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EVALUATION OF THE VOLUNTARY
STERILIZATION PROGRAM

TABLES ON NON-GOVERNMENT ORGANISATIONS (NGOS)
FOR
JANUARY - MARCH 1987 QUARTER

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INTRODUCTION

In accordance with the agreement between the Government of Bangladesh (BG) 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 Bangladesh 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 ten 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 ninth of its kind, is the evaluation of the January-March 1987 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 ninth quarterly evaluation was carried out in April and May, 1987. 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 clinic only upazilas are given below:

¹ Non-government organisation

<u>District/upazila</u>	<u>BAVS</u>	<u>FPAB</u>	<u>Others</u>
<u>Bogra</u> Sadar	x	x	
<u>Rangpur</u> Sadar	x	x	x
<u>Joypurhat</u> Sadar	x		
<u>Dinajpur</u> Sadar	x	x	x
<u>Noakhali</u> Sadar	x	x	
<u>Serajgonj</u> Sadar	x		
<u>Khulna</u> Sadar	x	x	x
<u>Faridpur</u> Sadar	x	x	
<u>Gazipur</u> Tongi	x		
<u>Narshingdi</u> Sadar	x		
<u>Kishoregonj</u> Sadar	x		
<u>Chandpur</u> Sadar	x		

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 January-March 1987 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 ninth quarter of the evaluation of the VS program and are shown in the annexure.

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A N N E X U R E

NGO TABLES

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

Results of clients' survey	Categories of clients		
	Tubectomy	Vasectomy	All
A. INTERVIEWED	<u>75.7</u>	<u>72.3</u>	<u>73.9</u>
Sterilized within the refer- ence quarter in the recorded clinic	75.7	69.5	72.5
Sterilized in the recorded clinic but before the reference quarter	-	0.4	0.2
Sterilized before the reference quarter in other than the recorded clinic	-	1.6	0.8
Never sterilized	-	0.4	0.2
Sterilized twice	-	0.4	0.2
B. NOT INTERVIEWED	<u>23.0</u>	<u>17.9</u>	<u>20.5</u>
Clients not available	9.4	10.6	10.0
Client has permanently left the recorded address	2.1	1.2	1.7
Client was only temporarily visiting the recorded address	11.5	5.7	8.6
Client died within the reference quarter	-	0.4	0.2
C. ADDRESS NOT LOCATED	<u>1.3</u>	<u>9.8</u>	<u>5.6</u>
Address does not exist/ not found	1.3	9.8	5.6
Total	100.0	100.0	100.0
Weighted N	251	246	480

Estimated false* cases for tubectomy : 1.3 percent

Estimated false* cases for vasectomy : 11.6 percent

*False cases means those clients who fall under the category, 'sterilized in the recorded clinic but before the reference quarter', 'sterilized before the reference quarter in other than the recorded clinic', 'sterilized twice', 'never sterilized', 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	100.0	100.0
Not signed by clients	-	-	-
<u>Not USAID-approved</u>			
Signed by clients	-	-	-
Not signed by clients	-	-	-
<u>No informed consent form</u>	-	-	-
Total	100.0	100.0	100.0
Weighted N	274	246	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	100.0	100.0
Not signed by clients	-	-	-
<u>Not USAID-approved</u>			
Signed by clients	-	-	-
Not signed by clients	-	-	-
<u>No informed consent form</u>	-	-	-
Total	100.0	100.0	100.0
Weighted N	171	171	342

Table 4: Percentage distribution of the actually sterilized clients by status of informed consent form 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	99.4	98.2	98.8
	Did not receive	0.6	1.8	1.2
Sub-total		100.0	100.0	100.0
Informed consent form not USAID-approved/ informed consent form USAID-approved but not signed by clients/ no consent form	Received	-	-	-
	Did not receive	-	-	-
Sub-total		-	-	-
All	Received	99.4	98.2	98.8
	Did not receive	0.6	1.8	1.2
Total		100.0	100.0	100.0
Weighted N:		177	171	348

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
175.00	71.8	NA	NA
170.00	0.6	0.6	-
165.00	2.3	2.3	-
162.00	1.1	1.1	-
161.00	0.6	0.6	-
160.00	0.6	0.6	-
155.00	9.0	9.0	-
150.00	2.3	1.7	0.6
145.00	0.6	0.6	-
135.00	0.6	0.6	-
130.00	0.5	0.5	-
128.00	1.1	1.1	-
127.00	7.9	7.3	0.6
126.00	0.5	0.5	-
125.00	0.5	0.5	-
Total	100.0	27.0	1.2
Weighted N	177		

Reported average amount : Tk.165.59

Estimated average amount considering the 'received any facility' category received the approved amount: Tk.174.59

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
175.00	98.2	NA	NA
140.00	0.6	-	0.6
130.00	0.6	-	0.6
100.00	0.6	0.6	-
Total	100.0	0.6	1.2
Weighted N	171		

Reported average amount: Tk.174.09

Estimated average amount considering the 'received any facility' category received the approved amount: Tk.174.53

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	177	171	348

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	177	171	348

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	2.3	11.7	6.9
8 days to 15 days	2.3	8.2	5.2
16 days to 29 days	1.1	0.6	0.9
1 month to 2 months	16.4	17.5	16.9
More than 2 months to 4 months	7.3	8.8	8.0
More than 4 months to 6 months	15.3	21.6	18.4
More than 6 months to 12 months	35.0	15.8	25.6
More than 1 year	20.3	15.8	18.1
Total	100.0	100.0	100.0
Weighted N	177	171	348

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	91.0	52.0	71.8
Did not talk	9.0	48.0	28.2
Total	100.0	100.0	100.0
Weighted N	177	171	348

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 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	3.4	2.3	5.7	4.7	15.8	20.5
1 month to 6 months	36.2	2.8	39.0	32.7	15.8	48.5
More than 6 months to 12 months	32.2	2.8	35.0	8.2	7.0	15.2
More than 1 year	19.2	1.1	20.3	6.4	9.4	15.8
Total	91.0	9.0	100.0	52.0	48.0	100.0
Weighted N			177			171

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	76.3	50.3	63.5
Would suggest in future	23.7	46.2	34.8
Would not suggest in future	-	3.5	1.7
Total	100.0	100.0	100.0
Weighted N	177	171	348

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	Went alone	All
BDG fieldworker		11.3	-	-	-	-	-	-	11.3
BAVS salaried fieldworker		-	35.6	0.6	6.2	-	-	0.6	42.6
Other NGO fieldworker		-	-	26.0	0.6	-	1.7	0.5	28.8
BAVS registered agent		-	-	-	10.7	-	0.6	-	11.3
Other NGO registered agent		-	-	-	-	4.5	-	-	4.5
Registered Dai		-	-	-	1.1	-	-	-	1.1
Total		11.3	35.6	26.6	18.6	4.5	2.3	1.1	100.0
Weighted N=177									

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

Recorded helper	Reported helper	BDG field-worker	BAVS salaried field-worker	Other NGO field-worker	Other NGO registered agent	BAVS registered agent	Registered Dai	Went alone	Does not know	All
BDG fieldworker		0.6	-	-	-	0.6	-	0.6	-	1.8
BAVS salaried fieldworker		-	17.5	0.6	-	1.2	-	4.7	2.9	26.9
Other NGO fieldworker		-	0.6	21.1	1.8	-	-	0.5	1.8	25.8
BAVS registered agent		-	-	-	-	2.9	-	-	-	2.9
Other NGO registered agent		-	-	-	35.7	-	-	2.3	4.1	42.1
Registered Dai		-	-	-	-	-	0.5	-	-	0.5
Total		0.6	18.1	21.7	37.5	4.7	0.5	8.1	8.8	100.0
Weighted N = 171										

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)							Total
	30-34	35-39	40-44	45-49	50-54	55-59	60-64	
20 - 24	2.8	0.6	-	-	-	-	-	3.4
25 - 29	13.0	25.4	1.7	1.1	1.1	1.1	-	43.4
30 - 34	-	13.6	15.8	7.3	0.6	0.6	1.1	39.0
35 - 39	-	-	4.0	4.5	3.4	0.6	0.6	13.1
40 - 44	-	-	-	1.1	-	-	-	1.1
Total	15.8	37.6	21.5	14.0	5.1	2.3	1.7	100.0
Weighted N = 177								

Mean age of the tubectomy client : 30.7 years
 Mean age of the husband : 40.8 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)								Total
	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 +	
25 - 29	1.2	6.4	-	-	-	-	-	-	7.6
30 - 34	-	14.6	8.8	-	-	-	-	-	23.4
35 - 39	-	1.1	21.6	4.1	-	-	-	-	29.8
40 - 44	-	-	7.6	6.5	2.3	-	-	-	16.4
45 - 49	-	-	3.5	2.3	3.5	-	-	-	9.3
50 - 54	-	-	-	-	2.3	2.9	-	-	5.2
55 - 59	-	-	-	0.6	1.8	1.1	-	-	3.5
60+	-	-	-	-	-	0.6	1.8	2.3	4.7
Total	1.2	25.1	41.5	13.5	9.9	4.7	1.8	2.3	100.0
Weighted N = 171									

Mean age of the vasectomy client : 40.2 years
 Mean age of the wife : 29.4 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
0	0.5	-	0.3
1	1.7	2.3	2.0
2	13.5	26.3	19.8
3	24.9	32.2	28.5
4	24.9	10.5	17.8
5	15.8	15.2	15.5
6	10.2	7.6	8.9
7	4.0	4.1	4.0
8	1.1	1.2	1.2
9	2.3	0.6	1.4
10	1.1	-	0.6
Total	100.0	100.0	100.0
Weighted N	177	171	348
Mean number of living children	4.1	3.6	3.9

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	4.5	10.5	7.5
Employed without cash earning	2.3	-	1.1
Not employed	92.7	89.5	91.1
Not stated	0.5	-	0.3
Total	100.0	100.0	100.0
Weighted N	177	171	348

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

Occupation of husband/client	Categories of clients		
	Tubectomy	Vasectomy	All
Agriculture	14.1	13.5	13.8
Day labour	46.9	69.6	58.0
Business	20.3	12.9	16.7
Service	17.0	3.5	10.3
Not employed	1.1	0.5	0.9
Not stated	0.6	-	0.3
Total	100.0	100.0	100.0
Weighted N	177	171	348

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

Educational level	Categories of clients		
	Tubectomy	Vasectomy	All
No schooling	73.5	70.6	75.0
No class passed	-	-	-
Class <u>I</u> - <u>IV</u>	9.0	11.7	10.4
Class <u>V</u>	7.9	3.5	5.7
Class <u>V</u> - <u>IX</u>	8.5	5.3	6.9
SSC and above	1.1	2.9	2.0
Total	100.0	100.0	100.0
Weighted N	177	171	348

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

Religion	Categories of clients		
	Tubectomy	Vasectomy	All
Muslim	89.3	95.9	92.5
Hindu	10.2	4.1	7.2
Christian	0.5	-	0.3
Total	100.0	100.0	100.0
Weighted N	177	171	348

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

Status of land ownership	Categories of clients		
	Tubectomy	Vasectomy	All
Owned land	32.8	22.2	27.6
Did not own land	67.2	77.8	72.4
Total	100.0	100.0	100.0
Weighted N	177	171	348

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

Interview status	Categories of service providers/helpers		
	Physician	Clinic staff	Helpers
Interviewed	73.1	95.0	62.1
Not interviewed	26.9	5.0	37.9
Total	100.0	100.0	100.0
Weighted N	26	40	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	All
Received	100.0	100.0	100.0
Did not receive	-	-	-
Total	100.0	100.0	100.0
Weighted N	48	29	77

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.	All	Tub.	Vas.	All
<u>Dinajpur</u>						
Sadar	8	32	40	1.00	0.84	0.88
<u>Kangpur</u>						
Sadar	9	31	40	1.00	0.77	0.83
<u>Bogra</u>						
Sadar	22	18	40	1.00	0.94	0.98
<u>Joypurhat</u>						
Sadar	25	15	40	1.00	1.00	1.00
<u>Serajgonj</u>						
Sadar	24	16	40	1.00	1.00	1.00
<u>Khulna</u>						
Sadar	7	33	40	1.00	0.97	0.98
<u>Faridpur</u>						
Sadar	9	31	40	1.00	0.84	0.88
<u>Gazipur</u>						
Tongi	35	5	40	0.91	1.00	0.93
<u>Kishoregonj</u>						
Sadar	37	3	40	1.00	1.00	1.00
<u>Chandpur</u>						
Sadar	35	5	40	1.00	1.00	1.00
<u>Noakhali</u>						
Sudhanra	33	7	40	1.00	1.00	1.00
<u>Narsingdi</u>						
Sadar	32	8	40	0.97	0.75	0.93
Total	276	204	480	0.99	0.90	0.95