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EVALUATION OF THE VOLUNTARY
STERILIZATION PROGRAM

TABLES ON NON-GOVERNMENT ORGANISATIONS (NGOs)
FOR
JULY - SEPTEMBER 1986 QUARTER

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INTRODUCTION

In accordance with the agreement between the Government of Bangladesh (BDG) and the USAID, a protocol was signed stipulating the reimbursement by the latter of the selected costs of the BDG Voluntary Sterilization (VS) Program. Accordingly, in March 1983, USAID, Dhaka, appointed M/s. M.A. Quasem & Co. - a Bangladeshi Chartered Accountants firm to conduct quarterly audits of the voluntary sterilization of BDG clinics. The contract expired in December, 1984. However, another agreement signed between USAID and M.A. Quasem & Co. provided scope for conducting eight quarterly evaluations of the VS program covering both BDG and NGO¹ clinics beginning from January-March 1985 quarter. Under the given objectives and approved methodology, the present report, the seventh of its kind, is the evaluation of the July-September 1986 quarter of the VS program of both BDG and NGO done through a nationally representative sample survey. The report has already been submitted to the USAID, Dhaka.

The field survey of the seventh quarterly evaluation was carried out in September and October 1986. It was conducted in 50 selected upazilas of the country of which 12 upazilas were selected for evaluation of NGO clinics and the rest 38 upazilas were selected for BDG clinics only. The selected NGO clinics by upazilas are given below:

¹Non-government Organisation

<u>District/upazila</u>	<u>BAVS</u>	<u>FPAB</u>	<u>Others</u>
<u>Dinajpur</u> Sadar	x	x	
<u>Rangpur</u> Sadar	x	x	x
<u>Nilphamari</u> Sadar	x		
<u>Tangail</u> Sadar	x	x	
<u>Jessore</u> Sadar	x	x	
<u>Barisal</u> Sadar	x	x	
<u>Faridpur</u> Sadar	x	x	
<u>Pirojpur</u> Sadar	x		
<u>Comilla</u> Sadar	x	x	
<u>Bhola</u> Sadar	x		
<u>Khulna</u> Sadar	x	x	
<u>Jamalpur</u> Sadar		x	

Note: BAVS - Bangladesh Association for Voluntary Sterilization
 FPAB - Family Planning Association of Bangladesh

From those selected upazilas, 480 NGO clients were selected for field survey. Data were collected for those clients from both the clinic records and from the clients directly through personal interview.

The detailed methodology and the objectives of the evaluation are contained in the report of the evaluation of the VS program for July-September 1986 quarter and hence are not repeated here.

According to the contract, this report, containing selected tables based on weighted client sample, has been prepared separately on the findings of NGO clinics only as 'parallel tables' of the report of the seventh quarter of the evaluation of the VS program and are shown in the annexure.

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ANNEXURE
NGO TABLES

Table 1: Percentage distribution of the SELECTED CLIENTS by
results of clients survey

Results of clients' survey	Categories of clients		
	Tubectomy	Vasectomy	A l l
A. INTERVIEWED	<u>81,3</u>	<u>78,5</u>	<u>79,6</u>
Sterilized within the reference quarter in the recorded clinic	81,3	78,5	79,6
Sterilized in the recorded clinic but before the reference quarter	-	-	-
Sterilized within the reference quarter in other than the recor- ded clinic	-	-	-
Sterilized before the reference quar- ter in other than the recorded clinic	-	-	-
Sterilized twice (1st operation before the quarter in other than the recorded clinic and 2nd operation within the quarter in the recorded clinic)	-	-	-
Never sterilized	-	-	-
B. NOT INTERVIEWED	<u>17,1</u>	<u>17,1</u>	<u>17,1</u>
Clients not available	6,1	10,7	8,9
Client has permanently left the recorded address	5,5	6,4	6,1
Client was only temporarily visi- ting the recorded address	5,5	-	2,1
Client died before the reference quarter	-	-	-
Client died within the reference quarter	-	-	-
C. ADDRESS NOT LOCATED	<u>1,6</u>	<u>4,4</u>	<u>3,3</u>
Address does not exist/not found	<u>1,1</u>	-	<u>3,1</u>
Not attempted	0,5	4,4	0,2
Incomplete address	-	-	-
T o t a l	100,0	100,0	100,0
Weighted N	182	298	480

Estimated false * cases for tubectomy : 1,1 percent

Estimated false * cases for vasectomy : 4,4 percent

* False cases means those clients who fall under the category, 'sterilized in the recorded clinic but before the reference quarter', 'sterilized within the reference quarter in other than the recorded clinic', 'sterilized before the reference quarter in other than the recorded clinic', 'sterilized twice', 'never sterilized', 'client died before the reference quarter', and 'address does not exist/not found'.

Table 2: Percentage distribution of all the SELECTED CLIENTS by type and status of informed consent forms

Status of informed consent form	Categories of clients		
	Tubectomy	Vasectomy	All
<u>USAID-approved</u>			
Signed by clients	100.0	99.0	99.4
Not signed by clients	-	-	-
<u>Not USAID-approved</u>			
Signed by clients	-	1.0	0.6
Not signed by clients	-	-	-
<u>No informed consent form</u>	-	-	-
Total	100.0	100.0	100.0
Weighted N	182	298	480

Table 3: Percentage distribution of the ACTUALLY STERILIZED CLIENTS by types of informed consent forms and status of signing

Type of consent forms and status of signing	Categories of clients		
	Tubectomy	Vasectomy	All
<u>USAID-approved</u>			
Signed by clients	100.0	99.6	99.7
Not signed by clients	-	-	-
<u>Not USAID-approved</u>			
Signed by clients	-	0.4	0.3
Not signed by clients	-	-	-
<u>No informed consent form</u>	-	-	-
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 4: Percentage distribution of the actually sterilized clients by status of informed consent forms and status of receipt of surgical apparel

Status of informed consent form	Status of receipt of surgical apparel	Categories of clients		
		Tubectomy	Vasectomy	All
USAID-approved informed consent forms signed by clients	Received	100.0	98.3	99.0
	Did not receive	-	1.3	0.8
Sub-total		100.0	99.6	99.8
Informed consent form not USAID-approved/informed consent form USAID-approved but not signed by clients/ no consent form	Received	-	0.4	0.2
	Did not receive	-	-	-
Sub-total		-	0.4	0.2
A l l	Received	100.0	98.7	99.2
	Did not receive	-	1.3	0.8
Total		100.0	100.0	100.0
Weighted N		148	234	382

Table 5: Percentage distribution of the actually sterilized tubectomy clients by amount reportedly received

Amount reportedly received in Taka	All clients	Status of facilities received	
		Received any facility	Received no facility
175.0	81.1	NA	NA
170.0	2.0	2.0	-
162.0	4.7	4.7	-
160.0	2.0	2.0	-
155.0	0.7	0.7	-
150.0	8.8	8.8	-
145.0	0.7	0.7	-
Total	100.0	18.9	-
Weighted N	148		

Reported average amount: Tk.171.45

Estimated average amount considering the 'received any facility' category received the approved amount: Tk.175.0

Note: NA in the table stands for not applicable cases

Table 6: Percentage distribution of the actually sterilized vasectomy clients by amount reportedly received

Amount reportedly received in Taka	All clients	Status of facilities received	
		Received any facility	Received no facility
175.0	93.2	NA	NA
170.0	3.9	3.5	0.4
140.0	1.7	1.7	-
125.0	0.4	-	0.4
110.0	0.4	-	0.4
80.0	0.4	-	0.4
Total	100.0	5.2	1.6
Weighted N	234		

Reported average amount: Tk.173.31

Reported average amount considering the 'received any facility' category received the approved amount: Tk.174.08

Note: NA in the table stands for not applicable cases

Table 7 : Percentage distribution of the ACTUALLY
STERILIZED clients by status of promise
for unapproved items

Status of promise for unapproved items	Categories of clients		
	Tubectomy	Vasectomy	All
Promised for unapproved items	-	-	-
Not promised for unapproved items	100.0	100.0	100.0
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 8 : Percentage distribution of the actually
sterilized clients by whether they knew
before sterilization that they could not
have any child after accepting sterilization

Status of knowledge	Categories of clients		
	Tubectomy	Vasectomy	All
Knew	100.0	100.0	100.0
Did not know	-	-	-
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 9 : Percentage distribution of the actually sterilized clients by the length of time they had seriously thought about having the sterilization method

P e r i o d	Categories of clients		
	Tubectomy	Vasectomy	All
1 day to 7 days	1.3	15.8	10.2
8 days to 15 days	0.7	17.1	10.7
16 days to 29 days	0.7	0.4	0.5
1 month to 2 months	30.4	19.2	23.6
More than 2 months to 4 months	9.5	9.9	9.7
More than 4 months to 6 months	13.5	9.8	11.3
More than 6 months to 12 months	17.6	17.5	17.5
More than 1 year	26.3	10.3	16.5
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 10: Percentage distribution of the actually sterilized clients by categories whether they had talked to anyone who had already had a sterilization before their operation

Whether talked to anyone or not	Categories of clients		
	Tubectomy	Vasectomy	All
Talked	79.1	66.7	71.5
Did not talk	20.9	33.3	28.5
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 11: Percentage distribution of the actually sterilized clients by the length of time they had seriously thought about having the sterilization method and whether they had talked to anyone who had already had a sterilization before their operation

Period of thinking before sterilization	Type of operation					
	Tubectomy			Vasectomy		
	Talked	Did not talk	Total	Talked	Did not talk	Total
Less than 30 days	1.4	1.4	2.8	20.5	12.8	33.3
1 month to 6 months	47.3	6.1	53.4	28.2	10.7	38.9
More than 6 months to 12 months	10.8	6.7	17.5	11.5	6.0	17.5
More than 1 year	19.6	6.7	26.3	6.4	3.9	10.3
Total	79.1	20.9	100.0	66.6	33.4	100.0
Weighted N			148			234

Table 12: Percentage distribution of the actually sterilized clients by categories whether they had suggested anyone for sterilization after accepting sterilization method or whether they would suggest to anyone in the future

Suggestion by clients	Categories of clients		
	Tubectomy	Vasectomy	All
Gave suggestion	54.1	49.2	51.0
Would suggest in future	43.2	50.0	47.4
Would not suggest in future	2.7	0.8	1.6
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 13 : Percentage distribution of the actually sterilized tubectomy clients by recorded and reported helpers

Recorded helper \ Reported helper	BDG fieldworker	BAVS salaried fieldworker	Other NGO fieldworker	BAVS registered agent	Other NGO registered agent	Registered Dai	Unspecified Category ¹	Went alone	Does not know	A l l
BDG fieldworker	9.5	-	-	-	0.7	-	-	-	-	10.2
BAVS salaried fieldworker	-	12.2	-	1.4	0.6	-	-	-	-	14.2
Other NGO fieldworker	0.7	-	39.9	-	0.6	-	3.4	-	0.6	45.2
BAVS registered agent	-	-	-	7.4	-	-	-	-	-	7.4
Other NGO registered agent	-	-	-	-	14.2	-	-	-	-	14.2
Registered Dai	-	0.7	-	-	-	8.1	-	-	-	8.8
Total	10.2	12.9	39.9	8.8	16.1	8.1	3.4	-	0.6	100.0
Weighted N = 148										

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The clients could not specify the categories of their helpers whether they were FP workers or registered agents.

Table 14: Percentage distribution of the actually sterilized vasectomy clients by recorded and reported helpers

Recorded helper	Reported helper	BDG fieldworker	BAVS salaried fieldworker	Other NGO fieldworker	BDG registered agent	BAVS registered agent	Other: NGO registered agent	Registered Dai	Unspecified category ¹	Went alone	Does not know	A	1
	BDG fieldworker	2.6	-	-	-	1.3	0.4	-	-	-	0.4	4.7	
BAVS salaried fieldworker	-	19.2	-	-	1.3	-	-	0.9	1.3	2.6	25.3		
Other NGO fieldworker	-	-	14.1	-	-	3.4	-	0.4	1.3	3.0	22.2		
BAVS registered agent	-	0.4	-	-	8.1	-	1.3	0.4	0.4	0.4	11.0		
Other NGO registered agent	-	-	-	-	-	33.8	-	1.3	-	0.4	35.5		
Registered Dai	-	-	-	-	-	-	0.9	-	0.4	-	1.3		
Total	2.6	19.6	14.1	-	10.7	37.6	2.2	3.0	3.4	6.8	100.0		

¹The clients could not specify the categories of their helpers whether they

Table 15: Percentage distribution of the actually sterilized tubectomy clients by reported age of client and husband

Age group of clients (in years)	Age group of husband (in years)							T o t a l
	25-29	30-34	35-39	40-44	45-49	50-54	80-84	
15 - 19	-	0.7	-	-	-	-	-	0.7
20 - 24	2.0	6.8	3.4	0.7	-	-	-	12.9
25 - 29	-	15.5	19.6	9.5	6.1	1.4	-	52.1
30 - 34	-	0.7	7.4	10.1	2.7	1.1	-	22.3
35 - 39	-	-	0.7	5.4	2.7	0.7	0.6	10.1
40 - 44	-	-	-	-	1.3	0.6	-	1.9
Total	2.0	23.7	31.1	25.7	12.8	4.1	0.6	100.0

Weighted N = 148

Mean age of the tubectomy client : 29.2 years

Mean age of the husband : 39.6 years

Table 16. Percentage distribution of the actually sterilized vasectomy clients by reported age of client and wife

Age group of clients (in years)	Age group of wife (in years)								T o t a l
	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 +	
25 - 29	1.7	6.0	-	-	-	-	-	-	7.7
30 - 34	-	9.8	18.4	-	-	-	-	-	28.2
35 - 39	-	-	20.9	4.3	-	-	-	-	25.2
40 - 44	-	-	0.9	6.8	7.7	-	-	-	15.4
45 - 49	-	-	0.9	2.6	9.4	-	-	-	12.9
50 - 54	-	-	0.5	1.3	1.3	0.4	0.4	-	3.4
55 - 59	-	0.4	-	0.4	0.4	1.7	0.9	-	3.8
60 - above	-	-	-	-	0.9	0.4	0.9	1.2	3.4
Total	1.7	16.2	41.1	15.4	19.7	2.5	2.2	1.2	100.0

Weighted N = 234

Mean age of the vasectomy client : 39.7 years

Mean age of the wife : 30.4 years

Table 17 : Percentage distribution of the actually sterilized clients by reported number of living children

Reported number of living children	Categories of clients		
	Tubectomy	Vasectomy	All
1	3.4	2.6	2.9
2	22.3	28.6	26.2
3	39.2	26.5	31.4
4	20.3	15.0	17.0
5	6.8	16.7	12.8
6	5.4	3.8	4.5
7	0.6	3.4	2.4
8	1.4	0.9	1.0
9	-	0.8	0.5
10	0.6	1.7	1.3
Total	100.0	100.0	100.0
Weighted N	148	234	382
Mean number of living children	3.4	3.6	3.5

Table 18 : Percentage distribution of the actually sterilized clients by employment status of women

Employment status of wife/client	Categories of clients		
	Tubectomy	Vasectomy	All
Employed with cash earning	10.1	4.7	6.8
Employed without cash earning	-	0.4	0.3
Not employed	89.9	94.9	92.9
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 19: Percentage distribution of the actually sterilized clients by occupation of husband/client

Occupation of husband/client	Categories of clients		
	Tubectomy	Vasectomy	A 1 1
Agriculture	14.2	8.6	10.7
Day labour	54.1	78.6	69.1
Business	18.2	9.8	13.1
Service	12.8	1.7	6.0
Not employed	-	0.9	0.6
Others	0.7	0.4	0.5
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 20: Percentage distribution of the actually sterilized clients by their educational level

Educational level	Categories of clients		
	Tubectomy	Vasectomy	A 1 1
No schooling	77.0	71.4	73.6
No class passed	-	1.3	0.8
Class <u>I</u> - <u>IV</u>	10.1	19.2	15.7
Class <u>V</u>	5.4	3.4	4.2
Class <u>V</u> - <u>IX</u>	6.1	3.8	4.7
SSC and above	1.4	0.9	1.0
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 21: Percentage distribution of the actually sterilized clients by religion

R e l i g i o n	Categories of clients		
	Tubectomy	Vasectomy	A l l
Muslim	81.1	80.8	80.9
Hindu	18.2	18.8	18.6
Christian	0.7	0.4	0.5
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 22: Percentage distribution of the actually sterilized clients by ownership of land

Status of land ownership	Categories of clients		
	Tubectomy	Vasectomy	A l l
Owned land	30.4	15.0	20.9
Did not own land	69.6	85.0	79.1
Total	100.0	100.0	100.0
Weighted N	148	234	382

Table 23: Percentage distribution of the service providers/helpers by status of interview

Interview status	Categories of service providers/helpers		
	Physicians	Clinic staff	Helpers
Interviewed	88.5	90.9	75.8
Not interviewed	11.5	9.1	24.2
Total	100.0	100.0	100.0
Weighted N	26	44	95

Table 24: Percentage distribution of the clients whose helpers were interviewed by status of receipt of helper fee

Status of receipt of helper fee reported by helpers	Number of clients whose helpers were interviewed		
	Tubectomy	Vasectomy	A l l
Received	100.0	100.0	100.0
Did not receive	-	-	-
Total	100.0	100.0	100.0
Weighted N	43	42	85

Table 25 : Estimated proportions of clients actually sterilized by selected upazilas

District/Upazila	Selected sample size			Proportion of actually sterilized cases for the sample		
	Tub.	Vas.	A l l	Tub.	Vas.	A l l
<u>DINAJPUR</u>						
Sadar	20	20	40	0.95	1.00	0.98
<u>NILPHAMARI</u>						
Sadar	30	10	40	0.97	1.00	0.98
<u>RANGPUR</u>						
Sadar	30	10	40	1.00	1.00	1.00
<u>JESSORE</u>						
Sadar	27	13	40	0.96	1.00	0.98
<u>KHULNA</u>						
Sadar	33	7	40	0.70	1.00	0.75
<u>PEROJPUR</u>						
Sadar	22	18	40	1.00	1.00	1.00
<u>BHOLA</u>						
Sadar	26	14	40	0.96	1.00	0.98
<u>BARISAL</u>						
Sadar	11	29	40	1.00	1.00	1.00
<u>JAMALPUR</u>						
Sadar	11	29	40	1.00	1.00	1.00
<u>TANGAIL</u>						
Sadar	18	22	40	0.94	0.91	0.93
<u>FARIDPUR</u>						
Sadar	12	28	40	0.83	0.96	0.93
<u>COMILLA</u>						
Sadar	11	29	40	0.82	1.00	0.95
T o t a l	251	229	480	0.924	0.987	0.954