

**SOCIO ECONOMIC DEVELOPMENT AND HUMAN  
WELL-BEING**

*A Joint BRAC-ICDDR,B Research Project*

**Seasonal Survey on Nutrition: Second Round  
(Sept.-Dec. 1995)**

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## **Abstract**

Since 1992, BRAC and ICDDR,B have been implementing a joint research project in Matlab, Bangladesh to assess the pathways of impact of BRAC's development interventions on human well-being. The project identified improved nutritional status as one of the components of human well-being. This report documents the nutrition component of the second round seasonal survey findings conducted during mid September to December 1995 using the four-cell survey design. A total of 2076 households were interviewed to collect data on household food security, infant and child feeding practices and on anthropometry. Data on preceding one week's household food inflow and outflow were collected to describe food security at the household level. The anthropometric survey was conducted for all household members aged 6 month and above. Data on different parameters are shown in the report stratified by BRAC member, BRAC eligible non-member and BRAC non eligible non-member.

## Results :

### FOOD AVAILABILITY AND CONSUMPTION

Table 2.1: Distribution of households according to 4 study cells and membership status.

Membership Status	4 Study cells				Total (N)
	BRAC-ICDDR,B (N)	BRAC Only (N)	ICDDR,B Only (N)	Comparison (N)	
BRAC member	223	145	—	—	368
Non member TG	132	166	291	443	1032
Non member NTG	224	316	304	163	1007
<b>Total (N)</b>	<b>579</b>	<b>627</b>	<b>595</b>	<b>606</b>	<b>2425</b>

**Table 3.1: Source and Amount of Total Food Entering the Household**  
(over the last week including: rice, wheat, lentils, fruits, vegetables, fish, meat, eggs, milk, and oil, expressed in kilograms per consumption unit \*)

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell Total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Purchased	7.98 (± 6.23)	7.83 (± 4.57)	12.49 (± 11.60)	9.69 (± 8.75)	NS	p<.001	9.14 (± 9.10)	7.94 (± 6.45)	7.92 (± 9.79)	8.21 (± 8.86)	NS	NS
Home Produced	1.32 (± 5.47)	1.42 (± 6.65)	9.10 (± 23.87)	4.77 (± 17.23)	NS	p<.001	1.77 (± 6.70)	1.10 (± 3.58)	1.90 (± 10.32)	1.66 (± 8.21)	NS	NS
Others	.53 (± 1.01)	.40 (± 0.52)	.40 (± 1.35)	.45 (± 1.10)	NS	P<.05	.38 (± .51)	.32 (± .30)	.12 (± .16)	.23 (± .31)	NS	p<.001
Totals	10.03 (± 7.80)	3.65 (± 7.65)	22.88 (± 26.44)	14.91 (± 18.61)	NS	p<.001	11.30 (± 10.59)	9.36 (± 6.88)	9.93 (± 14.07)	10.11 (± 11.76)	NS	NS
N	223	152	224	579			145	166	316	627		
Variables	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(2) vs (4)				(6) vs (7)	(6) vs (7)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
Purchased	6.70 (± 11.26)	10.18 (± 19.79)	8.48 (± 16.27)	p<.01	6.33 (± 6.31)	4.78 (± 6.46)	5.91 (± 6.38)	p<.01	p<.01			
Home Produced	15.91 (± 41.94)	45.33 (± 70.23)	31.05 (± 63.58)	p<.001	7.50 (± 18.94)	22.94 (± 39.70)	11.65 (± 26.64)	p<.001	p<.001			
Others	.69 (± 1.16)	.40 (± .34)	.54 (± .85)	p<.01	.90 (± 1.92)	.82 (± 1.20)	.82 (± 1.75)	p<.01	p<.01			
Totals	23.31 (± 41.71)	56.12 (± 74.55)	40.07 (± 62.88)	p<.001	14.73 (± 18.85)	28.33 (± 37.66)	*****	p<.001	p<.001			
N	291	384	595		443	163	606					
Aggregate Membership Comparison												
Variables	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)					
Purchased	8.44 (± 7.50)	6.89 (± 7.91)	9.11 (± 13.82)	8.04 (± 10.75)	p<.001	NS						
Home Produced	1.61 (± 5.10)	8.07 (± 26.22)	20.28 (± 49.97)	12.12 (± 37.20)	p<.001	p<.001						
Others	.47 (± .83)	.67 (± 1.44)	.35 (± .84)	.51 (± 1.14)	p<.001	p<.001						
Totals	10.53 (± 9.01)	15.63 (± 26.17)	29.74 (± 49.64)	20.70 (± 37.26)	p<.001	p<.001						
N	368	1932	1097	2425								

Others includes : gift,aid,borrowed,bartered and received as payment in kind. \* See annexure for details

**Table 3.2 : Source and Amount of Household Rice and Wheat Inflow**  
(over last week expressed in Kgm per consumption unit)

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Purchased	6.07 (± 3.10)	5.75 (± 4.06)	9.27 (± 9.32)	7.23 (± 7.33)	NS	p<.001	7.14 (± 8.68)	6.07 (± 5.93)	5.37 (± 9.33)	5.97 (± 8.48)	NS	p<.05
Home Produced	.98 (± 3.40)	.91 (± 6.46)	8.49 (± 24.36)	3.86 (± 16.22)	NS	p<.001	1.24 (± 6.59)	3.87 (± 2.84)	.87 (± 10.18)	.83 (± 8.04)	NS	NS
Others	.15 (± .86)	.06 (± .48)	.10 (± 1.20)	.11 (± .95)	NS	NS	.04 (± .45)	0.3 (± .49)	-	.02 (± .22)	NA	NA
Totals	7.20 (± 7.47)	6.73 (± 7.07)	17.85 (± 23.80)	11.22 (± 16.71)	NS	p<.001	8.43 (± 10.32)	6.31 (± 6.26)	6.24 (± 13.34)	6.82 (± 11.32)	p<.05	NS
N	223	132	224	579			145	163	315	623		

  

Variables	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test
				(2) vs (3)				(6) vs (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Purchased	5.78 (± 11.19)	8.11 (± 19.44)	6.97 (± 13.98)	NS	4.77 (± 5.80)	3.01 (± 5.87)	4.31 (± 5.86)	
Home Produced	15.93 (± 42.15)	45.53 (± 76.45)	31.08 (± 63.87)	p<.001	6.78 (± 18.92)	22.65 (± 38.81)	10.97 (± 26.61)	p<.001
Others	.19 (± .92)	-	.10 (± .65)	p<.01	.69 (± 1.77)	.53 (± 1.22)	.64 (± 1.64)	p<.001
Totals	21.91 (± 41.74)	33.64 (± 74.81)	38.15 (± 62.94)	p<.001	12.26 (± 18.22)	26.20 (± 37.42)	13.93 (± 25.50)	NS
N	286	300	586		432	155	587	p<.001

  

Variables	Aggregate Membership Comparison					
	BRAC members	Non-members		All	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Purchased	6.49 (± 7.28)	5.39 (± 7.59)	6.71 (± 13.07)	6.09 (± 10.19)	p<.01	NS
Home Produced	1.08 (± 5.89)	7.37 (± 26.33)	19.46 (± 30.07)	11.40 (± 37.15)	p<.001	p<.001
Others	.11 (± .73)	.36 (± 1.30)	.10 (± .77)	.21 (± 1.02)	p<.001	NS
Totals	7.68 (± 8.71)	13.34 (± 26.07)	26.28 (± 49.57)	17.81 (± 37.07)	p<.001	p<.001
N	368	1012	994	2394		

Others includes: aid, gift, borrowed, bartered and payment in kind.



**Table 3.3 : Source and Amount of Household Fruit and Vegetable Inflow**  
(over last week expressed in Kg.m per consumption unit)

Variables	BRAC + ICDDR,B con						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Purchased	.96 (± .81)	1.07 (± .83)	1.34 (± 1.93)	1.14 (± 1.37)	NS	p<.01	1.09 (± .69)	1.09 (±.86)	1.32 (± 1.54)	1.21 9± 1.23)	NS	p<.05
Home Produced	.28 (± .62)	.26 (± .90)	.60 (± 1.47)	.40 (± 1.10)	NS	p<.01	.33 (± .62)	.48 (± .88)	.46 (± .65)	.43 (± .71)	NS	p<.05
Others	.20 (± .46)	.20 (± .18)	.13 (± .24)	.18 (± .33)	NS	NS	.08 (± .15)	.12 (± .28)	.04 (± .14)	.07 (± .19)	NS	NS
Totals	1.45 (± 1.13)	1.54 (± 1.10)	2.09 (± 2.36)	1.72 (± 1.73)	NS	p<.001	1.49 (± .77)	1.68 9± 1.03)	1.82 (± 1.54)	1.71 (± 1.27)	NS	NS
N	219	128	228	567			144	162	314	621		

  

Variables	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test
				(2) vs (3)				(6) vs (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Purchased	.49 (± .79)	.18 (± .90)	.76 (± .89)	p<.001	.72 (± .87)	.70 (± .69)	.72 (± .83)	NS
Home Produced	.13 (± .30)	.23 (± .30)	.19 (± .30)	NS	.66 (± 1.22)	.94 (± 1.44)	.74 (± 1.20)	p<.05
Others	.17 (± .19)	.09 (± .27)	.13 (± .24)	p<.001	.15 (± .37)	.08 (± .20)	.13 (± .34)	p<.05
Totals	.81 (± .93)	1.52 (± 1.00)	1.08 (± 1.01)	p<.001	1.54 (± 1.40)	1.73 (± 1.52)	1.59 (± 1.43)	NS
N	252	289	541		424	135	579	

  

Variables	Aggregate Membership Comparison						
	BRAC members	Non-members		All	t - test		
		TGs	NTGs		(2) vs (3)	(2) vs (4)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Purchased	1.01 (± .76)	.77 (± .87)	1.13 (± 1.40)	.96 (± 1.13)	p<.001	p<.05	
Home Produced	.30 (± .62)	.45 (± 1.00)	.30 (± 1.04)	.45 (± .96)	p<.001	p<.001	
Others	.15 (± .37)	.16 (± .30)	.09 (± .22)	.13 (± .28)	NS	p<.001	
Totals	1.47 (± 1.00)	1.37 (± 1.24)	1.72 (± 1.66)	1.54 (± 1.41)	NS	p<.001	
N	364	966	978	2325			

**Table 3.4 : Source and Amount of Household Fish and Meat Inflow**  
(over last week including expressed in Kgs per consumption unit)

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(15)
Purchased	.38 (±.29)	.42 (±.30)	.54 (± 1.04)	.45 (±.69)	NS	p<.05	.32 (±.23)	.38 (±.29)	.36 (±.26)	p<.05	p<.01	
Home Produced	.02 (±.11)	.01 (±.06)	.03 (±.07)	.02 (±.06)	NS	NS	.01 (±.04)	.01 (±.04)	.02 (±.07)	NS	NS	
Others	.12 (±.04)	.08 (±.06)	.02 (±.06)	.09 (±.05)	NS	p<.05	.05 (±.09)	-	-	p<.05	p<.05	
Totals	.52 (±.29)	.52 (±.29)	.64 (± 1.03)	.57 (±.69)	NS	NS	.48 (±.29)	.46 (±.27)	.44 (±.25)	NS	NS	
N	216	124	219	559			144	157	311	612		

  

Variables	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Purchased	.21 (±.27)	.38 (±.36)	.30 (±.33)	p<.001	.51 (±.49)	.60 (±.67)	.53 (±.54)	NS
Home Produced	.01 (±.02)	.01 (±.05)	.01 (±.04)	p<.01	.02 (±.10)	.03 (±.08)	.02 (±.09)	NS
Others	.29 (±.12)	.19 (±.05)	.24 (±.09)	p<.05	.05 (±.10)	-	.04 (±.09)	p<.01
Totals	.50 (±.44)	.58 (±.42)	.54 (±.43)	p<.05	.58 (±.47)	.64 (±.66)	.60 (±.53)	NS
N	281	297	578		428	155	579	

  

Variables	Aggregate Membership Comparison					
	BRAC members	Non-members		All	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Purchased	.35 (±.27)	.39 (±.40)	.45 (±.61)	.41 (±.49)	p<.05	p<.001
Home Produced	.02 (±.09)	.01 (±.07)	.02 (±.06)	.02 (±.07)	NS	NS
Others	.13 (±.07)	.13 (±.10)	.57 (±.01)	.11 (±.07)	NS	p<.05
Totals	.50 (±.29)	.53 (±.42)	.08 (±.26)	.54 (±.50)	NS	p<.05
N	368	986	982	2345		

**Table 3.5 : Source and Amount of Household Milk and Egg Inflows**  
(over last week expressed in Kgm per consumption unit)

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		(8) vs (9)	(8) vs (10)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Purchased	.14 (±.17)	.16 (±.22)	.31 (±.69)	.21 (±.46)	NS	p<.001	.13 (±.09)	.14 (±.18)	.17 (±.15)	.15 (±.15)	NS	p<.001
Home Produced	.02 (±.05)	.03 (±.13)	.07 (±.23)	.04 (±.16)	NS	p<.01	.03 (±.07)	.02 (±.06)	.04 (±.15)	.04 (±.12)	p<.05	NS
Others	-	-	-	-	NA	NA	-	-	-	-	-	NA
Totals	.16 (±.18)	.19 (±.25)	.38 (±.72)	.26 (±.49)	NS	p<.001	.16 (±.12)	.16 (±.19)	.22 (±.20)	.19 (±.18)	NS	p<.001
N	223	131	223	577			145	163	314	622		

  

Variables	ICDDR,B-only cell				Comparison cell					
	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test	
				(2) vs (3)	(5) vs (7)				(6) vs (7)	(9) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Purchased	.12 (±.15)	.21 (±.20)	.17 (±.19)	p<.001	.11 (±.11)	.14 (±.19)	.12 (±.14)	NS	p<.001	
Home Produced	.01 (±.05)	.03 (±.14)	.03 (±.10)	p<.001	.02 (±.07)	.06 (±.19)	.04 (±.12)	p<.001	NA	
Others	-	-	-	NA	-	-	-	NA	NA	
Totals	.13 (±.15)	.26 (±.25)	.20 (±.22)	p<.001	.13 (±.14)	.22 (±.24)	.16 (±.18)	p<.001	p<.001	
N	286	300	586		432	155	587			

  

Variables	Aggregate Membership Comparison						
	BRAC members	Non-members		All	t - test		
		TGs	NTGs		(2) vs (3)	(2) vs (4)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Purchased	.14 (±.15)	.12 (±.15)	.21 (±.37)	.16 (±.27)	NS	p<.001	
Home Produced	.03 (±.06)	.02 (±.07)	.06 (±.17)	.04 (±.13)	NS	p<.001	
Others	-	-	-	-	NA	NA	
Totals	.16 (±.16)	.14 (±.17)	.27 (±.40)	.20 (±.40)	p<.05	p<.001	
N	368	1012	992	2389			

**Table 3.6 : Amount of Incoming Food Consumed, Stocked, or Sold Over the Last Week**  
(in Kgm per consumption unit)

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Consumed	7.07 (± 2.40)	6.81 (± 2.39)	8.85 (± 7.3)	7.70 (± 4.97)	NS	p<.001	7.45 (± 5.68)	6.97 (± 2.75)	7.39 (± 3.08)	7.29 (± 3.77)	NS	NS
Stocked	2.74 (± 7.11)	2.72 (± 7.06)	13.64 (± 24.00)	6.95 (± 16.77)	NS	p<.001	3.75 (± 10.82)	2.32 (± 6.02)	2.36 (± 13.63)	2.68 (± 11.43)	NS	NS
Sold	.11 (± .49)	.08 (± .41)	.09 (± .44)	.10 (± .46)	NS	NS	.07 (± .36)	.08 (± .42)	.20 (± .66)	.14 (± .56)	NS	p<.05
N	223	132	224	379			145	166	316	627		
ICDDR,B-only cell												
(1)	TGs	NTGs	Cell total	T - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(5)				(6) vs (7)	(9)		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
Consumed	5.72 (± 4.78)	6.92 (± 3.01)	6.33 (± 4.02)	33.91 (± 62.48)	p<.001	6.54 (± 3.46)	7.11 (± 3.44)	6.69 (± 3.46)		NS		
Stocked	17.72 (± 41.63)	49.30 (± 74.11)			p<.001	8.04 (± 17.67)	21.53 (± 37.00)	11.60 (± 29.00)		p<.001		
Sold	.03 (± .23)	.12 (± .57)	.08 (± .44)		p<.05	.13 (± .62)	.21 (± .79)	.16 (± .67)		NS		
N	291	304	595			443	163	606				
Aggregate Membership Comparison												
(1)	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
	(2)	(3)	(4)	(5)	(6)	(7)						
Consumed	7.22 (± 4.02)	6.41 (± 3.71)	7.53 (± 4.45)	7.00 (± 4.11)	p<.001	NS						
Stocked	3.14 (± 8.76)	9.15 (± 25.81)	22.06 (± 36.63)	13.43 (± 36.63)	p<.001	p<.001						
Sold	.10 (± .44)	.09 (± .48)	.12 (± .53)	.12 (± .53)	NS	p<.05						
N	368	1032	1007	2451								

**Table 3.7 : Amount of Food Consumed**  
(in gm per capita per day)

Food Item	BRAC + ICDDR,B cell					BRAC-only cell						
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Rice	432.64 (± 161.28)	416.06 (± 138.70)	466.46 (± 298.65)	441.94 (± 221.77)	NS	NS	449.50 (± 403.21)	426.93 (± 178.11)	435.80 (± 179.59)	436.60 (± 249.10)	NS	NS
Wheat	34.18 (± 60.77)	31.47 (± 57.58)	55.56 (± 76.87)	41.84 (± 67.60)	NS	p<.001	24.33 (± 63.78)	9.69 (± 35.70)	13.23 (± 41.68)	14.86 (± 46.63)	p<.01	p<.05
Pulses	10.06 (± 16.28)	12.62 (± 19.30)	22.44 (± 33.26)	15.43 (± 25.39)	NS	p<.001	9.30 (± 12.99)	8.81 (± 9.71)	12.89 (± 18.37)	10.98 (± 15.40)	NS	p<.05
Leafy Vegetables	18.69 (± 30.31)	23.44 (± 33.14)	29.81 (± 55.72)	24.07 (± 42.70)	NS	p<.01	40.13 (± 33.46)	64.93 (± 51.11)	63.47 (± 44.32)	58.46 (± 45.12)	p<.001	p<.001
Other Vegetables	105.00 (± 67.53)	103.92 (± 62.76)	115.07 (± 107.50)	108.65 (± 84.43)	NS	NS	102.23 (± 57.56)	100.96 (± 60.83)	109.71 (± 70.47)	105.65 (± 65.21)	NS	NS
Fruit	19.22 (± .14)	29.65 (± .18)	53.78 (± 113.35)	34.97 (± 88.15)	NS	p<.001	5.37 (± 21.11)	4.94 (± 29.38)	12.68 (± 25.11)	8.94 (± 25.72)	NS	p<.001
Fish	81.07 (± 51.88)	77.54 (± 61.21)	101.24 (± 82.53)	88.07 (± 67.99)	NS	p<.001	84.09 (± 52.61)	81.95 (± 53.60)	88.27 (± 50.55)	85.63 (± 51.84)	NS	NS
Meat	7.35 (± .20)	10.23 (± .24)	27.12 (± 191.95)	15.66 (± 120.63)	NS	p<.05	6.01 (± 16.43)	2.66 (± 11.65)	7.66 (± 19.41)	5.96 (± 17.08)	p<.05	NS
Eggs	2.24 (± 3.99)	2.64 (± 5.42)	6.40 (± 10.49)	3.94 (± 7.69)	NS	p<.001	2.63 (± 4.70)	1.67 (± 4.12)	3.33 (± 4.90)	2.73 (± 4.71)	p<.05	NS
Milk	18.95 (± 43.71)	21.58 (± 44.56)	61.77 (± 191.84)	36.11 (± 125.69)	NS	p<.001	17.67 (± 41.26)	17.75 (± 51.13)	48.60 (± 86.29)	33.28 (± 71.18)	NS	p<.001
Added Oil	8.72 (± 6.47)	9.46 (± 6.44)	15.06 (± 12.66)	11.34 (± 9.81)	NS	p<.001	7.54 (± 3.96)	8.15 (± 8.13)	10.01 (± 8.87)	8.94 (± 7.86)	NS	p<.001
Total	738.14 (± 262.58)	738.61 (± 257.95)	954.72 (± 773.85)	822.03 (± 532.66)	NS	p<.001	748.77 (± 439.82)	728.46 (± 295.14)	805.65 (± 328.24)	772.06 (± 350.53)	NS	NS
N	223	132	224	579			145	166	316	627		

Food Item	ICDDR,B-only cell			t - test (2) vs (3)	Comparison cell			t - test (6) vs (7)
	TGs	NTGs	Cell total		TGs	NTGs	Cell total	
	(1)	(2)	(3)		(4)	(5)	(6)	
Rice	411.71 (± 401.29)	409.78 (± 182.21)	410.72 (± 309.12)	NS	376.74 (± 164.54)	379.91 (± 161.19)	382.44 (± 163.78)	NS
Wheat	15.50 (± 40.47)	27.65 (± 54.34)	21.71 (± 48.40)	p<.01	21.44 (± 49.77)	29.92 (± 63.81)	23.72 (± 53.98)	NS
Pulses	7.64 (± 15.31)	14.95 (± 18.19)	11.38 (± 17.22)	p<.001	5.94 (± 13.05)	10.78 (± 33.25)	7.24 (± 20.62)	NS
Leafy Vegetables	12.53 (± 23.23)	32.58 (± 45.76)	22.78 (± 37.84)	p<.001	35.34 (± 69.69)	44.45 (± 64.12)	37.79 (± 68.30)	NS
Other Vegetables	44.74 (± 46.47)	76.21 (± 61.70)	60.82 (± 56.96)	p<.001	94.52 (± 92.67)	112.13 (± 114.27)	99.25 (± 99.15)	NS
Fruit	9.36 (± 25.43)	24.60 (± 43.33)	17.15 (± 36.49)	p<.001	14.34 (± 50.40)	19.31 (± 43.97)	15.68 (± 48.77)	NS
Fish	66.14 (± 57.41)	87.88 (± 61.35)	77.25 (± 60.39)	p<.001	75.21 (± 63.55)	94.78 (± 81.65)	80.47 (± 69.36)	p<.01
Meat	5.84 (± 32.43)	9.73 (± 26.72)	7.83 (± 29.69)	NS	6.79 (± 30.20)	10.33 (± 22.23)	7.74 (± 28.30)	NS
Eggs	1.41 (± 3.94)	4.60 (± 11.67)	3.04 (± 8.92)	p<.001	2.34 (± 15.89)	5.06 (± 24.27)	3.07 (± 18.54)	NS
Milk	14.47 (± 36.82)	48.57 (± 69.47)	31.89 (± 58.44)	p<.001	16.46 (± 41.49)	42.81 (± 67.21)	23.55 (± 51.03)	p<.001
Added Oil	8.23 (± 6.26)	13.01 (± 10.12)	10.68 (± 8.78)	p<.001	7.62 (± 7.44)	9.06 (± 6.49)	8.01 (± 7.22)	p<.05
Total	597.62 (± 45.14)	749.63 (± 321.58)	675.29 (± 397.36)	p<.001	656.79 (± 315.47)	776.60 (± 368.50)	689.01 (± 334.50)	p<.001
N	291	304	595		443	163	606	

Aggregate Membership Comparison						
Food Item	BRAC members	Non-members		All	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	439.27 (± 282.12)	399.70 (± 254.64)	428.63 (± 211.30)	417.52 (± 242.18)	P<.05	NS
Wheat	30.30 (± 62.07)	19.16 (± 46.77)	29.70 (± 60.28)	25.17 (± 55.36)	P<.001	NS
Pulses	9.76 (± 15.05)	7.74 (± 14.35)	15.29 (± 25.40)	11.13 (± 20.04)	P<.05	p<.001
Leafy Vegetables	27.14 (± 33.24)	32.14 (± 55.56)	43.58 (± 52.90)	36.04 (± 52.23)	NS	p<.001
Other Vegetables	103.90 (± 63.72)	82.72 (± 77.20)	101.18 (± 87.40)	93.75 (± 80.40)	P<.001	NS
Fruit	13.76 (± 45.32)	13.38 (± 47.43)	26.49 (± 64.47)	18.86 (± 55.20)	NS	p<.01
Fish	82.26 (± 52.11)	74.03 (± 60.20)	92.09 (± 67.43)	82.72 (± 62.66)	p<.05	p<.05
Meat	6.82 (± 16.56)	6.30 (± 28.18)	13.04 (± 92.93)	9.1 (± 62.87)	NS	p<.05
Eggs	2.39 (± 4.28)	2.01 (± 10.92)	4.68 (± 13.00)	3.16 (± 11.17)	NS	p<.01
Milk	18.44 (± 42.70)	16.76 (± 42.36)	50.58 (± 112.74)	30.85 (± 81.04)	NS	p<.001
Added Oil	8.25 (± 5.64)	8.11 (± 7.14)	11.88 (± 10.14)	9.7 (± 8.53)	NS	p<.001
Total	742.32 (± 342.98)	662.10 (± 353.48)	817.19 (± 474.75)	738.73 (± 412.60)	p<.001	p<.01
N	368	1032	1007	2425		

**Table 3.8 : Amount of Food Consumed  
(in calorie per capita per day)**

Food Item	BRAC + ICDDR,B cell					BRAC-only cell						
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
Rice	1496.94 (± 558.04)	1439.55 (± 479.89)	1613.96 (± 1033.33)	1529.13 (± 767.32)	NS	NS	1555.15 (± 1395.12)	1477.17 (± 616.28)	1507.85 (± 621.37)	1510.67 (± 61.90)	NS	NS
Wheat	116.57 (± 207.24)	107.32 (± 196.35)	189.46 (± 262.12)	142.66 (± 230.52)	NS	p<.001	82.97 (± 217.48)	33.06 (± 121.73)	45.10 (± 142.12)	50.67 (± 159.02)	p<.05	NS
Pulses	34.51 (± 55.85)	43.30 (± 66.20)	76.96 (± 114.07)	52.94 (± 87.10)	NS	p<.001	31.89 (± 44.55)	30.23 (± 33.31)	44.22 (± 63.02)	37.66 (± 52.83)	NS	p<.05
Leafy Vegetables	12.71 (± 20.61)	15.94 (± 22.53)	20.27 (± 37.89)	16.37 (± 29.04)	NS	p<.01	27.29 (± 22.75)	44.16 (± 34.75)	43.16 (± 30.14)	39.75 (± 30.68)	p<.001	p<.001
Other Vegetables	73.50 (± 47.27)	72.74 (± 43.93)	80.55 (± 75.25)	76.06 (± 59.10)	NS	NS	71.56 (± 40.29)	70.67 (± 42.58)	76.79 (± 49.33)	73.96 (± 45.65)	NS	NS
Fruit	10.57 (± 30.28)	16.31 (± 43.37)	29.58 (± 62.34)	19.23 (± 48.48)	NS	p<.001	2.95 (± 11.61)	2.72 (± 16.16)	6.98 (± 13.81)	4.92 (± 14.15)	NS	p<.001
Fish	102.15 (± 65.37)	97.70 (± 77.12)	127.57 (± 103.99)	110.97 (± 85.67)	NS	p<.001	105.95 (± 66.29)	103.26 (± 67.53)	111.22 (± 63.69)	107.89 (± 65.32)	NS	NS
Meat	8.23 (± 18.66)	11.46 (± 28.28)	30.38 (± 214.98)	17.54 (± 135.10)	NS	p<.05	6.73 (± 18.40)	2.98 (± 13.05)	8.58 (± 21.74)	6.67 (± 19.13)	p<.05	NS
Eggs	21.96 (± 50.66)	26.01 (± 51.65)	71.60 (± 222.36)	41.85 (± 145.69)	NS	p<.001	20.48 (± 47.82)	20.58 (± 59.26)	56.33 (± 100.02)	38.57 (± 82.50)	NS	p<.001
Milk	12.69 (± 29.29)	14.46 (± 29.86)	41.39 (± 128.53)	24.10 (± 84.22)	NS	p<.001	11.84 (± 27.64)	11.89 (± 34.26)	32.56 (± 57.81)	22.30 (± 47.69)	NS	NS
Added Oil	78.48 (± 58.23)	85.15 (± 57.98)	135.51 (± 113.98)	102.06 (± 88.26)	NS	p<.001	67.89 (± 35.67)	73.39 (± 73.22)	90.06 (± 79.83)	80.52 (± 70.77)	NS	p<.001
Total	1968.32 (± 678.61)	1928.93 (± 624.19)	2417.23 (± 1732.25)	2133.01 (± 1214.15)	NS	p<.001	1984.71 (± 1428.08)	1870.10 (± 746.80)	2022.86 (± 805.67)	1973.59 (± 973.06)	NS	NS
N	223	132	224	579			145	166	316	627		



Food Item	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rice	1424.53 (± 1388.47)	1417.86 (± 630.46)	1421.12 (± 1069.57)	NS	1303.55 (± 569.31)	1376.79 (± 557.74)	1323.25 (± 566.70)	NS
Wheat	52.88 (± 138.00)	94.32 (± 185.31)	74.05 (± 165.06)	p<.01	73.12 (± 169.74)	102.04 (± 217.61)	80.90 (± 184.10)	NS
Pulses	26.24 (± 52.54)	51.29 (± 62.41)	39.04 (± 59.09)	p<.001	20.39 (± 44.77)	36.99 (± 114.07)	24.86 (± 70.73)	NS
Leafy Vegetables	8.53 (± 15.79)	22.16 (± 31.12)	15.49 (± 25.74)	p<.001	24.03 (± 47.39)	30.23 (± 43.60)	25.70 (± 46.45)	NS
Other Vegetables	31.32 (± 32.53)	53.35 (± 43.20)	42.58 (± 39.87)	p<.001	66.17 (± 64.87)	78.49 (± 79.99)	69.48 (± 69.41)	NS
Fruit	5.15 (± 13.99)	13.53 (± 23.83)	9.43 (± 20.07)	p<.001	7.89 (± 27.72)	10.62 (± 24.19)	8.62 (± 26.82)	p<.01
Fish	83.34 (± 72.34)	110.73 (± 77.30)	97.36 (± 76.10)	p<.001	94.77 (± 80.08)	119.43 (± 102.88)	101.40 (± 87.40)	NS
Meat	6.54 (± 36.33)	10.90 (± 29.93)	8.77 (± 33.26)	NS	7.61 (± 33.83)	11.58 (± 24.90)	8.68 (± 31.70)	p<.001
Eggs	16.77 (± 42.69)	56.31 (± 80.52)	36.97 (± 67.74)	p<.001	19.08 (± 48.10)	49.63 (± 77.91)	27.30 (± 56.15)	p<.001
Milk	9.69 (± 24.67)	32.55 (± 46.54)	21.37 (± 39.16)	p<.001	11.03 (± 27.80)	28.69 (± 45.03)	15.78 (± 34.19)	p<.05
Added Oil	74.14 (± 56.39)	117.17 (± 91.13)	96.12 (± 79.07)	p<.001	68.65 (± 66.98)	81.62 (± 58.45)	72.14 (± 65.00)	NS
Total	1739.14 (± 1449.73)	1980.17 (± 807.32)	1862.29 (± 1171.79)	p<.01	1696.30 (± 743.74)	1926 (± 798.64)	1758.11 (± 756.06)	p<.01
N	291	304	595		443	163	606	

Aggregate Membership Comparison						
Food Item	BRAC members	Non-members		All	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	1519.87 (± 976.16)	1382.98 (± 881.08)	1483.07 (± 731.11)	1444.63 (± 837.96)	p<.01	NS
Wheat	103.33 (± 211.68)	65.34 (± 159.50)	101.29 (± 205.58)	85.83 (± 188.78)	p<.01	NS
Pulses	33.48 (± 51.64)	26.55 (± 49.24)	52.47 (± 87.12)	38.17 (± 68.74)	p<.05	p<.001
Leafy Vegetables	18.46 (± 22.60)	21.86 (± 37.78)	29.64 (± 35.98)	24.51 (± 35.51)	p<.05	p<.001
Other Vegetables	72.73 (± 44.61)	57.91 (± 54.04)	70.83 (± 61.18)	65.63 (± 56.28)	p<.001	NS
Fruit	7.37 (± 24.93)	7.36 (± 26.09)	14.57 (± 35.46)	10.37 (± 30.36)	NS	p<.001
Fish	103.65 (± 65.67)	93.29 (± 75.86)	116.04 (± 84.96)	104.23 (± 78.96)	p<.01	p<.01
Meat	7.64 (± 18.55)	7.06 (± 31.56)	14.62 (± 104.09)	10.19 (± 70.42)	NS	p<.05
Eggs	21.37 (± 49.50)	19.43 (± 49.11)	58.64 (± 130.68)	35.75 (± 93.93)	NS	p<.001
Milk	12.36 (± 28.62)	11.23 (± 28.39)	33.89 (± 75.54)	20.67 (± 54.29)	NS	p<.001
Added Oil	74.31 (± 50.76)	73.07 (± 64.26)	106.99 (± 91.29)	87.33 (± 76.79)	NS	p<.001
Total	1974.70 (± 1038.67)	1766.09 (± 987.17)	2082.04 (± 1095.73)	1928.45 (± 1049.41)	p<.001	NS
N	368	1032	1007	2427		

Table 3.9 : Entry Consumption as percentage of Daily Requirement (2310 calories per day)

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 2310	78	77	66	73	NS	P<.01	83	80	72	77	NS	P<.01
≥ 2310	22	23	34	27	NS	P<.01	17	20	28	23	NS	P<.01
N	223	132	224	579			145	166	316	627		

  

Variables	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
< 2310	89	61	80	P<.001	88	75	85	P<.001
≥ 2310	11	39	20	P<.001	12	25	15	P<.001
N	291	304	595		443	163	606	

  

Variables	Aggregate Membership Comparison					
	BRAC members	Non-members		All	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
< 2310	80	86	71	78	P<.01	P<.001
≥ 2310	20	14	29	22	P<.01	P<.001
N	368	1032	1007	2407		

## FOOD INTAKE

**Table1: Distribution of households according to 4 study cells and membership status.**

<b>Membership Status</b>	<b>4 Study cells</b>				
	<b>BRAC- ICDDR,B (N)</b>	<b>BRAC Only (N)</b>	<b>ICDDR,B Only (N)</b>	<b>Comparison (N)</b>	<b>Total (N)</b>
<b>BRAC member</b>	<b>223</b>	<b>144</b>			<b>367</b>
<b>Non member TG</b>	<b>132</b>	<b>158</b>	<b>284</b>	<b>432</b>	<b>1,112</b>
<b>Non member NTG</b>	<b>224</b>	<b>315</b>	<b>300</b>	<b>155</b>	<b>994</b>
<b>Total (N)</b>	<b>579</b>	<b>623</b>	<b>584</b>	<b>587</b>	<b>2,390</b>

**Table 1 : Amount of food consumed over last 24 hrs, 3 days and 7 days (In Kilogram per consumption unit)**

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
24 hours	.71	.66	.84	.75	.05	NS	.72	.69	.66	.68	NS	NS
3 days	2.21	2.10	2.46	2.29	NS	.05	2.13	2.05	2.06	2.04	NS	NS
7 days	5.03	4.58	5.41	5.07	.01	NS	4.84	4.65	4.69	4.71	NS	NS
N	223	132	224	579			144	158	315	623		

  

Variables	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test
				(2) vs (3)				(6) vs (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
24 hours	.6	.72	.66	.001	.63	.65	.63	NS
3 days	1.78	2.03	1.91	.001	1.88	1.92	1.89	NS
7 days	4.14	4.63	4.39	.001	4.41	4.45	4.42	NS
N	284	300	584		432	155	587	

Variables	Aggregate Membership Comparison					
	BRAC members	Non-members		All	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
24 hours	.72	.63	.72	.68	.001	NS
3 days	2.18	1.91	2.12	2.04	.001	NS
7 days	4.96	4.40	4.80	4.65	.001	NS
N	368	1112	994	2390		

**Table 2: Amount of food consumed over last 24 hrs, 3 days and 7 days (In gram per consumption unit)**

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
24 hours	714.23	655.80	839.28	749.29	.05	NS	723.60	689.02	662.02	683.79	NS	NS
3 days	2213.00	2099.58	2465.87	2284.97	NS	.05	2128.40	2058.96	2057.64	2074.47	NS	NS
7 days	5030.49	4579.21	5409.02	5074.05	.05	NS	4839.38	4649.96	4687.84	4713.20	NS	NS
N	223	132	224	579			144	158	315	623		

  

Variables	ICDDR,B-only cell				Comparison cell					
	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test	
				(2) vs (3)	(2) vs (4)				(6) vs (7)	(6) vs (9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
24 hours	606.76	718.47	664.26	.001	627.76	653.74	634.62	NS		
3 days	1789.46	200.81	1913.44	.001	1885.28	1915.70	1893.31	NS		
7 days	4139.17	4634.08	4392.98	.001	4413.26	4447.77	4422.38	NS		
N	285	300	584		432	155	587			

Variables	Aggregate Membership Comparison					
	BRAC members	Non-members		All	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
24 hours	717.91	635.22	718.01	682.35	.001	NS
3 days	2179.67	1914.20	2119.43	2040.28	.001	NS
7 days	4955.19	4395.84	4796.70	4649.30	.001	NS
N	368	1112	994	2390		

Table 3: Amount of food consumed over last 24 hrs, 3 days and 7 days (In calorie per consumption unit)

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
24 hours	2354.76	2195.97	2817.14	2479.44	NS	.05	2404.93	2286.838	2233.35	2287.09	NS	NS
3 days	7239.38	6339.37	8023.10	7551.91	NS	.01	6984.08	6913.49	6779.64	6862.15	NS	NS
7 days	16765.28	15344.92	18291.35	17031.87	.05	.05	16119.13	15741.62	15658.86	15787.65	NS	NS
N	223	132	224	579			114	158	315	623		

  

Variables	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
24 hours	2075.82	2382.54	2233.68	.001	2139.16	2232.17	2163.72	NS
3 days	6106.08	6843.79	6485.04	.001	6421.03	6583.52	6463.94	NS
7 days	14262.08	15714.43	15006.87	.01	15012.85	15301.03	15088.94	NS
N	300	584			432	155	587	

Variables	Aggregate Membership Comparison					
	BRAC members	Non-members		All	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
24 hours	2374.44	2152.15	2409.81	2293.36	.001	NS
3 days	7138.79	6479.20	7093.91	6336.20	.001	NS
7 days	16510.69	14962.12	16213.07	15722.74	.001	NS
N	368	1112	994	2390		

Table 4: Amount of food consumed (In gram per capita per day)

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Rice	432.50	410.42	453.16	435.46	NS	NS	422.15	426.18	435.95	430.17	NS	NS
Wheat flour	36.68	30.14	52.95	41.48	NS	.05	21.37	9.69	15.81	15.48	.01	NS
Wheat	.87	1.87	1.05	1.17	NS	NS	-	-	-	-	-	NS
Potatoes	43.74	39.27	50.62	45.38	NS	NS	40.82	29.21	43.36	39.3	.01	NS
Sweet Potato	-	-	-	-	-	-	.03	.17	-	.05	NS	NS
Hen's egg	.87	.98	2.38	1.48	NS	.001	.60	1.09	2.36	1.61	NS	.001
Duck's egg	1.56	2.13	4.27	2.73	NS	.05	2.58	.76	1.26	1.43	.001	.01
Cooking oil	8.78	9.48	17.10	12.15	NS	.001	7.52	7.77	9.70	8.69	NS	.001
Total	524.98	494.29	581.53	539.86	NS	.05	495.07	474.88	508.52	496.50	NS	NS
N	223	132	224	579			145	166	316	627		

  

Variables	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Rice	380.31	410.31	395.86	.05	376.72	395.29	381.71	NS
Wheat flour	14.71	26.26	20.61	.01	17.89	29.31	29.43	NS
Wheat	.84	.64	.74	NS	.17	1.20	.44	NS
Potatoes	19.02	38.86	29.16	.001	25.09	22.23	24.32	NS
Sweet Potato	-	.03	.01	NS	-	-	-	-
Hen's egg	.81	2.06	1.45	.001	1.05	1.73	1.23	.05
Duck's egg	.73	2.57	1.67	.001	.43	.87	.55	NS
Cooking oil	8.18	12.89	10.58	.001	7.42	9.32	7.93	.01
Total	425.05	493.62	460.09	.001	430.76	459.96	438.61	NS
N	201	304	595		443	163	604	



<b>Aggregate Membership Comparison</b>						
Variables	BRAC members	Non-members		All	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	428.42	390.12	425.19	409.19	.001	NS
Wheat flour	30.65	18.10	29.41	.58	.001	NS
Wheat	.52	.55	.65	24.62	NS	NS
Potatoes	42.59	25.85	40.20	34.28	.001	NS
Sweet Potato	.01	.03	-	.02	NS	-
Hen's egg	.76	.97	2.17	1.43	NS	.001
Duck's egg	1.96	.78	2.26	1.57	.001	NS
Cooking oil	8.28	7.96	12.25	9.76	NS	.001
Total	513.20	444.37	512.40	481.45	.001	NS
N	368	1032	1007	2425		

Table 5: Amount of food consumed (In calorie per capita per day)

Variables	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Rice	1496.44	1420.04	1567.95	1506.69	NS	NS	1460.64	1474.59	1508.37	14188.39	.001	NS
Wheat flour	125.07	102.77	180.55	141.95	NS	.05	72.88	33.06	53.93	52.78	.01	NS
Wheat	2.99	6.45	3.64	4.03	NS	NS	-	-	.30	.15	-	NS
Potatoes	42.43	38.09	49.10	44.02	NS	NS	39.59	28.33	42.06	37.85	.01	NS
Sweet Potato	-	-	-	-	-	-	.04	.21	-	.06	NS	NS
Hen's egg	1.51	1.70	4.12	2.56	NS	.001	1.03	1.88	4.08	2.79	NS	.001
Duck's egg	2.83	3.86	7.73	4.96	NS	.001	4.67	1.38	2.27	2.59	.01	.05
Cooking oil	78.93	85.33	153.87	109.37	NS	.001	67.70	69.94	87.31	78.18	NS	.001
Total	1750.17	1658.25	1966.96	1813.09	NS	.01	1646.56	1609.39	1698.33	1662.81	NS	NS
N	223	132	224	579			145	166	316	627		

  

Variables	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test
				(2) vs (3)				(6) vs (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Rice	1317.42	1419.67	1639.66	.05	1303.45	1367.70	1320.73	NS
Wheat flour	50.18	89.53	70.29	.01	67.83	99.96	76.47	NS
Wheat	2.91	2.23	2.56	NS	.58	4.15	1.54	NS
Potatoes	18.45	37.70	28.28	.001	24.33	21.96	23.59	NS
Sweet Potato	-	.03	.02	NS	-	-	-	-
Hen's egg	1.40	3.56	2.51	.001	1.81	3.00	2.13	.05
Duck's egg	1.33	4.66	3.03	.001	.77	1.58	.99	NS
Cooking oil	73.59	115.98	95.25	.001	66.81	83.85	71.40	.01
Total	1465.28	1673.37	1571.60	.001	1465.58	1581.81	1496.84	.05
N	291	304	595		443	163	606	

<b>Aggregate Membership Comparison</b>						
Variables	BRAC members	Non-members		All	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	1482.34	1349.83	1472.08	1415.80	.001	NS
Wheat flour	104.51	61.73	100.29	83.94	.001	-
Wheat	1.81	1.89	2.25	2.01	NS	NS
Potatoes	41.31	25.08	39.00	33.25	.001	NS
Sweet Potato	.01	.03	.01	.02	NS	NS
Hen's egg	1.32	1.69	3.76	2.48	NS	.001
Duck's egg	3.55	1.42	4.10	2.85	.001	NS
Cooking oil	74.49	71.60	110.21	87.86	NS	.001
Total	1709.34	1513.27	1731.69	1628.21	.001	NS
N	368	1032	1007	2425		

## Infant and child feeding practices

Table 1 (a): *Distribution of the study children by age, sex and BRAC membership status*

Sex of the child	BRAC + ICDDR,B cell				BRAC-only cell			
	BRAC members	Non-members		Cell total	BRAC members	Non-members		Cell total
		TGs	NTGs			TGs	NTGs	
(1)	(2)	(3)	(4)	(5)	(8)	(9)	(10)	(11)
Male	58.3	58.3	48.0	54.8	57.1	52.8	61.7	58.0
Female	41.7	41.7	52.0	45.2	42.9	47.2	38.3	42.0
Total	60	36	50	146	35	36	60	131

  

Sex of the child	ICDDR,B-only cell			Comparison cell		
	TGs	NTGs	Cell total	TGs	NTGs	Cell total
	(2)	(3)	(4)	(6)	(7)	(8)
Male	50.0	45.2	50.3	51.8	45.5	47.6
Female	50.0	54.8	49.7	48.2	54.5	52.3
Total	66	62	147	114	33	128

Table 1(b): *Distribution of the children by age, sex and BRAC membership status*

		BRAC + ICDDR,B cell						BRAC-only cell					
Age of the children (month)		BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
			TGs	NTGs		(2) Vs (3)	(2) Vs (4)		TGs	NTGs		(8) Vs (9)	(8) Vs (10)
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1 - 6	M	29.0	11.1	4.2	16.4	NS	p<.05	20.0	10.5	18.9	17.1	NS	NS
7 - 24		71.0	88.9	95.8	83.6			80.0	89.5	81.1	83.3		
N		31	18	24	73			20	19	37	76		
1 - 6	F	32.0	42.9	23.1	30.8	NS	NS	6.7	31.3	27.3	22.6	NS	NS
7 - 24		68.0	57.1	76.9	69.2			93.3	68.8	72.7	77.4		
N		25	14	26	65			15	16	22	53		

  

		ICDDR,B-only cell				Comparison cell			
Age of the children (month)		TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
					(2) Vs (3)				(6) Vs (7)
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1 - 6	M	9.4	22.2	15.3	NS	30.5	30.8	30.6	NS
7 - 24		90.6	77.8	84.8		69.5	69.2	69.4	
N		32	27	59		59	13	72	
1 - 6	F	9.4	18.8	14.1	NS	21.2	17.6	20.3	NS
7 - 24		90.6	81.3	85.9		78.8	82.4	79.7	
N		32	32	64		52	17	69	

  

		Aggregate Membership Comparison						
Age of the children (month)		BRAC members	Non-members		All	$\chi^2$ - test		
			TGs	NTGs		(2) Vs (3)	(2) Vs (4)	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	
1 - 6	M	25.5	19.5	17.8	20.0	NS	NS	
7 - 24		74.5	80.5	82.2	80.0			
N		51	128	101	280			
1 - 6	F	22.5	21.9	21.6	21.9	NS	NS	
7 - 24		77.5	78.1	78.4	78.1			
N		40	114	97	251			

Table 2 : Birth order of the study children

		BRAC + ICDDR,B cell					BRAC-only cell					
Birth order	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1 st	30.0	22.2	32.0	28.8	NS	NS	11.4	19.4	35.0	24.6	NS	p<.05
2 nd - 3rd	40.0	52.8	42.0	43.8			42.9	33.3	31.7	35.4		
4 th - 5th	16.7	25.0	20.0	19.9			22.9	33.3	23.3	26.2		
6th	13.3	-	6.0	7.5			13.9	10.0	7.6	13.9		
N	60	36	50	146			35	36	60	130		
		ICDDR,B-only cell				Comparison cell						
Birth order	TGs	NTGs	Cell total	$\chi^2$ - test		TGs	NTGs	Cell total	$\chi^2$ - test			
				(2) vs (3)	(2) vs (4)				(6) vs (7)	(6) vs (7)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
1 st	21.2	32.8	26.8	NS	16.7	27.3	19.0	NS	19.0	27.3		
2 nd - 3rd	34.8	36.1	35.4		39.5	36.4	38.8		39.5	36.4	38.8	
4 th - 5th	36.4	16.4	26.8		29.8	24.2	28.6		29.8	24.2	28.6	
6th	7.6	14.8	11.0		14.0	12.1	13.6		14.0	12.1	13.6	
N	66	61	127		114	33	147		114	33		
		Aggregate Membership Comparison										
Birth order	BRAC members	Non-members		All	$\chi^2$ - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
1 st	23.2	19.0	32.4	24.7	NS	NS						
2 nd - 3rd	41.1	39.3	26.3	38.5								
4 th - 5th	18.9	31.3	20.6	25.2								
6th	16.8	10.3	10.8	11.6								
N	95	252	204	551								

**Table 3 : Place of child birth**

Place of Birth	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
At home	46.7	74.3	49.0	54.2	NS	NS	74.3	58.3	46.7	57.3	NS	p<.05
Paternal grand father's home	30.0	11.4	26.5	24.3			11.4	19.4	18.3	16.8		
Maternal grand mothers home	18.3	11.4	14.3	15.3			14.3	22.2	28.3	22.9		
Others (hospital, health center)	5.0	2.9	10.2	6.3			-	-	6.7	3.1		
N	60	35	49	144			35	36	60	131		

  

Place of Birth	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
				(2) vs (3)				(6) vs (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
At home	78.8	46.7	63.5	p<.001	64.9	33.3	57.8	p<.001
Paternal grand father's home	4.5	33.3	18.3		12.3	42.4	19.0	
Maternal grand mothers home	16.7	15.0	15.9		22.8	24.2	23.1	
Others (hospital, health center)	-	5.0	2.4		-	-	-	
N	66	60	127		114	33	147	

  

Place of Birth	Aggregate Membership Comparison						
	BRAC members	Non-members		All	$\chi^2$ - test		
		TGs	NTGs		(2) vs (3)	(2) vs (4)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
At home	56.8	68.9	45.0	58.0	p<.01	NS	
Paternal grand father's home	23.2	11.2	28.7	19.7			
Maternal grand mothers home	16.8	19.5	20.3	19.3			
Others (hospital, health center)	3.2	0.4	5.9	2.9			
N	95	251	202	548			

Table 4 : Types of pre-lacteal feeding given to the children

Types of pre-lacteal feeding	BRAC + ICDDR,B cell					BRAC-only cell						
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(6) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Honey / honey with water	55.0	66.7	50.0	56.3	NS	p<.05	65.7	66.7	71.2	68.5	NS	p<.05
Water with sugar	23.3	22.2	33.3	26.4			8.6	-	6.8	5.4		
Mustard oil	18.3	8.3	4.2	11.1			8.6	25.0	20.3	18.5		
Plain water	3.3	2.8	12.5	6.3			17.1	8.3	1.7	7.7		
N	60	36	48	144			35	36	59	130		

  

Types of pre-lacteal feeding	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
				(2) vs (3)				(6) vs (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Honey / honey with water	43.1	43.3	43.2	NS	63.2	63.6	63.3	NS
water with sugar	6.2	1.7	4.0		-	3.0	0.7	
Mustard oil	35.4	40.0	37.6		36.0	33.3	35.4	
Plain water	15.4	15.0	15.2		0.9	-	0.7	
N	65	60	125		114	33	147	

  

Types of pre-lacteal feeding	Aggregate Membership Comparison					
	BRAC members	Non-members		All	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Honey / honey with water	58.9	59.0	56.5	58.1	P<.001	NS
Water with sugar	17.9	4.8	11.0	9.3		
Mustard oil	14.7	30.3	24.5	25.5		
Plain water	8.4	6.0	8.0	7.1		
N	95	251	200	546		



**Table 5 : Reasons for giving pre-lacteal feeding**

Reasons for giving pre-lacteal feeding	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Giving honey is our tradition	22.0	30.6	32.0	27.6			35.3	5.7	13.6	17.2		
Child becomes normal and quiet	25.4	27.8	26.0	26.2			14.7	31.4	28.8	25.8		
No milk secretion immediately after delivery	30.5	19.4	32.0	28.3	NS	NS	32.4	31.4	42.4	36.7	<0.05	NS
Mustard oil is used to clean baby's mouth	22.0	22.2	10.0	17.9			17.6	31.4	15.3	20.3		
N	59	36	50	145			34	35	59	128		

  

Reasons for giving pre-lacteal feeding	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Giving honey is our tradition	12.7	22.6	17.6		15.9	15.2	15.8	
Child becomes normal and quiet	40.0	24.5	32.4		19.5	12.1	17.8	
No milk secretion immediately after delivery	29.1	24.5	26.9	NS	12.4	24.2	15.1	NS
Mustard oil is used to clean baby's mouth	18.2	28.3	23.1		52.2	48.5	51.4	
N	55	53	108		113	33	147	

**Table 5 : Reasons for giving pre-lacteal feeding**

Reasons for giving pre-lacteal feeding	Aggregate Membership Comparison					
	BRAC members	Non-members		All	$\chi^2$ - test	
		TGs	NIGs		(2) vs (3)	(2) vs (4)
	(1)	(2)	(3)	(4)	(5)	(6)
Giving honey is our tradition	26.9	15.9	21.0	19.7	< 0.05	NS
Child becomes normal and quiet	21.5	27.2	24.1	25.0		
No milk secretion immediately after delivery	31.2	20.1	31.8	26.4		
Mustard oil is used to clean baby's mouth	20.4	36.8	23.1	28.8		
N	93	239	195	527		

Table 6 : Means of giving pre-lacteal feeding

Means of giving prelacteal feedings	BRAC + ICDDR,B cell					BRAC-only cell						
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Using finger	71.2	72.2	44.0	62.1	NS	p<.05	83.3	97.1	89.8	90.6	NS	NS
Using spoon	6.8	2.8	16.0	9.0			5.9	2.9	5.1	4.7		
Using dropper	-	2.8	6.0	2.8			-	-	3.4	1.6		
Using bottle	22.0	22.2	34.0	26.2			8.8	-	1.7	3.1		
N	59	36	50	145			34	35	59	128		

  

Means of giving prelacteal feedings	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
				(2) vs (3)				(6) vs (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Using finger	91.1	94.3	92.7	NS	99.1	97.0	98.6	NS
Using spoon	5.4	3.8	4.6		0.9	-	0.7	
Using dropper	-	-	-		-	-	-	
Using bottle	3.6	1.9	2.8		-	3.0	0.7	
N	56	53	109		114	33	147	

  

Aggregate Membership Comparison						
Means of giving prelacteal feedings	BRAC members	Non-members		All	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Using finger	76.3	92.9	80.5	85.4	p<.001	NS
Using spoon	6.5	2.5	6.7	4.7		
Using dropper	-	0.4	2.6	1.1		
Using bottle	17.2	4.1	10.3	8.7		
N	93	241	195	529		

Table 7 : Initiator of pre-lacteal feeding

Initiator of pre-lacteal feeding	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
		(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	(10)	(11)
Mother	33.9	30.6	38.0	34.5	NS	NS	14.7	2.9	6.7	7.8	NS	NS
Grand mother	40.7	30.6	26.0	33.1			41.2	60.0	43.3	47.3		
Mid-wife	18.6	30.6	24.0	23.5			26.5	20.0	31.7	27.1		
Father or neighbor	6.8	8.3	12.0	9.0			17.6	17.1	18.3	17.8		
N	59	36	50	145			34	35	60	129		

  

Initiator of pre-lacteal feeding	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
				(2) vs (3)				(6) vs (7)
			(2)	(3)			(4)	(5)
Mother	21.4	5.7	13.8	p<.05	8.8	15.2	10.2	NS
Grand mother	42.9	43.4	43.1		41.2	54.5	44.2	
Mid-wife	17.9	39.6	28.4		36.8	18.2	32.7	
Father or neighbor	17.9	11.3	14.7		13.2	12.1	12.9	
N	56	53	109		114	33	147	

  

Initiator of pre-lacteal feeding	Aggregate Membership Comparison						
	BRAC members	Non-members		All	$\chi^2$ - test		
		TGs	NTGs		(2) vs (3)	(2) vs (4)	
		(2)	(3)	(4)	(5)	(6)	(7)
Mother	26.9	14.1	15.8	17.0	p<.05	NS	
Grand mother	40.9	42.7	40.8	41.7			
Mid-wife	21.5	29.0	29.6	27.9			
Father or neighbor	10.8	14.1	13.8	13.4			
N	93	241	196	530			

**Table 8: Proportion of children receiving colostrum**

Proportion of children received colostrum	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Yes	91.7	83.3	88.0	83.3			88.6	80.6	93.3	88.6		
No	8.3	16.7	12.0	16.7	NS	NS	11.4	19.4	6.7	11.5	NS	NS
N	60	36	50	102			35	36	60	131		

  

Proportion of children received colostrum	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Yes	87.9	90.2	89.0		50.9	78.8	57.1	
No	12.1	9.8	11.0	NS	49.1	21.2	42.9	p<.01
N	66	61	127		114	33	147	

  

Proportion of children received colostrum	Aggregate Membership Comparison					
	BRAC members	Non-members		All	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
	(1)	(2)	(3)	(4)	(5)	(6)
Yes	90.5	69.4	88.7	80.2		
No	9.5	30.6	11.3	19.8	p<.001	NS
N	95	252	204	551		

Table 9: The reasons of giving colostrum

Reasons for giving colostrum	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Colostrum is the nutritious food for the baby	7.3	3.3	13.6	4.8			3.2	13.8	9.1	5.5		
Colostrum protects the baby from diseases	38.2	40.0	38.6	40.3			48.4	37.9	41.8	44.5		
Doctor suggests to give colostrum for better health	10.9	30.0	15.9	17.1	NS	NS	9.7	17.2	20.0	16.4	NS	NS
Colostrum is good for the baby	43.6	26.7	31.8	37.1			38.7	31.0	29.1	33.6		
<i>N</i>	55	30	44	124			31	29	55	110		
Reasons for giving colostrum	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	$\chi^2$ - test		TGs	NTGs	Cell total	$\chi^2$ - test			
				(2) vs (3)	(2) vs (4)				(6) vs (7)	(6) vs (7)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
Colostrum is the nutritious food for the baby	12.1	16.7	9.4				8.5	11.5	14.3			
Colostrum protects the baby from diseases	44.8	61.1	1.2				-	7.8	52.7			
Doctor suggests to give colostrum for better health	36.2	18.5	83.5		NS		86.4	76.9	27.7		NS	
Colostrum is good for the baby	6.9	3.7	5.9				5.1	7.7	5.4			
<i>N</i>	58	54	85				59	26	112			

Aggregate Membership Comparison						
Reasons for giving colostrum	BRAC members	Non-members		All	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Colostrum is the nutritious food for the baby	5.8	9.7	12.8	10.2	p<.001	p<.001
Colostrum protects the baby from diseases	41.9	27.8	41.3	36.1		
Doctor suggests to give colostrum for better health	10.5	48.9	26.8	32.4		
Colostrum is good for the baby	41.9	13.6	19.0	21.3		
<i>N</i>	86	176	179	441		

Table 10 : Proportion of currently breast feed

		BRAC + ICDDR,B cell					BRAC-only cell					
Currently breast fed	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Yes	100.0	94.4	94.0	96.6			100.0	94.4	98.3	97.7		
No	-	5.6	6.0	3.4	NS	NS	-	5.6	1.7	2.3	NS	NS
N	60	36	50	146			35	36	60	131		

  

		ICDDR,B-only cell			Comparison cell			
Currently breast fed	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
				(2) vs (3)				(6) vs (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Yes	98.5	96.7	97.6		100.0	100.0	100.0	
No	1.5	3.3	2.4	NS	-	-	-	NA
N	66	61	127		114	33	147	

  

Aggregate Membership Comparison						
Currently breast fed	BRAC members	Non-members		All	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Yes	100.0	98.0	97.1	98.0		
No	-	2.0	2.9	2.0	NS	NS
N	95	252	204	551		



**Table 11 : Proportion of children given breast milk and liquid**

Any other food (liquid) other than breast milk	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Yes	73.3	76.5	84.8	97.9			91.4	88.2	91.5	90.6		
No	26.7	23.5	15.2	22.1	NS	NS	8.6	11.8	8.5	9.4	NS	NS
N	60	34	46	140			35	34	59	128		
Any other food (liquid) other than breast milk	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test				
									(2) vs (3)	(6) vs (7)		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			
Yes	86.2	84.7	85.5		81.6	84.8	82.3					
No	13.8	15.3	14.5	NS	18.4	15.2	17.7	NS				
N	65	59	124		114	33	147					
Aggregate Membership Comparison												
Any other food (liquid) other than breast milk	BRAC members	Non-members		All	$\chi^2$ - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)					
Yes	80.0	83.0	86.8	83.9								
No	20.0	17.0	13.2	16.1	NS	NS						
N	95	247	197	539								

Table 12 : Age of initiating supplementary food

		BRAC + ICDDR,B cell					BRAC-only cell					
Age range (month) of weaning	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
		(1)	(2)	(3)	(4)	(5)		(6)	(7)	(8)	(9)	(10)
1 - 3	43.2	57.7	65.0	54.6	NS	NS	46.9	40.0	55.6	49.1	NS	NS
4 - 6	45.5	26.9	27.5	34.6			50.0	53.3	40.7	46.6		
7 - 10	9.1	15.4	7.5	10.0			3.1	6.7	3.7	4.3		
>10	2.3	-	-	0.9			-	-	-	-		
N	44	26	40	110			32	30	54	116		

  

		ICDDR,B-only cell				Comparison cell			
Age range (month) of weaning	(1)	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		(2) vs (3)	(6) vs (7)						
1 - 3	42.9	38.0	40.6	NS	33.3	35.7	33.9	NS	
4 - 6	35.7	48.0	41.5		37.6	42.9	38.8		
7 - 10	12.5	14.0	13.2		22.6	21.4	22.3		
>10	8.9	-	4.7		6.5	-	5.0		
N	56	50	106		93	28	121		

  

Aggregate Membership Comparison						
Age range (month) of weaning	BRAC members	Non-members		All	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
		(1)	(2)	(3)	(4)	(5)
1 - 3	44.7	40.0	49.4	44.4	NS	NS
4 - 6	47.4	38.0	40.1	40.4		
7 - 10	6.6	16.6	10.5	12.6		
>10	1.3	5.4	-	2.6		
N	76	205	172	453		

Table 13 : Reasons for weaning

Reasons for weaning	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
The baby wants to eat and he needs water	18.2	7.7	12.6	13.8			-	10.0	5.6	5.2		
Breast milk is not sufficient in the growing age of the baby	47.7	53.8	61.5	54.1			71.9	43.3	66.7	62.1		
If keeps the baby healthy	11.4	15.4	5.1	10.1	NS	NS	-	10.0	1.9	3.5	p<.05	NS
Don't know or no answer	22.7	23.1	20.5	22.0			28.1	36.7	25.9	29.3		
N	44	26	39	109			32	30	54	116		

  

Reasons for weaning	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
				(2) vs (3)				(6) vs (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
The baby wants to eat and he needs water	23.2	22.0	22.6		63.4	51.9	60.8	
Breast milk is not sufficient in the growing age of the baby	71.4	62.0	67.0		24.7	29.6	25.8	
If keeps the baby healthy	-	4.0	1.9	NS	6.5	7.4	6.7	NS
Don't know or no answer	5.4	12.0	8.5		5.4	11.1	6.7	
N	56	50	106		93	27	120	

### Aggregate Membership Comparison

Reasons for weaning	BRAC members	Non-members		All	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
		(3)	(4)		(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
The baby wants to eat and he needs water	10.5	37.6	19.4	26.2	p<.001	NS
Breast milk is not sufficient in the growing age of the baby	57.9	43.9	58.2	51.7		
If keeps the baby healthy	6.6	6.3	4.1	5.5		
Don't know or no answer	25.0	12.2	18.2	16.6		
<i>N</i>	76	205	170	451		

Table 14 : Source of advice for weaning by BRAC membership status

Advisers for giving food (1)	BRAC + ICDDR,B cell					BRAC-only cell						
	BRAC members (2)	Non-members		Cell total (5)	$\chi^2$ - test		BRAC members (8)	Non-members		Cell total (11)	$\chi^2$ - test	
		TGs (3)	NTGs (4)		(2) vs (3) (6)	(2) vs (4) (7)		TGs (9)	NTGs (10)		(8) vs (9) (12)	(8) vs (10) (13)
Mother herself	79.5	73.1	90.0	81.8			90.6	80.0	75.9	81.0		
Senior household member	9.1	11.5	2.5	7.3	NS	NS	9.4	16.7	22.2	17.2	NS	NS
Community health work	6.8	15.5	5.0	8.2			-	3.3	-	0.9		
others (midwife, neighbors)	4.5	-	2.5	2.7			-	-	1.9	0.9		
<i>N</i>	44	26	40	110			32	30	54	116		
Advisers for giving food (1)	ICDDR,B-only cell				Comparison cell							
	TGs (2)	NTGs (3)	Cell total (4)	$\chi^2$ - test (2) vs (3) (5)	TGs (6)	NTGs (7)	Cell total (8)	$\chi^2$ - test (6) vs (7) (9)				
	Mother herself	94.6	84.0	89.6		97.8	92.9	96.7				
Senior household member	3.6	6.0	4.7	NS	1.1	7.1	2.5	NS				
Community health work	1.8	10.0	5.7		1.1	-	0.8					
others (midwife, neighbors)	-	-	-		-	-	-					
<i>N</i>	56	50	106		93	28	121					
Aggregate Membership Comparison												
Advisers for giving food (1)	BRAC members (2)	Non-members		All (5)	$\chi^2$ - test							
		TGs (3)	NTGs (4)		(2) vs (3) (6)	(2) vs (4) (7)						
	Mother herself	84.2	91.2	84.3	87.4	NS	NS					
Senior household member	9.2	5.4	10.5	7.9								
Community health work	3.9	3.4	4.1	3.8								
others (midwife, neighbors)	2.6	-	1.2	0.9								
<i>N</i>	76	205	172	453								

Table 15 : Types of first solid food given to the children

Types of 1st solid food	BRAC + ICDDR,B cell					BRAC-only cell						
	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Suji	51.2	50.0	56.4	52.8	NS	NS	50.0	37.9	48.7	45.7	NS	NS
Khichuri	-	3.8	2.6	1.9			-	-	2.6	1.1		
Bhat (boiled rice)	9.8	11.5	15.4	12.3			3.8	13.8	7.7	8.5		
Muri (puffed rice)	4.9	7.7	-	3.8			3.8	10.3	7.7	7.5		
Adult food	9.8	19.2	2.6	9.4			15.4	27.6	25.6	23.5		
Others (banana, biscuit)	24.4	7.7	23.1	19.8			26.9	10.3	7.7	13.8		
N	41	26	39	106			26	29	39	94		
ICDDR,B-only cell												
Types of 1st solid food	TGs	NTGs	Cell total	$\chi^2$ - test		TGs	NTGs	Cell total	$\chi^2$ - test			
				(2) vs (3)	(5)				(6) vs (7)	(9)		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			
Suji	33.9	40.0	36.8	NS	36.6	38.5	37.0	NS				
Khichuri	3.6	2.0	2.8		-	-						
Bhat (boiled rice)	8.9	12.0	10.4		3.7	7.7	4.6					
Muri (puffed rice)	3.6	4.0	3.8		13.4	-	10.2					
Adult food	50.0	42.0	46.2		36.6	42.3	38.0					
Others (banana, biscuit)	-	-	-		9.8	11.5	10.2					
N	56	50	106		82	26	108					
Aggregate Membership Comparison												
Types of 1st solid food	BRAC members	Non-members		All	$\chi^2$ - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)					
Suji	50.7	37.8	46.1	43.0	p<.001	p<.001						
Khichuri	-	1.6	1.9	1.4								
Bhat (boiled rice)	7.5	7.8	11.0	8.9								
Muri (puffed rice)	4.5	9.3	3.2	6.3								
Adult food	11.9	36.8	27.9	29.5								
Others (banana, biscuit)	25.4	6.7	9.7	10.9								
N	67	193	154	414								

## ANTHROPOMETRIC STATUS

**Table 5.1: Total number of population surveyed by different age group in all four cells and the percentage of male female**

Age	Sex	All 4 cells	
		No. of population	Percentage
<b><u>Children:</u></b>			
Under 5 years	Male	653	51.5
	Female	615	48.5
All		1268	100
<b><u>5-11 years</u></b>			
5-11 years	Male	1168	52.5
	Female	1055	47.5
All		2223	100
<b><u>Adolescents: 11-18 years</u></b>			
Adolescents: 11-18 years	Male	1123	53
	Female	997	47
All		2120	100
<b><u>Adults</u></b>			
<b><u>Younger adults: 18-45 years</u></b>			
Younger adults: 18-45 years	Male	1963	45
	Female	2457	55
All		4367	100
<b><u>Older adults: 45-60 years</u></b>			
Older adults: 45-60 years	Male	716	48
	Female	773	52
All		1489	100
<b><u>Elderly: 60 years and above</u></b>			
Elderly: 60 years and above	Male	422	51
	Female	399	49
All		821	100

## NUTRITIONAL STATUS OF THE CHILDREN (0-11 YEARS)

Table S.1.1 : Distribution of children (0-11) by age, sex, membership status and intervention cell

		<b>BRAC + ICDDR,B cell</b>				<b>BRAC-only cell</b>			
Age in year	Sex	BRAC members	Non-members		Cell total	BRAC members	Non-members		cell total
			TGs	NTGs			TGs	NTGs	
(1)		(2)	(3)	(4)	(5)	(8)	(9)	(10)	(11)
< 5	M	57	38	59	154	38	54	106	198
	F	55	21	35	111	43	41	80	164
	<b>ALL</b>	<b>112</b>	<b>59</b>	<b>94</b>	<b>265</b>	<b>81</b>	<b>95</b>	<b>186</b>	<b>362</b>
5 - 11	M	113	51	88	252	89	84	133	306
	F	108	50	89	247	84	75	147	306
	<b>ALL</b>	<b>221</b>	<b>101</b>	<b>177</b>	<b>499</b>	<b>173</b>	<b>159</b>	<b>280</b>	<b>612</b>
		<b>ICDDR,B-only cell</b>				<b>Comparison cell</b>			
Age in year	Sex	TGs	NTGs	cell total	TGs	NTGs	cell total		
(1)		(3)	(4)	(5)	(9)	(10)	(11)		
< 5	M	63	65	128	120	43	163		
	F	80	69	149	134	50	184		
	<b>ALL</b>	<b>143</b>	<b>134</b>	<b>277</b>	<b>254</b>	<b>93</b>	<b>347</b>		
5 - 11	M	140	123	263	259	78	337		
	F	115	124	239	186	69	255		
	<b>ALL</b>	<b>255</b>	<b>247</b>	<b>502</b>	<b>445</b>	<b>147</b>	<b>592</b>		
<b>Aggregate Membership</b>									
Age in year	Sex	BRAC members		Non-members		All			
(1)		(2)		TGs	NTGs	(5)			
(3)	(4)	(5)	(6)	(7)	(8)	(9)			
< 5	M	95		275		273		643	
	F	98		276		234		608	
	<b>ALL</b>	<b>193</b>		<b>551</b>		<b>507</b>		<b>1251</b>	
5 - 11	M	202		349		422		973	
	F	192		426		429		1047	
	<b>ALL</b>	<b>394</b>		<b>775</b>		<b>851</b>		<b>2020</b>	



Table 5.1.2: Percent distribution of children who are underweight (<80%) according weight-for-age (% Median) by age, sex and membership status and intervention cell

		BRAC + ICDDR,B cell						BRAC-only cell					
Age in year	Sex	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
			TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 5	M	75.6	80.0	59.5	65.4	NS	NS	67.7	76.3	60.8	66.4	NS	NS
	F	75.0	71.4	51.7	66.7	NS	NS	82.5	90.0	74.5	81.5	NS	NS
	All	75.3	76.5	56.3	65.9	NS	p<.05	76.1	83.1	66.4	73.4	NS	NS
5 - 11	M	85.4	93.3	73.9	83.3	NS	NS	98.4	94.5	90.9	94.0	NS	NS
	F	82.8	90.0	75.8	82.1	NS	NS	91.2	95.3	92.4	92.8	NS	NS
	All	84.1	91.8	74.8	82.7	NS	NS	94.6	94.9	91.7	93.4	NS	NS

  

		ICDDR,B-only cell				Comparison cell					
Age in year	Sex	TGs	NTGs	Cell total	$\chi^2$ - test		TGs	NTGs	Cell total	$\chi^2$ - test	
					(2) vs (3)	(5)				(6) vs (7)	(9)
(1)		(2)	(3)	(4)	(5)		(6)	(7)	(8)	(9)	
< 5	M	90.6	68.2	80.0	p<.05		85.2	67.6	80.3		NS
	F	87.0	71.4	79.6	NS		75.5	81.3	77.0		NS
	All	88.8	69.9	80.0	p<.001		80.2	74.2	78.6		NS
5 - 11	M	95.5	90.2	93.1	NS		96.2	91.3	95.0		NS
	F	91.0	90.2	90.6	NS		93.2	86.6	91.3		NS
	All	93.3	90.2	91.8	NS		94.9	89.0	93.3		p<.05

  

Aggregate Membership Comparison							
Age in year	Sex	BRAC members	Non-members		All	$\chi^2$ - test	
			TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)		(2)	(3)	(4)	(5)	(6)	(7)
< 5	M	72.4	84.2	63.4	73.9	p<.05	NS
	F	78.8	80.7	70.8	76.8	NS	NS
	All	75.6	82.5	66.8		NS	NS
5 - 11	M	90.7	87.6	87.2	91.7	p<.05	NS
	F	86.3	92.6	87.8	89.5	p<.05	NS
	All	88.8	87.4	100.0		p<.01	NS

Table 5.1.3: Percent distribution of stunted (<90%) children according to height-for-age (% of median) by age and sex, membership status and intervention cell

		BRAC + ICDDR,B cell					BRAC-only cell						
Age in year	Sex	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
			TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 5	M	4.0	6.3	18.5	10.3	NS	NS	17.6	27.3	13.7	17.8	NS	NS
	F	13.0	18.2	-	15.2	NS	NS	36.7	9.5	6.5	18.3	NS	p<.05
	All	8.3	13.2	13.2	12.3	NS	NS	29.8	18.6	11.0	18.0	NS	p<.05
5 - 11	M	4.6	9.1	19.1	10.6	NS	p<.01	13.1	11.0	16.2	47.1	NS	NS
	F	7.3	14.3	8.7	9.2	NS	NS	17.5	25.9	12.1	54.2	NS	NS
	All	5.9	11.4	14.9	9.9	NS	p<.05	15.3	17.6	14.2	53.1	NS	NS
		ICDDR,B-only cell				Comparison cell							
Age in year	Sex	TGs	NTGs	Cell total	$\chi^2$ - test		TGs	NTGs	Cell total	$\chi^2$ - test			
					(2) vs (3)	(2) vs (4)				(6) vs (7)			
(1)		(2)	(3)	(4)	(5)		(6)	(7)	(8)	(9)			
< 5	M	11.4	32.3	21.2	NS		13.5	6.7	11.9	NS			
	F	21.6	17.6	19.7	NS		18.2	17.6	18.1	NS			
	All	16.7	24.6	20.4	NS		15.9	12.5	15.1	NS			
5 - 11	M	12.7	13.3	49.1	NS		2.4	5.8	3.3	NS			
	F	12.6	17.6	53.5	NS		4.9	1.9	4.1	NS			
	All	12.7	15.5	52.9	NS		3.4	4.1	3.4	NS			
Aggregate Membership Comparison													
Age in year	Sex	BRAC members	Non-members		All	$\chi^2$ - test							
			TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)		(2)	(3)	(4)	(5)	(6)	(7)						
< 5	M	50.0	63.2	44.0	53.1	NS	NS						
	F	68.5	59.8	45.7	56.7	NS	p<.05						
	All	60.4	61.5	44.7		NS	NS						
5 - 11	M	71.6	73.2	57.0	67.1	NS	NS						
	F	70.4	79.5	60.6	70.2	NS	NS						
	All	71.0	76.1	58.9		NS	NS						

Table 5.1.4: Distribution of wasted (80%) children according weight-for height (% of media) by age and sex, membership status and intervention cell

		BRAC + ICDDR,B cell						BRAC-only cell					
Age in year	Sex	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test	
			TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 5	M	68.0	37.5	33.3	47.1	NS	p<.05	23.5	54.5	44.4	42.9	NS	p<.05
	F	58.3	41.7	27.3	46.8	NS	NS	76.7	81.0	48.4	67.1	NS	NS
	All	63.3	39.3	31.6	47.8	NS	p<.01	57.4	67.4	45.8	54.3	NS	NS
5 - 11	M	64.4	72.7	50.0	61.3	NS	NS	82.0	75.3	58.6	47.3	NS	p<.01
	F	68.5	72.5	37.7	59.6	NS	p<.001	73.1	78.1	70.3	51.1	NS	NS
	All	66.5	72.6	44.2	60.5	NS	p<.001	77.3	76.6	65.0	48.3	NS	p<.05

  

		ICDDR,B-only cell				Comparison cell			
Age in year	Sex	TGs	NTGs	Cell total	$\chi^2$ - test	TGs	NTGs	Cell total	$\chi^2$ - test
					(2) vs (3)				(6) vs (7)
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
< 5	M	65.7	48.4	57.6	NS	73.1	53.3	68.7	NS
	F	56.4	37.1	47.3	NS	58.2	70.6	61.1	NS
	All	60.8	42.4	52.1	p<.05	65.4	62.5	64.8	NS
5 - 11	M	63.6	56.5	60.4	NS	77.5	62.3	73.7	p<.05
	F	72.0	57.1	64.2	p<.05	86.4	70.3	81.9	p<.01
	All	67.6	56.9	62.3	p<.05	81.4	66.2	77.4	p<.001

  

Aggregate Membership Comparison							
Age in year	Sex	BRAC members	Non-members		All	$\chi^2$ - test	
			TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)		(2)	(3)	(4)	(5)	(6)	(7)
< 5	M	9.5	14.4	18.5	15.5	NS	NS
	F	26.4	19.2	11.8	18.1	NS	p<.05
	All	18.9	16.8	15.7		NS	p<.05
5 - 11	M	8.1	7.1	13.8	9.7	NS	p<.01
	F	11.5	11.7	11.4	11.6	p<.05	p<.01
	All	9.8	9.1	12.7		NS	p<.001

Table 5.1.5: Prevalence of low MUAC (<125) among children <5 Yrs (6mo - 59mo) according to sex, membership status and intervention cell

		BRAC + ICDDR,B cell					BRAC-only cell						
MUAC (mm)	BRAC members	Non-members		Cell total	$\chi^2$ - test		BRAC members	Non-members		Cell total	$\chi^2$ - test		
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
Male	<125	5.3	19.2	15.6	12.5	NS	NS	14.8	33.3	19.4	22.4	NS	NS
	125-135	31.6	38.5	15.6	28.1	NS	NS	40.7	19.4	19.4	24.0	NS	NS
	135+	63.2	42.3	68.8	59.4	NS	NS	44.4	47.2	61.3	53.6	NS	NS
Total	n	38	26	32	96			27	36	62	125		
Female	<125	6.5	5.0	17.4	9.5	NS	NS	32.3	32.3	20.5	27.4	NS	NS
	125-135	38.7	30.0	30.4	33.8	NS	NS	32.3	38.7	25.0	31.1	NS	NS
	135+	54.8	65.0	52.2	56.8	NS	NS	35.5	29.0	54.5	41.5	NS	NS
Total	n	31	20	23	74			31	31	44	106		
		ICDDR,B-only cell				Comparison cell							
Age in year	Sex	TGs	NTGs	Cell total	$\chi^2$ - test		TGs	NTGs	Cell total	$\chi^2$ - test			
(1)	(2)	(3)	(4)	(5)	(2) vs (3)		(6)	(7)	(8)	(6) vs (7)			
Male	<125	17.0	5.7	12.2	NS		323.1	12.0	27.2	NS			
	125-135	25.5	40.0	31.7	NS		29.5	40.0	32.0	NS			
	135+	57.4	54.3	56.1	NS		38.5	48.0	40.8	NS			
Total	n	47	35	82			78	25	103				
Female	<125	15.9	2.6	9.6	NS		40.5	29.6	37.7	NS			
	125-135	52.3	43.6	48.1	NS		31.6	25.9	30.2	NS			
	135+	31.8	53.8	42.2	NS		27.8	44.4	32.1	NS			
Total	n	44	39	83			79	27	106				

		<b>Aggregate Membership Comparison</b>					
MUAC (mm)		BRAC members	Non-members		All	$\chi^2$ - test	
			TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Male	<125	9.2	26.7	14.3	19.2	p<.01	NS
	125-135	35.4	27.8	26.6	28.6	NS	NS
	135+	55.4	45.5	59.1	52.2	NS	NS
<b>Total</b>	<b>n</b>	<b>65</b>	<b>187</b>	<b>154</b>	<b>406</b>		
Female	<125	19.4	28.7	16.5	22.8	NS	NS
	125-135	35.5	37.9	31.6	35.2	NS	NS
	135+	45.2	33.3	51.9	42.0	NS	NS
<b>Total</b>	<b>n</b>	<b>62</b>	<b>174</b>	<b>133</b>	<b>369</b>		

## NUTRITIONAL STATUS OF ADOLESCENTS (11-18 YEARS)

Table 5.2.1 : Distribution of adolescents (11-18) by age, sex, membership status and intervention cell

		<b>BRAC + ICDDR,B cell</b>				<b>BRAC-only cell</b>			
Age in year	Sex	BRAC members (2)	Non-members		Cell total (5)	BRAC members (8)	Non-members		cell total (11)
			TGs (3)	NTGs (4)			TGs (9)	NTGs (10)	
11 - 18	M	103	48	106	257	74	64	161	299
	F	101	37	76	214	56	58	160	274
	ALL	204	85	182	471	130	122	321	573
		<b>ICDDR,B-only cell</b>				<b>Comparison cell</b>			
Age in year	Sex	TGs (3)	NTGs (4)	cell total (5)	TGs (9)	NTGs (10)	cell total (11)		
11 - 18	M	117	143	260	215	92	307		
	F	103	132	235	193	81	274		
	ALL	220	275	495	408	173	581		
		<b>Aggregate Membership</b>							
Age in year	Sex	BRAC members (2)	Non-members		All (5)				
			TGs (3)	NTGs (4)					
11 - 18	M	177	444	502	1123				
	F	157	391	449	997				
	ALL	334	835	951	2120				

Table 5.2.2: Mean Weight (kg) of adolescent (11-18 Yrs) according to sex, membership status and intervention cell

Sex	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	30.5 (± 7.5)	28.6 (± 8.2)	32.3 (± 7.9)	30.5	p<.05	NS	27.6 (± 5.4)	30.0 (± 8.0)	30.7 (± 8.0)	29.8	NS	p<.05
F	30.6 (± 8.4)	31.1 (± 7.3)	33.6 (± 7.9)	31.8	NS	p<.05	28.6 (± 5.9)	28.3 (± 6.8)	33.3 (± 8.5)	31.46	NS	p<.01
All	30.6 (± 8.0)	28.7 (± 8.1)	32.9 (± 7.9)	31.2	NS	p<.05	28.1 (± 5.6)	29.1 (± 7.4)	32.1 (± 8.3)	30.6	NS	p<.001
Sex	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(6) vs (7)				(6) vs (7)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
M	27.0 (± 7.1)	32.3 (± 7.8)	30.0	P<.001	28.1 (± 7.0)	29.8 (± 7.1)	28.6	NS				
F	30.4 (± 8.4)	32.3 (± 6.5)	31.6	P<.05	30.0 (± 7.4)	33.0 (± 8.3)	30.9	P<.05				
All	28.9 (± 8.0)	32.4 (± 7.6)	30.9	P<.001	29.1 (± 7.2)	31.5 (± 7.9)	29.8	P<.01				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	29.3 (± 6.8)	28.0 (± 7.3)	31.3 (± 8.1)	29.7	NS	p<.05						
F	30.0 (± 7.7)	29.9 (± 7.6)	33.1 (± 7.8)	31.4	NS	p<.001						
All	29.60 (± 7.3)	29.0 (± 7.5)	32.2 (± 8.0)	30.6	NS	p<.001						

Table 5.2.3: Mean Height (cm) of adolescent according to sex, membership status and intervention cells.

		BRAC + ICDDR,B cell					BRAC-only cell					
Sex	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	141.3 (± 12.3)	135.1 (± 13.0)	145.6 (± 13.1)	142.0	p<.05	NS	136.0 (± 9.3)	139.1 (± 13.6)	140.9 (± 12.6)	139.4	NS	p<.05
F	138.4 (± 11.5)	141.0 (± 9.6)	143.7 (± 8.4)	140.8	NS	p<.01	137.0 (± 8.9)	135.9 (± 9.7)	141.7 (± 9.8)	139.6	NS	p<.01
All	139.8 (± 11.9)	137.8 (± 11.9)	144.7 (± 11.1)	141.4	NS	p<.01	136.5 (± 9.1)	137.5 (± 11.9)	141.3 (± 11.2)	139.5	NS	p<.001
		ICDDR,B-only cell				Comparison cell						
Sex	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(5)				(6)	(7)	(8)	(9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
M	134.8 (± 10.9)	143.1 (± 12.8)	139.7	p<.001	136.7 (± 12.0)	141.5 (± 10.9)	138.1	p<.01				
F	137.7 (± 11.4)	142.5 (± 8.1)	140.5	p<.01	137.7 (± 11.0)	141.2 (± 10.4)	138.8	p<.05				
All	136.5 (± 11.2)	142.8 (± 10.5)	140.1	p<.001	137.2 (± 11.5)	141.4 (± 10.6)	138.5	p<.01				
Aggregate Membership Comparison												
Age in year	Sex	BRAC members	Non-members		All	t - test						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)					
M	139.1 (± 11.42)	136.4 (± 12.1)	142.6 (± 12.5)	139.7	p<.05	p<.05						
F	137.92 (± 10.6)	137.7 (± 10.9)	142.2 (± 9.2)	139.8	NS	p<.001						
All	138.5 (± 11.0)	137.1 (± 11.5)	142.4 (± 10.9)	139.7	NS	p<.001						



Table 5.2.4: Mean MUAC (mm) of adolescents according to sex, membership status and intervention cells.

Sex	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	187.6 (± 18.8)	184.0 (± 22.0)	192.1 (± 20.4)	188.8	NS	NS	178.7 (± 15.1)	185.5 (± 23.9)	186.1 (± 21.3)	184.2	NS	p<.05
F	191.7 (± 26.6)	191.4 (± 27.9)	204.8 (± 28.3)	196.4	NS	p<.05	185.1 (± 18.4)	181.4 (± 24.6)	198.8 (± 26.9)	192.6	NS	p<.01
All	189.8 (± 23.2)	187.3 (± 24.8)	197.8 (± 25.0)	192.5	NS	p<.05	181.7 (± 17.0)	183.5 (± 24.2)	192.8 (± 25.2)	188.5	NS	p<.001
Sex	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test				
									(2) vs (3)	(6) vs (7)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
M	181.8 (± 20.0)	196.0 (± 26.1)	190.0	p<.01	179.3 (± 19.9)	181.5 (± 18.1)	179.9	NS				
F	193.0 (± 25.7)	197.7 (± 21.0)	195.7	NS	189.8 (± 23.7)	196.4 (± 25.7)	191.9	NS				
All	188.1 (± 23.9)	196.9 (± 23.4)	193.2	p<.01	184.6 (± 22.5)	189.4 (± 23.5)	186.0	p<.05				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	183.9 (± 17.8)	181.2 (± 20.8)	189.1 (± 22.6)	185.2	NS	p<.05						
F	189.3 (± 24.1)	189.7 (± 24.8)	198.9 (± 25.2)	193.9	NS	p<.01						
All	186.6 (± 21.3)	185.6 (± 23.3)	194.2 (± 24.5)	189.7	NS	p<.001						

Table 5.2.5: Mean BMI of adolescents according to sex, membership status and intervention cells.

Sex	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	14.9 (± 1.4)	14.0 (± 1.4)	14.8 (± 1.4)	14.7	p<.01	NS	14.7 (± 1.3)	15.1 (± 1.2)	15.0 (± 1.4)	14.9	NS	NS
F	15.4 (± 2.1)	14.9 (± 1.8)	15.5 (± 2.3)	15.3	NS	NS	15.0 (± 1.3)	15.0 (± 2.0)	16.0 (± 3.1)	15.6	NS	p<.05
All	15.2 (± 1.8)	14.4 (± 1.6)	15.1 (± 1.9)	15.0	P<.05	NS	15.0 (± 1.5)	15.0 (± 1.7)	15.5 (± 2.4)	15.2	NS	p<.05
Sex	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(6) vs (7)				(6) vs (7)	(9) vs (10)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
M	14.5 (± 1.7)	15.2 (± 1.7)	14.9	p<.05	14.6 (± 1.3)	14.6 (± 1.5)	14.6	NS	15.6 (± 2.3)			
F	15.4 (± 2.3)	15.7 (± 1.9)	15.5	NS	15.2 (± 1.8)	16.0 (± 2.3)	15.6	p<.05	15.0 (± 2.1)			
All	15.0 (± 2.1)	15.4 (± 1.8)	15.2	p<.05	14.9 (± 1.6)	15.3 (± 2.1)	15.0	p<.05				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	14.8 (± 1.4)	14.6 (± 1.4)	14.9 (± 1.5)	14.8	NS	NS						
F	15.2 (± 1.9)	15.2 (± 2.0)	15.8 (± 2.5)	15.5	NS	p<.05						
All	15.0 (± 1.7)	14.9 (± 1.7)	15.4 (± 2.1)	15.1	NS	p<.05						

## NUTRITIONAL STATUS OF ADULTS (18-60 YEARS)

Table 5.3.1 : Distribution of adults (18-60) by age, sex, membership status and intervention cell.

		<b>BRAC + ICDDR,B cell</b>			<b>BRAC-only cell</b>				
Age in year	Sex	BRAC members	Non-members		Cell total	BRAC members	Non-members		cell total
			TGs	NTGs			TGs	NTGs	
(1)		(2)	(3)	(4)	(5)	(6)	(9)	(10)	(11)
18 - 45	M	183	121	226	530	115	145	305	565
	F	244	110	238	592	150	147	349	646
	ALL	427	231	464	1122	265	292	654	1211
45 - 60	M	74	27	71	172	46	42	125	213
	F	57	34	74	165	37	63	140	240
	ALL	131	61	145	337	83	105	265	453
		<b>ICDDR,B-only cell</b>			<b>Comparison cell</b>				
Age in year	Sex	TGs	NTGs	cell total	TGs	NTGs	cell total		
(1)		(3)	(4)	(5)	(9)	(10)	(11)		
18 - 45	M	228	302	530	338	157	495		
	F	263	316	579	413	174	646		
	ALL	491	618	1109	751	331	1211		
45 - 60	M	63	100	163	113	55	213		
	F	76	106	182	113	73	240		
	ALL	139	206	345	226	128	453		
<b>Aggregate Membership</b>									
Age in year	Sex	BRAC members	Non-members		ALL				
(1)		(2)	TGs	NTGs	(5)				
(3)		(4)							
18 - 45	M	298	832	833	1963				
	F	394	986	1077	2457				
	ALL	692	1765	1910	4367				
45 - 60	M	120	245	351	716				
	F	94	286	393	773				
	ALL	214	531	744	1489				

Table 5.3.2(a): Mean Weight (kg) of young adults (18-45) according to age, sex, membership status and intervention cells.

Sex	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	46.2 (± 6.0)	48.6 (± 7.2)	49.0 (± 6.2)	48.0	NS	p<.01	44.6 (± 9.7)	46.2 (± 51.3)	48.4 (± 5.9)	47.2	NS	p<.01
F	40.9 (± 5.1)	40.9 (± 5.0)	42.4 (± 6.8)	41.5	NS	p<.05	41.0 (± 4.9)	40.6 (± 6.5)	42.7 (± 6.7)	41.8	NS	p<.05
All	41.9 (± 5.6)	42.6 (± 6.4)	43.9 (± 7.2)	42.9	NS	p<.001	41.8 (± 6.4)	41.8 (6.7)	44.3 (± 7.0)	43.2	NS	p<.001
Sex	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(5)				(6) vs (7)	(9)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
M	45.8 (± 5.7)	46.8 (± 7.6)	46.4	NS	44.8 (± 5.0)	49.1 (± 6.5)	46.2	p<.001				
F	40.4 (± 5.6)	42.8 (± 6.4)	41.7	p<.001	40.7 (± 5.7)	41.5 (± 5.7)	40.9	NS				
ALL	41.6 (± 6.1)	43.8 (± 6.9)	42.8	p<.001	41.5 (± 5.8)	43.2 (± 6.7)	42.0	p<.01				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	45.5 (± 7.8)	45.8 (± 5.7)	48.2 (± 6.6)	46.9	NS	p<.01						
F	41.0 (± 5.0)	40.6 (± 5.7)	42.5 (± 6.5)	41.5	NS	p<.001						
All	41.8 (± 5.9)	41.7 (± 6.1)	43.9 (± 7.0)	42.7	NS	p<.001						

Table 5.3.3(a): Mean Height (cm) of young adults (18-45) according to age, sex, membership status and intervention cells

Sex	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	160.5 (± 6.8)	158.1 (± 12.1)	163.1 (± 8.8)	161.1	NS	NS	158.8 (± 6.2)	160.8 (± 7.1)	160.7 (± 12.7)	160.4	NS	NS
F	150.0 (± 4.9)	149.4 (± 5.0)	150.0 (± 5.6)	149.9	NS	NS	149.4 (± 5.5)	148.8 (± 6.6)	150.7 (± 5.3)	149.9	NS	NS
ALL	152.0 (± 6.7)	151.4 (± 8.1)	152.9 (± 8.4)	152.2	NS	NS	151.3 (± 6.8)	151.3 (± 8.3)	153.6 (± 9.3)	152.6	NS	p<.01

  

Sex	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
M	159.9 (± 6.7)	160.6 (± 10.4)	160.3	NS	158.6 (± 7.8)	162.6 (± 8.0)	159.9	p<.01
F	149.2 (± 5.5)	150.4 (± 5.2)	149.8	p<.05	149.3 (± 5.7)	149.8 (± 5.7)	149.4	NS
All	151.7 (± 7.4)	153.0 (± 8.2)	152.4	p<.05	151.2 (± 7.0)	152.7 (± 8.2)	151.6	p<.05

  

Aggregate Membership Comparison						
Sex	BRAC members	Non-members		All	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
M	159.8 (± 6.6)	159.3 (± 8.1)	161.4 (± 10.8)	160.4	NS	NS
F	150.0 (± 5.1)	149.2 (± 5.6)	150.3 (± 5.4)	149.8	NS	NS
All	151.7 (± 6.7)	151.4 (± 7.4)	153.1 (± 8.6)	152.2	NS	p<.01

Table 5.3.4(a): Mean MUAC (mm) of young adults (18-45) according to age, sex, membership status and intervention cell

		BRAC + ICDDR,B cell					BRAC-only cell					
Sex	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	238.9 (± 18.5)	244.1 (± 13.5)	246.5 (± 23.8)	243.3	NS	NS	226.1 (± 32.1)	232.8 (± 15.1)	235.3 (± 22.2)	233.2	NS	NS
F	226.3 (± 21.1)	229.0 (± 18.8)	237.5 (± 25.7)	231.1	NS	p<.001	225.4 (± 19.4)	222.6 (± 21.8)	228.4 (± 21.7)	226.2	NS	NS
All	228.4 (± 21.2)	232.3 (± 18.8)	239.4 (± 25.5)	233.5	NS	p<.001	225.5 (± 55.3)	224.7 (± 21.0)	230.4 (± 22.1)	228.0	NS	p<.05
		ICDDR,B-only cell					Comparison cell					
Sex	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(5)				(6) vs (7)	(9)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
M	240.7 (± 19.3)	241.8 (± 25.4)	241.3	NS	228.9 (± 18.9)	236.4 (± 23.1)	231.3	p<.05				
F	227.0 (± 20.7)	232.8 (± 20.8)	230.1	p<.01	223.1 (± 19.3)	227.5 (± 22.7)	224.3	p<.05				
All	230.2 (± 21.1)	235.0 (± 24.5)	232.8	p<.01	224.2 (± 19.3)	229.5 (± 23.1)	225.8	p<.01				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	233.3 (± 26.0)	235.2 (± 18.8)	239.4 (± 23.9)	237.1	NS	p<.05						
F	225.9 (± 20.4)	224.8 (± 20.2)	231.5 (± 23.7)	227.9	NS	p<.001						
All	227.3 (± 21.7)	227.0 (± 20.3)	233.5 (± 24.0)	230.0	NS	p<.001						

Table 5.3.5(a): Mean of BMI of young adults (18-45) according to age, sex, membership status and intervention cells.

		BRAC + ICDDR,B cell					BRAC-only cell					
Sex	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	17.8 (± 1.7)	18.6 (± 2.6)	18.5 (± 2.9)	18.3	NS	NS	18.2 (± 1.8)	17.7 (± 1.6)	18.4 (± 1.9)	18.3	NS	NS
F	18.2 (± 1.9)	18.2 (± 1.8)	18.7 (± 2.6)	18.4	NS	p<.05	18.4 (± 1.9)	18.4 (± 2.8)	18.8 (± 2.6)	18.6	NS	NS
All	18.1 (± 1.9)	18.3 (± 2.0)	18.7 (± 2.6)	18.4	NS	p<.01	18.4 (± 1.9)	18.2 (± 2.6)	18.7 (± 2.4)	18.5	NS	NS
		ICDDR,B-only cell				Comparison cell						
Sex	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(6) vs (7)							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
M	17.9 (± 1.6)	18.0 (± 1.9)	19.07	NS	17.9 (± 2.7)	18.6 (± 2.2)	18.1	NS				
F	18.1 (± 2.2)	18.9 (± 2.3)	18.5	p<.001	18.3 (± 2.2)	18.4 (± 2.1)	18.3	NS				
All	18.1 (± 2.1)	18.7 (± 2.3)	18.4	p<.001	18.2 (± 2.3)	18.5 (± 2.1)	18.3	NS				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	17.8 (± 1.7)	18.0 (± 2.2)	18.4 (± 2.2)	18.2	NS	NS						
F	18.3 (± 1.9)	18.2 (± 2.3)	18.7 (± 2.4)	18.5	NS	p<.01						
All	18.2 (± 1.9)	18.2 (± 2.3)	18.6 (± 2.4)	18.4	NS	p<.01						

Table 5.3.2(b): Mean Weight (kg) of adult (45-60) population according to age, sex, membership status and intervention cells

		BRAC + ICDDR,B cell					BRAC-only cell					
Sex	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	157.4 (± 5.6)	156.8 (± 4.3)	160.4 (± 6.5)	158.8	NS	NS	160.7 (± 5.8)	155.34 (± 4.9)	159.4 (± 7.1)	158.9	p<.01	NS
F	148.1 (± 4.2)	146.6 (± 5.4)	148.4 (± 5.1)	147.9	NS	NS	148.6 (± 6.4)	146.7 (± 4.3)	147.8 (± 5.3)	147.6	NS	NS
All	150.8 (± 6.3)	149.0 (± 6.7)	152.4 (± 7.9)	151.1	NS	NS	153.5 (± 8.5)	148.4 (± 5.7)	150.5 (± 7.6)	150.4	p<.001	p<.05
		ICDDR,B-only cell					Comparison cell					
Sex	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(5)				(6) vs (7)	(9)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
M	156.8 (± 6.1)	162.5 (± 5.0)	160.2	p<.001	157.5 (± 4.8)	162.2 (± 5.8)	159.2	p<.05				
F	148.1 (± 6.3)	145.8 (± 13.0)	146.8	NS	147.2 (± 4.8)	147.2 (± 5.0)	147.2	NS				
All	150.7 (± 7.3)	150.5 (± 13.6)	150.9	NS	150.2 (± 7.3)	150.5 (± 8.1)	150.3	NS				
		Aggregate Membership Comparison										
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	159.1 (± 5.9)	156.9 (± 6.2)	161.0 (± 6.3)	159.3	NS	p<.01						
F	148.3 (± 5.1)	147.3 (± 5.2)	147.2 (± 8.0)	147.4	NS	NS						
All	151.8 (± 7.4)	149.8 (± 6.9)	150.9 (± 9.8)	150.6	p<.05	NS						



Table 5.3.3(b): Mean Height (cm) of adult (45-60) population according to age, sex, membership status and intervention cell

		BRAC + ICDDR,B cell					BRAC-only cell					
Sex	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	157.4 (± 5.6)	156.8 (± 4.3)	160.4 (± 6.5)	158.8	NS	NS	160.7 (± 5.8)	155.3 (± 4.9)	159.4 (± 7.1)	158.9	p<.01	NS
F	148.1 (± 4.2)	146.6 (± 5.4)	148.4 (± 5.1)	147.9	NS	NS	148.6 (± 6.4)	146.7 (± 4.3)	147.8 (± 5.3)	147.6	NS	NS
All	150.8 (± 6.3)	149.0 (± 6.7)	152.4 (± 7.9)	151.1	NS	NS	153.2 (± 8.5)	148.4 (± 5.7)	150.5 (± 7.6)	150.4	p<.001	p<.05
		ICDDR,B-only cell				Comparison cell						
Sex	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(5)				(6) vs (7)	(9)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
M	156.8 (± 6.1)	162.5 (± 5.0)	160.2	p<.001	157.5 (± 7.0)	162.2 (± 5.8)	159.2	p<.05				
F	148.1 (± 6.3)	145.8 (± 13.0)	146.8	NS	147.1 (± 4.8)	147.2 (± 5.0)	147.2	NS				
All	150.7 (± 7.3)	151.0 (± 13.6)	150.9	NS	150.2 (± 7.3)	150.5 (± 8.1)	150.3	NS				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	159.0 (± 5.9)	156.9 (± 6.2)	161.0 (± 6.3)	159.3	NS	NS						
F	148.3 (± 5.1)	147.3 (± 5.2)	147.2 (± 18.0)	147.4	NS	NS						
All	151.8 (± 7.4)	149.8 (± 6.9)	150.9 (± 9.8)	150.6	p<.05	NS						

Table 5.3.4(b): Mean MUAC (mm) of adult (45-60) population according to age, sex, membership status and intervention cell

Sex	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		IGs	NTGs		(2) vs (3)	(2) vs (4)		IGs	NTGs		(8) vs (9)	(8) vs (10)
		(3)	(4)		(6)	(7)		(9)	(10)		(12)	(13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	225.3 (± 23.9)	230.9 (± 17.9)	145.7 (± 27.8)	235.7	NS	p<.05	230.7 (± 26.6)	223.5 (± 15.0)	233.9 (± 20.2)	231.1	NS	NS
F	220.4 (± 20.6)	223.2 (± 16.7)	229.0 (± 28.6)	224.9	NS	NS	224.4 (± 24.1)	209.5 (± 27.5)	224.3 (± 25.9)	220.3	p<.05	NS
All	221.8 (± 21.5)	224.8 (± 17.0)	233.5 (± 29.2)	227.7	NS	p<.05	226.5 (± 24.8)	212.2 (± 26.0)	226.5 (± 24.9)	222.9	p<.01	NS
Sex	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)					(6) vs (7)			
				(2)	(3)				(4)	(5)	(6)	(7)
M	241.4 (± 19.4)	250.5 (± 30.2)	246.9	NS	219.9 (± 21.1)	234.7 (± 21.1)	225.3	P<.05				
F	224.5 (± 21.1)	233.5 (± 29.1)	229.8	NS	210.2 (± 20.4)	218.5 (± 20.4)	213.7	P<.05				
All	229.5 (± 21.9)	238.7 (± 30.4)	234.9	NS	210.2 (± 20.4)	222.3 (± 20.4)	216.8	P<.01				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)		(2) vs (4)					
		(3)	(4)		(6)	(7)						
M	227.9 (± 24.9)	228.2 (± 21.4)	241.6 (± 27.9)	235.0	NS		p<.05					
F	222.0 (± 22.0)	215.3 (± 23.0)	226.3 (± 26.8)	221.8	p<.05		NS					
All	223.8 (± 23.0)	218.7 (± 23.3)	230.3 (± 27.9)	225.3	NS		p<.05					

Table 5.3.5(b): Mean BMI of adult (45-60) population according to age, sex, membership status and intervention cell

		BRAC + ICDDR,B cell					BRAC-only cell					
Sex	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	17.0 (± 1.8)	17.7 (± 2.5)	18.8 (± 2.9)	18.0	NS	p<.05	17.6 (± 1.4)	17.4 (± 1.6)	18.3 (± 2.3)	17.9	NS	NS
F	17.2 (± 2.2)	17.1 (± 1.7)	17.9 (± 2.7)	17.5	NS	NS	17.6 (± 3.3)	16.7 (± 2.9)	18.3 (± 3.2)	17.8	NS	NS
All	17.1 (± 2.1)	17.3 (± 1.9)	18.2 (± 2.8)	17.6	NS	p<.05	17.6 (± 2.7)	16.8 (± 2.8)	18.3 (± 3.0)	17.8	NS	NS
		ICDDR,B-only cell				Comparison cell						
Sex	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(6) vs (7)							
(1)	(2)	(3)	(4)	(5)	(9)	(6)	(7)	(8)	(9)			
M	18.3 (± 1.8)	18.2 (± 2.8)	18.3	NS		16.9 (± 2.1)	18.8 (± 2.5)	17.5	p<.01			
F	17.5 (± 2.3)	18.5 (± 2.9)	18.1	p<.05		16.5 (± 2.3)	17.1 (± 2.2)	16.8	NS			
All	17.8 (± 2.2)	18.4 (± 2.9)	18.1	NS		16.6 (± 2.4)	17.4 (± 2.4)	17.0	p<.05			
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	17.3 (± 1.6)	17.5 (± 2.1)	18.4 (± 2.6)	17.3	NS	p<.05						
F	17.4 (± 2.7)	16.9 (± 2.4)	18.0 (± 2.9)	17.5	NS	NS						
All	17.4 (± 2.4)	17.1 (± 2.3)	18.1 (± 2.8)	17.7	NS	p<.05						

Table 5.3.6: Nutritional status of adult women (15-60 Yrs) according to cut of point of BMI by membership status and intervention cell

BMI	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Severe : <16	11.8	15.2	10.9	12.1	NS	NS	12.6	19.4	11.7	13.6	NS	NS
Moderate : 16-17	14.9	11.5	13.1	13.6	NS	NS	13.5	11.9	10.8	11.6	NS	NS
Mild : 17-18.5	14.7	29.7	20.9	24.1	NS	NS	23.7	22.5	20.5	21.6	NS	NS
Normal : >18.5	48.6	43.6	55.1	50.3	NS	NS	50.2	46.3	57.0	53.2	NS	NS
<b>Total</b>	<b>348</b>	<b>165</b>	<b>350</b>	<b>863</b>			<b>207</b>	<b>227</b>	<b>575</b>	<b>1009</b>		

  

BMI	ICDDR,B-only cell				Comparison cell			
	TGs	NTGs	Cell total	t - test	TGs	NTGs	Cell total	t - test
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Severe : <16	15.7	10.1	12.5	p<.05	15.8	16.4	16.0	NS
Moderate : 16-17	15.4	11.9	13.4	NS	14.8	15.0	14.8	NS
Mid : 17-18.5	22.9	22.4	22.6	NS	24.0	23.2	23.8	NS
Normal : >18.5	46.0	55.6	51.4	p<.01	45.4	45.4	45.4	NS
<b>Total</b>	<b>376</b>	<b>487</b>	<b>863</b>		<b>603</b>	<b>293</b>	<b>896</b>	

  

BMI	Aggregate Membership Comparison					
	BRAC members	Non-members		AR	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)
	(1)	(2)	(3)	(4)	(5)	(6)
Severe : <16	12.1	16.3	11.8	13.5	p<.05	NS
Moderate : 16-17	14.4	14.1	12.3	13.3	NS	NS
Mild : 17-18.5	24.3	24.1	21.6	23.0	NS	NS
Normal : >18.5	49.2	45.5	54.3	50.2	NS	p<.05
<b>Total</b>	<b>555</b>	<b>1371</b>	<b>1705</b>	<b>3631</b>		

## NUTRITIONAL STATUS OF ELDERLY (60+ YEARS)

*Table 5.4.1 : Distribution of elderly (60+) by age, sex, membership status and intervention cell*

		<b>BRAC + ICDDR,B cell</b>				<b>BRAC-only cell</b>			
Age in year	Sex	BRAC members	Non-members		Cell total	BRAC members	Non-members		cell total
			TGs	NTGs			TGs	NTGs	
(1)		(2)	(3)	(4)	(5)	(8)	(9)	(10)	(11)
60+	M	23	15	59	97	23	25	75	123
	F	27	15	48	90	30	15	75	120
	ALL	50	30	97	177	53	40	150	243
		<b>ICDDR,B-only cell</b>				<b>Comparison cell</b>			
Age in year	Sex	TGs	NTGs	cell total	TGs	NTGs	cell total		
								(9)	(10)
(1)		(3)	(4)	(5)	(9)	(10)	(11)		
60+	M	36	69	105	55	42	97		
	F	55	42	97	59	33	92		
	ALL	91	111	202	114	75	189		
		<b>Aggregate Membership</b>							
Age in year	Sex	BRAC members	Non-members		All				
			TGs	NTGs		(3)	(4)	(5)	
(1)		(2)	(3)	(4)	(5)				
60+	M	46	131	245	422				
	F	57	144	198	399				
	ALL	103	275	443	821				

Table 5.4.2: Mean weight (kg) of elderly population according to sex, membership status and intervention cell

Sex	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	157.8 (± 5.9)	157.2 (± 5.7)	160.0 (± 7.3)	159.1	NS	NS	154.4 (± 5.0)	154.1 (± 6.9)	152.4 (± 23.3)	153.0	NS	NS
F	144.6 (± 5.7)	145.7 (± 7.7)	147.2 (± 5.6)	146.5	NS	NS	146.0 (± 4.3)	143.6 (± 4.2)	145.3 (± 6.3)	145.2	NS	NS
All	150.5 (± 8.8)	150.1 (± 8.9)	152.6 (± 8.9)	151.7	NS	NS	147.8 (± 5.5)	149.6 (± 7.8)	148.7 (± 16.9)	148.7	NS	NS
Sex	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(5)				(6) vs (7)	(9)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
M	155.0 (± 6.1)	158.5 (± 6.7)	157.4	NS	158.2 (± 5.6)	157.4 (± 5.4)	157.8	NS	NS			
F	146.3 (± 3.7)	145.3 (± 5.0)	145.7	NS	143.1 (± 10.9)	143.7 (± 4.2)	143.3	NS	NS			
All	150.2 (± 6.5)	152.0 (± 8.9)	151.4	NS	149.2 (± 11.8)	150.1 (± 8.4)	149.6	NS	NS			
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	156.3 (± 5.3)	156.2 (± 6.0)	157.1 (± 13.2)	156.7	NS	NS						
F	145.6 (± 4.6)	144.7 (± 7.8)	145.4 (± 5.4)	145.2	NS	NS						
All	148.9 (± 6.9)	149.7 (± 9.1)	151.0 (± 11.5)	150.4	NS	NS						

Table 5.4.3: Mean height (cm) of elderly population according to sex, membership status and intervention cells

Sex	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	157.8 (± 144.6)	157.2 (± 5.7)	160.0 (± 7.3)	159.1	NS	NS	154.4 (± 5.0)	154.1 (± 6.9)	152.4 (± 23.3)	153.0	NS	NS
F	144.6 (± 5.7)	145.7 (± 7.7)	147.2 (± 5.6)	146.5	NS	NS	146.0 (± 4.3)	143.6 (± 4.2)	145.3 (± 6.3)	145.2	NS	NS
All	150.5 (± 8.8)	150.1 (± 8.9)	152.6 (± 8.9)	151.7	NS	NS	147.8 (± 5.5)	149.6 (± 7.8)	148.7 (± 16.9)	148.7	NS	NS
Sex	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(6) vs (7)							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
M	155.4 (± 6.1)	158.5 (± 6.7)	157.4	NS	158.2 (± 5.6)	157.4 (± 5.4)	157.8	NS				
F	146.3 (± 3.7)	145.3 (± 5.0)	145.7	NS	143.9 (± 10.9)	143.7 (± 4.2)	143.3	NS				
All	150.2 (± 6.5)	152.0 (± 8.9)	151.4	NS	149.2 (± 11.8)	150.1 (± 8.4)	149.6	NS				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	156.3 (± 5.3)	156.2 (± 6.0)	157.1 (± 13.2)	156.7	NS	NS						
F	145.6 (± 4.6)	144.7 (± 7.8)	145.4 (± 5.4)	145.2	NS	NS						
All	148.9 (± 6.9)	149.7 (± 9.1)	151.0 (± 11.5)	150.4	NS	NS						

Table 5.4.4: Mean MUAC (mm) of elderly population according to sex, membership status and intervention cells

Sex	BRAC + ICDDR,B cell						BRAC-only cell					
	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	213.5 (± 19.9)	220.0 (± 23.2)	223.0 (± 19.9)	220.8	NS	NS	225.3 (± 30.0)	214.7 (± 9.6)	219.5 (± 35.9)	218.8	NS	NS
F	212.1 (± 28.7)	206.4 (± 18.7)	225.6 (± 33.0)	219.0	NS	NS	200.4 (± 20.7)	227.3 (± 32.5)	206.2 (± 30.5)	206.7	p<.05	NS
All	212.6 (± 23.3)	211.7 (± 21.0)	224.4 (± 27.7)	219.8	NS	NS	204.2 (± 23.3)	219.7 (± 21.7)	11.7 (± 33.0)	211.4	NS	NS
Sex	ICDDR,B-only cell				Comparison cell							
	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(5)				(6)	(7)	(8)	(9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
M	223.2 (± 22.2)	232.9 (± 25.9)	229.7	NS	215.1 (± 16.4)	219.3 (± 21.2)	216.9	NS				
F	215.2 (± 21.9)	219.4 (± 21.7)	217.9	NS	199.6 (± 24.1)	202.4 (± 22.4)	200.7	NS				
All	219.0 (± 22.1)	226.1 (± 24.7)	223.7	NS	205.6 (± 22.6)	209.9 (± 23.2)	207.4	NS				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)					
M	216.7 (± 22.1)	218.3 (± 18.6)	225.2 (± 26.9)	222.5	NS	NS						
F	205.7 (± 24.9)	207.2 (± 24.7)	214.5 (± 28.7)	211.1	NS	NS						
All	208.6 (± 24.4)	212.1 (± 22.8)	219.4 (± 28.4)	216.0	NS	p<.05						



Table 5.4.5: Mean BMI of elderly population according to sex, membership status and intervention cells

		BRAC + ICDDR,B cell					BRAC-only cell					
Sex	BRAC members	Non-members		Cell total	t - test		BRAC members	Non-members		Cell total	t - test	
		TGs	NTGs		(2) vs (3)	(2) vs (4)		TGs	NTGs		(8) vs (9)	(8) vs (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M	16.07 (± 2.0)	16.32 (± 1.3)	16.77 (± 3.2)	16.54	NS	NS	19.21 (± 1.8)	16.16 (± 1.1)	17.55 (± 1.9)	17.38	p<.01	NS
F	17.58 (± 3.7)	15.89 (± 1.4)	18.30 (± 4.0)	17.64	NS	NS	16.31 (± 1.7)	17.41 (± 4.0)	18.01 (± 3.3)	17.51	NS	NS
All	16.82 (± 2.9)	16.07 (± 1.3)	17.61 (± 3.7)	17.14	NS	NS	16.93 (± 2.0)	16.85 (± 3.5)	17.79 (± 2.7)	17.45	NS	NS
		ICDDR,B-only cell				Comparison cell						
Sex	TGs	NTGs	Cell total	t - test		TGs	NTGs	Cell total	t - test			
				(2) vs (3)	(5) vs (6)				(6) vs (7)	(9)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
M	16.78 (± 1.9)	17.89 (± 3.3)	17.54	NS	16.54 (± 1.6)	16.37 (± 1.5)	16.46	NS	16.54 (± 4.3)	16.65 (± 2.8)	16.74	NS
F	16.58 (± 1.9)	17.22 (± 3.6)	16.98	NS	16.80 (± 4.3)	16.65 (± 2.8)	16.65	NS	16.70 (± 3.4)	16.51 (± 2.2)	16.62	NS
All	16.67 (± 1.9)	17.56 (± 3.5)	17.25	NS	16.70 (± 3.4)	16.51 (± 2.2)	16.62	NS				
Aggregate Membership Comparison												
Sex	BRAC members	Non-members		All	t - test							
		TGs	NTGs		(2) vs (3)	(2) vs (4)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)						
M	17.4 (± 2.5)	16.6 (± 1.6)	17.4 (± 2.7)	17.1	NS	NS						
F	17.0 (± 2.5)	16.7 (± 3.2)	17.6 (± 3.5)	17.2	NS	NS						
All	17.2 (± 2.5)	16.6 (± 2.6)	17.5 (± 3.1)	17.1	NS	NS						