RRE meeting body

6Ø   Date 23/5/83

Principal Investigator   Dr. Asma Khanam

Application No. 83-028(P)

Title of Study   NANDIPARA CENSUS 1983

(PILOT-STUDY)

Trainee Investigator (if any) 3 students of Masters of Demography of D.U.

Supporting Agency (if Non-ICDDR,B) _____

Project status:
( ) New Study
( ) Continuation with change
( ) No change (do not fill out rest of form)

Circle the appropriate answer to each of the following (If Not Applicable write NA).

1. Source of Population:
   (a) Ill subjects   Yes **(No)**
   (b) Non-ill subjects   **(Yes)** No
   (c) Minors or persons
       under guardianship   **(Yes)** No

2. Does the study involve:
   (a) Physical risks to the
       subjects   Yes **(No)**
   (b) Social Risks   Yes **(No)**
   (c) Psychological risks
       to subjects   Yes **(No)**
   (d) Discomfort to subjects   Yes **(No)**
   (e) Invasion of privacy   Yes **(No)**
   (f) Disclosure of informa-
       tion damaging to sub-
       ject or others   Yes **(No)**

3. Does the study involve:
   (a) Use of records, (hosp-
       ital, medical, death,
       birth or other)   Yes **(No)**
   (b) Use of fetal tissue or
       abortus   Yes **(No)**
   (c) Use of organs or body
       fluids   Yes **(No)**

4. Are subjects clearly informed about:
   (a) Nature and purposes of
       study   **(Yes)** No
   (b) Procedures to be
       followed including   NA
       alternatives used   Yes No
   (c) Physical risks   Yes **(No)**
   (d) Sensitive questions   Yes **(No)**
   (e) Benefits to be derived   Yes No NA
   (f) Right to refuse to
       participate or to with-
       draw from study   **(Yes)** No
   (g) Confidential handling
       of data   **(Yes)** No
   (h) Compensation &/or treat-
       ment where there are risks
       or privacy is involved in
       any particular procedure Yes **(No)**

5. Will signed consent form be required:
   (a) From subjects   Yes **(No)**
   (b) From parent or guardian
       (if subjects are minors) Yes **(No)**

6. Will precautions be taken to protect
   anonymity of subjects   **(Yes)** No

7. Check documents being submitted herewith to Committee:

   _____ Umbrella proposal - Initially submit an
         overview (all other requirements will
         be submitted with individual studies).
   ✓ Protocol (Required)
   ✓ Abstract Summary (Required)
   ✓ Statement given or read to subjects on
         nature of study, risks, types of quest-
         ions to be asked, and right to refuse
         to participate or withdraw (Required)
   _____ Informed consent form for subjects
   _____ Informed consent form for parent or
         guardian
   _____ Procedure for maintaining confidential-
         ity
   ✓ Questionnaire or interview schedule *

* If the final instrument is not completed
  prior to review, the following information
  should be included in the abstract summary:
  1. A description of the areas to be
     covered in the questionnaire or
     interview which could be considered
     either sensitive or which would
     constitute an invasion of privacy.
  2. Examples of the type of specific
     questions to be asked in the sensitive
     areas.
  3. An indication as to when the question-
     naire will be presented to the Cttee.
     for review.

We agree to obtain approval of the Ethical Review Committee for any changes
involving the rights and welfare of subjects before making such change.

Asma Khanam / _Mosleh Uddin_
Principal Investigator   Trainee

SECTION I - RESEARCH PROTOCOL

(PILOT-STUDY)

1. TITLE: Nandipara Census

2. PRINCIPAL INVESTIGATOR: Dr. Asma Khanam, ICDDR,B

3. COLLABORATIVE INVESTIGATOR: Dr. Mosleuddin I.S.R.T.

4. STARTING DATE: May 16, 1983

5. COMPLETION DATE: August 15, 1983

6. TOTAL DIRECT COST: Tk. 20800

7. SCIENTIFIC PROGRAM HEAD:

This protocol has been approved by the Community Study Research

Working Group.

Signature of the Scientific Program Head: _____

                                      Date: ___2 3/5/ 8 3.___

8. ABSTRACT SUMMARY:

A census of Nandipara in 1983 will be performed to document the increase in population. Base line data on some demographic aspects & on SES will be conducted by using standard questionnaires for 3 months which will enable to study the changes in the socio-economic condition of the people in the transition village.

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9. Reviews:

    a) Research Involving Human Subjects: _____

    b) Research Committee: _____

    c) Director: _____

    d) BMRC: _____

    e) Controller/Administrator: _____

SECTION II − RESEARCH PLAN

A. INTRODUCTION

1. Objectives:

The broad objective of the study is to collect base line data on SES & some relevant demographic aspects.

2. Background:

The village Nandipara is located at a distance of 6.5 kms. east of the centre of Dhaka Metropolita city. It is bordered on the west by a canal, on the south by an embankment road and on the north and east sides by paddy fields.

The location factor predicated that within near future this area will be overtaken by urban growth and agricultural activity will cease. We have termed this village caught in the middle of the rural to urban transformation "transition village".

Nandipara consists of a series of small islands of tightly clustered huts surrounded by paddy fields (flooded during the monsoon months). Majority are muslims (70%) and minority are hindus (30%), and its labour-force consists of share-croppers, farmers, casual labourers, rickshaw pullers etc. There are businessmen like artisans, retailers, moneylenders and also service holders (employees of either the Government or a Dhaka based private or public corporation).

First census was performed in September 1977 and data collection covered 3 areas: socio-economic, nutrition and parasite infestation.

A paper estimating price, income and household size elasticities of household fuel demand is being submitted for publication to the Journal of Development Studies.

Other scientific papers to be published are:

a) The histology of F. Buski infection in two susceptible snails submitted in Am. J. Tropical Hyg.

b) Serology of Giardia in Bangladesh submitted in Journal of infectious Diseases.

c) Single dose Piperazine Therapy for Ascariasis. No effect on growth in a community study has been published in Am. J. Clin. Nutr. 81.

3. Rationale:

The present data collection will be helpful for comparison of S.E.S. and demographic characteristic of an urban fringe village "transition village". These data are not available from the Matlab series. Moreover, this limited study will also allow the students of I.S.R.T. to prepare thesis for their Master of Demography Degree from this data set. The specific topics of the students will be presented separately.

B. SPECIFIC AIMS:

The specific objectives of the study will be to collect base line
data on the following aspects:

(a) to assess the socio-demographic pattern of the village.

(b) to have detailed picture of the development programmes of
     the village: such as communication, institutions, welfare
     activities, modern approach in agriculture sector etc.

C. METHODOLOGY:

(i) Study area: Nandipara, a transition village which is about 6.5 kms.
east of the centre place of Dhaka city has been selected as the site of
this study.

Total population is about 2,000 consisting of about 450 holds, the
unit of the study will be the households and all the households of the
village will be studied.

Three Masters of Demography students of ISRT, D.U. will be the
interviewers where work will be supervised by Dr. Asma Islam and Dr. M.
Moslehuddin. The respondent will be the household heads but in case of
absence of the Head, his wife or any other well informed person of the
family will be taken as the repondent.

(ii) <u>Data Collection Procedure</u>: Data will be collected by administering
a standardized questionnaire. The questionnaire will be pretested before
administering the task of the data collection. The questionnaire would
contain both structured and unstructured type of questions (see appendix).

Data Processing:

The collected data will be processed by computer. The necessary
editing, coding and verification will be made before taking the data
to the computer.

Data Analysis:

Tabulated data will be analysed using different statistical measure-
ments, e.g. percentage, central tendency, dispersion, co-efficient of
correlation, significance test, like t, F, . The mentioned statistical
tests will be applied depending on the appropriateness of the data.

D.   SIGNIFICANCE:

The aim of the study is to have a census and data on demography &
S.E.S.   in a sense to update the census, and note the changes
of the above characteristics of this transition village where data are
lacking.

E. FACILITIES REQUIRED:

1. Office space: present office space for Dr. Asma and Dr. Mosleuddin will be used.

2. Use of I.C.D.D.R.B., computer facilities.

3. Personnel:

    Computer Programmer

4. Occassional transportation to and from Nandipara.

F. COLLABORATIVE ARRANGEMENTS

Dr. Mosleuddin from I.S.R.T University of Dhaka has agreed to collaborate on this study. The demographic (including fertility) and S.E.S. data will be used by three students of Dr. Mosleuddin for M.A. Thesis. These students will also be working with this protocol.

SECTION III – BUDGET

LIMITED BUDGET

1. Personnel Services

Investigators	Position	% Time Used	Annual Salary		Remarks
			Taka	US $	
Dr. Asma Khanam	Investigator	15%	2400		
Dr. Mosleuddin	Collaborative Investigator	30%	2500		
Thesis student from I.S.R.T.		50%			Paid by I.S.R.T

2. Programmer, Computer and Supplies   5000

3. Miscellaneous (Publication expenses, xeroxing etc.) 5000

4. Stationeries   500

5. Transport   600

Total 16000

Overhead 30%   4800

GRAND TOTAL 20800

CENSUS RECORD – NANDIPARA, ICDDR,B, 1983

VAR NO.	VARIABLE NAME	COLUMN	CODE
1.	Study No.	1-3	
2.	Card No.	4	
3.	Old Plot No.	5-8	
4.	New plot No.	9-12	
5.	Para No.	13-14	
6.	Family No.	15-18	
7.	Family size	19-20	
8.	Religion	21	Muslim = 1 Hindu = 2 Others = 3
9.	Date of Interview		
	Year	22-23	
	Month	24-25	
	Day	26-27	
10.	Identification No.	28-29	
11.	Sex	30	Male = 1 Female = 2
12	Relation to house hold head	31-32	Self = 01 wife = 02 son = 03 daughter = 04 brother = 05 sister = 06 father = 07 mother = 08 grand son= 09 grand daughter = 10 daughter in law= 11 son in law = 12 nephew = 13 niece = 14 servant = 15

VAR NO.	VARIABLE NAME	COLUMN	CODE	
13.	Mother's Reg. No.	33-38		
14.	Marital status	39	Unmarried	=1
			Married	=2
			Remarried	=3
			Widowed	=4
			Divorced	=5
			Separated	=6
15.	Spouse's Registration No.	40-45		
16.	Mother's Registration No.	46-51		
17.	Date of Birth			
	year	52-53		
	month	54-55		
	day	56-57		
18.	Age	58-59		
19.	Date of Death			
	year	60-61		
	month	62-63		
	day	64-65		
20.	Age at Death	66-67		
21.	Date of Migration - in			
	year	68-69		
	month	70-71		
	day	72-73		
22.	Date of Migration-out			
	year	74-75		
	month	76-77		
	day	78-79		
23.	Place of birth	80-81	Comilla	= 01
			Dacca	= 02
			Assam	= 03
			Noakhali	= 04
			Barisal	= 05
			Mymensingh	= 06
			Agartola	= 07
			Barisal	= 08
			Patuakhali	= 09
			Faridpur	= 10
			Dhaka	= 11
			Tangail	= 12

VAR NO.	VARIABLE NAME	COLUMN	CODE
			Jamalpur = 14
			Mymensingh = 15
			Sylhet = 16
			Comilla = 17
			Noakhali = 18
			Chittagong = 19
			Chittagong Hill Tracts = 20
			Calcutta = 21
			Others = 22
24.	Entry year	82-83	
25.	Education	84-85	Illiterate = 00
			Primary (class I-V) = 01
			Secondary (class VI-X) = 02
			Higher Secondary (XI-XII)
			Graduate = 04
			Master degree = 05
			Moktab = 06
			Not applicable = 07 (Age 5 year)
26.	Occupation (Major)	86-87	No information = 99
27.	Occupation (Minor)	88-89	Labourer = 01
			A. labourer = 02
			Rickshow puller= 03
			Artisan = 04
			Service = 05
			Agriculturist = 06
			House wife = 07
			Household work = 08
			Fishing = 09
			Carpenter = 10
			Business = 11
			Petty business = 12
			Student = 13

FERTILITY CODE PLAN – NANDIPARA, ICDDR,B, 1983

VAR NO.	VARIABLE NAME	COLUMN	CODE
1.	Study No.	1-3	083
2.	Card No.	4	
3.	Para No.	5-6	
4.	Family No.	7-10	
5.	Date of Interview	11-16	
6.	Member's Reg. No.	17-22	
7.	Mother's age	23-24	
8.	Did you give birth last year?	25	Yes=1 No =2
9.	Date of birth	26-31	
10.	Sex	32	Male=1 Female=2
11.	Litter size	33	Single=1 Twin =2 Triple=3
12.	Result	34	Mis/Indu=1 Mis/spon=2 Still =3 Live =4
13.	No. of previous pregnancy to mother	35-36	
14.	No. of living children	37-38	
15.	No. of living daughters	39	
16.	No. of children born alive now dead	40-41	
17.	No. of daughters born alive now dead	42	
18.	No. of miscarriages and still births	43-44	
19.	Expected No. of children of the couple	45-46	
20.	Mother's education	47-48	Illiterate=00 Primary (class I-V) =01 Secondary (class VI-X) =02 Higher secondary = Graduate =04 Master degree =05 Moktab =06
21.	Father's education	49-50	
22.	Monthly family income	51-54	

VAR NO.	VARIABLE NAME	COLUMN	CODE
23.	Do you know about family planning	55	Yes=1 No =2
24.	What method of family planning are known to you	56-67	Yes=1 No =2
25.	Do you ever practice	68	Yes=1 No =2
26.	What method	69-70	Pill =01 Condom =02 IUD =03 Tubectomy =04 Vasectomy =05 Injection =06 Vaginal methods=07 (foam, jally, etc.) Abstinence =08 Rhythm =09 Withdrawal =10 MR/abortion =11 Other =12
27.	Do you practice now	71	
28.	What method	72-73	(same as 26)
29.	Does the Govt. Family Planning worker visit your household?	74	Yes=1 Nö =2
30.	Age at first marriage of the wife	75-76	
31.	Age at first marriage of the husband	77-78	
32.	No. of marriages of the husband	79	
33.	Family members who suffered from various types of illness (during the last one year)		
	Age	80-81	
	Sex	82	Male=1 Female=2
	Marital status	83	Unmarried=1 Married =2 Divorced =3 Widowed =4 Separated=5
	Types of disease	84-86	Measles =1 Tetanus =2 Diarrhoeal=3 Dysentery =4 Childbirth=5 Jaundice =6 Pneumonia =7 Heart Disease=8 Asthma =9 Fever =10 T.B. =11 Cold attack=12 Others =150
	Suffering time	87-89	

VAR NO.	VARIABLE NAME	COLUMN	CODE
	Type of treatment	90	Licenced Allopath=1 Allopath quack =2 Homeopath =3 Kabiraj =4 MBBS =5 Hospital treatment=6 Other =7 Doctor not consulted=
	Amount spent (in taka)	91-94	
	Result	95	Cure =1 Still suffering=2 Dead =3

CENSUS NANDIPARA ICDDR,B-1983

1. Study No. 2. Card No. 3. Old Plot No. 4. New Plot No. 5. Para No. 6. Family No. Name of HH head 7. Family size 8. Religion 9. Date of interv

/_/_/_/   /_/   /_/_/_/_/   /_/_/_/_/   /_/_/   /_/_/_/_/   _____   /_/_/   /_/   /_/_/_/_/
1-3   4   5-8   9-12   13-14   15-18   19-20   21   22-26

10. Ind.No.   Name   11. Sex   12. Reln.HH   13. Mother's Reg.No.   14. Mar.Sta.   15. Spouse's Reg.No.   16. Member's Reg.No.   17. Date of bir

/_/_/   _____   /_/   /_/   /_/_/_/_/   /_/   /_/_/_/_/   /_/_/_/_/   /_/_/_/_/

SOCIO-ECONOMIC DATA NANDIPARA, ICDDR,B-1983

1.Study No. /__/__/__/ 2.Card No. /__/ 3.Old Plot No. /__/__/__/__/ 4.New Plot No. /__/__/__/__/ 5.Para No. /__/__/__/ 6.Family No. /__/__/__/ Name of HHH _____ 7.Fam.Size /__/__/ .Religion /__/ 9.Date of interview /__/__/__/__/__/__/ 10.Educ /__/__/

  1-3   4   5-8   9-12   13-14   15-18   19-20   21   22-27   28-29

11. Occupation /__/__/
    30-31

13. Items owned: Lep (01), Hurricane (02), Bi-cycle (04), Any watch (08), Radio (16), Remittance (32)

12. Monthly family income /__/__/__/__/__/__/ (average monthly income during last year)
    32-37

14. No. of cows owned /__/__/   15.No. of boats owned /__/__/ 16.No.of goats owned /__/__/ 17.Total land owned (in decimals) Bari land /__/__/__/__/ Crop land /__/__/__/
    40   41   42   43-46   47-50
    13-14

If own land: Self cultivated (1)   If no land: Takes rent   (1)
              Renting out   (2) /__/   Shares crop   (2) /__/
              Share croping   (4)   51   Others (specify) (4) 52

18. Main sources of water:

Drinking /__/   Cooking /__/   Bathing /__/   Washing /__/
         53   54   55   56

19. Structure of the largest room: Wall .... /__/   Roof .... /__/
                                                            57   57

Code: Tubewell (1), Tank (2), River (3), Ditch/Canal (4), Others (5)

Codes: Wall tin + Roof tin (1), Wall pucca + Roof tin (2), Wall Pucca + Roof pucca (3), Wall tin + Roof pucca (4),
        Others (6)   Wall others + Roof tin (5),
                                                                                         Wall others + Roof others (4),

20. No. of rooms ..../__/ 21.Size of largest room (in feet) length...../__/__/ Breadth ..../__/__/
                     58   59-60   61-62

22. Use of fixed latrine (type)........................./__/
                                                         63

Codes: Pucca individual (1), Katcha individual (2), Pucca shared (3), Katcha shared (4)

2 . Use of electricity: No electricity (0), Homestead lighting (1), Commercial use (2), Homestead lighting + Commercial (3),........................ /__/
                                                                                                                                                      64

1. Study No.
   |_|_|_|
   1 - 3

2. Family No.
   |_|_|_|_|
   4 - 7

3. Mother's Regn. No.
   |_|_|_|_|_|_|
   8 - 13

4. Date of Interview
   |_|_|_|_|_|_|
   14 - 19

5. Name of deceased

6. Date of death
   |_|_|_|_|_|_|
   20 - 25

7. Date of birth
   |_|_|_|_|_|_|
   26 - 31

8. Sex
   |_|
   32

9. Marital status
   |_|
   33

10. Cause of death .... Measles (01) Tetanus (02) Drowning (03) Diarrhoea (04)
    |_|_|
    34 - 35

    Dysentery (05) Child birth (06) Jaundice (07) Pneumonia (08)

    Murder (09) Suicide (10) Accident (11) Heart Disease (12)

    Asthma (13) Evil Spirit(14) Fever (15) T.B. (16) Takuria (17)

    Other (18)

11. Place of death

12. Type of doctor consulted: Licenced Allopath (01) Allopath quack (02) Homeopath (03) Kabiraj (04) MBBS (05) Other (06)

    Doctor not consulted (07)

    |_|_|
    36-37

    |_|_|
    38-39

13. Father's education
    |_|_|
    40 - 41

14. Mother's education
    |_|_|
    42 - 43

15. Deceased's education
    |_|_|
    44 - 45

16. Deceased's occupation
    |_|_|
    46 - 47

17. Father's occupation
    |_|_|
    48 - 49

18. Family income (average monthly income during last one year)
    |_|_|_|_|_|_|
    50 - 55

1. Study No.

/ / / /
    1-3

2. Card No.

/ /
 4

3. Para No.

/ / /
   5-6

4. Family No.

/ / / / /
    7-10

5. Date of interview (date of visit)

/ / / / / /
    11-16

$. Name of the children
    (age 5 years)

_____

7. Age

/ /
 17

8. Date of Birth

/ / / / / /
    18-23

9. Sex

/ /
 24

10. Height (in mm)

/ / / / /
   25-28

11. Weight (in kg)

/ / / / /
   29-32

12. Mid Arm Circumference (in mm)

/ / / / /
   33-36

<u>FERTILITY DATA, NANDIPARA:ICDDR,B - 1983</u>

1. Study No.   2. Card No.   3. Para No.   4. Family No.   5. Date of interview

/__/__/__/   /__/   /__/__/   /__/__/__/__/   /__/__/__/__/__/__/
   1-3   4   5-6   7-10   11-16

Name of Mother   6. Members Reg. No.   7. Mother's age   8. Did you give birth last ye

_____   /__/__/__/__/__/__/   /__/__/   /__/   Yes=1
                          17-22   23-24   25   No =2

(if yes in question No. 8)   Mis/Indu=
                                            Single=1   Mis/spon=
9. Date of birth   10. Sex   11. Litter size Twin=2   12. Result still=3
                                                             Triplet=3   live =4

/__/__/__/__/__/__/   /__/   Male=1   /__/   /__/
      26-31   32   Female=2   33   34

Mother's Pregnancy history:

13. No. of previous pregnancy to mother (exlcuding this birth) /__/__/
                                                                 35-36

14. No. of living children (Total) /__/__/   15. daughter's /__/
                                     37-38   39

16. No. of children born alive now dead (Total) /__/__/   17. Daughters /__/
                                                  40-41   42

18. No. of miscarriages and still births /__/__/   19. Expected No. of Children of the co
                                           43-44
                                                                  /__/__/
                                                                   45-46

20. Mother's Education /__/__/   21. Father's Education   /__/__/
                        47-48   49-50

22. Monthly family income /__/__/__/__/
                            51-54

Family planning:

23. Do you know about family planning /__/   Yes=1
                                         55   No =2

24. What methods of family planning are known to you

/__/   /__/   /__/   /__/   /__/   /__/   Yes=1
 7   57   58   59   60   61   No =2
11 Condom   IUD   Tubectomy   Vasectomy   Inj.

/__/   ——— ——— /__/   /__/   /__/   /__/   /__/   Yes=1
 62   63   64   65   66   67   NO =2
aginal Methods Abstinence Rhythm Withdrawal MR/Ab. Other

25. Did you ever practice /__/   Yes=1   26. What method /__/__/
                            68   No =2   69-70

27. Do you practice now /__/   Yes=1   28. What method /__/__/
                          71   No =2   72-73

29. Does the government F.P. worker visit your household /__/   Yes=1
                                                           74   No =2

30. Age at first marriage of the wife /_/_/

75-76

31. Age at first marriage of the husband /_/_/

77-78

32. No. of marriage ofthe husband /_/

33. Family members who suffered from various types of illness (during the last one year)

Name of person who suffering/suffered from diseases	Age	Sex	M. Status	Disease from which suffering/ suffered	Duration of suffering (give name of the month)	Types of treat- ment received	Amount spent (in Tk.)	Re