN PRIVATE NURSING HOME.....3 DR IN MUNICIPAL HOSP/HOME.....4 NURSE.....5 DAI.....6 OTHER.....7 (specify _____) Write name if Doctor seen _____		M3Q12DIA M3Q12SPF
13	Were you told to take any liquid medicine during your last pregnancy?	YES.....1 NO.....2		M3Q13MED
14	Did you take any liquid medicine?	REGULARLY.....1 SOMETIMES.....2 HARDLY EVER.....3 NEVER.....4		M3Q14TAK
15	Why did you not take the liquid regularly?	TOO EXPENSIVE.....1 FORGOT.....2 MADE ME SICK.....3 MADE ME HUNGRY.....4 OTHER.....5 (specify _____)		M3Q15LIQ
16	Were you told to take strength golis during your pregnancy?	YES.....1 NO.....2→	Q21	M3Q16GOL
17	Were you given a supply of golis?	YES, GIVEN A COMPLETE SUPPLY...1 YES, GIVEN SOME THEN I HAD TO OBTAIN MORE.....2 TOLD TO BUY PILLS FROM A LOCAL SOURCE.....3		M3Q17SUP
18	Did you take the golis?	REGULARLY.....1→ SOMETIMES.....2 HARDLY EVER.....3 NEVER.....4	Q22	M3Q18TAK
19	Why did you not take the golis regularly?	TOO EXPENSIVE.....1 FORGOT.....2 MADE ME SICK.....3 MEDE ME HUNGRY.....4 OTHER.....5 (specify _____)		M3Q19NOT M3Q19SPF
20	After having your blood pressure measured were you ever told that the pressure was high?	YES ONCE.....1 YES MORE THAN ONCE.....2 NO.....3→ BLOOD PRESSURE NOT MEASURED4→	Q22 Q22	M3Q20BP
21	How long had you been pregnant when this first happened?	MONTHS _____		M3Q21MTS

22	During your pregnancy did you change your diet?	EAT MORE.....1 EAT LESS.....2 AVOIDED CERTAIN FOODS.....3 (specify _____) TOOK EXTRA FOODS.....4 (specify _____)	select all that apply	M3Q22MOR M3FDSPF M3Q22AVO M2FDSPF M3Q22EXT M3EXTSPF
23	Do you normally observe fast days?	YES.....1 NO.....2→	Q26	M3Q23FST
24	How often do you observe fast days?	TIMES PER MONTH _____		M3Q24WKS
25	Did you fast as normal during your pregnancy?	YES.....1 NO.....2		M3Q25FSP
26	Did you work as usual when you were pregnant?	WORKED AS NORMAL.....1 WORKED LESS.....2		M3Q26WRK
27	Did anyone help you with your work whilst pregnant who didn't normally?	YES.....1 NO.....2 (specify _____)		M3Q27HLP M3Q27SPF
28	Were you told during the pregnancy that your weight was too low?	YES.....1 NO.....2		M3Q28WTH
29	Did you have a home-based antenatal card from the Municipal Corporation of Mumbai? (show an example of a card)	YES.....1 NO.....2→	M4	M3Q29ANE
30	Did the person/s who helped in your last delivery see the card?	YES.....1 NO.....2		M3Q30SEE
31	Do you still have the card? (Take details if available)	YES.....1 NO.....2		M3Q31CRD

MUMBAI SAFE MOTHERHOOD STUDY
HOME BIRTHS AND BIRTHS ENROUTE

Module 4: Delivery care

No	Questions and filters	Coding categories Select only one unless otherwise stated	Skip to	Input
PLANNING THE DELIVERY				
01	Where did you deliver the baby?	MARITAL HOUSEHOLD IN MUMBAI.....1→ NATAL HOUSEHOLD IN MUMBAI.....2→ HOUSEHOLD OUTSIDE MUMBAI.....3→ ENROUTE TO A HOSP IN MUMBAI.....4 ENROUTE TO A HOSP OUTSIDE MUMBAI.....5→ OTHER.....6 (specify _____)	Q3 Q3 Q3 Q3	MHQ1DEL HMQ1SPF
02	If enroute, why did you deliver enroute?	TOO LATE BECAUSE HAD TO WAIT FOR TRANSPORT.....1 TOO LATE BECAUSE IT TOOK A LONG TIME TO GET TO THE HOSPITAL.....2 BABY CAME MORE QUICKLY THAN EXPECTED.....3 TOO LATE BECAUSE I HAD HOUSEHOLD DUTIES TO COMPLETE.....4 TOO LATE BECAUSE HAD TO WAIT FOR HUSBAND.....5 TOO LATE BECAUSE HAD TO WAIT FOR OTHER RELATIVE.....6 OTHER.....7 (specify _____)	select all that apply	HMQ2ROUT
03	Had you planned to deliver at home?	YES.....1→ NO.....2	Q8	HMQ3PLAN
04	If no, where had you planned to deliver?	NAME OF GOV HOSP/HOME _____ _____ NAME OF PRIVATE HOSP/HOME _____ _____ NAME OF CHARITABLE HOSPITAL _____ _____ OTHER(specify _____)		
05	Why did you deliver in a different place from where you had planned?	DIDN'T HAVE TIME TO GET TO HOSP.....1 GAVE BIRTH EN ROUTE.....2 PREMATURE BIRTH.....3 OTHER.....4 (specify _____)		HMQ5DIFF HMQ5SPF

06	Why did you plan to deliver at that particular hospital?	DIDN'T PLAN TO DELIVER AT HOSP.....1 GOOD REPUTATION.....2 NEARBY.....3 GOOD VALUE FOR MONEY.....4 FREE SERVICE.....5 RECOMMENDED BY FRIEND/RELATIVE.....6 DELIVERED HERE BEFORE.....7 NO ALTERNATIVE.....8 TOLD TO BY RELATIVE.....9 TOLD TO BY HEALTH WORKER.....10 KNEW SOMEONE WHO WORKED THERE.....11 OTHER.....12 (specify _____)	select all that apply	HMQ6CH1 HMQ6CH2 HMQ6CH3
07	Why did you plan to deliver at hospital rather than at home?	DIDN'T PLAN TO DELIVER IN A HOSPITAL.....1 GOOD REPUTATION.....2 NEARBY.....3 GOOD VALUE FOR MONEY.....4 FREE SERVICE.....5 RECOMMENDED BY FRIENDS/RELATIVES.....6 DELIVERED HERE BEFORE.....7 NO ALTERNATIVE.....8 TOLD TO BY RELATIVES.....9 TOLD TO BY HEALTH WORKER.....10 KNEW SOMEONE WHO WORKED THERE.....11 OTHER.....12 (specify _____)	select all that apply	HMQ7CH1 HMQ7CH2 HMQ7CH3
08	Did you make provision for blood for your delivery?	YES.....1 NO.....2		HBQ8PROV
09	After delivery, did you stay on at home or did you proceed to the hospital?	STAYED AT HOME.....1 PROCEEDED TO THE HOSPITAL.....2		HMQ9STAY
10	Did you need blood?	YES.....1 NO.....2→	Q12	HMQ10BLO
11	If yes, where did you get the blood?	HOSPITAL BANK(DELIVERY HOSP).....1 HOSPITAL BANK(OTHER HOSP).....2 PRIVATE CLINIC.....3 RELATIVES/FRIENDS.....4 DIDN'T GET BLOOD.....5		HMQ11GET

12	Why did you plan to deliver at home rather than at a hospital?	DIDN'T PLAN TO DELIVER AT HOME.....1 MORE COMFORTABLE.....2 HOSPITAL STAFF NOT HELPFUL3 TO AVOID FINE.....4 TOO EXPENSIVE AT HOSPITAL.....5 TOO TIME-CONSUMING AT HOSPITAL....6 NOT CLEAN AT HOSPITAL.....7 NOT SAFE AT HOSPITAL.....8 EXPERIENCE IN HOSPITAL NOT NICE.....9 HOSPITALS ARE NOT FOR ME.....10 DIDN'T WANT TO HAVE A LIGATION....11 TOLD TO BY RELATIVE.....12 TOLD TO BY HEALTH WORKER.....13 HOMEBIRTH TRADITION IN MY COMMUNITY.....14 CAN CONTINUE WITH DUTIES IF AT HOME.....15 PREVIOUS EASY DELIVERIES – NO NEED.....16 OTHER.....17 (specify _____)	select all that apply	HMQ12CH1 HMQ12CH2 HMQ12CH3
15	Did you go to your hometown/village for the birth?	YES.....1 NO.....2→	Q19	HMQ13VIL
16	If yes, why did you go to your hometown/village to deliver?	TRADITIONAL (1st BIRTH AT HOME).....1 HUSBAND TOLD ME TO.....2 MOTHER IN LAW TOLD ME TO.....3 SUPPORT OF NATAL KIN4 MORE COMFORTABLE THERE.....5 HOSPITAL HERE TOO EXPENSIVE.....6 DIDN'T WANT A HOSPITAL BIRTH.....7 OTHER.....8 (specify _____)	select all that apply	HMQ14TRA HMQ14HUS HMQ14MIL HMQ14NAT HMQ14CMF HMQ14COS HMQ14WAN HMQ14OTH
15	How long before the birth did you go?	MONTHS _____ WEEKS _____		HMQ15BM O HMQ15BFW
16	How long after the birth did you return?	MONTHS _____ WEEKS _____		HMQ16AFM HMQ16AFW
LABOURING AND DELIVERING				
17	How long would you say it was from the first signs of labour to delivery?	HOURS _____		HMQ17LON
18	Who was present while you were in labour?	DOCTOR.....1 MATRON.....2 NURSE OR ANM.....3 AYABAI.....4 DAI.....5 MOTHER.....6 MOTHER IN LAW.....7 SISTER.....8 OTHER FEMALE RELATIVE.....9 FRIEND/NEIGHBOUR.....10 OTHER WOMEN IN LABOUR.....11 OTHER.....12 (specify _____)	select all that apply	HMQ18CH1 HMQ18CH2 HMQ18CH3 HMQ18SPF

19	Besides the above, would you have liked anyone else in particular to be there?	DOCTOR.....1 MATRON.....2 NURSE OR ANM.....3 AYABAI.....4 MOTHER.....5 MOTHER IN LAW.....6 SISTER.....7 OTHER FEMALE RELATIVE.....8 FRIEND/NEIGHBOUR.....9 DAI.....10 OTHER WOMEN IN LABOUR.....11 NO-ONE ELSE WANTED.....12 OTHER.....13 (specify if other _____)	select all that apply	HMQ19LIK HMQ19SPF
20	Why were they not with you?	NOT AVAILABLE.....1 NOT ALLOWED.....2 TOO COSTLY, INCONVENIENT.....3 LOOKING AFTER CHILDREN.....4 NOT APPLICABLE.....5 OTHER.....6 (specify _____)		HMQ20NOT HMQ20SPF
21	Who was the principal person assisting you at delivery?	DOCTOR.....1 MATRON.....2 NURSE/ANM.....3 AYABAI.....4 NO-ONE.....5 OTHER.....6 (specify if other _____)	tick only one	HMQ21HEL HMQ21SPF
22	Did the person who attended you most in labour and delivering explain to you clearly what was happening?	YES DEFINITELY.....1 YES, TO SOME EXTENT.....2 NO, NOT REALLY.....3		HMQ22EXP
23	About how many times during your labour and delivery did the following happen?	No of times VAGINAL EXAMINATION.....1 BLOOD PRESSURE CHECKED.....2 TEMPERATURE TAKEN.....3 STETHOSCOPE USED TO LISTEN TO BABY.....4 SOMEONE FELT YOUR BELLY.....5 DRIP INSERTED.....6	record number of times for each	HMQ23VAG HMQ23BP HMQ23TEM HMQ23STE HMQ23BEL HMQ23DRI
24	Did your principal attendant look at your antenatal card/notes?	YES.....1 NO.....2 DON'T REMEMBER.....3 NO CARD.....4		HMQ24CRD
25	Was anything done to relieve the pain of labour?	YES.....1 NO.....2→	Q27	HMQ25REL
26	If yes, what was done?	HERBAL REMEDY.....1 OXYGEN.....2 INJECTION.....3 ANAESTHETIC IN SPINE.....4 OTHER.....5 (specify _____)		HMQ26YES HMQ26SPF
27	Was anything done to speed up or bring the labour pains on?	YES.....1 NO.....2→	Q30	HMQ27SPD

28	If yes, what was done? (first unprompted, then read out list)	HERBAL REMEDY.....1→ INJECTION.....2 DRIP.....3→ PESSARY.....4→ ARTIFICIAL BREAKING OF WATERS.....5→ OTHER.....6→ (specify_____)	Q30 Q30 Q30 Q30 Q30	HMQ28YES HMQ28SPF
29	If injection, how many were given?	NUMBER_____ DON'T REMEMBER.....999		HMQ29INJ
30	Were instruments used to help the baby out, or did the baby arrive by itself?	INSTRUMENTS.....1 BY ITSELF.....2		HMQ30INS
31	Was anything else done to help the baby out?	ABDOMINAL MASSAGE.....1 PRESSURE APPLIED TO ABDOMEN.....2 URGED TO BREATHE OUT/BEAR DOWN.....3 OTHER.....4 (specify_____)	select all that apply	HMQ31CH1 HMQ31CH2 HMQ31SPF
32	What part of the baby came out first?	HEAD.....1 OTHER.....2 (specify_____) DON'T KNOW.....3		HMQ32PAR
33	What position were you in when you delivered your baby?	LYING DOWN.....1 SITTING UP.....2 DON'T REMEMBER.....3 OTHER.....4 (specify_____)		HMQ33POS
34	Did the placenta come out by itself?	YES.....1→ NO.....2 DON'T KNOW.....3	Q37	HMQ34PLA
35	If no, what was done to remove it?	INJECTION AFTER BABY WAS OUT.....1 MANUAL REMOVAL.....2 ABDOMINAL MASSAGE.....3 OTHER.....4 (specify_____)		HMQ35REM HMQ35SPF
36	Was this done as an emergency because of a problem?	EMERGENCY.....1 NOT AN EMERGENCY.....2		HMQ36EME
37	Did someone pull on the cord to help the placenta out?	YES.....1 NO.....2 DON'T REMEMBER.....3		HMQ37COR
38	Was your uterus examined internally after the delivery of the placenta?	YES.....1 NO.....2 DON'T KNOW.....3		HMQ38UTE
39	What was used to cut the cord?	HOUSEHOLD KNIFE OR SCISSORS.....1 NEW BLADE.....2 USED BLADE.....3 OTHER.....4 (specify_____)		HMQ39USE HMQ39SPF
40	Was the cord cutting instrument cleaned?	YES.....1 NO.....2→	Q42	HMQ40CLE
41	If yes, how was it cleaned?	SPECIFY_____		HMQ41YES

42	Was anything applied to the area of the cord?	SPECIFY _____		HMQ42APP
43	If you had stitches, was it painful when they were put in?	VERY PAINFUL.....1 FAIRLY PAINFUL.....2 UNCOMFORTABLE.....3 NOT PAINFUL AT ALL.....4 NO STITCHES.....5		HMQ43STI
44	Were you told how to keep them clean?	YES.....1 NO.....2 NO STITCHES.....3		HMQ44CLE
45	Did you know the sex of the baby before you delivered?	YES.....1 NO.....2→	Q47	HMQ45SEX
46	If yes, how did you know?	AMNIOCENTESIS.....1 SONOGRAPHY.....2 OTHER.....3 (specify _____)		HMQ46HOW
47	Do any of the following describe your treatment by doctors or matrons during labour and delivery?	KIND AND UNDERSTANDING.....1 FAIRLY KIND2 NEGLECTFUL.....3 HURRIED.....4 SHOUTED AT YOU.....5 SLAPPED/HIT YOU.....6 DID NOT COME INTO CONTACT.....7 OTHER.....8 (specify _____)	select all that apply	HMQ47DOC
48	Do any of the following describe your treatment by ANMs or nurses during labour and delivery?	KIND AND UNDERSTANDING.....1 FAIRLY KIND2 NEGLECTFUL.....3 HURRIED.....4 SHOUTED AT YOU.....5 SLAPPED/HIT YOU.....6 DID NOT COME INTO CONTACT.....7 OTHER.....8 (specify _____)	select all that apply	HMQ48ANM
49	Do any of the following describe your treatment by dais or ayabais or dais during labour and delivery?	KIND AND UNDERSTANDING.....1 FAIRLY KIND2 NEGLECTFUL.....3 HURRIED.....4 SHOUTED AT YOU.....5 SLAPPED/HIT YOU.....6 DID NOT COME INTO CONTACT.....7 OTHER.....8 (specify _____)	select all that apply	HMQ49BAI
50	Do any of the following describe your treatment by relatives during labour and delivery?	KIND AND UNDERSTANDING.....1 FAIRLY KIND2 NEGLECTFUL.....3 HURRIED.....4 SHOUTED AT YOU.....5 SLAPPED/HIT YOU.....6 DID NOT COME INTO CONTACT.....7 OTHER.....8 (specify _____)	select all that apply	HMQ50REL

PROBLEMS IN LABOUR AND DELIVERY (COMPLETE DOWNWARDS, COLUMN BY COLUMN)

During your delivery, did you have bleeding, fits or prolonged labour?

Vaginal bleeding	Fits	Prolonged labour
B1 When you delivered, did you bleed so much that you were afraid you might die? YES.....1 NO.....2 → Col 2 (Fits)	F1 During your delivery, did you have a convulsion or fit? YES.....1 NO.....2 → Col 3 (Prolonged labour)	P1 Were you examined vaginally during the labour? NEVER.....1 ONCE2 TWO OR MORE TIMES.....3
B2 For how many hours did the severe bleeding last? _____ HOURS _____ DAYS DON'T KNOW/REMEMBER.999	F2 Have you had any fits outside of pregnancy/delivery before this? YES.....1 NO.....2	P2 How long would you say it was from when the pains were strong and regular to delivering the baby? 0-2 HOURS.....1 → Q52 3-5 HOURS.....2 6-12 HOURS.....3 12-18 HOURS.....4 18-24 HOURS.....5 MORE THAN 24 HOURS.....6 DON'T REMEMBER.....7
B3 Did you seek treatment for this at any time during your labour, delivery or soon afterwards? YES.....1 NO.....2 → B6	F3 Did you seek treatment for this at any time during your labour, delivery or soon afterwards? YES.....1 NO.....2 → F6	P3 Did you seek treatment for prolonged labour at any time? YES.....1 NO.....2 → P6
B4 Who attended to you? (select all that apply) PRIVATE DOCTOR.....1 DR IN PRIV NURSING HOME.....2 DR IN MUNICIPAL HOSP/HOME.....3 NURSE.....4 AYABAI.....5 DAI.....6 OTHER.....7 (specify _____) Write name if doctor seen	F4 Who attended to you? (select all that apply) PRIVATE DOCTOR.....1 DR IN PRIV NURSING HOME.....2 DR IN MUNICIPAL HOSP/HOME.....3 NURSE.....4 AYABAI.....5 DAI.....6 OTHER.....7 (specify _____) Write name if doctor seen	P4 Who attended to you? (select all that apply) PRIVATE DOCTOR.....1 DR IN PRIV NURSING HOME.....2 DR IN MUNICIPAL HOSP/HOME.....3 NURSE.....4 AYABAI.....5 DAI.....6 OTHER.....7 (specify _____) Write name if doctor seen
B5 Did you go to hospital as a result of this problem? YES.....1 NO.....2 GOTO COL 2 (Fits)	F5 Did you go to hospital as a result of this problem? YES.....1 NO.....2 GOTO COL 3 (Prolonged labour)	P5 Did you go to hospital as a result of this problem? YES.....1 NO.....2 GOTO Q52
B6 Why did you not seek treatment? TOO FAR TO GO.....1 TOO COSTLY TO GO.....2 TIMINGS NOT CONVENIENT.....3 I THT SYMPTOMS NOT SERIOUS.....4 FAMILY MEMBERS THOUGHT SYMPTOMS NOT SERIOUS.....5 POOR QUALITY OF TREATMENT.....6 HUSBAND NOT THERE.....7 PREVIOUS BAD EXPERIENCE.....8 TOO MUCH TO DO.....9 OTHER.....10 (specify _____) GOTO COL 2 (Fits)	F6 Why did you not seek treatment? TOO FAR TO GO.....1 TOO COSTLY TO GO.....2 TIMINGS NOT CONVENIENT.....3 I THT SYMPTOMS NOT SERIOUS...4 FAMILY MEMBERS THOUGHT SYMPTOMS NOT SERIOUS.....5 POOR QUALITY OF TREATMENT .6 HUSBAND NOT THERE.....7 PREVIOUS BAD EXPERIENCE8 TOO MUCH TO DO.....9 OTHER.....10 (specify _____) GOTO COL 2 (Prolonged labour)	P6 Why did you not seek treatment? TOO FAR TO GO.....1 TOO COSTLY TO GO.....2 TIMINGS NOT CONVENIENT.....3 I THT SYMPTOMS NOT SERIOUS...4 FAMILY MEMBERS THOUGHT SYMPTOMS NOT SERIOUS.....5 POOR QUALITY OF TREATMENT .6 HUSBAND NOT THERE.....7 PREVIOUS BAD EXPERIENCE8 TOO MUCH TO DO.....9 OTHER.....10 (specify _____) GOTO Q52

No.	Questions and filters	Coding categories	Skip to	Input
AFTER THE DELIVERY				
52	Was the baby weighed?	YES.....1 NO.....2		HMQ52WEI
53	What did the baby weigh? (If not weighed, or if they don't remember, get them to guess) (they must also state small, medium, or large)	KG _____ (weighed) KG _____ (guessed) SMALL.....1 MEDIUM.....2 LARGE.....3		HMQ53KG HMQ53SMA
54	How long were you separated from your baby immediately after the birth?	MINUTES _____ HOURS _____ DAYS _____		HMQ54MIN HMQ54HRS HMQ54DAY
55	Do you know why you and your baby were separated for that long?	TO CLEAN THE BABY.....1 TO CHECK THE BABY.....2 THE BABY WAS NOT WELL.....3 THE BABY WAS DEAD.....4 I WAS BEING STITCHES.....5 I WAS NOT WELL.....6 NO, NOT SURE.....7 OTHER.....8 (specify _____)		HMQ55CH1 HMQ55CH2 HPQ55SPF
56	Did you breastfeed the baby on the first day?	YES.....1→ NO.....2	Q58	HMQ56FED
57	If no, why did you not breastfeed on the first day?	UNABLE TO BF.....1 FIRST MILK UNSUITABLE.....2 WANTED TO BOTTLE FEED.....3 BABY UNABLE TO FEED.....4 I WAS TOO WEAK.....5 OTHER.....6 (specify _____)		HMQ57NOT HMQ57SPF
58	What did you feed the baby on the first day (apart from breast milk)?	SPECIFY _____		HMQ58NO
59	How long after the delivery did you put the baby to your breast?	MINUTES _____ HOURS _____ DAYS _____ NOT APPLICABLE.....9999→	Q61	HMQ59MIN HMQ59HRS HMQ59DAY
60	How did you know how to breastfeed?	DIDN'T BREASTFEED.....1 HAD BABY BEFORE.....2 CAME NATURALLY.....3 NURSE/ANM SHOWED ME.....4 AYABAI/DAI SHOWED ME.....5 OTHER MOTHER SHOWED ME.....6 MOTHER-IN-LAW SHOWED ME.....7 OTHER RELATIVE SHOWED ME.....8 OTHER.....9 (specify _____)		HMQ60HOW HMQ60SPF
61	Were you offered any bottled/cows milk for your baby?	YES.....1 NO.....2→	Q63	HMQ61COW
62	If yes, why was that?	PROBLEMS BREASTFEEDING.....1 NOT ENOUGH MILK.....2 BABY UNWELL.....3 BABY HUNGRY.....4 DON'T KNOW.....5 TOO WEAK TO BREASTFEED.....6 OTHER.....7 (specify _____)		HMQ62CH1 HMQ62CH2 HMQ62SPF

63	Do you want to have another baby?	SOON.....1 LATER.....2 NEVER.....3		HMQ63BAB
64	Did anyone speak to you about how to delay or avoid another pregnancy?	YES.....1 NO.....2→	Q67	HMQ64DEL
65	If yes, what have you been advised to use?	TUBAL LIGATION.....1 MALA D (OC).....2 IUD.....3 OTHER.....4 (specify _____)		HMQ65USE HMQ56SPF
66	Who advise you?	SPECIFY _____		HMQ66ADV
66	Did you have to pay for any of the following during your labour and delivery (or afterwards if you went into hospital)?	Medication during labour: Rs DRIP _____ INJECTIONS _____ ANTIBIOTICS _____ NEEDLES _____ OTHER _____ Medication after delivery: ANTIBIOTICS _____ INJECTIONS _____ OTHER _____ Other costs SANITARY PADS _____ COTTON WOOL _____ FEE FOR DAI _____ TIPS TO SWEEPERS _____ TIPS TO AYABAIS _____ TIPS TO NURSES AND ANMS _____ TIPS TO DOCTORS _____ SPECIAL FOODS _____ OTHER _____ (specify _____) Total _____		HMQ67BDR HMQ67BIN HMQ67BIN HMQ67BAN HMQ67BNE HMQ67BOT HMQ67AAN HMQ67AIN HMQ67AOT HMQ67PAD HMQ67COT HMQ67DAI HMQ67SWE HMQ67AYA HMQ67ANM HMQ67DOC HMQ67FOO HMQ67OTH HMQ67TOT
68	Did you have a scan (Sonography) during your pregnancy?	YES, ONCE.....1 YES, MORE THAN ONCE.....2 NO.....3→	Q70	HMQ68SON
69	If yes, how much did this cost each time?	Rs _____		HMQ69RS
70	Did you have an X-ray of your pelvis during your pregnancy?	YES, ONCE.....1 YES, MORE THAN ONCE.....2 NO.....3→	Q72	HMQ70XRY
71	If yes, how much did this cost each time?	Rs _____		HMQ71YES
72	Did you have an amniocentesis during your pregnancy?	YES.....1 NO.....2→	Mod 5	HMQ72AMN
73	If yes, how much did this cost each time?	Rs _____		HMQ73RS

MUMBAI SAFE MOTHERHOOD STUDY *Module 4: Delivery care*

HOSPITAL BIRTHS

No.	Questions and filters	Coding categories	Skip to	Input
TIMING AND PLANNING OF THE DELIVERY				
01	Had you planned to deliver in the place you delivered?	YES.....1→ NO.....2	Q4	HPQ1PLAN
02	If no, where had you planned to deliver?	NAME OF GOVT HOSPITAL/HOME _____ 1 NAME OF PRIVATE HOSP/HOME _____ 2		HPQ2IFNO
03	Why did you deliver in a different place?	EMERGENCY HOSPITAL ADMISSION.....1 REFERRED.....2 DIDN'T HAVE TIME TO GET TO HOSPITAL.....3 PREMATURE BIRTH.....4 OTHER.....5 (specify _____)	Q5	HPQ3DIFF HPQ3SPF
04	Why did you plan to deliver at that particular hospital?	DIDN'T PLAN TO DELIVER AT HOSP.....1 GOOD REPUTATION.....2 NEARBY.....3 GOOD VALUE FOR MONEY.....4 FREE SERVICE.....5 RECOMMENDED BY. FRIEND/RELATIVE.....6 DELIVERED HERE BEFORE.....7 NO ALTERNATIVE.....8 TOLD TO BY RELATIVE.....9 TOLD TO BY HEALTH WORKER.....10 KNEW SOMEONE WHO WORKED THERE.....11 OTHER.....12 (specify _____)	select all that apply	HPQ4NOPL HPQ4GOOD HPQ4NEAR HPQ4VALU HPQ4FREE HPQ4RECM HPQ4PRED HPQ4ALT HPQ4RELA HPQ4TOLD HPQ4KNEW HPQ4OTH
05	Why did you plan to deliver at hospital rather than at home?	DIDN'T PLAN TO DELIVER IN A HOSPITAL.....1 SAFER.....2 RECOMMENDED BY HEALTH WORKER.3 NO-ONE TO ATTEND AT HOME.....4 RECOMMENDED BY FRIENDS/RELATIVES TOLD TO BY RELATIVES.....6 TOLD TO BY HEALTH WORKER.....7 HAD PREGNANCY PROBLEMS.....8 MUST HAVE 1 ST BIRTH IN HOSPITAL.....9 HAD PROBLEMS IN PREVIOUS PREGNANCY/DELIVERY.....10 OTHER.....11 (specify _____)	select all that apply	HPQ5NOPL HPQ5SAFE HPQ5RECM HPQ5ATTN HPQ5RELT HPQ5RELA HPQ5TOLD HPQ5PRO HPQ51ST HPQ5PREV HPQ5OTH

06	Why did you plan to deliver at home rather than at hospital?	DIDN'T PLAN TO DELIVER AT HOME.....1 MORE COMFORTABLE.....2 HOSPITAL STAFF NOT HELPFUL.....3 TO AVOID FINE.....4 TOO EXPENSIVE AT HOSPITAL.....5 TOO TIME CONSUMING AT HOSPITAL....6 NOT CLEAN AT HOSPITAL.....7 NOT SAFE AT HOSPITAL.....8 EXPERIENCE IN HOSPITAL NOT NICE....9 HOSPITAL ARE NOT FOR ME.....10 DIDN'T WANT TO HAVE A LIGATION....11 TOLD TO BY RELATIVE/FRIEND.....12 TOLD TO BY HEALTH WORKER.....13 HOMEBIRTH TRADITIONAL IN MY COMMUNITY.....14 CAN CONTINUE WITH DUTIES IF AT HOME.....15 PREVIOUS EASY DELIVERIES.....16 OTHER.....17 (specify _____)	select all that apply	HPQ6CH1 HPQ6CH2
07	Did you go to your home town/village for the birth?	YES.....1 NO.....2→	Q11	HPQ7TOWN
08	If yes, why did you go to your home town/village to deliver?	TRADITIONAL(1 ST BIRTH AT HOME).....1 HUSBAND TOLD ME TO.....2 MOTHER IN LAW TOLD ME TO.....3 SUPPORT OF NATAL KIN.....4 MORE COMFORTABLE THERE.....5 HOSPITAL HERE TOO EXPENSIVE.....6 DIDN'T WANT A HOSPITAL BIRTH.....7 OTHER.....8 (specify _____)	select all that apply	HPQ8TRAD HPQ8HUSB HPQ8MIL HPQ8KIN HPQ8CMFT HPQ8COST HPQ8WANT HPQ8OTH
09	How long before the birth did you go?	MONTHS _____ WEEKS _____		HPQ9BFMM HPQ9BFWK
10	How long after the birth did you return to your locality?	MONTHS _____ WEEKS _____		HPQ10AFM HPQ10AFW
11	Think back to the hospital you delivered in, was that the first hospital you went into when you started labour?	YES.....1→ NO.....2	Q14	HPQ11LAB
12	If no, which was the first hospital you went into?	NAME OF GOVT HOSP/HOME _____ NAME OF PRIVATE HOSP/HOME _____ NAME OF CHARITABLE HOSPITAL _____		HPQ12HOS HPQ12NAM
13	Why did you not deliver in the first hospital?	REFERRED.....1 NOT BOOKED.....2 OTHER.....3 (specify _____)		HPQ13NOT HPQ13SPF

14	What day of the week was it when you went into hospital for your delivery?	MONDAY.....1 TUESDAY.....2 WEDNESDAY.....3 THURSDAY.....4 FRIDAY.....5 SATURDAY.....6 SUNDAY.....7 DON'T REMEMBER.....8		HPQ14DAY
15	Were there any delays in getting to the hospital?	NO DELAYS.....1 YES, HAD HOUSEHOLD DUTIES TO COMPLETE.....2 YES, HAD TO WAIT FOR HUSBAND.....3 YES, HAD TO WAIT FOR OTHER RELATIVE.....4 YES, HAD TO WAIT FOR TRANSPORT.....5 YES, IT TOOK A LONG TIME TO GET TO THE HOSPITAL.....6 YES, OTHER.....7 (specify _____)	select all that apply	HPQ15DEL HPQ15SPF
16	How long was it from what you thought were the first signs of labour before you left for hospital?	HOURS _____ → IN HOSPITAL ALREADY.....7777 DON'T REMEMBER.....9999 →	Q18 Q18	HPQ16HRS
17	If in hospital already, why were you there?	HIGH BLOOD PRESSURE.....1 PREVIOUS CAESAREAN.....2 INFECTION.....3 BLEEDING.....4 DON'T KNOW.....5 OTHER.....6 (specify _____)		HPQ17WHY HPQ17SPF
18	How long would you say it was from the first signs of labour to delivery?	HOURS _____		HPQ18LON
19	Who made the decision that you should go to hospital when you did go?	ME.....1 MOTHER-IN-LAW.....2 MOTHER.....3 SISTER.....4 OTHER FEMALE RELATIVE – NATAL.....5 OTHER FEM RELATIVE – NON NATAL.....6 HUSBAND.....7 OTHER MALE RELATIVE.....8 NEIGHBOUR.....9 DOCTOR.....10 ANM/NURSE/LHV.....11 DON'T REMEMBER.....12 OTHER.....13 (specify _____)	select all that apply	HPQ19CH1 HPQ19CH2 HPQ19CH3 HPQ19SPF
20	How long did it take from when you decided to go to hospital to when you arrived there?	MINUTES _____ DON'T REMEMBER.....9999		HPQ20MIN
21	How did you get to hospital?	ON FOOT.....1 TAXI.....2 MOTORCYCLE.....3 AUTORICKSHAW.....4 BICYCLE.....5 OTHER.....6 (specify _____)	select all that apply	HPQ21GET HPQ21SPF

22	At what time of the day did you arrive at hospital?	TIME _____ AM or _____ PM		HPQ22AM HPQ22PM
23	After you first arrived at hospital, how long was it before you gave birth?	HOURS _____ MINUTES _____ DAY _____		HPQ23HRS HPQ23MIN HPQ23DAY
24	Once the labour pains had become strong and regular, (about every 5 minutes), about how long did the labour last?	LESS THAN 2 HOURS.....1 3 – 5 HOURS.....2 6 - 12 HOURS.....3 12 - 18 HOURS.....4 18 – 24 HOURS.....5 MORE THAN 24 HOURS.....6 DON'T REMEMBER.....7		HPQ24LAB

ARRIVAL AND EXAMINATION

25	After arriving, how long did you have to wait before you were first examination? (details taken, contractions monitored, other examination)	MINUTES _____ WASN'T EXAMINED.....888 DON'T REMEMBER.....999		HPQ25WAI
26	Who was the first person to examine you?	NURSE/ANM.....1 DOCTOR.....2 MATRON.....3 AYABAI.....4 OTHER.....5 (specify _____)		HPQ26EXM
27	When you arrived were any of the following true?	YOUR WATERS HAD GONE.....1 YOU WERE LEAKING.....2 HOW LONG _____ YOU WERE BLEEDING.....3 YOU HAD BEEN IN LABOUR FOR A VERY LONG TIME THAT WORRIED YOU OR YOUR FAMILY.....4 YOU HAD RECENTLY HAD A FIT.....5 YOU HAD RECENTLY BLACKED OUT.....6 YOU HAD NOT FELT THE BABY MOVE FOR A LONG TIME.....7 THE BABY WAS DUE.....8 NONE OF THE ABOVE.....9	select all that apply	HPQ27WAT HPQ27LEA HPQ27HRS HPQ27BLE HPQ27LAB HPQ27FIT HPQ27BLA HPQ27MOV HPQ27DUE HPQ27NON
28	Which of the following happened during your first examination?	CHANGED INTO HOSPITAL GOWN.....1 PUBIC HAIR SHAVED.....2 GIVEN AN ENEMA.....3 VAGINAL EXAMINATION.....4 BLOOD PRESSURE CHECKED.....5 TEMPERATURE TAKEN.....6 STETHOSCOPE USED TO LISTEN TO BABY.....7 SOMEONE FELT YOUR BELLY.....8 X-RAY OR PELVIS TAKEN.....9 ANTENATAL CARD TAKEN OR LOOKED AT.....10 BABY CAME OUT TOO QUICKLY.....11 NONE OF THE ABOVE.....12	select all that apply	HPQ28GOW HPQ28HAI HPQ28ANE HPQ28VAG HPQ28BP HPQ28TEM HPQ28STE HPQ28BEL HPQ28RAY HPQ28CRD HPQ28QCK HPQ28NON

29	<p>About how many times during your labour did the following happen?</p> <p>Enter 0 if it never happened in labour, don't complete if no answer</p>	<p style="text-align: right;">No of times</p> <p>VAGINAL EXAMINATION _____</p> <p>BLOOD PRESSURE CHECKED _____</p> <p>TEMPERATURE TAKEN _____</p> <p>STETHOSCOPE USED TO LISTEN TO BABY _____</p> <p>SOMEONE FELT YOUR BELLY _____</p> <p>DRIP INSERTED _____</p>		<p>HPQ29VAG HPQ29BP HPQ29TEM HPQ29STE</p> <p>HPQ29BEL HPQ29DRI</p>
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EXPERIENCE OF CARE

30	<p>What did you think about the following?</p>	<p>OK no opinion not happy Didn't happen A B C D</p> <p>WEARING GOWN A B C D</p> <p>BEING SHAVED A B C D</p> <p>ENEMA A B C D</p> <p>GENTS DR A B C D</p> <p>EXAMINING YOU A B C D</p> <p>EXAMINATION IN CROWDED PLACE A B C D</p>	<p>circle option that best describes your reaction</p>	<p>HPQ30GOW HPQ30SHV HPQ30ENE</p> <p>HPQ30GEN</p> <p>HPQ30CRO</p>
31	<p>How did you feel about the waiting/labour room?</p>	<p>AIRY.....1</p> <p>NOT ENOUGH AIR.....2</p> <p>TOO CROWDED.....3</p> <p>CLOSE TO THE TOILETS.....4</p> <p>TOO FAR FROM THE TOILETS.....5</p> <p>CLOSE TO THE STAFF DESK.....6</p> <p>TOO FAR FROM THE STAFF DESK.....7</p> <p>BED CLEAN.....8</p> <p>BED DIRTY.....9</p> <p>DID NOT HAVE A BED.....10</p> <p>OTHER.....11 (specify _____)</p>	<p>select all that apply</p>	<p>HPQ31AIR HPQ31NOT HPQ31CRO HPQ31TOI HPQ31FAR HPQ31DSK HPQ31STF HPQ31CLE HPQ31DIR HPQ31BED HPQ31OTH HPQ31SPF</p>
32	<p>Do any of the following describe your treatment by doctors and matrons during labour and delivery?</p>	<p>KIND AND UNDERSTANDING.....1</p> <p>FAIRLY KIND2</p> <p>NEGLECTFUL.....3</p> <p>HURRIED.....4</p> <p>SHOUTED AT YOU.....5</p> <p>SLAPPED/HIT YOU.....6</p> <p>DID NOT COME INTO CONTACT.....7</p> <p>OTHER.....8 (specify _____)</p>	<p>select all that apply</p>	<p>HPQ32DOC</p>
33	<p>Do any of the following describe your treatment by ANMs during labour and delivery?</p>	<p>KIND AND UNDERSTANDING.....1</p> <p>FAIRLY KIND2</p> <p>NEGLECTFUL.....3</p> <p>HURRIED.....4</p> <p>SHOUTED AT YOU.....5</p> <p>SLAPPED/HIT YOU.....6</p> <p>DID NOT COME INTO CONTACT.....7</p> <p>OTHER.....8 (specify _____)</p>	<p>select all that apply</p>	<p>HPQ33ANM</p>

39	Why were they not with you?	NOT AVAILABLE.....1 NOT ALLOWED BY HOSPITAL.....2 TOO COSTLY, INCONVENIENT.....3 LOOKING AFTER CHILDREN.....4 NOT APPLICABLE.....5 OTHER.....6 (specify_____)		HPQ39NOT
40	Was anyone waiting for you outside the labour room in (or just outside) the hospital until you had delivered?	NO.....1 YES, MOTHER.....2 YES, MOTHER IN LAW.....3 YES, HUSBAND.....4 YES, OTHER FEM RELATIVE.....5 YES, FRIEND/N'BOUR.....6 YES, OTHER PERSON.....7 (specify_____)		HPQ40CH1 HPQ40CH2 HPQ40CH3 HPQ40SPF
41	Were you left alone by hospital staff at some time during labour or delivery when it worried you to be alone?	YES, DURING THE LABOUR.....1 YES, SOON AFTER DELIVERY.....2 NO.....3	select all that apply	HPQ41ALO
42	Who was the principal person assisting you at delivery?	DOCTOR.....1 MATRON.....2→ NURSE/ANM.....3→ AYABAI.....4→ NO-ONE.....5→ OTHER.....6→ (specify_____)	select only one Q44 Q44 Q44 Q44	HPQ42PER
43	If it was a doctor, was it a man or a woman?	MAN.....1 WOMAN.....2		HPQ43MAN
44	Did the person who attended you most in labour explain to you clearly what was happening?	YES, DEFINITELY.....1 YES, TO SOME EXTENT.....2 NO.....3		HPQ44PER
45	Was anything done to relieve the pain of labour?	YES.....1 NO.....2→	Q47	HPQ45REL
46	If yes, what was done?	HERBAL REMEDY.....1 OXYGEN.....2 INJECTION.....3 ANAESTHETIC IN SPINE.....4 OTHER.....5 (specify_____)		HPQ46YES
47	Was anything done to speed up or bring the labour pains on?	YES.....1 NO.....2→	Q49	
48	If yes, what was done?	HERBAL REMEDY.....1→ OXYGEN.....2 INJECTION.....3→ ANAESTHETIC IN SPINE.....4→ OTHER.....6→ (specify_____)	Q50 Q50 Q50	HPQ48YES
49	If injection, how many injections were given?	NUMBER_____ DON'T REMEMBER.....999		HPQ49INJ
50	Were you given a choice of a Caesar or a natural delivery?	YES.....1 NO.....2		HPQ50CHO
51	Was the baby delivered naturally or was a Caesar performed?	NATURALLY.....1 C-SECTION.....2→	Q59	HPQ51CAE

52	If natural, were instruments used to help the baby out, or did the baby arrive by itself?	INSTRUMENTS.....1 BY ITSELF.....2		HPQ52INS
53	Was anything else done to help the baby out?	ABDOMINAL MASSAGE.....1 PRESSURE APPLIED TO ABDOMEN.....2 URGED TO BREATH OUT/BEAR DOWN...3 OTHER.....4 (specify _____)	select all that apply	HPQ53CH1 HPQ53CH2
54	What part of the baby came out first?	HEAD.....1 OTHER.....2 (specify _____) DON'T KNOW.....3		HPQ54PAR
55	What position were you in when you delivered your baby?	LYING DOWN.....1 SITTING UP.....2 DON'T REMEMBER.....3 OTHER.....4 (specify _____)		HPQ55POS
56	Did the placenta come out by itself?	YES.....1 → NO.....2 DON'T KNOW.....3	Q58	HPQ56PLA
57	If no, what was done to remove it?	INJECTION AFTER BABY WAS OUT.....1 MANUAL REMOVAL.....2 ABDOMINAL MASSAGE.....3 OTHER.....4 (specify _____)		HPQ57REM HPQ57SPF
58	Did someone pull on the cord to help the placenta out?	YES.....1 NO.....2 DON'T KNOW.....3		HPQ58COR
59	Was your uterus examined internally after the delivery of the placenta?	YES.....1 NO.....2 DON'T KNOW.....3		HPQ59UTE
60	If a Caesar , was the cut across the body or downwards?	ACROSS.....1 DOWNWARDS.....2		HPQ60CUT
61	If a Caesar, were you told before the delivery that you would need it?	YES.....1 NO.....2		HPQ61NEE
62	If a Caesar, were you told the reasons you need a Caesar?	YES.....1 NO.....22 →	Q64	HPQ62REA
63	If, yes, what were the reasons?	PELVIS TOO SMALL.....1 BABY IN WRONG POSITION.....2 BABY DISTRESSED.....3 PROLONGED LABOUR.....4 ONE PREVIOUS CAESAR.....5 TWO + PREVIOUS CAESARS.....6 HIGH BLOOD PRESSURE.....7 OTHER.....8 (specify _____)		HPQ63YES
64	Was the bottom of your body made numb for the Caesar, or did you have a general anaesthetic?	EPIDURAL/SPINAL.....1 GENERAL ANAESTHETIC.....2		HPQ64NUM
65	When you delivered, did you bleed so much that you were afraid you might die?	YES.....1 NO.....2 →	Q67	HPQ65DIE
66	If yes, for how many hours did the severe bleeding last?	HOURS _____ DAYS _____ DON'T REMEMBER.....999		HPQ66HRS HPQ66DAY

67	Did you make provision for blood for your delivery?	YES.....1 NO.....2		HPQ67PRO
68	Did you need blood during the delivery?	YES.....1 NO.....2→	Q70	HPQ68BLO
69	If yes , where did you get the blood?	HOSPITAL BANK(DELIVERY HOSP).....1 HOSPITAL BANK (OTHER HOSP).....2 PRIVATE CLINIC.....3 RELATIVES/FRIENDS.....4 DIDN'T GET BLOOD.....5		HPQ69GET
70	During your delivery, did you have a convulsion or fit?	YES.....1 NO.....2		HPQ70FIT
71	Have you had any fits outside of pregnancy or delivery before this?	YES.....1 NO.....2		HPQ70OUT
72	If you had stitches, was it painful when they were put in?	VERY PAINFUL.....1 FAIRLY PAINFUL.....2 UNCOMFORTABLE.....3 NOT PAINFUL AT ALL.....4 NO STITCHES.....5		HPQ72STI
73	Were you told how to keep them clean?	YES.....1 NO.....2 NO STITCHES.....3		HPQ73CLE
74	Did you know the sex of the baby before you delivered?	YES.....1 NO.....2→	Q76	HPQ74SEX
75	If yes, how did you know?	AMNIOCENTESIS.....1 SONOGRAPHY.....2 OTHER.....3 (specify _____)		HPQ75HOW
AFTER DELIVERING				
76	Was the baby weighed?	YES.....1 NO.....2		HPQ76WEI
77	What did the baby weigh? (If not weighed, or if they don't remember, get them to guess) (They must also state small, medium or large)	KG _____ (Weighed) KG _____ (Guessed) SMALL.....1 MEDIUM.....2 LARGE.....3		HPQ77KG HPQ77SMA
78	How long were you separated from your baby immediately after the birth?	MINUTES _____ HOURS _____ DAYS _____		HPQ78MIN HPQ78HRS HPQ78DAY
79	Do you know why you and your baby were separated for so long?	TO CLEAN THE BABY.....1 TO CHECK THE BABY.....2 THE BABY WAS NOT WELL.....3 THE BABY WAS DEAD.....4 I WAS BEING STITCHES.....5 I WAS NOT WELL.....6 NO, NOT SURE.....7 OTHER.....8 (specify _____)	select all that apply	HPQ79CH1 HPQ79CH2 HPQ79SPF
80	Did you breastfeed the baby on the first day?	YES.....1→ NO.....2	Q82	HPQ80FED
81	If no, why did you not breastfeed on the first day?	UNABLE TO BF.....1 FIRST MILK UNSUITABLE.....2 WANTED TO BOTTLE FEED.....3 BABY UNABLE TO FEED.....4 I WAS TOO WEAK.....5 OTHER.....6 (specify _____)		HPQ81NOT HPQ81SPF

82	How long after the delivery did you put the baby to your breast?	MINUTES _____ HOURS _____ DAYS _____ DID NOT BREASTFEED AT ALL.....9999→	Q84	HPQ82MIN HPQ82HRS HPQ82DAY
83	How did you know how to breastfeed?	DIDN'T BREASTFEED.....1 HAD BABY BEFORE.....2 CAME NATURALLY.....3 NURSE/ANM SHOWED ME.....4 AYABAI/DAI SHOWED ME.....5 OTHER MOTHER SHOWED ME.....6 MOTHER-IN-LAW SHOWED ME.....7 OTHER RELATIVE SHOWED ME.....8 OTHER.....9 (specify _____)	Select all that apply	HPQ83HOW HOQ85SPF
84	Were you offered any bottled/cows milk for your baby?	YES.....1 NO.....2→	Q86	HPQ84COW
85	If yes, why was that?	PROBLEMS BREASTFEEDING.....1 NOT ENOUGH MILK.....2 BABY UNWELL.....3 BABY HUNGRY.....4 DON'T KNOW.....5 TOO WEAK TO BREASTFEED.....6 OTHER.....7 (specify _____)		HPQ85CH1 HPQ85CH2 HPQ85SPF
86	When the baby was born (if it survived the first few days) did you have 2 or more children who are alive at the time?	YES.....1 NO.....2 → BABY DIED IN HOSP/ BORN DEAD.....3→	Q90 Q90	HPQ86TWO
87	If yes ,which of the following did you do? Please remember this is absolutely confidential.	PAID 250 RS.....1→ HAD TUBAL LIG'ON AND GOT 100 RS..2→ DID NOT HAVE TO CHOOSE.....3	Q90 Q89	HPQ87YES
88	If you didn't have to choose, why not?	RAN AWAY.....1 PRIVATE HOSPITAL.....2 TOO WEAK.....3 OTHER4 (specify _____)		HPQ88NOT HPQ88SPF
89	If you had a tubal ligation- why?	DID NOT HAVE 250RS.....1 DID NOT WANT ANY MORE CHILDREN.....2 NEEDED 100 RS.....3 OTHER.....4 (specify _____)		HPQ89TUB HPQ89SPF
90	If you didn't have a total ligation, do you want to have another baby?	SOON.....1 LATER.....2 NEVER.....3 TUBAL LIGATION.....4		HPQ90BAB
91	Did anyone speak to you about how to delay or avoid another pregnancy?	YES.....1 NO.....2→	Q94	HPQ91DEL

92	If yes, what have you been advised to use?	TUBAL LIGATION.....1 MALA D (OC).....2 IUD.....3 OTHER.....4 (specify _____)		HPQ92USE HPQ92SPF
93	Who advised you?	Specify _____		HPQ93ADV
94	Did you have to pay for any of the following during your stay in hospital?	General costs in hospital Rs USE OF BED _____ FOOD AND DRINK _____ LAUNDRY _____ Medical costs before delivery: XRAY _____ SONOGRAPHY _____ DRIP _____ INJECTIONS _____ ANTIBIOTICS _____ BLOOD _____ ANAESTHETIC _____ NEEDLES _____ OTHER _____ Medication after delivery: ANTIBIOTICS _____ INJECTIONS _____ OTHER _____ Other costs SANITARY PADS _____ COTTON WOOL _____ TIPS TO SWEEPERS _____ TIPS TO AYABAIS _____ TIPS TO NURSES AND ANMS _____ TIPS TO DOCTORS _____ OTHER _____ (specify _____) Total _____		HPQ94BED HPQ94FOO HPQ94LAU HPQ94BXR HPQ94BSO HPQ94BDP HPQ94BIN HPQ94BAT HPQ94BBL HPQ94BAN HPQ94BNE HPQ94BOT HPQ94AAT HPQ94AIN HPQ94AOT HPQ94PAD HPQ94WOL HPQ94SWE HPQ94BAI HPQ94NUR HPQ94DOC HPQ94OTH HPQ94TOT
95	Did you have a scan (Sonography) during your pregnancy?	YES, ONCE.....1 YES, MORE THAN ONCE.....2 NO.....3→	Q97	HPQ95SON
96	If yes, how much did this cost each time?	Rs _____		HPQ96RS
97	Did you have an X-ray of your pelvis during your pregnancy?	YES, ONCE.....1 YES, MORE THAN ONCE.....2 NO.....3→	Q99	HPQ97XRY
98	If yes , how much did this cost each time?	Rs _____		HPQ98YES
99	Did you have an amniocentesis during your pregnancy?	YES.....1 NO.....2→	Mod 5	HPQ99AMN
100	If yes, how much did this cost each time?	Rs _____		HPQ100RS

No.	Questions and filters	Coding categories	Skip to	Input
01	<i>Now I would like to ask you about the first few days and weeks after the birth.</i> During your pregnancy or the delivery, did anyone advise you to have a check-up on your health after the baby was born?	YES.....1 NO.....2→	Q3	M5Q1ADV
02	Who advised you to have postnatal check ups?	DOCTOR.....1 NURSE/MIDWIFE.....2 DAL.....3 MOTHER IN LAW.....4 MOTHER.....5 HUSBAND.....6 OTHER MALE RELATIVE.....7 FRIEND.....8 OTHER.....9 (specify _____)		M5Q2WHO M5Q2SPF
03	How long did you stay in hospital after the birth?	DAYS _____ HOURS _____ HOME DELIVERY.....999		M5Q3DAYS M5Q3HRS
04	Who shared your workload at home after the delivery?	NOBODY.....1 MOTHER IN LAW.....2 MOTHER.....3 HUSBAND.....4 OTHER FAMILY MEMBERS.....5 FRIEND.....6		M5Q4WORK
05	Were you admitted to the hospital for even one day because there was a problem after the delivery?	YES.....1 NO.....2→	Q8	M5Q5ADMI
06	What was the problem?	FEVER/INFECTION.....1 FITS.....2 BLEEDING.....3 PROBLEM WITH THE BABY.....4 C-SECTION.....5 OTHER.....6 (specify _____)		M5Q6PROB M5Q6SPF
07	If you stayed at a hospital before, during or after the delivery, about how much did that cost in total (including drugs, food medical care etc)?	RUPEES _____ NO HOSPITAL STAYS.....N		M5Q7COST M5Q7STAY
08	Did you have a check up (at home or elsewhere) at any time during the six weeks following the birth? If yes, how many times?	YES.....1→ NO. OF TIMES _____ NO.....2	Q10	M5Q8CHECK M5Q8HOW

09	Why did you not have a postnatal check up? GOTO Q19	DIDN'T NEED TO GO.....1 TOO FAR.....2 INCONVENIENT.....3 TOO EXPENSIVE.....4 TOO TIME CONSUMING.....4 HEALTH WORKER TOO RUDE.....5 HEALTH WORKERS POOR QUALITY.....6 RELATIVE/FRIEND TOLD ME NOT TO.....7 DIDN'T KNOW ABOUT POSTNATAL CHECKS.....9 OTHER.....10 (specify _____)		M5Q9NEVE
10	How many days after the delivery did you have your 1 st check up?	NO OF DAYS _____		M5Q10DAY
11	Who did you go to for your 1 st check up?	PRIVATE DOCTOR.....1 DOCTOR IN PRIVATE NURSING HOME...2 DOCTOR IN MUNICIPAL HOSPITAL/NURSING HOME.....3 DOCTOR IN CHARITABLE HOSPITAL.....4		M5Q11DOC
12	If you had more than one check – up, was it where you normally went?	ONLY ONE CHECK UP.....1 YES, ALWAYS WENT TO THE SAME PLACE.....2 NO, WENT TO OTHER PLACES.....3		M5Q12NOR
13	Why did you choose this place?	CONVENIENT.....1 NEARBY.....2 EASY TO GET TO.....3 GOOD QUALITY.....4 CHEAP.....5 FREE SERVICE.....6 ATTACHED TO HOSPITAL WHERE I DELIVERED.....7 ONLY OPTION I KNOW ABOUT.....8 RECOMMENDED.....9	select all that apply	M5Q13CH1 M5Q13CH2 M5Q13CH3
14	What was the main reason for your first check up?	ROUTINE CHECK UP.....1 BLEEDING.....2 FEVERISH.....3 PROBLEMS BREASTFEEDING.....4 BABY HEALTH PROBLEM.....5 DIZZINESS/HEADACHES.....6 PROBLEM WITH STITCHES.....7 PROBLEM WITH CAESAREAN WOUND...8 PROBLEMS PASSING WATER.....9 PROBLEMS DEFAECATING.....10 ASKING ABOUT CONTRACEPTION.....11 DEPRESSION.....12 OTHER.....13 (specify _____)	select all that apply	M5Q14CH1 M5Q14CH2 M5Q14SPF
15	Did you have to pay for your first check up?	YES.....1 NO.....2→		M5Q15PAY
16	About how much did you have to pay?	RUPEES _____		M5Q16MUC
17	About how much did it cost in total for all your check ups (including drugs)?	RUPEES _____		M5Q17TOT

18	During any of your check ups, did you have any of the following?	BLOOD PRESSURE MEASURED.....1 VAGINAL EXAMINATION2 ASKED ABOUT FOUL SMELLING DISCHARGE.....3 ASKED ABOUT BLOOD LOSS.....4 ABDOMEN PALPATED.....5 ADVICE ON BREASTFEEDING.....6 BABY CHECKED.....7 ADVICE ON DIET.....8 ADVICE ON CONTRACEPTION.....9	tick all that apply	M5Q18BP M5Q18VAG M5Q18SME M5Q18BLO M5Q18ABD M5Q18ADV M5Q18BAB M5Q18DIE M5Q18CON
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19 During the six weeks after delivery, did you have bleeding, fits or fevers?

COMPLETE DOWNWARDS, COLUMN BY COLUMN

Vaginal bleeding	Fits	High fever
B1 In the six weeks period after you delivered, did you bleed so much that you were afraid you might die? YES.....1 NO.....2→ Col 2 (Fits)	F1 In the six weeks after your delivery, did you have a convulsion or fit? YES.....1 NO.....2→ Col 3 (High fever)	H1 In the six week period after your delivery, did you have a high fever? YES.....1 NO.....2→ Q20
B2 For how many days did the severe bleeding last? _____ DAYS	F2 Have you had any fits outside of pregnancy/delivery before this? YES.....1 NO.....2	H2 Was this fever associated with abdominal pains? YES.....1 NO.....2
B3 Did you seek treatment for this? YES.....1 NO.....2→B6	F3 Did you seek treatment for this? YES.....1 NO.....2→F6	H3 Did you seek treatment for this? YES.....1 NO.....2→H6
B4 Who did you go to? (tick all that apply) PRIVATE DOCTOR.....1 DOCTOR IN PRIVATE NURSING HOME.....2 DOCTOR IN MUNICIPAL HOSPITAL.....3 DOCTOR IN CHARITABLE HOSPITAL.....4 NURSE/MIDWIFE.....5 DAI.....6 OTHER.....7 (specify _____)	F4 Who did you go to? (tick all that apply) PRIVATE DOCTOR.....1 DOCTOR IN PRIVATE NURSING HOME.....2 DOCTOR IN MUNICIPAL HOSPITAL.....3 DOCTOR IN CHARITABLE HOSPITAL.....4 NURSE/MIDWIFE.....5 DAI.....6 OTHER.....7 (specify _____)	H4 Who did you go to? (tick all that apply) PRIVATE DOCTOR.....1 DOCTOR IN PRIVATE NURSING HOME.....2 DOCTOR IN MUNICIPAL HOSPITAL.....3 DOCTOR IN CHARITABLE HOSPITAL.....4 NURSE/MIDWIFE.....5 DAI.....6 OTHER.....7 (specify _____)
B5 Did you go to hospital as a result of this problem? YES.....1 NO.....2 GOTO COL 2 (Fits)	F5 Did you go to hospital as a result of this problem? YES.....1 NO.....2 GOTO COL 2 (Fever)	H5 Did you go to hospital as a result of this problem? YES.....1 NO.....2 GOTO q27
B6 Why did you not seek treatment? INCONVENIENT TO GO.....1 TOO COSTLY TO GO.....2 TOO DIFFICULT TO GET TO.....3 I THOUGHT SYMPTOMS NOT SERIOUS.....4 FAMILY MEMBERS THOUGHT SYMPTOMS NOT SERIOUS.....5 POOR QUALITY OF TREATMENT ..6 OTHER.....7 (specify _____) GOTO COL 2 (Fits)	F6 Why did you not seek treatment? INCONVENIENT TO GO.....1 TOO COSTLY TO GO.....2 TOO DIFFICULT TO GET TO.....3 I THOUGHT SYMPTOMS NOT SERIOUS.....4 FAMILY MEMBERS THOUGHT SYMPTOMS NOT SERIOUS.....5 POOR QUALITY OF TREATMENT ..6 OTHER.....7 (specify _____) GOTO COL 3 (Fever)	H6 Why did you not seek treatment? INCONVENIENT TO GO.....1 TOO COSTLY TO GO.....2 TOO DIFFICULT TO GET TO.....3 I THOUGHT SYMPTOMS NOT SERIOUS.....4 FAMILY MEMBERS THOUGHT SYMPTOMS NOT SERIOUS.....5 POOR QUALITY OF TREATMENT ..6 OTHER.....7 (specify _____) GOTO Q20
Coding M5B1-B6	Coding M5F1-F6	Coding M5H1-H6

No.	Questions and filters	Coding categories	Skip to	Input
20	Did you have any of the following complications after your C-section?	NO C-SECTION.....1→ BLEEDING FROM THE WOUND.....2 WOUND REOPENED.....3 RED SWOLLEN WOUND.....4 FEVER.....5 BAD SMELLING DISCHARGE.....6 OTHER.....7 (specify _____) NO PROBLEM.....8	Q24 tick all that apply	M5Q20CH1 M5Q20CH2 M5Q20SPF
21	Did you seek treatment for any of these problems?	YES.....1→ NO.....2	Q23	M5Q21TRE
22	Why did you not seek treatment?	SYMPTOMS NOT SERIOUS ENOUGH...1→ NOT CONVENIENT.....2→ RELATIVES THOUGHT NOT NECESSARY.....3→	Q24 Q24 Q24	M5Q22NOT
23	Who did you go to?	PRIVATE DOCTOR.....1 DOCTOR IN PRIVATE NURSING HOME... 2 DOCTOR IN MUNICIPAL HOSPITAL...../3 DOCTOR IN CHARITABLE HOSPITAL....4 NURSE/MIDWIFE.....5 TRAINED DAI.....6 UNTRAINED DAI.....7 HAKIM.....8 OTHER.....9 (specify _____)		M5Q23WHO M5Q23SPF
24	Did you have any other problems in the six weeks after delivery?	STITCHES INFLAMED.....1 BAD SMELLING DISCHARGE.....2 FISTULAE.....3 HEADACHES.....4 DIZZINESS.....5 SHORT OF BREATH.....6 OTHER.....7 (specify _____) NO PROBLEM.....8		M5Q24CH1 M5Q24CH2 M5Q24CH3
25	Did you breastfeed the baby?	YES.....1 NO.....2		M5Q25BFE
26	How long did you breastfeed for, in months?	MONTHS _____ STILL BREASTFEEDING.....777 NEVER BREASTFED.....888	Q28	M5Q26LON
27	Have you had any of the following problems with breastfeeding?	MASTITIS.....1 BABY WOULDN'T LATCH ON.....2 NOT ENOUGH MILK.....3 OTHER.....4 (specify _____) NO PROBLEM.....5		M5Q27CH1 M5Q27CH2 M5Q27SPF
28	Do you want to have another baby?	SOON.....1 LATER.....2 NEVER.....3		M5Q28ANO

29	From the time that you were last pregnant, had you suffered from any of the following health problems?	TUBERCULOSIS.....1 DIABETES.....2 HIGH BLOOD PRESSURE.....3 HEPATITIS.....4 TYPHOID.....5 KIDNEY DISEASE.....6 HIV.....7 MALARIA.....8 WHITE DISCHARGE.....9 OTHER.....10 (specify _____) NO PROBLEM.....11	select all that apply	M5Q29CH1 M5Q29CH2 M5Q29CH3 M5Q29SPF
30	After the delivery, did you have any of the following problems?	PROBLEMS HOLDING URINE.....1 PROBLEMS HOLDINGS STOOLS.....2 BURNING SENSATION IN VAGINA.....3 WHITE DISCHARGE.....4 FEELING OF HEAVINESS BELOW.....5 PILES.....6 OTHER.....7 (specify _____) NO PROBLEM.....8	select all that apply	M5Q30CH1 M5Q30CH2 M5Q30CH3 M5Q30SPF

MUMBAI SAFE MOTHERHOOD STUDY *Module 6: Autonomy*

FREEDOM OF MOVEMENT				
no.	Questions and filters	Coding categories Select only one unless otherwise stated	Skip to	Input
01	If and when you go to the vegetable market, chakki or ration shops, who accompanies you?	MOSTLY GO ALONE1 GO WITH A FEMALE FAMILY MEMBER...2 GO WITH A FEMALE NEIGHBOUR.....3 GO WITH A SMALL CHILD.....4 ANY OTHER PERSON.....5 I DON'T GO.....6		M6Q1SHOP
02	Who takes and brings back your children from school?	SELF-ALONE.....1 SELF, WITH AN ADULT FEMALE MEMBER OF THE FAMILY.....2 SELF WITH ANOTHER CHILD IN THE FAMILY.....3 I DON'T GO.....4 NO SCHOOL-GOING CHILDREN.....5		M6Q2TAKE
03	If and when you go the market to do major shopping (e.g. clothes, vessels etc) who accompanies you?	MOSTLY GO ALONE.....1 GO WITH HUSBAND.....2 GO WITH MOTHER-IN-LAW/ SISTER-IN-LAW.....3 WITH ANOTHER FEMALE NEIGHBOUR...4 ANY OTHER PERSON.....5 NEVER DO SUCH SHOPPING.....6		M6Q3ACCO
04	Can you visit your mother/brother sister/friends as and when you wish to?	YES.....1 NO.....2 IF NO, WHY?		M6Q4WISH M6Q4IFNO
05	Do you usually need to ask someone's permission to visit the above close relatives?	YES.....1 NO, I ONLY NEED TO TELL SOMEONE....2 NO.....3		M6Q5PERM
06	Do you go out with friends/ colleagues out of your locality?	YES, OFTEN.....1 YES, SOMETIMES.....2 RARELY.....3 NEVER.....4		M6Q6OUT
07	If you talk to males, who are not your relatives, what would be the reactions of others?	HUSBAND BECOMES SUSPICIOUS.....1 IN-LAWS BECOME SUSPICIOUS.....2 NEIGHBOURS START GOSSIPING.....3 DOESN'T MAKE A DIFFERENCE.....4 AMONG US, WOMEN DON'T TALK TO OTHER MEN.....5	select all that apply	M6Q7TALK
08	Who is the person in your family who visits the school for admission, paying fees, buying school books, parent-teacher meetings?	YOU ALONE.....1 YOU WITH YOUR HUSBAND.....2 YOU WITH ANOTHER ADULT.....3 HUSBAND ALONE.....4 ANY OTHER.....5 (specify _____) NO SCHOOL GOING CHILDREN.....6		M6Q8SCHO M6Q8SPF
09	If your child was ill, would you be allowed to take him/her to the doctor without the company of another adult?	YES.....1 NO.....2		M6Q9CHIL
10	If you yourself were ill, would you be allowed to go to the doctor without the company of another adult?	YES.....1 NO.....2		M6Q10YOU

DECISION MAKING POWER

11	Are you allowed to wear clothes of your choice	YES.....1 NO.....2		M6Q11CLO
12	Do you have to cover your head in the presence of your in-laws even when you don't want to?	YES.....1 NO.....2		M6Q12COV
13	Do you have to wear a <i>burkha</i> when you go out of the house even when you don't want to?	YES.....1 NO.....2 NOT APPLICABLE.....3		M6Q13BUR
14	Do you have to wear the following even if you don't want to?	YES NO BINDI 1 2 GHUNGHAT 1 2		M6Q14BIN M6Q14GUN
14 a	Are you able to spend money for yourself for: 1. Presents 2. Kitchen vessels 3. Bed 4. Trunk 5. A sari for yourself 6. Clothing for children 7. Fan 8. Almirah /cupboard	YES, BY MYSELF.....1 YES, WITH CONSULTATION WITH OTHERS.....2 I AM CONSULTED.....3 THE DECISION IS MADE EXCLUSIVELY BY OTHERS.....4		M6Q14APR M6Q14AVE M6Q14ABE M6Q14ATR M6Q14ASA M6Q14ACL M6Q14AFA M6Q14AAL
15	Who would make the final decision about your children's schooling?	BOTH YOU AND YOUR HUSBAND.....1 MAINLY YOU.....2 MAINLY YOUR HUSBAND.....3 YOUR IN-LAWS.....4 OTHER FAMILY MEMBERS.....5 NO SCHOOL GOING CHILDREN.....6		M6Q15DEC
16	Would you need permission to take up a job?	YES.....1 NO.....2→ DEFINITELY NOT ALLOW TO WORK..3→	Q18 Q18	M6Q16JOB
17	Whose permission would you need to take?	HUSBAND.....1 MOTHER-IN-LAW.....2 OTHERS.....3 (specify _____)		M6Q17PER
18	If you want to take up a job, would you be allowed only if it was close you your house?	YES.....1 NO.....2		M6Q18CLO
19	If you are allowed to work generally, what are the jobs you would not be permitted to do?	SPECIFY _____		M6Q19NOT
20	do you ever discuss with your husband the following matters?	YES NO 1. No. of children you should have 1 2 2. How many boys and how many girls 1 2 3. The decision on going nuclear or staying with joint with joint family 1 2 4. Contraception 1 2		M6Q20CH1 M6Q20HOW M6Q20NUC M6Q20CON

21	With whom does the final decision rest?	ON ME ALONE.....1 ON MY HUSBAND.....2 ON BOTH PERSONS.....3 ANY OTHER.....4 (specify _____)		M6Q21FIN M6Q21SPF																		
22	Do you ever discuss the following matters with your husband?	<table border="0"> <tr> <td></td> <td>YES</td> <td>NO</td> </tr> <tr> <td>1. Children's education</td> <td>1</td> <td>2</td> </tr> <tr> <td>2. Children's health problems</td> <td>1</td> <td>2</td> </tr> <tr> <td>3. Your health problems</td> <td>1</td> <td>2</td> </tr> <tr> <td>4. Household finances</td> <td>1</td> <td>2</td> </tr> <tr> <td>5. Nirodh use</td> <td>1</td> <td>2</td> </tr> </table>		YES	NO	1. Children's education	1	2	2. Children's health problems	1	2	3. Your health problems	1	2	4. Household finances	1	2	5. Nirodh use	1	2		M6Q22EDU M6Q22HEA M6Q22YOU M6Q22FIN M6Q22NIR
	YES	NO																				
1. Children's education	1	2																				
2. Children's health problems	1	2																				
3. Your health problems	1	2																				
4. Household finances	1	2																				
5. Nirodh use	1	2																				
23	Would you be able to decide on your own to practice contraception?	YES, MALA D.....1 YES, COOPER T.....2 YES, OPERATION.....3 NO, NEED TO GET HUSBAND'S PERMISSION.....4 NO, NEED TO GET IN-LAWS PERMISSION.....5		M6Q23CON																		
24	If you needed an abortion, would you be able to decide and get it done?	ON YOUR OWN.....1 WITH PERMISSION FROM HUSBAND.....2 WITH PERMISSION FROM IN-LAWS.....3 WOULD NOT BE ALLOWED AT ALL.....4		M6Q24ABO																		

ACCESS TO RESOURCES

25	Have you ever taken up paid employment?	YES.....1 NO.....2→	Q27	M6Q25PAI
26	If yes, would you be able to spend your money on buying the following things?	SAREES FOR YOURSELF.....1 CHAPPALS FOR YOURSELF.....2 JEWELLERY/COSMETICS FOR YOURSELF.....3 GOING TO CINEMA.....4 EATING OUT/GOING FOR PICNIC.....5 THINGS FOR THE CHILDREN.....6 YOU GIVE IT ALL TO YOUR HUSBAND.....7		M6Q26SA M6Q26CHA M6Q26JEW M6Q26CIN M6Q26EAT M6Q26CHI M6Q26HUS
27	Does your husband give you housekeeping money in one go or do you have to ask him each time you need to incur expenses?	GIVES LUMP-SUM.....1→ HAVE TO ASK EACH TIME.....2 NO HAVE ACCESS TO MONEY.....3	Q29	M6Q27MON
28	If you have to ask each time, have you ever been denied the money you asked for?	YES.....1 (specify _____) NO.....2		M6Q28DEN M6Q28SPF
29	Have you ever had a smear test?	YES, IN LAST 5 YRS.....1 YES, OVER 5 YRS AGO.....2 NO, NEVER.....3 DON'T KNOW WHAT IT IS.....4		M6Q29SME

CIVIC INVOLVEMENT

30	Have you been to any class to learn something as an adult?	YES.....1 (specify _____) NO.....2		M6Q30CLA M6Q30SPF
----	--	--	--	----------------------

31	Are you active with any organisation?	YES.....1 (specify _____) NO.....2		M6Q31ORG M6Q31SPF
32	Are you a member of a local credit scheme?	YES.....1 NO.....2		M6Q32CRE
33	What is the minimum legal age at marriage for a girl in India	AGE IN YRS _____ DON'T KNOW.....99		M6Q33AGE
34	Did you vote in the last election?	YES.....1 NO.....2		M6Q34VOT

DOMESTIC VIOLENCE

35	Have you been hit by your husband?	YES.....1 NO.....2		M6Q35HIT
36	If yes, where did it happen?	IN YOUR IN-LAWS HOUSE.....1 IN YOUR OWN HOUSE.....2 OTHER.....3 (specify _____)		M6Q36WHE M6Q36SPF
37	Have you been hit so badly by your husband that you were injured?	YES.....1 (specify _____) NO.....2		M6Q37BAD M6Q37SPF
38	If yes, did your injury require going to a doctor/hospital?	GOING TO A DOCTOR.....1 GOING TO HOSPITAL.....2 TREATED MYSELF AT HOME.....3		M6Q38YES
39	When do you think it is right for a man to hit his wife?	WHEN SHE DOESN'T LOOK AFTER THE HOUSE WELL.....1 WHEN SHE ANSWERS BACK/IS DISOBEDIENT.....2 WHEN SHE GOES OUT WITHOUT PERMISSION.....3 WHEN HE IS IN A STATE OF TENSION.....4 OTHERS.....5 (specify _____) IT IS NOT RIGHT FO A HUSBAND TO BEAT HIS WIFE.....6	select all that apply	M6Q39RIG M6Q39SPF

MUMBAI SAFE MOTHERHOOD STUDY
PART II: Hospital case study
EXIT INTERVIEWS

MUMBAI SAFE MOTHERHOOD STUDY

Hospital case study EXIT INTERVIEW

Module 1 Background details

EXIT ID	Questionnaire number				
EXIT HOS	Hospital name				

no.	Questions and filters	coding categories select only one unless otherwise stated	skip to	input
1	Hospital name	SHATABDI/CENTINARY.....1 RAMABAI/CHEMBUR.....2 RAJAWADI.....3		EXM1Q1
2	Questionnaire no	_____		EXM1Q2
3	How old are you?	AGE IN YEARS _____		EXM1Q3
4	What locality are you from?	GAUTAM NAGAR.....1→ GANESH NAGAR.....2→ LAXMI NAGAR.....3→ NAGAR BABA.....4→ NEWBHART NAGAR.....5→ RAHUL NAGAR.....6→ SHAHAJI NAGAR.....7→ OTHER.....8	Q6 Q6 Q6 Q6 Q6 Q6 Q6	EXM1Q4
5	If from outside community survey area - what locality?	(specify) _____		EXM1Q5
6	What is your ward of residence?	VILLAGE.....1 OTHER (specify)		EXM1Q6A EXM1Q6B
7	What is the religion of your household?	HINDU.....1 MUSLIM.....2 BUDDHIST.....3 CHRISTIAN.....4 OTHER.....5		EXM1Q7
8	What is the caste of your household?	NEITHER SC OR ST.....1 SCHEDULED CASTE2 SCHEDULED TRIBE.....3		EXM1Q8
9	Who is the head of your household? <i>(This is the person who decides where the children will go to school)</i>	YOUR HUSBAND.....1 YOUR FATHER IN LAW.....2 YOUR MOTHER IN LAW.....3 YOUR BROTHER.....4 YOUR BROTHER IN LAW.....5 YOUR MOTHER.....6 YOUR FATHER.....7 YOURSELF.....8 OTHER.....9 (specify _____)		EXM1Q9

10	What is the occupation of the main income earner in your household?	PERMANENT SERVICE IN GOVT/ MUNICIPALITY.....1 PERMANENT SERVICE IN FACTORY/ WORKSHOP/MILL.....2 PERMANENT SERVICE IN SHOPS/OTHER ESTABS.....3 CASUAL WORK IN FACTORY/ WORKSHOP/ MILL.....4 CASUAL WORK IN SHOPS/OTHER ESTABS.....5 DOMESTIC SECTOR FULL-TIME6 DOMESTIC SECTOR PART-TIME/ CASUAL.....7 UNEMPLOYED.....8 HOUSEWORK.....9 STUDENT.....10 DEPENDANT (AGED <14 & >64)11 RETIRED WITH PENSION12 DON'T KNOW.....13 OTHER (SPECIFY) _____14 _____	EXM1Q10A
			EXM1Q10B
11	Do you live with either your mother or mother-in-law?	MOTHER.....1 MOTHER-IN-LAW.....2 NO.....3	EXM1Q11
12	Is the house you live in your own or rented?	OWNED.....1 RENTED.....2 NO HOUSE/HOMELESS.....3	EXM1Q12
13	Current marital status (interviewer – probe as appropriate)	CURRENTLY MARRIED1 SEPARATED.....2 WIDOWED3 DIVORCED4 OTHER.....5→	EXM1Q13
			Q16
14	How old were you at the time of your FIRST marriage?	AGE IN COMPLETED YEARS _____	EXM1Q14
15	Did you live in Mumbai before you were married?	YES.....1 NO.....2	EXM1Q15
16	Have you had a smear test?	YES, IN THE LAST 5 YEARS.....1 YES, OVER 5 YEARS AGO.....2 NO, NEVER.....3	EXM1Q16
17	Do you usually do work for which you are paid?	YES.....1 NO.....2→	EXM1Q17
			Q19

18	What kind of work do you do?	PERMANENT SERVICE IN GOVT/ MUNICIPALITY.....1 PERMANENT SERVICE IN FACTORY/ WORKSHOP/MILL.....2 PERMANENT SERVICE IN SHOPS/OTHER ESTABS.....3 CASUAL WORK IN FACTORY/WORKSHOP/MILL.....4 CASUAL WORK IN SHOPS/OTHER ESTABS.....5 DOMESTIC SECTOR FULL-TIME.....6 DOMESTIC SECTOR PART-TIME/ CASUAL.....7 UNEMPLOYED.....8 HOUSEWORK.....9 STUDENT.....10 DEPENDANT (AGED <14 & >64)11 RETIRED WITH PENSION12 DON'T KNOW.....13 OTHER.....14 (SPECIFY_____)		EXM1Q18A
19	Can you read a letter easily, with difficulty or not at all?	EASILY.....1 WITH DIFFICULTY.....2 NOT AT ALL.....3		EXM1Q19
20	Have you ever attended a school?	YES1 NO.....2→	Q22	EXM1Q20
21	What was the last class you passed in school?	GRADE 0-4.....1 GRADE 5-7.....2 GRADE 8-10.....3 BEYOND GRADE 10.....4		EXM1Q21
22a	What is the minimum legal age at marriage for a girl in India?	AGE IN YEARS _____ DON'T KNOW.....99		EXM1Q22A
22b	How is the woman's knowledge of legal age at marriage?	SHE KNOWS RIGHT.....1 SHE KNOWS WRONG.....2 SHE DOESN'T KNOW.....3		EXM1Q22B
23	Did you vote in the last election?	YES.....1 NO.....2		EXM1Q23
24a	What is the main source of water that your household uses?	MUNICIPAL TAP.....1→ PRIVATE TAP (OWN).....2→ PRIVATE TAP (NEIGHBOURHOOD).3→ OTHER.....4 MUNICIPAL TAP IN HOME.....5→		EXM1Q24A
24b	If yes to other type of main source of water please specify.	(specify_____)		EXM1Q24B
25	Do you need to ask someone's permission to visit your nearest blood relative, to visit a friend or to go out with a friend?	YOUR NEAREST BLOOD RELATIVE.....1 A FRIEND.....2 TO GO OUT WITH A FRIEND.....3 NO, NONE OF THE ABOVE.....4		EXM1Q25
26	Are you allowed to leave the house without the company of another adult?	YES, ALWAYS.....1 YES, SOMETIMES.....2 NO.....3		EXM1Q26
27	If your child is ill are you usually be able to take him/her to the doctor without the company of another adult?	YES.....1 NO.....2		EXM1Q27

28	If there is a complication in pregnancy, to seek help what permission do you need?	GO ALONE WITH PERMISSION.....1 GO ALONE WITHOUT PERMISSION.....2 GO ACCOMPANIED WITH PERMISSION.....3 GO ACCOMPANIED WITHOUT PERMISSION.....4 CAN GO WITHOUT PERMISSION BUT WANTS TO BE ACCOMPANIED.....5		EXM1Q28
29	Who's permission do you need?	HUSBAND.....1 MOTHER-IN-LAW.....2 HUSBAND OR MOTHER-IN-LAW.....3 FATHER-IN-LAW.....4		EXM1Q29
30	Do you feel that any of the following worries or problems affects you and/or your home?	DEBTS.....1 HUSBAND'S UNEMPLOYMENT.....2 HUSBAND'S UNCERTAIN EARNINGS.....3 HUSBAND'S ALCOHOLISM.....4 ILLNESS IN THE HOUSEHOLD5 (Specify who).....6 YOUR OWN HEALTH.....7 BEATING BY HUSBAND.....8 OTHER9	select all that apply	EXM1Q30A EXM1Q30B EXM1Q30C EXM1Q30D EXM1Q30E EXM1Q30F EXM1Q30G EXM1Q30H EXM1Q30I
31	Please specify the other worries or problems affecting you and/or your home?	Specify _____		EXM1Q31
32	If yes to beating by husband – When does he beat you?	WHEN HE IS DRUNK.....1 WHEN I GO OUT TO/RETURN FROM WORK.....2 WHEN I HAVE NOT DONE THE HOUSEWORK.....3 OTHER REASONS (specify).....4	select all that apply	EXM1Q32A EXM1Q32B EXM1Q32C EXM1Q32D
33	When do you think it is right for a man to beat his wife? Ask all	WHEN SHE DOES NOT LOOK AFTER THE HOUSE WELL.....1 WHEN SHE DOES NOT LOOK AFTER THE CHILDREN WELL.....2 WHEN SHE DOES NOT LOOK AFTER PARENTS WELL.....3 WHEN SHE IS DISRESPECTFUL.....4 WHEN SHE ANSWERS BACK.....5 WHEN SHE SPENDS MONEY ON HERSELF.....6 WHEN SHE GOES OUT WITHOUT PERMISSION.....7 WHEN SHE IS ARROGANT/MISCHIEVOUS.....8 IT IS NOT RIGHT FOR A MAN TO BEAT HIS WIFE.....9 OTHER (specify).....10	select all that apply	EXM1Q33A EXM1Q33B EXM1Q33C EXM1Q33D EXM1Q33E EXM1Q33F EXM1Q33G EXM1Q33H EXM1Q33I EXM1Q33J

MUMBAI SAFE MOTHERHOOD STUDY

Hospital Case Study EXIT INTERVIEW:

Module 2 Antenatal History and Case Notes

EXIT ID	Questionnaire number				
EXIT_HOS	Hospital name				

no.	questions and filters	coding categories select only one unless otherwise stated	skip to	input
<p><i>Please Note: Parts of the information to be recorded in this module should be derived from a variety of sources such as; patient responses, labour notes, antenatal notes and discharge cards. Reference to the specific source of information used is given through interviewer instruction notes where appropriate.</i></p>				
Pregnancy History				
1	How many times have you been pregnant?	NO OF PREGNANCIES _____		EXM2Q1
2	How many children have you had that are still alive today?	NO OF CHILDREN _____		EXM2Q2
3	How many children have you had that were born alive but are now dead?	NO OF CHILDREN _____		EXM2Q3
4	How many times have you given birth to a child that was dead (did not cry or breathe)?	NO OF STILL BIRTHS _____		EXM2Q4
5	How many miscarriages have you had?	NO OF MISCARRIAGES _____		EXM2Q5
6	Have you ever given birth to a child that died within one month of birth? <i>(Interviewer note: if the response is yes enquire in to how many times this has happened and record the number)</i>	YES.....1 NO.....2 YES, HAD TWO NEONATAL DEATHS.....3		EXM2Q6
7	How many days old was that child when it died?	DAYS (most recent neonatal) _____ DAYS (2nd most recent neonatal) _____		EXM2Q7 EXM2Q7B
8	How many abortions have you had?	NO OF ABORTIONS _____		EXM2Q8
9	How many times have you taken a goli, herbal remedy or injection to get rid of a suspected pregnancy?	GOLI.....1 HERBAL REMEDY.....2 INJECTION.....3 NO.....4		EXM2Q9
10	Have you ever had a pishwi saaf?	YES.....1 NO.....2→	Q13	EXM2Q10
11	Why did you have a pishwi saaf?	DIFFICULTY CONCEIVING.....1 HEAVY BLEEDING.....2 OTHER.....3		EXM2Q11

12	Where was the pishwi saaf performed?	PUBLIC FACILITY.....1 PRIVATE FACILITY.....2 HOME.....3 OTHER.....4		EXM2Q12
13	How many times have you given birth to a male child?	NO OF MALE CHILDREN _____		EXM2Q13
14	How many times have you given birth to a female child?	NO OF FEMALE CHILDREN _____		EXM2Q14
15	How many male children do you have that are alive today?	NO OF MALE CHILDREN _____		EXM2Q15
16	How many female children do you have that are alive today?	NO OF FEMALE CHILDREN _____		EXM2Q16
17	Have you ever given birth in your home?	YES.....1 NO.....2→	Q20	EXM2Q17
18	How many times have you given birth in your own home?	NO OF TIMES _____		EXM2Q18
19	If you have had a home delivery before – who attended your most recent home delivery?	DAI.....1 ANM.....2 DOCTOR.....3 MOTHER.....4 FEMALE RELATIVES.....5 MOTHER-IN-LAW.....6		EXM2Q19
20	Have you ever given birth in a private institution?	YES.....1 NO.....2		EXM2Q20
21	Have you delivered a baby within the last two years?	YES.....1 NO.....2 NOT SURE OF DATES.....3		EXM2Q21
22	Have any of your previous deliveries been premature?	YES.....1 NO.....2 NOT SURE.....3		EXM2Q22
23	Did you experience any serious difficulties during your last pregnancy or delivery?	YES.....1 NO.....2 NO PREVIOUS PREG/DELIVERY.....3		EXM2Q23
24	What type of complications did you have in your last delivery? <i>(Tick more than one answer if necessary; cross check with obstetric history if available)</i>	NONE.....1 STILL BIRTH.....2 SEVERE POST PARTUM BLEEDING.....3 C-SECTION.....4 NEONATAL DEATH.....5 IUGR.....6 SEVERE ANAEMIA.....7 BLOOD PRESSURE.....8 TEAR.....9 BLOOD TRANSFUSION.....10 REFERRED.....11 OTHER (please specify) _____12		EXM2Q24 EXM2Q24B

25	<p>Were you admitted to hospital during this pregnancy for pregnancy related problems? What type of problem was it and when were you admitted? (Interviewer: Cross check with antenatal notes to assess if this admission has previously been recorded)</p>	<p>NO.....1 BLEEDING.....2 BLOOD PRESSURE.....3 LONG LABOUR.....4 ANAEMIA.....5 PROLONGED SECOND STAGE.....6 C-SECTION.....7 HAEMATOMA POST PARTUM.....8 ANTE PARTUM BLEEDING.....9 PRETERM LABOUR.....10 OTHER.....11</p>	select main complaint	EXM2Q25
26	<p>Were there any other complications in this labour / delivery? What were they? (Interviewer: Cross check with obstetric history if available)</p>	<p>NO.....1 BLEEDING.....2 BLOOD PRESSURE.....3 LONG LABOUR.....4 ANAEMIA.....5 PROLONGED SECOND STAGE.....6 CPD.....7 BREECH.....8 TEAR.....9 BLOOD TRANSFUSION POST PARTUM ..10 OTHER.....11 REFERRAL DURING LABOUR.....12 CAESAREAN SECTION.....13</p>		EXM2Q26
27	If other please specify.	<p>COMPLICATION _____ _____</p>		EXM2Q27
Antenatal history				
28	<p>How many antenatal visits have you had in total? (Interviewer note: use antenatal notes)</p>	TOTAL VISITS _____		EXM2Q28
29	<p>What were the dates of each antenatal visit? (Interviewer note: use antenatal notes)</p>	<p>FIRST VISIT _____ SECOND VISIT _____ THIRD VISIT _____ FOURTH VISIT _____ FIFTH VISIT _____ SIXTH VISIT _____ SEVENTH VISIT _____ DATE OF THE MOST RECENT VISIT _____</p>		<p>EXM2Q29A EXM2Q29B EXM2Q29C EXM2Q29D EXM2Q29E EXM2Q29F EXM2Q29G EXM2Q29H</p>
30	<p>What was your weight at each antenatal visit? (Weight in KG's) (Interviewer note: use antenatal notes)</p>	<p>FIRST VISIT _____ SECOND VISIT _____ THIRD VISIT _____</p>		<p>EXM2Q30A EXM2Q30B</p>

		FOURTH VISIT _____ FIFTH VISIT _____ SIXTH VISIT _____ SEVENTH VISIT _____ MOST RECENT VISIT _____	EXM2Q30C EXM2Q30D EXM2Q30E EXM2Q30F EXM2Q30G EXM2Q30H
31	What was your systolic blood pressure reading at each antenatal visit? What was the diastolic blood pressure at each visit? <i>(Interviewer note: use antenatal notes)</i>	FIRST VISIT SYSTOLIC BP READING _____ FIRST VISIT DIASTOLIC BP READING _____ SECOND VISIT SYSTOLIC BP READING _____ SECOND VISIT DIASTOLIC BP READING _____ THIRD VISIT SYSTOLIC BP READING _____ THIRD VISIT DIASTOLIC BP READING _____ FOURTH VISIT SYSTOLIC BP READING _____ FOURTH VISIT DIASTOLIC BP READING _____ FIFTH VISIT SYSTOLIC BP READING _____ FIFTH VISIT DIASTOLIC BP READING _____ SIXTH VISIT SYSTOLIC BP READING _____ SIXTH VISIT DIASTOLIC BP READING _____ MOST RECENT VISIT SYSTOLIC BP READING _____ MOST RECENT VISIT DIASTOLIC BP READING _____	EXM2Q31A EXM2Q31B EXM2Q31C EXM2Q31D EXM2Q31E EXM2Q31F EXM2Q31G EXM2Q31H EXM2Q31I EXM2Q31J EXM2Q31K EXM2Q31L EXM2Q31M EXM2Q31N
32	Was your blood pressure taken and recorded when you arrived at hospital? If so, what are your diastolic and blood pressure and systolic blood pressure measurements? <i>(Interviewer note: use case notes)</i>	SYSTOLIC BP READING ON ARRIVAL _____ DIASTOLIC BP READING ON ARRIVAL _____	EXM2Q32A EXM2Q32B
<i>Case Notes</i>			

33	How many days spent in hospital? (Check with case notes)	DAYS _____		EXM2Q33
34	Date first arrived in hospital? (Check with case notes)	DAY _____ MONTH _____		EXM2Q34
35	Time of arrival at hospital? (Check with case notes)	TIME _____		EXM2Q35
36	What time of the day or night did you arrive at the hospital? (Time according to the woman)	TIME _____		EXM2Q36
37	Date of the delivery? (Check with case notes)	DAY _____ MONTH _____		EXM2Q37
38	Time of the delivery? (Check with case notes)	TIME _____		EXM2Q38
39	Time of the second delivery if given birth to twins? (Check with case notes)	TIME _____		EXM2Q39
40	Date of discharge? (Check with case notes)	DAY _____ MONTH _____		EXM2Q40
41	Date of booking? (use antenatal notes)	DAY _____ MONTH _____		EXM2Q41
42	Expected date of the delivery? (Check with antenatal notes)	DAY _____ MONTH _____		EXM2Q42
43	Was the baby premature? (Check with antenatal notes)	YES.....1 NO.....2→ EDD UNKNOWN.....3	Q45	EXM2Q43
44	How many weeks premature was the baby? (Check with antenatal notes)	WEEKS _____		EXM2Q44
45	What was the sex of the child?	MALE.....1 FEMALE.....2		EXM2Q45
46	What was the sex of the second child (if given birth to twins)?	MALE.....1 FEMALE.....2		EXM2Q46
47	What was the birth weight of the child? (Check with case notes; weight in kilograms)	WEIGHT _____ Kg's		EXM2Q47
48	What was the birth weight of the second child (if given birth to twins)? (Check with case notes; weight in kilograms)	WEIGHT _____ Kg's		EXM2Q48
49	Date of sonography? (use antenatal notes)	DAY _____ MONTH _____		EXM2Q49
50	HB level at the time of the booking? (use labour notes)	HB _____		EXM2Q50
51	HB readings at post delivery? (Readings either from case notes taken immediately after delivery or from tubal ligation case notes)	HB _____		EXM2Q51
52	What was the result of the STD infection blood test?	POSITIVE.....1 NEGATIVE.....2		EXM2Q52

	<i>(use labour notes)</i>			
53	Did you have an episiotomy? <i>(use labour notes)</i>	YES.....1 NO.....2		EXM2Q53
54	Did you have a perineal tear? <i>(use labour notes)</i>	YES.....1 NO.....2		EXM2Q54
55	Were you given antibiotics? <i>(use labour notes)</i>	YES.....1 NO.....2		EXM2Q55
56	Did you have a C-section? <i>(use labour notes)</i>	NO.....1→ EMERGENCY.....2 ELECTIVE.....3	Q58	EXM2Q56
57	For what reason were you given a C-section? <i>(use labour notes)</i>	REASON _____ _____		EXM2Q57
58	Were forceps or ventouse used in the delivery? <i>(use labour notes)</i>	FORCEPS.....1 VENTEUSE.....2		EXM2Q58
59	Additional information on quality of antenatal, labour, discharge, and case notes: <i>(Interviewer Note: Interviewer to give description of general state of record keeping.)</i>	_____ _____ _____ _____ _____		EXM2Q59

MUMBAI SAFE MOTHERHOOD STUDY

Hospital case study EXIT INTERVIEW:

Module 3 Delivery Care

EXIT_ID	Questionnaire number				
EXIT_HOS	Hospital name				

no.	Questions and filters	coding categories select only one unless otherwise stated	skip to	input
<i>Delivery Intentions</i>				
1	Type of hospital that patient attended?	MUNICIPAL.....1 PRIVATE.....2 CHARITABLE.....3		EXM3Q1
2	Is this the first hospital you went to when you started your labour?	YES.....1→ NO.....2	4	EXM3Q2
3	If no, which type of hospital was the first hospital you went into?	MUNICIPAL HOSPITAL.....1 MUNICIPAL MATERNITY HOME.....2 PRIVATE.....3		EXM3Q3
4	What was the name of the first hospital you went to?	NAME _____		EXM3Q4
5	Why did you not deliver in the first hospital that you went to?	REFERRED.....1 NOT BOOKED.....2 OTHER.....3		EXM3Q5
6	What was the other reason for not delivering in the first hospital you went to?	OTHER REASON (specify).....1 NO OTHER REASON.....2		EXM3Q6
7	What day of the week was it when you went into hospital for your delivery?	MONDAY.....1 TUESDAY.....2 WEDNESDAY.....3 THURSDAY.....4 FRIDAY.....5 SATURDAY.....6 SUNDAY.....7		EXM3Q7
8	Did you have any delays in getting to the hospital?	NO DELAYS.....1 HOUSEHOLD DUTIES.....2 HAD TO WAIT FOR HUSBAND.....3 HAD TO WAIT FOR TRANSPORT.....4 TOOK ALONG TIME.....5 SECOND HOSPITAL.....6 HAD TO WAIT FOR OTHER RELATIVES....7 OTHER.....8		EXM3Q8
9	What were the other delays in getting to the hospital?	OTHER DELAYS (specify).....1 NO OTHER DELAYS.....2		EXM3Q9

10	How long was it from what you thought were the first signs of labour until you left for the hospital?	HOURS _____ IN HOSPITAL ALREADY.....1 DON'T REMEMBER.....2		EXM3Q10
11	Who made the decision that you should go to the hospital when you did go?	ME.....1 MOTHER-IN-LAW.....2 MOTHER.....3 SISTER.....4 OTHER FEMALE RELATIVE.....5 OTHER MALE RELATIVE.....6 NEIGHBOUR.....7 OTHER DOCTOR.....8 ANM.....9 OTHER(specify) _____..10		EXM3Q11A EXM3Q11B
12	How long did it take from when you left to go to hospital to when you arrived at the hospital?	HOURS _____ MINUTES _____		EXM3Q12
13	How did you get to hospital?	ON FOOT.....1 TAXI.....2 MOTORCYCLE.....3 AUTORICKSHAW.....4 BICYCLE.....5		EXM3Q13
14	Were you booked at this hospital?	YES.....1→ NO.....2 NOT BOOKED.....3	Q16	EXM3Q14
15a	If no, were you booked for a delivery at another hospital?	MUNICIPAL.....1 PRIVATE.....2 NOT BOOKED.....3		EXM3Q15A
15b	What was the name of this other hospital?	NAME (specify) _____ _____		EXM3Q15B
16	Had you planned to deliver in this hospital?	YES.....1 NO.....2→	Q18	EXM3Q16
17	Why did you plan to deliver at that particular hospital?	GOOD REPUTATION.....1 NEARBY.....2 RECOMMENDED BY FRIENDS/RELATIVES.....3 DELIVERED HERE BEFORE.....4 TOLD TO BY RELATIVES.....5 KNEW SOMEONE WHO WORKED HERE..6 OTHER.....7 (specify _____)	select all that apply	EXM3Q17A EXM3Q17B EXM3Q17C EXM3Q17D EXM3Q17E EXM3Q17F EXM3Q17G
18	Why did you not deliver at a private hospital?	COST.....1 NOT GOOD SERVICE AT PRIVATE.....2 WANTED TUBAL LIGATION.....3 OTHER (specify) _____ 4		EXM3Q18
19	Why did you plan to deliver at hospital rather than at home?	SAFER.....1 NO-ONE TO ATTEND AT HOME.....2 BECAUSE FIRST CHILD.....3 BECAUSE OF PREVIOUS COMPLICATION..4 OTHER (specify _____)..5	select all that apply	EXM3Q19A EXM3Q19B EXM3Q19C EXM3Q19D EXM3Q19E

<i>Delivery Experience</i>				
20	How long did the strong labour pains go on for?	HOURS _____ MINUTES _____		EXM3Q20
21	Who was the first person to examine you?	NURSE/ANM.....1 DOCTOR.....2 MATRON.....3 AYABAI.....4 OTHER.....5 (specify _____)		EXM3Q21
22	When you arrived were any of the following true?	YOUR WATERS HAD GONE.....1 YOU WERE BLEEDING.....2 YOU HAD BEEN IN LABOUR FOR A VERY LONG TIME THAT WORRIED YOU OR YOUR FAMILY.....3 YOU HAD RECENTLY HAD A FIT.....4 YOU HAD RECENTLY BLACKED OUT.....5 YOU HAD NOT FELT THE BABY MOVE FOR A LONG TIME.....6	select all that apply	EXM3Q22A EXM3Q22B EXM3Q22C EXM3Q22D EXM3Q22E EXM3Q22F
23	Which of the following happened during your first examination?	PUBIC HAIR SHAVED.....1 GIVEN AN ENEMA.....2 VAGINAL EXAMINATION (How Many).....3 BLOOD PRESSURE CHECKED.....4	select all that apply	EXM3Q23A EXM3Q23B EXM3Q23C EXM3Q23D
24	Were you attended to by a doctor during your labour?	YES.....1 NO.....2 DELIVERED TOO QUICKLY/ NO ONE.....3		EXM3Q24
25	Were you attended to by an ANM during your labour?	YES.....1 NO.....2		EXM3Q25
26	Were you attended to by a doctor during your delivery?	YES.....1 NO.....2		EXM3Q26
27	Was the doctor a man or a woman?	MAN.....1 WOMAN.....2 DON'T KNOW.....3		EXM3Q27
28	Were you attended to by an ANM/sister during your delivery?	YES.....1 NO.....2		EXM3Q28
29a	How did you feel about the state of the bed you were given whilst in the waiting/labour room?	BED WAS CLEAN.....1 BED WAS DIRTY.....2 EXPRESSED NO OPINION.....3		EXM3Q29A
29b	Did you feel that the waiting/labour room was crowded?	YES.....1 NO.....2 EXPRESSED NO OPINION.....3		EXM3Q29B
29c	How did you feel about the airiness of the waiting/labour room?	AIRY.....1 NOT AIRY ENOUGH.....2 EXPRESSED NO OPINION.....3		EXM3Q29C
30	Do any of the following describe your treatment by doctors/ANM during labour and delivery?	GENERALLY POSITIVE.....1 GENERALLY NEGATIVE.....2 NO OPINION EXPRESSED.....3		EXM3Q30

31	Were you slapped by anyone?	YES, BY A DOCTOR.....1 YES BY AN ANM/SISTER.....2 YES, BY AYABAI.....3 NO.....4		EXM3Q31
32	Were you shouted at by the sister/ANM	YES.....1 NO.....2 YES, BY AYABAI.....3		EXM3Q32
33	Were you shouted at by the doctor?	YES.....1 NO.....2		EXM3Q33
34	Would you have liked any of the above to have been with you during labour that was not with you?	DOCTOR.....1 SISTER/ANM.....2 AYABAI.....3 MOTHER.....4 MOTHER IN LAW.....5 MY SISTER.....6 OTHER FEMALE RELATIVE.....7 HUSBAND.....8 NO ONE ELSE.....9		EXM3Q34
35	Why were they not with you?	NOT ALLOWED BY HOSPITAL.....1 LOOKING AFTER CHILDREN.....2 OTHER.....3		EXM3Q35
36	What was the other reason for them not being with you?	REASON _____ _____		EXM3Q36
37	Was anyone waiting for you outside the labour room in (or just outside) the hospital until you had delivered?	YES.....1 NO.....2		EXM3Q37
38	Who was that person who was waiting for you?	MOTHER.....1 MOTHER IN LAW.....2 HUSBAND.....3 OTHER FEMALE RELATIVE.....4 OTHER MALE RELATIVE.....5 FRIEND OR NEIGHBOUR.....6	select all that apply	EXM3Q38A EXM3Q38B EXM3Q38C EXM3Q38D EXM3Q38E EXM3Q38F
39	Did the person who attended you most in labour and delivery explain to you clearly what was happening?	YES1 YES, TO SOME EXTENT.....2 NO, NOT AT ALL.....3 NO OPINION.....4		EXM3Q39
40	Was anything done to relieve the pain of labour?	NOTHING1 OXYGEN.....2 INJECTION.....3 HERBAL REMEDY.....4		EXM3Q40
41	Was anything done to speed up or bring on labour?	HERBAL REMEDY.....1→ INJECTION.....2 DRIP.....3→ PESSARY.....4→ ARTIFICIAL BREAKING OF WATERS.....5→ NO.....6→	Q43 Q43 Q43 Q43 Q43	EXM3Q39
42	How many injections were you given?	NO OF INJECTIONS _____		EXM3Q40
43	Were instruments used to help the baby out, or did the baby arrive by itself?	YES.....1 NO.....2 C-SECTION.....3		EXM3Q43

44	Was anything else done to help the baby out?	NO.....1 FUNDAL PRESSURE.....2 C-SECTION.....3 BORE DOWN MYSELF.....4 PULLED BABY.....5		EXM3Q44
45	What part of the baby came out first?	HEAD.....1 OTHER.....2 C-SECTION.....3		EXM3Q45
46	What position were you in when you delivered your baby?	LYING ON BACK.....1 SITTING PROPPED UP.....2 SQUATTING / STANDING.....3 OTHER.....4		EXM3Q46
47	Did the placenta come out by itself?	YES.....1→ NO.....2 DON'T KNOW.....3 C-SECTION.....4	Q49	EXM3Q47
48	What was done to remove it?	PULLED BY THE CORD.....1 INJECTION AFTER BABY WAS OUT.....2 MANUAL REMOVAL.....3 ABDOMINAL MASSAGE.....4		EXM3Q48
49	Was your uterus examined internally after the delivery of the placenta?	YES.....1 NO.....2		EXM3Q49
50	When you delivered did you bleed so much that you were afraid you might die?	YES, SCARED BUT DID NOT THINK THAT I WOULD DIE.....1 YES, SO MUCH I THOUGHT I WOULD DIE.....2 NO.....3		EXM3Q50
51	Did you have an injection immediately after delivery?	YES.....1 NO.....2		EXM3Q51
52	If a C-section, was the cut across your body or downwards?	ACROSS.....1 DOWNWARDS.....2		EXM3Q52
53	If you have previously had a C-section what is the direction of the scar?	ACROSS.....1 DOWNWARDS.....2		EXM3Q53
54	Where was the previous C-section performed?	MUNICIPAL HOSPITAL.....1 PRIVATE INSTITUTION.....2 CHARITABLE INSTITUTION.....3		EXM3Q54
55	If you were given a C-section in this delivery, was it painful?	YES.....1 NO.....2		EXM3Q55
56	Was it painful when you had your stitches?	NO STITCHES.....1 VERY PAINFUL.....2 UNCOMFORTABLE.....3 NO.....4 C-SECTION.....5		EXM3Q56
Post-Delivery Experience				
57	Did you know the sex of the baby before you delivered?	YES.....1 NO.....2→	Q59	EXM3Q57
58	If yes, how did you know?	SONOGRAPHY AT MUNICIPAL FACILITY...1 SONOGRAPHY IN PRIVATE IN MUMBAI...2 SONOGRAPHY IN MUNICIPAL FACILITY OUTSIDE MUMBAI.....3 SONOGRAPHY IN PRIVATE OUTSIDE MUMBAI.....4 SONOGRAPHY AT CHARITABLE FACILITY (LYONS CLUB).....5		EXM3Q58

59	Do you think your baby is of big, medium or small size?	BIG.....1 MEDIUM.....2 SMALL.....3 VERY SMALL.....4 DEAD BABY.....5	68	EXM3Q59
60	How long was it after the birth that they handed the baby to you?	MINUTES _____ HOURS _____		EXM3Q60
61	Do you know why you and your baby were separated for that long?	TO CLEAN/CHECK THE BABY.....1 THE BABY WAS NOT WELL.....2 THE BABY WAS DEAD.....3→ YOU WERE NOT WELL.....4 SUTURING AND TO CLEAN THE BABY.....5 BLEEDING/INJECTION.....6	68	EXM3Q61
62	How long after the delivery did you put the baby to your breast?	MINUTES _____ HOURS _____ DAYS _____ NOT APPLICABLE.....9999		EXM3Q62
63	Why did you not breastfeed sooner than you did?	NOT ENOUGH MILK.....1 BABY SLEEPING.....2 BABY UNWELL.....3 DID NOT KNOW THAT COULD FEED COLUSTRUM.....4 SEPARATED FROM BABY.....5		EXM3Q63
64	Have you given your baby anything else to drink?	NO.....1 SUGAR WATER.....2 WATER.....3		EXM3Q64
65	How did you know how to breastfeed?	CAME NATURALLY.....1 HAD BABY BEFORE.....2 ANM/SISTER SHOWED ME.....3 BY SEEING OTHER PEOPLE.....4 MOTHER/OTHER RELATIVE SHOWED ME.....5 ANTENATAL SLIDES/CASSETTES.....6 OTHER MOTHER SHOWED ME.....7	select all that apply	EXM3Q65
66	Were you offered any bottled/cows milk for your baby?	YES.....1 NO.....2→	Q68	EXM3Q66
67	If yes, why was that?	PROBLEMS BREASTFEEDING.....1 NOT ENOUGH MILK & BABY WAS HUNGRY.....2 BABY UNWELL.....3 TOO WEAK TO BREASTFEED.....4 DON'T KNOW.....5		EXM3Q67
68	Do you want to have another baby? After how many years?	YEARS _____		EXM3Q68
69	What sort of contraception will you use?	TUBAL LIGATION.....1 COPPER T/ IUD.....2 ORAL CONTRACEPTIVE.....3 DON'T KNOW YET.....4 DON'T WANT TO USE CONTRACEPTIVE.....5 NO HUSBAND.....6 WANT CHILD SOON.....7		EXM3Q69
70	Did you have a sonography during this pregnancy? If so how much did this cost?	Rs _____		EXM3Q70
71	Did you have a second sonography during this pregnancy? If so how much did this cost?	Rs _____		EXM3Q71

MUMBAI SAFE MOTHERHOOD STUDY
PART III: Quality Schedules
HOSPITAL PROFORMA

Institutional Delivery – Municipal and Private Situation Analysis

- Whenever possible enter the source (even if there is more than one source) of your information.

Name of Hospital/Nursing Home _____

Date _____

No	QUESTIONS	RESPONSES	NOTES
Deliveries			
1	<p>What is the average number of deliveries in hospital/ward X?</p> <p>Use last complete year March 1997-April 1998 as reference</p>	<p>Average number of deliveries.....</p> <p>Per week _____</p> <p>Per Month _____</p> <p>Per Year _____ (cross check with previous questions)</p>	
2	<p>What is the average percentage of births delivered by caesarean section in hospital/ward X?</p> <p>Use last complete year March 1997-April 1998 as reference</p>	<p>Average % per month</p> <p>Average % per year</p>	
Staff			
3	<p>Who is the person responsible for the overall running of the maternity wards/hospital?</p>	<p>Position _____</p> <p>Name _____</p>	
4	<p>What is the total number staff employed by the hospital to work on the maternity ward per shift?</p>	<p>Number _____</p>	

No	QUESTIONS	RESPONSES			NOTES	
5	<p>Please give a break down of a normal compliment of staff on labour and delivery wards by grading, length of shift and monthly pay in Rs.</p> <p>If mixed in with post natal ward combine – but try and get an idea of how many are available to assist women in labour.</p>	<p>SISTER in CHARGE MIDWIVES ANMs STAFF NURSE HOUSE SURGEON REGISTRAR LECTURER HONORARY ASS. HONORARY ANAETHETISTS PAEDIATRICIAN RECEPTIONIST SWEEPERS AYABAIS MALE ATTENDANTS OTHERS?</p>	NUMBER	NORMAL SHIFT	MONTHLY PAY	

No	QUESTIONS	RESPONSES	NOTES
Infrastructure/Equipment			
6	In total, how many maternity beds are there in the building?	Examination room/s _____ Waiting room/labour ward _____ Delivery Room _____ Operating Theatre _____ Post Natal ward/s _____ Private rooms _____ Room for cases of hypertension _____ Total _____	
7	Briefly describe physical layout of maternity wards? (eg. number of rooms, number of operating theatres, number of delivery rooms, private rooms) If possible draw brief sketch of layout		
8	Who do women usually see first when they arrive at the maternity wing?	State position/s	
9	Who is responsible for all new admissions?		
10	Usually, who is the first person to examine a woman presenting at the maternity wing?		
11	Examination Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____	
12	Labour Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____	

No	QUESTIONS	RESPONSES	NOTES
13	Delivery Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____	
14	Operating Theatre How many handbasins are there in this/these rooms?	Number of handbasins in room _____	
15	Post natal ward/rooms How many handbasins are there in this/these rooms?	Number of handbasins in room _____	
16	Is there soap/disinfectant available at each handbasin? Select appropriate response	Yes, all of them Yes, some of them Yes, only a few of them No, none of them	
17	Are there curtains/blinds that can be put around beds to maintain privacy during examination? Select appropriate response	Yes, enough for every bed Yes, enough for some beds Yes, but very few No, none at all	
18	Are these curtains/blinds used for every examination? Take examination to mean then a women is in labour and she is being physically examined (either internally or externally) by a member of staff)	No, not for every examination Yes, it appears so	
19	How many toilets are there available to women in labour? How many toilets are there available to women in post natal wards	Number of toilets In labour _____ Post natal _____	

No	QUESTIONS	RESPONSES	NOTES
20	How would you describe the toilets? Select appropriate responses	Very Quite Average Poor Convenient Clean	
21	How many handbasins are there attached to the toilets?	Total number of handbasins	
22	Do all the handbasins have soap easily available? Select appropriate response	Yes No, only a few No, none at all	
23	Who is primarily responsible for the running of the labour room/s?	State position/s	
24	Are all beds in labour room/delivery room accessible from both sides? Select appropriate responses	Labour Room Delivery Room Yes, all of them Yes, some of them Yes, but only a few No, none at all (one side only)	
25	How would you rate the level of privacy afforded a woman in labour? (i.e. well-shielded from other women during labour ,if desired, vs no means of covering/providing private space for labouring woman) Select appropriate response	Good Reasonable Not very good Poor	
Delivery Room and Equipment			
26	Is the delivery room the same room as the labour room? Select appropriate response	Yes No Sometimes	

Equipment Roster			
Question 27	CHECK EQUIPMENT AVAILABLE FOR HOSPITAL STAFF (if not able to do this in detail run through list with staff member responsible for stock checks and get an idea if usually in stock, no problem with supplies, sometimes problems with supplies or not kept in stock)	QUANTITY/UNITS Usually in stock No supply problems Occasional supply problems Frequent supply problems Not routinely kept in stock	COMMENTS eg. Stocks low/broken/poor quality/visibly not clean/sterile
Equipment	a) Vacuum extractor b) IV infusion sets c) IV fluids d) Ovum forceps e) Vaginal speculum f) Artery forceps g) Needles h) Sutures i) Syringes j) Scissors k) Curette l) Sphygmomanometer m) Suction equipment Note how easily accessible m, n & o are in different areas n) Defibrillator o) Intubator equipment	a) b) c) d) e) f) g) h) i) j) k) l) m) n) o)	a) b) c) d) e) f) g) h) i) j) k) l) m) n) o)

TYPE	EQUIPMENT AVAILABLE FOR HOSPITAL STAFF	QUANTITY/UNITS	COMMENTS
Key Drugs	a) Oxytocics b) Anticonvulsants c) Procaine Penicillin d) Crystalline Penicillin e) Gentamycin f) Metronidazole g) Ampicillin h) Local anaesthetics i) General anaesthetics j) Oxygen k) Adrenaline l) Epinephrine	a) b) c) d) e) f) g) h) i) j) k) l)	a) b) c) d) e) f) g) h) i) j) k) l)
Laboratory Equipment	a) Microscope b) Test-tubes c) Slides	a) b) c)	a) b) c)
Blood Bank	a) Blood bags b) Anti-sera c) Storage capacity	a) b) c)	a) b) c)
Operating Theatre	a) Caesarean section b) Laparotomy set c) Neo-natal intubation set		

TYPE	COMMENTS
Sterilisation Procedure Note procedure –delays in getting sterile equipment back? – enough sets?	
Blood Supplies Briefly describe stock/procedures for replenishing supplies etc	

No	QUESTIONS	RESPONSES
Management Information System Stationary/Forms		
28	<p>What information is routinely collected and stored by the hospital about each admission/delivery?</p> <p>If possible copy forms</p>	<p>Detail (note time stored eg. Past five years)</p> <p>Booked/unbooked _____</p> <p>Date of admission _____</p> <p>Time of admission _____</p> <p>Name of woman _____</p> <p>Address _____</p> <p>Age in completed years _____</p> <p>Parity _____</p> <p>Number of children alive _____</p> <p>Length of labour _____</p> <p>Complication -diagnosis _____</p> <p>Treatment given _____</p> <p>Surgical intervention on delivery _____</p> <p>- Forceps/vacuum extractor/c-section/episiotomy _____</p> <p>Treatment given _____</p> <p>Weight of baby _____</p> <p>Condition of baby at birth _____</p> <p>Condition of mother at birth _____</p> <p>Sex of baby _____</p> <p>Condition of perineum _____</p> <p>Post-natal complications _____</p> <p>Other _____</p> <p>(specify all)</p>

No	QUESTIONS	RESPONSES
29	<p>Does the facility maintain patient records throughout labour and delivery? Request template as below - detail what is required by hospital and/or what is done, observe examples</p>	
30	<p>Does the facility keep a copy of these records or give them to the woman on discharge? Select as appropriate</p>	<p>Yes, keeps a copy Yes gives them to the woman Both Neither</p>
31	<p>What kinds of record keeping systems exist in the hospital/wards? Take examples of forms/templates if possible</p>	
32	<p>Is there some kind of 'Facility Data Summary Form' ie. A form that records obstetric complications on a monthly basis? Request template for above</p>	
33	<p>Who is responsible for ensuring that these records are accurately maintained?</p>	<p>State position/s</p>
34	<p>How many C-sections were performed over last 3 yrs? Note total deliveries for these periods if possible -full 12 month periods</p>	
35	<p>What number/percentage of C-sections are performed under general anesthetic or epidural/spinal? Clarify whether percentage or number: note data source</p>	
36	<p>What percentage/number of C-sections performed in this hospital are elective? That is not emergency C-sections – performed before labour has begun and for which woman has been prepared .</p>	<p>Number/percentage (clarify) On average annually (verbal estimate)</p>

No	QUESTIONS	RESPONSES
37	<p>How many ‘emergency cases’ do you deal with on average each week?</p> <p>Emergency refers to a situation regarded as potentially life threatening by senior obstetrician – for which specialist medical attention is required and which cannot be handled by midwives and junior doctors alone.</p>	<p>Number</p> <p>Details available?</p>

No	QUESTIONS	RESPONSES				NOTES
Procedures, policies and guidelines						
38	<p>Which of the following procedures would you say are applicable to the management of labour in this hospital?</p> <p>a) Use of enema b) Pubic shaving (for non C-section delivery) c) Use of intravenous infusion d) Use of prophylactic insertion of intravenous cannula e) Use of supine position during labour f) Rectal examination g) Xray pelvimetry h) Use of lithotomy position with or without strirups for delivery (probe if routine – why do they prefer this?) i) Sustained, directed bearing down movements (Valsalva manoeuvre) during second stage labour j) The use of oral tablets of ergometrine in the third stage of labour to prevent or control haemorrhage k) Lavage of the uterus after delivery l) Revision (manual exploration) of uterus after delivery m) The use of third stage oxytocic drug? n) Vertical caesarean cut (navel down) o) Horizontal caesarean cut p) Rhesus Blood Test (note when used) q) Episiotomy for first births r) Episiotomy for subsequent births (probe) If routine for any group ask why – and probe explanation. s) Use of magnesium sulphate for preeclampsia – drug of first choice?</p>	Routinely	Most of the time	Some of the time	Never	

No	QUESTIONS	RESPONSES	NOTES
39	Is blood testing available on site or outside the hospital premises?	On site Outside hospital (give details)	
40	How long does it usually take to receive the results of a routine blood test (eg. Hb levels)? How long does it usually take to receive the results of a Rhesus Test?	HB Rhesus Typing Minutes Hours Days	
41	In the case an emergency how long does it usually take to receive the results of a blood test (eg. Typing and Hb)	HB Rhesus Typing Minutes Hours Days Comment on blood _____	
42	Are blood testing facilities available on a 24 hour basis?	Yes No (detail)	
43	Are blood supplies available on a 24 hour basis?	Yes No (detail)	
44	Do you ask women who you believe to be at risk of a complication to arrange make blood available for her confinement?		
45	Is anaesthesia (and someone to administer it) available on a 24 hour basis? Probe availability of anaesthetists	Yes No (detail)	

No	QUESTIONS	RESPONSES	NOTES
46	Is the baby routinely taken away from the mother directly after birth for any of the following?	Apgar checked by paediatrician/staff nurse Cleaning Other reasons	
47	Is early (within first few hours of delivery) breastfeeding actively encouraged by staff? Probe about breastfeeding/priority placed on it etc and observe	Yes No	
48	If yes, do you have any written policy guidelines available to staff about breastfeeding? Are they Baby Friendly certified?	Yes – not seen Yes – verified No	
49	Is there a trained member of staff responsible for aiding women with breastfeeding?	Yes (if so state position) _____ No	
50	If yes what is the recommended length of stay for women who have had deliveries that are not considered complicated?	Recommended length of stay _____	
51	In practice what is the average length of stay for a woman whose delivery was not considered complicated?	1 day 2-3 days 4-5 days 6-8 days 9 days+	
52	In practice what is the average length of stay for a woman who has a c-section? use supporting information if available	3-5 days 6-8 days 9-12 days 13-15 days 16 days+	

No	QUESTIONS	RESPONSES				NOTES
Post Natal Care						
53	On postnatal wards how often are women and their infants routinely examined by a doctor/paediatrician?	Once only Once a day Twice a day Three+ times a day Every 4-6 hours Whenever necessary				
54	On postnatal wards how often are women and their infants examined by a midwife/anm?	Once only Once a day Twice a day Three times a day Every 4-6 hours Whenever necessary				
55	Whose decision is it to allow women to be dschrged?	State position/s				
56	Does the woman have to be examined by anyone particular before being discharged?	State position/s				
57	On postnatal ward how often do midwives/anms Take women's temperatures? Inspect lochia? Feel uterine fundus? Check infant feeding patterns/problems? Check Hb levels? Check stitches? Take Blood Pressure	Routinely every 4 hrs	Once a day	About once during stay	Sometimes but not usually	Notes

No	QUESTIONS	RESPONSES	NOTES
58	<p>How much do you charge women for the following in Rupees?</p> <p>Ask to have see and keep copy of current price list</p>	<p>Food/drink Laundry Medication Use of bed Routine examinations Blood testing Blood transfusion Anaesthesia Baby formula/cows milk X ray pelvimetry Sonography Other (specify)</p>	
59	<p>Are women encouraged to have a person or persons of their choice to support them during labour?</p>	<p>Yes No – if no, state reason given (eg. not hospital policy)</p>	
60	<p>Are women who have had a previous C-section actively considered for a subsequent vaginal delivery?</p>	<p>Yes, usually No, not normally</p>	
61	<p>Are prophylactic antibiotics used for emergency c-sections?</p>	<p>Yes, always No Sometimes Usually</p>	
62	<p>Are prophylactic antibiotics used for elective c-sections?</p>	<p>Yes, always X No Sometimes Usually</p>	

No	QUESTIONS	RESPONSES	NOTES
63	<p>For the induction of a primiparous woman with an unripe cervix do you usually manage this by prostaglandins or artificial rupture of the membranes or oxytocin?</p> <p>Tick all that apply or describe preferred process – which one first etc</p>	<p>Prostaglandins Artificial Rupture of the membranes Oxytocin</p>	
64	<p>When perineal trauma occurs what is the suturing method of first choice?</p>	<p>Subcuticular Don't know</p>	
65	<p>What is your suture material of first choice?</p>	<p>Polyglycolic acid suture Catgut Other (specify) Why is this so?</p>	
66	<p>What do you encourage a women to do when in labour?</p> <p>Tick all that apply</p>	<p>Stay mobile Lie down (left lateral) Lie down (supine) Breathe Advise on pain relief Other (specify)</p>	
67	<p>What position do you encourage to be in for delivery?</p> <p>Probe – what if they want to deliver in a different position – do you advise otherwise?</p>		

Please note:

1) Name of interviewer _____

2) Position of all staff members who contributed to completing this situation analysis

MUMBAI SAFE MOTHERHOOD STUDY
PART IV Hospital records

HOSPITAL RECORD SHEET

MUMBAI SAFE MOTHERHOOD STUDY HOSPITAL RECORD

Hospital Name: _____

Year of Record: _____

	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Totals												
Confinements												
Deliveries												
Complications												
Number of deliveries												
Booked												
Unbooked												
Total												
Transferred deliveries												
Booked												
Unbooked												
Age of mother												
< 20												
20 – 35												
35 >												
Religion												
Hindu												
Muslim												
Buddhist/ Scheduled caste												
Principal attendant												
Midwife												
Staff nurse												
Doctor												
Sex of principal attendant												
Male												
Female												
Birth weight												
< 2.5kg												
2.5kg +												
Parity												
Prima-gravida												
Multi-gravida												
Multi Births												
Twins												
Total number												
Term												
Full-term												
Pre-term												

Delivery/labour type										
Normal										
Complicated labour										
Referred patients										
Number										
Delivery method										
Emergency lower segment cesarian section										
Elective lower segment cesarian section										
Forceps										
Vacuum										
Vertex										
Breech										
Episiotomy										
Normal										
Abortions										
Complete										
Total										
Required blood transfusion										
Yes										
Maternal deaths										
During delivery										
Within the 6 weeks after delivery										
Within the 20 weeks prior to delivery										
Total										
Infant deaths										
Neo-natal 0-6										
Neo-natal 2-26										
Total neo-natal										
Medically terminated preg'										
During delivery										
Mascerated still birth										
Fresh still birth										
Still births										
Complications										
Haemorrhage PP/AP										
Prolonged/obstructed labour										
Cephalo – pelvic disproportion										
Post-partum sepsis										
Pre-eclampsia										
Eclampsia										

Ectopic pregnancy																				
Ruptured uterus																				
Anaemia																				
Toxemia																				
High BP (ANC & PIH)																				
PPH/Low BP																				
Apgar <7																				
Hand prolapse																				
Face																				
Bleeding per vagina																				
Abnormal delivery																				
Fever patients																				
Abnormal baby																				
Awaiting report																				
Abortion related																				
Complete curettage																				
Contraception																				
Tubal ligation																				
Copper T																				
External deliveries																				
Referrals																				
Rickshaws																				
External transfers																				
Women																				
Babies																				

Appendix One

Volume II

MUMBAI SAFE MOTHERHOOD SURVEY Responses

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**MUMBAI SAFE MOTHERHOOD STUDY
PART I**

**EXIT INTERVIEW
RESPONSES**

MUMBAI SAFE MOTHERHOOD STUDY

Module 1: Background Details

Variable name: EXM1Q1
Question: Hospital name

		Frequency	Percent	Valid Percent
Valid	Shatabdi/Centinary	26	37.1	37.1
	Ramabai/Chembur	20	28.6	28.6
	Rajawadi	24	34.3	34.3
	Total	70	100.0	100.0

Variable name: EXM1Q3
Question: How old are you?

		Frequency	Percent	Valid Percent
Valid	18	2	2.9	2.9
	19	3	4.3	4.3
	20	8	11.4	11.4
	21	6	8.6	8.6
	22	13	18.6	18.6
	23	5	7.1	7.1
	24	2	2.9	2.9
	25	6	8.6	8.6
	26	5	7.1	7.1
	27	3	4.3	4.3
	28	5	7.1	7.1
	29	3	4.3	4.3
	30	7	10.0	10.0
	32	1	1.4	1.4
	35	1	1.4	1.4
	Total	70	100.0	100.0

Variable name: EXM1Q4
Question: What locality are you from?

		Frequency	Percent	Valid Percent
Valid	Shahaji Nagar	1	1.4	100.0
Missing	System	69	98.6	

Total		70	100.0
Variable name:	EXM1Q5		
Question:	How would you describe your locality?		

		Frequency	Percent	Valid Percent
Valid	Amardeep Seth, Chemb	1	1.4	1.4
	Ambedkar Nagar	1	1.4	1.4
	Anusharki Nagar	1	1.4	1.4
	Ashok Nagar	1	1.4	1.4
	Asrdash Nagar	1	1.4	1.4
	Baiganwadi Govandi	1	1.4	1.4
	Bainganwad Govandi	1	1.4	1.4
	Basant	1	1.4	1.4
	Bharat Nagar	1	1.4	1.4
	Chembur	4	5.7	5.7
	Chembur Camp	1	1.4	1.4
	Gaikwad Chawl, Bandup	1	1.4	1.4
	Gaikwad nagar	1	1.4	1.4
	Gaikwad Nagar	1	1.4	1.4
	Ghatkopar	4	5.7	5.7
	Ghatla Village	1	1.4	1.4
	Goregam	1	1.4	1.4
	Govandi	6	8.6	8.6
	Indira nagar	1	1.4	1.4
	Indira Nagar	1	1.4	1.4
	Indira Thakur Chawl	1	1.4	1.4
	Joytap Chawl	1	1.4	1.4
	Kamrag Nagar, Ghatkopar	1	1.4	1.4
	Libonibag	1	1.4	1.4
	Mahul Rd, Chembur	1	1.4	1.4
	Mahul Road, Chembur	1	1.4	1.4
	Makad	1	1.4	1.4
	Milind Nagar	1	1.4	1.4
	Mitra Mandal	1	1.4	1.4
	Mukund Nagar	1	1.4	1.4
	New Municipal Pipeline	1	1.4	1.4
	Newcrot, Chembur	1	1.4	1.4
	Nimoni Barg, Govandi	1	1.4	1.4
	Nirmala Shivaji	1	1.4	1.4
	No.2 Pipeline, Bhandup (W)	1	1.4	1.4
	Nr. Tansa Pipeline	2	2.9	2.9
	Panjrapur, Chembur	1	1.4	1.4
	PMG Colony, Mankurd	1	1.4	1.4
	Pranjpole, chembur	1	1.4	1.4
	Rahul Nagar	1	1.4	1.4
	Railway Tracks, Gova	1	1.4	1.4
	Rajaram Nagar	1	1.4	1.4
	Sambu Chawl	1	1.4	1.4

Shahaji nagar	1	1.4	1.4
Shaivagi Nagar	1	1.4	1.4
Shivaji Nagar	1	1.4	1.4
Shivneri Nagar, Chem	1	1.4	1.4
Sidharth nagar	1	1.4	1.4
Tansa Pipeline	2	2.9	2.9
TB Colony	1	1.4	1.4
Trombay Rd. Sion	1	1.4	1.4
Vash Naka, Chembur	1	1.4	1.4
Vashi Naka	2	2.9	2.9
Vishu nagar	1	1.4	1.4
Vithal Prandir, Chem	1	1.4	1.4
Washinaka		1	1.4
Total		70	100.0

Variable name: EXM1Q6A
 Question: What is your ward of residence?

	Frequency	Percent	Valid Percent
Valid	60	85.7	85.7
Alibarg Village	1	1.4	1.4
Village	9	12.9	12.9
Total	70	100.0	100.0

Variable name: EXM1Q6B
 Question: Please specify your ward of residence if other?

	Frequency	Percent	Valid Percent
Valid	69	98.6	98.6
N	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM1Q7
 Question: What is the religion of your household?

	Frequency	Percent	Valid Percent
Valid hindu	48	68.6	68.6
muslim	9	12.9	12.9
buddhist	12	17.1	17.1
christian	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM1Q8
 Question: What is the caste of your household?

		Frequency	Percent	Valid Percent
Valid	no	63	90.0	90.0
	scheduled caste	6	8.6	8.6
	schedule tribe	1	1.4	1.4
Total		70	100.0	100.0

Variable name: EXM1Q9
 Question: Who is the head of your household?

		Frequency	Percent	Valid Percent
Valid	husband	44	62.9	62.9
	father-in-law	17	24.3	24.3
	mother-in-law	4	5.7	5.7
	brother-in-law	2	2.9	2.9
	mother	1	1.4	1.4
	yourself	2	2.9	2.9
Total		70	100.0	100.0

Variable name: EXM1Q10A
 Question: What is the occupation of the main income earner in your household

		Frequency	Percent	Valid Percent
Valid	perm service in govt/munic	5	7.1	7.1
	perm service in factory/wkshop	15	21.4	21.4
	perm service in shops/estabs	7	10.0	10.0
	casual work in factory/works/mill	10	14.3	14.3
	casual work in shops/estabs	15	21.4	21.4
	domestic sector fulltime	1	1.4	1.4
	unemployed	2	2.9	2.9
	farmer - temporary	3	4.3	4.3
	retired on pension	2	2.9	2.9
	self employed	8	11.4	11.4
	other	2	2.9	2.9
Total		70	100.0	100.0

Variable name: EXM1Q10B
 Question: Other occupation of the main income earner in your household? Please specify

	Frequency	Percent	Valid Percent
Valid	49	70.0	70.0
3	1	1.4	1.4
casual farm labourer	1	1.4	1.4
casual labourer	1	1.4	1.4
contract work/ft in private company	1	1.4	1.4
electrician	1	1.4	1.4
electrician, temporary	1	1.4	1.4
employed as taxi driver - fulltime not permanent	1	1.4	1.4
father in law, railway pension	1	1.4	1.4
full time work in press/not permanent	1	1.4	1.4
gas	1	1.4	1.4
helper in private hospital	1	1.4	1.4
permanent driver	1	1.4	1.4
self employed rickshaw driver	1	1.4	1.4
self employed, sells bananas	1	1.4	1.4
self employed, sells slippers	1	1.4	1.4
sells toothpaste, own business	1	1.4	1.4
teacher. 10th standard	1	1.4	1.4
temporary service	1	1.4	1.4
temporary service as school teacher	1	1.4	1.4
unemployed	1	1.4	1.4
was a painter, now she is unemployed	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM1Q11
 Question: Do you live with either your mother or mother-in-law?

	Frequency	Percent	Valid Percent
Valid mother	1	1.4	1.4
mother-in-law	46	65.7	65.7
no	23	32.9	32.9
Total	70	100.0	100.0

Variable name: EXM1Q12
 Question: Is the house you live in your own or rented?

	Frequency	Percent	Valid Percent
Valid owned	42	60.0	60.0
rented	28	40.0	40.0
Total	70	100.0	100.0

Variable name: EXM1Q13
 Question: Current marital status

	Frequency	Percent	Valid Percent
Valid currently married	67	95.7	95.7
separated	2	2.9	2.9
widowed	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM1Q14
 Question: How old were you at the time of your FIRST marriage?

	Frequency	Percent	Valid Percent
Valid 14	1	1.4	1.4
15	9	12.9	12.9
16	1	1.4	1.4
16	3	4.3	4.3
17	4	5.7	5.7
18	19	27.1	27.1
19	5	7.1	7.1
20	4	5.7	5.7
21	7	10.0	10.0
22	5	7.1	7.1
23	1	1.4	1.4
25	4	5.7	5.7
26	4	5.7	5.7
34	1	1.4	1.4
no idea	2	2.9	2.9
Total	70	100.0	100.0

Variable name: EXM1Q15
 Question: Did you live in Mumbai before you were married?

		Frequency	Percent	Valid Percent
Valid	Village	22	31.4	31.4
	mumbai	48	68.6	68.6
Total		70	100.0	100.0

Variable name: EXM1Q16
 Question: Have you had a smear test?

		Frequency	Percent	Valid Percent
Valid	yes - last 5 years	1	1.4	1.4
	yes - over 5 yrs ago	1	1.4	1.4
	no - never	68	97.1	97.1
Total		70	100.0	100.0

Variable name: EXM1Q17
 Question: Do you usually do work for which you are paid?

		Frequency	Percent	Valid Percent
Valid	yes	18	25.7	25.7
	no	51	72.9	72.9
	3	1	1.4	1.4
Total		70	100.0	100.0

Variable name: EXM1Q18A
 Question: What kind of work do you do?

	Frequency	Percent	Valid Percent
Valid perm service in shops/estabs	4	5.7	5.7
casual work in factory/works/mill	1	1.4	1.4
casual work in shops/estabs	4	5.7	5.7
domestic sector parttime/casual	4	5.7	5.7
unemployed	1	1.4	1.4
farmer - casual	2	2.9	2.9
laborer - casual	4	5.7	5.7
other	1	1.4	1.4
777	49	70.0	70.0
Total	70	100.0	100.0

Variable name: EXM1Q18B
 Question: Other work? Please specify.

	Frequency	Percent	Valid Percent
Valid	48	68.6	68.6
777	4	5.7	5.7
any type - casual	1	1.4	1.4
casual farm labourer	1	1.4	1.4
casual helper - clean steel vessels	1	1.4	1.4
casual labourer	1	1.4	1.4
computer operator	1	1.4	1.4
domestic help in return for accomodation	1	1.4	1.4
domestic part time	1	1.4	1.4
farmer casual	1	1.4	1.4
farmer/cas	1	1.4	1.4
full time telephne operator before baby	1	1.4	1.4
husband died when she was 2 months pregn	1	1.4	1.4
laborer/temp	1	1.4	1.4
labourer	1	1.4	1.4
labourer casual	1	1.4	1.4
sewing -casual	1	1.4	1.4
sister in private hospital	1	1.4	1.4

tailoring	1	1.4	1.4
wants to do BEd	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM1Q19
 Question: Can you read a letter easily, with difficulty or not at all?

	Frequency	Percent	Valid Percent
Valid easily	41	58.6	58.6
with difficulty	3	4.3	4.3
not at all	25	35.7	35.7
11	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM1Q20
 Question: Have you ever attended a school?

	Frequency	Percent	Valid Percent
Valid yes	53	75.7	75.7
no	17	24.3	24.3
Total	70	100.0	100.0

Variable name: EXM1Q21
 Question: What was the last class you passed in school?

	Frequency	Percent	Valid Percent
Valid grade 0-4	8	11.4	11.4
grade 5-7	21	30.0	30.0
grade 8-10	18	25.7	25.7
beyond grade 10	6	8.6	8.6
777	17	24.3	24.3
Total	70	100.0	100.0

Variable name: EXM1Q22A
 Question: What is the minimum legal age at marriage for a girl in India?

		Frequency	Percent	Valid Percent
Valid	18	36	51.4	51.4
	19	1	1.4	1.4
	20	3	4.3	4.3
	21	7	10.0	10.0
	999	23	32.9	32.9
Total		70	100.0	100.0

Variable name: EXM1Q22B
 Question: How is the woman's knowledge of legal age at marriage?

		Frequency	Percent	Valid Percent
Valid	knows right	37	52.9	52.9
	knows wrong	11	15.7	15.7
	doesn't know	22	31.4	31.4
Total		70	100.0	100.0

Variable name: EXM1Q23
 Question: Did you vote in the last election?

		Frequency	Percent	Valid Percent
Valid	yes	45	64.3	64.3
	no	25	35.7	35.7
Total		70	100.0	100.0

Variable name: EXM1Q24A
 Question: What is the main source of water that your household uses?

		Frequency	Percent	Valid Percent
Valid	municipal tap	40	57.1	57.1
	private tap (own)	19	27.1	27.1
	other	6	8.6	8.6
	municipal tap in home	5	7.1	7.1
Total		70	100.0	100.0

Variable name: EXM1Q24B
 Question: If yes to other type of main source of water please specify.

		Frequency	Percent	Valid Percent
Valid		2	2.9	2.9
	777	62	88.6	88.6
	river	1	1.4	1.4
	tanker	1	1.4	1.4
	well	4	5.7	5.7
Total		70	100.0	100.0

Variable name: EXM1Q25
 Question: Do you need to ask someone's permission to visit your nearest blood relative, to visit a friend or to go out with a friend?

		Frequency	Percent	Valid Percent
Valid	yes to visit nearest blood rel/friend	32	45.7	45.7
	just need to tell someone where I'm going	3	4.3	4.3
	no	35	50.0	50.0
Total		70	100.0	100.0

Variable name: EXM1Q26
 Question: Are you allowed to leave the house without the company of another adult?

		Frequency	Percent	Valid Percent
Valid	yes always	43	61.4	61.4
	yes, sometimes	14	20.0	20.0
	not for short distances but yes for long	5	7.1	7.1
	no	8	11.4	11.4
Total		70	100.0	100.0

Variable name: EXM1Q27
 Question: If your child is ill are you usually able to take him/her to the doctor without the company of another adult?

	Frequency	Percent	Valid Percent
Valid yes	59	84.3	84.3
no	10	14.3	14.3
allowed to go alone but wants to go with someone	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM1Q28
 Question: If there is a complication in pregnancy, to seek help what permission do you need?

	Frequency	Percent	Valid Percent
Valid go alone with permission	17	24.3	25.8
go alone without permission	39	55.7	59.1
go accompanied with permission	8	11.4	12.1
go accompanied without permission	1	1.4	1.5
can go without permission but wants to be accompanied	1	1.4	1.5
Total	66	94.3	100.0
Missing System	4	5.7	
Total	70	100.0	

Variable name: EXM1Q29
 Question: Whose permission do you need?

	Frequency	Percent	Valid Percent
Valid husband	25	35.7	78.1
mother in law	3	4.3	9.4

husband or mother in law	3	4.3	9.4
father in law	1	1.4	3.1
Total	32	45.7	100.0
Missing System	38	54.3	
Total	70	100.0	

Variable name: EXM1Q30A

Question: Do you feel that you have worries or problems regarding debts that affect you and/or your home?

	Frequency	Percent	Valid Percent
Valid yes	1	1.4	1.4
no	66	94.3	94.3
888	1	1.4	1.4
999	2	2.9	2.9
Total	70	100.0	100.0

Variable name: EXM1Q30B

Question: Do you feel that you have worries or problems regarding your husband's unemployment that affect you and/or your home?

	Frequency	Percent	Valid Percent
Valid yes	13	18.6	18.6
no	54	77.1	77.1
888	1	1.4	1.4
999	2	2.9	2.9
Total	70	100.0	100.0

Variable name: EXM1Q30C

Question: Do you feel that you have worries or problems regarding your husband's uncertain earnings that affect you and/or your home?

	Frequency	Percent	Valid Percent
Valid yes	21	30.0	30.0
no	46	65.7	65.7
888	1	1.4	1.4
999	2	2.9	2.9
Total	70	100.0	100.0

Variable name: EXM1Q30D
 Question: Do you feel that you have worries or problems regarding your husband's alcoholism that affect you and/or your home?

	Frequency	Percent	Valid Percent
Valid yes	1	1.4	1.4
no	66	94.3	94.3
888	1	1.4	1.4
999	2	2.9	2.9
Total	70	100.0	100.0

Variable name: EXM1Q30E
 Question: Do you feel that you have worries or problems regarding an illness in the household that affects you and/or your home?

	Frequency	Percent	Valid Percent
Valid 1	2	2.9	2.9
2	65	92.9	92.9
888	1	1.4	1.4
999	2	2.9	2.9
Total	70	100.0	100.0

Variable name: EXM1Q30F
 Question: Specify, who's illness?

	Frequency	Percent	Valid Percent
Valid 2	64	91.4	91.4
777	1	1.4	1.4
888	1	1.4	1.4
999	2	2.9	2.9
child	1	1.4	1.4
son, 3yrs, often ill	1	1.4	1.4

Total	70	100.0	100.0
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Variable name: EXM1Q30G
 Do you feel that you have worries or problems regarding your own health that affects you and/or your home?

Question:

		Frequency	Percent	Valid Percent
Valid	no	66	94.3	95.7
	888	1	1.4	1.4
	999	2	2.9	2.9
	Total	69	98.6	100.0
Missing	System	1	1.4	
Total		70	100.0	

Variable name: EXM1Q30H
 Do you feel that you have worries or problems regarding your husband's violence towards you that affects you and/or your home?

Question:

		Frequency	Percent	Valid Percent
Valid	yes	1	1.4	1.4
	no	65	92.9	94.2
	888	1	1.4	1.4
	999	2	2.9	2.9
	Total	69	98.6	100.0
Missing	System	1	1.4	
Total		70	100.0	

Variable name: EXM1Q30I
 Are there any other worries or problems that affect you and/or your home?

Question:

		Frequency	Percent	Valid Percent
Valid	yes	7	10.0	10.0

no	60	85.7	85.7
888	1	1.4	1.4
999	2	2.9	2.9
Total	70	100.0	100.0

Variable name: EXM1Q31
Please specify the other worries or
problems affecting you and/or your
home?

	Frequency	Percent	Valid Percent
Valid	20	28.6	28.6
2	10	14.3	14.3
777	28	40.0	40.0
888	1	1.4	1.4
999	2	2.9	2.9
brother in laws employment & marriage prospects	1	1.4	1.4
deserted by husband	1	1.4	1.4
does not own house so worries	1	1.4	1.4
has to take care of everything, widowed, unemployed, 2 kids	1	1.4	1.4
homesick	1	1.4	1.4
husband graduated wants service	1	1.4	1.4
husband not happy	1	1.4	1.4
tension	1	1.4	1.4
trouble with in laws	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM1Q32A
If yes to beating by husband – When
does he beat you?- When he is drunk.

	Frequency	Percent	Valid Percent
Valid yes	1	1.4	1.4
no	66	94.3	94.3
888	1	1.4	1.4
999	2	2.9	2.9
Total	70	100.0	100.0

Variable name: EXM1Q32B
 If yes to beating by husband – When
 Question: does he beat you? - When I go out
 to/return from work.

		Frequency	Percent	Valid Percent
Valid	yes	1	1.4	1.4
	no	65	92.9	94.2
	888	1	1.4	1.4
	999	2	2.9	2.9
	Total	69	98.6	100.0
Missing	System	1	1.4	
Total		70	100.0	

Variable name: EXM1Q32C
 If yes to beating by husband – When
 Question: does he beat you?- When I have not
 done the housework.

		Frequency	Percent	Valid Percent
Valid	yes	4	5.7	5.7
	no	62	88.6	88.6
	used to beat her	1	1.4	1.4
	888	1	1.4	1.4
	999	2	2.9	2.9
Total		70	100.0	100.0

Variable name: EXM1Q32D
 If yes to beating by husband – When
 Question: does he beat you? - Other reasons.

		Frequency	Percent	Valid Percent
Valid		46	65.7	65.7
	2	15	21.4	21.4

888	1	1.4	1.4
any mistake, more when drunk	1	1.4	1.4
at first beaten when he doubted her	1	1.4	1.4
beaten when she makes a mistake	1	1.4	1.4
If I am wrong and misbehave	1	1.4	1.4
If I make a mistake	1	1.4	1.4
used to beat her	1	1.4	1.4
when it is my fault/usually does not	1	1.4	1.4
when mother in law tells him to	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM1Q33A
 When do you think it is right for a man to beat his wife? - When she does not look after the house well.

Question:

	Frequency	Percent	Valid Percent
Valid yes	25	35.7	36.2
no	41	58.6	59.4
888	1	1.4	1.4
999	2	2.9	2.9
Total	69	98.6	100.0
Missing System	1	1.4	
Total	70	100.0	

Variable name: EXM1Q33B
 When do you think it is right for a man to beat his wife? - When she does not look after the children well.

Question:

	Frequency	Percent	Valid Percent
Valid yes	2	2.9	2.9
no	63	90.0	92.6
888	1	1.4	1.5
999	2	2.9	2.9
Total	68	97.1	100.0
Missing System	2	2.9	
Total	70	100.0	

Variable name: EXM1Q33C
 When do you think it is right for a man to beat his wife? - When she does not look after parents well.

Question:

	Frequency	Percent	Valid Percent
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Valid	yes	6	8.6	8.8
	no	59	84.3	86.8
	99	1	1.4	1.5
	888	1	1.4	1.5
	999	1	1.4	1.5
	Total	68	97.1	100.0
Missing	System	2	2.9	
Total		70	100.0	

Variable name: EXM1Q33D
 When do you think it is right for a man to beat his wife? - When she is disrespectful.

Question:

		Frequency	Percent	Valid Percent
Valid	yes	12	17.1	17.6
	no	53	75.7	77.9
	888	1	1.4	1.5
	999	2	2.9	2.9
	Total	68	97.1	100.0
Missing	System	2	2.9	
Total		70	100.0	

Variable name: EXM1Q33E
 When do you think it is right for a man to beat his wife? - When she answers back?

Question:

		Frequency	Percent	Valid Percent
Valid	no	65	92.9	95.6
	888	1	1.4	1.5
	999	2	2.9	2.9
	Total	68	97.1	100.0
Missing	System	2	2.9	
Total		70	100.0	

Variable name: EXM1Q33F
 When do you think it is right for a man to beat his wife? - When she spends money on herself.

Question:

		Frequency	Percent	Valid Percent
Valid	yes	3	4.3	4.4

	no	62	88.6	91.2
	888	1	1.4	1.5
	999	2	2.9	2.9
	Total	68	97.1	100.0
Missing	System	2	2.9	
Total		70	100.0	

Variable name: EXM1Q33G
 When do you think it is right for a man to beat his wife? - When she goes out without permission?

Question:

		Frequency	Percent	Valid Percent
Valid	yes	10	14.3	14.7
	no	55	78.6	80.9
	888	1	1.4	1.5
	999	2	2.9	2.9
	Total	68	97.1	100.0
Missing	System	2	2.9	
Total		70	100.0	

Variable name: EXM1Q33H
 When do you think it is right for a man to beat his wife? - When she is arrogant/mischievous.

Question:

		Frequency	Percent	Valid Percent
Valid	yes	32	45.7	47.1
	no	33	47.1	48.5
	888	1	1.4	1.5
	999	2	2.9	2.9
	Total	68	97.1	100.0
Missing	System	2	2.9	
Total		70	100.0	

Variable name: EXM1Q33I
 When do you think it is right for a man to beat his wife? - It is not right for a man to beat his wife?

Question:

		Frequency	Percent	Valid Percent
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Valid	yes	32	45.7	47.1
	no	33	47.1	48.5
	888	1	1.4	1.5
	999	2	2.9	2.9
	Total	68	97.1	100.0
Missing	System	2	2.9	
Total		70	100.0	

Variable name: EXM1Q33J
 When do you think it is right for a man to beat his wife? - Other reasons it might be right for a man to beat his wife?

Question:

	Frequency	Percent	Valid Percent
Valid	52	74.3	74.3
777	1	1.4	1.4
a wife should behave according to husband	1	1.4	1.4
doesn't listen	1	1.4	1.4
for making mistakes	1	1.4	1.4
for many mistake	1	1.4	1.4
if its her fault	1	1.4	1.4
if no husband what is the meaning of life?	1	1.4	1.4
if she disobeys him it is his duty to hit her	1	1.4	1.4
if she dresses up and goes out without permis	1	1.4	1.4
if she makes a mistake	2	2.9	2.9
if she makes a mistake he may hit her	1	1.4	1.4
if wife unfaithful	1	1.4	1.4
it is right	1	1.4	1.4
not listening	1	1.4	1.4
not right unless arrogant mischievous behavior	1	1.4	1.4
when makes mistake	1	1.4	1.4
when she makes a mistake	1	1.4	1.4
Total	70	100.0	100.0

MUMBAI SAFE MOTHERHOOD STUDY

Module 2: Antenatal history and Case Notes

Variable name EXM2Q1
Question How many times have you been pregnant?

		Frequency	Percent	Valid Percent
Valid	1	26	37.1	37.1
	2	20	28.6	28.6
	3	16	22.9	22.9
	4	5	7.1	7.1
	5	2	2.9	2.9
	6	1	1.4	1.4
	Total	70	100.0	100.0

Variable name EXM2Q2
Question How many children have you had that are still alive today?

		Frequency	Percent	Valid Percent
Valid	0	5	7.1	7.1
	1	30	42.9	42.9
	2	24	34.3	34.3
	3	7	10.0	10.0
	4	3	4.3	4.3
	5	1	1.4	1.4
	Total	70	100.0	100.0

Variable name EXM2Q3
Question How many children have you had that were born alive but are now dead?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	60	85.7	85.7
	1	8	11.4	11.4
	2	2	2.9	2.9
	Total	70	100.0	100.0

Variable name EXM2Q4
 Question How many times have you given birth to a child that was dead (did not cry or breathe)?

		Frequency	Percent	Valid Percent
Valid	0	65	92.9	92.9
	1	5	7.1	7.1
	Total	70	100.0	100.0

Variable name EXM2Q5
 Question How many miscarriages have you had?

		Frequency	Percent	Valid Percent
Valid	0	61	87.1	87.1
	1	8	11.4	11.4
	2	1	1.4	1.4
	Total	70	100.0	100.0

Variable name EXM2Q6
 Question Have you ever given birth to a child that died within one month of birth?

		Frequency	Percent	Valid Percent
Valid	0	68	97.1	97.1
	1	2	2.9	2.9
	Total	70	100.0	100.0

Variable name EXM2Q7
 Question How many days old was that child when it died?

		Frequency	Percent	Valid Percent
Valid	2.00	1	1.4	100.0
Missing	System	69	98.6	
Total		70	100.0	

Variable name EXM2Q8
Question How many abortions have you had?

		Frequency	Percent	Valid Percent
Valid	0	69	98.6	98.6
	1	1	1.4	1.4
Total		70	100.0	100.0

Variable name EXM2Q9
Question How many times have you taken a goli, herbal remedy or injection to get rid of a suspected pregnancy?

		Frequency	Percent	Valid Percent
Valid	injection	1	1.4	1.4
	no	69	98.6	98.6
Total		70	100.0	100.0

Variable name EXM2Q10
Question Have you ever had a peshwi saaf?

		Frequency	Percent	Valid Percent
Valid	yes	2	2.9	2.9
	no	68	97.1	97.1
Total		70	100.0	100.0

Variable name EXM2Q11
Question Why did you have a peshwi saaf?

		Frequency	Percent	Valid Percent
Valid	difficulty conceiving	2	2.9	2.9
	777	68	97.1	97.1
Total		70	100.0	100.0

Variable name EXM2Q12
 Question Where was the peshwi saaf performed?

		Frequency	Percent	Valid Percent
Valid	public facility	2	2.9	2.9
	777	68	97.1	97.1
Total		70	100.0	100.0

Variable name EXM2Q13
 Question How many times have you given birth to
 a male child?

		Frequency	Percent	Valid Percent
Valid	0	19	27.1	27.1
	1	30	42.9	42.9
	2	16	22.9	22.9
	3	4	5.7	5.7
	4	1	1.4	1.4
Total		70	100.0	100.0

Variable name EXM2Q14
 Question How many times have you given birth to
 a female child?

		Frequency	Percent	Valid Percent
Valid	0	25	35.7	35.7
	1	31	44.3	44.3
	2	9	12.9	12.9
	3	5	7.1	7.1
Total		70	100.0	100.0

Variable name EXM2Q15
 Question How many male children do you have
 that are alive today?

		Frequency	Percent	Valid Percent
Valid	0	21	30.0	30.0
	1	32	45.7	45.7
	2	16	22.9	22.9
	3	1	1.4	1.4
Total		70	100.0	100.0

Variable name EXM2Q16
 Question How many female children do you have
 that are alive today?

		Frequency	Percent	Valid Percent
Valid	0	26	37.1	37.1
	1	32	45.7	45.7
	2	8	11.4	11.4
	3	4	5.7	5.7
Total		70	100.0	100.0

Variable name EXM2Q17
 Question Have you ever given birth in your home?

		Frequency	Percent	Valid Percent
Valid	yes	12	17.1	17.1
	no	58	82.9	82.9
Total		70	100.0	100.0

Variable name EXM2Q18
 Question How many times have you given birth
 in your own home?

		Frequency	Percent	Valid Percent
Valid	1	9	12.9	75.0
	2	1	1.4	8.3
	3	2	2.9	16.7
	Total	12	17.1	100.0
Missing	System	58	82.9	
Total		70	100.0	

Variable name EXM2Q19
 Question If you have had a home delivery before –
 who attended your most recent home delivery?

		Frequency	Percent	Valid Percent
Valid	dai	6	8.6	50.0
	mother	3	4.3	25.0
	female relatives	1	1.4	8.3
	mother-in-law	1	1.4	8.3
	7	1	1.4	8.3
	Total	12	17.1	100.0
Missing	777	58	82.9	
Total		70	100.0	

Variable name EXM2Q20
 Question Have you ever given birth in a private institution?

		Frequency	Percent	Valid Percent
Valid	yes	8	11.4	13.8
	no	49	70.0	84.5
	4	1	1.4	1.7
	Total	58	82.9	100.0
Missing	System	12	17.1	
Total		70	100.0	

Variable name EXM2Q21
 Question Have you delivered a baby within the last two years?

		Frequency	Percent	Valid Percent
Valid	yes	20	28.6	29.0
	no	48	68.6	69.6
	first birth	1	1.4	1.4
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name EXM2Q22
 Question Have any of your previous deliveries been premature?

		Frequency	Percent	Valid Percent
Valid	yes	4	5.7	6.9
	no	54	77.1	93.1
	Total	58	82.9	100.0
Missing	System	12	17.1	

Variable name EXM2Q23
 Question Did you experience complications in
 your last pregnancy or delivery?

		Frequency	Percent	Valid Percent
Valid	yes	13	18.6	18.6
	no	56	80.0	80.0
	first pregnancy	1	1.4	1.4
	Total	70	100.0	100.0

Variable name EXM2Q24
 Question What was the nature of complications in the last delivery?

		Frequency	Percent	Valid Percent
Valid	no	35	50.0	83.3
	severe post partum bleeding	1	1.4	2.4
	c-section	1	1.4	2.4
	neonatal death	2	2.9	4.8
	iugr	1	1.4	2.4
	blood pressure	1	1.4	2.4
	tear	1	1.4	2.4
	Total	42	60.0	100.0
Missing	System	28	40.0	
Total		70	100.0	

Variable name EXM2Q24B
 Question What was the nature of complications in the last delivery? – Other responses

		Frequency	Percent	Valid Percent
Valid	no	38	54.3	92.7
	prolonged labour	2	2.9	4.9
	referred	1	1.4	2.4
	Total	41	58.6	100.0
Missing	System	29	41.4	
Total		70	100.0	

Variable name EXM2Q25
 Question Were you admitted to hospital during this pregnancy for pregnancy related problems? What type?

		Frequency	Percent	Valid Percent	
Valid	no	40	57.1	57.1	
	bleeding	4	5.7	5.7	
	blood pressure	5	7.1	7.1	
	long labour	2	2.9	2.9	
	anaemia	2	2.9	2.9	
	prolonged second stage	1	1.4	1.4	
	c-section	4	5.7	5.7	
	hematoma post partum	1	1.4	1.4	
	ante partum bleeding	1	1.4	1.4	
	preterm labour	4	5.7	5.7	
	other	6	8.6	8.6	
	Total		70	100.0	100.0

Variable name

EXM2Q26

Question

Were there any other problems in this labour or delivery? What type?

		Frequency	Percent	Valid Percent
Valid	no	45	64.3	68.2
	bleeding	2	2.9	3.0
	long labour	1	1.4	1.5
	prolonged second stage	1	1.4	1.5
	post partum bleeding	3	4.3	4.5
	cpd	1	1.4	1.5
	breech	2	2.9	3.0
	tear	2	2.9	3.0
	blood transfusion post partum	1	1.4	1.5
	other	7	10.0	10.6
	777	1	1.4	1.5
	Total	66	94.3	100.0

Variable name

EXM2Q27

Question

Were there any other problems in this labour or delivery? Please specify.

		Frequency	Percent	Valid Percent
Valid		51	72.9	72.9
	baby feбри	1	1.4	1.4
	c-section	1	1.4	1.4
	emergency	1	1.4	1.4
	fever post	1	1.4	1.4
	gave duvad	1	1.4	1.4
	had to ret	1	1.4	1.4
	high an bp	1	1.4	1.4
	high bp (n	1	1.4	1.4
	induction,	1	1.4	1.4
	Injection	1	1.4	1.4
	IUGR	1	1.4	1.4
	leaking fo	1	1.4	1.4
	MSB - high	1	1.4	1.4
	odema of f	1	1.4	1.4
	referred f	1	1.4	1.4
	std test p	1	1.4	1.4
	still birt	1	1.4	1.4
	waters wen	2	2.9	2.9
	Total	70	100.0	100.0

Variable name
Question

EXM2Q28
How many antenatal visits have you had in total?

		Frequency	Percent	Valid Percent
Valid	0	2	2.9	2.9
	1	10	14.3	14.3
	2	9	12.9	12.9
	3	10	14.3	14.3
	4	15	21.4	21.4
	5	10	14.3	14.3
	6	9	12.9	12.9
	7	1	1.4	1.4
	8	1	1.4	1.4
	888	3	4.3	4.3
	Total	70	100.0	100.0

Variable name

EXM2Q30A

Question

What was your weight measured at on your
1st antenatal visit?

		Frequency	Percent	Valid Percent
Valid	33	1	1.4	1.5
	35	2	2.9	2.9
	37	1	1.4	1.5
	39	2	2.9	2.9
	40	3	4.3	4.4
	41	1	1.4	1.5
	42	3	4.3	4.4
	44	5	7.1	7.4
	45	9	12.9	13.2
	46	2	2.9	2.9
	47	5	7.1	7.4
	48	2	2.9	2.9
	49	2	2.9	2.9
	50	4	5.7	5.9
	51	4	5.7	5.9
	52	3	4.3	4.4
	54	3	4.3	4.4
	55	2	2.9	2.9
	56	1	1.4	1.5
	57	1	1.4	1.5
	58	1	1.4	1.5
	60	1	1.4	1.5
	63	1	1.4	1.5
	64	1	1.4	1.5
	69	1	1.4	1.5
	777	1	1.4	1.5
	888	6	8.6	8.8
	Total	68	97.1	100.0
Missing	not taken/recorded	2	2.9	
Total		70	100.0	

Variable name

EXM2Q30B

Question

What was your weight measured at on your 2nd antenatal visit?

		Frequency	Percent	Valid Percent
Valid	36	1	1.4	1.6
	40	1	1.4	1.6
	42	1	1.4	1.6
	43	1	1.4	1.6
	44	2	2.9	3.3
	45	9	12.9	14.8
	46	3	4.3	4.9
	47	2	2.9	3.3
	48	2	2.9	3.3
	49	3	4.3	4.9
	50	1	1.4	1.6
	51	2	2.9	3.3
	52	4	5.7	6.6
	53	2	2.9	3.3
	55	5	7.1	8.2
	59	1	1.4	1.6
	61	1	1.4	1.6
	66	1	1.4	1.6
	67	1	1.4	1.6
	72	1	1.4	1.6
	777	10	14.3	16.4
	888	7	10.0	11.5
	Total	61	87.1	100.0
Missing	not taken/recorded	9	12.9	
Total		70	100.0	

Variable name

EXM2Q30C

Question

What was your weight measured at on your
3rd antenatal visit?

		Frequency	Percent	Valid Percent
Valid	38	1	1.4	1.6
	43	1	1.4	1.6
	45	7	10.0	10.9
	46	2	2.9	3.1
	47	2	2.9	3.1
	48	3	4.3	4.7
	50	6	8.6	9.4
	52	3	4.3	4.7
	53	2	2.9	3.1
	54	3	4.3	4.7
	55	2	2.9	3.1
	57	1	1.4	1.6
	58	1	1.4	1.6
	59	1	1.4	1.6
	61	1	1.4	1.6
	65	1	1.4	1.6
	66	2	2.9	3.1
	72	1	1.4	1.6
	777	20	28.6	31.3
	888	4	5.7	6.3
	Total	64	91.4	100.0
Missing	not taken/recorded	6	8.6	
Total		70	100.0	

Variable name

EXM2Q30D

Question

What was your weight measured at on your 4th antenatal visit?

		Frequency	Percent	Valid Percent
Valid	43	1	1.4	1.5
	45	1	1.4	1.5
	46	4	5.7	5.9
	47	1	1.4	1.5
	48	4	5.7	5.9
	49	1	1.4	1.5
	50	2	2.9	2.9
	51	1	1.4	1.5
	52	2	2.9	2.9
	53	1	1.4	1.5
	55	5	7.1	7.4
	56	1	1.4	1.5
	58	3	4.3	4.4
	59	1	1.4	1.5
	60	1	1.4	1.5
	67	2	2.9	2.9
	70	1	1.4	1.5
	777	32	45.7	47.1
	888	4	5.7	5.9
	Total	68	97.1	100.0
Missing	not taken/recorded	2	2.9	
Total		70	100.0	

Variable name EXM2Q30E
 Question What was your weight measured at on your 5th antenatal visit?

		Frequency	Percent	Valid Percent
Valid	46	1	1.4	1.4
	48	2	2.9	2.9
	49	1	1.4	1.4
	50	4	5.7	5.7
	51	1	1.4	1.4
	52	1	1.4	1.4
	53	1	1.4	1.4
	54	1	1.4	1.4
	55	2	2.9	2.9
	56	2	2.9	2.9
	58	1	1.4	1.4
	59	1	1.4	1.4
	60	2	2.9	2.9
	777	46	65.7	65.7
	888	4	5.7	5.7
Total		70	100.0	100.0

Variable name EXM2Q30F
 Question What was your weight measured at on your 6th antenatal visit?

		Frequency	Percent	Valid Percent
Valid	45	1	1.4	1.7
	50	2	2.9	3.3
	52	2	2.9	3.3
	53	1	1.4	1.7
	55	2	2.9	3.3
	60	3	4.3	5.0
	777	49	70.0	81.7
	Total	60	85.7	100.0
Missing	888	4	5.7	
	System	6	8.6	
	Total	10	14.3	
Total		70	100.0	

Variable name EXM2Q30G
 Question What was your weight measured at on your
 7th antenatal visit?

		Frequency	Percent	Valid Percent
Valid	50	1	1.4	1.7
	777	57	81.4	96.6
	not recorded/taken	1	1.4	1.7
	Total	59	84.3	100.0
Missing	888	4	5.7	
	System	7	10.0	
	Total	11	15.7	
Total		70	100.0	

Variable name EXM2Q30H
 Question What was your weight measured at on your
 most recent antenatal visit?

		Frequency	Percent	Valid Percent
Valid	35	1	1.4	1.5
	38	1	1.4	1.5
	40	1	1.4	1.5
	41	1	1.4	1.5
	43	3	4.3	4.5
	44	1	1.4	1.5
	45	3	4.3	4.5
	46	4	5.7	6.1
	47	1	1.4	1.5
	48	1	1.4	1.5
	49	1	1.4	1.5
	50	7	10.0	10.6
	51	2	2.9	3.0
	52	6	8.6	9.1
	55	7	10.0	10.6
	56	1	1.4	1.5
	58	2	2.9	3.0
	60	4	5.7	6.1
	67	2	2.9	3.0
	70	1	1.4	1.5
	72	1	1.4	1.5
	777	8	11.4	12.1
888	7	10.0	10.6	
Total	66	94.3	100.0	
Missing	not taken/recorded	4	5.7	
Total		70	100.0	

Variable name EXM2Q31A
 Question What was your systolic blood pressure reading on your 1st antenatal visit?

		Frequency	Percent	Valid Percent
Valid	70	1	1.4	1.6
	90	3	4.3	4.8
	100	14	20.0	22.6
	110	22	31.4	35.5
	120	12	17.1	19.4
	130	2	2.9	3.2
	140	1	1.4	1.6
	777	1	1.4	1.6
	888	6	8.6	9.7
	Total	62	88.6	100.0
Missing	not taken/recorded	8	11.4	
Total		70	100.0	

Variable name EXM2Q31B
 Question What was your diastolic blood pressure reading on your 1st antenatal visit?

		Frequency	Percent	Valid Percent
Valid	50	2	2.9	3.1
	60	7	10.0	10.9
	70	19	27.1	29.7
	80	11	15.7	17.2
	777	1	1.4	1.6
	not taken/recorded	24	34.3	37.5
	Total	64	91.4	100.0
Missing	888	6	8.6	
Total		70	100.0	

Variable name

EXM2Q31C

Question

What was your systolic blood pressure reading on your 2nd antenatal visit?

		Frequency	Percent	Valid Percent
Valid	90	5	7.1	8.1
	100	11	15.7	17.7
	110	19	27.1	30.6
	120	6	8.6	9.7
	122	1	1.4	1.6
	130	4	5.7	6.5
	777	10	14.3	16.1
	888	6	8.6	9.7
	Total	62	88.6	100.0
Missing	not taken/recorded	7	10.0	
	System	1	1.4	
	Total	8	11.4	
Total		70	100.0	

Variable name

EXM2Q31D

Question

What was your diastolic blood pressure reading on your 2nd antenatal visit?

		Frequency	Percent	Valid Percent
Valid	60	7	10.0	11.1
	70	13	18.6	20.6
	80	9	12.9	14.3
	110	1	1.4	1.6
	777	10	14.3	15.9
	not taken/recorded	23	32.9	36.5
	Total	63	90.0	100.0
Missing	888	4	5.7	
	System	3	4.3	
	Total	7	10.0	
Total		70	100.0	

Variable name EXM2Q31E
 Question What was your systolic blood pressure reading on your 3rd antenatal visit?

		Frequency	Percent	Valid Percent
Valid	80	1	1.4	1.5
	90	1	1.4	1.5
	100	8	11.4	12.1
	106	1	1.4	1.5
	110	21	30.0	31.8
	120	7	10.0	10.6
	130	4	5.7	6.1
	777	17	24.3	25.8
	888	6	8.6	9.1
	Total	66	94.3	100.0
Missing	not taken/recorded	2	2.9	
	System	2	2.9	
	Total	4	5.7	
Total		70	100.0	

Variable name EXM2Q31F
 Question What was your diastolic bottom blood pressure reading on your 3rd antenatal visit?

		Frequency	Percent	Valid Percent
Valid	50	1	1.4	1.6
	60	4	5.7	6.5
	70	12	17.1	19.4
	80	13	18.6	21.0
	100	1	1.4	1.6
	777	17	24.3	27.4
	not taken/recorded	14	20.0	22.6
	Total	62	88.6	100.0
Missing	888	4	5.7	
	System	4	5.7	
	Total	8	11.4	
Total		70	100.0	

Variable name EXM2Q31G
 Question What was your systolic blood pressure reading on your 4th antenatal visit?

		Frequency	Percent	Valid Percent
Valid	80	1	1.4	1.5
	88	1	1.4	1.5
	90	2	2.9	2.9
	100	5	7.1	7.4
	104	1	1.4	1.5
	110	16	22.9	23.5
	120	6	8.6	8.8
	130	2	2.9	2.9
	150	1	1.4	1.5
	777	27	38.6	39.7
	888	6	8.6	8.8
	Total	68	97.1	100.0
Missing	System	2	2.9	
Total		70	100.0	

Variable name EXM2Q31H
 Question What was your disystolic blood pressure reading on your 4th antenatal visit?

		Frequency	Percent	Valid Percent
Valid	64	1	1.4	1.9
	70	7	10.0	13.2
	80	8	11.4	15.1
	90	4	5.7	7.5
	777	26	37.1	49.1
	888	6	8.6	11.3
	77777	1	1.4	1.9
	Total	53	75.7	100.0
Missing	999	15	21.4	
	System	2	2.9	
	Total	17	24.3	
Total		70	100.0	

Variable name EXM2Q31I
 Question What was your systolic blood pressure reading on
 your 5th antenatal visit?

		Frequency	Percent	Valid Percent
Valid	90	5	7.1	8.2
	100	3	4.3	4.9
	110	9	12.9	14.8
	120	3	4.3	4.9
	130	1	1.4	1.6
	777	40	57.1	65.6
	Total	61	87.1	100.0
Missing	888	4	5.7	
	System	5	7.1	
	Total	9	12.9	
Total		70	100.0	

Variable name EXM2Q31J
 Question What was your diastolic blood pressure reading
 on your 5th antenatal visit?

		Frequency	Percent	Valid Percent
Valid	60	1	1.4	1.6
	70	2	2.9	3.3
	80	3	4.3	4.9
	84	1	1.4	1.6
	90	1	1.4	1.6
	777	40	57.1	65.6
	not recorded/taken	13	18.6	21.3
	Total	61	87.1	100.0
Missing	888	4	5.7	
	System	5	7.1	
	Total	9	12.9	
Total		70	100.0	

Variable name EXM2Q31K
 Question What was your systolic blood pressure reading on your 6th antenatal visit?

		Frequency	Percent	Valid Percent
Valid	80	1	1.4	1.7
	90	1	1.4	1.7
	100	4	5.7	6.7
	110	2	2.9	3.3
	120	2	2.9	3.3
	130	1	1.4	1.7
	777	49	70.0	81.7
	Total	60	85.7	100.0
Missing	888	4	5.7	
	System	6	8.6	
	Total	10	14.3	
Total		70	100.0	

Variable name EXM2Q31L
 Question What was your disystolic blood pressure reading on your 6th antenatal visit?

		Frequency	Percent	Valid Percent
Valid	60	1	1.4	1.7
	70	1	1.4	1.7
	80	1	1.4	1.7
	90	1	1.4	1.7
	104	1	1.4	1.7
	777	49	70.0	81.7
	not recorded/taken	6	8.6	10.0
	Total	60	85.7	100.0
Missing	888	4	5.7	
	System	6	8.6	
	Total	10	14.3	
Total		70	100.0	

Variable name EXM2Q31M
 Question What was your systolic blood pressure reading on your most recent antenatal visit?

		Frequency	Percent	Valid Percent
Valid	80	1	1.4	1.6
	90	5	7.1	7.8
	100	14	20.0	21.9
	104	1	1.4	1.6
	110	21	30.0	32.8
	120	8	11.4	12.5
	122	1	1.4	1.6
	130	2	2.9	3.1
	150	2	2.9	3.1
	777	2	2.9	3.1
	888	7	10.0	10.9
	Total	64	91.4	100.0
Missing	not taken/recorded	6	8.6	
Total		70	100.0	

Variable name EXM2Q31N
 Question What was your diastolic blood pressure reading on your most recent antenatal visit?

		Frequency	Percent	Valid Percent
Valid	60	7	10.0	11.1
	70	18	25.7	28.6
	80	9	12.9	14.3
	84	1	1.4	1.6
	90	4	5.7	6.3
	110	1	1.4	1.6
	777	2	2.9	3.2
	not taken/recorded	21	30.0	33.3
	Total	63	90.0	100.0
	Missing	888	5	7.1
	System	2	2.9	
Total		7	10.0	
Total		70	100.0	

Variable name EXM2Q32A
 Question Was your blood pressure taken and recorded
 when you arrived at hospital? If so, what was
 your systolic blood pressure reading?

		Frequency	Percent	Valid Percent
Valid	110	8	11.4	11.9
	120	5	7.1	7.5
	130	5	7.1	7.5
	140	1	1.4	1.5
	150	1	1.4	1.5
	180	1	1.4	1.5
	not taken/recorded	46	65.7	68.7
	Total	67	95.7	100.0
Missing	888	1	1.4	
	System	2	2.9	
	Total	3	4.3	
Total		70	100.0	

Variable name EXM2Q32B
 Question Was your blood pressure taken and recorded
 when you arrived at hospital? If so, what was
 your diastolic blood pressure reading?

		Frequency	Percent	Valid Percent
Valid	70	2	2.9	3.0
	80	7	10.0	10.4
	90	1	1.4	1.5
	100	1	1.4	1.5
	not taken/recorded	56	80.0	83.6
	Total	67	95.7	100.0
Missing	888	1	1.4	
	System	2	2.9	
	Total	3	4.3	
Total		70	100.0	

Variable name EXM2Q33
 Question How many days spent in hospital?

		Frequency	Percent	Valid Percent
Valid	1	2	2.9	2.9
	2	9	12.9	12.9
	3	14	20.0	20.0
	4	5	7.1	7.1
	5	3	4.3	4.3
	6	2	2.9	2.9
	7	1	1.4	1.4
	888	13	18.6	18.6
	999	21	30.0	30.0
Total	70	100.0	100.0	

Variable name EXM2Q43
 Question Was the baby premature?

		Frequency	Percent	Valid Percent
Valid	yes	21	30.0	30.0
	no	25	35.7	35.7
	edd unknown	23	32.9	32.9
	888	1	1.4	1.4
Total	70	100.0	100.0	

Variable name EXM2Q44
 Question How many weeks premature was the baby?

		Frequency	Percent	Valid Percent
Valid	0	4	5.7	11.1
	1	3	4.3	8.3
	2	7	10.0	19.4
	3	7	10.0	19.4
	4	9	12.9	25.0
	5	1	1.4	2.8
	6	1	1.4	2.8
	7	1	1.4	2.8
	8	1	1.4	2.8
	888	1	1.4	2.8
	777777	1	1.4	2.8
	Total	36	51.4	100.0
	Missing	777	32	45.7
System		2	2.9	
Total		34	48.6	
Total	70	100.0		

Variable name EXM2Q45
 Question What was the sex of the child?

		Frequency	Percent	Valid Percent
Valid	male	40	57.1	57.1
	female	30	42.9	42.9
Total		70	100.0	100.0

Variable name EXM2Q46
 Question What was the sex of the second child
 (if given birth to twins)?

		Frequency	Percent	Valid Percent
Valid	1	1	1.4	100.0
Missing	System	69	98.6	
Total		70	100.0	

Variable name EXM2Q47
 Question What was the birth weight of the child? (in KG's)

		Frequency	Percent	Valid Percent
Valid	.90	1	1.4	1.4
	1.00	1	1.4	1.4
	1.20	1	1.4	1.4
	1.30	1	1.4	1.4
	1.90	1	1.4	1.4
	2.00	4	5.7	5.7
	2.05	1	1.4	1.4
	2.10	1	1.4	1.4
	2.20	1	1.4	1.4
	2.25	6	8.6	8.6
	2.30	2	2.9	2.9
	2.40	3	4.3	4.3
	2.50	6	8.6	8.6
	2.55	1	1.4	1.4
	2.60	2	2.9	2.9
	2.70	3	4.3	4.3
	2.75	10	14.3	14.3
	2.80	3	4.3	4.3
	2.90	3	4.3	4.3
	2.95	2	2.9	2.9
	3.00	7	10.0	10.0
	3.10	1	1.4	1.4
	3.20	1	1.4	1.4
	3.25	4	5.7	5.7
	3.30	1	1.4	1.4
	3.35	2	2.9	2.9
	4.00	1	1.4	1.4
	Total	70	100.0	100.0

Variable name EXM2Q48
 Question What was the birth weight of the second child
 (if given birth to twins)?

		Frequency	Percent	Valid Percent
Valid	2.00	1	1.4	100.0
Missing	System	69	98.6	
Total		70	100.0	

Variable name EXM2Q50
 Question HB level at the time of the booking?

		Frequency	Percent	Valid Percent
Valid	5.00	1	1.4	1.6
	7.50	3	4.3	4.7
	8.00	3	4.3	4.7
	8.50	5	7.1	7.8
	9.00	11	15.7	17.2
	9.20	1	1.4	1.6
	9.50	4	5.7	6.3
	10.00	12	17.1	18.8
	10.50	6	8.6	9.4
	10.80	1	1.4	1.6
	11.00	6	8.6	9.4
	11.40	1	1.4	1.6
	11.50	2	2.9	3.1
	12.00	6	8.6	9.4
	12.50	1	1.4	1.6
	13.00	1	1.4	1.6
	Total	64	91.4	100.0
Missing	999.00	5	7.1	
	System	1	1.4	
	Total	6	8.6	
Total		70	100.0	

Variable name EXM2Q51
 Question HB readings at post delivery

		Frequency	Percent	Valid Percent
Valid	8.50	2	2.9	11.1
	8.80	1	1.4	5.6
	9.50	2	2.9	11.1
	9.90	1	1.4	5.6
	10.00	1	1.4	5.6
	10.40	1	1.4	5.6
	10.50	2	2.9	11.1
	10.60	1	1.4	5.6
	11.00	1	1.4	5.6
	11.40	1	1.4	5.6
	11.50	1	1.4	5.6
	12.00	1	1.4	5.6
	14.00	1	1.4	5.6
	999.00	2	2.9	11.1
	Total	18	25.7	100.0
Missing	System	52	74.3	
	Total	70	100.0	

Variable name EXM2Q52
 Question What was the result of the STD infection blood test?

		Frequency	Percent	Valid Percent
Valid	positive	2	2.9	2.9
	negative	67	95.7	97.1
	Total	69	98.6	100.0
Missing	999	1	1.4	
Total		70	100.0	

Variable name EXM2Q53
 Question Did she have an episiotomy?

		Frequency	Percent	Valid Percent
Valid	yes	24	34.3	34.3
	no	46	65.7	65.7
	Total	70	100.0	100.0

Variable name EXM2Q54
 Question Did she have a perineal tear?

		Frequency	Percent	Valid Percent
Valid	yes	11	15.7	15.7
	no	59	84.3	84.3
	Total	70	100.0	100.0

Variable name EXM2Q55
 Question Was she given antibiotics?

		Frequency	Percent	Valid Percent
Valid	yes	37	52.9	53.6
	no	22	31.4	31.9
	yes after tl or csection	10	14.3	14.5
	Total	69	98.6	100.0
Missing	999	1	1.4	
Total		70	100.0	

Variable name EXM2Q56
 Question Did the woman have a C-section?

		Frequency	Percent	Valid Percent
Valid	no	66	94.3	94.3
	emergency	3	4.3	4.3
	elective	1	1.4	1.4
	Total	70	100.0	100.0

Variable name EXM2Q57
 Question For what reason was the woman given a C-section?

		Frequency	Percent	Valid Percent
Valid		66	94.3	94.3
	breech and low liqor	1	1.4	1.4
	cpd	1	1.4	1.4
	previous c-section 'in view of cpd'	1	1.4	1.4
	previous/pp breech	1	1.4	1.4
	Total	70	100.0	100.0

MUMBAI SAFE MOTHERHOOD STUDY

Module 3: Delivery Care

Variable name: EXM3Q1
 Question: Type of hospital that patient attended?

	Frequency	Percent	Valid Percent
Valid municipal	70	100.0	100.0

Variable name: EXM3Q2
 Question: Is this the first hospital you went to when you started your labour?

	Frequency	Percent	Valid Percent
Valid yes	63	90.0	91.3
Valid no	6	8.6	8.7
Valid Total	69	98.6	100.0
Missing System	1	1.4	
Total	70	100.0	

Variable name: EXM3Q3
 Question: If no, which type of hospital was the first hospital you went into?

	Frequency	Percent	Valid Percent
Valid municipal hospital	6	8.6	8.6
Valid municipal maternity home	1	1.4	1.4
Valid 777	63	90.0	90.0
Total	70	100.0	100.0

Variable name: EXM3Q4
 Question: What was the name of the first hospital you went to?

		Frequency	Percent	Valid Percent
Valid	777	63	90.0	90.0
	Bhandup	2	2.9	2.9
	BMC	1	1.4	1.4
	Chembur Maternity Home	1	1.4	1.4
	Chembur naka	1	1.4	1.4
	Chembur Naka	1	1.4	1.4
	Savibribai Phule, Bhandup	1	1.4	1.4
	Total	70	100.0	100.0

Variable name: EXM3Q5
 Question: Why did you not deliver in the first hospital that you went to?

		Frequency	Percent	Valid Percent
Valid	referred	4	5.7	5.7
	not booked	3	4.3	4.3
	777	63	90.0	90.0
	Total	70	100.0	100.0

Variable name: EXM3Q6
 Question: What was the other reason for not delivering in the first hospital you went to?

		Frequency	Percent	Valid Percent
Valid	777	65	92.9	92.9
	anaemia/pih/bp?	1	1.4	1.4
	breech/liqor low	1	1.4	1.4
	high bp, not booked, premature	1	1.4	1.4
	referred 'may require lscs'	1	1.4	1.4
	very high bp	1	1.4	1.4
	Total	70	100.0	100.0

Variable name: EXM3Q7
 Question: What day of the week was it when you went into hospital for your delivery?

		Frequency	Percent	Valid Percent
Valid	Monday	10	14.3	14.3
	Tuesday	9	12.9	12.9
	Wednesday	7	10.0	10.0
	Thursday	13	18.6	18.6
	Friday	6	8.6	8.6
	Saturday	17	24.3	24.3
	Sunday	8	11.4	11.4
	Total	70	100.0	100.0

Variable name: EXM3Q8
 Question: Did you have any delays in getting to the hospital?

		Frequency	Percent	Valid Percent
Valid	no delays	50	71.4	71.4
	had to wait for husband	1	1.4	1.4
	had to wait for transport	2	2.9	2.9
	second hospital	6	8.6	8.6
	had to wait for other relative	3	4.3	4.3
	other	8	11.4	11.4
	Total	70	100.0	100.0

Variable name: EXM3Q9
 Question: What were the other delays in getting to the hospital?

	Frequency	Percent	Valid Percent
Valid	29	41.4	41.4
12 hours at home b/c not full pains	1	1.4	1.4
2 hours through inefficiency/reg and dr	1	1.4	1.4
3 days at home but pain only slight	1	1.4	1.4
777	16	22.9	22.9
arrived 12noon @ 1st then transferred, 3pm @ 2nd	1	1.4	1.4
Arrived Chembur @ 20.30 & Rajaw. @ 23.45	1	1.4	1.4
distance - staying with sister in law	1	1.4	1.4
had to have sonography on arrival at 2nd hosp	1	1.4	1.4
had to wait for father	1	1.4	1.4
leaking but not recognised as problem so earl	1	1.4	1.4
leaking for 24 hours but no pain, mother had high bp did not want to disturb her	1	1.4	1.4
night time everyone asleep	1	1.4	1.4
night time so thought wouldn't get a rickshaw so waited	1	1.4	1.4
no fetal movts/sonog confirm/3pm 1st hosp/10pm 2nd	1	1.4	1.4
no one at home to care for child had to wait	1	1.4	1.4
no one to take her/nighttime/referred	1	1.4	1.4
not know pains r	1	1.4	1.4
pains stopped and started	1	1.4	1.4
slight pain at first	1	1.4	1.4
slight pain for 4 days, doctor said wait until stronger	1	1.4	1.4
slight pains for 3 days, came when they increased	1	1.4	1.4
slight pains for 8-10 hours, came only when waters went	1	1.4	1.4
wait for brother	1	1.4	1.4
wait for mother	1	1.4	1.4
waters broke but no pain so did not present	1	1.4	1.4
went home after referral, 2nd hospital long distance	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM3Q10
 Question: How long was it from what you thought were the first signs of labour until you left for the hospital?

		Frequency	Percent	Valid Percent
Valid	.00	6	8.6	8.6
	.10	1	1.4	1.4
	.30	3	4.3	4.3
	1.00	4	5.7	5.7
	1.30	4	5.7	5.7
	2.00	3	4.3	4.3
	2.30	1	1.4	1.4
	3.00	4	5.7	5.7
	3.15	1	1.4	1.4
	4.00	7	10.0	10.0
	4.30	1	1.4	1.4
	5.00	3	4.3	4.3
	6.00	2	2.9	2.9
	7.00	3	4.3	4.3
	8.00	3	4.3	4.3
	8.30	2	2.9	2.9
	9.00	1	1.4	1.4
	11.00	1	1.4	1.4
	12.00	5	7.1	7.1
	16.00	2	2.9	2.9
	23.00	1	1.4	1.4
	24.00	2	2.9	2.9
	27.30	1	1.4	1.4
	48.00	1	1.4	1.4
	56.00	1	1.4	1.4
	72.00	2	2.9	2.9
	96.00	2	2.9	2.9
	777.00	1	1.4	1.4
	don't remember	2	2.9	2.9
	Total	70	100.0	100.0

Variable name:

EXM3Q11A

Question:

Who made the decision that you should go to the hospital when you did go?

		Frequency	Percent	Valid Percent
Valid	me	29	41.4	41.4
	mother-in-law	2	2.9	2.9
	mother	19	27.1	27.1
	sister	2	2.9	2.9
	other female relative	3	4.3	4.3
	husband	12	17.1	17.1
	other male relative	1	1.4	1.4
	neighbour	1	1.4	1.4
	doctor	1	1.4	1.4
	Total	70	100.0	100.0

Variable name: EXM3Q11B
 Question: Please specify if 'other'.

		Frequency	Percent	Valid Percent
Valid	777	68	97.1	97.1
	father	1	1.4	1.4
	grandmother	1	1.4	1.4
	Total	70	100.0	100.0

Variable name: EXM3Q12
 Question: How long did it take from when you left to go to hospital to when you arrived at the hospital?

		Frequency	Percent	Valid Percent
Valid	.10	2	2.9	2.9
	.15	6	8.6	8.6
	.20	9	12.9	12.9
	.30	47	67.1	67.1
	.45	1	1.4	1.4
	1.00	5	7.1	7.1
	Total	70	100.0	100.0

Variable name: EXM3Q13
 Question: How did you get to hospital?

		Frequency	Percent	Valid Percent
Valid	on foot	1	1.4	1.4
	auto rickshaw	69	98.6	98.6
	Total	70	100.0	100.0

Variable name: EXM3Q14
Question: Were you booked at this hospital?

		Frequency	Percent	Valid Percent
Valid	yes	63	90.0	90.0
	no	7	10.0	10.0
	Total	70	100.0	100.0

Variable name: EXM3Q15A
Question: If no, were you booked for a delivery at another hospital?

		Frequency	Percent	Valid Percent
Valid	municipal	7	10.0	10.0
	777	63	90.0	90.0
	Total	70	100.0	100.0

Variable name: EXM3Q15B
Question: What was the name of this other hospital?

		Frequency	Percent	Valid Percent
Valid		1	1.4	1.4
	777	62	88.6	88.6
	Bhandup	1	1.4	1.4
	Bhanup	1	1.4	1.4
	bmc	1	1.4	1.4
	chembur	2	2.9	2.9
	Chembur MH	1	1.4	1.4
	Savibribai Phule	1	1.4	1.4
	Total	70	100.0	100.0

Variable name: EXM3Q16
Question: Had you planned to deliver in this hospital?

		Frequency	Percent	Valid Percent
Valid	yes	63	90.0	90.0
	no	7	10.0	10.0
Total		70	100.0	100.0

Variable name: EXM3Q17A
 Question: Why did you plan to deliver at that particular hospital? - Because it has a good reputation.

		Frequency	Percent	Valid Percent
Valid	yes	10	14.3	14.3
	2	60	85.7	85.7
Total		70	100.0	100.0

Variable name: EXM3Q17B
 Question: Why did you plan to deliver at that particular hospital? - Because it was near by.

		Frequency	Percent	Valid Percent
Valid	yes	45	64.3	64.3
	no	25	35.7	35.7
Total		70	100.0	100.0

Variable name: EXM3Q17C
 Question: Why did you plan to deliver at that particular hospital? - Because it was recommended by friends and relatives.

		Frequency	Percent	Valid Percent
Valid	yes	12	17.1	17.1
	no	58	82.9	82.9
Total		70	100.0	100.0

Variable name: EXM3Q17D

Question: Why did you plan to deliver at that particular hospital? - Because I have delivered here before?

		Frequency	Percent	Valid Percent
Valid	yes	10	14.3	14.3
	no	60	85.7	85.7
Total		70	100.0	100.0

Variable name: EXM3Q17E
 Question: Why did you plan to deliver at that particular hospital? - Because I was told to by my relatives.

		Frequency	Percent	Valid Percent
Valid	yes	4	5.7	5.7
	no	66	94.3	94.3
Total		70	100.0	100.0

Variable name: EXM3Q17F
 Question: Why did you plan to deliver at that particular hospital? - because I knew somebody who worked there.

		Frequency	Percent	Valid Percent
Valid	yes	1	1.4	1.4
	no	69	98.6	98.6
Total		70	100.0	100.0

Variable name: EXM3Q17G
 Question: Why did you plan to deliver at that particular hospital? - Other reasons.

	Frequency	Percent	Valid Percent
Valid	41	58.6	58.6
2	1	1.4	1.4
777	8	11.4	11.4
all people go to bmc hospitals	1	1.4	1.4
best hospital	1	1.4	1.4
big general good hospital	1	1.4	1.4
BMC Hospital	1	1.4	1.4
come here for minor ailments	1	1.4	1.4
come here oth prbs	1	1.4	1.4
free service	1	1.4	1.4
good facility better than private	1	1.4	1.4
good hospital	1	1.4	1.4
I like it	1	1.4	1.4
it is good	1	1.4	1.4
last delivery hospital too far (municipal)	1	1.4	1.4
like it	1	1.4	1.4
likes it here	1	1.4	1.4
money difficulties - wanted private	1	1.4	1.4
mother lives in Mumbai now so access to hosp	1	1.4	1.4
my mother delivered here	1	1.4	1.4
no village hospital	1	1.4	1.4
safe delivery	1	1.4	1.4
TL by electricity ok	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM3Q18
 Question: Why did you not deliver at a private hospital?

	Frequency	Percent	Valid Percent
Valid	64	91.4	91.4
cost	1	1.4	1.4
do c-section too soon	1	1.4	1.4
not good service at private	1	1.4	1.4
wanted tubal ligation	1	1.4	1.4
don't know	3	4.3	4.3
Total	70	100.0	100.0

Variable name: EXM3Q19A

Question: Why did you plan to deliver at hospital rather than at home? - Because it is safer.

		Frequency	Percent	Valid Percent
Valid	yes	41	58.6	58.6
	no	28	40.0	40.0
	777	1	1.4	1.4
Total		70	100.0	100.0

Variable name: EXM3Q19B
 Question: Why did you plan to deliver at hospital rather than at home? - Because there is no-one to attend to me at home.

		Frequency	Percent	Valid Percent
Valid	yes	33	47.1	47.1
	no	36	51.4	51.4
	777	1	1.4	1.4
Total		70	100.0	100.0

Variable name: EXM3Q19C
 Question: Why did you plan to deliver at hospital rather than at home? - Because this is my first child.

		Frequency	Percent	Valid Percent
Valid	yes	2	2.9	2.9
	no	66	94.3	95.7
	777	1	1.4	1.4
	Total	69	98.6	100.0
Missing	System	1	1.4	
Total		70	100.0	

Variable name: EXM3Q19D

Question:

Why did you plan to deliver at hospital rather than at home? - Because of a previous complication.

		Frequency	Percent	Valid Percent
Valid	yes	5	7.1	7.1
	no	64	91.4	91.4
	777	1	1.4	1.4
Total		70	100.0	100.0

Variable name:

EXM3Q19E

Question: Why did you plan to deliver at hospital rather than at home? - Other reasons.

	Frequency	Percent	Valid Percent
Valid	37	52.9	52.9
how to have a child at home?	1	1.4	1.4
because first child died	1	1.4	1.4
had to stay at in-laws to work so could not go to natal home	1	1.4	1.4
home delivery problems (tear) and 2nd child died aged 2	1	1.4	1.4
is good	1	1.4	1.4
it is good to deliver in hospital	1	1.4	1.4
many facilities	1	1.4	1.4
more facilities at hosp	1	1.4	1.4
mother in law not experienced	1	1.4	1.4
mother in law too old to deliver	1	1.4	1.4
necessary for good birth	1	1.4	1.4
never delivered a child at home	1	1.4	1.4
no birth certificate hme	1	1.4	1.4
no facilities	1	1.4	1.4
no idea how at hme	1	1.4	1.4
no major problem why go to private	1	1.4	1.4
none of my 5 children born at home	1	1.4	1.4
not to face difficulty	1	1.4	1.4
nothing available at home	1	1.4	1.4
preferred hospital	1	1.4	1.4
previous lscs	1	1.4	1.4
scared at home	4	5.7	5.7
scared, don't know how to deliver	1	1.4	1.4
she was anaemic	1	1.4	1.4
wanted tl	2	2.9	2.9
wanted TL	1	1.4	1.4
wanted to have baby at natal home but couldn't go there	1	1.4	1.4
who would see to me at home no facilities	1	1.4	1.4
would at home if anm	1	1.4	1.4
Total	70	100.0	100.0

Variable name: EXM3Q20

Question: How long did the strong labour pains go on for?

		Frequency	Percent	Valid Percent
Valid	less than 2 hours	60	85.7	85.7
	2-5 hours	5	7.1	7.1
	don't know	1	1.4	1.4
	777	4	5.7	5.7
	Total	70	100.0	100.0

Variable name: EXM3Q21
Question: Who was the first person to examine you?

		Frequency	Percent	Valid Percent
Valid	doctor	42	60.0	60.0
	anm	25	35.7	35.7
	delivered straight away	1	1.4	1.4
	777	2	2.9	2.9
	Total	70	100.0	100.0

Variable name: EXM3Q22A
Question: When you arrived were any of the following true? - Your waters had gone.

		Frequency	Percent	Valid Percent
Valid	yes	15	21.4	21.4
	no	40	57.1	57.1
	leaking	15	21.4	21.4
	Total	70	100.0	100.0

Variable name: EXM3Q22B
Question: When you arrived were any of the following true? - You were bleeding.

		Frequency	Percent	Valid Percent
Valid	yes	6	8.6	8.6
	no	64	91.4	91.4
	Total	70	100.0	100.0

Variable name: EXM3Q22C

Question: When you arrived were any of the following true? - You had been in labour for a very long time that worried you or your family.

		Frequency	Percent	Valid Percent
Valid	yes	1	1.4	1.4
	no	69	98.6	98.6
Total		70	100.0	100.0

Variable name: EXM3Q22D
 Question: When you arrived were any of the following true? - You had recently had a fit

		Frequency	Percent	Valid Percent
Valid	no	70	100.0	100.0

Variable name: EXM3Q22E
 Question: When you arrived were any of the following true? - You had recently blacked out.

		Frequency	Percent	Valid Percent
Valid	no	70	100.0	100.0

Variable name: EXM3Q22F
 Question: When you arrived were any of the following true? - You had not felt the baby move for a long time.

		Frequency	Percent	Valid Percent
Valid	yes	3	4.3	4.3
	no	67	95.7	95.7
Total		70	100.0	100.0

Variable name: EXM3Q23A

Which of the following happened during your first examination? - Pubic hair shaved

Question:

		Frequency	Percent	Valid Percent
Valid	yes	48	68.6	68.6
	no	6	8.6	8.6
	shaved at home	9	12.9	12.9
	no hair	1	1.4	1.4
	delivered to quickly after arrival	6	8.6	8.6
Total		70	100.0	100.0

Variable name: EXM3Q23B

Which of the following happened during your first examination? - Given an enema

Question:

		Frequency	Percent	Valid Percent
Valid	yes	37	52.9	52.9
	no	27	38.6	38.6
	delivered too quickly after arrival	6	8.6	8.6
Total		70	100.0	100.0

Variable name: EXM3Q23C

Which of the following happened during your first examination? - Vaginal examination (how many).

Question:

		Frequency	Percent	Valid Percent
Valid	0	5	7.1	7.1
	1	28	40.0	40.0
	2	16	22.9	22.9
	3	11	15.7	15.7
	4	6	8.6	8.6
	5	1	1.4	1.4
	6	1	1.4	1.4
	delivered too quickly for any	2	2.9	2.9
Total		70	100.0	100.0

Variable name: EXM3Q23D

Which of the following happened during your first examination? - Blood pressure checked.

Question:

		Frequency	Percent	Valid Percent
Valid	yes	25	35.7	44.6
	no	14	20.0	25.0
	999	17	24.3	30.4
	Total	56	80.0	100.0
Missing	888	1	1.4	
	System	13	18.6	
	Total	14	20.0	
Total		70	100.0	

Variable name:

EXM3Q24

Were you attended to by a doctor during your labour?

Question:

		Frequency	Percent	Valid Percent
Valid	yes	39	55.7	56.5
	no	27	38.6	39.1
	777	1	1.4	1.4
	delivered too quickly/no one	2	2.9	2.9
	Total	69	98.6	100.0
Missing	System	1	1.4	
Total		70	100.0	

Variable name:

EXM3Q25

Were you attended to by an ANM during your labour?

Question:

		Frequency	Percent	Valid Percent
Valid	yes	67	95.7	97.1
	no	1	1.4	1.4
	777	1	1.4	1.4
	Total	69	98.6	100.0
Missing	System	1	1.4	

Variable name:

EXM3Q26

Question: Were you attended to by a doctor during your delivery?

		Frequency	Percent	Valid Percent
Valid	yes	39	55.7	56.5
	no	30	42.9	43.5
	Total	69	98.6	100.0
Missing	System	1	1.4	
Total		70	100.0	

Variable name: EXM3Q27
Question: Was the Doctor a man or a woman?

		Frequency	Percent	Valid Percent
Valid	man	20	28.6	28.6
	woman	23	32.9	32.9
	777	24	34.3	34.3
	999	3	4.3	4.3
Total		70	100.0	100.0

Variable name: EXM3Q28
Question: Were you attended to by an ANM/sister during your delivery?

		Frequency	Percent	Valid Percent
Valid	0	1	1.4	1.5
	yes	65	92.9	95.6
	2	2	2.9	2.9
	Total	68	97.1	100.0
Missing	System	2	2.9	
Total		70	100.0	

Variable name: EXM3Q29A
 How did you feel about the state of the bed
 you were given whilst in the waiting/labour
 room?

		Frequency	Percent	Valid Percent
Valid	clean	3	4.3	7.7
	dirty	3	4.3	7.7
	expressed no opinion	33	47.1	84.6
	Total	39	55.7	100.0
Missing	System	31	44.3	
Total		70	100.0	

Variable name: EXM3Q29B
 Did you feel that the waiting/labour room was
 crowded?

		Frequency	Percent	Valid Percent
Valid	no	3	4.3	7.7
	no opinion	36	51.4	92.3
	Total	39	55.7	100.0
Missing	System	31	44.3	
Total		70	100.0	

Variable name: EXM3Q29C
 How did you feel about the airiness of the
 waiting/labour room?

		Frequency	Percent	Valid Percent
Valid	no opinion	39	55.7	100.0
Missing	System	31	44.3	
Total		70	100.0	

Variable name: EXM3Q30

Do any of the following describe your treatment by doctors/ANM during labour and delivery?

Question:

		Frequency	Percent	Valid Percent
Valid	generally positive	33	47.1	86.8
	generally negative	5	7.1	13.2
	Total	38	54.3	100.0
Missing	System	32	45.7	
Total		70	100.0	

Variable name:

EXM3Q31

Question:

Were you slapped by anyone?

		Frequency	Percent	Valid Percent
Valid	yes by a doctor	1	1.4	2.6
	yes by an anm/sister	36	51.4	94.7
	no	1	1.4	2.6
	Total	38	54.3	100.0
Missing	System	32	45.7	
Total		70	100.0	

Variable name:

EXM3Q32

Question:

Were you shouted at by the sister/ANM

		Frequency	Percent	Valid Percent
Valid	yes	3	4.3	7.9
	no	34	48.6	89.5
	yes by ayabai	1	1.4	2.6
	Total	38	54.3	100.0
Missing	System	32	45.7	
Total		70	100.0	

Variable name:

EXM3Q33

Question: Were you shouted at by the doctor?

		Frequency	Percent	Valid Percent
Valid	yes	1	1.4	2.6
	no	37	52.9	97.4
	Total	38	54.3	100.0
Missing	System	32	45.7	
Total		70	100.0	

Variable name: EXM3Q34
 Question: Would you have liked any of the above to have been with you during labour that was not with you?

		Frequency	Percent	Valid Percent
Valid	mother	37	52.9	53.6
	mother-in-law	4	5.7	5.8
	my sister	3	4.3	4.3
	other female relative	1	1.4	1.4
	husband	10	14.3	14.5
	no one else	12	17.1	17.4
	777	2	2.9	2.9
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name: EXM3Q35
 Question: Why were they not with you?

		Frequency	Percent	Valid Percent
Valid	not allowed by hospital	56	80.0	81.2
	777	13	18.6	18.8
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name: EXM3Q36

Question: Was anyone waiting for you outside the labour room in (or just outside) the hospital until you had delivered?

		Frequency	Percent	Valid Percent
Valid	yes	68	97.1	98.6
	no	1	1.4	1.4
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name: EXM3Q37
 Question: What was the other reason for them not being with you?

		Frequency	Percent	Valid Percent
Valid		1	1.4	1.4
	777	67	95.7	95.7
	888	1	1.4	1.4
	looking after kids	1	1.4	1.4
Total		70	100.0	100.0

Variable name: EXM2Q38A
 Question: Who was that person who was waiting for you? - Mother.

		Frequency	Percent	Valid Percent
Valid	yes	34	48.6	49.3
	no	35	50.0	50.7
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name: EXM3Q38B

Question: Who was that person who was waiting for you? - Mother-in-law.

		Frequency	Percent	Valid Percent
Valid	yes	8	11.4	11.6
	no	61	87.1	88.4
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name: EXM3Q38C
 Question: Who was that person who was waiting for you? - Husband.

		Frequency	Percent	Valid Percent
Valid	yes	39	55.7	56.5
	no	30	42.9	43.5
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name: EXM3Q38D
 Question: Who was that person who was waiting for you? - Other female relative.

		Frequency	Percent	Valid Percent
Valid	yes	20	28.6	29.0
	no	49	70.0	71.0
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name: EXM3Q38E

Question: Who was that person who was waiting for you? - Other male relative.

		Frequency	Percent	Valid Percent
Valid	yes	21	30.0	30.4
	no	48	68.6	69.6
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name: EXM3Q38F
 Question: Who was that person who was waiting for you? - Friend or neighbour.

		Frequency	Percent	Valid Percent
Valid	yes	6	8.6	8.7
	no	63	90.0	91.3
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name: EXM3Q39
 Question: Did the person who attended you most in labour and delivery explain to you clearly what was happening?

		Frequency	Percent	Valid Percent
Valid	yes	4	5.7	5.7
	to some extent	37	52.9	52.9
	no not really/bit confused	27	38.6	38.6
	no opinion	1	1.4	1.4
	no, did not know baby dead until born, don't know why died	1	1.4	1.4
Total		70	100.0	100.0

Variable name: EXM3Q40

Question: Was anything done to relieve the pain of labour?

		Frequency	Percent	Valid Percent
Valid	nothing	68	97.1	97.1
	777	2	2.9	2.9
Total		70	100.0	100.0

Variable name: EXM3Q41
 Question: Was anything done to speed up or bring on labour?

		Frequency	Percent	Valid Percent
Valid	injection	11	15.7	15.7
	drip	14	20.0	20.0
	no	44	62.9	62.9
	777	1	1.4	1.4
Total		70	100.0	100.0

Variable name: EXM3Q42
 Question: How many injections were you given?

		Frequency	Percent	Valid Percent
Valid	1	10	14.3	14.5
	2	1	1.4	1.4
	3	2	2.9	2.9
	777	56	80.0	81.2
	Total	69	98.6	100.0
Missing	System	1	1.4	
Total		70	100.0	

Variable name: EXM3Q43

Question: Were instruments used to help the baby out, or did the baby arrive by itself?

		Frequency	Percent	Valid Percent
Valid	yes	2	2.9	2.9
	no	64	91.4	91.4
	c-section	3	4.3	4.3
	777	1	1.4	1.4
	Total	70	100.0	100.0

Variable name: EXM3Q44
 Question: Was anything else done to help the baby out?

		Frequency	Percent	Valid Percent
Valid	no	61	87.1	87.1
	fundal pressure	2	2.9	2.9
	c-section	3	4.3	4.3
	bore down myself	1	1.4	1.4
	pulled baby	2	2.9	2.9
	777	1	1.4	1.4
	Total	70	100.0	100.0

Variable name: EXM3Q45
 Question: What part of the baby came out first?

		Frequency	Percent	Valid Percent
Valid	head	64	91.4	91.4
	other	2	2.9	2.9
	c-section	2	2.9	2.9
	777	2	2.9	2.9
	Total	70	100.0	100.0

Variable name: EXM3Q46

Question: What position were you in when you delivered your baby?

		Frequency	Percent	Valid Percent
Valid	lying on back	68	97.1	97.1
	other	1	1.4	1.4
	777	1	1.4	1.4
	Total	70	100.0	100.0

Variable name: EXM3Q47
Question: Did the placenta come out by itself?

		Frequency	Percent	Valid Percent
Valid	yes	34	48.6	48.6
	no	31	44.3	44.3
	don't know	1	1.4	1.4
	c-section	3	4.3	4.3
	777	1	1.4	1.4
	Total	70	100.0	100.0

Variable name: EXM3Q48
Question: What was done to remove it?

		Frequency	Percent	Valid Percent
Valid	pulled by cord	24	34.3	34.3
	abdominal massage	7	10.0	10.0
	777	39	55.7	55.7
	Total	70	100.0	100.0

Variable name: EXM3Q49
Question: Was your uterus examined internally after the delivery of the placenta?

		Frequency	Percent	Valid Percent
Valid	yes	42	60.0	60.0
	no	23	32.9	32.9
	3	1	1.4	1.4
	777	4	5.7	5.7
	Total	70	100.0	100.0

Variable name: EXM3Q50
 Question: When you delivered did you bleed so much that you were afraid you might die?

		Frequency	Percent	Valid Percent
Valid	yes, scared but did not think would die	7	10.0	12.1
	yes, so much thought I would die	1	1.4	1.7
	no or not significantly	48	68.6	82.8
	777	2	2.9	3.4
	Total	58	82.9	100.0
Missing	System	12	17.1	
Total		70	100.0	

Variable name: EXM3Q51
 Question: If you bled lots did you have an injection after delivery?

		Frequency	Percent	Valid Percent
Valid	yes	7	10.0	38.9
	no	1	1.4	5.6
	777	10	14.3	55.6
	Total	18	25.7	100.0
Missing	System	52	74.3	
Total		70	100.0	

Variable name: EXM3Q52
 Question: If a C-section, was the cut across your body or downwards?

		Frequency	Percent	Valid Percent
Valid	across	4	5.7	100.0
Missing	System	66	94.3	
Total		70	100.0	

Variable name: EXM3Q53

Question: If you have previously had a C-section what is the direction of the scar?

		Frequency	Percent	Valid Percent
Valid	across	1	1.4	50.0
	down	1	1.4	50.0
	Total	2	2.9	100.0
Missing	System	68	97.1	
Total		70	100.0	

Variable name: EXM3Q54
 Question: Where was the previous C-section performed?

		Frequency	Percent	Valid Percent
Valid	private	2	2.9	100.0
Missing	System	68	97.1	
Total		70	100.0	

Variable name: EXM3Q55
 Question: If you were given a C-section in this delivery, was it painful?

		Frequency	Percent	Valid Percent
Valid	yes	2	2.9	50.0
	no	2	2.9	50.0
	Total	4	5.7	100.0
Missing	System	66	94.3	
Total		70	100.0	

Variable name: EXM3Q56
 Question: Was it painful when you had your stitches?

		Frequency	Percent	Valid Percent
Valid	no stitches	38	54.3	54.3
	very painful	19	27.1	27.1
	uncomfortable	6	8.6	8.6
	no	2	2.9	2.9
	C-section	2	2.9	2.9
	777	3	4.3	4.3
Total		70	100.0	100.0

Variable name: EXM3Q57
 Question: Did you know the sex of the baby before you delivered?

		Frequency	Percent	Valid Percent
Valid	yes	68	97.1	98.6
	no	1	1.4	1.4
	Total	69	98.6	100.0
Missing	888	1	1.4	
Total		70	100.0	

Variable name: EXM3Q58
 Question: If yes, how did you know?

		Frequency	Percent	Valid Percent
Valid	sonography at municipal facility in Mumbai	1	1.4	20.0
	sonography in private in Mumbai	2	2.9	40.0
	sonography in municipal facility outside Mumbai	1	1.4	20.0
	sonography at charitable facility (Lions Club)	1	1.4	20.0
	Total	5	7.1	100.0
Missing	System	65	92.9	
Total		70	100.0	

Variable name: EXM3Q59
 Question: Do you think your baby is of big, medium or small size?

		Frequency	Percent	Valid Percent
Valid	big	3	4.3	4.3
	medium	55	78.6	78.6
	small	7	10.0	10.0
	very small	2	2.9	2.9
	999	3	4.3	4.3
Total		70	100.0	100.0

Variable name: EXM3Q60

Question: How long was it after the birth that they handed the baby to you?

		Frequency	Percent	Valid Percent
Valid	0:00	2	2.9	3.0
	0:30	15	21.4	22.7
	0:45	2	2.9	3.0
	1:00	21	30.0	31.8
	1:30	4	5.7	6.1
	2:00	12	17.1	18.2
	2:30	3	4.3	4.5
	3:00	5	7.1	7.6
	3:15	1	1.4	1.5
	5:00	1	1.4	1.5
	Total	66	94.3	100.0
Missing	System	4	5.7	
Total		70	100.0	

Variable name: EXM3Q61

Question: Do you know why you and your baby were separated for that long?

		Frequency	Percent	Valid Percent
Valid	no, not sure	6	8.6	14.6
	to clean/check baby	22	31.4	53.7
	baby was not well	1	1.4	2.4
	suturing and to clean baby	4	5.7	9.8
	bleeding/injection	1	1.4	2.4
	777	5	7.1	12.2
	999	2	2.9	4.9
	Total	41	58.6	100.0
Missing	System	29	41.4	
Total		70	100.0	

Variable name: EXM3Q62

Question: How long after the delivery did you put the baby to your breast?

		Frequency	Percent	Valid Percent
Valid	.00	1	1.4	1.4
	.30	3	4.3	4.3
	.45	2	2.9	2.9
	1.00	18	25.7	25.7
	1.30	5	7.1	7.1
	2.00	10	14.3	14.3
	2.30	1	1.4	1.4
	3.00	6	8.6	8.6
	3.15	1	1.4	1.4
	4.00	1	1.4	1.4
	4.30	1	1.4	1.4
	5.00	1	1.4	1.4
	6.30	1	1.4	1.4
	7.00	3	4.3	4.3
	7.30	1	1.4	1.4
	8.00	2	2.9	2.9
	10.00	1	1.4	1.4
	11.40	1	1.4	1.4
	12.00	4	5.7	5.7
	20.00	1	1.4	1.4
	24.00	1	1.4	1.4
	48.00	1	1.4	1.4
	62.00	1	1.4	1.4
	777.00	3	4.3	4.3
Total		70	100.0	100.0

Variable name: EXM3Q63
 Question: Why did you not breastfeed sooner than you did?

		Frequency	Percent	Valid Percent
Valid	no milk	5	7.1	23.8
	baby sleeping	10	14.3	47.6
	baby unwell	1	1.4	4.8
	did not know could feed colostrum until rounds	1	1.4	4.8
	separated from baby	1	1.4	4.8
	777	3	4.3	14.3
Total		21	30.0	100.0
Missing	System	49	70.0	
Total		70	100.0	

Variable name: EXM3Q64
 Question: Have you given your baby anything else to eat drink?

		Frequency	Percent	Valid Percent
Valid	no	10	14.3	14.9
	sugar water	50	71.4	74.6
	water	4	5.7	6.0
	777	3	4.3	4.5
	Total	67	95.7	100.0
Missing	System	3	4.3	
Total		70	100.0	

Variable name: EXM3Q65
 Question: How did you know how to breastfeed?

		Frequency	Percent	Valid Percent
Valid	came naturally	3	4.3	4.3
	had baby before	34	48.6	48.6
	anm/sister showed me	21	30.0	30.0
	by seeing other people	1	1.4	1.4
	mother/other relative showed me	5	7.1	7.1
	antenatal slides/cassettes	2	2.9	2.9
	other mother showed me	1	1.4	1.4
	777	3	4.3	4.3
Total		70	100.0	100.0

Variable name: EXM3Q66
 Question: Were you offered any bottled/cows milk for your baby?

		Frequency	Percent	Valid Percent
Valid	yes	1	1.4	1.4
	no	66	94.3	94.3
	777	3	4.3	4.3
Total		70	100.0	100.0

Variable name: EXM3Q67
 Question: If yes, why was that?

		Frequency	Percent	Valid Percent
Valid	not enough milk & baby hungry	1	1.4	1.4
	777	69	98.6	98.6
	Total	70	100.0	100.0

Variable name: EXM3Q68
 Question: Do you want to have another baby? After
 How many years?

		Frequency	Percent	Valid Percent
Valid	1.0	2	2.9	2.9
	2.0	4	5.7	5.8
	2.5	6	8.6	8.7
	3.0	7	10.0	10.1
	3.5	2	2.9	2.9
	4.0	1	1.4	1.4
	5.0	2	2.9	2.9
	5.5	2	2.9	2.9
	haven't thought yet	5	7.1	7.2
	777.0	21	30.0	30.4
	don't want any more/or want one soon	17	24.3	24.6
	Total	69	98.6	100.0
Missing	888.0	1	1.4	
Total		70	100.0	

Variable name: EXM3Q69
 Question: What sort of contraception will you use?

		Frequency	Percent	Valid Percent
Valid	tubal ligation	30	42.9	42.9
	copper t/iud	4	5.7	5.7
	oral contraceptive	3	4.3	4.3
	don't know yet	22	31.4	31.4
	don't want to use contraceptive	2	2.9	2.9
	no husband	2	2.9	2.9
	want child soon	1	1.4	1.4
	777	4	5.7	5.7
	888	1	1.4	1.4
	999	1	1.4	1.4
Total		70	100.0	100.0

Variable name: EXM3Q70

Question: Did you have a sonography during this pregnancy? If so how much did this cost?

		Frequency	Percent	Valid Percent
Valid	free - husband works there	1	1.4	1.4
	50	20	28.6	29.0
	100	2	2.9	2.9
	150	5	7.1	7.2
	200	1	1.4	1.4
	250	12	17.1	17.4
	300	1	1.4	1.4
	350	8	11.4	11.6
	450	2	2.9	2.9
	no sonography	17	24.3	24.6
	Total	69	98.6	100.0
Missing	System	1	1.4	
Total		70	100.0	

Variable name: EXM3Q71

Question: Did you have a second sonography during this pregnancy? If so how much did this cost?

		Frequency	Percent	Valid Percent
Valid	0	1	1.4	20.0
	250	2	2.9	40.0
	350	2	2.9	40.0
	Total	5	7.1	100.0
Missing	System	65	92.9	
Total		70	100.0	

MUMBAI SAFE MOTHERHOOD STUDY
PART II

QUALITY INVENTORIES

Institutional Delivery – Municipal and Private Situation Analysis

- Whenever possible enter the source (even if there is more than one source) of your information.

Name of Hospital/Nursing Home _____

Chembur _____

Date _____

No	QUESTIONS	RESPONSES	NOTES
Deliveries			
1	<p>What is the average number of deliveries in hospital/ward X?</p> <p>Use last complete year March 1997-April 1998 as reference</p>	<p>Average number of deliveries.....</p> <p>Per week _____</p> <p>Per Month <u>225</u></p> <p>Per Year _____ (cross check with previous questions)</p>	
2	<p>What is the average percentage of births delivered by caesarean section in hospital/ward X?</p> <p>Use last complete year March 1997-April 1998 as reference</p>	<p>Average % per month</p> <p>Average % per year</p>	<p><i>Hardly any- perhaps one per year, and this is almost certainly an elective- all suspected complications are transferred.</i></p>
Staff			
3	<p>Who is the person responsible for the overall running of the maternity wards/hospital?</p>	<p>Position <u>Medical Officer</u></p> <p>Name _____</p>	

No	QUESTIONS	RESPONSES	NOTES
4	<p>What is the total number staff employed by the hospital to work on the maternity ward per shift?</p>	<p>Number <u>27</u></p>	<p>16 midwives conduct deliveries (4 on morning shift, 2 for other two shifts) 1 staff nurse to assist with operations (do lots of tubal ligations, and some MTP) 1 sister in charge 1 paediatrician 1 gynaecologist/obstetrician (who works in two hospitals) 1 medical officer (resident in maternity home) 2 operating theatre attendants (for morning shift operations) 2 sweepers 2 ayabais 27 staff in total</p>

No	QUESTIONS	RESPONSES			NOTES
		NUMBER	NORMAL SHIFT	MONTHLY PAY	
5	<p>Please give a break down of a normal complement of staff on labour and delivery wards by grading, length of shift and monthly pay in Rs.</p> <p>If mixed in with post natal ward combine – but try and get an idea of how many are available to assist women in labour.</p>	<p>SISTER IN CHARGE MIDWIVES ANMs STAFF NURSE HOUSE SURGEON REGISTRAR MEDICAL OFFICER GYNAE/OBSTET LECTURER HONORARY ASS. HONORARY ANAETHETISTS PAEDIATRICIAN RECEPTIONIST SWEEPERS AYABAIS MALE ATTENDANTS</p>	<p>1 16 1 1/2 1 1/2 1 1/2</p>	<p><i>11-12000</i> <i>8-9000</i> <i>9-10000</i> <i>4100</i> 500</p>	

No	QUESTIONS	RESPONSES	NOTES
Infrastructure/Equipment			
6	In total, how many maternity beds are there in the building?	Examination room/s <u>5</u> Waiting room/labour ward <u>1</u> Delivery Room <u>2</u> Operating Theatre <u>1</u> Post Natal ward/s <u>25</u> Private rooms _____ Room for cases of hypertension _____ Total <u>30</u>	(not including, waiting room, delivery room or operating theatre)
7	Briefly describe physical layout of maternity wards? (eg. Number of rooms, number of operating theatres, number of delivery rooms, private rooms) If possible draw brief sketch of layout	<i>The waiting room/labour room is to the left, separate from the post natal wards and close to delivery room. Operating theatre and sterilisation room on same side. To the right is a big room separated by low walls and bars/partitions – quite dark – beds very close together. Split into labour ward (five beds with basin in this part of room and toilets close by). The next section is the post partum room – for women who delivered within one day and the next part is for women who deliver 2 days ago.</i>	
8	Who do women usually see first when they arrive at the maternity wing?	State position/s: <i>ANM</i>	
9	Who is responsible for all new admissions?		
10	Usually, who is the first person to examine a woman presenting at the maternity wing?	<i>MIDWIFE / ANM ON DUTY</i>	
11	Examination Room How many handbasins are there in this/these rooms?	Number of handbasins in room <u>1</u>	

No	QUESTIONS	RESPONSES	NOTES
12	Labour Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
13	Delivery Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
14	Operating Theatre How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
15	Post natal ward/rooms How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
16	Is there soap/disinfectant available at each handbasin? Select appropriate response	Yes, all of them X Yes, some of them Yes, only a few of them No, none of them	
17	Are there curtains/blinds that can be put around beds to maintain privacy during examination? Select appropriate response	Yes, enough for every bed Yes, enough for some beds Yes, but very few No, none at all X	
18	Are these curtains/blinds used for every examination? Take examination to mean then a women is in labour and she is being physically examined (either internally or externally) by a member of staff)	No, not for every examination Yes, it appears so	

No	QUESTIONS	RESPONSES	NOTES
19	<p>How many toilets are there available to women in labour?</p> <p>How many toilets are there available to women in post natal wards</p>	<p>Number of toilets</p> <p>In labour _____ 2</p> <p>Post natal _____ 2</p>	
20	<p>How would you describe the toilets?</p> <p>Select appropriate responses</p>	<p>Very Quite Average Poor</p> <p>Convenient X</p> <p>Clean X</p>	
21	<p>How many handbasins are there attached to the toilets?</p>	<p>Total number of handbasins 1</p>	
22	<p>Do all the handbasins have soap easily available?</p> <p>Select appropriate response</p>	<p>Yes X</p> <p>No, only a few</p> <p>No, none at all</p>	
23	<p>Who is primarily responsible for the running of the labour room/s?</p>	<p>State position/s</p>	
24	<p>Are all beds in labour room/delivery room accessible from both sides?</p> <p>Select appropriate responses</p>	<p>Yes, all of them</p> <p>Yes, some of them</p> <p>Yes, but only a few</p> <p>No, none at all (one side only)</p> <p>Labour Room X</p> <p>Delivery Room X</p>	

No	QUESTIONS	RESPONSES	NOTES
25	<p>How would you rate the level of privacy afforded a woman in labour? (i.e. well-shielded from other women during labour ,if desired, vs no means of covering/providing private space for labouring woman) Select appropriate response</p>	<p>Good Reasonable X Not very good X Poor</p>	<p><i>Compared to other places not bad – examination room slightly separate from other rooms and labour ward partitioned off from rest of ward – although you can see through partition it is not very exposed</i></p>
Delivery Room and Equipment			
26	<p>Is the delivery room the same room as the labour room? Select appropriate response</p>	<p>Yes No X Sometimes</p>	

Equipment Roster			
Question 27	CHECK EQUIPMENT AVAILABLE FOR HOSPITAL STAFF (if not able to do this in detail run through list with staff member responsible for stock checks and get an idea if usually in stock, no problem with supplies, sometimes problems with supplies or not kept in stock)	QUANTITY/UNITS Usually in stock No supply problems Occasional supply problems Frequent supply problems Not routinely kept in stock	COMMENTS eg. Stocks low/broken/poor quality/visibly not clean/sterile
Equipment	a) Vacuum extractor b) IV infusion sets c) IV fluids d) Ovum forceps e) Vaginal speculum f) Artery forceps g) Needles h) Sutures i) Syringes j) Scissors k) Curette l) Sphygmomanometer m) Suction equipment Note how easily accessible m, n & o are in different areas n) Defibrillator o) Intubator equipment	a) b) c) d) e) f) g) h) i) j) k) l) m) n) o)	a) b) c) d) e) f) g) h) i) j) k) l) m) n) o)

	EQUIPMENT AVAILABLE FOR HOSPITAL STAFF	QUANTITY/UNITS	COMMENTS
Key Drugs	a) Oxytocics b) Anticonvulsants c) Procaine Penicillin d) Crystalline Penicillin e) Gentamycin f) Metronidazole g) Ampicillin h) Local anaesthetics i) General anaesthetics j) Oxygen k) Adrenaline l) Epinephrine	a) b) c) d) e) f) g) h) i) j) k) l)	a) b) c) d) e) f) g) h) i) j) k) l)
Laboratory Equipment	a) Microscope b) Test-tubes c) Slides	a) b) c)	a) b) c)
Blood Bank	a) Blood bags b) Anti-sera c) Storage capacity d)	a) b) c)	a) b) c)
Operating Theatre	a) Caesarean section b) Laparotomy set c) Neo-natal intubation set d)		

TYPE	COMMENTS
Sterilisation Procedure Note procedure –delays in getting sterile equipment back? – enough sets?	
Blood Supplies Briefly describe stock/procedures for replenishing supplies etc	

No	QUESTIONS	RESPONSES
Management Information System Stationary/Forms		
28	<p>What information is routinely collected and stored by the hospital about each admission/delivery?</p> <p><i>If possible copy forms (NB: information here is replicated from proformas used at Chembur, these are standard for all municipal hospitals)</i></p>	<p>Detail (note time stored eg. Past five years)</p> <p>Booked/unbooked Date of admission Time of admission Name of woman Address Age in completed years Parity Number of children alive Length of labour Complication –diagnosis Treatment given Surgical intervention on delivery - Forceps/vacuum extractor/c-section/episiotomy Treatment given Weight of baby Condition of baby at birth Condition of mother at birth Sex of baby Condition of perineum Post-natal complications</p>

No	QUESTIONS	RESPONSES	NOTES
29	<p>Does the facility maintain patient records throughout labour and delivery? Request template as below - detail what is required by hospital and/or what is done, observe examples</p>	<p>Yes, comprehensive X Yes, basic X Only in complicated cases No, not routinely</p>	<p><i>As they generally only deliver non complicated deliveries notes are relatively complete (BP, Temp, etc)</i></p>
30	<p>Does the facility keep a copy of these records or give them to the woman on discharge? Select as appropriate</p>	<p>Yes, keeps a copy Yes gives them to the woman Both Neither</p>	<p><i>As with others woman goes away with discharge card</i></p>
31	<p>What kinds of record keeping systems exist in the hospital/wards? Take examples of forms/templates if possible</p>		<p>Refer to Q28</p>
32	<p>Is there some kind of 'Facility Data Summary Form' ie. A form that records obstetric complications on a monthly basis? Request template for above</p>	<p>Yes X No</p>	<p><i>As with others – details of complications not clear</i></p>
33	<p>Who is responsible for ensuring that these records are accurately maintained?</p>	<p>State position/s: <u>Sister in Charge</u> No one :</p>	
34	<p>How many C-sections were performed over last 3 yrs? Note total deliveries for these periods if possible -full 12 month periods</p>		<p><i>Refer to hospital records</i></p>
35	<p>What number/percentage of C-sections are performed under general anesthetic or epidural/spinal? Clarify whether percentage or number: note data source</p>		<p><i>Prefer spinal</i></p>
36	<p>What percentage/number of C-sections performed in this hospital are elective? That is not emergency C-sections – performed before labour has begun and for which woman has been prepared .</p>	<p>Number/percentage (clarify) On average annually (verbal estimate)</p>	<p>Refer to hospital records</p>

No	QUESTIONS	RESPONSES	NOTES
37	<p>How many ‘emergency cases’ do you deal with on average each week?</p> <p>Emergency refers to a situation regarded as potentially life threatening by senior obstetrician – for which specialist medical attention is required and which cannot be handled by midwives and junior doctors alone.</p>	Refer to hospital records	All high risk cases and unbooked women refered

No	QUESTIONS	RESPONSES				NOTES
Procedures, policies and guidelines						
38	<p>Which of the following procedures would you say are applicable to the management of labour in this hospital?</p> <ul style="list-style-type: none"> a) Use of enema b) Pubic shaving (for non C-section delivery) c) Use of intravenous infusion d) Use of prophylactic insertion of intravenous cannula e) Use of supine position during labour f) Rectal examination g) Xray pelvimetry h) Use of lithotomy position with or without strirups for delivery (probe if routine – why do they prefer this?) i) Sustained, directed bearing down movements (Valsalva manoeuvre) during second stage labour j) The use of oral tablets of ergometrine in the third stage of labour to prevent or control haemorrhage k) Lavage of the uterus after delivery l) Revision (manual exploration) of uterus after delivery m) The use of third stage oxytocic drug? n) Vertical caesarean cut (navel down) o) Horizontal caesarean cut p) Rhesus Blood Test (note when used) q) Episiotomy for first births r) Episiotomy for subsequent births (probe) <p>If routine for any group ask why – and probe explanation.</p> <ul style="list-style-type: none"> s) Use of magnesium sulphate for preeclampsia – drug of first choice? 	Routinely	Most of the time	Some of the time	Never	
	a) Use of enema	X				
	b) Pubic shaving (for non C-section delivery)	X				
	c) Use of intravenous infusion			X		
	d) Use of prophylactic insertion of intravenous cannula			X		
	e) Use of supine position during labour					
	f) Rectal examination					
	g) Xray pelvimetry					
	h) Use of lithotomy position with or without strirups for delivery (probe if routine – why do they prefer this?)	X				
	i) Sustained, directed bearing down movements (Valsalva manoeuvre) during second stage labour	X				
	j) The use of oral tablets of ergometrine in the third stage of labour to prevent or control haemorrhage					
	k) Lavage of the uterus after delivery					
	l) Revision (manual exploration) of uterus after delivery			X		
	m) The use of third stage oxytocic drug?	X				
	n) Vertical caesarean cut (navel down)					
	o) Horizontal caesarean cut					
	p) Rhesus Blood Test (note when used)					
	q) Episiotomy for first births	X				
	r) Episiotomy for subsequent births (probe)			X		
	s) Use of magnesium sulphate for preeclampsia – drug of first choice?					

No	QUESTIONS	RESPONSES	NOTES
39	Is blood testing available on site or outside the hospital premises?	On site X Outside hospital (give details)	
40	How long does it usually take to receive the results of a routine blood test (eg. Hb levels)? How long does it usually take to receive the results of a Rhesus Test?	HB Rhesus Typing Minutes X X Hours Days	<i>Not verified</i>
41	In the case an emergency how long does it usually take to receive the results of a blood test (eg. Typing and Hb)	HB Rhesus Typing Minutes X Hours Days Comment on blood _____	<i>Not verified</i>
42	Are blood testing facilities available on a 24 hour basis?	Yes No (detail) X	<i>only during normal working hours</i>
43	Are blood supplies available on a 24 hour basis?	Yes No (detail) X	
44	Do you ask women who you believe to be at risk of a complication to arrange make blood available for her confinement?	Yes No X	<i>transfer woman</i>

No	QUESTIONS	RESPONSES	NOTES
45	<p>Is anaesthesia (and someone to administer it) available on a 24 hour basis?</p> <p>Probe availability of anaesthetists</p>	<p>Yes</p> <p>No (detail) X</p>	<p><i>in theory can call on anaesthetists but the fee is so low little motivation to come so very difficult – better to transfer patient</i></p>
46	<p>Is the baby routinely taken away from the mother directly after birth for any of the following?</p>	<p>Apgar checked by paediatrician/staff nurse</p> <p>Cleaning X</p> <p>Other reasons <i>suturing/if jaundiced/if problem and needs to be transferred</i></p>	
47	<p>Is early (within first few hours of delivery) breastfeeding actively encouraged by staff?</p> <p>Probe about breastfeeding/priority placed on it etc and observe</p>	<p>Yes X</p> <p>No</p>	
48	<p>If yes, do you have any written policy guidelines available to staff about breastfeeding?</p> <p>Are they Baby Friendly certified?</p>	<p>Yes – not seen</p> <p>Yes – verified <i>Baby friendly – saw certificate</i></p> <p>No</p>	
49	<p>Is there a trained member of staff responsible for aiding women with breastfeeding?</p>	<p>Yes (if so state position) _____</p> <p>No X</p>	<p><i>all/most midwives and ANMs are responsible for this</i></p>
50	<p>If yes what is the recommended length of stay for women who have had deliveries that are not considered complicated?</p>	<p>Recommended length of stay _____</p> <p><i>3 days for primi with episiotomy, 2-3 days for multi, 6 for sterilisation following delivery</i></p>	<p><i>verified using case notes and exit interviews</i></p>

No	QUESTIONS	RESPONSES	NOTES
51	In practice what is the average length of stay for a woman whose delivery was not considered complicated?	1 day 2-3 days X 4-5 days 6-8 days 9 days+	
52	In practice what is the average length of stay for a woman who has a c-section? use supporting information if available	3-5 days 6-8 days X 9-12 days 13-15 days 16 days+	
Post Natal Care			
53	On postnatal wards how often are women and their infants routinely examined by a doctor/paediatrician?	Once only Once a day Twice a day X Three+ times a day Every 4-6 hours Whenever necessary	
54	On postnatal wards how often are women and their infants examined by a midwife/anm?	Once only Once a day Twice a day Three times a day Every 4-6 hours Whenever necessary	
55	Whose decision is it to allow women to be discharged?	State position/s <i>Medical Officer/House man</i>	<i>if doctor not there staff nurse. "patient takes own decisions"</i>

No	QUESTIONS	RESPONSES				NOTES
56	Does the woman have to be examined by anyone particular before being discharged?	State position/s <i>Doctor</i>				
57	On postnatal ward how often do midwives/anms Take women's temperatures? Inspect lochia? Feel uterine fundus? Check infant feeding patterns/problems? Check Hb levels? Check stitches? Take Blood Pressure	Routinely every 4 hrs	Once a day	About once during stay	Sometimes but not usually	Notes <i>It was not possible to verify the responses to this question – not considered reliable</i>
58	How much do you charge women for the following in Rupees? Ask to have see and keep copy of current price list	Food/drink Laundry Medication Use of bed Routine examinations Blood testing Blood transfusion Anaesthesia Baby formula/cows milk X ray pelvimetry Sonography Other (specify)				<i>Officially nothing Sonography and X-ray pelvimetry are not available on site</i>

NO	QUESTIONS	RESPONSES	NOTES
59	Are women encouraged to have a person or persons of their choice to support them during labour?	Yes No X	<i>hospital policy</i> <i>“they ask but they are not allowed”</i> <i>why? “Usually not clean – want to keep labour room sterile”</i>
60	Are women who have had a previous C-section actively considered for a subsequent vaginal delivery?	Yes, usually X No, not normally	
61	Are prophylactic antibiotics used for emergency c-sections?	Yes, always No Sometimes X Usually	
62	Are prophylactic antibiotics used for elective c-sections?	Yes, always No Sometimes X Usually	
63	For the induction of a primiparous woman with an unripe cervix do you usually manage this by prostaglandins or artificial rupture of the membranes or oxytocin? Tick all that apply or describe preferred process – which one first etc	Prostaglandins Artificial Rupture of the membranes Oxytocin <i>Do not use vaginal pessaries “ because cannot do c-sections and with vaginal pessaries you cannot control uterine contractions”</i>	<i>Do not use vaginal pessaries “ because cannot do c-sections and with vaginal pessaries you cannot control uterine contractions”</i>
64	When perineal trauma occurs what is the suturing method of first choice?	Subcuticular Don't know	

NO	QUESTIONS	RESPONSES	NOTES
65	What is your suture material of first choice?	Polyglycolic acid suture Catgut X Other (specify) Why is this so?	
66	What do you encourage a women to do when in labour? Tick all that apply	Stay mobile X Lie down (left lateral) Lie down (supine) Breathe Advise on pain relief Other (specify)	
67	What position to you encourage to be in for delivery? Probe – what if they want to deliver in a different position – do you advise otherwise?	<i>Very rarely allow them to use any other position than lying down why? “not trained to deliver in another position”</i>	

Institutional Delivery – Municipal and Private Situation Analysis

- Whenever possible enter the source (even if there is more than one source) of your information.

Name of Hospital/Nursing Home Rajawadi Date _____

No	QUESTIONS	RESPONSES	NOTES
Deliveries			
1	<p>What is the average number of deliveries in hospital/ward X?</p> <p>Use last complete year March 1997-April 1998 as reference</p>	<p>Average number of deliveries.....</p> <p>Per week _____ 92 (average 14 per day)</p> <p>Per Month _____</p> <p>Per Year _____ (cross check with previous questions)</p>	<p><i>Jan 1998-Dec 1998</i></p> <p>Number of deliveries...5968 confinements</p> <p><i>Full term 4087</i></p> <p><i>Preterm 413</i></p> <p><i>Masurated Still Birth – 126</i></p> <p><i>Fresh Still Birth – 117</i></p> <p><i>Abortion related complications – 376</i></p> <p><i>Check curretage – 607 (incomplete, induced 2nd trimester, septic (not recorded separately)</i></p> <p><i>Total 'babies – 5049</i></p> <p><i>Maternal Deaths – 5</i></p> <p><i>Neonatal deaths – 204</i></p> <p><i>Complete abortions (miscarriage nothing remaining in uterus) – 27</i></p> <p><i>Baby death – within 2 hours of birth – 1</i></p>

No	QUESTIONS	RESPONSES	NOTES
2	<p>What is the average percentage of births delivered by caesarean section in hospital/ward X?</p> <p>Use last complete year March 1997-April 1998 as reference</p>	<p>Average % per month : <i>9-10% (1-2 a day)</i></p> <p>Average % per year</p>	
Staff			
3	<p>Who is the person responsible for the overall running of the maternity wards/hospital?</p>	<p>Position _____ <i>Medical officer</i> _</p> <p>Name _____</p>	
4	<p>What is the total number staff employed by the hospital to work on the maternity ward per shift?</p>	<p>Number _____ <i>9 excluding 1 sweeper and 2 ayabis</i></p>	



No	QUESTIONS	RESPONSES			NOTES	
	<p>Please give a break down of a normal compliment of staff on labour and delivery wards by grading, length of shift and monthly pay in Rs.</p> <p>If mixed in with post natal ward combine – but try and get an idea of how many are available to assist women in labour.</p>		<p>NUMBER</p>	<p>NORMAL SHIFT</p>	<p>MONTHLY PAY</p>	
		SISTER in CHARGE	1		11-12000	
		MIDWIVES	0			
		ANMs	1		8-9000	
		STAFF NURSE	3		8-9000	
		HOUSE SURGEON	1		4100	
		REGISTRAR	1		4400	
		MEDICAL OFFICER	1		9000	
		GYNAE/OBSTET	1		500	
		LECTURER				
		HONORARY	<i>None</i>			
		ASS. HONORARY	<i>dedicated</i>			
		ANAETHETISTS	<i>exclusively</i>			
		PAEDIATRICIAN	<i>to this ward.</i>			
		RECEPTIONIST				
		SWEEPERS	1		5-6000	
		AYABAIS	2		5-6000	
		MALE- ATTENDANTS	1(<i>morning shift only</i>)			
		OTHERS?				

No	QUESTIONS	RESPONSES	NOTES
Infrastructure/Equipment			
6	In total, how many maternity beds are there in the building?	Examination room/s _____ 10 Waiting room/labour ward _____ 1 Delivery Room _____ 6 Operating Theatre _____ 1 Post Natal ward/s _____ 60 Private rooms _____ Room for cases of hypertension _____ 2 Total _____ 80 (<i>not including, waiting room delivery room or operating theatre</i>)	
7	Briefly describe physical layout of maternity wards? (eg. number of rooms, number of operating theatres, number of delivery rooms, private rooms) If possible draw brief sketch of layout	1 examination room, one labour room, one waiting room (big and empty – beds pushed to sides of room), one side room for hypertensive cases – one huge room with 60 beds closely lined up for post natal.	
8	Who do women usually see first when they arrive at the maternity wing?	State position/s: <i>House officer</i>	
9	Who is responsible for all new admissions?	<i>House officer</i>	
10	Usually, who is the first person to examine a woman presenting at the maternity wing?	<i>House officer</i>	
11	Examination Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
12	Labour Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 0	

No	QUESTIONS	RESPONSES	NOTES
13	Delivery Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
14	Operating Theatre How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
15	Post natal ward/rooms How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
16	Is there soap/disinfectant available at each handbasin? Select appropriate response	Yes, all of them Yes, some of them Yes, only a few of them X No, none of them	
17	Are there curtains/blinds that can be put around beds to maintain privacy during examination? Select appropriate response	Yes, enough for every bed X Yes, enough for some beds Yes, but very few No, none at all	
18	Are these curtains/blinds used for every examination? Take examination to mean then a women is in labour and she is being physically examined (either internally or externally) by a member of staff)	No, not for every examination X Yes, it appears so	

No	QUESTIONS	RESPONSES	NOTES
19	How many toilets are there available to women in labour? How many toilets are there available to women in post natal wards	Number of toilets In labour _____ 2 Post natal _____ 4	
20	How would you describe the toilets? Select appropriate responses	Very Quite Average Poor Convenient _____ X Clean _____ X	
21	How many handbasins are there attached to the toilets?	Total number of handbasins 2	
22	Do all the handbasins have soap easily available? Select appropriate response	Yes No, only a few _____ X No, none at all	
23	Who is primarily responsible for the running of the labour room/s?	State position/s Medical officer or sister in charge _____ X No fixed person	<i>Registrar</i>
24	Are all beds in labour room/delivery room accessible from both sides? Select appropriate responses	Labour Room Delivery Room Yes, all of them _____ X _____ X Yes, some of them Yes, but only a few No, none at all (one side only)	
25	How would you rate the level of privacy afforded a woman in labour? (i.e. well-shielded from other women during labour ,if desired, vs no means of covering/providing private space for labouring woman) Select appropriate response	Good Reasonable Not very good Poor _____ X	

No	QUESTIONS	RESPONSES	NOTES
Delivery Room and Equipment			
26	Is the delivery room the same room as the labour room? Select appropriate response	Yes No X Sometimes	

Equipment Roster			
Question 27	CHECK EQUIPMENT AVAILABLE FOR HOSPITAL STAFF (if not able to do this in detail run through list with staff member responsible for stock checks and get an idea if usually in stock, no problem with supplies, sometimes problems with supplies or not kept in stock)	QUANTITY/UNITS Usually in stock No supply problems Occasional supply problems Frequent supply problems Not routinely kept in stock	COMMENTS eg. Stocks low/broken/por quality/visibly not clean/sterile
Equipment	a) Vacuum extractor b) IV infusion sets c) IV fluids d) Ovum forceps e) Vaginal speculum f) Artery forceps g) Needles h) Sutures i) Syringes j) Scissors k)Curette l) Sphygomomanometer m) Suction equipment <small>Note how easily accessible m, n & o are in different areas</small> n) Defibrillator o) Intubator equipment	a) 3-4 (caps of different sizes suction machine) b) 50 per day c) 40 d) 3 e) 3 f) 9 g) 24 a day (disposable) h) 24 a day (disposable) i) 50 (disposable) j) 6 k) 3 l) 1 m) 2 n)0 o)	a) b) c) d) e) f) g) h) i) j) k) l) m) n) o)

TYPE	EQUIPMENT AVAILABLE FOR HOSPITAL STAFF	QUANTITY/UNITS	COMMENTS
Key Drugs	a) Oxytocics b) Anticonvulsants c) Procaine Penicillin d) Crystalline Penicillin e) Gentamycin f) Metronidazole g) Ampicillin h) Local anaesthetics i) General anaesthetics j) Oxygen k) Adrenaline l) Epinephine	a) boxes b) 1 box c) 1-2 vials for emergency d) 1-2 vials for emergency e) 25 per day f) 50 per day g) h) 1 bulb i) not in labour ward j) 2 cylinders k) not routinely used l)	a) b) c) not routinely kept unless heart disease d) not routinely kept unless heart disease e) also kept as emergency but not routinely f) g) very routinely used – depending on indication h) lignocaine 2% (30 mls a day) diluted with saline for perineal – 6cc per) i) j) k) for emergency patients only 5-10 ampules a day l)
Laboratory Equipment	a) Microscope b) Test-tubes c) Slides	a) b) c)	a) b) c)
Blood Bank	a) Blood bags b) Anti-sera c) Storage capacity	a) b) c)	a) b) c)
Operating Theatre	a) Caesarean section b) Laparotomy set c) Neo-natal intubation set	a) <i>two beds one room "could do with more"</i> b) c)	a) b) c)

TYPE	COMMENTS
Sterilisation Procedure Note procedure –delays in getting sterile equipment back? – enough sets?	
Blood Supplies Briefly describe stock/procedures for replenishing supplies etc	<i>Store capacity – 5000 units</i> <i>At time of interview 250 units in store</i> <i>40% replacement 60% voluntary donations</i> <i>Typing and Hb Results returned within 1 1/2 hours normally but within 15 minutes if emergency – 24 hours a day</i> <i>If patient stable prefer to avoid giving one unit of blood – only if unstable. Patients not allowed to be discharged until they have replaced any blood transfused (hospital policy).</i>

No	QUESTIONS	RESPONSES
Management Information System Stationary/Forms		
28	<p>What information is routinely collected and stored by the hospital about each admission/delivery?</p> <p>If possible copy forms <i>(NB: information here is replicated from proformas used at Rajawadi, these are standard for all municipal hospitals)</i></p>	<p>Detail (note time stored eg. Past five years)</p> <p>Booked/unbooked Date of admission Time of admission Name of woman Address Age in completed years Parity Number of children alive Length of labour Complication –diagnosis <i>(not standardised procedure)</i> Treatment given <i>(on labour notes – variable quality)</i> Surgical intervention on delivery - Forceps/vacuum extractor/c-section/episiotomy Treatment given Weight of baby Condition of baby at birth Condition of mother at birth Sex of baby Condition of perineum Post-natal complications <i>(not standardised)</i> AGPAR– <i>whether baby cried or not</i> <i>Religion</i></p>

No	QUESTIONS	RESPONSES
29	<p>Does the facility maintain patient records throughout labour and delivery? Request template as below - detail what is required by hospital and/or what is done, observe examples</p>	<p>Yes, comprehensive X - <i>for labour blank piece of paper – at Rajawadi complete (often illegible) and notes also through labour</i></p> <p>Yes, basic Only in complicated cases No, not routinely</p>
30	<p>Does the facility keep a copy of these records or give them to the woman on discharge? Select as appropriate</p>	<p>Yes, keeps a copy X Yes gives them to the woman Both Neither</p> <p>Notes: <i>Gives woman a discharge card only with date of delivery, time of delivery, weight of baby, condition of both on discharge... - confinement number, mode of delivery, blood group, and complication</i></p>
31	<p>What kinds of record keeping systems exist in the hospital/wards? Take examples of forms/templates if possible</p>	<p><i>See attached templates – same used throughout municipal system. Antenatal form, labour and delivery notes and discharge card.</i></p>
32	<p>Is there some kind of ‘Facility Data Summary Form’ ie. A form that records obstetric complications on a monthly basis? Request template for above</p>	<p>Yes X - <i>4 times a year data must be forwarded to census office and yearly records are kept in facility</i></p> <p>No</p>
33	<p>Who is responsible for ensuring that these records are accurately maintained?</p>	<p>State position/s: <i>Highest qualified staff on site</i></p>
34	<p>How many C-sections were performed over last 3 yrs? Note total deliveries for these periods if possible -full 12 month periods</p>	<p>Number performed: <i>Year 1998 Jan –Dec – 538 c-sections (5968 confinements) 149 forceps and 16 vacuum</i></p>

No	QUESTIONS	RESPONSES
35	<p>What number/percentage of C-sections are performed under general anesthetic or epidural/spinal? Clarify whether percentage or number: note data source</p>	<p><i>Prefer to use spinal unless contraindicated or fetal distress. Approx. 90% spinal</i></p>
36	<p>What percentage/number of C-sections performed in this hospital are elective? That is not emergency C-sections – performed before labour has begun and for which woman has been prepared .</p>	<p>Number/percentage (clarify) <i>Do elective sections if two previous LSCS, breech primi (no vaginal trials) or if big baby – if head not engaged at term in primi and x-ray pelvimetry indicates cephalopelvic disproportion then rather give c-section rather than trial labour</i></p> <p>On average annually (verbal estimate)</p>
37	<p>How many ‘emergency cases’ do you deal with on average each week? Emergency refers to a situation regarded as potentially life threatening by senior obstetrician – for which specialist medical attention is required and which cannot be handled by midwives and junior doctors alone.</p>	<p>Number: <i>About 15-19</i></p> <p>Details available? <i>this includes unbooked patients referred from other hospitals (verbal reply)</i></p>

No	QUESTIONS	RESPONSES				NOTES
Procedures, policies and guidelines						
38	<p>Which of the following procedures would you say are applicable to the management of labour in this hospital?</p> <ul style="list-style-type: none"> a) Use of enema b) Pubic shaving (for non C-section delivery) c) Use of intravenous infusion d) Use of prophylactic insertion of intravenous cannula e) Use of supine position during labour f) Rectal examination g) Xray pelvimetry h) Use of lithotomy position with or without strirups for delivery (probe if routine – why do they prefer this?) i) Sustained, directed bearing down movements (Valsalva manoeuvre) during second stage labour j) The use of oral tablets of ergometrine in the third stage of labour to prevent or control haemorrhage k) Lavage of the uterus after delivery l) Revision (manual exploration) of uterus after delivery m) The use of third stage oxytocic drug? n) Vertical caesarean cut (navel down) o) Horizontal caesarean cut p) Rhesus Blood Test (note when used) q) Episiotomy for first births r) Episiotomy for subsequent births (probe) <p>If routine for any group ask why – and probe explanation.</p> <ul style="list-style-type: none"> s) Use of magnesium sulphate for preeclampsia – drug of first choice? 	Routinely	Most of the time	Some of the time	Never	
				X		
		X		X		
		X		X		
				X		
				X		
		X				
		X				
					X	
			X			
					X	
		X				
		X				

No	QUESTIONS	RESPONSES	NOTES																
39	Is blood testing available on site or outside the hospital premises?	On site X Outside hospital (give details)																	
40	How long does it usually take to receive the results of a routine blood test (eg. Hb levels)? How long does it usually take to receive the results of a Rhesus Test?	<table border="0"> <tr> <td></td> <td>HB</td> <td>Rhesus</td> <td>Typing</td> </tr> <tr> <td>Minutes</td> <td>90</td> <td>90</td> <td>90</td> </tr> <tr> <td>Hours</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Days</td> <td></td> <td></td> <td></td> </tr> </table>		HB	Rhesus	Typing	Minutes	90	90	90	Hours				Days				<i>Not verified</i>
	HB	Rhesus	Typing																
Minutes	90	90	90																
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Days																			
41	In the case an emergency how long does it usually take to receive the results of a blood test (eg. Typing and Hb)	<table border="0"> <tr> <td></td> <td>HB</td> <td>Rhesus</td> <td>Typing</td> </tr> <tr> <td>Minutes</td> <td>15</td> <td></td> <td>15</td> </tr> <tr> <td>Hours</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Days</td> <td></td> <td></td> <td></td> </tr> </table> Comment on blood _____		HB	Rhesus	Typing	Minutes	15		15	Hours				Days				<i>Not verified</i>
	HB	Rhesus	Typing																
Minutes	15		15																
Hours																			
Days																			
42	Are blood testing facilities available on a 24 hour basis?	Yes X No (detail)																	
43	Are blood supplies available on a 24 hour basis?	Yes X No (detail)																	
44	Do you ask women who you believe to be at risk of a complication to arrange make blood available for her confinement?	Yes X No (detail)	Discourage transfusion where only 1 unit required																
45	Is anaesthesia (and someone to administer it) available on a 24 hour basis? Probe availability of anaesthetists	Yes X No (detail)																	

No	QUESTIONS	RESPONSES	NOTES
46	Is the baby routinely taken away from the mother directly after birth for any of the following?	Apgar checked by paediatrician/staff nurse Cleaning X Other reasons	
47	Is early (within first few hours of delivery) breastfeeding actively encouraged by staff? Probe about breastfeeding/priority placed on it etc and observe	Yes X No	(within 2 hours)
48	If yes, do you have any written policy guidelines available to staff about breastfeeding? Are they Baby Friendly certified?	Yes – not seen Yes – verified No <i>Baby friendly certified</i>	
49	Is there a trained member of staff responsible for aiding women with breastfeeding?	Yes (if so state position) _____ No X	<i>no specially appointed person – only labour and post natal staff nurses</i>
50	If yes what is the recommended length of stay for women who have had deliveries that are not considered complicated?	Recommended length of stay _____ 2-3 days	
51	In practice what is the average length of stay for a woman whose delivery was not considered complicated?	1 day 2-3 days X 4-5 days 6-8 days 9 days+	

No	QUESTIONS	RESPONSES	NOTES
52	In practice what is the average length of stay for a woman who has a c-section? use supporting information if available	3-5 days 6-8 days X 9-12 days 13-15 days 16 days+	
Post Natal Care			
53	On postnatal wards how often are women and their infants routinely examined by a doctor/paediatrician?	Once only Once a day X Twice a day Three+ times a day Every 4-6 hours Whenever necessary	<i>unless problem e.g. Hypertensive</i>
54	On postnatal wards how often are women and their infants examined by a midwife/anm?	Once only Once a day Twice a day Three times a day X Every 4-6 hours Whenever necessary	
55	Whose decision is it to allow women to be dschrged?	State position/s: <i>Either House surgeon or lecturer</i>	
56	Does the woman have to be examined by anyone particular before being discharged?	State position/s: <i>House surgeon</i>	

No	QUESTIONS	RESPONSES				NOTES
57	<p>On postnatal ward how often do midwives/anms</p> <p>Take women's temperatures?</p> <p>Inspect lochia?</p> <p>Feel uterine fundus?</p> <p>Check infant feeding patterns/problems?</p> <p>Check Hb levels?</p> <p>Check stitches?</p> <p>Take Blood Pressure</p>	<p>Routinely every 4 hrs</p> <p>X</p>	<p>Once a day</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p>	<p>About once during stay</p>	<p>Sometimes but not usually</p>	<p>Notes</p> <p><i>It was not possible to verify the responses to this question – not considered reliable</i></p>
58	<p>How much do you charge women for the following in Rupees?</p> <p>Ask to have see and keep copy of current price list</p>	<p>Food/drink 0</p> <p>Laundry 0</p> <p>Medication <i>Depends</i></p> <p>Use of bedn 0</p> <p>Routine examinations 0</p> <p>Blood testing 0</p> <p>Blood transfusion 0</p> <p>Anaesthesia 0</p> <p>Baby formula/cows milk 0</p> <p>X ray pelvimetry 50</p> <p>Sonography 50</p> <p>Other (specify)____ <i>After fifth day have to pay for food drink etc – otherwise no charge – bar 250 Rs fine for not agreeing to have sterilisation after delivery of third live child (previous two still alive)</i></p>				
59	<p>Are women encouraged to have a person or persons of their choice to support them during labour?</p>	<p>Yes</p> <p>No – if no, state reason given (e.g. not hospital policy) <i>not hospital person</i></p>				

No	QUESTIONS	RESPONSES	NOTES
60	Are women who have had a previous C-section actively considered for a subsequent vaginal delivery?	Yes, usually X No, not normally	
61	Are prophylactic antibiotics used for emergency c-sections?	Yes, always X No Sometimes Usually	
62	Are prophylactic antibiotics used for elective c-sections?	Yes, always X No Sometimes Usually	
63	For the induction of a primiparous woman with an unripe cervix do you usually manage this by prostaglandins or artificial rupture of the membranes or oxytocin? Tick all that apply or describe preferred process – which one first etc	Prostaglandins Artificial Rupture of the membranes Oxytocin	<i>Protocol – if posterior – unripe – use prostaglandins – if cervix open ARM then oxytocin</i>
64	When perineal trauma occurs what is the suturing method of first choice?	Subcuticular Don't know	<i>Vertical mattress – absorbable suture material</i>
65	What is your suture material of first choice?	Polyglycolic acid suture Catgut Other (specify) Chromic – catgut no. 1-0 Why is this so? <i>Freely available from Municipal corporation of greater Mumbai</i>	

No	QUESTIONS	RESPONSES	NOTES
66	<p>What do you encourage a women to do when in labour?</p> <p>Tick all that apply</p>	<p>Stay mobile Lie down (left lateral) Lie down (supine) Breathe Advise on pain relief Other (specify) <i>walk to toilet alone, lie down – left lateral – advise them to move</i></p>	
67	<p>What position to you encourage to be in for delivery?</p> <p>Probe – what if they want to deliver in a different position – do you advise otherwise?</p>	<p><i>Lie on back – why – advocated by doctors “easier for doctors”</i></p>	

Institutional Delivery – Municipal and Private Situation Analysis

- Whenever possible enter the source (even if there is more than one source) of your information.

Name of Hospital/Nursing Home _____ Shtabdi _____ Date _____

No	QUESTIONS	RESPONSES	NOTES
Deliveries			
1	<p>What is the average number of deliveries in hospital/ward X?</p> <p>Use last complete year March 1997-April 1998 as reference</p>	<p>Average number of deliveries.....</p> <p>Per week _____</p> <p>Per Month _____ 150-200</p> <p>Per Year _____</p> <p>(cross check with previous questions)</p>	
2	<p>What is the average percentage of births delivered by caesarean section in hospital/ward X?</p> <p>Use last complete year March 1997-April 1998 as reference</p>	<p>Average % per month</p> <p>Average % per year</p>	<i>Refer to hospital records</i>
Staff			
3	<p>Who is the person responsible for the overall running of the maternity wards/hospital?</p>	<p>Position _____ <i>Medical officer</i></p> <p>Name _____</p>	

No	QUESTIONS	RESPONSES	NOTES
4	<p>What is the total number staff employed by the hospital to work on the maternity ward per shift?</p>	<p>Number _____</p>	<p><i>Staff complement differ am and pm: in am 2 staff nurses, 2 sweepers and 1 ayabai in pm and night 1 staff nurse, 1 sweeper and 1 ayabai. There is 1 sister in charge of the maternity ward in the am in the pm there is only 1 sister in charge for the whole hospital. The following work 24 hour shifts: 1 registrar, 1 houseman, 1 honorary (in charge – not resident but ‘lose by’) and 1 paediatrician. No anaesthetists employed – they draw on a pool of 5-6 who work in private practice and pay them per case.</i></p>

No	QUESTION	RESPONSES			NOTES	
5	<p>Please give a break down of a normal compliment of staff on labour and delivery wards by grading, length of shift and monthly pay in Rs.</p> <p>If mixed in with post natal ward combine – but try and get an idea of how many are available to assist women in labour.</p>	<p>SISTER in CHARGE MIDWIVES</p> <p>ANMs STAFF NURSE HOUSE SURGEON REGISTRAR LECTURER HONORARY ASS. HONORARY ANAETHETISTS PAEDIATRICIAN RECEPTIONIST SWEEPERS</p> <p>AYABAIS MALE ATTENDANTS OTHERS?</p>	<p>NUMBER</p>	<p>NORMAL SHIFT</p> <p><i>1 for maternity ward in am and 1 for whole hospital for pm and night</i></p> <p><i>0</i></p> <p><i>2 in am (7am-3pm)</i></p> <p><i>1 in pm and night</i></p> <p><i>1</i></p> <p><i>1</i></p> <p><i>pool</i></p> <p><i>1</i></p> <p><i>2 in am 1 in pm/night</i></p> <p><i>ditto</i></p>	<p>MONTHLY PAY</p> <p>11-12000</p> <p>5-6000</p> <p>4100</p> <p>4400</p> <p>500</p>	

No	QUESTION	RESPONSES	NOTES
Infrastructure/Equipment			
6	In total, how many maternity beds are there in the building?	Examination room/s _____ 43 Waiting room/labour ward _____ 0 Delivery Room _____ 4 Operating Theatre _____ 2 Post Natal ward/s _____ 43 (<i>same as labour ward</i>) Private rooms _____ Room for cases of hypertension _____ 2 Total _____ 47	
7	Briefly describe physical layout of maternity wards? (eg. number of rooms, number of operating theatres, number of delivery rooms, private rooms) If possible draw brief sketch of layout	<i>Big room split into three areas one for labour, one for post natal and one for post op. Then next door just past staff desk delivery room with 4 marble beds attached to floor. Between labour ward and delivery ward there is a room with a bed in it ostensibly for use in special cases (hypertension etc) – otherwise used by staff for breaks/lunch. Opposite this room where ayabais prepare food.</i>	
8	Who do women usually see first when they arrive at the maternity wing?	State position/s: <i>staff nurse</i>	
9	Who is responsible for all new admissions?	<i>Honorary</i>	
10	Usually, who is the first person to examine a woman presenting at the maternity wing?	<i>Sister</i>	
11	Examination Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
12	Labour Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 0	

No	QUESTIONS	RESPONSES	NOTES
13	Delivery Room How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
14	Operating Theatre How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 1	
15	Post natal ward/rooms How many handbasins are there in this/these rooms?	Number of handbasins in room _____ 0	
16	Is there soap/disinfectant available at each handbasin? Select appropriate response	Yes, all of them X Yes, some of them Yes, only a few of them No, none of them	<i>There is only the one in the delivery room – yes soap</i>
17	Are there curtains/blinds that can be put around beds to maintain privacy during examination? Select appropriate response	Yes, enough for every bed Yes, enough for some beds Yes, but very few No, none at all X	
18	Are these curtains/blinds used for every examination? Take examination to mean then a women is in labour and she is being physically examined (either internally or externally) by a member of staff)	No, not for every examination X Yes, it appears so	<i>No curtains</i>

No	QUESTIONS	RESPONSES	NOTES
19	<p>How many toilets are there available to women in labour?</p> <p>How many toilets are there available to women in post natal wards</p>	<p>Number of toilets</p> <p>In labour _____ 1</p> <p>Post natal _____ 2-3</p>	<p>1 for women in delivery room 2-3 for other women off ward near wash area for patients</p>
20	<p>How would you describe the toilets?</p> <p>Select appropriate responses</p>	<p>Very Quite Average Poor</p> <p>Convenient [very for delivery - not for labour]</p> <p>Clean X</p>	
21	<p>How many handbasins are there attached to the toilets?</p>	Total number of handbasins	
22	<p>Do all the handbasins have soap easily available?</p> <p>Select appropriate response</p>	<p>Yes</p> <p>No, only a few X</p> <p>No, none at all</p>	
23	<p>Who is primarily responsible for the running of the labour room/s?</p>	State position/s: Sister in charge	
24	<p>Are all beds in labour room/delivery room accessible from both sides?</p> <p>Select appropriate responses</p>	<p>Labour Room Delivery Room</p> <p>Yes, all of them X X</p> <p>Yes, some of them</p> <p>Yes, but only a few</p> <p>No, none at all (one side only)</p>	

No	QUESTIONS	RESPONSES	NOTES
25	<p>How would you rate the level of privacy afforded a woman in labour? (i.e. well-shielded from other women during labour ,if desired, vs no means of covering/providing private space for labouring woman)</p> <p>Select appropriate response</p>	<p>Good Reasonable Not very good Poor X</p>	
Delivery Room and Equipment			
26	<p>Is the delivery room the same room as the labour room?</p> <p>Select appropriate response</p>	<p>Yes No X Sometimes</p>	

Equipment Roster			
Question 27	CHECK EQUIPMENT AVAILABLE FOR HOSPITAL STAFF (if not able to do this in detail run through list with staff member responsible for stock checks and get an idea if usually in stock, no problem with supplies, sometimes problems with supplies or not kept in stock)	QUANTITY/UNITS Usually in stock No supply problems Occasional supply problems Frequent supply problems Not routinely kept in stock	COMMENTS eg. Stocks low/broken/poor quality/visibly not clean/sterile
Equipment	a) Vacuum extractor b) IV infusion sets c) IV fluids d) Ovum forceps e) Vaginal speculum f) Artery forceps g) Needles h) Sutures i) Syringes j) Scissors k) Curette l) Sphygmomanometer m) Suction equipment <small>Note how easily accessible m, n & o are in different areas</small> n) Defibrillator o) Intubator equipment	a) 1 b) usually c) yes d) 2 e) 2 f) 6 g) yes h) yes i) yes j) 3 suture cutting, 2 for episiotomy k) 1 l) 2 m) 0 n) 1 o)	a) b) IV metrogyl – problem with supplies at times temporary lack of it c) d) e) f) g) h) catgut 1.0 i) disposable j) k) l) m) n) o)

TYPE	EQUIPMENT AVAILABLE FOR HOSPITAL STAFF	QUANTITY/UNITS	COMMENTS
Key Drugs	a) Oxytocics b) Anticonvulsants c) Procaine Penicillin d) Crystalline Penicillin e) Gentamycin f) Metronidazole g) Ampicillin h) Local anaesthetics i) General anaesthetics j) Oxygen k) Adrenaline l) Epinephine	a) <i>generally – drip</i> b) <i>outside</i> c) <i>if on the shelf</i> d) <i>if on the shelf</i> e) <i>from outside</i> f) <i>generally – but from outside sometimes</i> g) <i>yes</i> h) <i>yes</i> i) <i>most available</i> j) <i>yes</i> k) <i>yes</i> l) <i>do not use</i>	a) b) <i>use magnesium sulphate but send relative to pharmacy (not open 24 hours)</i> c) d) e) f) g) <i>basic antibiotic used – need to develop stock of this and other two – residents usually have emergency stores</i> h) i) j) <i>once in a while must go and get some</i> k) l)
Laboratory Equipment	a) Microscope b) Test-tubes c) Slides	a) <i>yes</i> b) <i>yes</i> c) <i>yes</i>	a) b) c)
Blood Bank	a) Blood bags b) Anti-sera c) Storage capacity	a) <i>Not on site – have refrigeration in case of elective surgery</i> b) c)	a) b) c)
Operating Theatre	a) Caesarean section b) Laparotomy set c) Neo-natal intubation set	a) <i>yes</i> b) <i>yes</i> c) <i>yes</i>	

TYPE	COMMENTS
<p>Sterilisation Procedure Note procedure –delays in getting sterile equipment back? – enough sets?</p>	
<p>Blood Supplies Briefly describe stock/procedures for replenishing supplies etc</p>	<p><i>Briefly describe stock/procedures for replenishing supplies etc. Staff are afraid of bleeds as no blood supplies on site, rely on private blood bank near Rajawadi (problem of traffic, cost and opening hours). With case of high risk they can reserve it in advance and they have refrigeration for elective surgery.</i></p>

No	QUESTIONS	NOTES
Management Information System Stationary/Forms		
28	<p>What information is routinely collected and stored by the hospital about each admission/delivery?</p> <p><i>If possible copy forms (NB: information here is replicated from proformas used at Shtabdi, these are standard for all municipal hospitals)</i></p>	<p>Detail (note time stored eg. Past five years) Booked/unbooked very often where no Date of admission ___intervntion labour notes consist of FTND (full term normal delivery) with no other information about labor or delivery Time of admission Name of woman Address Age in completed years Parity Number of children alive Length of labourComplication –diagnosis Treatment given Surgical intervention on delivery - Forceps/vacuum extractor/c-section/episiotomy Treatment given Weight of baby Condition of baby at birth Condition of mother at birth Sex of baby Condition of perineum Post-natal complications</p>
29	<p>Does the facility maintain patient records throughout labour and delivery?</p> <p>Request tenplate as below - detail what is required by hospital and/or what is done,observe examples</p>	<p>Yes, comprehensive Yes, basic X Only in complicated cases No, not routinely</p>

No	QUESTIONS	RESPONSES
30	<p>Does the facility keep a copy of these records or give them to the woman on discharge? Select as appropriate</p>	<p>Yes, keeps a copy X Yes gives them to the woman X Both Neither</p> <p><i>Notes: Gives woman discharge card</i></p>
31	<p>What kinds of record keeping systems exist in the hospital/wards? Take examples of forms/templates if possible</p>	<p><i>Refer to Q28</i></p>
32	<p>Is there some kind of 'Facility Data Summary Form' ie. A form that records obstetric complications on a monthly basis? Request template for above</p>	<p>Yes X No</p>
33	<p>Who is responsible for ensuring that these records are accurately maintained?</p>	<p>State position/s: No one</p>
34	<p>How many C-sections were performed over last 3 yrs? Note total deliveries for these periods if possible -full 12 month periods</p>	<p>7%</p>
35	<p>What number/percentage of C-sections are performed under general anesthetic or epidural/spinal? Clarify whether percentage or number: note data source</p>	<p><i>Mostly spinal</i></p>
36	<p>What percentage/number of C-sections performed in this hospital are elective? That is not emergency C-sections – performed before labour has begun and for which woman has been prepared .</p>	<p>Number/percentage (clarify) On average annually (verbal estimate) _____ <i>Elective when high risk of CPD, if primi breech unless woman presents fully dilated, or two previous c-sections</i></p>

No	QUESTIONS	RESPONSES
37	<p>How many 'emergency cases' do you deal with on average each week?</p> <p>Emergency refers to a situation regarded as potentially life threatening by senior obstetrician – for which specialist medical attention is required and which cannot be handled by midwives and junior doctors alone.</p>	<p>Number</p> <p><i>Refer to hospital records</i></p> <p>Details available?</p>

No	QUESTIONS	RESPONSES				NOTES
Procedures, policies and guidelines						
38	<p>Which of the following procedures would you say are applicable to the management of labour in this hospital?</p> <p>a) Use of enema</p> <p>b) Pubic shaving (for non C-section delivery)</p> <p>c) Use of intravenous infusion</p> <p>d) Use of prophylactic insertion of intravenous cannula</p> <p>e) Use of supine position during labour</p> <p>f) Rectal examination</p> <p>g) Xray pelvimetry</p> <p>h) Use of lithotomy position with or without strirrups for delivery (probe if routine – why do they prefer this?)</p> <p>i) Sustained, directed bearing down movements (Valsalva manoeuvre) during second stage labour</p> <p>j) The use of oral tablets of ergometrine in the third stage of labour to prevent or control haemorrhage</p> <p>k) Lavage of the uterus after delivery</p> <p>l) Revision (manual exploration) of uterus after delivery</p> <p>m) The use of third stage oxytocic drug?</p> <p>n) Vertical caesarean cut (navel down)</p> <p>o) Horizontal caesarean cut</p> <p>p) Rhesus Blood Test (note when used)</p> <p>q) Episiotomy for first births</p> <p>r) Episiotomy for subsequent births (probe)</p> <p>If routine for any group ask why – and probe explanation.</p> <p>s) Use of magnesium sulphate for preeclampsia – drug of first choice?</p>	Routinely	Most of the time	Some of the time	Never	
		X				
		X				
			X			
				X		
				X		
					X	
		X				
			X			
		X				
				X		
			X			
		X				
					X	
		X				
				X		

No	QUESTIONS	RESPONSES	NOTES
39	Is blood testing available on site or outside the hospital premises?	On site X Outside hospital (give details)	<i>basic tests– until 6pm</i>
40	How long does it usually take to receive the results of a routine blood test (eg. Hb levels)? How long does it usually take to receive the results of a Rhesus Test?	HB Rhesus Typing Minutes 30 Hours Days	<i>Not verified</i>
41	In the case an emergency how long does it usually take to receive the results of a blood test (eg. Typing and Hb)	HB Rhesus Typing Minutes 30 Hours Days Comment on blood _____	<i>Not verified</i>
42	Are blood testing facilities available on a 24 hour basis?	Yes No (detail) X	<i>only until 6pm after that either send test outside of transfer patient</i>
43	Are blood supplies available on a 24 hour basis?	Yes X No (detail) X	<i>only until 6pm after that either send test outside of transfer patient</i>
44	Do you ask women who you believe to be at risk of a complication to arrange make blood available for her confinement?	Yes X No	

No	QUESTIONS	RESPONSES	NOTES
45	<p>Is anaesthesia (and someone to administer it) available on a 24 hour basis?</p> <p>Probe availability of anaesthetists</p>	<p>Yes</p> <p>No (detail) X</p>	<p><i>pool of 5-6 employed in private practice – charge per call out. Difficult to access particularly at night</i></p>
46	<p>Is the baby routinely taken away from the mother directly after birth for any of the following?</p>	<p>Apgar checked by paediatrician/staff nurse</p> <p>Cleaning X</p> <p>Other reasons X</p>	<p><i>suturing – shifted out once sutured unless problem</i></p>
47	<p>Is early (within first few hours of delivery) breastfeeding actively encouraged by staff?</p> <p>Probe about breastfeeding/priority placed on it etc and observe</p>	<p>Yes X</p> <p>No</p>	<p><i>Staff nurses – more embarrassed with male staff Many Muslims – not a problem – once in a while woman wants to give baby cows milk or honey</i></p>
48	<p>If yes, do you have any written policy guidelines available to staff about breastfeeding?</p> <p>Are they Baby Friendly certified?</p>	<p>Yes – not seen</p> <p>Yes – verified</p> <p>No</p> <p><i>Baby friendly certified</i></p>	
49	<p>Is there a trained member of staff responsible for aiding women with breastfeeding?</p>	<p>Yes (if so state position) _____</p> <p>No X</p>	<p><i>all/most midwives and ANMs are responsible for this</i></p>

No	QUESTIONS	RESPONSES	NOTES
50	If yes what is the recommended length of stay for women who have had deliveries that are not considered complicated?	Recommended length of stay _____ 3 days for primis with episiotomy and multi 2 days and c-section at least 7 days	
51	In practice what is the average length of stay for a woman whose delivery was not considered complicated?	1 day 2-3 days X 4-5 days 6-8 days 9 days+	Verified using case notes and exit interviews
52	In practice what is the average length of stay for a woman who has a c-section? use supporting information if available	3-5 days X 6-8 days 9-12 days 13-15 days 16 days+	Verified using case notes and exit interviews
Post Natal Care			
53	On postnatal wards how often are women and their infants routinely examined by a doctor/paediatrician?	Once only Once a day Twice a day X Three+ times a day Every 4-6 hours Whenever necessary	
54	On postnatal wards how often are women and their infants examined by a midwife/anm?	Once only Once a day Twice a day Three times a day Every 4-6 hours Whenever necessary	
55	Whose decision is it to allow women to be discharged?	State position/s <i>Resident doctor or honorary</i>	

No	QUESTIONS	RESPONSES				NOTES
56	Does the woman have to be examined by anyone particular before being discharged?	State position/s <i>Resident doctor</i>				
57	On postnatal ward how often do midwives/anms Take women's temperatures? Inspect lochia? Feel uterine fundus? Check infant feeding patterns/problems? Check Hb levels? Check stitches? Take Blood Pressure	Routinely every 4 hrs	Once a day	About once during stay	Sometimes but not usually	<i>It was not possible to verify the responses to this question – not considered reliable</i>
58	How much do you charge women for the following in Rupees? Ask to have see and keep copy of current price list	Food/drink Laundry Medication <i>prostaglandins, if shortage antibiotics, injectables, blood</i> Use of bed Routine examinations Blood testing Blood transfusion Anaesthesia Baby formula/cows milk X ray pelvimetry Sonography <i>If their machine breaks down refer to private clinics (their machine evidently broken at time of visit)</i> Other (specify) <i>Fine for third delivery if previous two alive and woman refuses to be sterilised</i>				

No	QUESTIONS	RESPONSES	NOTES
59	Are women encouraged to have a person or persons of their choice to support them during labour?	Yes No – if no, state reason given (eg. not hospital policy) : <i>no not hospital policy</i>	
60	Are women who have had a previous C-section actively considered for a subsequent vaginal delivery?	Yes, usually X No, not normally	<i>unless indication known (e.g. CPD)</i>
61	Are prophylactic antibiotics used for emergency c-sections?	Yes, always X No Sometimes Usually	
62	Are prophylactic antibiotics used for elective c-sections?	Yes, always X No Sometimes Usually	<i>tell women to bring them with them – In fact all women are given prescription for antibiotics even after normal delivery (5 days) – even if no tear.</i>
63	For the induction of a primiparous woman with an unripe cervix do you usually manage this by prostaglandins or artificial rupture of the membranes or oxytocin? Tick all that apply or describe preferred process – which one first etc	Prostaglandins Artificial Rupture of the membranes Oxytocin	<i>Protocol – if posterior – unripe – use prostaglandins – if cervix open ARM then oxytocin</i>
64	When perineal trauma occurs what is the suturing method of first choice?	Subcuticular Don't know	<i>Vertical mattress – absorbable suture material</i>

No	QUESTIONS	RESPONSES	NOTES
65	What is your suture material of first choice?	Polyglycolic acid suture Catgut Other (<i>specify</i>) <i>Chromic – catgut no. 1-0</i> Why is this so? <i>Freely available from Municipal corporation of greater Mumbai</i>	
66	What do you encourage a women to do when in labour? Tick all that apply	Stay mobile Lie down (left lateral) Lie down (supine) Breathe Advise on pain relief Other (<i>specify</i>) <i>walk to toilet alone, lie down – left lateral – advise them to move</i>	
67	What position to you encourage to be in for delivery? Probe – what if they want to deliver in a different position – do you advise otherwise?	<i>Lie on back – why – advocated by doctors “easier for doctors”</i>	

**MUMBAI SAFE MOTHERHOOD STUDY
PART III**

HOSPITAL RECORD SHEET

MUMBAI SAFE MOTHERHOOD STUDY HOSPITAL RECORD

Hospital Name: Chembur
Year of Record: 1996/97/98

	1996	1997	1998
Totals			
Confinements	2518	2732	3079
Deliveries	1840	2326	2394
Complications			
Number of deliveries			
Booked			
Unbooked			
Total			
Transferred deliveries			
Booked			
Unbooked			
Age of mother			
< 20			
20 – 35			
35 >			
Religion			
Hindu			
Muslim			
Buddhist/ Scheduled caste			
Principal attendant			
Midwife			
Staff nurse			
Doctor			
Sex of child			
Male	943	1298	1245
Female	880	1072	1159
Birth weight			
< 2.5kg			
2.5kg +			
Parity			
Prima-gravida	414	736	650
Multi-gravida	1326	1550	1744
Multi Births			
Twins	6	2	20
Total number			
Term			
Full-term			
Pre-term	44	62	66

Delivery/labour type			
Normal	1723		
Complicated labour	125		
Referred patients			
Number		18	
Delivery method			
Emergency lower segment cesarian section			
Elective lower segment cesarian section			
Forceps			
Vacuum			
Vertex			
Breech		26	20
Episiotomy	431	507	564
Normal			
Abortions			
Complete			
Total			
Required blood transfusion			
Yes			
Maternal deaths			
During delivery			
Within the 6 weeks after delivery			
Within the 20 weeks prior to delivery			
Total			
Infant deaths			
Neo-natal 0-6			
Neo-natal 2-26			
Total neo-natal	9	7	12
Medically terminated preg'			
During delivery			
Macerated still birth	9	9	7
Fresh still birth	10	10	10
Still births			
Complications			
Haemorrhage PP/AP			
Prolonged/obstructed labour	6	5	
Cephalo – pelvic disproportion	1		
Post-partum sepsis			
Pre-eclampsia			
Eclampsia			

Ectopic pregnancy			
Ruptured uterus			
Anaemia	14		
Toxemia			
High BP (ANC & PIH)	126	58	
PPH/Low BP	8		
Agpar <7			
Hand prolapse	1		
Face	5		
Bleeding per vagina			
Abnormal delivery	7		
Fever patients		12	
Abnormal baby		13	30
Awaiting report			
Abortion related			
Complete curettage			
Contraception			
Tubal ligation			
Copper T			
External deliveries			
Referrals			
Rickshaws	15	5	
External transfers			
Women	30	38	69
Babies	16	23	27

MUMBAI SAFE MOTHERHOOD STUDY HOSPITAL RECORD

Hospital Name: Rajawadi

Year of Record: 1995-96

	April – June	July - Sept	Oct – Dec	Jan – Mar
Totals				
Confinements	1675	1755	1659	1291
Deliveries	1802	1494	1503	1193
Complications				
Number of deliveries				
Booked				
Unbooked				
Total				
Transferred deliveries				
Booked				
Unbooked				
Age of mother				
< 20				
20 – 35				
35 >				
Religion				
Hindu				
Muslim				
Buddhist/ Scheduled caste				
Principal attendant				
Midwife				
Staff nurse				
Doctor				
Sex of child				
Male				
Female				
Birth weight				
< 2.5kg	152	195	140	83
2.5kg +	1374	1315	1341	960
Parity				
Prima-gravida				
Multi-gravida				
Multi Births				
Twins				
Total number				
Term				
Full-term				
Pre-term				

Delivery/labour type				
Normal				
Complicated labour				
Referred patients				
Number				
Delivery method				
Emergency lower segment cesarian section				100
Elective lower segment cesarian section				
Forceps				
Vacuum				
Vertex				
Breech				
Episiotomy				
Normal				
Abortions				
Complete				
Total				
Required blood transfusion				
Yes				58
Maternal deaths				
During delivery				
Within the 6 weeks after delivery	1	5	2	0
Within the 20 weeks prior to delivery	0	1	1	3
Total	1	6	6	3
Infant deaths				
Neo-natal 0-6	98	50	25	40
Neo-natal 2-26	11	16	10	17
Total neo-natal				
Medically terminated preg'	94	87	77	106
During delivery				
Macerated still birth				
Fresh still birth				
Still births	53	90	59	61
Complications				
Haemorrhage PP/AP	0	2	2	1
Prolonged/obstructed labour				
Post-partum sepsis				
Cephalo – pelvic disproportion				
Pre-eclampsia				
Eclampsia				

Ectopic pregnancy				
Ruptured uterus				
Anaemia			1	
Toxemia				
High BP (ANC & PIH)				
PPH/Low BP				
PPH/Low BP				
Hand prolapse				
Agpar <7				
Face				
Abnormal delivery				
Fever patients				
Abnormal baby				
Awaiting report				
Abortion related				
Complete curettage				
Contraception				
Tubal ligation				
Copper T				
External deliveries				
Referrals				
Rickshaws				
External transfers				
Women				
Babies				

MUMBAI SAFE MOTHERHOOD STUDY HOSPITAL RECORD

Hospital Name: Rajawadi
Year of Record: 1996-97

	April – June	July - Sept	Oct – Dec	Jan – Mar
Totals				
Confinements	1398	1696	1778	1470
Deliveries	1198	1510	1631	1190
Complications	20			47
Number of deliveries				
Booked				
Unbooked				
Total				
Transferred deliveries				
Booked				
Unbooked				
Age of mother				
< 20				
20 – 35				
35 >				
Religion				
Hindu				
Muslim				
Buddhist/ Scheduled caste				
Principal attendant				
Midwife				
Staff nurse				
Doctor				
Sex of child				
Male				
Female				
Birth weight				
< 2.5kg	111	137	128	96
2.5kg +	1080	1316	1450	1131
Parity				
Prima-gravida				
Multi-gravida				
Multi Births				
Twins				
Total number				
Term				
Full-term				
Pre-term				

Delivery/labour type				
Normal				
Complicated labour				
Referred patients				
Number				
Delivery method				
Emergency lower segment cesarian section	108	125	131	123
Elective lower segment cesarian section				
Forceps				
Vacuum				
Vertex				
Breech				
Episiotomy				
Normal				
Abortions				
Complete				
Total				
Required blood transfusion				
Yes	113	72	65	65
Maternal deaths				
During delivery				
Within the 6 weeks after delivery	0	1	3	0
Within the 20 weeks prior to delivery	3	0	0	1
Total	3	1	3	1
Infant deaths				
Neo-natal 0-6	31	51	42	32
Neo-natal 2-26	18	9	10	5
Total neo-natal				
Medically terminated preg'	95	80	137	184
During delivery				
Mascerated still birth				
Fresh still birth				
Still births	61	76	68	65
Complications				
Haemorrhage PP/AP	2	1	2	0
Prolonged/obstructed labour				
Cephalo – pelvic disproportion				
Post-partum sepsis				
Pre-eclampsia				
Eclampsia				

Ectopic pregnancy				
Ruptured uterus				
Anaemia	0	0	1	0
Toxemia	0	0	0	0
High BP (ANC & PIH)				
PPH/Low BP				
Agpar <7				
Hand prolapse				
Face				
Bleeding per vagina				
Abnormal delivery				
Fever patients				
Abnormal baby				
Awaiting report				
Abortion related				
Complete curettage				
Contraception				
Tubal ligation				
Copper T				
External deliveries				
Referrals				
Rickshaws				
External transfers				
Women				
Babies				
External referrals				
Cc				
Msb				
Fsb				

MUMBAI SAFE MOTHERHOOD STUDY HOSPITAL RECORD

Hospital Name: Rajawadi
Year of Record: 1997-98

	April – June	July - Sept	Oct – Dec	Jan – Mar
Totals				
Confinements	1442	1562	1852	1674
Deliveries	1253	1393	1701	1421
Complications	3	11	15	20
Number of deliveries				
Booked				
Unbooked				
Total				
Transferred deliveries				
Booked				
Unbooked				
Age of mother				
< 20				
20 – 35				
35 >				
Religion				
Hindu				
Muslim				
Buddhist/ Scheduled caste				
Principal attendant				
Midwife				
Staff nurse				
Doctor				
Sex of child				
Male				
Female				
Birth weight				
< 2.5kg	86	98	114	111
2.5kg +	1160	1295	1592	1057
Parity				
Prima-gravida				
Multi-gravida				
Multi Births				
Twins				
Total number				
Term				
Full-term				
Pre-term				

Delivery/labour type				
Normal				
Complicated labour				
Referred patients				
Number				
Delivery method				
Emergency lower segment cesarian section	153	134	149	159
Elective lower segment cesarian section				
Forceps				
Vacuum				
Vertex				
Breech				
Episiotomy				
Normal				
Abortions				
Complete				
Total				
Required blood transfusion				
Yes	69	76	107	76
Maternal deaths				
During delivery	0	0	5	0
Within the 6 weeks after delivery	2	1	0	4
Within the 20 weeks prior to delivery	0	0	5	1
Total	2	1	5	5
Infant deaths				
Neo-natal 0-6	39	66	60	32
Neo-natal 2-26	6	6	6	5
Total neo-natal				
Medically terminated preg'	161	129	75	165
During delivery				
Macerated still birth				
Fresh still birth				
Still births	49	65	86	68
Complications				
Haemorrhage PP/AP	2	1	3	2
Prolonged/obstructed labour				
Cephalo – pelvic disproportion				
Post-partum sepsis				
Pre-eclampsia				
Eclampsia				

Ectopic pregnancy				
Ruptured uterus				
Anaemia	0	0	0	1
Toxemia	0	0	0	1
High BP (ANC & PIH)				
PPH/Low BP				
Agpar <7				
Hand prolapse				
Face				
Bleeding per vagina				
Abnormal delivery				
Fever patients				
Abnormal baby				
Awaiting report				
Abortion related				
Complete curettage				
Contraception				
Tubal ligation				
Copper T				
External deliveries				
Referrals				
Rickshaws				
External transfers				
Women				
Babies				

MUMBAI SAFE MOTHERHOOD STUDY HOSPITAL RECORD

Hospital Name: Rajawadi
Year of Record: 1998-99

	April – June	July - Sept	Oct – Dec	Jan	Feb	Mar
Totals						
Confinements	1409	1339	1374	390	344	413
Deliveries	1179	1226	1445			
Complications	1	2	3			
Number of deliveries						
Booked						
Unbooked						
Total						
Transferred deliveries						
Booked						
Unbooked						
Age of mother						
< 20						
20 – 35						
35 >						
Religion						
Hindu						
Muslim						
Buddhist/ Scheduled caste						
Principal attendant						
Midwife						
Staff nurse						
Doctor						
Sex of child						
Male						
Female						
Birth weight						
< 2.5kg	101	106	109			
2.5kg +	1091	1145	1100			
Parity						
Prima-gravida				128	145	158
Multi-gravida				154	199	259
Multi Births						
Twins				48	7	2
Total number						
Term						
Full-term				262	208	344
Pre-term				47	244	25

Delivery/labour type						
Normal						
Complicated labour						
Referred patients						
Number						
Delivery method						
Emergency lower segment cesarian section	80	116	98	36	51	52
Elective lower segment cesarian section				9	6	8
Forceps				9	6	8
Vacuum				5	4	4
Vertex						
Breech				11	6	8
Episiotomy						
Normal						
Abortions						
Complete				4	5	7
Total						
Required blood transfusion						
Yes	77	66	103			
Maternal deaths						
During delivery	0	0	0			
Within the 6 weeks after delivery	2	2	0			
Within the 20 weeks prior to delivery	0	1	1			
Total	2	3	1			
Infant deaths						
Neo-natal 0-6	52	54	40			
Neo-natal 2-26	7	8	6	3	0	0
Total neo-natal						
Medically terminated preg'	122	56	88			
During delivery						
Mascerated still birth				14	9	8
Fresh still birth				9	8	8
Still births						
Complications						
Haemorrhage PP/AP	1	3	1			
Prolonged/obstructed labour						
Cephalo – pelvic disproportion						
Post-partum sepsis						
Pre-eclampsia						
Eclampsia						

Ectopic pregnancy						
Ruptured uterus						
Anaemia						
Toxemia	1					
High BP (ANC & PIH)						
PPH/Low BP						
Agpar <7						
Hand prolapse						
Face						
Bleeding per vagina				34	23	44
Abnormal delivery						
Fever patients						
Abnormal baby						
A waiting report						
Abortion related						
Complete curettage				52	37	70
Contraception						
Tubal ligation						
Copper T						
External deliveries						
Referrals						
Rickshaws						
External transfers						
Women						
Babies						

MUMBAI SAFE MOTHERHOOD STUDY HOSPITAL RECORD

Hospital Name: Shtabdi
Year of Record: 1995-96

	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Totals												
Confinements	164	195	169	207	208	239	258	233	145	166	144	171
Deliveries												
Complications												
Number of deliveries												
Booked												
Unbooked												
Total												
Transferred deliveries												
Booked												
Unbooked												
Age of mother												
< 20												
20 – 35												
35 >												
Religion												
Hindu												
Muslim												
Buddhist/ Scheduled caste												
Principal attendant												
Midwife												
Staff nurse												
Doctor												
Sex of child												
Male	66	91	72	90	87	93	102	75	58	73	79	98
Female	95	105	97	112	113	140	153	154	84	90	62	71
Birth weight												
< 2.5kg												
2.5kg +												
Parity												
Prima-gravida	56	54	39	58	45	54	66	58	15	28	29	59
Multi-gravida	108	141	130	149	163	185	192	175	130	138	115	112
Multi Births												
Twins												
Total number												
Term												
Full-term	126	176	158	188	179	200	235	200	138	146	129	149
Pre-term	16	5	4	10	6	6	4	2	1	2	54	5

Delivery/labour type													
Normal													
Complicated labour													
Referred patients													
Number													
Delivery method													
Emergency lower segment cesarian section	10	6	3	3	6	11	11	13	2	4	4	8	
Elective lower segment cesarian section	2	1	0	0	2	3	2	3	0	1	0	1	
Forceps	3	1	0	0	5	6	8	5	0	5	1	4	
Vacuum	4	4	2	0	0	1	0	2	0	1	2	1	
Vertex													
Breech	0	0	2	1	0	2	1	4	2	3	0	0	
Episiotomy													
Normal													
Abortions													
Complete	1	0	0	1	0	0	0	1	0	0	1	0	
Total													
Required blood transfusion													
Yes													
Maternal deaths													
During delivery													
Within the 6 weeks after delivery													
Within the 20 weeks prior to delivery													
Total	0	0	0	0	0	0	0	0	0	0	0	0	
Infant deaths													
Neo-natal 0-6													
Neo-natal 2-26													
Total neo-natal	4	10	3	4	11	7	2	2	5	7	10	3	
Medically terminated preg'	46	25	25	27	20	31	34	33	14	33	31	36	
During delivery													
Macerated still birth	4	8	6	9	6	2	8	6	7	5	1	5	
Fresh still birth	3	0	0	1	3	2	0	0	0	0	0	0	
Still births													
Complications													
Haemorrhage													
PP/AP													
Prolonged/obstructed labour													
Post-partum sepsis													
Cephalo – pelvic disproportion													
Pre-eclampsia													
Eclampsia													
Ectopic pregnancy													
Ruptured uterus													

Anaemia												
Toxemia												
High BP (ANC & PIH)												
PPH/Low BP												
Agpar <7												
Hand prolapse												
Face												
Bleeding per vagina												
Abnormal delivery												
Fever patients												
Abnormal baby												
Awaiting report												
Abortion related	0	0	1	0	0	1	0	0	0	1	0	0
Complete curettage	19	12	12	13	11	9	9	10	0	0	0	10
Contraception												
Tubal ligation												
Copper T												
External deliveries												
Referrals												
Rickshaws												
External transfers												
Women												
Babies												

MUMBAI SAFE MOTHERHOOD STUDY HOSPITAL RECORD

Hospital Name: Shtabdi
Year of Record: 1996-97

	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Totals												
Confinements	164	195	169	207	208	239	258	233	145	166	144	171
Deliveries												
Complications												
Number of deliveries												
Booked												
Unbooked												
Total												
Transferred deliveries												
Booked												
Unbooked												
Age of mother												
< 20												
20 – 35												
35 >												
Religion												
Hindu												
Muslim												
Buddhist/ Scheduled caste												
Principal attendant												
Midwife												
Staff nurse												
Doctor												
Sex of principal attendant												
Male	66	91	72	90	87	93	102	75	58	73	79	98
Female	95	105	97	112	113	140	153	154	84	90	62	71
Birth weight												
< 2.5kg												
2.5kg +												
Parity												
Prima-gravida	56	54	39	58	45	54	66	58	15	28	29	59
Multi-gravida	108	141	130	149	163	185	192	175	130	138	115	112
Multi Births												
Twins												
Total number												
Term												
Full-term	126	176	158	188	179	200	235	200	138	146	129	149
Pre-term	16	5	4	10	6	6	4	2	1	2	5	5

Delivery/labour type												
Normal												
Complicated labour												
Referred patients												
Number												
Delivery method												
Emergency lower segment cesarian section	10	6	3	3	6	11	11	13	2	4	4	8
Elective lower segment cesarian section	2	1	0	0	2	3	2	3	0	1	0	1
Forceps	3	1	0	0	5	6	8	5	0	5	1	4
Vacuum	4	4	2	0	0	1	0	2	0	1	2	1
Vertex												
Breech	0	0	2	1	0	2	1	4	2	3	0	0
Episiotomy												
Normal												
Abortions												
Complete	0	1	0	0	1	2	0	3	0	2	0	1
Total												
Required blood transfusion												
Yes												
Maternal deaths												
During delivery												
Within the 6 weeks after delivery												
Within the 20 weeks prior to delivery												
Total	0	1	0	0	0	1	0	0	1	0	0	0
Infant deaths												
Neo-natal 0-6												
Neo-natal 2-26												
Total neo-natal	0	1	1	10	7	2	4	2	3	10	5	7
Medically terminated preg'	45	25	27	15	16	30	37	31	36	26	33	24
During delivery												
Mascerated still birth	4	8	6	9	6	2	8	6	7	5	1	5
Fresh still birth	0	1	0	1	0	0	2	0	1	0	1	1
Still births												
Complications												
Haemorrhage												
PP/AP												
Prolonged/obstructed labour												
Post-partum sepsis												
Cephalo – pelvic disproportion												
Pre-eclampsia												
Eclampsia												

Ectopic pregnancy												
Ruptured uterus												
Anaemia												
Toxemia												
High BP (ANC & PIH)												
PPH/Low BP												
Agpar <7												
Hand prolapse												
Face												
Bleeding per vagina												
Abnormal delivery												
Fever patients												
Abnormal baby												
Awaiting report												
Abortion related	0	1	0	0	0	1	2	0	0	0	1	0
Complete curettage	16	14	17	14	11	6	14	8	13	15	11	22
Contraception												
Tubal ligation												
Copper T												
External deliveries												
Referrals												
Rickshaws												
External transfers												
Women												
Babies												

MUMBAI SAFE MOTHERHOOD STUDY HOSPITAL RECORD

Hospital Name: Shtabdi

Year of Record: 1997 - 98

	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Totals												
Confinements	180	200	187	190	239	247	228	138				
Deliveries	180	200	187	190	239	247	228	138				
Complications												
Number of deliveries												
Booked	167	184	1510	172	209	227	204	125				
Unbooked	13	16	37	18	30	20	24	13				
Total												
Transferred deliveries												
Booked												
Unbooked												
Age of mother												
< 20	6	9	8	8	10	15	11	12				
20 - 35	170	189	173	181	225	239	217	136				
35 >	4	2	6	1	4	3	0	0				
Religion												
Hindu	124		143		184							
Muslim	49		35		40							
Buddhist/ Scheduled caste	7		12		4							
Principal attendant												
Midwife												
Staff nurse	163			176			202					
Doctor	17			14			26					
Sex of child												
Male	73	93	103	83	94	106	103	55				
Female	108	104	74	107	143	138	116	80				
Birth weight												
< 2.5kg	100	103	118	141	129	134	127	80				
2.5kg +	83	93	72	51	112	113	101	58				
Parity												
Prima-gravida	62		64	57	64	59	43	33				
Multi-gravida	118		123	133	175	188	185	105				
Multi Births												
Twins												
Total number	3	3	2	0	2	1	1	1				
Term												
Full-term	155	177	161	166	222	223	198	117				
Pre-term	4	5	6	6	8	4	4	1				

Delivery/labour type											
Normal											
Complicated labour											
Referred patients											
Number											
Delivery method											
Emergency lower segment cesarian section	3	4	8	1	0	3	6	5			
Elective lower segment cesarian section											
Forceps	5	0	1	1	0	1	4	1			
Vacuum	0	0	0	0	0	0	0	3			
Vertex	163		185	185	235	238	226	137			
Breech	7	3	1	5	5	9	2	1			
Episiotomy	64			55		35					
Normal	172	196	178	188	239	243	224	137			
Abortions											
Complete											
Total											
Required blood transfusion											
Yes											
Maternal deaths											
During delivery											
Within the 6 weeks after delivery											
Within the 20 weeks prior to delivery											
Total											
Infant deaths											
Neo-natal 0-6											
Neo-natal 2-26											
Total neo-natal											
Medically terminated preg'	14	18	30	26	8	42	40	40	31	28	18
During delivery											
Mascerated still birth	2	5	8	0	2	2	9	2			
Fresh still birth	0	1	2	0	0	1	0	1			
Still births											
Complications											
Haemorrhage PP/AP	5	3	4	4	7	5	4	3			
Prolonged/obstructed labour	2	2	1	2	3	1	1	3			
Post-partum sepsis	0	0	0	0	1	0	0	2			
Cephalo – pelvic disproportion											
Pre-eclampsia	2	3	2	1	4	2	3	5			
Eclampsia											

Ectopic pregnancy	1	0	0	1	0	0	1	0				
Ruptured uterus												
Anaemia												
Toxemia												
High BP (ANC & PIH)												
PPH/Low BP												
Apgar <7												
Hand prolapse												
Face												
Bleeding per vagina												
Abnormal delivery												
Fever patients												
Abnormal baby												
Awaiting report												
Abortion related												
Complete curettage	7	0	0	0	0	0	0	0				
Tear in delivery												
Tear	18			22			37					
Intact	98			113			150					
Contraception												
Tubal ligation	68	85	50	59	64	87	83	63				
Copper T	29	23	11	12	24	18	18	5	11	14	11	
External deliveries												
Referrals												
Rickshaws												
External transfers												
Women												
Babies												