

APPENDIX II
 INTERVIEW CUM OBSERVATION SCHEDULE
 TBSU - NPIC
 HOME MANAGEMENT DEPARTMENT
 FACULTY OF HOME SCIENCE
 M.S.UNIVERSITY OF BARODA
 BARODA

Schedule No.:

Date of the Interview :

SECTION I

1. Name of the respondent (Name of the Main Cook)
 Surname First Name Second Name
2. Address
3. Type of Family
 Joint - 1
 Extended -2
 Nuclear -3
4. Main Occupation of family
 a. Farming
 b. Agriculture Labour
 c. Cattle raising
 d. Working in public sector
 e. Working in private sector
 f. Petty business/self employment
5. Are you head of family ?
 Yes - 2 No - 1
6. If not, who is the head of family ?
 Name Sex
7. Relationship of head of the family to the main cook ?
 Self - 1 Husband - 2 Father - 3 Father-in-law - 4
 Son - 5 Mother - 6 Mother-in-law - 7
8. Who's the main person who takes decision on financial matters?
 Key as above
9. Is this person the main supporter/earner :

Sr.No.	Name of the fly.member	Relationship to the main cook	Sex	Age
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10.1 Family size : Total -
 a. Adults (18 +) :
 b. Children (under 18) :
 c. Male :
 d. Female :

10.2 Categorisation :
 Small - 1
 Medium - 2
 Large - 3

10.3 Marital status of the main cook:
 Single - 1
 Married intact - 2
 Widow - 3
 Separated - 4
 Divorced - 5

10.4 Number of years of married life -----

10.5 Age of the main cook (Actual) -----

10.6 Categorisation :
 Young (below 34)
 Middle (34 - 50)
 Old (51 +)

10.7 Age of the spouse of the main cook (Actual) -----

10.8 Categorisation :

Refer key for 10.5

10.9 Age of the head of the family, if spouse of main cook is
 not the head

10.10 Categorisation :
Refer to key for 10.5

11. Educational level of the respondent :
 Illiterate - 1
 Upto Primary education - 2
 Upto Secondary education - 3
 Graduate (failure) - 4
 Graduate passed - 5
 Post graduate - 6

11.1 No. of Yrs of formal schooling completed -----

11.2 No. of Yrs of formal college education completed -----

11.3 Total No. of yrs of formal education -----

11.4 Categorisation :

None - 1
 Low - 2
 Medium - 3
 High - 4

12. Education level of the spouse of the respondent :
Refer to key for 11

12.1 No. of years of formal schooling completed -----

12.2 No. of years of formal college education completed -----

12.3 Total number of years of formal education -----

12.4 Categorisation :

Refer to key for 11.4

13. Employment status of the main cook :
 a. Not employed outside for wages/salary - 1
 b. Employed outside on daily wage - 2
 c. Employed outside on monthly salary - 3
 d. Self employed - 4

13.1 If earning, then income earned in Rs.-----

13.2 Category :

Low - 1
 Medium - 2
 High - 3

14. Employment status of main cook's spouse :
Refer to key for 13

14.1 If earning, then income earned in Rs. _____

14.2 Category :

Low	- 1
Medium	- 2
High	- 3

15. Employment status of the head of the family :
Refer to key for 13

15.1 If earning, then income earned in Rs. _____

15.2 Category :

Refer to key for 13.2

16. Landholding :

None	- 1
Yes	- 2

If yes,

16.1 Total land in the possession of the family

_____ vighas _____ hectares.

16.2 Out of the total mentioned area

under cultivation _____ vighas _____ hectares

16.3 Not under cultivation _____ vighas _____ hectares

Note : One hectare = 2.47 acres = 4.94 vighas
One acre = 2 vighas

16.4 Category :

Only tenancy	- 1
Only owner ship	- 2
Both	- 3

16.5. Categorisation by landholding size :

Landless	- 1
Marginal farmer	- 2
(< 1 ha or < 5 vighas)	
Small farmer	- 3
(1 - 2 ha or 5 - 9.88 vighas)	
Large farmer	- 4
(> 2 ha or > 9.88 vighas)	

17.1 Crops cultivated :

KC Rice	- 1
KC Wheat	- 2
KC Jowar	- 3
KC Maize	- 4
CC Tobacco	- 5
CC Cotton	- 6

- 17.3 Category by crops cultivated :
Cash crops - 1
Non-cash crops - 2
Both - 3
18. Family caste :
General category - 1
SC/ST - 2
19. Economic position :
Poor - 1
Average - 2
Very good - 3
- 20.1 What is your source of income ?
Salary/wage - 1
Self employment - 2
Farm - 3
Rent - 4
- 20.2 At any time in the past your family had to borrow money :
Yes - 2 No - 1
- 20.3 Purpose/s for which loan is taken :
For day to day expenses - 1
To buy goats/buffaloes/cows - 2
To buy agri. implements/fertilizers/seeds - 3
For beedimaking/self employment - 3
To buy land - 5
To buy house/repairs - 6
For marriage, education etc. - 7
To meet emergencies like medical treatment/hospitalisation-8
- 20.4 Do you have any savings scheme ?
Yes - 2 No - 1
- 20.5 Adequacy of income
Inadequate for any purpose - 1
Adequate for day-to-day living only - 2
Adequate for day-to-day living small savings for emergencies - 3
Adequate for day-to-day living small emergencies and small investments - 4
Adequate for all purposes - 5

SECTION II

21. Extent of Interaction with different spheres : Please give the details regarding the venues of your household's interactions with the neighbourhood :

Family members	Interacts with	Purpose	Frequency	EIDS	Scores
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21.1 EIDS score of the main cook :

21.2 EIDS score of the family :

Key : Interacts with : near by shop - 1
 farm - 2
 neighbours house - 3
 nearby villages - 4
 nearby town/city in district - 5
 cities outside the district - 6
 villages/towns outside the district - 7

1-3 = Immediate (1) 4 & 5 = near (2) 6 & 7 = far (3)

Purpose : to buy things related to daily living - 1
 to buy things related to farming - 2
 to sell items - 3 for service/job - 4
 for education - 5 for socialisation - 6

Frequency : less than once in a year - 1
 1-5 times in a six months - 2
 1-3 times a month - 3
 1-3 times a week - 4
 4-7 times a week - 5

22. What are the activities from the following in which one or more members of your household indulge in after dusk ? (please tick mark)

1. Studying/writing
2. Talking
3. Listening to radio
4. Watching T.V.
5. Doing income generating activities like beedimaking, tailoring etc.
6. Household work - cleaning kitchen/utensils
7. Sleep/rest
8. Taking meals

23. Energy Base of End Uses

23.1 Cooking :

Conventional fuels (kerosene/biomass) - 3

Modern (electricity/gas) - 1

Both 1 & 3 - 2

23.2 Lighting :

Refer to the key for 24.1

23.3 Transport :

Conventional (Muscle energy - walking & cycling) - 3

Modern (diesel/petrol) - 1

Both 1 & 3 - 2

23.4 Agriculture :

Conventional (animal/human energy) - 3

Modern (Electricity/diesel/petrol) - 1

Both 1 & 3 - 2

24.1 Details on the different fuels used for cooking :

Type of fuel	Source	Mode of procurement	Reasons for preferring
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Fuelwood			
Agrowaste			
Dungcake			
Charcoal			
Kerosene			
Cooking gas			

Key : Source : Own farm/land - 1
 Private land owned by others - 2
 Waysides/Nearby forest - 3
 Local market - 4
 Ration shop - 5
 Nearby town - 6
 Nearby village - 7
 Own & waysides - 8

Mode of procurement : Gathered - 1
 Purchased - 2
 Both 1 & 2 - 3

Preference for the fuel : Free availability - 1
 Easy to use - 2
 Economical - 3
 Speed - 4

24.2 Persons involved in gathering :

By sex	By age	Mode of transport	Distance covered
M F	A Cdn.		

Key : Mode of transport : Headload - 1
 Bicycle - 2
 Bullock cart - 3
 Camel cart - 4
 Tractor - 5

25.1 How is the excess fuel stored ?

Keeping in gunny bags - 1
 Kitchen corner - 2
 Anyother room/verandah - 3
 Backyard - 4
 Attic/loft - 5

25.2 What are the problems in storage ?

Lack of enough space - 1
 Difficult to store in monsoon - 2
 Messy appearance - 3
 Danger of fire - 4

26. What is the monthly expenditure on different types of fuels ?

Type of fuel	Monthly consumption	Monthly expenditure(Rs.)
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Fuelwood (kg)
 Charcoal (kg)
 Kerosene (lt)
 Electricity
 LPG
 Diesel (lt)
 Petrol (lt)

27. Do you experience scarcity/non-availability when you go to buy/gather ?

Type of fuel	3 years ago	5 years ago
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Fuelwood
Agrowaste
Dungcake
Kerosene
Charcoal

Key : More scarce now - 3
Same now - 2
Less scarce now - 1

28. Availability of and Accessibility to normally used cooking fuels:

Sources	Available to other families	Accessible to your family
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Market in the village
Wood
kerosene
Market in nearby village
Wood
Kerosene
Market in nearby town
Near by forest
Farm land (own/private)
Waste land

29.1 At what age do you expect your daughter to participate in cooking or started cooking ? _____ years

29.2 Category : Below 10 years - 1
10 - 14 years - 2
15 - 17 years - 3
> 17 years - 4

29.3 At what age did you start cooking? _____ years

29.4 Category : (Refer to key for Q.33.2)

30. Who all participate in cooking fuel cycle ?

Nature of work	Person responsible		Person helps	
	Age	Sex	Age	Sex

Preparation of fuel
Cooking
Cleaning

31. Meal pattern:

31.1 No. of meals taken per day on normal days

Key : 1 meal and 1 tea snack : 1
 2 meals : 2
 2 meals & 1 tea snack : 3
 2 meals & 2 tea snack : 4
 2 meals & 2 tea - 5
 2 meals & 1 tea - 6
 2 meals & one tea & one tea snack - 7

31.2 Meals

Items

Morning tea :
 Lunch :
 Evening tea :
 Dinner :

31.3 Content of meals :

- a. No. of items prepared for lunch on normal days :
- b. No. of items prepared for dinner on normal days :
- c. Maximum number of items per day :
- d. Type of meal pattern :

Key : Very simple : 1 item each for both the meals
 Simple meal : 2 items each for both the meals
 Some what complex : 3 items each for both the meals
 Very complex : 4 items each for both the meals

31.4 What are the different cooking methods that you do normally ?

a. Boiling	Yes - 2	No - 1
b. Frying	"	"
c. Steaming	"	"
d. Roasting	"	"
e. Baking	"	"

32. May I know your cooking time:

Farm families - morning	evening
Non farm families - morning	evening

33. What are the cooking tasks done once you lit chulha ?

Activities	Morning	Afternoon	Evening
Cooking			
Heating water			
Making tea & snacks			
Making tea alone			
Cooking animal feed			
No cooking			

34. Which stove was used before owning IC and for which purpose that stove and reasons for preferring that particular stove

Type of stove	Main	Secondary	Tertiary	Reasons	Items made
Open fire					
U TRC					
Kerosene					
Sigdi					
Gas stove					
Electric stove					

Reasons for preferring :

- Easy cooking - 1
- Better taste - 2
- Easy operation -- 3
- Traditional technology - 4
- As a supplementary unit - 5

35. Who actually made TRC that you were using ?

- Self - 1
- Other women in the family - 2
- Other women in the neighbourhood - 3
- Men in the family - 4
- Men in the neighbourhood - 5
- Potter - 6
- Purchased not know who made it - 7

36. What are the materials used in making your TRC ?

- Local (mud, clay, fine dust) - 1
- Local & commercial (mud, clay, finedust, ash, dung) - 2

37.1 Do you have any belief regarding location of stove ?

Yes - 2 No - 1

37.2 Stove opening should face :

- Eastern side - 1
- Western side - 2
- South east - 3
- North east - 4

Southern side - 5
Northern side - 6

37.3 Do you leave the fire idle in between cooking operations :

Always - 3
Sometimes - 2
Never - 1

37.4 Do you dry the fuel before using for cooking ?

Air dried - 1
Dried on chulha after cooking - 2
No specific practice - 3

37.5 How do you kindle the fire ?

Kerosene oil - 1
Paper - 2
Both 1 & 2 - 3

37.6 Where do you sit while cooking ?

Infront of the firebox - 1
By the side of the fire box - 2

37.7 If to the side

Right side of the stove fuel feed opening - 1
Left side of the stove fuel feed opening - 2

(Side is identified with reference to the person facing the fuel feed opening)

38. Do you find any of the following uses for the heat from your TRC ?

1. Gives warmth
2. Gives light
3. Keeps away insects & pests
4. Useful to dry fuel or any other material
5. None

39. Do you find any use for smoke ? (please specify)

1. Preserves thatched roof
2. Preserves foods
3. Keeps away insects
4. Dries food
5. None

40. Did you face any of the following problems with your TRC ?

1. Too much smoke
2. Soot on pots

3. Soot on walls
4. Eye irritation (watery eyes)
5. Cough
6. Running nose
7. Headaches
8. High fuel consumption
9. Constant attention
10. Giddiness
11. Cleaning pots become difficult

41. Where do you cook during different periods of year before MC?

Place	Summer	Winter	Monsoon
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Open yard

Verandah without roof & wall

Verandah with roof & no wall

Verandah with roof & parapet wall

Room with dwarf wall

Room

Kitchen with dwarf wall

Kitchen

42.1 Do you know about any of the improved cooking technologies

Solar cooker	Yes - 2	No - 1
Improved chulha	"	"
Bio gas	"	"

42.2 Do you think they are useful in cooking ?

Solar cooker	Yes - 2	no - 1
Improved chulha	Yes - 2	no - 1
Bio gas	Yes - 2	no - 1

42.3 What is the source of information regarding these ITs?

Sarpanch	- 1
Friends/relatives	- 2
Neighbours	- 3
Implementing agencies	- 4
News paper /magazines	-5

43. Demands on Main Cook's time :

Activities	Most help	Little help	No help	Score
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Cooking meals

Cleaning kitchen

Cleaning vessels

Sweeping

Dusting

Mopping
 Washing clothes
 Mending & stitching
 Gathering fuel
 Fetching water
 Going to flour mill
 Bathing animals
 Cleaning cow shed
 Milking animals
 Grazing animals
 Cooking animal feed
 Caring for children
 Caring for aged
 Buying groceries
 Buying vegetables
 Cleaning grains
 Washing floors with mud
 Mud washing of walls
 Adding preservatives

SECTION III

44. How did you come to know about MC ?

Friends-1 Relatives-2
 Neighbours -3
 Govt. sponsored agencies - 5
 Govt. Office net work - 4

45. What motivated you to own/install MC ?

Novelty - 1
 Material of MC (Prefab components) - 2
 Reduction in drudgery - 3
 Smokelessness - 4
 Fuel saving - 5
 Effectiveness of chulha as seen through cooking demonstration - 6
 Low cost/subsidy - 7
 To be one of the first to own - 8
 Other's interest in MC - 9

46. Who made the decision in your family to install MC ?

Self - 2
 Husband - 1
 Both - 3
 Son - 4
 Brother - 5
 Father - 6
 Father in law - 7
 Mother in law - 8
 Any other (specify)

47.1 Was there any delay in installing the chulha after chulha maker contacted you first for making chulha :

Yes-2 No - 1

47.2 If yes, how much time lapsed after the first contact of SEW with your family ?

47.3 Delay due to :

Raw materials were not kept ready - 1
 Nobody was available in the house - 2
 Chulha maker did not come as per the time given - 3
 Chimney to be taken through wall and there was reluctance - 4

48. Location of chulha :

Room/Kitchen - 1
 Open verandah/yard - 2
 Verandah with roof and wall - 3

49.1 Were you required to make any change in your cooking management practices due to use of MC?

Yes - 2 No - 1

49.2 If yes, what changes have you made to adjust to cooking at MC?

Make smaller rotlas - 1
 Use 2 pot holes simultaneously - 2
 Reduce cooking medium (water) - 3
 Less stirring - 4
 Less attention required - 5

49.3 Do you need to make changes in fuel management practices?

Yes - 2 No - 1

49.4 If yes, What are the changes you made?

Use dry fuel in small thin pieces - 1
 Reduce brning rate after some time - 2
 Avoid fuel burning outside firebox - 3
 Less blowing to keep fire burning - 4

49.5 Have you made changes in chulha?

Yes -2 No - 1

49.6 If yes, what changes (physical status) are made ?

Feeding chamber widened - 1
 Tunnel between firebox and second pothole closed - 2
 Tunnel between second pot hole and chimney closed - 3

Second pothole filled with mud - 4
 Second pothole changed to firebox - 5
 Chimney removed and kept aside - 6
 Converted into TRC - 7
 Nails fixed on interior sides of potholes - 8
 Mounds made on top surface of pot holes - 9

50.1 Do you clean chimney pipe?

Yes -2 No - 1

50.2 If yes how often?

51. How do you (how frequently) care and maintain your MC?

52. Number of times the chulha maker visited after installation of chulha:

Frequency 1st mon. 2-3rd mon. 4-6 mon. after six months

No visit

Once

Twice

> twice

53.1 Are you satisfied with your MC?

Satisfied - 1

Uncertain - 2

Dissatisfied - 3

53.2 If satisfied what are the reasons/benefits?

1. Time saving
2. Fuel saving
3. Ease in tending fire
4. Comfort in cooking
5. Less heat around cook stove
6. Less smoke in kitchen
7. Less accident chances
8. Cleaner walls
9. Cleaner pots

53.3 If not satisfied with MC can you tell me the reasons for it?

1. Inconvenient to operate
2. Insufficient knowledge to operate
3. Small fuelfeed opening
4. Consume more fuel
5. Small size of chulha
6. Backflow and smoke in kitchen
7. Doesnot cook rotla on firebox
8. Second pot fails to cook
9. Saving in cooking time
10. Inappropriateness of MC

- 11. Large pothole
- 12. Water leakage
- 13. Breakage of chulha

54.1 Do you think you save time in cooking, cleaning pots, fuel collection due to use of MC?

Yes - 2 No - 1

54.2 How much time (hrs per day) is saved _____

54.3 How do you spend this time saved?

- Attending to other household work - 1
- Attending to livestock - 2
- Participate in subsistence farming - 3
- More wage employment - 4
- Attending to child care - 5
- More leisure and rest - 6
- Others (specify)

55. Details on Quality of Installation

55.1 Construction method

- With mould - 1
- In mud/brick platform (prefab liners) - 2

55.2 All parts are mud - 1

All parts are prefab - 2

55.3 Dimensions are proper or not

Firebox	yes - 2	No - 2
First pothole	"	"
Second pothole	"	"
First tunnel	"	"
Second tunnel	"	"
Fuel feed inlet opening	"	"

55.4 Clamping done	"	"
Chimney sealing	"	"
Ashhole present	"	"

55.5 Cowl - AC - 1 Ceramic - 2

55.6 Chimney fixed through wall - 2 roof - 1

56. Extent of Participation in NPIC

56.1 Were the training camps attended?

- Women/main cook - 4
- Men - 3
- Children - 2
- None - 1

56.2 How many training camps you and your family were exposed to?

Main Cook	Family
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None - 1
One - 2
Two - 3
Three - 4

56.3 In your case you or your family attended training camps

Family	Main cook
--------	-----------

All before and after
installation of MC - 4
Some before and after - 3
Either before or after - 2
None - 1

56.4 Were you or anybody else in the family present when the chulha was installed in your house?

Nobody present - 1
Any family member other than cook present - 2
Only cook present - 3
Cook as well as other member/s present - 4

56.5 Contribution of the family

a. Raw material

None - 1
Mud and dung - 2
Brick, mud and dung - 3
Brick and cement mortar - 4

b. Labour

None - 1
Family's labour reluctantly at intervals - 2
Main cook's labour willingly through out - 3
Family's labour willingly through out - 4

c. Monetary contribution

Nil - 1
Rs. 5 - 2
Rs. 10 - 3
Rs. 15 - 4

57.1 Type of training given regarding the use of MC

Live demonstration - 1
Lecture - 2
Both - 3
None - 1

57.2 Nature of training

- One for the entire village - 1
- Once for a group of families in a neighbourhood - 2
- More than once for a group of families in a neighbourhood - 3
- Individually as and when requested - 4

SECTION IV

58. Extent of adoption of MC

58.1. Functional status of MC

- Used for daily and special occasions - 5
- For occasional cooking - 4
- Not present but would like to get reinstalled - 3
- Chulha present but not in use - 2
- Chulha demolished not wanted - 1

58.2. If not in use since when?

- Did not last til monsoon - 1
- Survived monsoon - 2
- Stopped using after monsoon - 3

58.3 Reasons for not using before monsoon

- 1.
- 2.
- 3.

58.4 Reasons for not using after monsoon

- 1.
- 2.
- 3.

58.5 Reasons for stopping using during monsoon

- 1.
- 2.
- 3.

58.6 Period of use

- None - 1
- Few days to < 3 months - 2
- 3 months to < 6 months - 3
- 6 months to < 9 months - 4
- ≥ 9 months - 5

58.7 Details of chulha/stove used for different tasks and the frequency of use

Tasks	Before MC				After MC				MC
	Openfire	TRC	Kerosene	Gas	Electricity	Openfire	TRC	Kerosene	Gas

I. Cooking family
meals on normal
days

II. Items made:

Rotla/paratha/
roti/debra
Puri
Rice/khichdi
Dal
Vegetable
Kadhi
Dhokla/khaman
Handwa
Tea
Milk boiling
Pressure cooking
Frying

III. To cook selected
items

IV. Space heating

V. On special occa-
sions

Code: Frequency: Always - 5 Mostly (6-8 times out of 10) - 4
Occasionally (3-5 times out of 10) - 3
Rarely (1-2 out of 10) - 2
Never - 1

58.7.1 Extent of replacement of TRC by MC

No replacement of TRC - 1
Replacement of TRC to some extent - 2
Both TRC and MC to same extent - 3
Replacement of TRC by MC to greater extent - 4

58.7.2 Comparative use of TRC in pre and post installation
period of MC

Increased use of TRC - 1
Same extent of use of TRC - 2
Reduced use of TRC - 3
No TRC in use - 4

58.7.3 Variety in cook stoves used during post installation period of MC

- Any other stove without MC - 1
- Use of MC with two other stoves - 2
- Use of MC with one other stove - 3
- Use of MC alone - 4

58.7.4 Extent of use of MC

- Less than 25% - 1
- 26 to 50% - 2
- 51 to 75% - 3
- More than 75% - 4

58.8 If chulha liners are broken then what will you do?

- Remake by self - 5
- Remake MC by SEW - 4
- Repair the broken pieces and refix the chulha liner and use - 2
- Replace parts - 3
- Switch over to traditional chulha - 1

58.9 Have you suggested installation of MC and its use to others (interms of frequency)

- Always - 5
- Mostly - 4
- Sometimes - 3
- Rarely - 2
- Never - 1

59. Energy Consumption Practices

Cooking Management Practices

- | | | | |
|---|---|---|---|
| 1. Cooking should be an unplanned activity. | A | S | N |
| 2. Some thing or the other should be kept on the chulha in between cooking to use heat in burning fuel. | A | S | N |
| 3. Cooking pan should be left open throughout. | A | S | N |
| 4. Continuous stirring should be practiced while cooking to avoid burning. | A | S | N |
| 5. Cooking pan should be kept partially closed, stirring the contents less frequently. | A | S | N |
| 6. Lots of water should be added to the food that is to be cooked. | A | S | N |
| 7. If more water (cooking medium) is needed to complete cooking then cold water could be added. | A | S | N |

- | | | | |
|--|---|---|---|
| 8. To cook in less water and have warm water readily available water should be kept on the lid of the cooking pan. | A | S | N |
| 9. Some of the items should be cooked for two meals at a time. | A | S | N |
| 10. Reheating should be done as and when needed. | A | S | N |
| 11. Once the chulha is lit, some body or the other should attend to cooking/once the chulha is lit, it should be used immediately. | A | S | N |

Fuel Management Practices:

- | | | | |
|---|---|---|---|
| 12. Large logs should be used for cooking without chopping. | A | S | N |
| 13. Small thin pieces of firewood should be used. | A | S | N |
| 14. The chulha should be fed with large amounts of thin pieces of wood. | A | S | N |
| 15. It would not matter if fuel burns outside the chulha. | A | S | N |
| 16. The stored heat in stove body should be used once cooking is over. | A | S | N |
| 17. Cooking should be done inside the kitchen. | A | S | N |
| 18. Cooking should be done outside the kitchen. | A | S | N |

Transport and Lighting Management Practices:

- | | | | |
|---|---|---|---|
| 19. House should have windows to permit light inside house. | A | S | N |
| 20. Lamp should be put out after use. | A | S | N |
| 21. Lamp should be allowed to burn idle. | A | S | N |
| 22. One should plan visits to minimise use of energy. | A | S | N |
| 23. One should advocate use of automobiles like luna, moped, motorcycle to walking. | A | S | N |

60. Cost-Benefit Perception Scale

- | | | | |
|---|---|---|----|
| 1. The beneficiary contribution of Rs.15 is just nominal. | A | U | DA |
| 2. The space occupied by MC could be put for better use. | A | U | DA |

- | | | | |
|--|---|---|----|
| 3. MC leads to saving in fuel bill. | A | U | DA |
| 4. MC is better than TRC though it gives less light and warmth. | A | U | DA |
| 5. Use of MC has resulted in less cooking time. | A | U | DA |
| 6. More labour is required in installing MC. | A | U | DA |
| 7. MC is letting us to spend more time with family. | A | U | DA |
| 8. The effort in maintenance and repair of MC not worth when compared to its benefits. | A | U | DA |
| 9. It keeps environment clean. | A | U | DA |
| 10. Efforts to learn special skill to cook on MC is not worth the benefits from MC. | A | U | DA |
| 11. Use of MC has resulted in more leisure time. | A | U | DA |
| 12. The cost of materials for MC is exorbitant in comparison to the gain in using MC. | A | U | DA |
| 13. Cooking on IC is less tiring. | A | U | DA |
| 14. It is not worth while to cut tin sheet while fitting chimney through the roof as compared to its benefits. | A | U | DA |
| 15. MC has resulted in relief from drudgery in fuel procurement. | A | U | DA |
| 16. Traditional chulha is better than MC as it requires no expense, no skill and not much space. | A | U | DA |
| 17. MC reduce physical discomforts from smoke, soot at cooking and cleaning vessels. | A | U | DA |
| 18. MC is not advisable as its benefits are not convincing. | A | U | DA |
| 19. MC has given relief from eye irritation, watery eyes, cough etc. | A | U | DA |
| 20. There are less chances of accidents in using MC. | A | U | DA |
| 21. MC is yet another means to get votes and not worthy of considering for use. | A | U | DA |
| 22. It keeps walls clean. | A | U | DA |

23. The constant attention required to cook on MC by switching first pot and second pot is worth while as the user benefits from fuel saving, saving in time for fuel gathering etc. A U DA
24. MC is a programmed for people to make money in the name of environment biomass conservation which does not benefit the poor household in any manner. A U DA

SECTION V

Observation Schedule

61. Possession of Consumer Durable Goods by the family

Materials	No.	Score
I. Cupboard/storage units		
Metal : Trunk - 1		
Small - 3		
Large - 6		
Wooden : Small - 2		
Large - 4		
Large built-in wooden shutters - 5		
II. Chairs : Wooden low steel - 1		
Wooden high steel - 2		
Metal folding chair - 3		
Wooden chair - 4		
Wooden chair with synthetic seat and chair back - 5		
Steel folding chair - 6 with tape		
III. Cots : Camp cots (canvas) - 1		
Wooden with coir matting - 2		
Metal cots with tape - 3		
Wooden cots with wooden planks - 4		
Wooden cots with plywood - 5		
Metal folding cots - 6		
IV. Wall clock - 2		
Alarm piece - 1		
V. No. of matkas		
Brass - 4		
Steel - 3		
Aluminium - 2		
Mud - 1		

- VI. Swings large - 2
Swings small - 1
- VII. Fans
Ceiling - 2
Table - 1
- VIII. Lamps
Tubelights - 6
Bulbs with shade - 5
Without shade - 4
Kerosene lanterns - 3
With glass shade - 2
Without glass shade - 1
- IX. Grain storage containers
Metal - 3
Plastic - 2
Mud - 1
- X. Transport means
Motorcycle/scooter - 3
Moped - 2
Cycle - 1
- XI. Household equipment
Non Electric iron - 1
Electric iron - 2
Mixer - 3
- XII. Recreational equipment
Transistor/radio - 1
Record player - 2
TV - 3
- XIII. Stove
Gas stove - 6
Kerosene-pressure stove - 5
Wick stove - 4
U shaped TRC - 3
Pit in the ground - 2
Open fire - 1

Note : Zero score was given if it was not applicable.

62. Quality of housing :

62.1 Type of the house :

- Row house - 1
- Duplex - 2
- Detatched/independent - 3

62.2 If row house how many in one row ? _____

62.3 Material of walls of all rooms :

Kutchha - 1
Semi pucca - 2
Pucca - 3

Key : Mud- kutchha

Brick & mortar - pucca

Brick plastered with cement - pucca

62.4 Material of floors of all rooms:

Refer to codes for 21.3

Key : Loose mud flooring - kutchha

Mud-dung washed - kutchha

IPS/Tiled - Pucca

62.5 Material of roof of all rooms

Refer to codes for 21.3

Key : Terraced/Mangalore tile/country tile - pucca

AC sheet/GI sheet - semi pucca

Thatched roof - Kutchha

62.6 Entire house :

Refer to codes for 21.3

Key : Fully kutchha : Wall, ceiling, roof and floor of kutchha material

Semi pucca : any one or two of these pucca

Pucca : all the three pucca

62.7 Drinking water source :

Well/pond/river - 1

Community pipe - 2

Well/community pipe - 3

River/domestic pipe - 4

Domestic pipe - 5

62.8 Electricity connections

In the house - 1

Only in the village (i.e. street lights, and in other houses) - 2

62.9 Bathroom facilities :

Seperate - pucca room - 1

Temporary enclosed - 2

Kitchen corner - 3

Open area in the yard - 4

62.10 Toilet :

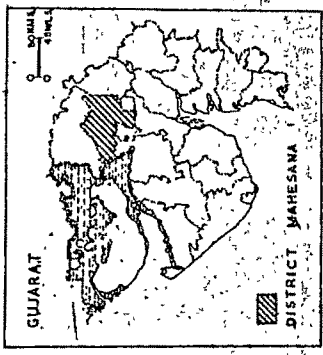
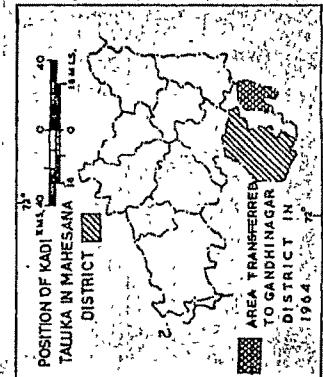
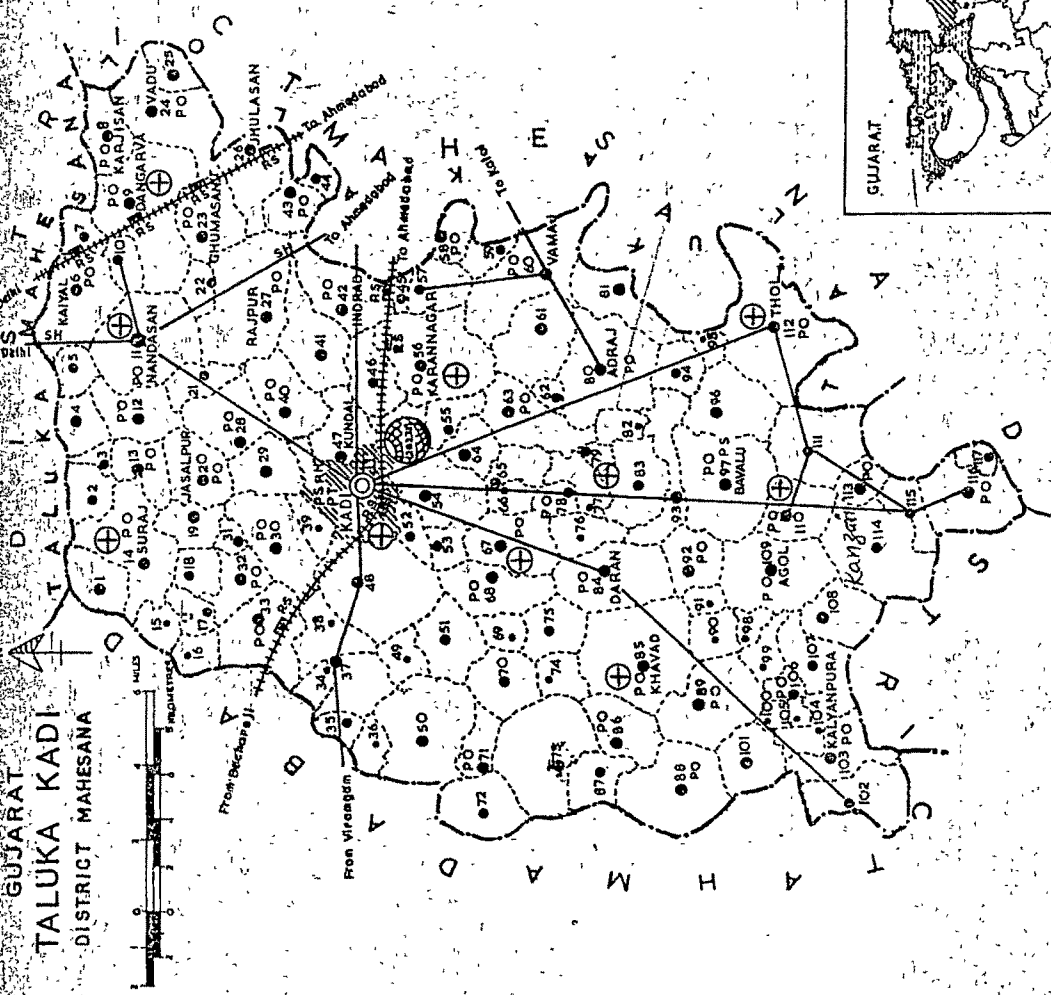
Separate - flush - 3

Borehole - 2

Open defaecation - 1

APPENDIX II : 2

- DISTRICT HEADQUARTERS
- TALUKA HEADQUARTERS
- VILLAGE HEADQUARTERS
- NATIONAL HIGHWAY
- STATE HIGHWAY
- METALLED ROAD
- UNMETALLED ROAD
- RIVERS & STREAMS
- TANKS NATURAL OR ARTIFICIAL
- RESERVOIRS/BUNDS/EMBANKMENTS/ CANALS WITH DISTRIBUTORIES & LOCK
- TOWNS
- VILLAGES
- UNINHABITED VILLAGES
- POST/TELEGRAPH OFFICE
- PO/PT
- PS
- RH
- REST HOUSE/TRAVELLERS BUNGALOW
- RAILWAYS WITH STATIONS
- BROAD GAUGE
- METRE GAUGE
- NARROW GAUGE
- HOSPITALS/PRIMARY HEALTH CENTRES/ DISPENSARIES/CHILD & MATERNITY WELFARE CENTRES
- URBAN AREA



23° 10'

23° 10'

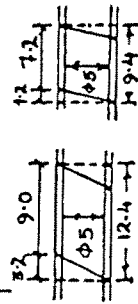
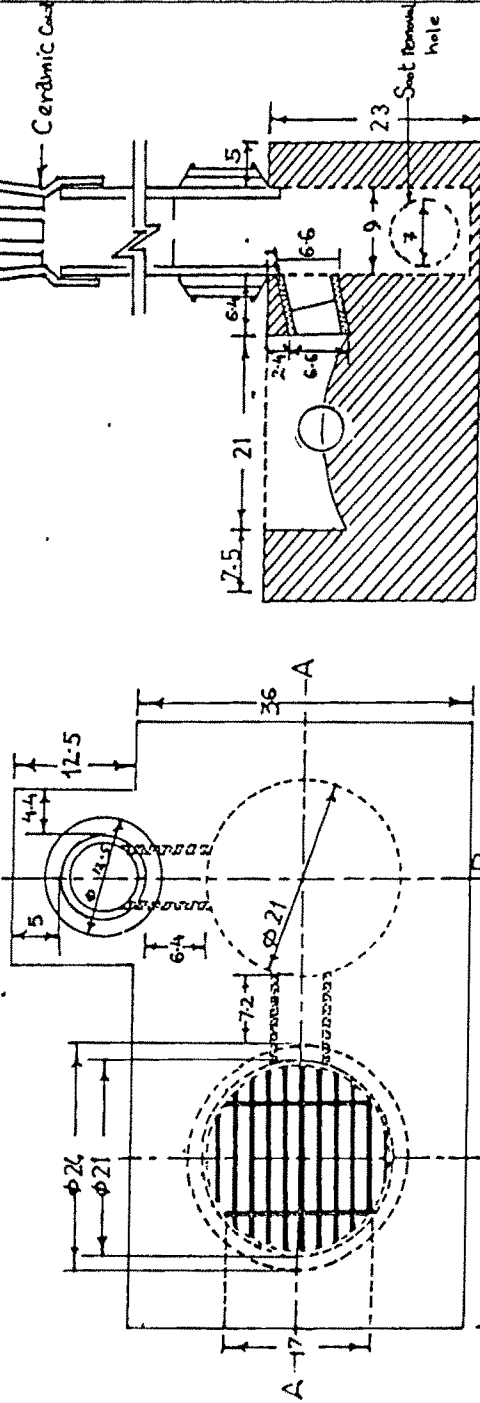
40

30

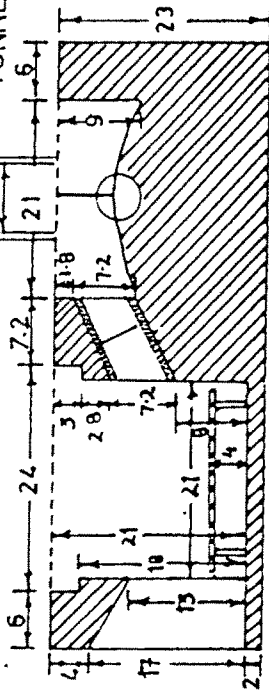
72° 20'

APPENDIX II.3

MAMTA TWO POT CHULHA



ALL DIMENSION IN CM.
SCALE-1:6



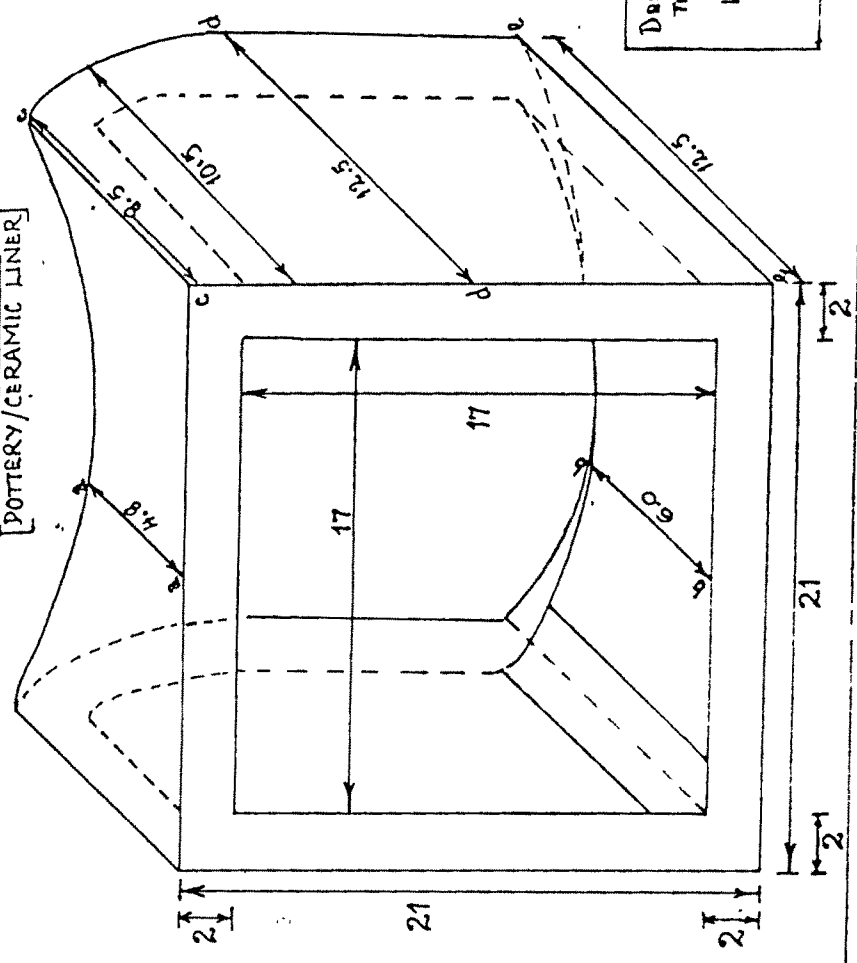
DESIGNED AND DEVELOPED BY
TECHNICAL BACKUP SUPPORT UNIT
HOME MANAGEMENT DEPARTMENT
FACULTY OF HOME SCIENCE
M S UNIVERSITY OF BARODA.

: 7 :

M 10

MAMTA CHULHA

STOVE MOUTH SHIELD
[POTTERY/CERAMIC LINER]

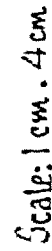


- aa Centre Top
- bb Centre Base
- cc Corner Top
- dd Maximum Depth (side)
- ee Base Corner

Scale 1cm=2cm

DESIGNED & DEVELOPED BY
TECHNICAL BACKUP SUPPORT
UNIT
HOME MANAGEMENT DEPTT
M S UNIVERSITY OF BARODA
DRAWING. Yr: 1991

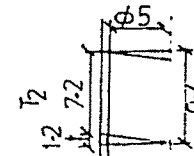
[Designed and developed by TSS Unit,
Baroda.]



- a Fuel feed inlet shield - Ceramic/pottery.
- b Tunnels - Ceramic/pottery/A.C. ID 3 cm
- c Firebox liner - Ceramic/pottery.
- d Second pothole liner. Ceramic/pottery.
- e Chimney holder (collar portion of A.C. pipe)
- f Chimney - A.C pipe ID 1.5 cm.
- g Grate ϕ 20 cm.

Prepared By:

Technical Backup Support Unit
Home Management Dept
Faculty of Home Science
M.S. University of Baroda,
Vr. 1991



ALL DIMENSION IN CM
SCALE 1 5

Developed by TBSU, Noida, India S. N.
Home Management Department
Faculty Of Home Science
Y. S. Univ. Of Baroda.

SECTION A-A M.S./C.I. GRATE MAY BE USED

APPENDIX III

Table 1: Pattern of Energy Consumption in India

Type of Fuel	1953-54	1978-79	2000-01
Coal	13.35	13.94	20.62
Oil	12.75	25.52	33.85
Electricity	4.60	17.10	33.06
Animaldung	9.85	-	-
Agri.waste	13.35	40.30	11.47
Firewood	44.10	-	-

Source : Vaidyeswaran, 1987.

Table 2: Pattern of Commercial Energy Consumption in Different Sectors

Yr/Sector	Household	Agriculture	Industry	Transport	Others
1953	21.3	3.0	37.3	35.8	2.8
1960	20.6	3.6	39.2	33.8	2.8
1970	18.0	4.6	38.7	32.7	6.0
1984	18.2	9.8	36.4	31.4	4.2

Source : Rao, 1987.

Table 3: Percentage Share in Final Energy Consumption by Different Sectors

Sector	1953-54	1960-61	1970-71	1980-81	1990-91
Industry	39.8	40.7	51.6	57.0	50.4
Transport	46.2	44.9	29.4	23.5	24.5
Household	9.9	10.6	14.3	12.3	13.8
Agriculture	1.7	1.8	3.8	6.1	9.0
Others	2.4	2.0	0.9	1.1	2.3

Source : Eighth Five Year Plan, 1992-97.

Table 4: Use of Biomass Fuels in Household Sector in India in 1978-79

Fuel	Household x 1000		Total	Consumption 1000 tonnes
	Rural	Urban		
Charcoal	813	2283	3096	600
Dungcake	50307	6411	56718	71710
Fuelwood	29010	12455	42265	20109
Crop residues	42803	1558	44361	30613
Sawdust	655	823	1478	573
Woodshaving	595	233	828	374
Twigs	57527	3497	61024	62943
Total	85161	24066	109227	186922

Source : Natarajan, 1985.

Table 5: Use of Energy in the Different Economic Sectors of Nepal (MGJ)

Sectors	1985/86	%	2000/01	%
Domestic	238.8	94.4	296.0	91.1
Industrial	5.8	2.4	12.3	3.8
Commercial	2.6	1.1	5.0	1.5
Agricultural	0.3	0.1	1.1	0.3
Transportation	4.9	2.0	10.4	3.2

Table 6: Use of Energy by Fuel Types in Nepal (in MGJ)

Fuel types	1985/86	%	2000/01	%
Fuelwood	184.5	75.3	177.8	54.7
Animalwastes	26.9	11.0	57.3	17.6
Agri.residues	20.8	8.5	62.3	19.2
Petro-products	8.6	3.5	17.3	5.3
Electricity	1.7	0.7	5.2	1.6
Coal	1.1	0.5	3.5	1.1
Gases	0.1	-	0.2	-
Others	0.7	0.3	1.1	0.3

Source : Water and Energy Commission Secretariat, Nepal, FAO Report, 1991.

Table 7: Achievements of NPIC Since Inception

Period/Year	Nos. (in lakhs)
1983-1985	8.12
1985-1986	11.22
1986-1987	9.05
1987-1988	15.18
1988-1989	18.33
1989-1990	21.99
1990-1991	18.27 (Target)
1991-1992	19.27 (-do-)
1992-1993	17.50 (-do-)
1993-1994	24.00 (-do-)
1994-1995	26.00 (-do-)
1995-1996	24.00 (-do-)

Source : Antika, 1990; Administrative Approvals of MNES.

APPENDIX IV

Table 1: Distribution of Families by Age of the Main Cook

Yrs in age	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<25	5	3.85	11	8.46	14	10.77
25-34	49	37.69	50	38.46	52	40.00
35-44	30	23.08	43	33.08	41	31.54
45-54	46	35.38	25	19.23	19	14.61
> 54	-	-	1	0.77	4	3.08
Total	130	100.00	130	100.00	130	100.00
Mean	37.19		35.07		34.98	
SD	8.70		9.45		9.96	

Table 2: Distribution of Families by Education of the Main Cook

Educational level	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Illiterates	124	95.38	97	74.61	105	80.77
< SSLC	5	3.85	29	22.31	23	17.69
SSLC & above	1	0.77	4	3.08	2	1.54
Total	130	100.00	130	100.00	130	100.00

Table 3: Distribution of Families by Caste

Caste	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
General category	82	63.08	122	93.85	125	96.15
SC/ST	48	36.92	8	6.15	5	3.85
Total	130	100.00	130	100.00	130	100.00

Table 4: Distribution of Families by Number of Adults and Children

Number	Adults						Children					
	K		V		S	K		V		S		
0	-	-	-	-	-	-	24	18.46	24	18.46	20	15.38
1	4	3.08	8	6.15	5	3.85	18	13.85	18	13.85	21	16.15
2	69	53.08	63	48.46	62	47.69	33	25.38	31	23.85	31	23.85
3	20	15.38	16	12.31	25	19.23	26	20.00	35	26.92	34	26.15
4	11	8.46	20	15.38	22	16.92	14	10.77	15	11.54	18	13.85
5	17	13.08	9	6.92	8	6.15	11	8.46	3	2.31	4	3.08
6	7	5.38	9	6.92	4	3.08	4	3.08	2	1.54	1	0.77
7	1	0.77	3	2.31	3	2.31	-	-	2	1.54	-	-
8	1	0.77	2	1.54	1	0.77	-	-	-	-	1	0.77
Total	130	100.00	130	100.00	130	100.00	130	100.00	130	100.00	130	100.00
Mean	2.98		2.98		2.96		2.83		2.71		2.64	
SD	1.44		1.60		1.37		1.36		1.27		1.24	

Table 5: Distribution of Families by Number of Persons

Number of persons	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
1	2	1.54	3	2.31	-	-
2	7	5.38	9	6.92	6	4.61
3	6	4.61	6	4.61	11	8.46
4	27	20.77	25	19.23	32	24.61
5	32	24.61	41	31.54	30	23.08
6	25	19.23	17	13.08	21	16.15
7	21	16.15	9	6.92	13	10.00
8	6	4.61	4	3.08	9	6.92
9 & above	4	3.08	16	12.31	8	6.15
Total	130	99.98	130	100.00	130	99.98
Mean	5.31		5.84		5.26	
SD	1.78		5.34		1.83	

Table 6: Distribution of Families by Type of Family

Type of family	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
Joint	32	24.61	41	31.54	37	28.46	110	28.20
Extended	2	1.54	4	3.08	5	3.85	11	2.82
Unitary	96	73.85	85	65.38	88	67.69	269	68.97
Total	130	100.00	130	100.00	130	100.00	390	99.99

Table 7: Distribution of Families by Landholding

Number of hectares	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
0	88	67.69	55	42.31	68	52.31
< 1	10	7.69	38	29.23	55	42.31
1-2	9	6.92	23	17.69	3	2.31
3-4	15	11.54	8	6.15	3	2.31
5-6	5	3.85	3	2.31	-	-
7 & above	3	2.31	3	2.31	1	0.77
T.L.H.	42	32.31	75	57.69	62	47.69
G.T.	130	100.00	130	100.00	130	100.00
Mean		12.74		7.01		3.00
SD		14.96		7.73		3.83

Table 8: Distribution of Families by Category of Land Owning

Category	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
Tenancy	-	-	1	0.26	1	0.26	2	0.51
				(0.77)		(0.77)		(1.10)
Ownership	41	10.51	73	18.72	62	15.89	176	45.13
		(31.54)		(56.15)		(47.69)		(97.64)
Both	1	0.26	2	0.51	-	-	3	0.77
		(0.77)		(1.54)				(1.66)
Total	42	10.77	76	19.49	63	16.15	181	46.41
		(32.31)		(58.46)		(48.46)		(100.00)

Figures in parentheses indicate the percentage out of the relevant cases

Table 9: Distribution of Families by Cultivation of Different Crops

Crops	Kanjari (N=42)		Vadadla (N=77)		Sindhrot (N=62)		Total (N=182)	
	N	%	N	%	N	%	N	%
Bajra	22	16.92 (52.38)	5	3.85 (6.49)	59	45.38 (95.16)	86	22.05 (47.51)
Wheat	5	3.85 (11.90)	5	3.85 (6.49)	1	0.77 (1.61)	11	2.82 (6.08)
Rice	26	20.00 (61.90)	74	56.92 (96.10)	2	1.54 (3.22)	102	26.15 (56.35)
Tobacco	2	1.54 (4.76)	-	-	32	24.61 (51.61)	34	8.72 (18.78)
Onion	6	4.61 (14.28)	7	5.38 (9.09)	3	2.31 (4.84)	16	4.10 (8.84)
Jeera	41	31.54 (97.62)	-	-	-	-	41	10.51 (22.65)
Tuvar	-	-	39	30.00 (50.65)	-	-	39	10.00 (21.55)

Figures in parentheses indicate the percentage out of the relevant cases

Table 10: Distribution of Families by Economic Position

Economic position	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
Poor	55	42.31	43	33.08	45	34.61	143	36.67
Average	65	50.00	68	52.31	73	56.15	206	52.82
Good	10	7.69	19	14.61	12	9.23	41	10.51
Total	130	100.00	130	100.00	130	100.00	390	100.00

Table 11: Distribution of the Families by the Type of Housing

Type of Housing	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Twinblock	41	31.54	73	56.15	34	26.15
Detached units	46	35.38	35	26.92	53	40.77
Row units	43	33.08	22	16.92	43	33.08
Total	130	100.00	130	99.99	130	100.00

Table 12: Distribution of Families by Number of Houses in Each Row

No. of houses	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
3	8	6.15 (18.60)	15	11.54 (68.18)	8	6.15 (18.60)	31	7.95 (28.70)
4	12	9.23 (27.91)	3	2.31 (13.64)	25	19.23 (58.14)	40	10.26 (37.04)
5	17	13.08 (39.53)	4	3.08 (18.18)	6	4.61 (13.95)	27	6.92 (25.00)
6	-	-	-	-	4	3.08 (9.30)	4	1.03 (3.70)
8	6	4.61 (13.95)	-	-	-	-	6	1.54 (5.56)
Total	43	33.07 (99.99)	22	16.92 (100.00)	43	33.07 (99.99)	108	27.69 (100.00)

Figures in parentheses indicate the percentage out of the relevant cases

Table 13: Distribution of Families by Nature of Housing Materials

Nature of Materials	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Walls</u>						
Kutchha	23	17.69	9	6.92	71	54.61
Semipucca	-	-	5	3.85	9	6.92
Pucca	107	82.31	116	89.23	50	38.46
Total	130	100.00	130	100.00	130	99.99
<u>Floor</u>						
Kutchha	118	90.77	104	80.00	99	76.15
Semipucca	5	3.85	12	9.23	14	10.77
Pucca	7	5.38	14	10.77	17	13.08
Total	130	100.00	130	100.00	130	100.00
<u>Roof</u>						
Kutchha	-	-	2	1.54	4	3.08
Semipucca	1	0.77	104	80.00	62	47.69
Pucca	129	99.23	24	18.46	64	49.23
Total	130	100.00	130	100.00	130	100.00

Entire house

Kutchha	-	-	5	3.85	3	2.31
Semipucca	125	96.15	125	96.15	121	93.08
Pucca	5	3.85	-	-	6	4.61
Total	130	100.00	130	100.00	130	100.00

Table 14: Distribution of Families by Source of Drinking Water

Source	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Well/pond/river	128	98.46	13	10.00	20	15.38
river						
Community pipe	1	0.77	108	83.08	21	16.15
Well/community	1	0.77	9	6.92	76	58.46
pipe						
River/domestic	-	-	-	-	8	6.15
pipe						
Domestic pipe	-	-	-	-	5	3.85
Total	130	100.00	130	100.00	130	99.99

Table 15: Distribution of Families by Sanitary Services

Sanitary Services	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Bathroom</u>						
Temp. enclosed	80	61.54	73	56.15	46	35.38
Independent permanent	23	17.69	13	10.00	9	6.92
Open area	22	16.92	36	27.69	68	52.31
Kitchen corner	5	3.85	44	33.85	75	57.69
Total	130	100.00	130	99.99	130	100.00
<u>Toilet</u>						
None	125	96.15	123	94.61	123	94.61
Flush system	5	3.85	7	5.38	7	5.38
Total	130	100.00	130	99.99	130	99.99

Table 16: Distribution of Families by LQH

LQH	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
5-8	16	12.31	21	16.15	35	26.92	80	20.51
9-12	85	65.38	69	53.08	84	64.61	238	61.03
13-15	29	22.31	40	30.77	11	8.46	72	18.46
Total	130	100.00	130	100.00	130	99.99	130	100.00
Mean	11.95		10.69		10.36		11.00	
SD	1.93		1.79		1.80		1.96	

Table 17: Distribution of Families by EPCDG

EPCDG	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
10-25	27	20.77	18	13.85	29	22.30	74	18.97
26-41	65	50.00	44	33.85	43	33.08	152	38.97
42-57	26	20.00	27	20.77	44	33.85	97	24.87
58-73	9	6.92	20	15.38	10	7.69	39	10.00
74-89	-	-	12	9.23	4	3.08	16	4.10
90-105	3	2.31	9	6.92	-	-	12	3.08
Total	130	100.00	130	100.00	130	100.00	390	99.99
Mean	37.65		48.63		39.82		42.04	
SD	15.87		22.74		15.71		18.96	

Table 18: Distribution of Families by EDMCT

EDMCT	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
20 or less	13	10.00	5	3.85	12	9.23	30	7.69
21-30	45	34.61	44	33.85	33	25.38	122	31.28
31-40	9	6.92	17	13.08	22	16.92	48	12.31
41-50	36	27.69	47	36.15	32	24.61	115	29.49
51-60	17	13.08	15	11.53	14	10.77	46	11.79
61 and above	10	7.69	2	1.54	17	13.08	29	7.44
Total	130	99.99	130	100.00	130	99.99	390	100.00
Mean	33.28		37.35		40.22		36.95	
SD	13.03		12.77		15.80		13.87	

Table 19: Distribution of Families by EBEU

EBEU	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
4-5	1	0.77	-	-	-	-	1	0.26
6-7	84	64.61	37	28.46	52	40.00	173	44.36
8-9	33	25.38	59	45.38	61	46.92	153	39.23
10 or more	12	9.23	34	26.15	17	13.08	63	16.15
Total	130	99.99	130	99.99	130	100.00	390	100.00
Mean	7.71		8.28		7.75		7.91	
SD	1.14		1.29		1.37		1.30	

Table 20: Distribution of Families by EAFAD

EAFAD	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
13-14	83	63.85	39	30.00	28	21.53	150	38.46
15-16	39	30.00	69	53.08	44	33.85	152	38.97
17-18	6	4.61	20	14.61	53	40.77	79	20.25
19 or more	2	1.54	2	1.54	5	3.85	9	2.31
Total	130	100.00	130	100.00	130	100.00	390	100.00
Mean	13.85		14.78		15.57		14.73	
SD	1.31		1.40		1.69		1.64	

Table 21: Distribution of Families by EMPS

EMPS	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
35-40	3	2.31	2	1.54	-	-	5	1.28
41-46	16	12.30	23	17.69	9	6.92	48	12.31
47-52	42	32.31	46	35.38	36	27.69	124	31.54
53-58	56	43.08	47	36.15	49	37.69	152	41.79
59-64	13	10.00	11	8.46	31	23.85	55	14.10
65-70	-	-	1	0.77	5	3.85	6	1.54
Total	130	100.00	130	99.99	130	100.00	390	100.00
Mean	51.88		50.85		54.84		52.52	
SD	5.23		5.34		5.36		5.58	

Table 22: Distribution of Families by EIMCDS

EIMCDS	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
< 40	16	12.31	9	6.92	26	20.00	51	13.08
41-50	40	30.77	12	9.23	31	23.85	83	21.28
51-60	25	19.23	24	18.46	13	10.00	62	15.90
61-70	44	33.85	73	56.15	55	42.31	172	44.10
71-80	4	3.08	8	6.15	2	1.54	14	3.59
81 & more	1	0.77	4	3.08	3	2.31	8	2.05
Total	130	100.00	130	99.99	130	100.00	390	100.00
Mean	53.40		59.10		52.57		55.02	
SD	11.55		10.14		13.30		12.06	

Table 23: Distribution of Families by EIFDS

EIFDS	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
< 50	2	1.54	-	-	1	0.77	3	0.77
51-100	3	2.31	5	3.85	2	1.54	10	2.56
101-150	16	12.31	11	8.46	21	16.15	48	12.30
151-200	45	34.61	15	11.54	27	20.77	87	22.31
201-250	24	18.46	27	20.77	39	30.00	90	23.08
251-300	20	15.38	35	26.92	18	13.85	73	18.72
301-350	8	6.15	13	10.00	10	7.69	31	7.95
351 or more	12	9.23	24	18.46	12	9.23	48	12.31
Total	130	99.99	130	100.00	130	100.00	390	100.00
Mean	226.04		274.55		228.15		242.92	
SD	91.03		125.30		96.22		107.37	

Table 24: Distribution of Families by Type of Fuel Consumed for Cooking

Type of fuel	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Fuelwood/agrowaste	130	100.00	130	100.00	130	100.00
Dungcake	57	43.85	72	55.38	75	57.69
Kerosene	9	6.92	63	48.46	92	70.77
Electricity	3	2.31	1	0.77	-	-

Total exceeds cent per cent due to multiple response.

Table 25: Distribution of Families by Reasons for Using Particular Cooking Fuels

Reasons	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Fuelwood/agrowaste</u>						
Easy in use	44	33.85	105	80.77	63	48.46
Free availability	5	3.85	18	13.85	11	8.46
Economy	124	95.38	119	91.54	109	83.85
Speed	1	0.77	3	2.31	5	2.85
<u>Dungcake</u>						
Economy	14	10.77	4	3.08	5	2.85
Easy in use	9	6.92	12	9.23	14	10.77
Free availability	43	33.08	65	50.00	72	55.38
<u>Kerosene</u>						
Easy in use	8	6.15	24	18.46	69	53.08
Economy	4	3.08	16	12.31	45	34.61
Speed	6	4.61	41	31.54	48	36.92
<u>Electricity</u>						
Speed	3	2.31	1	0.77	4	3.08
Total exceeds cent per cent due to multiple response.						

Table 26: Distribution of Families by Mode of Procurement of Fuelwood

Mode of procurement	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Gathered	126	96.92	102	78.46	69	53.08
Purchased	3	2.31	16	12.31	44	33.85
Both	1	0.77	12	9.23	17	13.08
Total	130	100.00	130	100.00	130	100.00

Table 27: Distribution of Families by Distance Travelled in Collecting Fuel

Distance (km)	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
< 0.5	44	33.85	28	21.54	9	6.92
0.5-1	55	42.31	59	45.38	12	9.23
1-1.5	14	10.77	32	24.61	29	22.31
1.5-2	9	6.92	8	6.15	26	20.00
2-3	3	2.31	3	2.31	43	33.08
> 3	5	3.85	-	-	11	8.46
Total	130	100.00	130	100.00	130	100.00
Mean		2.13		2.25		3.98
SD		1.26		0.93		1.36

Table 28: Distribution of Families by Mode of Transporting Fuelwood

Mode	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Headload	94	72.31	96	73.85	63	48.46
Headload & bicycle	14	10.77	15	11.54	31	23.85
Bicycle	6	4.61	9	6.92	28	21.54
Headload & camelcart	6	4.61	9	6.92	-	-
Bullock/camelcart	9	6.92	-	-	3	2.31
Tractor	-	-	1	0.77	3	2.31
Headload & Tractor	1	0.77	-	-	2	1.54
Total	130	99.99	130	100.00	130	100.00

Table 29: Distribution of Families by Source of Procurement

Source of procurement	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Fuelwood</u>						
Own farm	45	34.61	48	36.92	45	34.61
Others'sland	1	0.77	2	1.54	2	1.54
Wayside/forest	81	62.31	65	50.00	85	65.38
Nearby town	3	2.31	12	9.23	27	20.77
Nearby village	1	0.77	16	12.31	34	26.15

Dungcake

Own	5	3.85	4	3.08	-	-
Wayside	49	37.69	68	52.31	74	56.92
Both	3	2.31	-	-	1	0.77

Kerosene

Local shop	101	77.69	57	43.85	36	27.69
Rationshop	20	15.38	3	2.31	34	26.15
Nearby village	9	6.92	14	10.77	2	1.54
Nearby town	-	-	31	23.85	50	38.46

Total exceeds cent per cent due to multiple response.

Table 30: Distribution of Families by Number of Males and Females Involved in Fuel Gathering

Number of persons	Kanjari						Vadadla						Sindhrot					
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
0	45	34.61	6	4.61	-	-	80	61.54	5	3.85	-	-	44	33.85	26	20.00	-	-
1	56	43.08	78	60.00	4	3.08	41	31.54	76	58.46	8	6.15	70	53.85	78	60.00	5	3.85
2	22	16.92	33	25.38	69	53.08	7	5.38	33	25.38	63	48.46	12	9.22	19	14.61	62	47.69
3	6	4.61	11	8.46	20	15.38	2	1.54	13	10.00	16	12.31	4	3.08	6	4.61	25	19.23
4	-	-	2	1.54	11	8.46	-	-	3	2.31	20	15.38	-	-	-	-	22	16.92
5	-	-	-	-	17	13.08	-	-	-	-	9	6.92	-	-	1	0.77	8	6.15
6	-	-	-	-	7	5.38	-	-	-	-	9	6.92	-	-	-	-	4	3.08
7	1	0.77	-	-	1	0.77	-	-	-	-	3	2.31	-	-	-	-	3	2.31
8	-	-	-	-	1	0.77	-	-	-	-	2	1.54	-	-	-	-	1	0.77
Total	130	99.99	130	99.99	130	100.00	130	100.00	130	100.00	130	99.99	130	100.00	130	99.99	130	100.00
Mean	1.49		1.49		2.98		1.22		1.57		3.06		1.23		1.34		2.96	
SD	0.87		0.72		1.44		0.50		0.78		1.59		0.52		0.67		1.37	

Table 31: Distribution of Families by Place of Fuel Storage and Related Problems

Fuel storage places, problems	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Storage place</u>						
Any room/verandah	72	55.38	90	69.23	82	63.08
Backyard	100	76.92	28	21.54	40	30.77
Kitchen corner	37	28.46	15	11.54	94	72.31
<u>Problems in Storage</u>						
Lack of storage space	79	60.77	59	45.38	108	83.08
Absence of space to store during monsoon	74	56.92	30	23.08	122	93.85
Messy appearance	45	34.61	101	77.69	40	30.77
Danger of fire	7	5.38	2	1.54	30	23.08
Total exceeds cent per cent due to multiple response						

Table 32: Distribution of Families by Number of Rooms in their Houses

No. of Rooms	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
1	73	56.15	17	13.08	13	10.00	103	26.41
2	43	33.08	87	66.92	77	59.23	207	53.07
3	10	7.69	18	13.85	35	26.92	63	16.15
4	2	1.54	8	6.15	5	3.85	15	3.85
6	1	0.77	-	-	-	-	1	0.26
7	1	0.77	-	-	-	-	1	0.26
Total	130	100.00	130	100.00	130	100.00	390	100.00

Table 33: Distribution of Families by Average Monthly Consumption of Fuelwood

Avg.consumption	Kanjari N = 130 (4)		Vadadla N = 130 (28)		Sindhrot N = 130 (61)	
	N	%	N	%	N	%
10-25	-	-	5	3.85 (17.86)	4	3.08 (6.56)
26-50	1	0.77 (25.00)	7	5.38 (25.00)	25	19.23 (40.98)
51-75	1	0.77 (25.00)	2	1.54 (7.14)	11	8.46 (18.03)
76-100	1	0.77 (25.00)	8	6.15 (28.57)	18	13.85 (29.51)
101 & above	1	0.77 (25.00)	6	4.61 (21.43)	3	2.31 (4.92)
Total	4	3.08 (100.00)	28	21.53 (100.00)	61	46.93 (100.00)
Mean	80.00		75.79		63.75	
SD	36.51		51.14		41.60	
Avg.expenditure in Rs.	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
10-25	1	0.77 (25.00)	5	3.85 (17.86)	8	6.15 (13.11)
26-50	1	0.77 (25.00)	7	5.38 (25.00)	25	19.23 (40.98)
51-75	-	-	2	1.54 (7.14)	8	6.15 (13.11)
76-100	2	1.54 (50.00)	10	7.69 (35.71)	18	13.85 (29.57)
101 & above	-	-	4	3.08 (14.28)	2	6.15 (3.28)
Total	4	3.08 (100.00)	28	21.53 (99.99)	61	46.93 (99.99)
Mean	71.25		75.79		62.18	
SD	33.26		51.14		38.02	

Figures in parentheses indicate the percentage out of the relevant cases

Table 34: Distribution of Families by Average Monthly Consumption and Expenditure on Kerosene

Avg.consumption in lt.	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
5	128	98.46	67	51.54 (63.81)	71	54.61 (58.20)
6-10	2	1.54	28	21.54 (26.67)	46	35.38 (37.70)
11-15	-	-	6	4.61 (5.71)	5	3.85 (4.10)
16 & above	-	-	4	3.08 (3.81)	-	-
Total	130	100.00	105	80.77 (100.00)	122	93.84 (100.00)
Mean	1.94		5.34		5.05	
SD	0.96		4.71		2.63	
<u>Avg.Expenditure</u> <u>in Rs.</u>						
Upto 20	127	97.69	55	42.31 (52.38)	102	78.46 (83.61)
21-40	3	2.31	33	25.38 (31.43)	16	12.31 (13.11)
41-60	-	-	11	8.46 (10.48)	2	1.54 (1.64)
61-80	-	-	6	4.61 (5.71)	2	1.54 (1.64)
Total	130	100.00	105	80.76 (100.00)	122	93.85 (100.00)
Mean	7.75		23.81		16.86	
SD	4.16		17.84		10.79	

Figures in parentheses indicate the percentage out of the relevant cases

Table 35: Distribution of Families by Monthly Expenditure on Electricity

Monthly Expenditure in Rs.	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Upto 20	109	83.85 (84.50)	33	25.38 (33.67)	16	12.31 (19.05)
21-40	20	15.38 (15.50)	62	47.69 (63.27)	65	50.00 (77.38)
41-60	-	-	3	2.31 (3.06)	3	2.31 (3.57)
Total	129	99.23 (100.00)	98	75.38 (100.00)	84	64.62 (100.00)
Mean	15.94		24.95		28.00	
SD	5.47		8.71		8.09	

Figures in parentheses indicate the percentage out of the relevant cases

Table 36: Distribution of Families by Total Monthly Expenditure on All Purchased Fuels

Expenditure in Rs.	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
< 25	74	56.92	36	27.69	15	11.54
26-50	43	33.08	35	26.92	40	30.77
51-75	10	7.69	22	16.92	27	20.77
76-100	-	-	11	8.46	21	16.15
101-125	3	2.31	8	6.15	10	7.69
126-150	-	-	7	5.38	9	6.92
151 & above	-	-	11	8.46	8	6.15
Total	130	100.00	130	100.00	130	100.00
Mean	29.82		66.26		71.90	
SD	18.53		59.05		47.27	

Table 37: Distribution of Families by PRSPN 1991-92 Compared to 2 years ago and 5 years ago

Fuels	PRSPN to 2 yrs ago						PRSPN to 5 yrs ago					
	Kanjari		Vadadla		Sindhrot		Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%	N	%	N	%	N	%
<u>Fuelwood</u>												
Less	-	-	-	-	-	-	-	-	-	-	-	-
Some	89	68.46	25	19.23	14	10.77	89	68.46	25	19.23	9	6.92
More	41	31.54	105	80.77	116	89.23	41	31.54	105	80.77	121	93.08
Total	130	100.00	130	100.00	130	100.00	130	100.00	130	100.00	130	100.00
<u>Agrowaste</u>												
Less	-	-	-	-	-	-	-	-	-	-	-	-
Some	71	54.61	15	11.54	-	-	71	54.61	15	11.54	-	-
		(97.26)		(27.78)				(97.26)		(27.78)		
More	2	1.54	39	30.00	-	-	2	1.54	39	30.00		
		(2.76)		(72.22)				(2.73)		(72.22)		
Total	73	56.15	54	41.54	-	-	73	56.15	54	41.54		
		(99.99)		(100.00)				(99.99)		(100.00)		
<u>Dungcake</u>												
Less	-	-	-	-	-	-	-	-	-	-	-	-
Some	8	6.15	-	-	-	-	8	6.15	-	-	-	-
		(88.89)						(88.89)				
More	1	0.77	5	3.85	-	-	1	0.77	5	3.85	-	-
		(11.11)		(100.00)				(11.11)		(100.00)		
Total	9	6.92	5	3.85	-	-	9	6.92	5	3.85	-	-
		(100.00)		(100.00)				(100.00)		(100.00)		
<u>Kerosene</u>												
Less	-	-	-	-	-	-	-	-	-	-	-	-
Some	119	91.54	13	10.00	14	10.77	117	90.00	12	9.23	7	5.38
				(12.38)		(11.48)				(11.43)		(5.74)
More	11	8.46	92	70.77	108	83.08	13	10.00	93	71.54	115	88.46
				(87.62)		(82.52)				(88.57)		(94.26)
Total	130	100.00	105	80.77	122	93.85	130	100.00	105	80.77	122	93.84
				(100.00)		(100.00)				(100.00)		(100.00)

Figures in parentheses indicate the percentage out of the relevant cases

Table 38: Distribution of Families by PRACFS of Main Cook

PRACFS	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
3	2	1.54	1	0.77	-	-	3	0.77
4	121	93.08	13	10.00	4	3.08	138	35.38
5	7	5.38	30	23.08	8	6.15	45	11.54
6	-	-	86	66.15	75	57.69	161	41.28
7	-	-	-	-	43	33.08	43	11.03
Total	130	100.00	130	100.00	130	100.00	390	100.00
Mean	4.05		5.52		6.21		5.26	
SD	0.24		0.72		0.68		1.08	

Table 39: Distribution of Families by Perception on Availability of Cooking Fuel Sources

Sources	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
<u>Commercial fuels</u>								
Local market								
Kerosene	-	-	109	83.85	130	100.00	239	61.28
Wood	-	-	-	-	44	33.85	44	11.28
Market-nearby village								
Kerosene	130	100.00	130	100.00	127	97.69	387	99.23
Wood	7	5.38	123	94.61	127	97.69	257	65.89
Market-nearby town	130	100.00	128	98.46	130	100.00	388	99.49
<u>Non-commercial fuels</u>								
Forest/waste land-wood	130	100.00	103	79.23	121	93.08	354	90.77
Own/private farm-wood	129	99.23	125	96.15	128	98.46	382	97.95

Total exceeds cent per cent due to multiple response.

Table 40: Distribution of Families by PRAACFS of Main Cook

PRAACFS	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
1	5	3.85	16	12.31	7	5.38	28	7.18
2	99	76.15	52	40.00	42	32.31	193	49.49
3	24	18.46	43	33.08	43	33.08	110	28.20
4	1	0.77	13	10.00	30	23.08	44	11.79
5	1	0.77	6	4.61	7	5.38	14	3.08
6	-	-	-	-	1	0.77	1	0.26
Total	130	100.00	130	100.00	130	100.00	390	100.00
Mean	2.47		2.52		2.91		2.63	
SD	2.20		0.96		1.05		1.52	

Table 41: Distribution of Families by Accessibility to Available Cooking Fuel Sources

Sources	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
<u>Commercial fuels</u>								
Local market								
Kerosene	-	-	64	49.23	86	66.15	150	38.46
Wood	-	-	3	2.31	21	16.15	25	6.41
Market-nearby village								
Kerosene	123	94.61	77	59.23	16	12.31	216	55.38
Wood	3	2.31	19	14.61	37	28.46	58	14.87
Market-nearby town	29	22.31	27	20.77	77	59.23	133	34.10
<u>Non-commercial fuels</u>								
Forest/waste land-wood	87	66.92	84	64.61	92	70.77	263	67.43
Own/private farm-wood	43	33.08	53	40.77	49	37.69	145	37.18

Total exceeds cent per cent due to multiple response.

Table 42: Distribution of Families by Male and Female Members
Involved in Cooking Fuel Cycle

Activities	MALE						FEMALE					
	Kanjari		Vadadla		Sindhrot		Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%	N	%	N	%	N	%
Procurement of fuel	85	65.38	50	38.46	86	66.15	124	95.38	125	96.15	104	80.00
Transporting	103	79.23	74	56.92	99	76.15	123	94.61	124	95.38	102	78.46
Preparation of fuel	-	-	4	3.08	-	-	130	100.00	127	97.69	130	100.00
Cooking	-	-	4	3.08	-	-	130	100.00	127	97.69	130	100.00
Cleaning	-	-	4	3.08	-	-	130	100.00	127	97.69	130	100.00

Total exceeds cent per cent due to multiple response.

Table 43: Distribution of Families by Age to Start Participation
in Cooking Task at Chulha

Age	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Daughter</u>						
<10 yrs	3	2.31	-	-	12	9.23
10 -15 yrs	78	60.00	89	68.46	65	50.00
15 - 17yrs	-	-	1	0.77	2	1.54
NA	49	37.69	40	30.77	51	39.23
Total	130	100.00	130	100.00	130	100.00
<u>Maincook</u>						
< 10yrs	18	13.85	-	-	19	14.61
10-15 yrs	112	86.15	125	96.15	110	84.61
15-17 yrs	-	-	3	2.31	-	-
Total	130	100.00	130	100.00	130	99.99

Table 44: Distribution of Families by Meal Pattern

Meal pattern	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>No. of meals</u>						
Two meals & two tea	53	40.77	58	44.61	79	60.77
Two meals & one tea	40	30.77	42	32.31	24	18.46
Two meals & one tea & one tea snack	31	23.85	30	23.08	20	15.38
Two meals & one teasnack	5	3.85	-	-	5	3.85
Two meals	1	0.77	-	-	2	1.54
Total	130	100.01	130	100.00	130	100.00
<u>Type of meal</u>						
Simple	115	88.46	115	88.46	121	93.08
Somewhat complex	15	11.54	15	11.54	9	6.92
Total	130	100.00	130	100.00	130	100.00
<u>Cooking methods</u>						
Boiling	130	100.00	126	96.92	130	100.00
Roasting	130	100.00	130	100.00	130	100.00
Steaming	1	0.77	11	8.46	3	2.31

Table 45: Distribution of Families by their Daily Menu

Daily Menu	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
<u>Lunch</u>								
Rotla & sabji	130	100.00	125	96.15	130	100.00	385	98.72
Roti & sabji	-	-	1	0.77	-	-	1	0.26
Khichdi & kadhi	-	-	4	3.08	-	-	4	1.02
Total	130	100.00	130	100.00	130	100.00	390	100.00
<u>Dinner</u>								
Khichdi & Kadhi	130	100.00	126	96.92	130	100.00	386	98.97
Rotla & Sabji	-	-	4	3.08	-	-	4	1.02
Total	130	100.00	130	100.00	130	100.00	390	99.99

Table 46: Distribution of Families by Cooking Tasks Performed During Periods of the Day

Activities	Early Morning Hours						Late midmorning & early morning hours						Evening Hours					
	Kanjari		Vadadla		Sindhrot		Kanjari		Vadadla		Sindhrot		Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Cooking	10	7.69	41	31.54	16	12.31	123	94.61	120	92.31	124	95.38	130	100.00	130	100.00	130	100.00
Heating water	124	95.38	126	96.92	63	48.46	3	2.31	28	21.54	45	34.61	6	4.61	3	2.31	63	48.46
Making tea & snacks	28	21.54	33	25.38	20	15.38	-	-	-	-	-	-	-	-	-	-	-	-
Making tea alone	100	76.92	96	73.85	109	83.85	83	63.85	80	61.54	100	76.92	1	0.77	1	0.77	1	0.77
Preparing animalfeed	10	7.69	2	1.54	20	15.38	3	2.31	6	4.61	9	6.92	-	-	-	-	-	-
No cooking task	3	2.31	4	3.08	47	36.15	3	2.31	4	3.08	2	1.54	-	-	-	-	-	-

Total exceeds cent per cent due to multiple response.

Table 47: Distribution of Families by Location of TRC in Different Seasons

Location	Summer						Monsoon						Winter					
	Kanjari		Vadadla		Sindhrot		Kanjari		Vadadla		Sindhrot		Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Open yard	1	0.77	3	2.31	24	18.46	1	0.77	3	2.31	16	12.31	1	0.77	2	1.54	13	10.00
Verandah without roof & wall	1	0.77	2	1.54	-	-	1	0.77	2	1.54	-	-	1	0.77	2	1.54	-	-
Verandah with roof & no wall	-	-	1	0.77	5	3.85	-	-	1	0.77	5	3.85	-	-	1	0.77	5	3.85
Verandah with roof & dwarf wall	5	3.85	9	6.92	3	2.31	5	3.85	9	6.92	3	2.31	5	3.85	8	6.15	3	2.31
Within the room with dwarf wall	29	22.30	19	14.61	46	35.38	29	22.30	19	14.61	47	36.15	29	22.30	19	14.61	47	36.15
Within the room without dwarf wall	41	31.54	6	4.61	2	1.54	41	31.54	6	4.61	2	1.54	41	31.54	7	5.38	2	1.54
Kitchen without dwarf wall	48	36.92	83	63.85	27	20.77	48	36.92	83	63.85	28	21.54	48	36.92	84	64.61	28	21.54
Kitchen with dwarf wall	5	3.85	7	5.38	23	17.69	5	3.85	7	5.38	29	23.30	5	3.85	7	5.38	32	24.61
Total	130	100.00	130	99.99	130	100.00	130	100.00	130	-	130	100.00	130	100.00	130	99.98	130	100.00

Table 48: Distribution of Families by Type of Stove Used Prior to Installation of MC

Type of Stove	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Main</u>						
Open fire	1	0.77	-	-	-	-
Shielded TRC	129	99.23	130	100.00	130	100.00
Total	130	100.00	130	100.00	130	100.00
<u>Supplementary</u>						
<u>a) Secondary</u>						
Open fire	2	1.54	1	0.77	2	1.54
Shielded TRC	2	1.54	-	-	-	-
Kerosene stove	9	6.92	63	48.46	92	70.77
Electric stove	3	2.31	1	0.77	-	-
NA	114	87.69	65	50.00	36	27.69
Total	130	100.00	130	100.00	130	100.00
<u>Tertiary</u>						
Openfire	3	2.31	-	-	-	-
NA	127	97.69	130	100.00	130	100.00
Total	130	100.00	130	100.00	130	100.00

Table 49: Distribution of Families by Maker of TRC and Material Composition of TRC

Details	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Maker of TRC</u>						
Self (Main cook)	124	95.38	111	85.38	128	98.46
Other female family members	5	3.85	8	6.15	2	1.54
Females in neighbourhood	1	0.77	11	8.46	-	-
Total	130	99.99	130	99.99	130	100.00
<u>Material composition of TRC</u>						
Local materials	130	100.00	128	98.46	129	99.23
Local & commercial materials	-	-	2	1.54	1	0.77
Total	130	100.00	130	100.00	130	100.00

Table 50: Distribution of Families by Beliefs and Practices Regarding TRC

Beliefs & Practices	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Fuel feed opening should face</u>						
East	1	0.77	3	2.31	6	4.61
West	128	98.46	54	41.54	87	66.92
North east	-	-	1	0.77	4	3.08
South	-	-	-	-	3	2.31
North	-	-	-	-	2	1.54
None	1	0.77	72	55.38	28	21.54
<u>Practices</u>						
<u>Fire left idle in between cooking tasks</u>						
Sometimes	71	54.61	68	52.31	72	55.38
Always	14	10.77	16	12.31	38	29.23
Never	45	34.61	46	35.38	20	15.38
<u>Drying fuel for cooking</u>						
Sundried	91	70.00	101	77.69	121	93.08
Dried on chulha	1	0.77	3	2.31	3	2.31
No specific practice	38	29.23	26	20.00	6	4.61
<u>Materials used for kindling fire</u>						
Kerosene	21	16.15	11	8.46	50	38.46
Paper	22	16.92	57	43.85	8	6.15
Both	87	66.92	62	47.69	72	55.38
<u>Sitting positions</u>						
Infront of chulha	2	1.54	34	26.15	8	6.15
Left side of stove	121	93.08	60	46.15	82	63.08
Right side of stove	7	5.38	36	27.69	40	30.77

Table 51: Distribution of Families by Utility of TRC for Non Cooking Purposes

Uses	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
	(N=31)		(N=5)		(N=22)	
<u>Heat</u>						
Keeps away insects	30	23.08 (96.77)	5	3.85 (100.00)	20	15.38 (90.91)
Gives warmth	5	3.85 (16.13)	-	-	-	-
None	99	76.15	125	96.15	108	83.08
<u>Smoke</u>						
	(N=31)		(N=5)		(N=38)	
Preserves food	1	0.77 (3.22)	-	-	37	28.46 (97.37)
Keeps away insects	31	23.85 (100.00)	5	3.85 (100.00)	1	0.77 (2.63)
Preserve thatch roof	-	-	-	-	31	23.85 (81.58)
None	99	76.15	125	96.15	92	70.77

Figures in parentheses indicate the percentage out of the relevant cases

Table 52: Distribution of Families by Problems with TRC

Problems	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Too much smoke	118	90.77	77	59.23	122	93.85
Eye irritation	125	96.15	54	41.54	125	96.15
Soot on walls	110	84.61	45	34.61	123	94.61
Running nose	96	73.85	18	13.85	110	84.61
Soot on pots	82	63.08	15	11.54	123	94.61
Cough	77	59.23	5	3.85	56	43.08
More fuel consumption	8	6.15	12	9.23	102	78.46
Headaches	6	4.61	2	1.54	76	58.46
Giddiness	9	6.92	4	3.08	30	23.08
Constant attention	15	11.54	1	0.77	14	10.77
Difficulty in cleaning pots	5	3.85	-	-	21	16.15

Total exceeds cent per cent due to multiple response.

Table 53: Distribution of Families by Awareness of Improved Cooking Technologies

Awareness on ICT	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
Solar cooker	-	-	4	3.08	48	36.92	52	13.33
Biogas units	-	-	10	7.69	12	9.23	22	5.64
Improved chulha	-	-	-	-	12	9.23	12	3.08
Not heard of	130	100.00	117	90.00	71	54.61	318	81.54

Awareness of Utility

Solar Cooker	-	-	5	3.85	17	13.08	22	5.64
Bio Gas	-	-	-	-	-	-	16	4.10

Source of InformationRegarding ICTs

Sarpanch	-	-	1	0.77	13	10.00	16	4.10
Friends/relatives	-	-	10	7.69	38	29.23	48	12.31
Neighbours	-	-	-	-	19	14.61	19	4.87
Implementing agency	-	-	-	-	1	0.77	1	0.26
Newspaper/magazine	-	-	-	-	2	1.54	2	0.51

Table 54: Distribution of Families by Source of Information about MC

Source	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Relatives	1	0.77	-	-	10	7.69
Govt.sponsoring agencies	-	-	-	-	117	90.00
Neighbours	3	2.31	-	-	3	2.31
Govt.office network	-	-	130	100.00	-	-
Vol.agencies	126	96.92	-	-	-	-
Total	130	100.00	130	100.00	130	100.00

Table 55: Distribution of Families by Factors Motivated to Become Beneficiaries of NPIC

Reasons	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Smokelessness	117	90.00	122	93.85	74	56.92
Reduction in drudgery	101	77.69	105	80.77	21	16.15
Novelty	54	41.54	49	37.69	106	81.54
Fuel saving aspect	71	54.61	106	81.54	31	23.85
Material of MC	1	0.77	32	24.61	34	26.15
Effectiveness of MC	1	0.77	1	0.77	45	34.61
Subsidy/low cost	1	0.77	12	9.23	54	41.54
Others interest in MC	28	21.54	33	25.38	54	41.54
To be one of the first to own	5	3.85	5	3.85	43	33.08

Total exceeds cent per cent due to multiple response.

Table 56: Distribution of Families by Decision Maker to Volunteer to Own MC

Decision maker	Kanajari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Husband & self	78	60.00	97	74.61	94	72.31
Husband	24	18.46	17	13.08	17	13.08
Self	27	20.77	10	7.69	6	4.61
Son	-	-	2	1.54	7	5.38
Father	1	0.77	2	1.54	5	3.85
Brother	-	-	2	1.54	1	0.77
Total	130	100.00	130	100.00	130	100.00

Table 57: Distribution of Families by Reasons for Delay in Insatalltion

Reasons	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Failure of chulha maker to turn up	42	32.31	16	12.31	22	16.92
Raw materials not ready	21	16.15	30	23.08	13	10.00
Non availability of anyone at residence	13	10.00	16	12.31	5	3.85
Lack of beneficiary co-operation	-	-	-	-	1	0.77
NA	54	41.54	68	52.30	89	68.46
Total	130	100.00	130	100.00	130	100.00

Table 58: Distribution of Families by Location of MC

Location	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Open verandah	1	0.77	-	-	-	-
Verandah with roof & parapet wall	7	5.38	3	2.31	-	-
Enclosed area	122	93.85	127	97.69	130	100.00
Total	130	100.00	130	100.00	130	100.00

Table 59: Distribution of Families by Changes Made in Cooking and Fuel Management Practices

Changes	Kanjari		Vadadla		Sindhrot	
	N = 87		N = 105		N = 127	
	N	%	N	%	N	%
<u>Cooking Management</u>						
Use 2 potholes simultaneously	72	55.38 (82.76)	104	80.00 (99.05)	126	96.92 (99.21)
Less attention	48	36.92 (55.17)	8	6.15 (7.62)	19	14.61 (14.96)
Less stirring	5	3.85 (5.75)	1	0.77 (0.95)	7	5.38 (5.51)
Makes smaller rotlas	11	8.46 (12.64)	2	1.54 (1.90)	-	-
Reduce cooking medium	1	0.77 (1.15)	-	-	1	0.77 (0.79)
No change	43	33.08	25	19.23	3	2.31
<u>Fuel Management</u>						
	N = 61		N = 19		N = 98	
Less blowing to keep fire burning	59	45.38 (96.72)	18	13.85 (94.74)	41	31.54 (41.84)
Use dry fuel in small pieces	18	13.85 (29.51)	5	3.85 (26.32)	22	16.92 (22.45)
Feed less fuel	1	0.77 (1.64)	-	-	39	30.00 (39.79)
Reduce burning rate once BP reached	1	0.77 (1.64)	-	-	5	3.85 (5.10)
Avoid fuel burning outside the firebox	-	-	1	0.77 (5.26)	-	-
No change	69	53.08	111	85.38	32	24.61

Figures in parentheses indicate the percentage out of the relevant cases

Table 60: Distribution of Families by Changes made in MC

Changes	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Feeding chamber widened	14	10.77 (43.75)	1	0.77 (100.00)	5	3.85 (83.33)
Chimney removed & kept aside	23	17.69 (71.88)	-	-	-	-
Nails fixed on interior side	1	0.77 (3.12)	-	-	-	-
Mounds made on top surface	1	0.77 (3.12)	-	-	-	-
2nd pothole changed to firebox	1	0.77 (3.12)	-	-	-	-
2nd pothole filled with mud	1	0.77 (3.12)	-	-	-	-
Converted into TRC	-	-	-	-	1	0.77 (16.67)
NA	98	75.38	129	99.23	124	95.38

Figures in parentheses indicate the percentage out of the relevant case

Table 61: Distribution of Families by Frequency of Cleaning Chimney Pipe

Frequency	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Never	126	96.92	111	85.38	85	65.38
Once a month	2	1.54	-	-	2	1.54
Once in two months	2	1.54	16	12.31	1	0.77
Once in 3-5 months	-	-	2	1.54	9	6.92
Once in 6-12 months	-	-	1	0.77	33	25.38
Total	130	100.00	130	100.00	130	99.99

Table 62: Distribution of Families by Frequency of Repair and Maintenance of Potholes

Frequency	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Once in a month	35	26.92	22	16.92	4	3.08
Once in 2 months	18	13.85	13	10.00	3	2.31
Once in 3 months	5	3.85	4	3.08	7	5.38
Once in 4 months	6	4.61	9	6.92	50	38.46

Once in 6 months	1	0.77	4	3.08	30	23.08
When crack appears	1	0.77	-	-	12	9.23
NA	64	49.23	78	60.00	24	18.46
Total	130	100.00	130	100.00	130	100.00

Table 63: Distribution of Families by Follow-up

Visits	1st month		2-3rd month		4-6th month		After 6 months	
	N	%	N	%	N	%	N	%
<u>Kanjari</u>								
No visit	48	36.92	74	56.92	126	96.92	130	100.00
Once	65	50.00	56	43.08	4	3.08	-	-
Twice	15	11.54	-	-	-	-	-	-
> 2 times	2	1.54	-	-	-	-	-	-
Total	130	100.00	130	100.00	130	100.00	130	100.00
<u>Vadadla</u>								
No visit	122	93.85	127	97.69	129	99.23	130	100.00
Once	7	5.38	3	2.31	1	0.77	-	-
Twice	1	0.77	-	-	-	-	-	-
> 2 times	-	-	-	-	-	-	-	-
Total	130	100.00	130	100.00	130	100.00	130	100.00
<u>Sindhrot</u>								
No visit	23	17.69	6	4.61	6	4.61	11	8.46
Once	103	79.23	120	92.31	121	93.08	118	90.77
Twice	4	3.08	1	0.77	3	2.31	1	0.77
> 2 times	-	-	3	2.31	-	-	-	-
Total	130	100.00	130	100.00	130	100.00	130	100.00

Table 64: Distribution of Families by Reasons for Satisfaction in Using MC

Reasons	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Smokelessness	51	39.23	31	23.85	93	71.54
Fuel saving	13	10.00	33	25.38	84	64.61
Ease in tending fire	29	22.31	20	15.38	60	46.15
Time saving	5	3.85	36	27.69	61	46.92
Comfort in cooking	30	23.08	7	5.38	40	30.77
Cleaner walls	2	1.54	1	0.77	26	20.00
Cleaner pots	1	0.77	-	-	15	11.54
Less heat around stove	8	6.15	3	2.31	5	3.85
Less accident hazard	2	1.54	-	-	4	3.08
NA	79	60.77	83	63.85	27	20.77

Table 65: Distribution of Families by Reasons for Dissatisfaction

Reasons	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Small firebox seat	44	33.85 (63.77)	45	34.61 (65.22)	4	3.08 (20.00)
More fuel consumption	32	24.61 (46.38)	35	26.92 (50.72)	4	3.08 (20.00)
Backflow & smoke in kitchen	19	14.61 (27.54)	16	12.31 (23.19)	3	2.31 (15.00)
Inconvenient to operate	12	9.23 (17.39)	16	12.31 (23.19)	7	5.38 (35.00)
Second pot fails to cook	14	10.77 (20.29)	15	11.54 (21.74)	1	0.77 (5.00)
Inappropriateness of MC	6	4.61 (8.69)	15	11.54 (21.74)	4	3.08 (20.00)
Small fuelfeed opening	1	0.77 (1.45)	11	8.46 (15.94)	-	-
No saving in time	3	2.31 (4.35)	7	5.38 (10.14)	-	-
Insufficient knowledge to operate MC	5	3.85 (7.25)	3	2.31 (4.35)	-	-
Large pothole	-	-	1	0.77 (1.45)	1	0.77 (5.00)
Breakage	-	-	1	0.77 (1.45)	1	0.77 (5.00)
Water leakage	-	-	-	-	1	0.77 (5.00)
NA	61	46.92	61	46.92	110	84.62

Figures in parentheses indicate the percentage out of the relevant cases

Table 66: Distribution of Families by Utilization of Time Saved due to MC

Use of time saved	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Attend to other work	1	0.77 (20.00)	20	15.38 (55.56)	44	33.85 (72.13)
Attending to livestock	3	2.31 (60.00)	2	1.54 (5.56)	2	1.54 (3.28)
Participation in subsistence farming	2	1.54 (40.00)	10	7.69 (27.78)	5	3.85 (8.20)
More wage employment	-	-	-	-	1	0.77 (1.64)

Attend child care	1	0.77 (20.00)	1	0.77 (2.78)	6	4.61 (9.84)
More leisure and rest	4	3.08 (80.00)	31	23.85 (86.11)	31	23.85 (50.82)

Figures in parentheses indicate the percentage out of the relevant cases

Table 67: Distribution of Families by Proper Dimensions of MC

Dimensions	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Fuel feed inlet	20	15.38	130	100.00	130	100.00
1st pothole	20	15.38	130	100.00	130	100.00
2nd pothole	20	15.38	130	100.00	130	100.00
1st tunnel	24	18.46	130	100.00	130	100.00
2nd tunnel	24	18.46	130	100.00	130	100.00
AC cowl	130	100.00	-	-	-	-
Ceramic cowl	-	-	130	100.00	130	100.00
Clamping	1	0.77	3	2.31	130	100.00
Chimney sealing	1	0.77	8	6.15	130	100.00
Ash hole	129	99.23	128	98.46	130	100.00
All parts clamping & sealing	1	0.77	3	2.31	130	100.00
All parts except clamping & sealing						
Chimney thro' roof	130	100.00	127	97.69	129	99.23
Chimney thro' wall	-	-	3	2.31	1	0.77

Table 68: Distribution of Families by LQIMC

LQIMC	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
12-16	47	36.15	-	-	-	-	47	12.05
17-20	83	63.85	1	0.77	-	-	84	21.54
21-24	-	-	129	99.23	130	98.46	259	66.41
Total	130	100.00	130	100.00	130	100.00	390	100.00
Mean	15.64		21.05		23.02		19.90	
SD	1.90		0.43		0.22		3.32	

Table 69: Distribution of Families by Type and Nature of Training Given

Training	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Type</u>						
Lecture	-	-	-	-	1	0.77
Demonstration	-	-	3	2.31	57	43.85
Both	-	-	-	-	44	33.85
None	130	100.00	127	97.69	28	21.53
Total	130	100.00	130	100.00	130	100.00
<u>Nature</u>						
One for entire village	-	-	3	2.31	-	-
One for a group of families	-	-	-	-	36	27.69
>one for a group of families	-	-	-	-	61	46.92
Individually as & when requested	-	-	-	-	5	3.85
None	130	100.00	127	97.69	28	21.53
Total	130	100.00	130	100.00	130	99.99

Table 70: Distribution of Families by EPMCNPIC

EPMCNPIC	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Camps attended</u>						
Not at all	-	-	-	-	-	-
Partially	-	-	3	2.31	25	19.23
Throughout	-	-	-	-	65	50.00
Total	130	100.00	130	100.00	130	100.00
<u>No. of training camps</u>						
None	130	100.00	127	97.69	40	30.77
Some	-	-	-	-	72	55.38
All	-	-	3	2.31	18	13.85
Total	130	100.00	130	100.00	130	100.00
<u>Prior to/after installation of MC</u>						
None	130	100.00	127	97.69	40	30.77

Either before or after	-	-	3	2.31	72	55.38
Both before and after	-	-	-	-	18	13.85
Total	130	100.00	130	100.00	130	100.00

Presence during
installation of MC

Not present	3	2.31	3	2.31	2	1.54
Partially present	91	70.00	89	68.46	86	66.15
Throughout	36	27.69	38	29.23	42	32.31
Total	130	100.00	130	100.00	130	100.00

Contribution of labour

No contribution	9	6.92	14	10.77	4	3.08
Reluctantly	5	3.85	9	6.92	10	7.69
Willingly	116	89.23	107	82.31	116	89.23
Total	130	100.00	130	100.00	130	100.00

Table 71: Distribution of Families by Exposure to UECs

Exposure to UECs	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>UECs attended</u>						
None	130	100.00	127	97.69	28	21.53
Either before or after MC installation	-	-	3	2.31	78	60.00
Both before & after MC installation	-	-	-	-	24	18.46
Total	130	100.00	130	100.00	130	99.99
<u>Participant</u>						
Cooks/women	-	-	3	2.31	87	66.92
Men	-	-	-	-	2	1.54
Female children	-	-	2	1.54	21	16.54
Male children	-	-	2	1.54	8	6.15
<u>No. of UECs</u>						
None	130	100.00	127	97.69	28	21.54
One	-	-	3	2.31	48	36.92
Two	-	-	-	-	36	27.69
Three	-	-	-	-	18	13.85
Total	130	100.00	130	100.00	130	100.00

Table 72: Distribution of Families by Their Presence and Contribution Towards Installation of MC

Details	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<u>Presence</u>						
Nobody	-	-	1	0.77	-	-
Any member other than cook	3	2.31	2	1.54	2	1.54
Only main Cook	36	27.69	38	29.23	42	32.31
Main cook & other member/s	91	70.00	89	68.46	86	66.15
Total	130	100.00	130	100.00	130	100.00
<u>Material contribution</u>						
None	-	-	-	-	1	0.77
Mud & dung	128	98.46	114	87.69	119	91.54
Brick, mud & dung	2	1.54	16	12.31	10	7.69
Total	130	100.00	130	100.00	130	100.00
<u>Monetary contribution (Rs.)</u>						
None	1	0.77	-	-	2	1.54
Five	4	3.08	-	-	1	0.77
Ten	125	96.15	7	5.38	-	-
Fifteen	-	-	123	94.61	127	97.69
Total	130	100.00	130	99.99	130	100.00
<u>Labour contribution</u>						
No contribution	9	6.92	14	10.77	4	3.08
Family's with requests	5	3.85	9	6.92	10	7.69
Only cook's voluntarily	53	40.77	62	47.69	82	63.08
Cook's & family's voluntarily	63	48.46	45	34.61	34	26.15
Total	130	100.00	130	99.99	130	100.00

Table 73: Distribution of Families by EPFNPIC and EPMCNPIC

EPFNPIC	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
7-9	5	3.85	2	1.54	-	-	7	1.79
10-13	66	50.77	48	36.92	18	13.85	132	33.85
14-17	59	45.38	71	54.61	15	11.54	145	37.18

18-21	-	-	4	3.08	32	24.61	36	9.23
22 or more	-	-	5	3.85	65	50.00	70	17.95
Total	130	100.00	130	100.00	130	100.00	390	100.00
Mean		14.86		16.08		20.77		17.24
SD		1.40		2.10		3.68		3.62

EPMCNPIC

5-8	81	62.31	50	38.46	2	1.54	133	34.73
9-12	49	37.69	53	40.77	9	6.92	111	28.46
13-15	-	-	27	20.77	119	91.54	146	37.43
Total	130	100.00	130	100.00	130	100.00	390	100.00
Mean		7.97		9.35		14.87		10.73
SD		0.28		1.26		3.94		3.82

Table 74: Distribution of Families by Replacement of TRC by MC

Replacement	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
TRC not at all replaced	67	51.54	81	62.31	24	18.46
TRC replaced by MC to some extent	5	3.85	14	10.77	1	0.77
Equal use of both TRC & MC	-	-	3	2.31	4	3.08
TRC replaced to a great extent/total replacement	58	44.61	32	24.61	101	77.69
Total	130	100.00	130	100.00	130	100.00

Table 75: Distribution of Families by Comparative Use of TRC in Pre and Post Installation of MC

Use of TRC	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Increased use	-	-	-	-	-	-
Same	67	51.54	81	62.31	24	18.46
Reduced use	8	6.15	17	13.08	9	6.92
Not in use at all	55	43.85	32	24.61	97	74.61
Total	130	100.00	130	100.00	130	99.99

Table 76: Distribution of Families by Variety in Cookstoves Used During Post Installation of MC

Stoves	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Only MC	55	43.85	32	24.61	97	74.61
MC with one other stove	8	6.15	5	3.85	4	3.08
MC with two other stoves	5	3.85	3	2.32	2	1.54
No MC at all	67	51.54	81	62.31	24	18.46
Total	130	99.99	130	99.99	130	99.99

Table 77: Distribution of Families by Extent of Use of MC

Extent of Use of MC (per cent)	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
<-25	66	50.77	80	61.54	24	18.46
25-50	5	3.85	15	11.54	1	0.77
51-75	2	1.54	18	13.85	19	14.61
76-100	57	43.85	17	13.08	86	66.15
Total	130	100.00	130	100.00	130	99.99

Table 78: Distribution of Families by Period of Continued Use of MC

Period of use (months)	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
< 3	22	16.92	39	30.00	7	5.38
3 to <6	29	22.31	25	19.23	10	7.69
6 - < 9	79	60.77	63	48.46	4	3.08
> 9	-	-	3	2.31	109	83.85
Total	130	100.00	130	100.00	130	100.00

Table 79: Distribution of Families by Functional Status of MC

Status of MC	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
Regular use	58	44.61	32	24.61	94	72.31	184	47.18
Occasionally used	6	4.61	17	13.08	12	9.23	33	8.46
Not in use but present	6	4.61	21	16.15	3	2.31	30	7.69
Demolished	60	46.15	60	46.15	21	16.15	143	36.67
Total	130	99.98	130	99.99	130	100.00	390	100.00

Table 80: Distribution of Families by Reasons for Not Using MC

Reasons	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
<u>Before Monsoon</u>	N=21		N=54		N=15		N=90	
Chulha is broken	2	1.54 (9.52)	14	10.77 (25.93)	10	7.69 (66.67)	26	6.67 (28.89)
Chulha is small	1	0.77 (4.76)	3	2.31 (5.56)	-	-	4	1.02 (4.44)
Consumes more fuel	7	5.38 (33.33)	15	11.54 (27.78)	1	0.77 (6.67)	23	5.89 (25.56)
Rotla is not cooked well	14	10.77 (66.67)	20	15.38 (37.04)	2	1.54 (13.33)	36	9.23 (40.00)
Backflow & smoke is there	6	4.61 (28.57)	8	6.15 (14.81)	-	-	14	3.59 (15.56)
Opening is small	6	4.61 (28.57)	11	8.46 (20.37)	3	2.31 (20.00)	20	5.13 (22.22)
<u>During Monsoon</u>	(N=42)		(N=16)		(N=3)		(N=61)	
Washed away in rain	7	5.38 (16.67)	-	-	1	0.77 (33.33)	8	2.05 (13.11)
Space needed for other things	3	2.31 (14.29)	-	-	3	2.31 (100.00)	3	0.77 (4.92)
Pipe removed	2	1.54 (9.52)	-	-	2	1.54 (66.67)	2	0.51 (3.28)
Water leakage	31	23.85 (73.81)	16	12.31 (100.00)	3	2.31 (100.00)	50	12.82 (81.97)
<u>After Monsoon</u>	(N=3)		(N=11)		(N=6)		(N=20)	
Liner is broken	-	-	8	6.15	1	0.77	10	2.56

Pipe is broken	3	2.31	1	0.77	1	0.77	4	1.02
	(100.00)		(9.09)		(16.67)		(20.00)	
Constructing house	-	-	-	-	2	1.54	2	0.51
					(33.33)		(10.00)	
Gas connection came	-	-	-	-	2	1.54	2	0.51
					(33.33)		(10.00)	
Pipe is clogged	-	-	2	1.54	-	-	20	5.13
			(18.18)				(100.00)	

Figures in parenthesis denote the percentage out of the relevant cases.

Table 81: Distribution of Families by Measures Taken/to be taken if Liners Broke

Measures taken	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Approach the chulha maker	-	-	-	-	3	2.31
Buy new liner if available	-	-	45	34.61	12	9.23
Repair MC and use it	-	-	-	-	79	60.77
Switch over to TRC	130	100.00	85	65.38	36	27.69
Total	130	100.00	130	99.99	130	100.00

Table 82: Distribution of Families by Recommending MC to Others

Recommending	Kanjari		Vadadla		Sindhrot	
	N	%	N	%	N	%
Mostly	18	13.85	5	3.85	81	62.31
Sometimes	60	46.15	37	28.46	29	22.31
Rarely	30	23.08	33	25.38	12	9.23
Never	22	16.92	55	42.31	8	6.15
Total	130	100.00	130	100.00	130	100.00

Table 83 : Distribution of Families by EAMC

EAMC	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
8-13	65	50.00	70	53.85	19	14.61	154	39.49
14-19	1	0.77	9	6.92	5	3.85	15	3.85
20-25	6	4.61	15	11.54	6	4.61	27	6.92

26-32	58	44.61	36	27.69	100	76.92	194	49.74
Total	130	99.99	130	100.00	130	99.99	390	100.00
Mean	18.57		17.15		24.84		20.18	
SD	7.85		7.48		6.38		7.98	

Table 84: Distribution families by PCBR

PCBR	Kanjari		Vadadla		Sindhrot		Total	
	N	%	N	%	N	%	N	%
-1 to -.76	4	3.08	3	2.31	-	-	7	1.79
-.75 to -.51	37	28.46	11	8.46	3	2.31	51	13.08
-.50 to -.26	24	18.46	30	23.08	8	6.15	62	15.89
-.25 to 0	18	13.85	22	16.92	8	6.15	48	12.31
0.01 to .25	25	19.23	17	13.08	8	6.15	50	12.82
0.26 to .50	14	10.77	9	6.92	18	13.85	41	10.51
0.51 to .75	5	3.85	19	14.61	44	33.85	68	17.43
0.76 to 1	1	0.77	17	13.08	41	31.54	59	15.12
Total	130	100.00	130	100.00	130	100.00	130	100.00
Mean	-.19		.09		.51		.14	
SD	.42		.52		.40		.53	