

Does the reproductive health project in Nghe An province, Vietnam have good impact on the community?

Pham Thi Thu Huong
Ritsumeikan Asia Pacific University
2008

1. Executive summary: The research is a quasi-experimental survey on the JICA reproductive health project in Nghe An province, Viet Nam. Research question is: Is the quality of reproductive health services in project area better than the quality of reproductive health services in non project area? The result of the analysis shows that the situation of facilities in project area is better than the situation of facilities in non project area. The project has good impact on reproductive health situation in Nghe An province.

2. Introduction: We provide background understanding of the JICA reproductive health project, where the experimental survey was conducted.

Nghe An province locates in the north of Vietnam, about 300 km from Hanoi with the capital of Vinh City. The area of the province is 16,487 km² and the population is about 3 million, living in about 600000 households. The territory includes mountains, plains, and costal lines. It is mainly agricultural province with 17 districts combining 466 communes. Main agricultural products are rice, potato, peanuts, oranges, etc. The Reproductive Health Project is the first Japan's GO-NGO partnership project in Vietnam, handled by JOICFP – a Japan based international NGO on population and RH and JICA.

The project purpose is to improve the reproductive health status of women in reproductive age with special focus on commune women in Nghe An province. The project outputs include upgrading commune health centers, providing equipment to commune health centers, and providing training to 244 midwives. Project are consists of 244 (among 264) communes of 9 (among 19 districts of Nghe An province). The project period is from 1995 to 2000. Those districts are Nghia Dan, Con Cuong, Yen Thanh, Dien Chau, Anh Son, Do Luong, Thanh Chuong, Nghi Loc, Nam Dan.

JICA team conducted the monitoring and evaluation work, in which the author was a member. The quasi experimental survey was conducted in 2001. The Population Council, particularly, Doctor Nhan and Doctor Mai designed the questionnaire and made inputs to the raw data file. The author utilized the raw data file to evaluate the impact of the reproductive health project in Nghe An province. It is different from the baseline survey of Doctor Mai. In 2001 the baseline survey on the reproductive health services provided by the public sector in Nghe An province was conducted by Doctor Mai. The products of this survey included the raw data 2001, the database 2001 and the report "Baseline survey on the reproductive health services provided by the public sector in Nghe An province" of Doctor Vu Quy Nhan, Doctor Le Thi Phuong Mai, and Nguyen Thi Thom. The result of the survey was much utilized by the author to evaluate the performance of the project as a literature review's item. In 2001 the survey was also conducted in a non project area with the same variables. Those districts are the remaining districts, both plain and mountainous, in Nghe an province. They have similar economic and social conditions like the project districts. The difference is that there is no project in those districts in 2001. Those districts are Vinh City, Cua Lo town, Que Phong, Quy Chau, Ky Son, Quy Hop, Tuong Duong, Quynh Luu, Tan Ky, Anh Son, Hung Nguyen. The purpose was to observe the quality of reproductive health services in the reproductive health facilities of project area and to observe the quality of reproductive health services in the reproductive health facilities of non project area. The comparison may say something. The variables were taken from the output design of the project and

were utilized to fill the completion report in all items of the project framework: goal, objective, output, activities, and verifiable indicators. The survey is financed by JICA fund.

3. Objective of the quasi experimental survey: It is to evaluate if there is difference in reproductive health care services based on the observation at facilities in project area and non project area.

4. Methodology of the quasi experimental survey

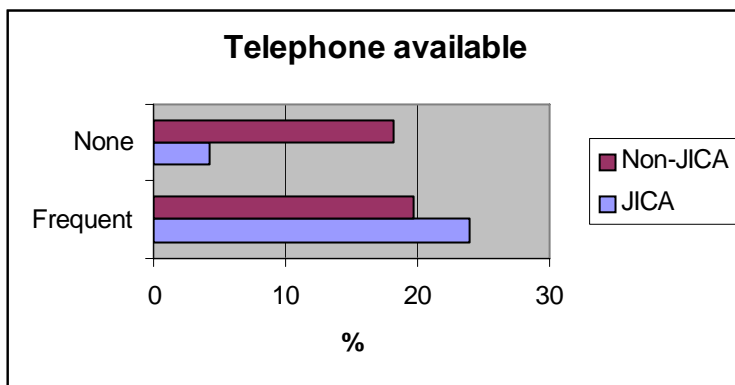
To evaluate the impact of projects, quasi experimental survey method is used to compare the situation of the project area and the situation of non-project area providing those areas have similar economic and social conditions.

SPSS software with analyze, crosstab tool is utilized to count the percentage of yes answer. The comparing mean of two independent samples is the best instrument for a quasi experimental survey; however, it is not used in this research because the variables here are all characteristic variables, not quantity variables. In order to compare mean for testing statistical significance, we need to create new quantity variables from characteristic variables, which seems so difficult and not effective. Comparing percentage of two independent variables help us avoid the testing mean even though it takes more time. N is small (71 for project area and 66 for non project area), so that the comparing average value is used. Regression cannot be used because of the small n.

5. Result of the quasi experimental survey on reproductive health in Nghe An province:

The first pair of variables we compare is the observation at the reproductive health facilities. Good telephone operation rate is 23.9% of total facilities in project are and 19.7% in non-project area. The percentage of facilities without telephone is 18.2% in non-project area and 4.2% in project area. That means telephone is more available in project area than that in non-project area, as shown in the chart.

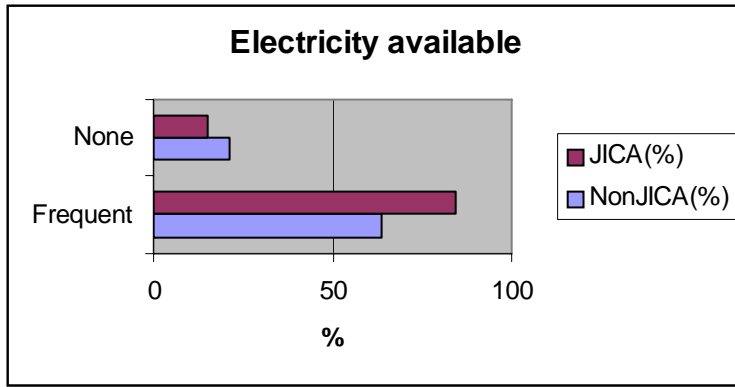
Chart 1: Telephone service



Source: author made

Frequent electricity rate is 84.5% in project area and 63.6% in non-project area. The percentage of facilities without electricity is 21.2% in non-project area and 15.2% in project area. Situation of electricity is better in project area, meaning electricity in non-project area is not as available as that in project area.

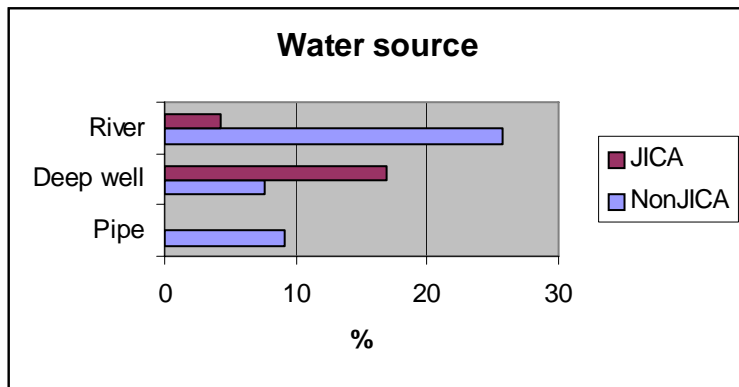
Chart 2: Electricity available



Source: author made

The percentage of facilities with water from river, canal, and pond as primary source of water is 25.8% in non-project area and 4.2% in project area. The percentage of facilities with water from pipe, which is used to get water from streamline is 0% in project area while it is 9.1% in non-project area. The percentage of facilities with water from deep well is 16.9% in project area and 7.6% in non-project area. Regarding primary source of water, situation of project area is better than that in non-project area.

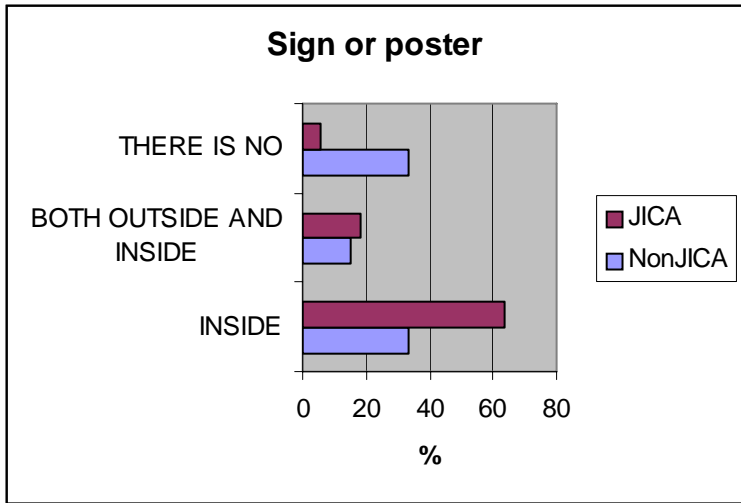
Chart 3: Water source of facilities



Source: Author made

Second pair of indicators for comparison is the sign or poster advertising the availability of services. The percentage of facilities without any sign or poster for advertising the services is 33.3% in non-project area and 5.6% in project area. The percentage of facilities with advertising sign or poster inside the facility is 33.3% in non-project area and 63.4% in project area. The percentage of facilities with the sign or poster both inside and outside the facility is 15.2% in non-project area and 18.3% in project area. It means the situation of project area is better than the situation of non-project area.

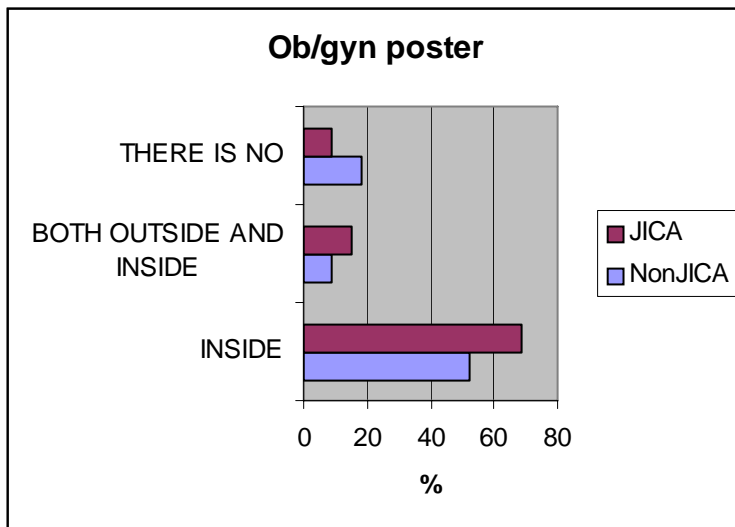
Chart 4: Sign or poster



Source: Author made

If we look at the percentage of facilities with obstetric, gynecological specialty included in the signboard, we can see that the readiness of services is more available in project area. The percentage of facilities, which have obstetric, gynecological specialty included in the signboard, advertised inside the facility is 52.3% in non-project area and 68.7% in project area. The percentage of facilities, which have obstetric, gynecological specialty included in the signboard, advertised both outside and inside the facility is 9.1% in non-project area and 14.9% in project area. In contrast, the percentage of facilities, which has not ob/gyn specialties in the signboard is 18.2% in non-project area and 9.0% in project area.

Chart 5: Ob/gyn poster

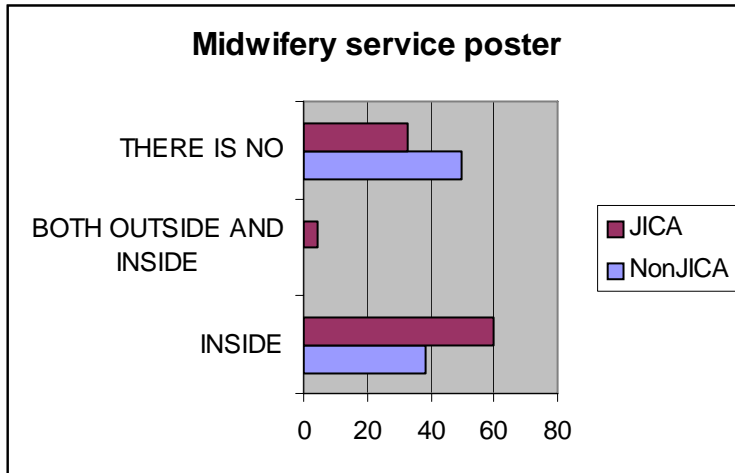


Source: Author made

The showing of midwifery specialty in the signboard says that the service in project area is more available than that in non-project area. The percentage of facilities, which have midwifery specialty included in the signboard, advertised inside the facility is 38.6% in non-project area and 59.7% in project area. The percentage of facilities, which have midwifery specialty included in the

signboard, advertised both outside and inside the facility is 0% in non-project area and 4.5% in project area. In contrast, the percentage of facilities, which have no midwifery specialty in the signboard is 50% in non-project area and 32.8% in project area.

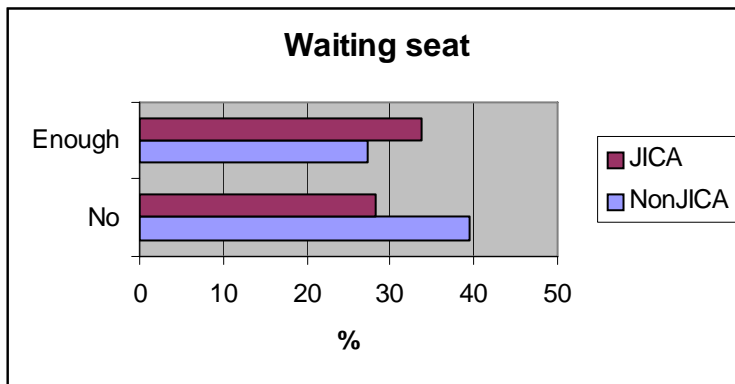
Chart 6: Midwifery service poster



Source: Author made

Observing waiting seat for clients shows that the quality of services in project area is better than that in non-project area. The percentage of facilities that have no waiting seats for clients is 39.4% in non-project area and 28.2% in project area. In contrast, the percentage of facilities that have enough waiting seats for clients is 27.3% in non-project area and 33.8% in project area.

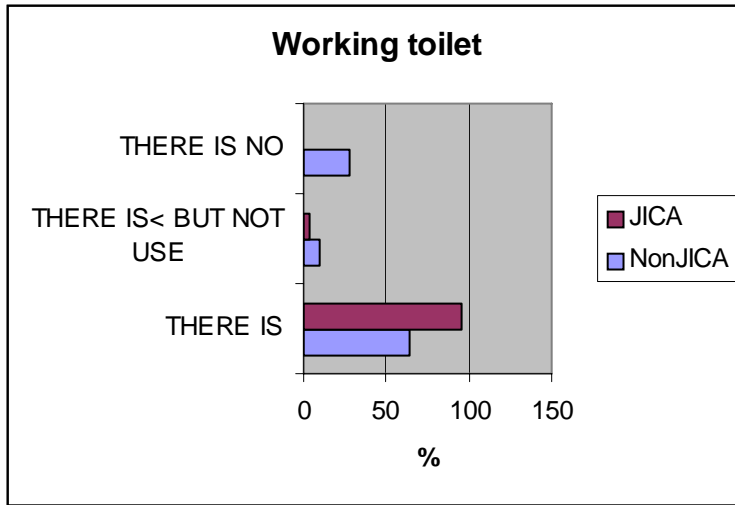
Chart 7: Waiting seat for clients



Source: Author made

Let us observe the toilet availability. The percentage of facilities with working toilet is 63.6% in non-project area and 95.8% in project area. In contrast, the percentage of facilities that have toilet but the toilet is not in use is 9.1% in non-project area and 4.2% in project area. The percentage of facilities with no toilet is 27.3% in non-project area and 0% in project area. That means toilet is more available in project area.

Chart 8: Working toilet

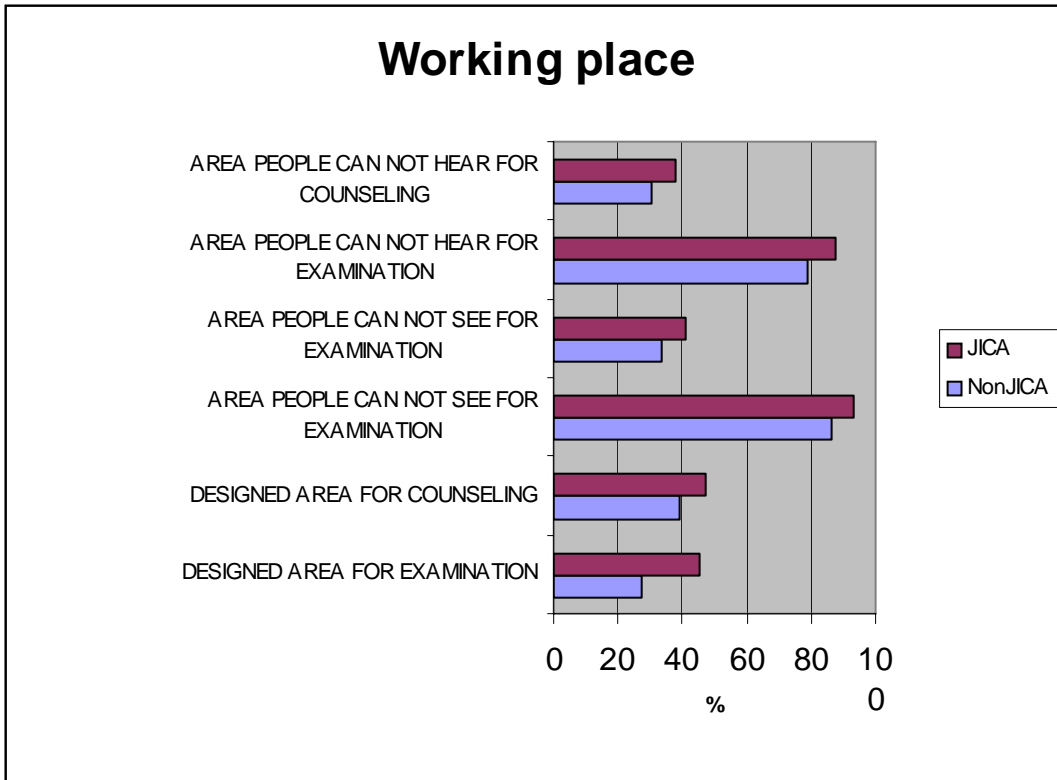


Source: Author made

Observation at the arrangement of facilities shows that facilities in project area are better arranged than those in non-project area.

The percentage of facilities with a designed area for examination is 45.1% in project area while it is only 27.3% in non-project area. Percentage of facilities with designed area for counseling is 47% in project area while it is 39.4% in non-project area. Percentage of facilities that have private area where people cannot see available for examination is 93% in project area while it is less, 86.4% in non-project area. Percentage of facilities, which have private area where people cannot see available for counseling is 40.8% in project area while it is only 33.3% in non-project area. Percentage of facilities where people cannot hear available for examination is 87.3% in project area while it is 78.8% in non-project area. Percentage of facilities with private area where people cannot hear available for counseling is 38% in project area while it is only 30.3% in non-project area.

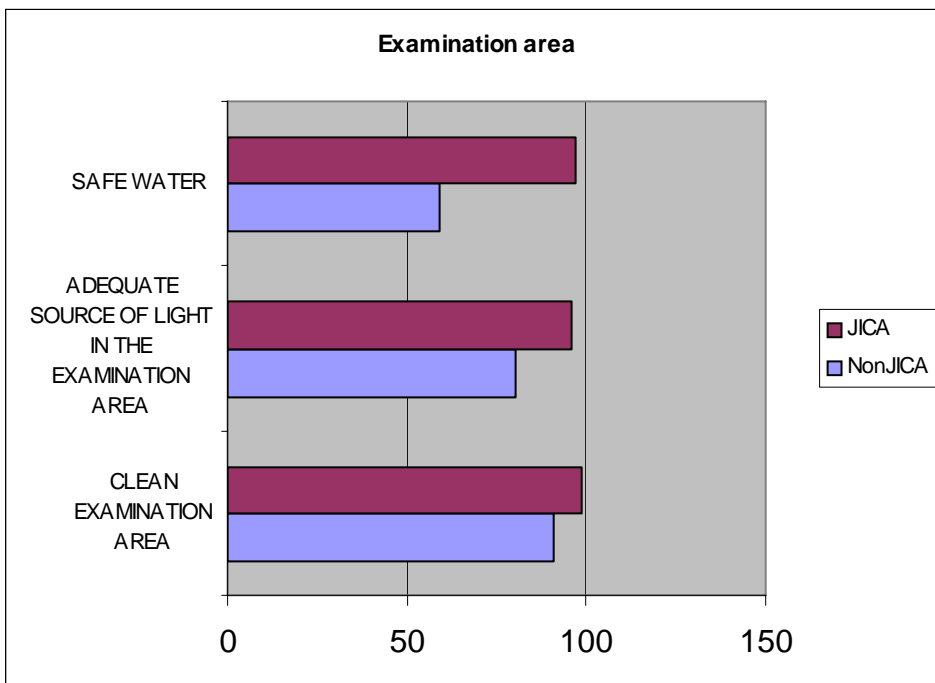
Chart 9: Working place



Source: Author made

The percentage of facilities with clean examination area is 98.6% in project area while it is 90.9% in non-project area. The percentage of facilities with adequate source of light in the examination area is 95.8% in project area while it is less, 80.3% in non-project area. Percentage of facilities with adequate amount of safe water available in the examination area is 97.2% in project area while it is only 59.1% in non-project area.

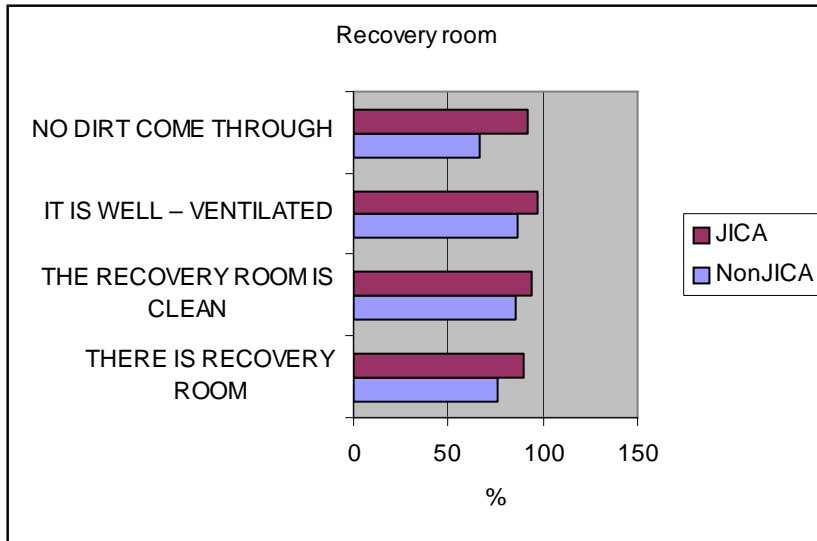
Chart 10: Examination area



Source: Author made

Percentage of facilities that have recovery room is 90.1% in project area while it is 75.8% in non-project area. The percentage of facilities, which have clean recovery room is 93.8% in project area while it is only 86% in non-project area. Percentage of facilities, which have well ventilated recovery room is 97.2% in project area while it is 86.4% in non-project area. Percentage of facilities, which have no dirt coming through is 91.5% in project area while it is only 66.7% in non-project area.

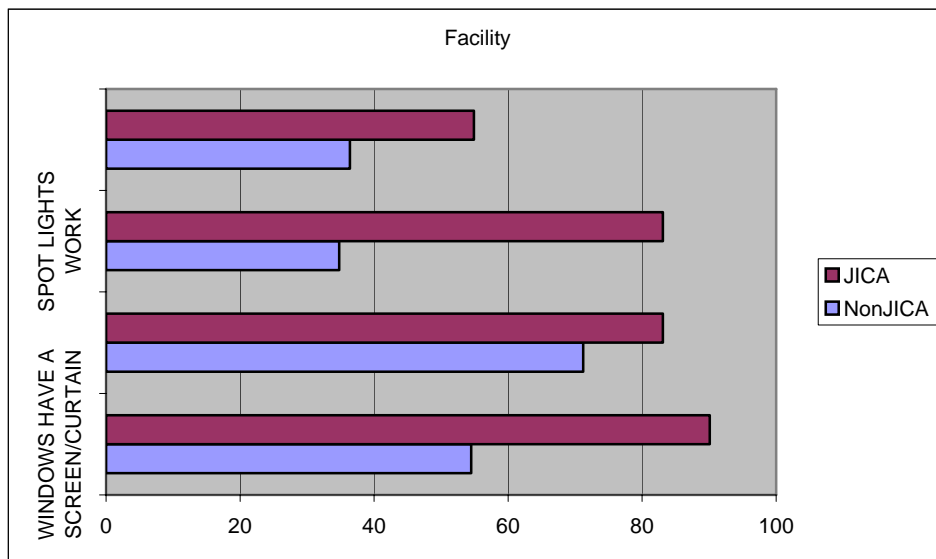
Chart 11: Recovery room



Source: Author made

Percentage of facilities, windows of which have screen or curtain is 90.1% in project area while it is only 54.5% in non-project area. Percentage of facilities, ceiling lamp of which is working is 83.1% in project area while it is 71.2% in non-project area. Percentage of facilities, spot lights of which are working is 83.1% in project area while it is only 34.8% in non-project area. Percentage of facilities that have lamp/lantern to use when the current is out is 54.9% in project area while it is 36.4%.

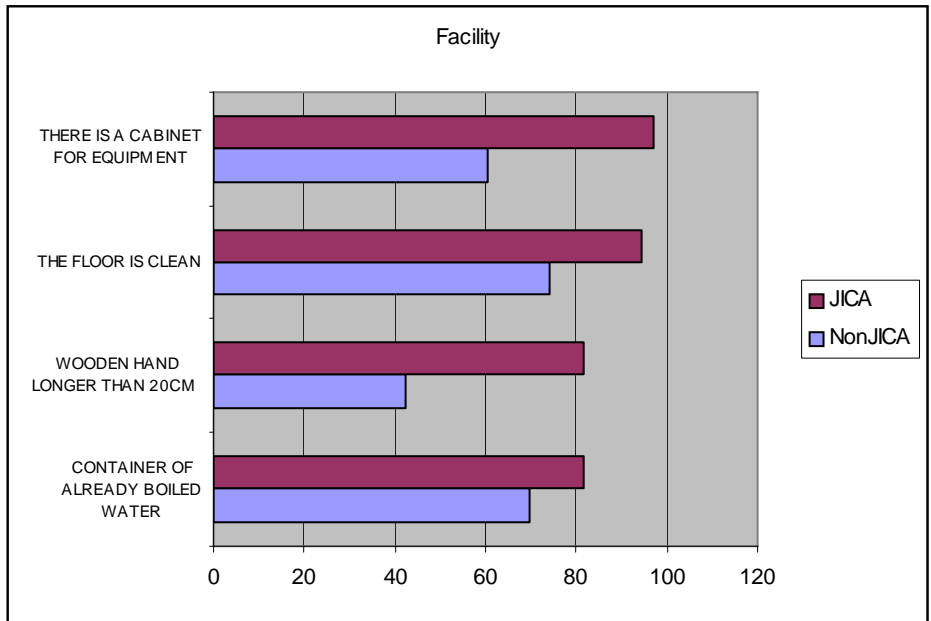
Chart 12: Facility



Source: Author made

Percentage of facilities that have container of already boiled water is 81.7% while it is 69.7% in non-project area. Percentage of facilities, which have a container of already boiled water with a wooden hand longer than 20cm is 81.7% in project area while it is only 42.4% in non-project area. Percentage of facilities, floor of which is clean is 94.4% in project area while it is only 74.2% in non-project area. Percentage of facilities, which have cabinet for equipment is 97.2% in project area while it is only 60.6 in non-project area.

Chart 13: Facility

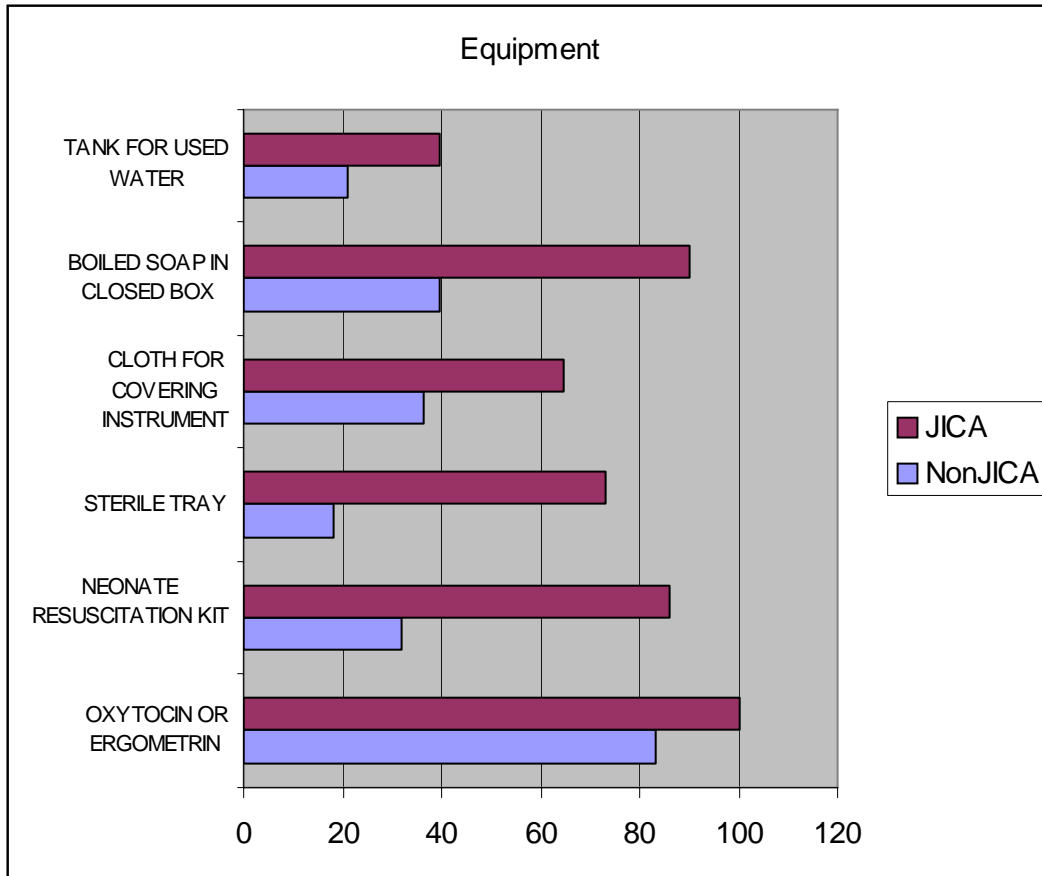


Source: Author made

Observing equipment and materials at facilities we also see that readiness of reproductive health services in project area is better than that in non-project area.

Percentage of facilities that have oxytocin or ergometrin is 100% in project area while it is 83.3% in non-project area. Percentage of facilities, in which there is a kit for neonate resuscitation (catheter with 4-5 mm in diameter 20 ml bulb syringe for suctioning infant, sterile compresses, two resuscitating balloon) is 85.9% in project area while it is only 31.8% in non-project area. Percentage of facilities, in which resuscitation box is stored in a separate sterile tray is 73.2% in project area while it is only 18.2% in non-project area. Percentage of facilities, which have clean sterile cloth for covering instrument is 64.8% in project area while it is only 36.4% in non-project area. Percentage of facilities, which store boiled soap in closed box is 90.1% in project area while it is only 39.4% in non-project area. Percentage of facilities, in which used water is drained into a closed tank outside labor room is 39.4% in project area while it is only 21.2% in non-project area.

Chart 14: Equipment



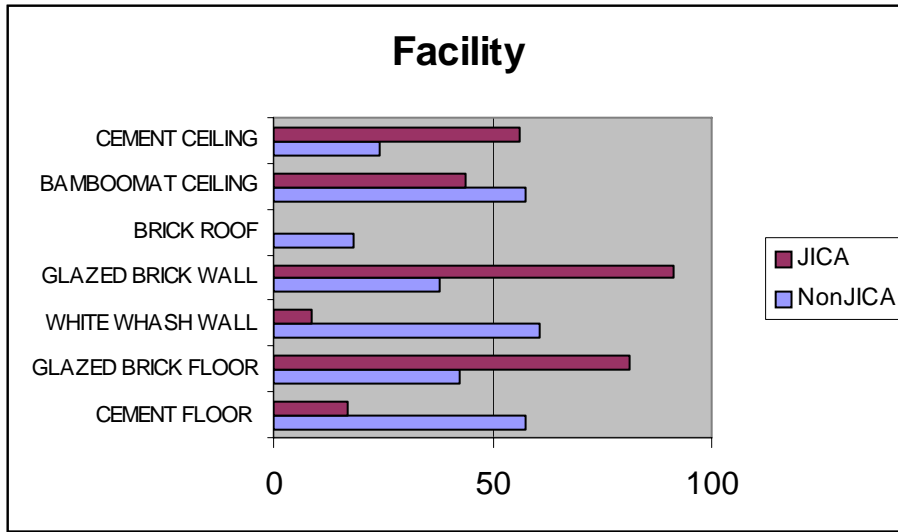
Source: Author made

Observing floor of delivery room shows that the readiness of reproductive health in project area is more available than that in non-project area. Percentage of facilities with delivery room floor, paved with glazed brick in project area is 81.3% while it is only 42.4% in non-project area. In contrast, percentage of facilities with delivery room floor, paved with cement in project area is 16.9% while it is as much as 57.6% in non-project area. Glazed brick is cleaner than cement.

The delivery room wall also tells us that the readiness of reproductive health services in non-project area is not as available as it is in project area. Percentage of facilities with delivery room wall paved with white wash is 8.5% in project area while it is as much as 60.6% in non-project area. In contrast, percentage of facilities with delivery room wall, paved with glazed brick at 1.2m high is 91.5% in project area while it is 37.9% in non-project area. Glazed brick is better than white wash in ensuring sanitary.

Delivery room ceiling also shows the sign of better readiness of services in project area. Percentage of facilities with brick delivery room ceiling is 18.2% in non-project area while it is 0% in project area. Percentage of facilities with bamboo mat, plywood, rain proof cloth delivery room ceiling is 57.6% in non-project area while it is 43.7% in project area. In contrast, percentage of facilities with cement ceiling in project area is 56.3% while it is 24.2% in non-project area. Cement ceiling is better than bamboo mat ceiling and brick ceiling, meaning the facility in project area is better than facility in non-project area.

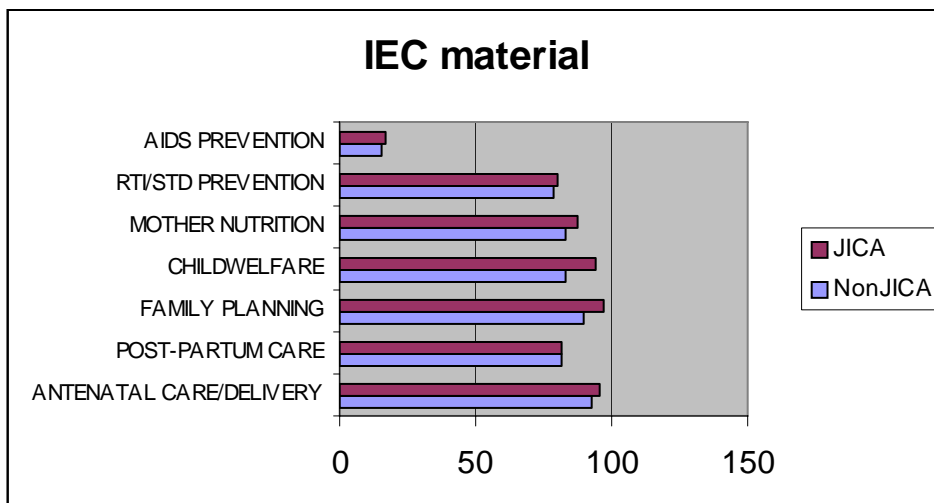
Chart 15: Facility



Source: Author made

IEC (information, education, communication) material availability also shows that services in project area is more available. Percentage of facilities, which have IEC material on antenatal care and delivery care in project area is 95.8% while it is 92.4% in non-project area. Percentage of facilities, which have IEC material on family planning is 97.2% in project area while it is 89.4% in non-project area. Percentage of facilities, which have IEC material on child welfare (immunization, child growth monitoring) is 94.4% in project area while it is 83.3% in non-project area. Percentage of facilities, which have IEC material on mother nutrition in project area is 87.3% while it is 83.3% in non-project area. Percentage of facilities, which have IEC material on RTI/STD prevention (reproductive track infection and abortion) is 80.3% in project area while it is 92.4% in non-project area. Percentage of facilities, which have IEC material on AIDS prevention in project area is 95.8% while it is 92.4% in non-project area. All indicators of project area show higher percentage than indicators of non-project area.

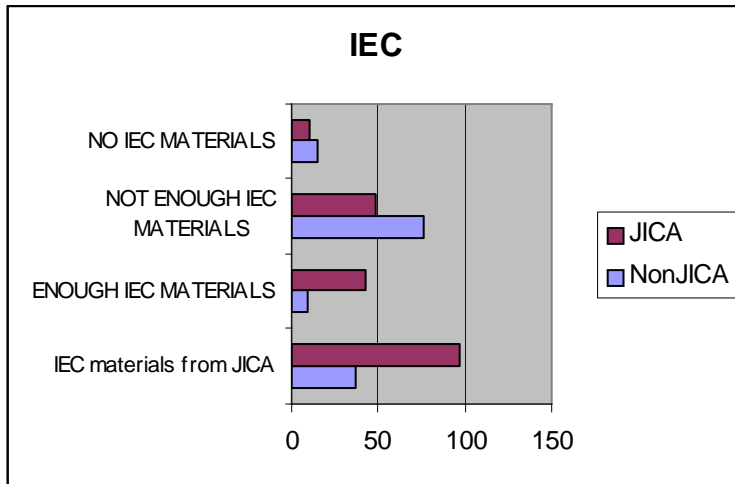
Chart 16: IEC material



Source: Author made

Percentage of facilities, receiving IEC materials from JICA is 97.2% in project area while this rate is only 36.4% in non-project area. Percentage of facilities, which have enough IEC materials in project area is 42.3% while this rate is only 9.1% in non-project area. In contrast, percentage of facilities, which have not enough IEC materials in non-project area is 75.8% while it is 47.9% in project area. Percentage of facilities, which have no IEC materials is 15.2% in non-project area while this rate is 9.9% in project area. It is sure that in terms of IEC materials, project area takes much advantage in comparison with non-project area.

Chart 17: IEC



Source: Author made

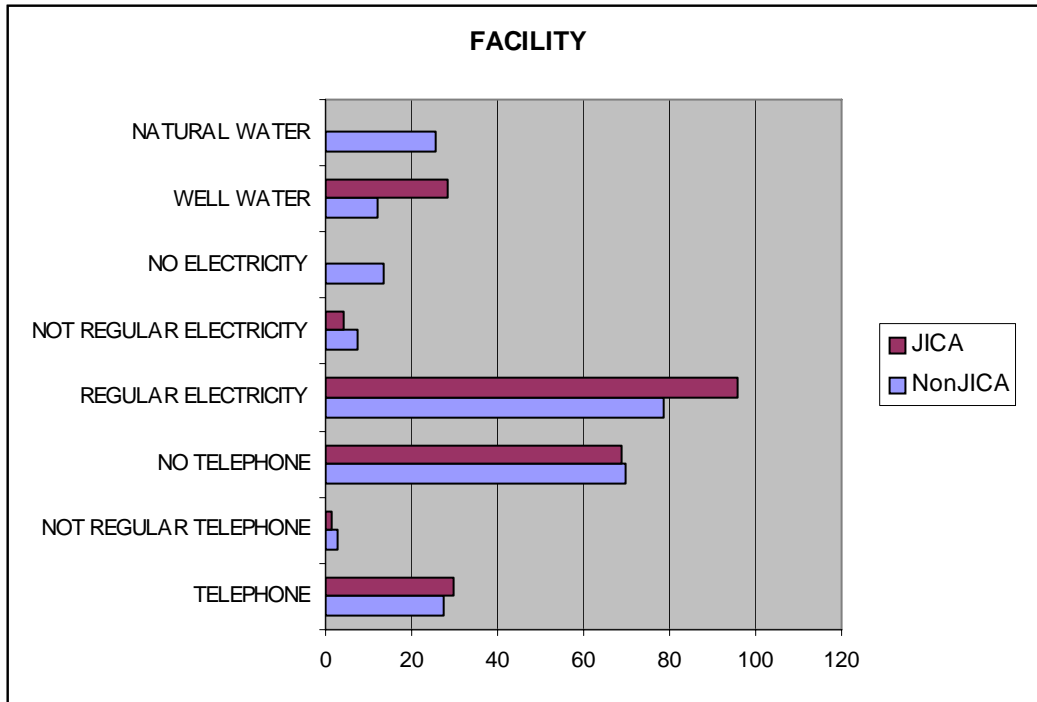
Observing public services, available at the facilities, we also can know that the readiness of the services in project area is better than that in non-project area.

Percentage of facilities, which have permanent telephone service is 29.6% in project area while this rate is 27.3% in non-project area. Percentage of facilities, which have telephone service, but only sometimes because of many reasons, such as the telephone line is broken due to typhoon or flood, is 1.4% in project area while this rate is 3% in non-project area. Percentage of facilities without telephone service is 69.7% in non-project area while it is 69% in project area. It shows that the situation of project area is better than the situation of non-project area.

The same result comes out when we compare the situation of electricity power. Percentage of facilities with frequently available electricity power is 95.8% in project area while it is 78.8% in non-project area. Percentage of facilities with infrequently available electricity power is 4.2% in project area while it is 7.6% in non-project area. Percentage of facilities with no electricity power is 13.6% in project area while it is 0% in non-project area.

If we compare the situation of water source as natural water (river, canal, and pond) and underground water (well), we also can see a better situation in project area. Percentage of facilities with water source from deep well is 28.2% in project area while it is only 12.1% in non-project area. In contrast, percentage of facilities with water source from river, canal, and pond is 0% in project area while it is as high as 25.8% in non-project area. Readiness for services is better in project area.

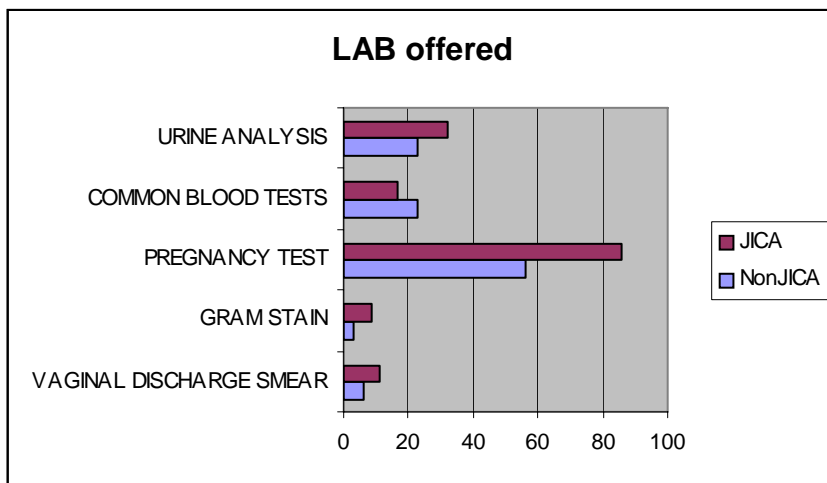
Chart 18: Facility



Source: Author made

Laboratory availability in the facilities shows better readiness of reproductive health services in project area. Percentage of facilities with lab on vaginal discharge smear (wet mount) is 11.3% in project area while it is only 6.1% in non-project area. Percentage of facilities with lab on gram stain is 8.5% in project area while it is only 3.0% in non-project area. Percentage of facilities with pregnancy test is 85.9% in project area while it is only 56.1% in non-project area. Percentage of facilities with urine analysis is 32.4% in project area while it is only 22.7% in non-project area. Reproductive health services are more available in project area.

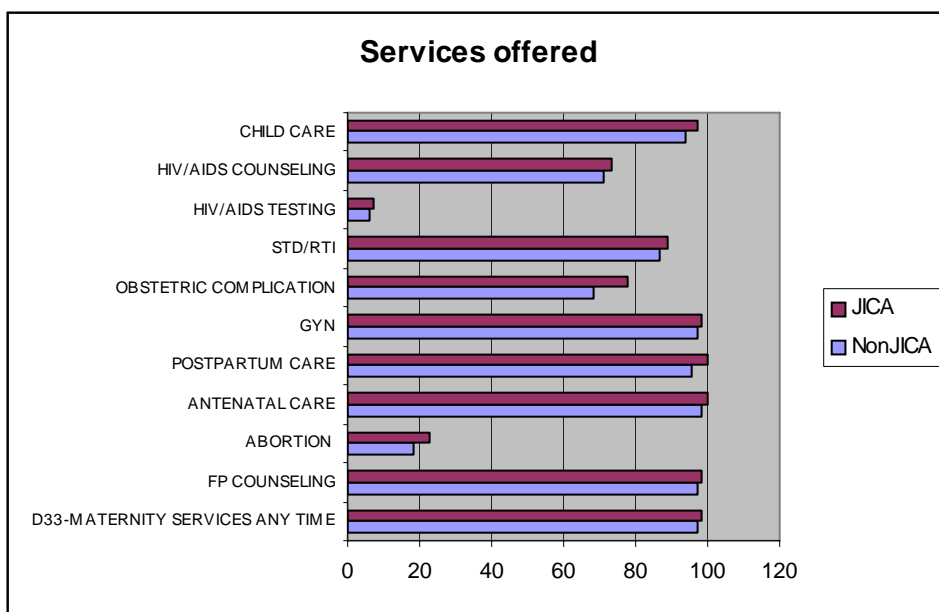
Chart 19: Lab offered



Source: Author made

Comparing services offered at the facilities, we also discover that the readiness of reproductive health services is more available in project area. Percentage of facilities, offering maternity services all the time, including at night and at weekends is 98.6% in project area while it is 97% in non-project area. Percentage of facilities, offering family planning counseling services is 98.6% in project area while it is 97% in non-project area. Percentage of facilities, offering menstrual regulation, abortion including management of abortion complication services is 22.5% in project area while it is 18.2% in non-project area. Percentage of facilities, offering antenatal care services is 100% in project area while it is 98.5% in non-project area. Percentage of facilities, offering postpartum care services is 100% in project area while it is 95.5% in non-project area. Percentage of facilities, offering gynecological examination care services is 98.6% in project area while it is 97% in non-project area. Percentage of facilities, offering obstetric complication care services is 77.5% in project area while it is 68.2% in non-project area. Percentage of facilities, offering RTI/STD diagnosis and treatment services is 88.7% in project area while it is 86.4% in non-project area. Percentage of facilities, offering HIV/AIDS testing services is 7.0% in project area while it is 6.1% in non-project area. Percentage of facilities, offering HIV/AIDS counseling services is 73.2% in project area while it is 71.2% in non-project area. Percentage of facilities, offering child care services is 97.2% in project area while it is 93.9% in non-project area.

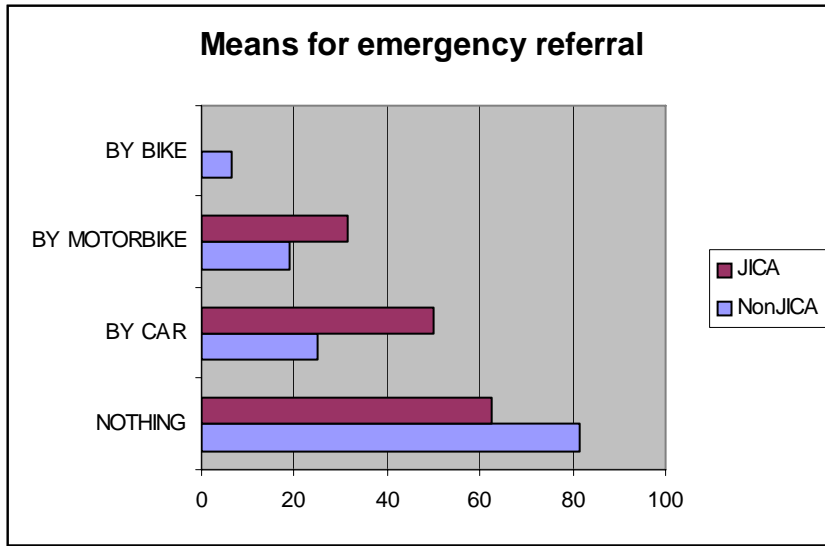
Chart 20: Services offered



Source: Author made

Comparing the means of transportation the facilities use for emergency referral, we know that readiness of reproductive services is more available in project area. Percentage of facilities, using nothing for emergency referral, meaning the client’s family members take care by themselves is 81.3% in non-project area while this rate is 62.5% in project area. Percentage of facilities, using bicycle for emergency referral is 6.3% in non-project area while it is 0% in project area. In contrast, percentage of facilities, using car for emergency referral is 50% in project area while this rate is 25% in non-project area. Percentage of facilities, using motorbike for emergency referral is 31.3% in project area while this rate is 18.8% in non-project area.

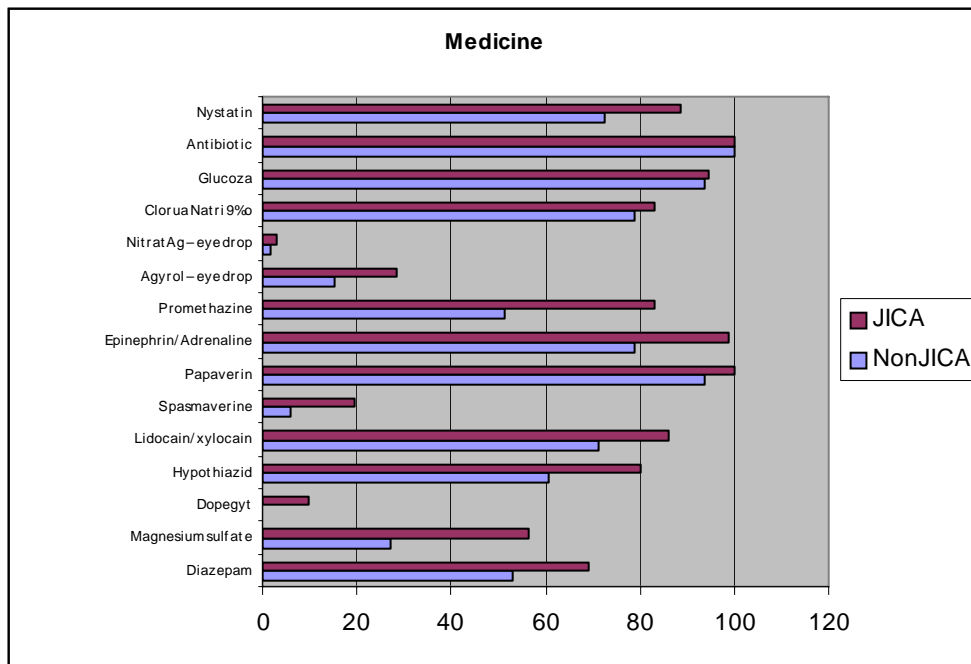
Chart 21: Means for emergency referral



Source: author made

Observing medicine availability, we see that medicine is more available in project area. Percentage of facilities, which have Diazepam is 53% in non project area and 69% in project area. Percentage of facilities, which have Magnesium sulfate is 27.3% in non project area and 56.3% in project area. Percentage of facilities, which have Dopegyt is 0% in non project area and 9.9% in project area. Percentage of facilities, which have Hypothiazid is 60.6% in non project area and 80.3% in project area. Percentage of facilities, which have Lidocain/xylocain is 71.2% in non project area and 85.9% in project area. Percentage of facilities, which have Spasmaverine is 6.1% in non project area and 19.7% in project area. Percentage of facilities, which have Papaverin is 93.9% in non project area and 100% in project area. Percentage of facilities, which have Epinephrin/Adrenaline is 78.8% in non project area and 98.6% in project area. Percentage of facilities, which have Promethazine is 51.5% in non project area and 83.1% in project area. Percentage of facilities, which have Agyrol – eye drop is 15.2% in non project area and 28.2% in project area. Percentage of facilities, which have NitratAg – eye drop is 1.5% in non project area and 2.8% in project area. Percentage of facilities, which have Clorua Natri 9%o is 78.8% in non project area and 83.1% in project area. Percentage of facilities, which have Glucoza is 93.9% in non project area and 94.4% in project area. Percentage of facilities, which have Antibiotic is 100% in non project area and 100% in project area. Percentage of facilities, which have Nystatin is 72.7% in non project area and 88.7% in project area.

Chart 22: Medicine available



Source: Author made

The conclusion is that there is difference in all indicators of the reproductive health facilities in the project area and non project area. Indicators of project area show bigger number than those on nonproject area. Quality of services in project area is better than the quality of services on non project area. From this cross anlysis we can conclude that the project has good impact on the quality of reproductive health in Nghe An province.

Attachment: Database

Variable	NonJICA(%)	JICA(%)
B06- TELEPHONE SERVICE AVAILABLE		
1 NONE	18.2	4.2
2 FEW	62.1	71.8
3 MANY	19.7	23.9
B07- ELECTRICITY		
1 NONE	21.2	15.2
2 FREQUENT	63.6	84.5
B08 PRIMARY SOURCE OF WATER		
1= PIPED	9.1	0
2 = DEEP WELL	7.6	16.9
3 = SHALLOW WELL	53.0	76.6
4 = RAIN COLLECTION	1.5	4.2
5 = RIVER/ CANAL/ POND	25.8	4.2
6 =OTHER	3	0
C09-THERE A SIGN OR POSTER ADVERTISING THE AVAILABILITY OF SERVICES OUTSIDE		
	18.2	12.7

INSIDE	33.3	63.4
BOTH OUTSIDE AND INSIDE	15.2	18.3
THERE IS NO	33.3	5.6
C10a OB/GYN SPECIALITIES INCLUDED IN SIGNBOARD		
OUTSIDE	20.5	7.5
INSIDE	52.3	68.7
BOTH OUTSIDE AND INSIDE	9.1	14.9
THERE IS NO	18.2	9.0
C10b MIDWIFERY SPECIALITIES INCLUDED IN SIGNBOARD		
OUTSIDE	11.4	3.0
INSIDE	38.6	59.7
BOTH OUTSIDE AND INSIDE	0	4.5
THERE IS NO	50.0	32.8
C10c OTHER SPECIALITIES INCLUDED IN SIGNBOARD		
OUTSIDE	2.3	7.5
INSIDE	20.5	10.4
BOTH OUTSIDE AND INSIDE	9.1	7.5
THERE IS NO	68.2	74.6
C11 WAITING SEAT FOR CLIENTS		
THERE IS NO	39.4	28.2
YES, NOT ENOUGH	33.3	38
ENOUGH	27.3	33.8
C12 WORKING TOILET/LATRINE AVAILABLE FOR CLIENTS		
THERE IS	63.6	95.8
THERE IS< BUT NOT USE	9.1	4.2
THERE IS NO	27.3	0
C13-THERE IS DESIGNED AREA FOR EXAMINATION	27.3	45.1
C14-THERE DESIGNED AREA FOR COUNSELING	39.4	47
C15A-THERE IS PRIVACY AREA WHERE PEOPLE CAN NOT SEE AVAILABLE FOR EXAMINATION	86.4	93.0
C15B-THERE IS PRIVACY AREA WHERE PEOPLE CAN NOT SEE AVAILABLE FOR EXAMINATION	33.3	40.8
C16A- THERE IS PRIVACY AREA WHERE PEOPLE CAN NOT HEAR AVAILABLE FOR EXAMINATION	78.8	87.3
C16B- THERE IS PRIVACY AREA WHERE PEOPLE CAN NOT HEAR AVAILABLE FOR COUNSELING	30.3	38
C17-EXAMINATION AREA IS CLEAN	90.9	98.6
C18-THERE IS AN ADEQUATE SOURCE OF LIGHT IN THE EXAMINATION AREA? (“SOURCE” IS ANY SOURCE OF LIGHT)	80.3	95.8
C19-THERE IS AN ADEQUATE AMOUNT OF SAFE WATER AVAILABLE IN THE EXAMINATION AREA	59.1	97.2
C20-THERE IS RECOVERY ROOM	75.8	90.1

C21-THE RECOVERY ROOM IS CLEAN	86	93.8
C22A-IT IS WELL – VENTILATED	86.4	97.2
C22B-NO DIRT COME THROUGH	66.7	91.5
C22C-WINDOWS HAVE A SCREEN/CURTAIN	54.5	90.1
C22D-CEILING LAMPS WORK	71.2	83.1
C22E-SPOT LIGHTS WORK	34.8	83.1
C22F-THERE IS LAMP/LANTERN TO USE WHEN THE CURRENT IS OUT	36.4	54.9
C22G-THERE IS A CONTAINER OF ALREADY BOILED WATER	69.7	81.7
C22H-THERE IS A CONTAINER OF ALREADY BOILED WATER WITH A WOODEN HAND LONGER THAN 20CM	42.4	81.7
C22I-THE FLOOR IS CLEAN	74.2	94.4
C22J-THERE IS A CABINET FOR EQUIPMENT	60.6	97.2
C22K-THERE IS OXYTOCIN OR ERGOMETRIN	83.3	100
C22L-THERE IS A KIT FOR NEONATE RESUSCITATION (CATHETER WITH 4-5 MM IN DIAMETER 20 ML BULB SYRINGE FOR SUCTIONING INFANT, STERILE COMPRESSES, TWO RESUSCITATING BALLOON	31.8	85.9
C22M-RESUSCITATION BOX IS STORED IN A SEPARATE STERILE TRAY	18.2	73.2
C22N-CLEAN, STERILE CLOTH FOR COVERING INSTRUMENT	36.4	64.8
C22O-BOILED SOAP IN CLOSED BOX	39.4	90.1
C22P-USED WATER IS DRAINED INTO A CLOSED TANK OUTSIDE LABOR ROOM	21.2	39.4
C231-DELIVERY ROOM FLOOR IS PAVED WITH CEMENT	57.6	16.9
C231-DELIVERY ROOM FLOOR IS PAVED WITH GLAZED BRICK	42.4	81.3
C241- DELIVERY ROOM WALL IS PAVED WITH WHITE WHASH	60.6	8.5
C242- DELIVERY ROOM WALL IS PAVED WITH GLAZED BRICK AT 1.2 M HIGH	37.9	91.5
C251- DELIVERY ROOM CEILING IS BRICK ROOF	18.2	0

C252-DELIVERY ROOM CEILING IS MADE OF BAMBOOMAT/PLYWOOD/RAIN PROOF CLOTH	57.6	43.7
C253- CEMENT CEILING	24.2	56.3
D27-IEC MATERIAL AVAILABLE IN THIS FACILITY? (OBS)		
a-ANTENATAL CARE/DELIVERY	92.4	95.8
b- POST-PARTUM CARE	81.8	81.7
c-FAMILY PLANNING	89.4	97.2
d-BREASTFEEDING	80.3	78.9
e- CHILDWELFARE (IMMUNIZATION, CHILD GROWTH MONITORING)	83.3	94.4
f- MOTHER NUTRITION	83.3	87.3
g- RTI/STD PREVENTION	78.8	80.3
i- AIDS PREVENTION	15.2	16.9
D28c-IEC materials from JICA	36.4	97.2
D291-FACILITY HAS ENOUGH IEC MATERIALS	9.1	42.3
D292-FACILITY HAS NOT ENOUGH IEC MATERIALS	75.8	47.9
D291-FACILITY HAS NO IEC MATERIALS	15.2	9.9
D30a1- TELEPHONE SERVICE AVAIL ABLE IN THIS FACILITY	27.3	29.6
D30a2- TELEPHONE SERVICE AVAILABLE SOMETIMES IN THIS FACILITY	3.0	1.4
D30a3- TELEPHONE SERVICE IS NOT AVAILABLE IN THIS FACILITY	69.7	69.0
D30b1- ELECTRICITY POWER IS FREQUENTLY AVAILABLE IN THIS FACILITY	78.8	95.8
D30b2- ELECTRICITY POWER IS INFREQUENTLY AVAILABLE IN THIS FACILITY	7.6	4.2
D30b3- ELECTRICITY POWER IS NOT AVAILABLE IN THIS FACILITY	13.6	0
D30c2-THE PRIMARY SOURCE OF WATER IN THIS FACILITY IS DEEP WELL	12.1	28.2
D30c5-THE PRIMARY SOURCE OF WATER IN THIS FACILITY IS RIVER/ CANAL/ POND	25.8	0
LABS AVAILABLE IN THIS FACILITY		

D31a-VAGINAL DISCHARGE SMEAR (WET MOUNT)	6.1	11.3
D31b-GRAM STAIN	3.0	8.5
D31c-PREGNANCY TEST	56.1	85.9
D31d-COMMON BLOOD TESTS	22.7	16.9
D31e-URINE ANALYSIS	22.7	32.4
D33-MATERNITY SERVICES AVAILABLE ALL THE TIME, INCLUDING AT NIGHT AND AT WEEKENDS	97	98.6
SERVICES OFFERED		
D34a-FP COUNSELING	97	98.6
D34b- FP SERVICES	100	100
D34c- MENSTRUAL REGULATION/ ABORTION INCLUDING MANAGEMENT OF ABORTION COMPLICATION	18.2	22.5
D34d-ANTENATAL CARE (including delivery)	98.5	100
D34e- POSTPARTUM CARE	95.5	100
D34h-GYNECOLOGICAL EXAMINATION/CARE	97	98.6
D34i- OBSTETRIC COMPLICATION	68.2	77.5
D34j-STD/RTI DIAGNOSIS & TREATMENT	86.4	88.7
D34l- HIV/AIDS TESTING	6.1	7.0
D34m- HIV/AIDS COUNSELING	71.2	73.2
D34o-CHILD Care	93.9	97.2
IN CASE OF EMERGENCY REFERRAL, WHAT MEANS FACILITIES USE		
D35a-NOTHING	81.3	62.5
D35b-BY CAR	25	50
D35c-BY MOTORBIKE	18.8	31.3
D35d-BY BIKE	6.3	0
MEDICINE AVAILABLE		
D381a-Diazepam	53	69
D381b-Magnesium sulfate	27.3	56.3
D381c-Dopegyt	0	9.9
D381d-Hypothiazid	60.6	80.3

D382a- Lidocain/xylocain	71.2	85.9
D382b- Paracetamol	100	98.6
D383a- Spasmaverine	6.1	19.7
D383b- Papaverin	93.9	100
D384a- Epinephrin/Adrenaline	78.8	98.6
D384b- Promethazine	51.5	83.1
D386- Agyrol – eye drop	15.2	28.2
D387- NitratAg – eye drop	1.5	2.8
D388a- Clorua Natri 9%o	78.8	83.1
D388b- Glucoza	93.9	94.4
D389-Antibiotic	100	100
D3810a-Nystatin	72.7	88.7
D3810b-Clotrimazole	72.7	71.8

Attachment: Questionnaire

**BASED-LINE SURVEY ON R.H OF PUBLIC SITE
IN NGHE AN PROVINCE 2001**

FACILITY INVENTORY	
A. FACILITY IDENTIFICATION	
A01	NAME _____ OF _____ FACILITY _____
A	DISTRICT _____ COMMUNE _____
b	DID FACILITY RECEIVE JICA's SUPPORT PHASES 1 1=YES 2=NO
c	RURAL/URBAN 1=URBAN (WARD/PRECINCT) 2=RURAL (COMMUNE)

d	TYPE OF SERVICE: 1 = DISTRICT HOSPITAL/ DEPARTMENT OF OBGYN/FP 2 = COMMUNE HEALTH STATION (CHS)	<input type="checkbox"/>
A02	SUMMARY OF QUESTIONNAIRES COMPLETED AT THE FACILITY	
a	NUMBER OF STAFF INTERVIEWS _____	<input type="checkbox"/>
b	ANC CLIENT EXIT INTERVIEWS _____	<input type="checkbox"/>
d	RTI CLIENT EXIT INTERVIEWS _____	<input type="checkbox"/>
f	ABORTION/MR OBSERVATIONS _____	<input type="checkbox"/>
g	RTI/STI OBSERVATIONS _____	<input type="checkbox"/>
h	ANC OBSERVATIONS _____	<input type="checkbox"/>
i	WHEN IS THE FACILITY OPEN AND CLOSE? OPENING TIME.....LUNCH BREAK.....CLOSING TIME.....	<input type="checkbox"/>
k	NUMBER OF DAYS/WEEK AND HOURS/DAY RH OFFERED AT THIS HEALTH FACILITY? NO.OF DAYS PER WEEK..... NO. OF HOURS PER DAY.....	<input type="checkbox"/>
l	AT WHAT TIME WAS THE FIRST RH CLIENT SEEN TODAY?AM/PM	<input type="checkbox"/>
m	AT WHAT TIME WAS THE LAST RH CLIENT SEEN TODAY?AM/PM	<input type="checkbox"/>
	NAME OF INTERVIEWER:- _____ NAME OF TEAMLEADERS _____ NAME OF SUPERVISORS _____	DATE _____ DATE _____ DATE _____

B. COMMUNITY CHARACTERISTICS		
B0 3	DISTANCE IN MINUTES, BY MOST USUAL MODE OF TRANSPORTATION TO HIGHER LEVEL HOSPITAL _____ MINUTES	<input type="text"/> <input type="text"/> <input type="text"/>
B0 4	TYPE OF ROAD 1 PAVED 2 TAR 3 PACKED ROCK 4 DIRT 5 RIVER 6 OTHER _____	<input type="checkbox"/>
B0 5	MAIN ECONOMIC ACTIVITIES OF THE COMMUNITY 1 AGRICULTURE 2 FISHING 3 MANUFACTURING 4 MIXED 5 OTHER _____	<input type="checkbox"/>
B0 6	TELEPHONE SERVICE AVAILABLE 1 NONE 2 FEW 3 MANY	<input type="checkbox"/>
B0 7	ELECTRICITY 1 NONE 2 INFREQUENT 3 FREQUENT	<input type="checkbox"/>
B0 8	PRIMARY SOURCE OF WATER 1= PIPED 2 = DEEP WELL 3 = SHALLOW WELL 4 = RAIN COLLECTION 5 = RIVER/ CANAL/ POND 6 =OTHER	<input type="checkbox"/>

C. FACILITY OBSERVATION

NO.	QUESTIONS	CODE CLASSIFICATION
-----	-----------	---------------------

		YES, OUTSIDE	YES, INSIDE	YES, BOTH	NO	
		1	2	3	4	
C09	IS THERE A SIGN OR POSTER ADVERTISING THE AVAILABILITY OF SERVICES?					<input type="checkbox"/>
C10	SPECIALTIES INCLUDED IN SIGNBOARD?					<input type="checkbox"/>
	OB/GYN					<input type="checkbox"/>
	MIDWIFERY					<input type="checkbox"/>
	OTHER SPECIALTIES					<input type="checkbox"/>
C11	WAITING SEATS FOR CLIENTS 1=NONE 2=YES, NOT ENOUGH 3=YES, ENOUGH					<input type="checkbox"/>

C19	IS AN ADEQUATE AMOUNT OF SAFE WATER AVAILABLE IN THE EXAMINATION AREA? 1=YES 2=NO COMMENT:.....	<input type="checkbox"/>
C20	IS THERE ANY RECOVERY ROOM? 1=YES 2=NO ⇒ C 22 COMMENT:.....	<input type="checkbox"/>
C21	IS THE RECOVERY ROOM CLEAN? 1=YES 2=NO	<input type="checkbox"/>
C22	DELIVERY ROOM	
	IS IT WELL – VENTILATED?	1 2 <input type="checkbox"/>
	DOES DIRT COME THROUGH?	1 2 <input type="checkbox"/>
	DOES THE WINDOW HAVE A SCREEN/CURTAIN?	1 2 <input type="checkbox"/>
	DOES THE CEILING LAMP WORK?	1 2 <input type="checkbox"/>
	IS THE SPOT LIGHT WORKING?	1 2 <input type="checkbox"/>
	IS THERE ANY LAMP/LANTERN TO USE WHEN THE CURRENT IS OUT?	1 2 <input type="checkbox"/>
	IS THERE A CONTAINER OF ALREADY BOILED WATER?	1 2 <input type="checkbox"/>
	IS THERE A CONTAINER OF ALREADY BOILED WATER WITH A WOODEN HAND LONGER THAN 20CM ?	1 2 <input type="checkbox"/>
	IS THE FLOOR CLEAN?	1 2 <input type="checkbox"/>
	IS THERE A CABINET FOR EQUIPMENT?	1 2 <input type="checkbox"/>
	IS THERE ANY OXYTOCIN OR ERGOMETRIN	1 2 <input type="checkbox"/>
	IS THERE A KIT FOR NEONATE RESUSCITATION (CATHETER WITH 4-5 MM IN DIAMETER 20 ML BULB SYRINGE FOR SUCTIONING INFANT. STERILE	1 2 <input type="checkbox"/>

	COMPRESSES, TWO RESUSCITATING BALLOON			
	RESUSCITATION BOX IS STORED IN A SEPARATE STERILE TRAY	1	2	<input type="checkbox"/>
	CLEAN, STERILE CLOTH FOR COVERING INSTRUMENT	1	2	<input type="checkbox"/>
	BOILED SOAP IN CLOSED BOX	1	2	<input type="checkbox"/>
	USED WATER IS DRAINED INTO A CLOSED TANK OUTSIDE LABOR ROOM	1	2	<input type="checkbox"/>
C23	DELIVERY ROOM FLOOR 1= PAVED WITH CEMENT/BRICK 2=PAVED WITH GLAZED BRICK 3= other (SPECIFY)			<input type="checkbox"/>
C24	DELIVERY ROOM WALL 1= COATED WITH WHITE- WHASH 2= PAVED WITH GLAZED BRICK AT 1.2 M HIGH 3= other (specify)			
C25	DELIVERY ROOM CEILING 1= NO CEILING, ONLY BRICK ROOF 2= CEILING MADE OF BAMBOOMAT/PLYWOOD/RAIN PROOF CLOTH 3= CEMENT CEILING 4= OTHERS			

FIND THE MANAGER OR HIGHEST LEVEL HEALTH PERSON PRESENT AT THE FACILITY. READ THE FOLLOWING GREETING:
HELLO. I AM REPRESENTING THE POPULATION COUNCIL- A PUBLIC HEALTH RESEARCH ORGANIZATION. WE ARE CARRYING OUT A SURVEY OF HEALTH FACILITIES THAT PROVIDE SERVICES TO WOMEN AND CHILDREN WITH THE GOAL OF FINDING WAYS TO IMPROVE SERVICE DELIVERY. WE WOULD BE INTERESTED IN TALKING TO YOU ABOUT THIS FACILITY AND YOUR EXPERIENCES IN PROVIDING HEALTH SERVICES. PLEASE BE ASSURED THAT THIS DISCUSSION IS STRICTLY CONFIDENTIAL. YOU MAY CHOOSE TO STOP THE INTERVIEW OR REFUSE TO ANSWER QUESTIONS AT ANY TIME. MAY I CONTINUE?

NO.	QUESTIONS	CODING CLASSIFICATION	GO TO

C26	PERMISSION RECEIVED TO CONTINUE?	YES	1	^STOP
		NO.....	2	

D. GENERAL INFORMATION (ASK AND/OR OBSERVE)

NO.	QUESTIONS	CODING CLASSIFICATION		
		YES	NO	
D27	WHAT ARE IEC MATERIAL AVAILABLE IN THIS FACILITY? (OBS)			<input type="checkbox"/>
	ANTENATAL CARE/DELIVERY	1	2	<input type="checkbox"/>
	POST-PARTUM CARE	1	2	<input type="checkbox"/>
	FAMILY PLANNING	1	2	<input type="checkbox"/>
	BREASTFEEDING	1	2	<input type="checkbox"/>
	CHILDWELFARE (IMMUNIZATION, CHILD GROWTH MONITORING)	1	2	<input type="checkbox"/>
	MOTHER NUTRITION	1	2	<input type="checkbox"/>
	RTI/STD PREVENTION	1	2	<input type="checkbox"/>
	AIDS PREVENTION	1	2	<input type="checkbox"/>
	OTHER (SPECIFY) _____	1	2	<input type="checkbox"/>
D28	WHERE DID THE IEC MATERIALS COME FROM?			
	MOH/PROVINCIAL HEALTH SERVICE	1	2	<input type="checkbox"/>
	NCPFP/PCPFP	1	2	<input type="checkbox"/>
	JICA	1	2	<input type="checkbox"/>
	INTERNATIONAL ORGANIZATION	1	2	<input type="checkbox"/>
	OTHERS (SPECIFY) _____	1	2	<input type="checkbox"/>
D29	DID YOU HAVE SUFFICIENT AMOUNT OF IEC MATERIAL? 1=YES, ENOUGH 2= YES, NOT ENOUGH 3= NO			<input type="checkbox"/>
D30a	IS TELEPHONE SERVICE AVAIL ABLE IN THIS FACILITY?			<input type="checkbox"/>

	1= YES 2= SOMETIMES 3= NO	
b	IS ELECTRICITY POWER FREQUENTLY AVAILABLE IN THIS FACILITY? 1 = NONE 2 = INFREQUENT 3 = FREQUENT	<input type="checkbox"/>
c	WHAT IS THE PRIMARY SOURCE OF WATER IN THIS FACILITY? 1 PIPED 2 DEEP WELL 3 SHALLOW WELL 4 RAIN COLLECTION 5 RIVER/ CANAL/ POND 6 OTHER _____	<input type="checkbox"/>
D31	WHICH LAB TESTS DO YOU PERFORM HERE OR REFER?	DO HEREREFER
	VAGINAL DISCHARGE SMEAR (WET MOUNT)	1 2 <input type="checkbox"/> <input type="checkbox"/>
	GRAM STAIN	1 2
	PREGNANCY TEST	1 2 <input type="checkbox"/>
	COMMON BLOOD TESTS	1 2 <input type="checkbox"/>
	URINE ANALYSIS	1 2 <input type="checkbox"/>
	OTHER _____	1 2 <input type="checkbox"/>

D32	HOW MANY OF THE FOLLOWING PERSONNEL WORK IN THIS FACILITY?	(CODE ACTUAL NUMBER)
	OB/GYN SPECIALIST _____	<input type="text"/> <input type="text"/>
	OB/GYN ASSISTANT PHYSICIAN	<input type="text"/> <input type="text"/>
	MIDWIFE _____	<input type="text"/> <input type="text"/>
	NURSE _____	<input type="text"/> <input type="text"/>
	OTHER PHYSICIAN/ ASSISTANT PHYSICIAN _____	<input type="text"/> <input type="text"/>
	OTHER _____	<input type="text"/> <input type="text"/>

D33	ARE MATERNITY SERVICES AVAILABLE ALL THE TIME, INCLUDING AT NIGHT AND AT WEEKENDS 1=YES 2= No,			<input type="checkbox"/>
D34	WHICH OF THE FOLLOWING SERVICES DO YOU PROVIDE IN THIS FACILITY?	YES	NO	
	FP COUNSELING	1	2	<input type="checkbox"/>
	FP SERVICES			<input type="checkbox"/>
	MENSTRUAL REGULATION/ ABORTION (INCLUDING MANAGEMENT OF ABORTION COMPLICATION)			<input type="checkbox"/>
	ANTENATAL CARE (including delivery)	1	2	<input type="checkbox"/>
	POSTPARTUM CARE	1	2	<input type="checkbox"/>
	ASSISTED BIRTH (DELIVERY WITH FOOCXEP DELIVERY BY VACUUM EXTRACTOR)	1	2	<input type="checkbox"/>
	PERFORMING SURGICAL GYNECOLOGICAL OPERATION/ PROCEDURES	1	2	<input type="checkbox"/>
	GYNECOLOGICAL EXAMINATION/CARE	1	2	<input type="checkbox"/>
	OBSTETRIC COMPLICATION	1	2	<input type="checkbox"/>
	STD/RTI DIAGNOSIS & TREATMENT			<input type="checkbox"/>
	STD/RTI COUNSELING	1	2	<input type="checkbox"/>
	HIV/AIDS TESTING	1	2	<input type="checkbox"/>
	HIV/AIDS COUNSELING	1	2	<input type="checkbox"/>
	ULTRASOUND DIAGNOSTIC	1	2	<input type="checkbox"/>
	CHILD Care	1	2	<input type="checkbox"/>
	OTHER (SPECIFY)	1	2	
D35	IN CASE OF EMERGENCY REFERRAL, WHAT MEANS YOUR FACILITIES USE			
	NOTHING	1	2	<input type="checkbox"/>
	BY CAR			<input type="checkbox"/>
	BY MOTORBIKE	1	2	

	BY BIKE	1	2	<input type="checkbox"/>
	OTHER (SPECIFY) _____	1	2	<input type="checkbox"/>
D36	IS THERE PREGNANT WOMEN TRANSFERRED TO DISTRICT HOSPITAL LAST YEAR 1= YES 2= NO-→ D 38			
D37	IF YES, WHAT CONDITION	NUMBER		
	HYPERTENSION/HYPOXEMIA			
	ECLAMPSIA			
	SEVERE ANEMIA			
	BLEEDING IN PREGNANCY BEFORE LABOR			
	MALPRESENTATION			
	DYSFUNCTIONAL LABOR			
	UTERIN RUPTURE			
	POSTPARTUM HEMORRHAGE			
	POSTPARTUM INFECTION			
	OTHER (SPECIFY)			

D38. WHICH ESSENTIAL DRUGS ARE AVAILABLE IN YOUR FACILITY

1=YES

2=NO

Commune level			District level		
Treatment of toxemia eclampsia			Treatment of toxemia eclampsia		
Diazepam	1	2	Diazepam	1	2
Magnesium sulfate	1	2	Magnesium sulfate	1	2
Dopegyt	1	2	Dopegyt	1	2
Hypothiazid			Hypothiazid		
Pain relief/killer			Pain relief /killer		
Lidocain/xylocain	1	2	Lidocain/xylocain	1	2
Paracetamol	1	2	Paracetamol	1	2
Anti-spasmodique			Anti-spasmodique		
Spasmaverine	1	2	Spasmaverine	1	2
Papaverin	1	2	Papaverin	1	2
For allergia and shock treatment			For allergia and shock treatment		
Epinephrin/Adrenaline	1	2	Epinephrin/Adrenaline	1	2
Promethazine	1	2	Promethazine	1	2
Tetanic Toxoid	1	2	Tetanic Toxoid	1	2
Agyrol – eye drop	1	2	Agyrol – eye drop	1	2
NitratAg – eye drop	1	2	NitratAg – eye drop	1	2
Infusion solutions			Infusion solutions		
Clorua Natri 9%o	1	2	Clorua Natri 9%o	1	2
Glucoza	1	2	Glucoza	1	2
Anti-biotics	1	2	Anti-biotics	1	2
Anti-fungal			Anti-fungal		
Nystatin	1	2	Nystatin	1	2
Clotrimazole	1	2	Clotrimazole	1	2
Oxytocique			Oxytocique	1	2
Oxytocin	1	2	Oxytocin	1	2
	1	2	Ergometrin	1	2
			Medicine for Anesthesia		
			Ether	1	2

D40	WHICH OF THE FOLLOWING EQUIPMENT ARE AVAILABLE IN THIS FACILITY? (USABLE)	Yes	No	NUMBER OF EQUIPMENT IN WORKING ORDER			
				TOTAL	NUMBER OF EQUIPMENT WITH LOW QUALITY	NUMBER OF EQUIPMENT WHICH NEVER BEEN USED	
						Total	Reasons
	STETHOSCOPE	1	2	<input type="checkbox"/>	<input type="checkbox"/>		
	OBSTETRICAL	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	(TAPE METER) MEASURING TAPE	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	PELVIC METER	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	DISPOSAL SYRINGE	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	RE-USABLE SYRINGE	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	DISPOSABLE GLOVES	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	RE-USABLE GLOVES	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	SCALE FOR CHILDREN	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	SCALE FOR ADULTS	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	BLOOD PRESSURE GAUGE	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	KAMAN SYRINGE	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	DOPPLER FOR FETAL HEART RATE	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	DELIVERY KIT	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	GYNECOLOGIC EXAMINATION SET	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Fooc xep	1	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IUD KIT	1	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MR KIT	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DOUBLE VALVE KAMAN SYRINGE FOR LATER ABORTION	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ABORTION KIT	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
EPISOTOMY KIT	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CESAREAN SECTION KIT	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
STERILIZED BOILING INSTRUMENT TYPE	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AUTOCLAVE	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DRY HEAT STERILIZER	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LAMP FOR OPERATION	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SPOT LIGHT LAMP	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
VACCUM ASPIRATOR (ELECTRIC)	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
X-RAY MACHINE	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MACHINE FOR ANESTHESIA	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CATHETER FOR SUCTIONING BABY	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AMBOU BALLOON	1	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

STERILE THREAD FOR UMBILICAL CORD	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
TRAY FOR EQUIPMENT	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
DRUM FOR COTTON AND COMPRESS	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
CONTAINER FOR MEDICAL INSTRUMENTS	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
INCUBATOR FOR NEW BORN	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
DELIVERY TABLE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
GYNECOLOGICAL EXAM TABLE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
OPERATING TABLE			<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

D41	WHAT MEANS FREQUENTLY AVAILABLE AT THIS FACILITY?	YES NO			QUANTITY
		1	2	<input type="checkbox"/>	
	LEAN DELIVERY PACK (KIT)	1	2	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/>
	IRON TABLET (BOTTLE, TABLET)	1	2	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/>
	OTHER (SPECIFY) _____ —	1	2	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/>

E. RECORD KEEPING AND REPORTING

E42	IS ANY CLIENT'S RECORD SYSTEM IN USE? 1=YES 2=NO →PART F	<input type="checkbox"/>			
E43	IF YES, WHICH OF THE FOLLOWING?	YES	NO		
	LOG BOOK	1	2	<input type="checkbox"/>	
	CLINICAL RETAINED RECORD CARD	1	2	<input type="checkbox"/>	
	PREGNANT MANAGEMENT BOOKS/ DELIVERY BOOKS.....	1	2	<input type="checkbox"/>	
	OTHER (FAMILY PLANNING BOOKS...;				
E44	IF YES IN E43a, IN WHAT CONDITION IS THE LOG BOOK 1 = WELL ORDERED 2 = PARTIALLY ORDERED, STILL USABLE 3 = DISORDERED, NOT USABLE	<input type="checkbox"/>			
E45	IF YES IN E43b, IN WHAT CONDITION IS THE RECORD-CARD SYSTEM 1 = WELL ORDERED 2 = PARTIALLY ORDERED, STILL USABLE 3 = DISORDERED, NOT USABLE	<input type="checkbox"/>			
E46	IF YES IN E43c, IN WHAT CONDITION ARE THESE BOOKLETS 1 = WELL ORDERED	<input type="checkbox"/>			

	2 = PARTIALLY ORDERED, STILL USABLE 3 = DISORDERED, NOT USABLE			
E47	DOES PROVIDER KNOW HOW TO USE THESE BOOKLETS FOR PREGNANT WOMEN MANAGEMENT 1= YES 2= NO		<input type="checkbox"/>	
E48	IF YES IN E43D, IN WHAT CONDITION IS THE BOOKLET 1 = WELL ORDERED 2 = PARTIALLY ORDERED, STILL USABLE 3 = DISORDERED, NOT USABLE		<input type="checkbox"/>	
E49	WHAT ARE THE RECORDS USED FOR?	1	2	<input type="checkbox"/>
	REPORTS WRITING	1	2	<input type="checkbox"/>
	FOLLOW-UP CLIENTS WHEN THEY DO NOT RETURN	1	2	<input type="checkbox"/>
	KEEPING TRACK OF CLIENTS' MEDICAL EXPERIENCE	1	2	<input type="checkbox"/>
	OTHER (SPECIFY) _____	1	2	<input type="checkbox"/>
E50	IF RECORDS ARE USED TO WRITE REPORTS, IS FEEDBACK RECEIVED ON REPORTS? 1=YES, ENOUGH 2 = YES, NOT ENOUGH 3=NO		<input type="checkbox"/>	

F. IMMUNIZATION SERVICES

NO.	QUESTIONS	CODING CLASSIFICATION
-----	-----------	-----------------------

F51	DOES THIS HEALTH FACILITY USUALLY PROVIDE THE FOLLOWING IMMUNIZATION SERVICE. 1= YES 2=NO --→ PART G			<input type="checkbox"/>
	BCG	1	2	<input type="checkbox"/>
	POLIO	1	2	<input type="checkbox"/>
	DPT	1	2	<input type="checkbox"/>
	MEASLES	1	2	<input type="checkbox"/>
	HEPATITIS B	1	2	<input type="checkbox"/>
	JAPAN CEPHALITIS B	1	2	<input type="checkbox"/>
	ANTI TETANIC TOXOID FOR ANC CLIENTS	1	2	<input type="checkbox"/>
	OTHERS (SPECIFIED) _____	1	2	<input type="checkbox"/>

G. COMMODITY MANAGEMENT

G. 52	IS THERE PROPERTY INVENTORY BOOK FOR	YES	NO	
	FIXED PROPERTY	1	2	<input type="checkbox"/>
	WORN OUT PROPERTY	1	2	<input type="checkbox"/>
	MEDICINES	1	2	<input type="checkbox"/>
	CONTRACEPTIVES	1	2	<input type="checkbox"/>
	MCH/FP EQUIPMENT	1	2	<input type="checkbox"/>
	OTHER _____	1	2	<input type="checkbox"/>
G.5 3	IS THERE AN INVENTORY OF COMMODITIES? 1= YES 2= NO →G 55			<input type="checkbox"/>
G.5	(IF YES) HOW FREQUENTLY THE			<input type="checkbox"/>

4	INVENTORY IS PROVIDED? 1= EVERY 6 MONTHS 2= EVERY YEAR 3= EVERY 2 YEARS 4= OTHER (SPECIFY)- _____	
G.5 5a	ARE FP COMMODITIES AND DRUGS STORED ACCORDING TO THEIR EXPIRY DATE? 1= YES 2= NO	<input type="checkbox"/>
G.5 5b	ARE STORAGE FACILITIES FOR COMMODITIES ADEQUATE? (ADEQUATE MEANS NO EXPOSURE TO RAIN AND SUN, PROTECTED FROM SUN LIGHT, RAIN, RATS AND PETS) 1= YES 2= NO	<input type="checkbox"/>
G.5 6	IS THERE ANY SUPERVISION FROM HIGHER LEVEL IN THE LAST 6 MONTHS? 1= YES 2= NO →H 59 3= DON'T KNOW →H 59	<input type="checkbox"/>
G.5 7	If yes, how many time _____	<input type="text"/> <input type="text"/>
G.5 8	WHAT DID THE SUPERVISOR DO DURING THEIR VISITS? (do not read but ask “ any more”)?	yES nO
	Checking ALL THE SERVICES ARE PROVIDED	1 2 <input type="checkbox"/> <input type="checkbox"/>
	CHECKING ONLY ONE SPECIFIC SERVICE IS PROVIDED	1 2 <input type="checkbox"/> <input type="checkbox"/>
	ASKING FOR ANY PROBLEM IN THE FACILITY	1 2 <input type="checkbox"/> <input type="checkbox"/>
	CHECKING THE REPORT RECORDING AND REPORTING	1 2 <input type="checkbox"/>
	RECOMMENDATIONS FOR IMPROVING	1 2

	THE SERVICE QUALITY		
	ENCOURAGEMENT AND MOTIVATION	1	2
	OTHER (SPECIFIED) _____ _____	1	2

H. DISPOSAL MANAGEMENT

H. 59	IS THERE ANY EVIDENCE INDICATING THAT DISPOSABLE SYRINGES/NEEDLES ARE BEING RE-USED? 1= YES 2=NO -→H61			<input type="checkbox"/>
H.60	IF YES, SPECIFY: _____			
H. 61	WHAT IS THE DISPOSAL PROCEDURE FOR (DESCRIBE)	Completely Right	Incompletely Right	No
A	NEEDLES	1	2	<input type="checkbox"/>
B	LIQUID WASTE	1	2	<input type="checkbox"/>
C	SOLID CLINIC WASTE	1	2	<input type="checkbox"/>

I. SERVICE STATISTICS

BASED ON THE DATA OF THIS FACILITY IN 2000. IF THERE IS NO THIS DATA, PLEASE INDICATE WHAT TIME DATA IS RECODED

I62. TYPE OF STATISTIC

- 1=year
- 2= 9 months
- 3= 6 months
- 4= 3 months

I. 63	SERVICES PROVIDED	NUMBER
	COUNSELING FOR STDs	
	COUNSELING FOR FP	
	NUMBER OF WOMEN RECEIVED ANTENATAL CARE	
	NUMBER OF PREGNANCIES	
	DELIVERIES	
	NUMBER OF DELIVERIES ASSISTED BY HEALTH PROVIDER	
	NUMBER OF ANC VISIT BY WOMEN GIVING BIRTH	
	NUMBER OF DELIVERED WOMEN VACCINATED WITH 2 AT	
	NUMBER OF CHILDREN IMMUNIZATION	
	NUMBER OF PREGNANT WOMEN PROVIDED ION TABLETS	
	NUTRITION AND CHILD GROWTH MONITORING	
	NUMBER OF IUD INSERTION	

	NUMBER OF IUD REMOVAL	
	Number of CONDOM USE	
	NUMBER OF INJECTABLE USERS	
	NUMBER OF PILL USERS	
	NUMBER OF MALE STERILIZATION	
	NUMBER OF FEMALE STERILIZATION	
	MENSTRUAL REGULATION/ ABORTIONS (D&C)	
	NUMBER OF WOMEN RECEIVED GYNECOLOGICAL EXAMINATION	

Bibliography

- The World Bank. 2004. *Monitoring and Evaluation: Some tools, Methods and Approaches*. Operation Evaluation Department.
- The World Bank. 2005. *Measuring empowerment in practice: structuring analysis and framing indicators*. Policy Research Working Paper WPS3510.
- Vu Quy Nhan, Le Thi Phuong Mai. A Base Line Survey on Public Sector Reproductive Health Services in Nghe An province. 2001.
- Vu Quy Nhan, Le Thi Phuong Mai. Midterm Assessment Report on Public Sector Reproductive Health Services in Nghe An province. 2003.
- Vu Quy Nhan, Le Thi Phuong Mai. Final Assessment Report on Public Sector Reproductive Health Services in Nghe An province. 2005.