

VILLAGE DYNAMICS IN SOUTH ASIA (VDSA)
ICRISAT-NCAP (India)-IRRI (Bangladesh)
General Endowment Schedule (GES)

Identifier

Country (#)	State (# #)	Year (# #)	Village code (#)	Survey Household No. (### #)
I		10		

Census Household No.(### #)	
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Household Information:

Village: _____ Tehsil/Block: _____

District: _____ State: _____ Country: **INDIA**Household Number at present: _____ Original VLS HH No.^a: _____Landholding Class at present^a: _____ Original VLS Class^b: _____

Name of the head/respondent: _____

Son/spouse/daughter of: _____

Caste: _____ Sub-caste: _____ Caste group^c: _____ Religion: _____

Household GPS ID: Longitude(N): _____ Latitude (E): _____ Altitude: _____

How did you become head?^d: _____ When did you become head: _____**How much land and other assets did you receive when you became head?**

Rainfed/Dry (Ac): _____ Rs/ac: _____ Irrigable (Ac): _____ Rs/ac: _____

Value of residential house/plot (Rs): _____ No. of animals (No): _____

Value of animals (Rs): _____ Value of major farm implements (Rs): _____

Value of other assets including gold and silver (Value in Rs): _____

Cash received (Rs): _____ Loan amount received as his/her share (Rs): _____

Has the household immigrated to this village? (Yes/No): _____

If yes, Where did you come from (Place): _____ Distance (km): _____

Year: _____ Main reason for immigration: _____

Date of interview: _____ Name of the Investigator: _____

Date of checking: _____ Name of the Supervisor: _____

^a Applicable only to twelve villages where NCAP conducted VLS studies in India in July 2010.^b LB= Landless, SM= Small, MD= Medium, LA= Large farm size class based on own land holding.^c FC= Forward caste, OBC= Other Backward caste, SBC/SEBC/EBC=Special Backward caste/Socially & Economically Backward Caste/ Extremely Backward Caste SC= Scheduled caste, ST= Scheduled tribe, NT= Nomadic tribe.^d Family division=1, Death of father=2, Death of spouse=3, Others=4 (Specify:_____)

A. Household Member Schedule (VDSA – C)

Sl. No	Name	Change in status ^a	Relation with head ^b	Gender Male Female	Age	Member ID		Spouse of		Child of		Marital Status ^d	Year of marriage	Education level ^e	No. of years studied	Year of stopping education	Reasons for stopping education ^f
						Original VLS	Present VLS	Male ID	Female ID	Male ID	Female ID						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1			1														
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	

^a **Status Codes:** 0=Present in HH, 1=Left the HH due to marriage, 2=Left the HH due to separation (family division), 3=Death, 4=Left the HH due to other reason _____
 5=Joined the HH due to birth, 6=Joined the HH due to marriage, 7=Rejoined the family, 8=Joined the HH due to other reason _____.

^b **Note:** For codes 1 to 4, do not collect any further information.

^b Relation with head: 1=Head/Self, 2=Father, 3=Mother, 4=Spouse, 5=Son, 6=Daughter, 7=Son-in-law, 8=Daughter-in-law, 9=Grand son, 10=Grand daughter, 11=Brother, 12=Sister, 13=Brother's wife, 14=Brother's children, 15=Others (specify: _____).

^c Applicable only to twelve villages where NCAP conducted VLS studies in India in July 2010.

^d 1=Married, 2=Unmarried, 3=Widow/Widower, 4=Diversed, 5=Separated, 6=Others (specify: _____)

^e 0=Illiterate, 1=Primary(1-4th std), 2=Middle(5-7th std), 3=High school(8-10th std), 4=Inter(11-12th std), 5=Diploma, 6=Graduation, 7=Post-graduation, 8=Technical degree (BE, MBBS, B.Sc.Agri.), 9=Double degree (Example, BA, B.Ed), 10=PhD, 11=Others (Specify: _____)

^f 1=Not affordable, 2=Educational institutions are far-away, 3=Enough to get employment, 4=Not interested, 5=To support the family in farm work, 6=Enough to get minimum knowledge, 7= To support the family in domestic work, 8- To support the family through non-farm earning, 9=Others (Specify: _____)

Household details contd.,.....

Sl. No	Main occupation ^g	Subsidiary occupation ^g	Degree of ability ^h	Living with family/ outside	If living outside				If member of any organization	Body mass Index (Up to two decimal places)		
					Place	Distance (km)	Frequency of visits ⁱ	Purpose		Name of the organization	Height (cms)	Weight (kg)
1	19	20	21	22	23	24	25	26	27	28	29	30
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												

^g 1=Farming, 2=Farm labour, 3=Non-farm labour, 4=Regular farm servant, 5=Livestock, 6=Business, 7=Caste occupation, 8=Salaried job, 9=Education, 10=Domestic work, 11=No work (Child/Old age/Physically or mentally handicapped), 12=Others (Specify: _____)

^h 1=Can do any farm, domestic, any other physical work, 2=Can do only farm work, 3=Can do only domestic work, 4=Can do only light farm work, 5=Can do only light domestic work, 6=Cannot do any work (due to young/old age or physical/mental disability).

ⁱ 1=More than once in a month, 2=Once in a month, 3=Quarterly, 4=Half yearly, 5=Yearly, 6-In more than a year.

B. Landholding information as on 1st July (VDSA – D)

Sl. No	Plot name	Plot code	Change in the status ^a	Owner-ship ^b	Who owns this plot (Member ID code)	Total area (Ac)	Irrigable area (Ac)	Distance from house (Km)	Source of irrigation ^c		Distance from irrigation source (km)	Soil type ^e	Avg. Soil depth (cms)	Water table depth (feet)
									Source 1	Source 2				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														

^a **Status Codes:** 0=Presently operating, 1=Sold, 2=Given out as gift, 3=Given out due to family division, 4=Leased-in land given back to land owner, 5=Part of the plot sold/gifted out/given to family members, 6=Leased-out, 7=Loss of plot due to other reasons (specify: _____); 8=Purchased, 9=Received as gift, 10=Received due to family division, 11=Leased-out land taken back from the tenant, 12=Leased-in, 13=Received plot due to other reasons (specify: _____).

Note: For codes 1 to 4, do not collect any further information.

^b OW=Own land, SI=Leased-in on crop share, LI=Leased-in on fixed rent, SO=Leased-out on crop share, LO=Leased out on fixed rent, MI=Mortgaged-in, MO=Mortgaged-out

^c 1=Open well, 2=Borewell, 3=Tank/pond, 4=Canal, 5=River, 6=Others (Specify: _____)

^d Even if the plot does not have any own irrigation source, take the distance of nearest available irrigation source.

^e 1=Red, 2=Shallow black/Murum, 3=Medium Black, 4=Deep Black, 5=Sandy, 6=Loam, 7=Sandy loam, 8=Clay, 9=Clay loam, 10=Problematic soils (Saline/alkaline,etc.), 11=Others (specify: _____)

(Land holdings contd.,)

Sl. No.	Soil fertility ^f	Slope ^g	Soil degradation ^h	Location inside/outside the village	Bunding Yes/No	Type of bund ⁱ	No. of trees (Fruit, timber & other)	How much do you get if you sell ^j (Rs/Ac)	Land revenue ^j (Rs/Ac/year)	Land rent ^k (Rs/Ac/year)	Remarks
1	16	17	18	19	20	21	22	23	24	25	26
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

^f Soil fertility: 1=Very poor, 2=Poor, 3=Good, 4=Very good

^g Slope: 1=Leveled 0-1%, 2=Slight slope 1-3%, 3=Medium slope 3-10%, 4=High slope >10%

^h Soil degradation: 1=No problem, 2=Soil erosion, 3=Nutrient depletion, 4=Water logging, 5=Salinity/Acidity, 6=Others (Specify: _____)

ⁱ Bunding: 1=Bunds within field, 2=Soil conservation bunds, 3=Property bunds around the plot, 4=Others (Specify: _____)

^j To be collected for own and leased/shared-out plots. Write NA for leased/shared-in plots.

^k For leased/shared-in and leased/shared-out plots, record the actual rent paid/received. For own land, record the imputed rental value.

C. Animal Inventory of the household as on 1st July (VDSA – E)

Type code	Livestock type	Total Number	Mode of acquisition				How much do you get if you sell (Rs.)
			On farm rearing (no.)	Purchase (no.)	Received as gift (no.)	Shared rearing	
1	2	3	4	5	6	7	8
1	Bullock (Local)						
2	Bullock (Improved)						
3	He buffalo (Local)						
4	He buffalo (Improved)						
5	She buffalo (Local)						
6	She buffalo (Improved)						
7	Cow (Local)						
8	Cow (Improved)						
9	Cow (Cross-bred)						
10	Young stock cattle (<3 year)						
11	Young stock buffalo (<3year)						
12	Goats						
13	Sheep						
14	Poultry						
15	Pigs						
16	Camel						
17	Donkey						
18	Horses						
19	Other (specify_____)						
19	Other (specify_____)						
19	Other (specify_____)						

D. Farm Implements owned by the household as on 1st July (VDSA – F)

Item	Number	% Share	Horse-power	How much do you get if you sell (Rs) ^a
1	2	3	4	5
1. Desi plough (Iron/wood)				
2. Modern plough				
3. Blade harrow				
4. Blade hoe				
5. Seed drill (Local/Modern)				
6. Sprinkler set				
7. Drip irrigation				
8. Manual sprayers/dusters				
9. Power sprayer/duster				
10. Chaff cutter				
11. Sugarcane crusher				
12. Rice huller				
13. Flour mill/grinding				
14. Power-tiller				
15. Tractor (with trolley/implements)				
16. Submersible pump (1)				
16. Submersible pump (2)				
16. Submersible pump (3)				
17. Bullock cart				
18. Truck				
19. Other Minor implements				
20. Mechanical Thresher				
21. Electric motor (1)				
21. Electric motor (2)				
21. Electric motor (3)				
22. Diesel pump sets (1)				
22. Diesel pump sets (2)				
22. Diesel pump sets (3)				
23. Pipeline (feet)				
24. Combined harvester-cum-thresher				
25. Implements used for caste occupation				
26. Implements used for handy- craft				
27. Groundnut opener				
28. Bore-well/ Open-well				
29.				

^a Report value of the implement as per the stake in the ownership.

E. BUILDING & CONSUMER DURABLES AS ON 1st JULY (VDSA – G)

Item code	Item	Facilities (number)	How much do you get if you sell (Rs) *	Who owns the resources (Member ID)
1	2	3	4	5
1	Residential house:			
2	If own, then record area of courtyard (sq. feet)			
3	Type of house (code)			
4	Toilet (Yes-1, No-2)			
5	Bathroom (Yes-1, No-2)			
6	Electrified (Yes-1, No-2)			
7	Tap water connection (Yes-1, No-2)			
8	Drinking water well (Yes-1, No-2)			
9	Cooking gas (LPG) (Yes-1, No-2)			
10	Cable connection (Yes-1, No-2)			
11	Internet connection (Yes-1, No-2)			
12	Cattle shed			
13	Farm house			
14	Residential plots			
15	Storage structures			
16	Television			
17	Radios			
18	Telephone			
19	Mobile phone			
20	Cooking utensils			
21	Furniture			
22	Tape recorder/CD player (Audio)			
23	VCD/DVD/VCR			
24	Camera			
25	Watches			
26	Sewing machine			
27	Fans			
28	Motor cycle/scooter			
29	Auto rickshaw			
30	Car			
31	Jeep			
32	Computer			
33	Fridge			
34	Gold & silver			
35	Washing machine			
36	Grinders			
37	Air condition			
38	Cooler			
39	Bicycle			
40	Rickshaw			
41	Others (specify _____)			

Type of house (code): Strong walls and RCC roof-1, Strong walls and other type of roof-2, Mud walls with thatched roof-3, Mud walls with other roof-4, Others (Specify _____)-5

* Record the value in rupees for own residential house (how much he/she gets if you sold in the market).

F. STOCK INVENTORY AS ON 1st JULY (VDSA – N)

Item code	Item	Unit (Quintal/ Kg/Lt)	Quantity	Unit price (Rs.)	Total Value (Rs)
1	2	3	4	5	6
CEREALS:					
1	Paddy				
2	Rice				
3	Wheat				
4	Maize				
5	Jowar				
6	Bajra				
57	Other cereals (_____)				
57	Other cereals (_____)				
PULSES:					
7	Pigeon pea (Arhar)				
8	Chickpea (Gram)				
9	Green Gram (Moong)				
10	Black Gram (Urad)				
11	Cowpea (Lobia)				
12	Pea (Mutter)				
13	Lathyrus (Khesari)				
14	Lentil (Masoor)				
15	Kulthi				
58	Other pulses (_____)				
58	Other pulses (_____)				
OILSEEDS:					
16	Rapeseed & Mustard				
17	Groundnut pods				
18	Sunflower				
19	Soybean				
20	Castor seed				
21	Nigerseed				
22	Sesamum				
23	Linseed				
24	Safflower				
25	Coconut				
26	Rapeseed & Mustard oil				
27	Refined oil				
28	Vanaspati ghee				
29	Deshi ghee				
30	Mahua oil				
59	Other edible oil (_____)				
59	Other edible oil (_____)				
OTHER ITEMS:					
31	Cotton				
32	Sugar/ Gur				
60	Other (_____)				
60	Other (_____)				

F. (STOCK INVENTORY contd.....)

Item code	Item	Unit (Quintal/ Kg/Lt)	Quantity	Unit price (Rs.)	Total Value (Rs)
1	2	3	4	5	6
FODDERS:					
33	Pulses Straw				
34	Paddy Straw				
35	Wheat straw				
36	Maize Straw				
37	Sorghum/millet Straw				
38	Groundnut haulms				
61	Other fodder (_____)				
61	Other fodder (_____)				
CATTLE FEEDS					
39	Oilseed cake				
40	Cattle feeds				
41	Rice bran				
42	Wheat bran				
43	Pulse bran				
44	Maize bran				
45	Cotton seed				
46	Crop fine by-products (Choker)				
62	Other feed (_____)				
62	Other feed (_____)				
COOKING FUEL:					
47	Kerosene				
48	Firewood (incl. plant residues)				
49	Dung cake				
50	Coal				
51	LPG				
63	Other fuel (_____)				
63	Other fuel (_____)				
INPUTS:					
52	Seed				
53	Fertilizers				
54	Pesticides				
55	Farm Yard Manure (FYM)				
56	Vermi-compost				
64	Other (_____)				
64	Other (_____)				
64	Other (_____)				

G. Debt and Credit Schedule (VDSA – P)

Position of financial assets and liabilities as on 1st July

Agency/Sources	Amount (Cash & kind)	Purpose ^a	Duration in Months	Interest rate/ year (%)	Who did the activity Member ID	Who spent/used the loan amount M/F/B
1	2	3	4	5	6	7
I. Borrowings:						
1. Co-operative banks						
2. Commercial banks						
3. Grameen Bank (RRB)						
4. Friends & relatives						
5. Finance companies						
6. Employer						
7. Landlord						
8. Shopkeeper						
9. Moneylender						
10. Self Help Groups						
11. Commission agent						
12. Input supplier						
24. Others (_____)						
II. Lendings:						
13. Friends & relatives						
14. Tenants						
25. Others (_____)						
III. Savings:						
15. Commercial banks						
16. Co-operative bank						
17. Insurance (LIC, etc)						
18. Post office						
19. Self Help Groups						
20. Chit funds						
21. Investment in shares, mutual funds etc						
22. Grameen Bank						
23. GPF/EPF/PPF						
26. Others (_____)						

^a 1=Agriculture, 2=Purchase of implements, 3=Purchase of livestock, 4=Social functions, 5=Consumption, 6=Education, 7=Medical, 8= Business, 9=Repay old debt, 10=Major repairs, 11=Purchase of land, 12=Marriage, 13= Drill well/bore well, 14=Fisheries, 15=Others (Specify_____)

H. ROLE OF GENDER (COLLECT THE INFORMATION FROM BOTH WOMEN AND MEN OF THE HOUSEHOLD)

1. Resource ownership and decision-making:

Resource code	Resources*	Ownership		Decision making Male/Female/Both		Who influences the utilization/management Male/Female/Both	
		Male	Female	Male	Female	Male	Female
		M/F/B**	M/F/B**	M/F/B**	M/F/B**	M/F/B**	M/F/B**
1	2	3	4	5	6	7	8
ASSETS:							
1	Land						
2	Livestock						
3	Credit						
4	Machinery						
5	Investment						
26	Others (_____)						
INPUTS:							
7	Seeds						
8	Fertilizers						
9	Pesticides						
10	Own labor						
11	Hired labor						
27	Others (_____)						
OUTPUTS:							
12	Crop main production						
13	Sale quantity						
14	Fodder production & use						
28	Others (_____)						
OTHERS:							
15	Household maintenance						
16	Education of children						
17	Number of Children						
18	Contraception usage						
19	Expenditure on Health Care						
20	Women stepping out of the house						
21	Children marriage						
22	Migration						
23	Pleasure trip						
24	Encountering a disaster						
25	Whom to give vote						
29	Others (_____)						

* Write NA for those resources, which are not applicable to the household. Example: if the household belongs to landless group and did not grow any crops, then **3. Output** gets the answer NA.

M = Male, F = Female and B = Both

**M-1, F-2, B-3

2. Role of gender in crop cultivation^a

Activity	Done by men	Done by women	Jointly (men & women)
1	2	3	4
1. Selection of crop			
2. Selection of variety			
3. Land preparation			
4. Transport of FYM & application			
5. Sowing seed			
6. Transplanting			
7. Chemical fertilizer application			
8. Hand weeding			
9. Interculture			
10. Plant protection measures			
11. Irrigation			
12. Watching			
13. Harvesting			
14. Threshing			
15. Marketing			
16. Seed selection and storage			

^a Put (✓) tick mark where ever is applicable.

Write the activities done by gender. If the household does not cultivate any land, record their perceptions based on their observations.

I. Sources of Marketing and Other Information

1. Name of the nearest market place: _____ Distance from village (Km): _____

2. Where do you get information for the following items (Rank)?

Inputs	Input dealer/trader	Input manufacturers	Fellow farmers	NGO	Govt. Dept.	Research station	TV/ Radio/ Print media	KVK	Other (Krishi Mela,etc)
1	2	3	4	5	6	7	8	9	10
1.Crop output prices									
2.Crop varieties									
2.Chemical Fertilizer									
4.Use of pesticides									
5.Seed selection & storage									
6.Weather information									
7.Crop insurance									
8.Input subsidies									
9.Horticulture crops									
10.Cattle/poultry rearing									
11.Treatment of cattle/poultry diseases									
12.Others									

J. Coping mechanisms

1. Did you experience any severe drought/flood/pest/diseases/misfortune that affected your livelihoods during the last year?

Yes/No

2. If yes, did you adopt any coping mechanisms due to above said problems during last year?

Yes/No

If yes, list the coping mechanisms adopted by the household in order of importance:
(Collect this information from both male and female members of the household separately)

Problems			Coping mechanisms ^a adopted by the household (rank)					
Particulars	Loss in Rs	% income loss	Male			Female		
			1 st	2 nd	3 rd	1 st	2 nd	3 rd
1	2	3	4	5	6	7	8	9
1.Drought								
2.Flood/Cyclone								
3.Pests & diseases								
4.Death of earning member								
5.Death of livestock								
6.Litigation of property								
7.Loss due to theft/dacoit/fire								
8.Loss in farming due to accident/sickness								
9.Others(_____)								
9.Others(_____)								

^a Codes: 1=Selling land, 2=Selling domestic animals/birds, 3=Selling trees, 4=Mortgaging land, 5=Mortgaging jewellery & other property, 6=Own savings, 7=Help from relatives, 8=Cash loans, 9=Kind loans, 10=Govt.Aid/relief, 11=Insurance,12=Others(Specify: _____)

3. Did Government/any organization provide any assistance during drought/flood/pest/diseases/misfortune experienced during the last year?

Yes/No

If yes, what type of assistance did you receive?

(a) _____

(b) _____

(c) _____

4. Can you rank the individuals/institutions you approach in terms of how reliable they are in the event of a drought or a flood?

Source of Assistance	Rank ^a	
	Flood	Drought
	1	2
	2	3
1.Friends		
2.Kinship and relatives		
3.Village Community		
4.Money lender		
5.SHGs		
6.NGOs		
7.Village Panchayat		
8.Local Group with Political Affiliations		
9.Grameena Banks/ Primary Agril. Credit Society/ Commercial Banks		
10.Private Dairy		
11.Ration Shop (PDS)		
12.Primary Health Centre		
13.Schools		
14.Private Companies		
15.Others (Specify_____)		

^a Rank between 1 and 10. Rating of “1” is the most preferred and “10” is the least preferred.

5. Did you adopt any protective measures keeping in mind future climatic change/shocks?

Yes/No

If Yes, what measures have been taken?

(a) _____

(b) _____

(c) _____