

Climate-Health Household Survey

District Learning Architecture · India Health and Climate Resilience Fund (IHCRF) · Version 2.1

Administered by trained enumerators using CAPI (Computer-Assisted Personal Interviewing). Unit of analysis: household. Sampling frame: electoral rolls stratified by habitation type across four IHCRF priority districts — Chamarajanagar (Karnataka), Dhubri (Assam), Khunti and West Singhbhum (Jharkhand). Average interview duration: 38–45 minutes. Instrument designed using three-cycle human-centred design testing across non-English, low-literacy field settings.

Module	Content Area	Coverage	Est. Time
MODULE A	Household Identification and Roster	Mandatory · All HH	~5 min
MODULE B	Health Access and Utilisation	Mandatory · All HH	~10 min
MODULE C	Climate Exposure and Household Impact	Mandatory · All HH	~10 min
MODULE D	Health System Quality — Household Perception	Mandatory · All HH	~8 min
MODULE E	Coping Capacity, Resilience and Social Protection	Mandatory · All HH	~7 min

FIELD IDENTIFICATION Complete before consent — one form per household

Survey ID	____ - ____ - ____ <i>Auto-assigned by CAPI system at upload</i>
District	_____
Block / Taluka	_____
Gram Panchayat	_____
Village / Ward	_____
Habitation Type	1 = SC/OBC-dominant 2 = Mixed 3 = Upper-caste dominant 4 = Tribal 5 = Other
GPS Coordinates	Lat: _____ Long: _____ <i>Record from CAPI app</i>
Date of Interview	____ / ____ / 20 ____ <i>DD / MM / YYYY</i>
Enumerator Code	_____
Supervisor Code	_____
Start Time	____ : ____ (HH:MM)
End Time	____ : ____ (HH:MM)

INFORMED CONSENT SCRIPT

Read verbatim. Do not proceed until verbal consent is given. If respondent declines, record reason below and close.

Greeting: Namaste. My name is [ENUMERATOR NAME], and I am with a research organisation called Pinpoint Ventures Advisory. We are conducting a study on household health and climate vulnerability in this district. The findings will inform health programming and district planning — no individual household data will be shared.

Purpose: I would like to ask your household some questions about your health experiences, the facilities you use, and whether you have been affected by events such as flooding, drought, or extreme heat. This will take approximately 40 minutes.

Voluntary participation: Participation is entirely voluntary. You can decline any question, and you may end the interview at any time without consequence. There are no right or wrong answers — we want to understand your actual experience.

Confidentiality: Your responses are strictly confidential. No information identifying your household will be shared with district administration, Panchayat officials, or any government body. Data is reported in aggregate only.

No benefit or harm: Participation does not entitle your household to any government scheme or benefit. Refusal does not affect entitlements you currently hold.

Recording: With your permission, I will record your responses on a tablet. No audio or video recording will be made.

Verbal consent confirmed?	<input type="checkbox"/> Yes — Proceed to Module A	<input type="checkbox"/> No — Record reason and close
If No, reason for refusal:	1=Refused without reason 2=Too busy 3=Language barrier 4=Inappropriate respondent 5=Other: _____	

MODULE A: HOUSEHOLD IDENTIFICATION AND ROSTER HH Head or most knowledgeable adult respondent

Q #	QUESTION / RESPONSE OPTIONS	SKIP INSTRUCTIONS / ENUMERATOR NOTE
A.1	<p>Total number of household members currently residing in this household, including those temporarily absent for seasonal work:</p> <p>___ members</p> <p><i>Count all who eat from the same kitchen. Exclude live-in domestic workers unless they share meals.</i></p>	<p><i>Record before completing roster. Verify total against roster at end of section.</i></p>
A.2	<p>Is the primary household head a woman?</p> <p>1 = Yes 2 = No 3 = No clear head / collective decision-making</p>	<p><i>Record self-reported head. Do not assume.</i></p>
A.3	<p>Primary social group of the household:</p> <p>1 = Scheduled Caste (SC) 2 = Scheduled Tribe (ST) 3 = Other Backward Class (OBC) 4 = General / Economically Weaker Section (non-reserved) 5 = Other / Prefers not to say</p>	<p><i>Self-reported. Do not assign a category.</i></p>
A.4	<p>Does any household member hold a government welfare identification card? (CIRCLE ALL THAT APPLY)</p> <p>1 = BPL Ration Card 2 = Antyodaya Anna Yojana (AAY) Card 3 = PMJAY / Ayushman Bharat Health Card 4 = State health insurance card (specify state): _____ 5 = Jan Dhan account (used for welfare transfers) 6 = None of the above</p>	<p><i>Multi-select. If 6, confirm no other card exists.</i></p>
A.5	<p>Primary land ownership/tenure status of the household:</p> <p>1 = Owns agricultural land — more than 2 acres 2 = Owns agricultural land — 2 acres or less (marginal) 3 = Tenant or sharecropper (cultivates, no ownership) 4 = Agricultural wage labourer (no land) 5 = Non-agricultural / primarily non-farm household 6 = Forest / community land user (tribal customary rights)</p>	
A.6	<p>Approximate total household monthly income from all sources:</p> <p>1 = Below Rs. 3,000 2 = Rs. 3,000–6,000 3 = Rs. 6,001–10,000 4 = Rs. 10,001–20,000 5 = Above Rs. 20,000 6 = Irregular / unable to estimate</p>	<p><i>Include agriculture, wage labour, remittances, pensions, welfare transfers. Use bracket if respondent uncomfortable giving exact figure.</i></p>

HOUSEHOLD ROSTER — One row per member (up to 8; use supplementary sheet if more)

Mem #	Full Name	Age (yrs)	Sex (M 2 F 3)	Relation*	Social Group**	Education***	Occupation****	Currently Present†
1								
2								
3								
4								
5								
6								
7								
8								

* Relation: 1=HH Head 2=Spouse 3=Son/Daughter 4=Parent 5=Sibling 6=Grandchild 7=Parent-in-law 8=Other relative 9=Unrelated

** Social Group: 1=SC 2=ST 3=OBC 4=General 5=Other

*** Education: 0=No schooling 1=Primary (to Cl.5) 2=Upper primary (Cl.6–8) 3=Secondary (Cl.9–10) 4=Higher secondary 5=Graduate 6=PG+

*** Occupation: 1=Cultivator 2=Agri labourer 3=Non-farm wage labour 4=Salaried 5=Self-employed 6=Student 7=Homemaker 8=Seasonal migrant 9=Unable to work 0=Other

MODULE B: HEALTH ACCESS AND UTILISATION <small>Last 30 days and last 12 months</small>		
Q #	QUESTION / RESPONSE OPTIONS	SKIP INSTRUCTIONS / ENUMERATOR NOTE
B.1	<p>What is the nearest government health facility to your home?</p> <p>1 = ASHA / Community Health Worker (home visits only) 2 = Sub-Centre (ANM-based) 3 = Primary Health Centre (PHC) 4 = Community Health Centre (CHC) 5 = Sub-District or District Hospital 6 = None within accessible distance / Don't know</p>	
B.2	<p>Approximate distance to nearest government facility:</p> <p>___ km (record as 0.5 if less than 1 km)</p>	<i>If unsure, probe: 'How long does it take to walk there?'</i>
B.3	<p>Usual mode of transport to the nearest health facility:</p> <p>1=Walk 2=Bicycle 3=Two-wheeler (own) 4=Shared auto/tempo 5=Bus 6=Private vehicle 7=Ambulance/108 8=Hired vehicle 9=Other</p>	
B.4	<p>Approximate travel time to nearest facility by usual mode:</p> <p>___ minutes</p>	
B.5	<p>Has any household member fallen ill or been injured in the 30 days before this survey?</p> <p>1 = Yes 2 = No</p>	FILTER If No (2) → SKIP TO B.12
B.6	<p>How many household members fell ill or were injured in the last 30 days?</p> <p>Number of members: ___ Ages (approximate): _____</p>	<i>If B.5 = 1 only.</i>
B.7	<p>Nature of the primary / most recent illness or injury episode:</p> <p>1 = Fever (undifferentiated) 2 = Respiratory illness 3 = Diarrhoea / gastrointestinal 4 = Water-borne illness (jaundice, typhoid) 5 = Heat-related illness (heatstroke, heat exhaustion) 6 = Vector-borne (dengue, malaria) 7 = Injury / accident 8 = Chronic condition episode 9 = Maternal / reproductive health 10 = Mental health episode 11 = Other: _____</p>	
B.8	<p>Did the ill / injured member(s) seek treatment outside the home?</p> <p>1 = Yes 2 = No</p>	FILTER If No (2) → SKIP TO B.10
B.9	<p>Where was treatment sought? (CIRCLE ALL THAT APPLY)</p> <p>1 = Government Sub-Centre or PHC 2 = Government CHC or District Hospital 3 = Private clinic (qualified MBBS doctor) 4 = Private hospital 5 = ASHA or Anganwadi worker 6 = Informal provider / RMP / unqualified practitioner 7 = Pharmacy — self-medicated without prescription 8 = Traditional healer / folk medicine</p>	<i>If B.8 = 1 only.</i> <i>Multi-select. Probe for all facilities visited.</i>
B.10	<p>If treatment was NOT sought outside the home — primary reason:</p> <p>1 = Illness considered minor 2 = Facility too far / no transport 3 = Could not afford cost 4 = Facility closed / doctor absent 5 = Medicines unavailable 6 = No adult to accompany patient 7 = Gender or social barrier 8 = Prior bad experience 9 = Other</p>	<i>If B.8 = 2 only.</i> <i>Single most important reason.</i>

B.11	<p>Approximate out-of-pocket expenditure on this illness episode (transport, medicines, consultation, diagnostics):</p> <p>Rs. _____</p> <p><i>If zero, reason: 1=Free at govt facility 2=PMJAY/insurance 3=NGO/programme 4=Did not seek formal care</i></p>	
B.12	<p>In the 12 months before this survey, has any household member been hospitalised overnight?</p> <p>1 = Yes 2 = No</p>	<p>FILTER If No (2) → SKIP TO B.14</p>
B.13	<p>For the most recent hospitalisation:</p> <p>Total out-of-pocket cost: Rs. _____ Duration: ____ nights</p> <p>How was cost met? (CIRCLE ALL THAT APPLY)</p> <p>1=Savings 2=Family/friends 3=Moneylender 4=SHG loan 5=PMJAY/insurance 6=Sold assets 7=No cost incurred (fully covered)</p>	<i>If B.12 = 1 only.</i>
B.14	<p>Which household members face the most significant barriers in accessing health services? (CIRCLE ALL THAT APPLY)</p> <p>1=Women of reproductive age 2=Adolescent girls 3=Elderly (60+) 4=Children under 5 5=Persons with disability 6=Seasonal migrants 7=No specific group — all face similar barriers 8=No significant barriers</p>	

MODULE C: CLIMATE EXPOSURE AND HOUSEHOLD IMPACT Last 3 years — all events experienced by any household member

Q #	QUESTION / RESPONSE OPTIONS	SKIP INSTRUCTIONS / ENUMERATOR NOTE																														
C.1	Has your household experienced any of the following climate-related events in the last 3 years? For each experienced, indicate severity:	FILTER If all events = No → SKIP TO MODULE D Severity: 1=Mild (recoverable in weeks), 2=Moderate (months), 3=Severe (long-term / unrecovered).																														
	<table border="1"> <thead> <tr> <th>Event / Condition</th> <th>Experienced (last 3 yrs)?</th> <th>Severity if Yes 1=Mild 2=Moderate 3=Severe</th> </tr> </thead> <tbody> <tr> <td>Flooding or waterlogging of home / agricultural land</td> <td>■ Yes ■ No</td> <td>[___]</td> </tr> <tr> <td>Prolonged drought or severe water scarcity</td> <td>■ Yes ■ No</td> <td>[___]</td> </tr> <tr> <td>Sustained extreme heat (unusually high temperatures over multiple days)</td> <td>■ Yes ■ No</td> <td>[___]</td> </tr> <tr> <td>Hailstorm or severely unseasonal rainfall damaging crops</td> <td>■ Yes ■ No</td> <td>[___]</td> </tr> <tr> <td>Complete or significant crop failure</td> <td>■ Yes ■ No</td> <td>[___]</td> </tr> <tr> <td>Death of livestock or significant livestock loss</td> <td>■ Yes ■ No</td> <td>[___]</td> </tr> <tr> <td>Primary drinking water source dried up completely</td> <td>■ Yes ■ No</td> <td>[___]</td> </tr> <tr> <td>Vector-borne disease outbreak in village (dengue, malaria, etc.)</td> <td>■ Yes ■ No</td> <td>[___]</td> </tr> <tr> <td>Cyclone, severe storm, or flash flood</td> <td>■ Yes ■ No</td> <td>[___]</td> </tr> </tbody> </table>		Event / Condition	Experienced (last 3 yrs)?	Severity if Yes 1=Mild 2=Moderate 3=Severe	Flooding or waterlogging of home / agricultural land	■ Yes ■ No	[___]	Prolonged drought or severe water scarcity	■ Yes ■ No	[___]	Sustained extreme heat (unusually high temperatures over multiple days)	■ Yes ■ No	[___]	Hailstorm or severely unseasonal rainfall damaging crops	■ Yes ■ No	[___]	Complete or significant crop failure	■ Yes ■ No	[___]	Death of livestock or significant livestock loss	■ Yes ■ No	[___]	Primary drinking water source dried up completely	■ Yes ■ No	[___]	Vector-borne disease outbreak in village (dengue, malaria, etc.)	■ Yes ■ No	[___]	Cyclone, severe storm, or flash flood	■ Yes ■ No	[___]
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C.2	Which single event from C.1 caused the greatest disruption to your household? Name event: _____	Conditional on any Yes in C.1.																														
C.3	How long did the effects of this most disruptive event last for your household? 1=Less than 1 week 2=1 week to 1 month 3=1–3 months 4=3–12 months 5=More than 1 year / effects still ongoing																															
C.4	Did this climate event affect your household's ability to access health services? 1 = Yes, significantly 2 = Yes, somewhat 3 = No	FILTER If No (3) → SKIP TO C.6																														
C.5	How did it affect access to health services? (CIRCLE ALL THAT APPLY) 1 = Road or bridge damaged — facility unreachable 2 = Household members too ill or weak to travel 3 = Could not afford transport after economic shock 4 = Facility itself was damaged or temporarily closed 5 = No adult available to leave home (caregiving burden) 6 = Feared leaving home during event 7 = Other: _____	If C.4 = 1 or 2 only.																														
C.6	Did any household member change livelihood activity because of climate events in the last 3 years? 1 = Yes 2 = No	FILTER If No (2) → SKIP TO C.8																														

C.7	<p>What changes were made to livelihood activities? (CIRCLE ALL THAT APPLY)</p> <p>1=Shifted to different crop or variety 2=Reduced area under cultivation 3=Switched from farming to non-farm wage labour 4=Took up seasonal outmigration 5=Sold livestock or productive assets 6=Reduced household food consumption 7=Withdrew children from school 8=Took up additional home-based activity (NREGA, bidi-rolling, etc.) 9=Other: _____</p>	<i>If C.6 = 1 only.</i>
C.8	<p>Has any household member migrated for work in the 12 months before this survey?</p> <p>1 = Yes 2 = No</p>	<p>FILTER If No (2) → SKIP TO MODULE D</p>
C.9	<p>Was climate or weather a factor in the decision to migrate?</p> <p>1 = Yes — primary reason 2 = Yes — one of several reasons 3 = No</p>	<i>If C.8 = 1 only.</i>
C.10	<p>Migration details:</p> <p>Months outside village in last 12 months: ____ Destination district / state: _____</p>	<i>If C.8 = 1 only.</i>

MODULE D: HEALTH SYSTEM QUALITY — HOUSEHOLD PERCEPTION Based on most recent experience at a government health facility

Q #	QUESTION / RESPONSE OPTIONS	SKIP INSTRUCTIONS / ENUMERATOR NOTE					
D.1	<p>When did any household member last visit a government health facility?</p> <p>1=Within last 1 month 2=1–6 months ago 3=6–12 months ago 4=More than 12 months ago 5=Never visited a government facility</p>	<p>FILTER If Never (5) → SKIP TO D.7</p>					
D.2	<p>During the most recent visit, was a qualified doctor or medical officer present?</p> <p>1=Yes — doctor present and saw patient 2=No — only paramedic / ANM / nurse available 3=Facility open but no clinical staff present 4=Don't know</p>						
D.3	<p>Were prescribed medicines available at the facility during that visit?</p> <p>1=Yes — all prescribed medicines available free of charge 2=Partially — some available, others purchased outside 3=No — all medicines purchased from private pharmacy 4=No prescription given 5=Don't know</p>						
D.4	<p>Approximate waiting time before being seen at the facility:</p> <p>1=Less than 30 minutes 2=30 min to 1 hour 3=1–2 hours 4=More than 2 hours 5=Was not seen on that visit</p>						
D.5	<p>Were diagnostic tests (blood, urine, X-ray, etc.) available at the facility when needed?</p> <p>1=Yes — all required tests available at facility 2=Partial — referred elsewhere for some tests 3=No — referred outside for all tests 4=No tests were required</p>						
D.6	<p>Overall rating of experience at the government health facility during the most recent visit:</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>1 Very Poor</td> <td>2 Poor</td> <td>3 Acceptable</td> <td>4 Good</td> <td>5 Very Good</td> </tr> </table>	1 Very Poor	2 Poor	3 Acceptable	4 Good	5 Very Good	<p><i>Circle one. Do not suggest a rating.</i></p>
1 Very Poor	2 Poor	3 Acceptable	4 Good	5 Very Good			
D.7	<p>Is the nearest government facility equipped to manage climate-related illness — such as heatstroke, waterborne illness after flooding, or injuries from severe weather events?</p> <p>1=Yes — adequately equipped and staffed 2=Partially — sometimes 3=No — not equipped 4=Don't know / no occasion to find out</p>						
D.8	<p>Have health services in this area improved in the last 2 years?</p> <p>1=Yes — clear and noticeable improvement 2=No change observed 3=Has gotten worse 4=Don't know</p>						

MODULE E: COPING CAPACITY, RESILIENCE AND SOCIAL PROTECTION <small>Current household status</small>		
Q #	QUESTION / RESPONSE OPTIONS	SKIP INSTRUCTIONS / ENUMERATOR NOTE
E.1	<p>Does any household member have health insurance or a government health entitlement?</p> <p>1=PMJAY / Ayushman Bharat 2=State health insurance scheme (specify: _____) 3=Private health insurance (employer or individual) 4=Multiple schemes 5=None</p>	
E.2	<p>Is any household member an active member of a Self-Help Group (SHG) or community savings group?</p> <p>1=Yes — active (meets regularly, contributes) 2=Yes — registered but inactive 3=No</p>	
E.3	<p>Does the household have savings specifically set aside for health emergencies?</p> <p>1=Yes — sufficient for a moderate emergency (Rs. 5,000 or more) 2=Yes — small savings, insufficient for a major episode 3=No savings</p>	
E.4	<p>In a serious health emergency, who would your household approach first for financial help?</p> <p>1=Immediate family 2=Extended family or relatives 3=SHG / community mutual fund 4=Employer or landlord 5=Moneylender 6=Bank or microfinance institution 7=Government welfare scheme 8=Would manage alone / no one to approach</p>	<i>Single most likely response. Do not suggest options.</i>
E.5	<p>In the 12 months before this survey, did any health-related expenditure push the household into debt?</p> <p>1 = Yes 2 = No</p>	FILTER If No (2) → SKIP TO E.7
E.6	<p>How long has it taken or is it taking to repay this health-related debt?</p> <p>1=Less than 3 months 2=3–6 months 3=6–12 months 4=More than 12 months 5=Still in debt / repayment ongoing</p>	<i>If E.5 = 1 only.</i>
E.7	<p>Does the household currently receive benefits under any government programme? (CIRCLE ALL THAT APPLY)</p> <p>1=PDS / Ration card (food grain) 2=MGNREGS (employment guarantee) 3=PM-KISAN (farm income support) 4=PM Awas Yojana (housing) 5=Widow / disability / old-age pension 6=PM Matru Vandana (maternity) 7=None of the above</p>	
E.8	<p>[ENUMERATOR OBSERVATION — Do not read aloud] Overall socioeconomic condition of the household, based on housing quality, asset ownership, clothing, and food storage visible during interview:</p> <p>1=Very poor — significant visible deprivation 2=Poor — below average for this village 3=Lower-middle — roughly average for this village 4=Middle — above village average 5=Relatively better-off — clearly above village average</p>	<i>Record after interview ends, not during.</i>

ENUMERATOR CERTIFICATION AND DATA QUALITY CHECK

Enumerator name:	_____
Enumerator code:	_____
Date of interview:	___ ___ / ___ ___ / 20 ___ ___ (DD/MM/YYYY)
Enumerator signature:	_____
Supervisor name:	_____
Supervisor code:	_____
Date of field review:	___ ___ / ___ ___ / 20 ___ ___ (DD/MM/YYYY)
Back-check completed?	<input type="checkbox"/> Yes <input type="checkbox"/> No Back-check enumerator code: _____
Supervisor signature:	_____

SKIP LOGIC REFERENCE TABLE — Enumerator summary

Trigger	Skip Condition	Go To	Notes
B.5	<i>B.5 = 2 (No illness)</i>	B.12	Questions B.6–B.11 relate to the illness episode
B.8	<i>B.8 = 2 (No treatment)</i>	B.10	Record reason at B.10; if B.8=Yes, B.10 is skipped
B.12	<i>B.12 = 2 (No hospitalisation)</i>	B.14	Hospitalisation cost/financing questions not applicable
C.1	<i>All events = No</i>	MODULE D	No climate exposure; skip C.2–C.10 entirely
C.4	<i>C.4 = 3 (No impact on access)</i>	C.6	Health access impact question not applicable
C.6	<i>C.6 = 2 (No livelihood change)</i>	C.8	Livelihood adaptation questions not applicable
C.8	<i>C.8 = 2 (No migration)</i>	MODULE D	Migration questions not applicable
D.1	<i>D.1 = 5 (Never visited)</i>	D.7	Quality perception questions require at least one visit
E.5	<i>E.5 = 2 (No health debt)</i>	E.7	Debt duration question not applicable

DATA QUALITY CHECKLIST — Supervisor completes before upload to server

- All mandatory questions answered — no blanks except where a skip pattern applies
- Skip patterns correctly applied — verify each filter question against reference table above
- Household roster complete — member count in A.1 matches number of rows filled in roster
- GPS coordinates recorded in field identification section
- Interview duration plausible (30–60 minutes) — flag if under 25 minutes for back-check
- Filter questions (highlighted orange) have valid skip entries or have been answered fully
- Enumerator observation (E.8) completed and recorded after interview concluded
- Verbal consent confirmed at top of consent page
- Enumerator and supervisor codes both entered and legible