

Annexure1:

A COMPARATIVE STUDY OF DISTRICT WISE DISTRIBUTION OF THE POPULATION OF DELHI VIZ. DENSITY OF POPULATION DISTRICT-WISE

District	Percentage of district-wise population	District-wise density of population (Per sq.k.m.)
North-West	20.66	6502
South	16.36	9068
West	15.37	16503
North-West	12.77	20468
South-West	12.67	4179
East	10.57	22868
North	5.64	13025
Central	4.67	25855
New Delhi	1.29	5117
Total	100	9340

Source : Dte. of Census Operations, Delhi (Population Census 2001)

Annexure 2.

FORMULA FOR CONSTRUCTING BODY MASS INDEX

Weights in kgs. divided by square of height in cms.

Woman with the value of Body Mass Index less than 18.1 is considered, suffering from chronic energy deficiency disease.

Annexure 3 .

FORMULA TO CONSTRUCT Z-SCORE.

A Z-score is a standardized score which indicates how many standard deviations an element is from the mean. A Z-score is calculated by subtracting the population mean from the actual individual score. This difference is divided by standard deviation of population. It is calculated from the following formula:

$$Z = (X - \mu) / \sigma$$

where

Z=Z-score

NON-GRC Males		Weight-for-age %				Length/height-for-age %			
Age groups	N	% < -3SD	% < -2SD	Mean	SD	% < -3SD	% < -2SD	Mean	SD
Total (0-60)	17	0	0	-0.58	0.55	0	17.6	-1.47	0.8
(0-5)	2	0	0	-0.63	0.61	0	0	-0.63	1.92
(6-11)	0								
(12-23)	0								
(24-35)	6	0	0	-0.48	0.76	0	0	-1.12	0.57
(36-47)	1	0	0	-1.11	0	0	0	-1.98	0
(48-60)	8	0	0	-0.59	0.4	0	37.5	-1.88	0.39

Annexure 4 (Section I) WAZ and HAZ Score for male child (NON-GRC)

X =Value of the element (actual individual score)

μ =Population mean

σ = Standard Deviation

How to interpret the value of Z-score

Z-score have an average of zero and can range from +4to -4.

A Z- Score above zero are considered above average

A Z-Score below zero are considered below average.

A Z-score equal to 0 indicates just average.

How to interpret nutritional status from Z-score

If the value of child's weight falls below -2SD the child is said to be stunted.

For estimation of Z-score (HAZ,WAZ, WAHZ), software package was used downloaded from

See in detail on sites:

<http://www.unicef.org/nutrition/training/3.2/13.html>

<http://stattrek.com/statistics/definition>

<http://psychology.about.com/od/zinde>

(Section I) WAZ and HAZ Score for female child (NON-GRC)

NON-GRC Females									
Age groups	N	Weight-for-age %				Length/height-for-age %			
		% < -3SD	% < -2SD	Mean	SD	% < -3SD	% < -2SD	Mean	SD
Total (0-60)	47	0	0	-0.31	0.49	0	8.5	-0.89	0.73
(0-5)	2	0	0	0.24	0	0	0	-0.35	0.16
(6-11)	6	0	0	-0.4	0.51	0	0	-0.46	0.76
(12-23)	7	0	0	-0.33	0.54	0	0	-0.48	0.49
(24-35)	3	0	0	-0.82	0.47	0	33.3	-1.56	0.59
(36-47)	12	0	0	-0.29	0.55	0	25	-1.06	0.96
(48-60)	17	0	0	-0.26	0.4	0	0	-1.02	0.52

(Section II) WAZ and HAZ Score for male child (GRC)/ (Section II) WAZ and HAZ Score for male child (GRC)

(Section: II) GRC: Males									
Age groups	N	Weight-for-age %		Mean	SD	Length/height-for-age %			
		% < - 3SD	% < - 2SD			% < - 3SD	% < - 2SD	Mean	SD
Total (0-60)	85	0	2.4	-0.24	0.79	0	4.7	-0.28	1.01
(0-5)	4	0	0	-0.33	0.77	0	0	-0.19	1.5
(6-11)	18	0	11.1	-0.31	0.96	0	0	0.47	0.94
(12-23)	20	0	0	-0.04	0.52	0	0	-0.18	0.84
(24-35)	23	0	0	-0.39	0.94	0	13	-0.84	0.99
(36-47)	3	0	0	-0.09	0.45	0	0	0.16	0.92
(48-60)	17	0	0	-0.23	0.73	0	5.9	-0.54	0.66
GRC: Females									
Age groups	N	Weight-for-age %		Mean	SD	Length/height-for-age %			
		% < - 3SD	% < - 2SD			% < - 3SD	% < - 2SD	Mean	SD
Total (0-60)	61	0	0	0.27	0.58	0	1.6	-0.32	0.97
(0-5)	5	0	0	-0.44	1.09	0	0	0.1	1.3
(6-11)	6	0	0	-0.19	0.55	0	0	0.13	1.36
(12-23)	5	0	0	0.26	0.46	0	0	0.14	1.18
(24-35)	5	0	0	0.68	0.47	0	0	-0.1	0.88
(36-47)	11	0	0	0.34	0.51	0	0	-0.01	0.62
(48-60)	29	0	0	0.4	0.39	0	3.4	-0.72	0.83

Annexure:5

Consent Form

I agree to cooperate voluntarily in answering the questions raised in the interview and disclosing the information related to the members of my household after providing information about the purpose and time consumed in the interview . Apart from this confidentiality was also ensured.

Signature

INTERVIEW SCHEDULE FOR INDIVIDUAL HOUSEHOLD

S.No:

Date:

Location: 1. Urban City 2.Urban Village

Name of City/ Village: _____

Type of Residential Area: 1) Jhuggi Cluster 2) J.J. Resettlement
3) Unauthorised Colony 4) Construction Site 5) Other

Name of head of the family: _____

Name of Respondent: _____

Religion: 1. Hindu 2. Sikh 3.Muslim 4. Christian 5. Other

Caste: 1. SC 2. ST 3. OBC 4. Other

Native Place: _____

Since when are you in Delhi (in yrs): _____

Reason for Migration: _____

Whether you have a ration card :1. Yes 2. No

If Yes (Type): 1. Red 2. White 3.Yellow (Since when _____)
(From _____)

If No (Reason): _____

Type of Group 1. GRC 2. Non-GRC

If GRC: Name of GRC: _____

Year of enrolment: _____

From whom did you come to know about GRC _____

Whether undergone any training at GRC 1) Vocational
2)Educational (self) _____ (Daughter) _____ (Son)
3) SHG (Inter Loaning) / (Micro Credit) 4)Other

If yes , mention the changes in your life due to GRC

1. _____ 4. _____ 7. _____

2. _____ 5. _____ 8. _____
3. _____ 6. _____

AREA PROFILE

1. _____
2. _____

ECONOMIC CHARACTERISTICS OF THE HOUSEHOLD

Do you own a house? 1. Yes 2. No

If Yes, in whose name: _____

If rented, how much is the rent: _____

How many rooms are there in the House ?: _____

Type of House: 1. Kuchha house 2. Cemented 3. Other _____

Drinking water: 1. Within house 2. Community Tap

3. Paid Tanker 4. Free Tanker

25. Do you find water? 1. Safe 2. Unsafe

26. If Unsafe, what do you do to make it safe? _____

27. Sanitation facility: 1. In House 2. Outside

2.1. Paid 2.2. Unpaid

28. Whether flush system available? 1. Yes 2. No

29. If outside sanitation: 1. Community Base 2. Mobile cart

30. Do you own any other asset? 1. TV 2. Fridge
3. Mixer 4. Bicycle
5. Scooter 6. Other _____

31. 1. Estimated monthly expenditure of the household (Inclusive rent) _____

2. personal expenditure of husband _____

3. personal expenditure of children _____

4. personal expenditure of self _____

5. personal expenditure of elders _____

32.A How much do you save? Rs._____

32.B Need to borrow 1) Regularly__ 2)Never__ 3)Sometimes__

33. Where do you save? 1. In husband's Account 2. In wife's account
3.Other_____

34. DEMOGRAPHIC CHARACTERISTICS OF THE HOUSEHOLD

Household Type: 1. Joint 2. Nuclear 3. Other

Any person above sixty years of age _____ **Employed**_____

TABLE 1.SPOUSAL PROFILE

1	2	3	4	5	6	7	8	9	
SPOUSE	AGE / EDU	MARI TAL STAT US NOW	INCO ME (Pre GRC)	INCO ME (Post GRC)	TYPE OF EMPL OY- MENT **	HEIG HT (IN CMS)	WEIG HT (IN KGS)	DISEA SE/ DISAB ILITY *	
WIFE									
HUSBAN D									

*Disease 1).TB 2). Asthama 3)Leprosy 4)Cancer 5)Epilepsy 6).Kidney 7).
Marasthumus 8).Heart 9)Mental disability 10).Physical disability (Partial) 11)Physical
disability 12)Any Other_____

****Type of employment:** 1.Casual (Daily Wager, Seasonal) 2.Precarious(Rag pickers, Unskilled
construction

Workers, Domestic workers) 3.Regular 4.Self employed 5.Unemployed

OBSERVATION FOR BEING UNEMPLOYED

1. Not finding suitable jobs 2.Illiteracy 3.No freedom to work
4.No time 5.No ambition 6.Lack of confidence
7.Others_____

TABLE 2.PROFILE OF CHIDREN

1	2	3	4	5	6	7	8	9
S.NO	SEX	AGE AND PLACE OF DELIVERY	EDUCATION	WHICH SCHOOL (Pvt/Govt)	REASON IF DROPPED OUT	HEIGHT OF CHILD UNDER 5 (IN CMS)	WEIGHT OF CHILD UNDER 5 (IN KGS)	DISEASES IF ANY

Activities for which permission should be sought (1.Husband 2.Others-----)

(Why do you sought permission ?, Explain the problems)

Education of son	1. Yes	2. No	3.Both
Education of daughter.	1. Yes	2. No	3.Both
For medication and hospitalization	1. Yes	2. No	3.Both
For minor purchases	1. Yes	2. No	3.Both
For the visits to family and relatives	1. Yes	2. No	3.Both
Keep money for own expenditure	1.Yes	2.No	3.Both

4.Is your participation required for following decisions?

(Why do you want to participate?, Explain the problems)

Taking loan	1. Yes	2. No (why do you want to participate?, Explain the problems)
For purchase of assets	1. Yes	2. No -----(Are you members of SHG)
Sale of assets	1. Yes	2. No -----

5.Area of independent decision making

(Why do you want to have independent decision making?, Explain the problems)

Number of children	1. Yes	2. No	3.Both
What to cook	1. Yes	2. No	3.Both
Use of condom	1. Yes	2. No	3.Both

8.Your reaction on violence **1. Inform Police** **2. Retaliate the same way**
3. Contact GRC

4. Keep Mum **5. Curse the Destiny** **6. Inform Parents**

9.Impact of domestic violence on children **1.Physical** **2.Behavioral** **3.Bad example** **4.No impact**

10.Who eats first? _____

11.Who eats last? _____

12.Have your children undergone immunization for (1. BCG 2.DPT 3.Polio 4.Measles) completed

Daughter : Yes/ No

Son: Yes/ No

(3.) OBSERVATION : Impact of GRC on domestic violence **1.Curtailed** **2. Reduced**
3.Continuing

13.Name the source through which ,you came to know about following information

1. GRC 2. OTHER SOURCE 3. NOT AWARED

- 1. Methods of family planning**
- 2. Importance of smaller family**
- 3. Safe deliveries through skilled staff / hospital**
- 4. Removal of gender discrimination**
- 5. Significance of pre and post natal check ups**
- 6. Special diet for lactating mothers**
- 7. Breast feeding of child**
- 8. Vaccination of children against 6 diseases**
- 9. Nutritional and safe methods of cooking**
- 10. Use of leafy vegetables**
- 11. Significance of safe drinking water**
- 12. Different ways to make water safe**
- 13. Importance of adult education**
- 14. Importance of educating both genders**
- 15. Equal rights of property for both genders**
- 16. Benefits of social connectivity**
- 17. Benefits of SHG**
- 18. Benefits of women labour participation**

19. Benefits of savings

20. Benefits of maintaining hygiene

Anexure: 6 (Section I)

Table (4.5)4 A HAZ / WAZ (Male)

Age group(0-60)months	No of children (GRC=85)	% children <-2SD (GRC)		No of children (Non-GRC=17)	%children< above-2SD (Non-GRC)	
		HAZ	WAZ		HAZ	WAZ
Total(0-60)	85	4.7	2.4		17.6	0
0-5	4	0	0	2	0	0
6-11	18	0	11.1	0		-
12-23	20	0	0	0		-
24-35	23	13	0	6	0	0
36-47	3	0	0	1	0	0
48-60	17	5.9	0	8	37.5	0

Mean average HAZ for (0-60) age group for males

GRC= -0.28 Non-GRC= -1.47

Mean average WAZ for (0-60) age group for males

GRC= -0.24 Non-GRC= -0.58

Annexure:6 (section II)

Table (4.5)4 B. HAZ / WAZ (Females)

Age group (0-60) months	No of children (GRC=61)	%children<- 2SD (GRC)		No of children (Non-GRC=47)	%children< above-2SD (Non-GRC)	
		HAZ	WAZ		HAZ	WAZ
(0-60)	61	1.6	0	47	85	0
0-5	5	0	0	2	0	0
6-11	6	0	0	6	0	0
12-23	5	0	0	7	0	0
24-35	5	0	0	3	33.3	0
36-47	11	0	0	12	25	0
48-60	29	3.4	0	17	0	0

Mean average HAZ for (0-60) age group for Females

GRC= -0.32

Non-GRC= -0.89

Mean average WAZ for (0-60) age group for Females

GRC= 0.27

Non-GRC= -0.31