

**SOUTH KALIMANTAN SITUATIONAL ANALYSIS TOOL
INDONESIA
MODULES 1 - 18**

1. Facility Management
2. Emergency Services
3. Referrals
4. Physical Infrastructure
5. Laboratory Services
6. Equipment
7. Consumable Supplies
8. Educational Materials
9. Drugs and Supplies
10. Delivery and Hospital Registry
11. Family Planning Register
12. Antenatal Care Record Review
13. Normal Delivery Record (Partograph Review)
14. Complicated Delivery Record: Pre-eclampsia and Eclampsia
15. Complicated Delivery Record: Hemorrhage
16. Complicated Delivery Record: Obstructed Labor
17. Blood Bank
18. Review of Existing Country/Province Information

MOTHERCARE PROJECT
In Cooperation with:
DEPKES
IKATAN BIDAN INDONESIA

Adapted from WHO

INSTRUCTIONS FOR INTERVIEWERS SITUATIONAL ANALYSIS

In order to fully complete the Situational Analysis Tool when visiting hospitals and Puskesmas you will need to do the following to complete modules number 1 - 17:

MODULE 1: FACILITY MANAGEMENT

MODULE 2: EMERGENCY SERVICES

MODULE 3: REFERRALS

Please speak to the institution Director or Kepala to introduce yourself, explain what you will need to do, and begin asking questions for modules 1, 2, and 3. The Director or Kepala may ask you to speak to someone else to answer all parts of the modules.

MODULE 4: PHYSICAL INFRASTRUCTURE

MODULE 8: EDUCATIONAL MATERIALS

Ask for a tour of the institution to look at all parts that provide maternal/child health care:

- antenatal, family planning, postpartum and well-child clinics
- antenatal, labor and delivery, postpartum wards
- surgical unit
- laboratory
- drug and supply storage areas
- bathrooms

While on the tour look to see what patient education materials you see.

MODULE 5: LABORATORY SERVICES

MODULE 17: BLOOD BANK

Speak with the person at the institution knowledgeable about what tests can be done at the institution and about blood banking services.

MODULE 6: EQUIPMENT

MODULE 7: CONSUMABLE SUPPLIES

Speak with the person at the institution knowledgeable about equipment and supplies used in providing antenatal, labor and delivery, postnatal, and family planning services.

MODULE 9: DRUGS

Speak with the person at the institution knowledgeable about drugs ordered and used for antenatal, labor and delivery, postnatal, STD, and family planning services.

MODULE 10: DELIVERY AND HOSPITAL REGISTRY

Ask to see the hospital or Puskesmas (if they have one) Delivery Registry and take some time to review it to answer the questions in the module.

MODULE 11: FAMILY PLANNING REGISTRY

Ask to see the hospital or Puskesmas (if they have one) Family Planning Registry and take some time to review it to answer the questions in the module.

MODULE 12: ANTENATAL CARE RECORD

Ask the person in charge of the Antenatal Clinic to pull 10 random charts on antenatal patients who have already delivered. Take some time to review the charts to answer the questions in the module.

MODULE 13: NORMAL DELIVERY RECORD (PARTOGRAPH REVIEW)

Ask the person in charge of Labor and Delivery to pull 10 random charts on patients who have already delivered in the last few months. Take some time to review the charts to answer the questions in the module.

MODULE 14: COMPLICATED DELIVERY RECORD: PRE-ECLAMPSIA AND ECLAMPSIA

Ask the person in charge of Labor and Delivery to pull charts on the last 10 patients who had an eclamptic fit recorded or a diastolic blood pressure greater than or equal to 100 (for example 140/100). Take some time to review the charts to answer the questions in the module.

MODULE 15: COMPLICATED DELIVERY RECORD: HEMORRHAGE

Ask the person in charge of Labor and Delivery to pull charts on the last 10 patients who had a postpartum blood loss of more than 500 ml. Take some time to review the charts to answer the questions in the module.

MODULE 16: COMPLICATED DELIVERY RECORD: OBSTRUCTED LABOR

Ask the person in charge of Labor and Delivery to pull charts on the last 10 patients who had no fetal descent for 3 hours or more or strong contractions with no progress for three hours. Take some time to review the charts to answer the questions in the module.

MotherCare Situation Analysis (Adapted from WHO)

Data entry index :

Data entry initials :

1. Facility Management

Facility name :		Facility Code :		District Code :	
Type of facility (enter - RS = Rumah Sakit; PKM = Puskesmas; Pustu = Puskesmas Pembantu; K = Klinik)					
Facility Administration (enter - P = Pemerintah; SA = Swasta Agama; S = Swasta)					
Date today :		Interviewer Code :			

After the introductory meeting with the staff in charge, explain that you would like to meet separately to ask some questions and be shown the facilities. Complete one survey form for each facility.

1 What is the catchment population for this facility ? (enter population; if not known enter 0)	
2 What is the crude birth rate in the catchment area for this facility? enter crude birth rate per 1,000 population ; if not known enter 999)	
3 Have you calculated percent deliveries in the catchment area that take place in this facility ? What is this percent ? (enter percent; if not known enter 999. Do not ask staff to estimate, if it has not already been calculated)	
4 Number of beds total (including maternity)	
5 Number of maternity beds (for use before, during, and after delivery)	

1. Facility Management

6 How many posts are filled and occupied at this facility for the following categories of personnel :		
a. Government Midwife		
b. Private Midwife		
c. Private Practice Midwife		
d. Nurses		
e. Physicians (both General list and OB/Gyn)		
f. Anaesthetist and Nurse-anaesthetists		
7 Which of the following services are provided at this facility : (read and ask about each service separately)	Tick	
	Yes (1)	No (0)
a. Antenatal care		
b. Tetanus toxoid immunization		
c. Treatment of STDs		
d. Syphilis testing		
e. Iron folate for anaemia		
f. Normal delivery care		
g. Vacuum extraction delivery		
h. Forceps delivery		
i. Caesarean section		
j. Blood transfusion or replacement		
k. "Rooming in" for postpartum care of mother and baby		
l. Postpartum check up		
m. Family planning services		
n. Abortion		

1. Facility Management

8 Is a catchment area map available for this facility?		
9 Which of the following complications can be managed at this facility : (Read and ask about each service separately)		
a. Anaemia		
b. Reproductive Tract Infections, including Syphilis.		
c. Ectopic Pregnancy		
d. Antepartum Haemorrhage		
e. Pre-eclampsia		
f. Eclampsia		
g. Laceration Repair		
h. Postpartum Haemorrhage		
i. Abortion complications / incomplete delivery		
j. Retained Placenta		
k. Breech Delivery		
l. Obstructed Labor		
m. Sepsis		
n. Resuscitation of newborn		
10 Are maternal and child services integrated with other services (are antenatal, postpartum, family planning, and child health services all provided on a daily basis) ?		

2. Emergency Services

		Tick	
		Yes(1)	No(0)
1	Are maternity services available all of the time, including at night and on weekends ?		
2	Are on-call services for care for complicated deliveries available all of the time, including at night and weekends ?		
3	Are on-call services for obstetric surgery available all of the time, including at night and on weekends ?		
4	Does this facility have a vehicle for emergency transport of patients ?		
5	How far, in kilometers, is the nearest referral facility ? <i>(enter number of kilometers, enter 0 for referral center/hospital)</i>		
6	How long does it take to get to the nearest referral facility by : <i>(provide answers only for the methods used most often and leave blank methods not used often)</i>		
	a) Car		
	b) Bus		
	c) Motorbike		
	d) Boat		
	e) Horse		
	f) Walking		
	g) Other		

3. Referrals

3a. How many maternity case referrals were received during 1994 from :	
Physician :	
Puskesmas (if you are interviewing a Puskesmas officer, this means "other Puskesmas") :	
Bidan (Private Practice) :	
Bidan di Desa :	
TBA :	
Total :	
3b. For the following maternal complications, state the number of cases referred to your institution in 1994 :	
Pre-eclampsia - Eclampsia :	
Antepartum Hemorrhage :	
Post partum Hemorrhage :	
Premature Rupture of membranes :	
Prolonged Labor :	
Preterm Labor (before 36 weeks) :	
Infection :	
Abortion :	
Ectopic Pregnancy :	
Family Planning Complication :	
Other (specify) :	
Total :	

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3. Referrals

3c. How many neonatal (before 7 days of life) referrals were received during 1994 from :

Physician :	
Puskesmas (if you are interviewing a Puskesmas officer, this means "other Puskesmas") :	
Bidan :	
Bidan di Desa :	
TBA :	
Total :	

3d. For the following neonatal complications, state the number of cases referred to your institution in 1994 :

Prematurity :	
Low Birth Weight :	
Asphyxia :	
Jaundice :	
Birth Trauma (broken bone, etc.) :	
Congenital or Genetic Abnormalit :	
Other :	
Total :	

"I would now like you to show me the facilities, equipment, and supplies used here in providing maternity services".

Code each item based on its condition on the day of the visit :

- 0 = Not available
- 1 = Available but not satisfactory
- 2 = Available and satisfactory
- 9 = Not applicable for this facility

Code as unsatisfactory items which in your judgement are not functional, missing parts, unhygienic, or otherwise sub-standard.

For some items, it is sufficient to look for and see that a particular item is available, regardless of condition

- For these items code :
- 0 = Not seen
 - 1 = Seen
 - 9 = Not applicable for this facility

4. Physical Infrastructure	0 = Not available 1 = Available but not satisfactory 9 = Not applicable for this facility
Examination room providing client privacy (room for screening, counselling and examination)	
Table and stool for gynaecological examination	
Examination light for gynaecological examinations	
Standard operating procedures	
Flow charts for maternal health care	
Storage area - for drugs and other supplies	
Toilet facilities / latrine	
Delivery / labour room with bed and lighting	
Post-delivery room	
Refuse disposal with cover	
Emergency light/lamp	
Generator set and electricity	

4. Physical Infrastructure		0 = Not available
		1 = Available but not satisfactory
		9 = Not applicable for this facility
Refrigerator		
Running water supply		
Telephone or radio transmitter		
Operating theatre with basic infrastructure : operating table, shadowless lamps, trolley, suction apparatus, anaesthesia - equipment, oxygen, and emergency light		
Delivery register or log book		
Antenatal care register or log book		
Family planning register or log book		
Morbidity register (has information on STD's)		



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For some items, it is sufficient to look for and see that a particular item is available, regardless of condition

For these items code : 0 = Not seen

1 = Seen

9 = Not applicable for this facility

0 = Not available

1 = Available but not satisfactory

2 = Available and satisfactory

9 = Not applicable for this facility

5. Laboratory Services

Pregnancy test kits	
HIV test kits	
Syphilis test kits	
Gram stain for Gonorrhoea (refer to hospital)	
Culture and Sensitivity test	
Hepatitis B screening test	
Pap-smear test	
White blood cell count test	
Hemoglobin test	
Urine : Protein test	
Glucose test	
Ketone test	
Malaria Smear Test	

	0 = Not available
6. Equipment (Hospital and Puskesmas)	1 = Available but not satisfactory
	2 = Available and satisfactory
	9 = Not applicable for this facility
6a. Basic Equipment	
Wide mouth bottle (2)	
Blood pressure apparatus (sphygmomanometer)	
Infant weighing scale	
Stethoscope (Duplex)	
Fetal stethoscope (Monoavral or Doppler)	
Container to hold sterile instruments	
Sterilizer	
Spring type dressing sponge forceps	
Amniotomy tool (i.e., half kocker)	
Korentang	
Kelly Clamp	
Kidney basin / dish	
Deep bowl (stainless steel)	
Gauze bowls	
Instrument tray (8.5' x 3' x 1.5')	
Litmus paper (test for amniotic fluid)	
Clinical oral thermometer	

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	0 = Not available
6. Equipment (Hospital and Puskesmas)	1 = Available but not satisfactory
	2 = Available and satisfactory
	9 = Not applicable for this facility
6c. Other delivery equipment	
Speculum (different sizes)	
Vacuum extractor (state type if available)	
Delivery Forceps : 1. Outlet (head)	
2. Midcavity	
3. Breech (piper)	
6d. Equipment for the care of neonate	
Cloth or towel to dry baby	
Blanket to wrap baby	
Ambu bag and mask for neonatal resuscitation	
Secretion suction : 1. Bulb	
2. DeLee	
Laryngoscope - Infant	
Endotracheal Tube	
Heat lamp or warming bed	
6e. Equipment for uterine curettage	
6f. IUD Kit	
6g. Norplant Kit	
6h. Cesarean Section Set	

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	0 = Not available
6. Equipment (Hospital and Puskesmas)	1 = Available but not satisfactory
	2 = Available and satisfactory
	9 = Not applicable for this facility
Oxygen cylinder with related apparatus	
Adult ambu bag and mask	
Means to measure hemoglobin	
Hemometer	
Protective clothing : 1. Apron	
2. Covering for feet	
3. Covering for eyes	
Clock	
6b. Absolute minimum equipment for assisted delivery	
Scissors : 1. Episiotomy	
2. Cord	
3. Suture	
Suture needles	
Catgut	
Needle holder	
Forceps (Clamps) : 1. Hemostat (Artery)	
2. Kocher	
Dissecting Forceps : 1. Pinset Anatomies	
2. Pinset bedah (Chirurgie)	
Direct light source (Flashlight or headlight or lamp)	

7. Consumable supplies	
	0 = Not seen by surveyor
	1 = Seen at facility
	9 = Not applicable for this facility
Hand Brush	
Soap box	
Gloves : sterile	
unsterile	
Urethral Catheter (rubber / metal)	
Syringes and needles : Non-disposable	
Disposable	
Sterile Drapes	
Plastic sheeting (machintosh)	
Cotton / absorbent	
Gauze / dressings / adhesive plaster	
Vaginal tampon	
IV kit	
Tape measure	
Sanitary pads	
Blank "Labourgraphs" or "Partographs"	
Blank antenatal client cards or Maternal records (as appropriate)	
Sterile cord ties	
Blood giving sets	

8. Educational materials...		0 = Not seen by surveyor
		1 = Seen at facility
		9 = Not applicable for this facility
... on warning signs of complications in pregnancy		
... on antenatal nutrition (anemia)		
... on nutrition		
... on postpartum care / newborn care / breast-feeding		
... on family planning		
... on STD and/or HIV/AIDS		

	0 = Not seen by surveyor
9. Drugs and Supplies	1 = Seen at facility
	9 = Not applicable for this facility
Ask to meet with the pharmacist or supply clerk in order to find out about drug availability. Ask to see the following drugs :	
9a. Anaesthetics : general / pre operative	
Nitrous oxide or	
Other general anaesthetic agent	
Diazepam (injection)	
Atropine	
9b. Anaesthetics : local	
Lidocaine	
9c. Analgesics	
Pethidine	
Morphine	
Panadol	
Acetylsalicylic Acid	
Paracetamol	
Antalgin	
Novalgin	
9d. Anti-infective drugs : mother	
Ampicillin (capsules)	
Ampicillin (syrup)	

9. Drugs and Supplies	
	0 = Not seen by surveyor
	1 = Seen at facility
	9 = Not applicable for this facility
Ampicillin (injection)	
Bactrin	
Benzathine penicillin (injection) or	
Benzylopenicillin (injection) or	
Procaine penicillin (injection)	
Amoxyllin	
Erythromycin	
Chloramphenicol	
Metronidazole	
Gentamicin (injection) or	
Kenamycin (injection)	
Tri-sulfa	
Tetracycline	
9e. Anti-infective drugs : neonate	
Tetracycline (ointment)	
9f. Antimalarial drugs	
Chloroquine (tablets)	
Quinine (injection) or	
Chloroquine (injection)	
9g. Antianaemia Drugs	
Ferrous salt + folic acid	
Folic acid	
9h. Antihypertensive Drugs	
Serpasil	
Methyldopa (tablets) or	
Propranolol (tablets)	
Luminol	

	0 = Not seen by surveyor
9. Drugs and Supplies	1 = Seen at facility
	9 = Not applicable for this facility
Hydralazine (injection)	
9i. Anticonvulsive Drugs	
Magnesium sulphate (Mg So4) (injection)	
Diazepam (injection)	
Chlorpromazine	
9j. Family Planning	
high/stand ard Combined oral contraceptives low oestrogen (<= 35 microgram)	
Progesterone "mini" (tablet) rone acetate / "Depo Provera" Depogeston	
Norethisterone enanthate "Norestat" (2-month injection)	
Condoms	
Diaphragms	
IUCD / IUD	
Norplant	
Spermicide : foam tablet or foam or cream or jelly	
9k. Vaccines	
Tetanus toxoid (injection)	
BCG vaccine (injection)	
Polio	
Measles	
DPT	
Immunoglobulin (Hepatitis)	
9l. Oxytocics	
Ergometrine (injection)	
Methergine	

	0 = Not seen by surveyor
9. Drugs and Supplies	1 = Seen at facility
	9 = Not applicable for this facility
Oxytocin (injection)	
9m. Disinfectants and Antiseptics	
Soap	
Chlorhexidine or Surgical spirit or Bleach (Bayclin)	
Betadine	
9n. Intravenous solutions	
Saline solution (NaCl 0.9 %) or Ringers Lactate Glucose - 5 %	
9o. Vitamins	
B-12	
Vitamin A	

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10. Delivery and Hospital Registry and Presentation of Maternal Complications

After completion of interview with staff in charge, ask to see the delivery records or log book, Tally information on the number of cases of various conditions from the delivery registry or other relevant records for the past 12 months. Space is provided under each condition for tallying number on cases. After completion, enter numeric totals in right column.

use space below for tally	Per month	Past 12 months
10a Number of deliveries total in the past 12 months (tally here)		
10b Number of deliveries by Bidan		
10c Number of deliveries by Physician		
10d Type of delivery :		
Normal Vaginal Delivery		
Instrument delivery (vacuum extraction or forceps)		
Abnormal vaginal deliveries (breech, face, transverse)		
Caesarean sections		
10e Maternal Complications :		
Hemorrhage antepartum (abruption placenta, placenta previa)		
Post partum Hemorrhage (uterine atony, laceration)		
Obstructed Labor		
Prolonged Labor		
Sepsis		

10 Delivery and Hospital Registry and Presentation of Maternal Complications

Pre-eclampsia		
Eclampsia		
Pre Term Labor		
Other (specify)		
10f. Neonatal Complications :		
Asphyxia		
Low Birth Weight		
Birth Trauma		
Infection		
Other (specify)		
10g Deaths :		
Maternal deaths		
Fresh still births		
Macerated still births		
Neonatal deaths (before 7 days of life)		

11. Family Planning Register

After completion of interview with staff in charge, ask to see the family planning register or log book.

Tally information on the number of users of various contraceptive methods for the past 3 months.

For sterilization, it might be necessary to look at the operating theatre register.

Space is provided under each family planning type for tallying number of clients.

After completion, enter numeric totals in right column.

<i>use space below for tally</i>	<i>enter number below</i>
1 Oral contraceptives / pills	
2 Injectable : Depot medroxy-progesterone acetate / Depo Provera or Depogeston	
3 Condoms	
4 Diaphragmas	
5 IUCD / IUD	
6 Subdermal implants Norplant	
7 Spermicide : foam tablet or foam or cream or jelly	
8 Sterilization : female	
9 Sterilization : male	

12. Antenatal Care Record Review

Please ask to see 10 random patient Antenatal Care Records. Review each record and fill out one sheet for each record.

1	Number of antenatal care visits (count the number of visits on the card and enter total)		
2	Enter fundal height in weeks at first ANC visit (enter number of weeks. If not known, enter 0)		
3	Number of blood pressure reading recorded (count the number of BP recordings and enter total numbr. If none, enter 0)		
4	Proteinuria (count the number of urine analysis tests done and record the total number. If none, enter 0)		
		Tick	
		Yes (1)	No (0)
5	Tetanus Toxoid (TT) immunizations during this pregnancy (count the number of TT, record total. If none, enter 0)		
6	Has the gravida (number of times the client has been pregnant) been recorded on the card ?		
7	Are the date and results of a haemoglobin test written on the card?		
8	Did women with low hemoglobin receive treatment ?		
9	Are the date and results of a syphilis test on the card?		
10	Did women with positive syphilis test receive treatment?		
11	Was supplementation with iron/folic acid recorded on the card?		
12	Was the provision of malaria treatment or prophylaxis recorded on the card?		

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13. Normal Delivery (Partograph) Review

Please ask to see 10 random patients labor and delivery records. Review each record and fill out one sheet in each record.

<p>1 Calculate the number of hours from time of admission until time of delivery. For example, if the patient was admitted at 8:00 AM and delivered at 6:00 PM, enter "10".</p>		
<p>If patient was admitted before onset of labor, start counting hours at the time of onset labor</p>		
<p><i>Record number of hours</i></p>		
<p><i>Round fractions down (i.e. record 2:30 as 2 hours)</i></p>		
<p><i>If delivery occurred less than one hour after admission, enter 1,</i></p>		
<p><i>if not available, enter 0</i></p>		
<p>2 Count the number of vaginal exams recorded on the card.</p>		
<p><i>Enter the number exams recorded. If none, enter 0</i></p>		
<p>3 Count the number fetal heartbeat readings recorded on the card</p>		
<p><i>Enter the number recordings. If none, enter 0</i></p>		
<p>4 Count the number of times that blood pressure (BP) was read and recorded on the card.</p>		
<p><i>Enter the number of recordings.</i></p>		
<p><i>Do not enter actual BP readings!</i></p>		
<p><i>If none, enter 0</i></p>		
	Tick	
	Yes (1)	No (0)
<p>5 Is the birth weight of the baby recorded on the card ?</p>		
<p>6 Is any record of assessment of the condition of the baby (e.g. Apgar score) recorded on the card ?</p>		
<p>7 Is any antenatal care recorded on the card ?</p>		

14. Complicated Delivery Records : Pre-Eclampsia and Eclampsia Management

Please ask to see the labor and delivery records for the last 10 patients who had :

- i. Eclamptic fits recorded or
- ii. Diastolic blood pressure greater than or equal to 100 (for example, 140/100)

Record the following information from the record or card :

		Tick	
		Yes(1)	No(0)
1	Is the diastolic blood pressure recorded on the card greater than equal to 100 (for example, 140/100, etc.)?		
2	Was the administration of antihypertensive medication recorded (for example hydralazine)?		
3	Is eclampsia or are eclamptic fits recorded on the card?		
4	Was the administration of sedative or anticonvulsive medication recorded (for example Magnesium Sulphate or Diazepam) ?		
5	Was the blood pressure checked at least hourly and recorded?		
6	Was the fetal heart beat checked at least hourly and recorded ?		

15. Complicated Delivery Records : Hemorrhage Management

Please ask to see Labor and Delivery records on the last 10 patients who had :

Post partum blood loss is more than 500 ml.

Record the following information from record or card

		Tick	
		Yes(1)	No(0)
1	Is the blood loss recorded ?		
2	Was the response time (from time hemorrhage was identified to time intervention was started) :		
	a) less than 5 minutes		
	b) 6 - 10 minutes		
	c) 11 - 15 minutes		
	d) 16 - 30 minutes		
	e) greater than 31 minutes		
3	Is the administration of volume fluid replacement (dextran, glucose, etc.) recorded ?		
4	Are signs and symptoms of shock recorded on the card (e.g. pulse, blood pressure)?		
5	Is the cause of blood loss recorded on the card (e.g. retained placenta, uterine inertia, tear, etc.) ?		
6	Is the placenta removed manually ?		
7	Is oxytocin given ?		
8	Is bimanual uterine compression done ?		
9	Is blood transfusion given ?		
10	Is the laceration / tear sutured ?		

16. Complicated Delivery Records : Obstructed Labour / Partograph

Please ask to see the labor and delivery records for the last 10 patients who had :

- i. No descent for 3 hours or more or
- ii. Strong contractions with no progress for three hours

Record the following information from the records or card :

	Tick			
	Yes	No		
1 Was patient referred from another health facility ?				
2 Was the descent static (no progress for three hours or more) ?				
3 Were the strong contractions recorded for more than three hours without progress ?				
	0	1	2	3
4 What was the outcome ? 0 = not recorded 1 = live birth 2 = still birth 3 = live birth but died later neonatal period				

16. Complicated Delivery Records : Obstructed Labour / Partograph

	0	1	2	3	4	5
<p>5 How was condition of the baby at birth recorded ?</p> <p>0 = <i>not recorded</i></p> <p>1 = <i>stillbirth macerated</i></p> <p>2 = <i>stillbirth fresh</i></p> <p>3 = <i>stillbirth</i></p> <p>4 = <i>live birth resuscitated</i></p> <p>5 = <i>live birth breathing well (Apgar 7-10)</i></p>						
<p>6 What is the recorded mode of delivery ?</p> <p>0 = <i>not recorded</i></p> <p>1 = <i>spontaneous vaginal delivery</i></p> <p>2 = <i>vacuum extraction</i></p> <p>3 = <i>forceps delivery</i></p> <p>4 = <i>cesarean section</i></p> <p>5 = <i>symphysiotomy</i></p>						
<p>7 In case of cesarean section, how many hours elapsed past the action line (to the right of the line) before the cesarean section was performed ?</p> <p align="center"><i>Enter number of hours</i></p> <p align="center"><small>If cesarean section performed before action line, enter hours as negative (e.g. "-1")</small></p>						
<p>8 In case of referral and cesarean section, how many hours elapsed after arrival at referral facility before cesarean was performed ?</p> <p align="center"><i>Enter number of hours</i></p>						

17. Blood Bank Services

At Puskesmas Only

5 Maternity cases which needed blood transfusion

Cases / Diagnosis	No of cases needed transfusion	Referral to the hospital	No of cases given transfusion at Puskesmas
A Haemorrhage Antepartum			
B Haemorrhage Postpartum			
C Abortus			
D Other			

6 Reagens for crossmatching availability

Month	Number of cases need to be crossmatched	Availability (marked with "√")		Sources (marked with "V")				Obstacle / Constraint	Suggestion
		Yes	No	MOH/Depkes	Local Gov't	PMI	HC		
Jan.									
Feb.									
March									
April									
May									
June									
July									
August									
Sept.									
Oct.									
Nov.									
Dec.									

17. Blood Bank Services

At District Hospital Only

3 Equipment

Equipment	Owned by / Source		Number	Recent Condition
	Yes	No		
Blood bank				
Refrigerator				
Cold Chain				
Centrifuge				
Lab. Test Kit				
Hepatitis Reagens				
HIV Reagens/Kit				

4 Service, Month 19...

Type	No	Subdistrict								
		1	2	3	4	5	6	7	8	9
Donor										
Transfusion										
Transfusion Need										

No.	Sud-district	Distance to the Hospital (in Km.)	No.	Sud-district	Distance to the Hospital (in Km.)
1			4		
2			5		
3			6		

17. Blood Bank Services

At District Hospital Only

1 Facilities

Facility	Owned by / Source		Maintenance	
	Yes	No	Source	Monthly (Rp.)
Building				
Car (Ambulance)				
Motorbike				
Electricity				
Water				
Gasoline				

2 Staff

Type / Occupation	Status			Number
	Gov't	PMI	Other	
Physician				
Nurse				
Transfusion Officer (trained)				
Driver				
Administration Staff				