# How to Apply Poverty Scoring in Myanmar



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**UNDP/Myanmar** 

#### **Objectives**

- Learn why UNDP uses poverty scoring
- See where poverty scorecard comes from
- Understand how scoring works
- Review 'Guidelines to Interpretation'
- Discuss operational processes for sampling, data-entry, and targeting exceptions

#### Why Use Poverty Scoring?

To estimate **likelihood** that household consumption is below an objective poverty line with known accuracy based on verifiable data that is quick and inexpensive to collect.

To assess/report/improve social performance:

- 1. % of participants below poverty line now
- 2. Change in % below line over time
- 3. Target services to poorer households

#### Simple, quick, low-cost, quantitative, and often 'good enough for govt. work'

## **Simple Poverty Scorecard Coverage**

Bangladesh	Guatemala	Myanmar	Senegal
Bolivia	Haiti	Nepal	Sierra Leone
Brazil	Honduras	Nicaragua	South Africa
Burkina Faso	India	Nigeria	Sri Lanka
Cambodia	Indonesia	Pakistan	Syria
China	Jordan	Palestine	Tanzania
Colombia	Kenya	Peru	Timor-Leste
Dominican Rep.	Malawi	Philippines	Uganda
Ecuador	Mali	Romania	Vietnam
El Salvador	Mexico	Rwanda	Yemen
Ethiopia	Morocco	Russia	
Ghana	Mozambique		

90% of people below \$1.25/day

live in the 45 countries with a Simple Poverty Scorecard

#### **Poverty Scoring versus Wealth Ranking**

#### Scoring:

4

- Narrow definition of poverty (consumption)
- Works with broad patterns and on average
- Based on IHCLA survey data, has known accuracy
- One standard for entire Union
- Quantitative and consistent, so comparable across villages and over time
- Requires skilled enumerator

#### Wealth Ranking:

- Comprehensive definition of poverty
- Can adjust for exceptional cases
- Based on community judgment, participatory
- Different standard each community
- Subjective, non-comparable, unknown accuracy
- Requires skilled facilitator

#### **IHLCA Measure of Poverty Is Costly**

#### **Exhaustive** household expenditure survey



#### **Poverty Scoring Costs Less**

**About 10-minute scorecard w/observable indicators** 



#### Simple Poverty Scorecard for Myanmar

Location	<u>Entity</u>	Additional data		
Survey No.:	Village:	Name of HH head:		
Township:	Field office:	WR Class:		
City/town:	Date scored:	Started w/UNDP:		
Ward/village tract:	Enumerator:	# HH members:		
Indicato		Response	Points	Scor
1. How many members does the household	d have?	A. Eight or more	0	
		B. Seven	6	
		C. Six D. Five	10	
		D. Five E. Four	$\frac{14}{19}$	
		F. Three	$\frac{19}{26}$	
		G. One or two	$\frac{20}{34}$	
2. What is the highest standard/diploma/	degree that the female	A. No female head/spouse	0	
head/spouse has passed?	degree that the lemale	B. None, KG, or first standard	0	
nead/spouse has passed:		C. Second standard	1 7	
		D. Third to fifth standard	8	
		E. Sixth standard or higher	9	
3. How many rooms does the household o	ccupy including bedrooms living	A. One or none	0	
rooms, and rooms used for house		B. Two	$\frac{0}{2}$	
toilets, kitchens, balconies, nor c		C. Three	3	
	).	D. Four	4	
		E. Five or more	9	
4. What is the major construction material of the floor (observe,	A. Earth/sand, palm/bamboo, con or other	mbination earth and wood/palm/bamboo,	0	
do not ask)?	cement, wood with cover	ned wood, tongue-and-groove wood, ing, cement with covering, or a inished wood and something else	5	
5. What is the major construction	A. Thatch/large leaves/palm/dha	ni, or tarpaulin	0	
material of the external	B. Bamboo, or rudimentary wood	, <b>.</b>	2	
(outer) walls (observe, do not	C. Unbaked brick and mud, finish	ed wood, or other	3	
ask)?	D. Baked brick and cement, or <i>pucca</i> cement			
6. What type of stove is used most	A. Open fire, open stove, rice-husl	stove, or traditional closed stove	0	
often for cooking food in the household? It. Open me, open stove, the must stove, of traditional closed stove c. A1 improved stove, other improved stove, stove using electricity, gas, kerosene/diesel, or biofuel, or other				
7. Does any member of your household ov	vn or have access to a cupboard or	A. Neither	0	
	one rented to others or pawned)?		1	
		C. Both	5	
8. Does any member of your household ov	vn or have access to a black-and-	A. No	0	
white or colour TV (including on		B. Yes	9	
9. Does household member own or have a	ccess to a A. No, none of t	these	0	
bicycle or non-motorized boat, a		or non-motorized boat	4	
power tiller, trishaw, motorboat, three-wheeled motor vehicle, mot or more), or tractor (including or others or pawned)?	a rented to trawlar trawlar	power tilller, trishaw, motorboat, rjee, three-wheeled motor vehicle, ear (4 wheels or more), or tractor lless of bicycle or non-motorized boat)	8	
10. If any household member's main job is		- · · · · · · · · · · · · · · · · · · ·	Ο	
hunting, forestry, fishery, mining	or quarrying and if any	Landless agricultural household	0	
household member owns or has t	he right to use land for	Non-agricultural household	1	
agriculture, forestry, pasture, live surfaces, then does the household	estock breeding, or water C.	Agricultural household with land, but no non-draught large animals	4	
non-draught buffalo, cows, myth (including ones rented to others)	un, horses, or donkeys/mules D.	Agricultural household with land and with non-draught large animals	8	
icrofinance Risk Management, L.L.C. mi			Score	

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#### <u>Worksheet:</u> <u>Household Roster and Main Job</u>

At the start of the interview, read the following to the respondent:

Please tell me the names and ages of all the persons who usually sleep in the dwelling, eat most of their meals here, and share expenses together. You should include all members of the family, including any children or other persons who may be away for study or work but who consider this as their permanent residence. It also includes any other people who are not blood relatives but who normally sleep here, eat most of their meals here, and share expenses.

Write the names and ages of all household members. For each member 10-years-old or older, ask the respondent whether he/she in his/her main job is connected to agriculture, hunting, forestry, fishery, mining, or quarrying. Count the total number of household members, write it next to "# household members" on the right side of the header of the scorecard, and use it to mark the response to Question 1. You will use the responses related to the main job of each member later when marking Question 10.

		In his/her main job, is <name> connected</name>
Name of household member	Age	to agriculture, hunting, forestry,
		fishery, mining, or quarrying?
1.		No Yes
2.		No Yes
3.		No Yes
4.		No Yes
5.		No Yes
6.		No Yes
7.		No Yes
8.		No Yes
9.		No Yes
10.		No Yes
11.		No Yes
12.		No Yes
13.		No Yes
14.		No Yes
15.		No Yes

#### **How is a Scorecard Constructed?**

- Data from Myanmar's 2009/10 IHLCA
- IHCLA features lengthy expenditure module
- Expenditure-based poverty status (poverty line of MMK1,031/person/day) known for HHs in IHCLA
- Statistics (regression) to select indicators and assign points to relate indicators to poverty status for surveyed HHs, not just consultant's judgment
- Total points (scores) range from 0 (most likely below poverty line) to 100 (least likely below line)
- Scorecard based on 2009/10 data is then applied today (and onward until 2014/15 IHLCA available)

#### What Do Poverty Scores Mean?

S	Seene	Poverty
	Score	Likelihood (%)
	0–4	83.4
	5–9	76.1
	10–14	68.6
(	15 - 19	60.4
	20 24	18.8
	25 - 29	<b>41.6</b>
	30 - 34	29.5
	35 - 39	23.3
	40 - 44	15.0
45 - 49		10.6
	50 - 54	7.4
	55 - 59	<b>3.5</b>
	60 - 64	1.2
	65 - 69	1.0
	70 - 74	0.3
	75 - 79	0.0
	80 - 84	0.0
	85 - 89	0.0
	90–94	0.0
	95 - 100	0.0

HHs in Myanmar who score 19 have a 60.4% probability (poverty likelihood) of being below the national poverty line

	Score	$\mathrm{HH} < \mathrm{line}$		HH in range		Pov. like. $(\%)$
	0-4	142	•	170	=	83.4
	5–9	732	•	<b>961</b>	=	76.1
	10–14	1,344	•	1,958		<b>68.6</b>
$\bigcirc$	15 - 19	$2,\!466$	•	$4,\!081$	=	60.4
	20 - 24	3,038	•	6,226		<b>48.8</b>
	25 - 29	$3,\!922$	•	$9,\!428$	=	41.6
	30 - 34	3,026	•	$10,\!276$	=	29.5
	35 - 39	$2,\!804$	•	$12,\!044$	=	23.3
	40 - 44	$1,\!797$	•	$11,\!946$	=	15.0
	45 - 49	$1,\!234$	•	$11,\!663$	=	10.6
	50 - 54	699	•	$9,\!427$	=	7.4
	55 - 59	$\boldsymbol{278}$	•	$7,\!970$	=	<b>3.5</b>
	60 - 64	<b>76</b>	•	6,094	=	1.2
	65 - 69	39	•	3,767	=	1.0
	70 - 74	6	•	$2,\!249$	=	0.3
	75 - 79	0	•	$1,\!180$	=	0.0
	80 - 84	0	•	357	=	0.0
	85 - 89	0	•	199	=	0.0
	90–94	0	•	4	=	0.0
	95 - 100	0	•	0	=	0.0

Source of poverty likelihoods?

Score = 19  $\rightarrow$  poverty likelihood of 60.4% because 2,466 of 4,081 HHs (60.4%) in IHLCA survey who score 15–19 have consumption below the national poverty line

#### **Three Uses of Poverty Scoring**

- 1. Estimate poverty rates today:
  - One summary number for reporting
  - Set goals and track progress (all-UNDP, district, field office)
  - 'You manage what you measure'
- 2. Track changes in poverty over time:
  - How much change is due to UNDP? (Plan for control group)
  - Scoring does not tell <u>why</u> poverty changed
- 3. Target/segment clients
  - Set goals for % poor among new participants
  - Allot budget by number of poor
  - Qualify individual HH for livelihood projects

#### **1. Estimating Poverty Rates**

A group's estimated poverty rate is the

average of its members' poverty

<u>likelihoods.</u>

Myanmar, sample of 3 clients, 01jan13

	Score	
Client	1/1/13	Poverty likelihood (%)
Α	20	48.8
В	30	29.5
С	40	15.0
Average	(=Poverty	y rate %): <mark>31.1</mark>

#### 2. Tracking Change in Poverty Rates

(Change is not the same as impact!)

Myanmar, 3 clients, 01jan13 and 31dec15

	Score		Poverty likelihood (%	
Client	2013	2015	2013	2015
Α	20	25	48.8	41.6
В	30	30	29.5	29.5
С	40	45	15.0	10.6
Average(=Poverty rate): 31.1 27.2				

(31.1 – 27.2) = 3.9-percentage point reduction in poverty rate (share of clients who are poor)

<u>3. 18</u>	irgetii	ng Acc	uracy
	% of all	Pov. rate	% of poor
Cut-off	$\mathbf{H}\mathbf{H}\mathbf{s}$	among	$\mathbf{H}\mathbf{H}\mathbf{s}$
	targeted	targeted	targeted
<=4	0.2	58.8	0.5
<=9	1.1	77.4	4.1
<=14	<b>3.1</b>	68.2	9.9
<=19	7.2	62.1	<b>21.0</b>
<=24	13.4	56.5	35.6
<=29	22.8	<u>/19_1</u>	52.7
<=34	33.1	<b>43.5</b>	67.9
<=39	45.1	37.5	79.6
<=44	57.1	33.2	89.3
<=49	68.8	<b>29.2</b>	94.4
<=54	78.2	26.6	97.8
<=59	86.1	24.5	$\boldsymbol{99.4}$
<=64	92.2	23.0	99.8
<=69	96.0	<b>22.1</b>	100.0
<=74	98.3	<b>21.6</b>	100.0
<=79	99.4	<b>21.4</b>	100.0
<=84	99.8	21.3	100.0
<=89	100.0	21.2	100.0
<=94	100.0	21.2	100.0
<=100	100.0	<b>21.2</b>	100.0

action

33.1% of all HHs score 34 or less. 43.5% of targeted HHs are < pov. line.

67.9% of poor HHs are targeted.

## **Example 5-Class System**

		% of all	Pov. rate	% of poor
	Cut-off	HHs	among	HHs
		targeted	targeted	targeted
	<=4	0.2	58.8	0.5
$\mathbf{E}$	<=9	1.1	77.4	4.1
	<=14	<b>3.1</b>	<b>68.2</b>	9.9
	<=19	7.2	62.1	<b>21.0</b>
	<=24	13.4	56.5	35.6
$\mathbf{D}$	<=29	<b>22.8</b>	49.1	52.7
	<=34	33.1	<b>43.5</b>	67.9
$\mathbf{C}$	<b>&lt;=39</b>	<b>45.1</b>	37.5	79.6
U	< <b>=</b> 44	57.1	33.2	89.3
B	<=49	68.8	29.2	94.4
D	<b>&lt;=5</b> 4	78.2	26.6	97.8
	<=59	86.1	<b>24.5</b>	99.4
	<=64	92.2	23.0	99.8
	<=69	96.0	<b>22.1</b>	100.0
	<=74	98.3	21.6	100.0
$\mathbf{A}$	<=79	<b>99.</b> 4	21.4	100.0
	<=84	99.8	<b>21.3</b>	100.0
	<=89	100.0	21.2	100.0
	<=94	100.0	21.2	100.0
	<=100	100.0	21.2	100.0

#### **Scorecard Feedback and Revisions**

- 5 draft scorecards and feedback:
  - HDI managers rated candidate indicators
  - Piloted w/200 HH in Ayeyarwady, Kayin, Shan
    - About 10 interviews/day/enumerator
    - Matches WR targeting in 7 of 10 cases
  - Actions due to feedback:
    - Avoid indicators that vary by region
    - Replaced non-intuitive indicator
    - Replaced indicator that ignored land quality
    - Many minor adjustments
  - 'Guidelines' and training materials adjusted
- Final scorecard represents balance of goals/constraints across IHLCA, data, users

## **Data Quality Matters**

- Scoring is useless unless data is high-quality
- All enumerators should follow same rules:
  - Across UNDP field offices
  - Across other NGOs/Govt. in Myanmar
- 'Social auditor' (like financial auditor) should interview random sample a second time and compare answers to original
- Quality will affect decisions that affect poor HHs:
  - Targeting of villages and households
  - UNDP's reporting of results to funders
  - UNDP's management for improving impacts

## 'Guidelines to Interpretation'

#### **Rule:** Follow IHLCA practice when applying scoring

- Wording of indicators/responses follow IHLCA
- Interpretation of indicators/responses follow IHLCA
- 'Guidelines' are based on IHLCA *Enumerator Manual* and on how IHLCA enumerators were trained
- When in doubt, check 'Guidelines'
- If 'Guidelines' do not give an answer, then (perhaps together with the respondent) use your own best judgment. UNDP field offices or higher levels should not establish rules that were not followed in IHLCA

### **Before Starting Interview**

- Study 'Guidelines', and carry a copy with you.
  This training does not cover everything
- Plan day's route (make a map)
- Ask for HH head or any adult who can respond
- Introduce yourself according to local custom
- Tell reason for survey: 'UNDP wants to learn more about how households like yours live'
- Say who is covered: 'Many households in this village and other villages are being interviewed'
- Assure confidentiality: 'UNDP will use all surveys to improve its decisions, but no one will know which answers are yours'

## **Before Starting Interview**

- Do not offer any incentive for participation
- Avoid having non-household members present
- Ask permission to start
- Maintain a neutral expression. Do not seem to judge responses by facial expression, laughs, etc.
- Read questions word-for-word in order given. If needed, re-read. If still not understood, interpret for respondent in your own words
- Translate to respondent's language, if needed
- Do not let respondent keep any questionnaires
- Do not prompt ('You are a farmer, right?')

## Fill Up Header Data

- Record township, city/town, ward/village tract, village, field office, enumerator (if data is known, you can fill this before meeting household)
- Write name of household head
- Leave 'Survey No.' blank (for data-entry operator)
- Record household's WR class
- Ask for year when household first participated in UNDP programs
- Note date of interview
- Record total number of household members (after completing back-page worksheet)

## **Complete Back-Page Worksheet**

- Turn scorecard over to the back page
- Read definition of household member word-forword to respondent
- List names and ages of all household members
- Clarify whether unusual cases are HH members
- Ask and mark, for each member 10-years-old or older, whether his/her main job (job worked most time) is connected with agriculture, hunting, forestry, mining, or quarrying
- Add up the number of household members, then:
  Write it in "# household members" in header
  Circle response for Q1

#### Who Is a Household Member?

#### Be extra careful: HH size is best poverty predictor

- <u>General rule</u>: Household members are those who:
  - Usually sleep under the same roof
  - Usually share meals
  - Share household expenses
- Notes:
  - HH members do not need to be blood relatives
  - No one can be a member of 2 households
  - Infants and children are HH members, even though they do not contribute economically
  - Dead people are not HH members

#### Who Is a HH Member? (Special Cases)

- <u>Students</u> living elsewhere are members, if they:
  - Are supported by HH, and
  - Are not members of other HHs
- <u>Migrants</u> are members, if they:
  - Consider themselves to be members, and
  - Contribute economically to HH
- <u>Monks</u> are members, if they have a definite date when they plan to return home (even if HH does not support them). Permanent monks are not HH members.
- <u>Military</u> who live apart from HH are not members (even if they contribute economically)
- <u>New additions</u> (such as new spouses) are members, if they arrived before the interview and plan to stay permanently. <u>Recently departed</u> people or <u>temporary</u> <u>visitors</u> are not members.

### **Q2: Education of Female Head/Spouse**

- Who is the <u>household head</u>?
  - Whoever earns the most income, <u>or</u>
  - Whoever the household recognizes as head
- Who is the <u>female head/spouse</u>?
  - HH head, if the head is a woman
  - Spouse/partner/companion of HH head, if head is a man
  - If neither of the previous two criteria are not met, then there is no female head/spouse

#### **Q3: Number of Rooms**

- You can ask or observe this without asking
- Do not count toilets, kitchens, bathrooms, balconies
- Count rooms used for HH businesses, such as storage rooms, whether part of main dwelling or part of separate building
- If 2 HHs share a dwelling, then assign each room to the one HH that uses it most
- Rooms are areas defined by partitions (walls, curtains, cupboards, or other dividers) with distinct purposes (such as living room/bedroom, or children's bedroom/parents' bedroom).

## **Q4: Main Floor Material**

- Observe main floor material (do not ask)
- If more than one material, record main one
- If main floor material is not listed, mark 'other'

## **Q5: Main Exterior Wall Material**

- Observe main exterior wall material (do not ask)
- If more than one material, record main one
- If main wall material is not listed, mark 'other'

## **<u>Q6: Type of Stove</u>**

- Record most-often used type
- If main type is not listed, mark 'other'
- Definitions:
  - <u>Open fire</u>: Pot set on 3 bricks above fire on ground outdoors (not in kitchen)
  - <u>Open stove</u>: Like open fire, but in kitchen
  - <u>Rice-husk stove</u>: Designed to burn rice husks
  - <u>Traditional closed stove</u>: Cement or pressed earth w/hole on top for pot & on side for fuel
  - <u>A1 improved stoves/other improved stoves</u>:
    Efficient closed stoves that use less fuel than previous 4 stoves listed above

## **Q7: Cupboard and food-storage cabinet**

#### Mark:

- 'A. Neither' if HH does not own nor possess cupboard nor food-storage cabinet
- 'B. One, but not both', if owns or possesses:
  - Only cupboard
  - Only food-storage cabinet
- 'C. Both', if HH owns or possesses:
  - Both cupboard and food-storage cabinet
  - Only cupboard, but also uses it as food-storage cabinet

#### Rules for Assets in Q7, Q8, Q9

Count only working/functioning assets

What is meaning of 'own or have access to' and 'ones rented or pawned to others'?

- It means 'owns or has on homestead'. Count asset if HH:
  - Owns it and has it on homestead
  - Owns it but has rented, loaned, or pawned it out
  - Rents or borrows it and has it on homestead
  - Has it on homestead, even if it still owes money on it

Count asset if owned (even if not on homestead), or if asset is on homestead (even if not owned).

**Do not count** if not owned and not on homestead (such as a neighbor's cell phone that HH sometimes uses)

#### **Q8: Television**

Apply rules just discussed:

- Count only working/functioning TVs
- Count TVs if owned (even if not on homestead), or if TV is on homestead (even if not owned)
- Do not count TVs not owned or not on the homestead (such as TVs in tea shops or in neighbor's houses)

#### **Q9: Transport Assets**

- Apply 'owns or has on homestead' as for Q7, Q8
- Mark according to 'best' transport asset:
  - A, If no assets listed qualify
  - **B**, If only bicycle or non-motorized boat qualify
  - C, If any assets in C qualify, regardless of whether HH owns or has bicycle or row boat
- All assets in (C) are better than all assets in (B)

#### Q10, Part 1: Agricultural Job

Ask Q10 in 3 parts (not as worded on scorecard):

- 1. 'Is any household member's main job connected with agriculture, hunting, forestry, fishery, mining, or quarrying?'
  - Do not ask this question; mark based on Notes from back-page worksheet
  - Agriculture is short for 'agriculture, hunting, forestry, fishery, mining, or quarrying'

If no one's main job is in agriculture, mark 'B. Nonagricultural household', and go to end of interview, skipping parts 2 and 3 of Q10

## Q10, Part 2: Agricultural Land

Ask part 2 of Q10: 'Does any HH member own or have the right to use land for agriculture, forestry, pasture, livestock breeding, or water surfaces?'

- Agricultural land is 'land for agriculture, forestry, pasture, livestock breeding, or water surfaces'
- 'Right to use' means HH can exclude others from use because it owns it (even if rented, sharecropped, or pawned out) or if it rents, sharecrops, or borrows it in, or if it has govt. permit
- If HH has no agricultural land, mark 'A. Landless agricultural household', and go to end of interview, skipping part 3 of Q10

#### Q10, Part 3: Large farm animals

Ask part 3 of Q10: 'Does HH own any non-draught oxen, nondraught buffalo, cows, mythun, horses, or donkeys/mules?'

- Draught oxen and buffalos' main purpose is to do work such as pulling plows or carts. Baby animals raised to work count as draught. Do not count draught oxen nor draught buffalo
- Count all mythun, horses, and donkeys/mules regardless of draught status.
- Do not count sheep, pigs, goats, poultry, or other animals not listed in Q10
- If HH does not own large, non-draught animals, mark 'C. Ag. HH w/land, but no large farm animals'
- If HH owns large, non-draught animals, mark 'D. Ag. HH w/land and w/large farm animals'

#### At End of Interview

- Circle each response option and its points, and write the points in right-hand column
- Check that each question has one (and only one) response. If not, score cannot be computed
- Add up points to get score, and write score down
- Make sure all header information is complete
- Correct if needed before leaving
- Do not give respondent a copy of questionnaire
- Thank respondent, and say good-bye
- Submit scorecard to field-office data-entry person
- Key header and responses using Excel tool
- Maintain database and paper lists of scores

How to Deal with Exceptions?

What happens if HH is D or E by WR but A, B or C by scoring? (or vice versa)

- Not an issue in new project areas or if not targeting
- In project areas, ask 'Did HH become less poor?'
- How to permit exceptions, without allowing abuse?
  - Adapt current WR system for exceptions to review/request exceptions for scoring
  - Qualify all current D and E regardless of score?
- What does enumerator see that scoring misses?
  - Disabled
  - Small, elderly HHs with low income
  - Large HHs with many earners and high income

#### How to Fit Scoring w/Current Processes

- CDFs are enumerators
- Admin. assistants keep CDFs supplied with paper scorecards, key data, back up data, maintain lists of HHs scored and targeted, send data to Yangon
- Adapt existing WR processes for handling exceptions and for tracking:
  - Who has been scored/need to be scored
  - Targeting status of HHs
- UNDP/Yangon analyzes data, sets goals, measures progress, reports results, relates poverty data with other data

### **Sampling and Roll-out Approaches**

- Sampling approaches:
  - To estimate poverty rates, take random sample in current or potential project villages
  - To target specific HHs, census all HHs
- Approaches to roll-out:
  - Big push: Scoring HHs is main activity of CDFs and field offices for several weeks/months
  - Combine trips: For a few months, CDFs score HHs who they happen to meet as part of regular project work. Then do 'small push' for a few weeks to score remaining HHs

## **Use Scoring Data to Manage**

- To target, score HHs in 2012/13 (or when evaluating potential new project villages)
  - Could use WR to target HH, and scoring to target villages and measure change/impact. Depends on:
    - Costs
    - Whether scoring targets accurately enough

Or use scoring for all purposes

- **To measure change**, score again at project end (2015)
- To measure UNDP's impact, compare change between project villages and controls (best controls are villages that UNDP almost picked but did not)

## **Guidelines for Training Field Staff**

- Briefly decribe scorecard based on IHLCA data and adjusted with review and pilot test (10 min.)
- Focus on reviewing scorecard (especially 'Guidelines to Interpretation') (90 min.)
- As you review, give test questions to check understanding of 'Guidelines' (30 min.)
- CDFs role-play applying scorecard to each other, pretending they are villagers (20 min.)
- Accompany CDFs first day or two in villages
- Train for data-entry operators using documentation for Excel tool

# FOR MEASURING POVERTY AND TARGETING THE POOR, **POVERTY SCORING IS** SIMPLE, **INEXPENSIVE**, ACCURATE, **OBJECTIVE**, and TRANSPARENT.