Annexure 1:

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

<table>
<thead>
<tr>
<th>District</th>
<th>Percentage of district-wise population</th>
<th>District-wise density of population (Per sq.k.m.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>North-West</td>
<td>20.66</td>
<td>6502</td>
</tr>
<tr>
<td>South</td>
<td>16.36</td>
<td>9068</td>
</tr>
<tr>
<td>West</td>
<td>15.37</td>
<td>16503</td>
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<tr>
<td>North-West</td>
<td>12.77</td>
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<td>4179</td>
</tr>
<tr>
<td>East</td>
<td>10.57</td>
<td>22868</td>
</tr>
<tr>
<td>North</td>
<td>5.64</td>
<td>13025</td>
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<tr>
<td>Central</td>
<td>4.67</td>
<td>25855</td>
</tr>
<tr>
<td>New Delhi</td>
<td>1.29</td>
<td>5117</td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
<td>9340</td>
</tr>
</tbody>
</table>

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:

\[ Z = \frac{(X-\mu)}{\sigma} \]

where

\[ Z = Z\text{-score} \]
<table>
<thead>
<tr>
<th>NON-GRC : Males</th>
<th>Age groups</th>
<th>N</th>
<th>Weight-for-age %</th>
<th>Length/height-for-age %</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>% &lt; -3SD</td>
<td>% &lt; -2SD</td>
</tr>
<tr>
<td>Total (0-60)</td>
<td>17</td>
<td></td>
<td>0</td>
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<tr>
<td>(0-5)</td>
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<td>(24-35)</td>
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<tr>
<td>(48-60)</td>
<td>8</td>
<td></td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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 +4 to -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)

<table>
<thead>
<tr>
<th>NON-GRC Females</th>
<th>Age groups</th>
<th>N</th>
<th>Weight-for-age %</th>
<th>Length/height-for-age %</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total (0-60)</td>
<td>47</td>
<td>0 0 -0.31</td>
<td>0.49 0 8.5 -0.89 0.73</td>
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<tr>
<td></td>
<td>(0-5)</td>
<td>2</td>
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<td></td>
<td>(6-11)</td>
<td>6</td>
<td>0 0 -0.4</td>
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<tr>
<td></td>
<td>(12-23)</td>
<td>7</td>
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<td>0.54 0 0 -0.48 0.49</td>
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<tr>
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<td>(24-35)</td>
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<td>0 0 -0.82</td>
<td>0.47 0 33.3 -1.56 0.59</td>
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<td></td>
<td>(48-60)</td>
<td>17</td>
<td>0 0 -0.26</td>
<td>0.4 0 0 -1.02 0.52</td>
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</table>
### (Section II) WAZ and HAZ Score for male child (GRC)

<table>
<thead>
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<th>Age groups</th>
<th>N</th>
<th>Weight-for-age %</th>
<th>Length/height-for-age %</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>% &lt; -3SD</td>
<td>% &lt; -2SD</td>
<td>Mean</td>
</tr>
<tr>
<td>Total (0-60)</td>
<td>85</td>
<td>0 2.4</td>
<td>-0.24</td>
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<td>18</td>
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<td>-0.31</td>
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<td>-0.04</td>
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<td>-0.39</td>
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<tr>
<td>(48-60)</td>
<td>17</td>
<td>0 0</td>
<td>-0.23</td>
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</tbody>
</table>

### GRC: Females

<table>
<thead>
<tr>
<th>Age groups</th>
<th>N</th>
<th>Weight-for-age %</th>
<th>Length/height-for-age %</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>% &lt; -3SD</td>
<td>% &lt; -2SD</td>
<td>Mean</td>
</tr>
<tr>
<td>Total (0-60)</td>
<td>61</td>
<td>0 0</td>
<td>0.27</td>
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<td>(0-5)</td>
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<td>0.68</td>
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<tr>
<td>(36-47)</td>
<td>11</td>
<td>0 0</td>
<td>0.34</td>
</tr>
<tr>
<td>(48-60)</td>
<td>29</td>
<td>0 0</td>
<td>0 0.4</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPOUSE</td>
<td>AGE / MARI TAL STAT US</td>
<td>INCOME (Pre GRC)</td>
<td>INCOME (Post GRC)</td>
<td>TYPE OF EMPLOYMENT **</td>
<td>HEIGHT (IN CMS)</td>
<td>WEIGHT (IN KGS)</td>
<td>DISEASE/ DISABILITY *</td>
<td></td>
</tr>
<tr>
<td>WIFE</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUSBAN D</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


OBSERVATION FOR BEING UNEMPLOYED

1. Not finding suitable jobs  2.Illiteracy  3.No freedom to work


7.Others_________ 

TABLE 2.PROFILE OF CHIDREN
<table>
<thead>
<tr>
<th>S.N</th>
<th>SEX</th>
<th>AGE AND PLACE OF DELIVERY</th>
<th>EDUC</th>
<th>WHICH SCHOOL (Pvt/Govt)</th>
<th>REASON IF DROPPED OUT</th>
<th>HEIGHT OF CHILD UNDER 5 (IN CMS)</th>
<th>WEIGHT OF CHILD UNDER 5 (IN KGS)</th>
<th>DISEASES IF ANY</th>
</tr>
</thead>
<tbody>
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<td></td>
<td></td>
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<td></td>
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</tr>
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<td>1</td>
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<td>3</td>
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<tr>
<td>4</td>
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<tr>
<td>5</td>
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<td></td>
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<tr>
<td>6</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
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<tr>
<td>8</td>
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<td>9</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
Breast feeding of child  
1. Yes  
2. No  
3. Both  
For how long  
GIRLS:  
1. Exclusively: _______________  
2. With supplements  
For how long  
BOYS:  
1. Exclusively: _______________  
2. With supplements  
In case, not fed specify the reason why (Girls) _______________ (Boys) _______________

Table 3.  
Activities performed by husband  
<table>
<thead>
<tr>
<th>Name of Activity</th>
<th>Regularly</th>
<th>Occasionally</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Going to work</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Helping in h. hold</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Nursing of children</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Purchases of daily needs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Gossiping</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Watching of T.V.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Drinking</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
(Do you want that your husband should share h. hold responsibilities? If no, why?)
6. Do you experience violence at home?  
1. Yes (Continuing)  
2. Not presently but in past  
3. Never  
7. If Yes, type of violence  
1. Abuse  
2. Physical abuse  
3. Threat  
4. Humiliation
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
20. Benefits of maintaining hygiene

Anexure: 6 (Section I)

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

<table>
<thead>
<tr>
<th>Age group (0-60) months (GRC=85)</th>
<th>No of children (GRC=85)</th>
<th>% children &lt; -2SD (GRC)</th>
<th>No of children (Non-GRC=17)</th>
<th>% children &gt; above -2SD (Non-GRC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total (0-60)</td>
<td>85</td>
<td>4.7</td>
<td>2.4</td>
<td>17.6</td>
</tr>
<tr>
<td>0-5</td>
<td>4</td>
<td>0</td>
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</tr>
<tr>
<td>6-11</td>
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<td>11.1</td>
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<td>48-60</td>
<td>17</td>
<td>5.9</td>
<td>0</td>
<td>8</td>
</tr>
</tbody>
</table>

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)
<table>
<thead>
<tr>
<th>Age group (0-60) months</th>
<th>No of children (GRC=61)</th>
<th>%children&lt;-2SD (GRC) HAZ</th>
<th>No of children (Non-GRC=47)</th>
<th>%children&gt; above-2SD (Non-GRC) HAZ</th>
<th>WAZ</th>
</tr>
</thead>
<tbody>
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<td>61</td>
<td>1.6</td>
<td>47</td>
<td>85</td>
<td>0</td>
</tr>
<tr>
<td>0-5</td>
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</tr>
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<tr>
<td>36-47</td>
<td>11</td>
<td>0</td>
<td>12</td>
<td>25</td>
<td>0</td>
</tr>
<tr>
<td>48-60</td>
<td>29</td>
<td>3.4</td>
<td>17</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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