

Related factor 1	Related factor 2	Question nr. Current Housing	Related Question Desired Housing	Related Question New Housing		Family 8	Family 11	Family 1	Family 4	Family 5					
BASELINE INTERVIEW QUESTIONS ON CURRENT HOUSING															
					question	yes/no	descriptive answer	yes/no	descriptive answer	yes/no	descriptive answer	yes/no	descriptive answer		
XIII	XVIII	1	nvt		Do you own the house you live in?	yes		no	Before, I lived with a house of my father, now I rent a house	yes		yes		no	
II		1a		2b&7	how is it financed?/did you need a loan, did you have savings		savings		n/a		from savings		from savings		
III		1b			how is it financed? Rental?		n/a		Rental, 800 per month		n/a		n/a		monthly rent
XVI	XIX	2			Does your house consists of one building or more?			1	1[old house]; 2[current house]			1	1		1
XVI	XIX	3		4	What is/are the sizes of buildings? (meters or feet)		7,2x4m		4x4m[old house]; 5x10m[current house]		6x12 feet		7x15m		16x12 feet
XVI	XIX	4		5	How many rooms does the house have?		2 room, 1 bedroom, one sitting room[it becomes bedroom during the night]		1[old house]; 2[current house]		5		9: 2 visitor rooms, 1 children bedroom, 1 master bedroom, 1 sitting room, 1 dining room, kitchen, storage, veranda		2
XVI	XIX	5		6	Is the house large enough for the whole family?	no		no		no		yes/not really	Farther answers yes; daughters - not really.	no	
XVI	XIX	5a			can you explain why?		n/a		n/a				We fit in [Father]		
XVI	XIX	5b		6a	can you explain why not?		Children need a separate bedroom		The house I lived in with my father was not mine. When I was alone it was ok., but after 2 child it was not enough. I moved to the current, rental house. It was 9 years ago.		Because of the size of the family; boys and girls need separate rooms; I need about 6 rooms; dining room is lacking		We need privacy [daughter], no room if the visitors that come are different sexes [father]		Needs more bedrooms; family consists of 4; cannot house visitor; it has only one sitting room
V	XVIII	6			Do you own the plot?	yes			yes [it's not the plot on which current house stands, it's a big plot, some 400m down the road]	yes		yes		no	I own one elsewhere; 200m from the current house; new house will be built there; loan for buying the plot is paid off
V	VIII	7	3b	11	What materials did you use to build the house? (please list material per phase: foundations, floor, walls, roof, finishes)		foundations: wooden posts floor: compacted soil, cow dung finish walls: posts, fito's(twigs), nails, mud (local), roof: posts, nails, mabati (Simba) finishes: cow dung (both sides) doors: cypress, softwood		foundations: post, trench filled with soil //[current] posts, soil floor: compacted soil, cow dung // compacted soil, cow dung walls: posts, fito's, mud, rope // off cuts roof: posts, fito's, rope, grass // posts, mabati's, nails finishes: cow dung (both sides) // door:offcuts (rough cuts) // off cuts		foundations: pals, marram, sand, cement floor: cement, walls: mud, pals, twigs, nails (soil from Chepchoina) roof: trusses (wood), mabati (Simba) finishes: cement doors/windows: cypress wood		foundations: hardcore, maram, floor: sand, cement, walls: mud (from the plot), pals(cypress), twigs(fito's), nails, roof: trusses (cypress), iron sheets, nails (Chepchoina) finishes: soil (from Kapkoi) doors/windows: cypress wood		He didn't build the current house; previous house he did: foundation: pals, soil filling floor: mud walls: pals with fitos(twigs) in- and outside, connected with nails, filled with local soil roof: branches(pals) with mabati finishes: cow dung inside, doors, windows: cypress timber frames
		8			In case the family has iron sheets:	x	x		n/a	x	x	x	x	-	-
XVI		8a			How does the iron sheet roof behave when it rains?		It makes a lot of noise		n/a		it makes a lot of noise		it makes a lot of noise, it's uncomfortable		not leaking; during a big rain can't hear other people; would prefer not to have that noise
XVI		8b			What is the temperature inside during the midday under the iron sheet roof?		it's very hot		n/a		it's hot when it's sunny		it's very hot		it's hot, too hot
II		8c			How much did the iron sheet roof cost?		10500		n/a		by then 4,50, needed 20 sheets		18 000 Ksh, (7,50 Ksh x 23)		7,50 per sheet; x20 per roof
VIII	II	8d			Was it expensive?	yes			n/a	yes	but it was necessary	yes		no	not cheap, it was moderate
VIII		8d1			if yes: Are there cheaper alternatives for roof material?	yes			n/a	no		no	We couldn't get grass	yes	
VIII		8d1a			if yes" I) Which are they?		grass		n/a		n/a		n/a		grass, but it's not available anymore; there are no more alternatives; it would catch fire easily

XVI	VIII	8d1b			How do they behave when it rains?		doesn't make noise but it can leak		n/a		n/a		you will not hear when it rains		it leaks; it's not loud
XVI	VIII	8d1c			How do they behave in full sun?		it's very comfortable, no negative effects		n/a		n/a		the house is cold		temperature is not high, it's cool
VIII		9		13	Why did you choose the iron sheets?		Iron sheet looks beautiful; it's modern; it's easy (to build)		n/a		It was available at that moment		There was no alternative. To get grass is a challenge because of [rising] population. You used to plant grass and then cut it. Now people won't allow you to cut their grass.		Because of the fire risk of grass; grass was not available
V	I	10	40	14	Are those materials locally available (walking distance or by using your own mean of transport)?		posts: not local sol: available fitos(twigs): not local nails: not local mabati's: not local door: not local		local		mud: yes, Chepchoina (Robinson) sand, cement: no, bought in Kitale timber/pals: yes, marram: yes, ADC farm iron sheets, nails: no, door/windows: yes, Chepchoina		hardcore - yes maram - yes, from Japata ADC[they could get it for free even though none of them works for this comany] sand - no - Kapkoi (~6km) cement - no - Kitale (~45km) mud - yes, own plot pals(cypress) - yes, own plot twigs(fito's) - no, from the forrest (~6-7km) nails - yes, Chepchoina trusses (cypress trees)- yes, own plot iron sheets - no, Kitale (~45km) soil - no, from Kapkoi cypress wood - yes, from local fundi		all apart from timber
II	I	10a	40a	14a	if yes: a. Did you have to pay for the materials or are there other ways of collecting/ acquire these materials		posts: bought sol: free fitos(twigs): bought nails: bought mabati's: bought door: bought	no	they were free (apart from door)		I paid for most of them		I paid for most of them [at least for transport]		didn't have to pay for timber, twigs, soil; paid for: roof timber and mabati's
XII	XIV	10b	40b	14b	if no: b. Did you bring materials yourself or did you hire somebody to do that for you?		posts: hired sol: myself fitos(twigs): hired nails: hired mabati's: hired door: hired		n/a		I hired someone for transport		I hired someone for transport		roof timber and mabati's - hired, paid for transport, rest - no.
XII	XIV	10c	40c	14c	If both:c. Please answer a+b		n/a		n/a		n/a		n/a		
V	VI	11		15	Are those materials local natural resources (e.g. mud or straw)or manufactured (e.g. cement, iron sheet)?			yes					hardcore - n maram - n sand - n cement - m		apart from mabati's all are natural
II	VIII	12	41	16	Are those materials expensive or cheap, please answer using the following scale? 1-very cheap, 2 - cheap, 3- affordable, 4- expensive, 5- very expensive		posts: 4 sol: 1 fitos(twigs): 4 nails: 4 mabati's: 5 door: 4		posts - free (1) compacted soil - free (1) fito's - free (1) rope - free (1) grass - free (1) cow dung - free (1) off cuts - 3		mud: 1 (it's free) sand: 3 cement: 4 timber/pals: 3 (it was 40, now it's 120) marram: 3 iron sheets: 4 nails: 3 door/windows: 4 (hired a fundi)		hardcore - 3 maram - 3 sand - 4 cement - 4 mud - 1 pals(cypress) - 2 twigs(fito's) - 3 nails - 4 trusses (cypress trees)- 2 iron sheets - 4 soil (finish) - 4 cypress wood - 3		3- affordable
XIII	XII,XIV	13	42	17&17 a&18& 19&19 a&20	Did you build your house yourself? (Please explain per construction phase: foundations, floor, walls, roof, finishes)?	no	I hired a fundi; foundation: fundi floor: myself with the family walls: myself with help from the church members roof: fundi door: placed by fundi	yes	[Previous house, the house of his father] Foundations - together Posts - together [roof] thatch - father only	both	I hired fundi to help me: foundation: with fundi floor: with fundi walls: self roof: fundi finishes: fundi windows. doors: fundi	both	foundations: myself floor: fundi (mixing cement) walls: myself with the family roof: myself finishes: myself with the family doors/windows: fundi (I didn't have the material)	no	worked instructed by hired fundi - digging, filling with the soil and floor did myself; the roof - only fundi
XII		13a		21	if yes: a. Did you have help		partially	yes		yes		not really		yes	

XII		13b	21a	From who?		family and church members		Father, sister, older brother, mum		spouse and community members		my family		community members
IV	I	13c	21b	What did they help you with?		small				mud and pals		walls		n/a
XII		13d	21c	Was it small or substantial help?	yes					moderate		n/a		n/a
IV	I	13e	43c	Were the community members able to help you with it? (did they have the necessary skills?)	yes		yes		yes			n/a		n/a
XII		13f	43a	Did the community members help you with it?	yes		no		yes			n/a	yes	
XII	IV	13f1		In which parts did they assist?		walls		n/a		mud and pals		n/a		n/a
IV		13f2	21d	Were these skilled or unskilled tasks		unskilled		n/a		unskilled		unskilled		n/a
II		13g	43d	21f	Did they do it for free or were they compensated?	yes		n/a		compensated		n/a		compensated
II		13g1	43d1	21g	If compensated: In what form were they compensated? (did you help them in return, did you provide the with meals, did you pay them?)		food		n/a		money		n/a	provided with food
XIV		13h	43e	21h	if no: h. Did you hire labour?	yes		n/a	yes		yes		yes	
XIV		13i	43e	21i	Were the workers for all or some of the work?		some		n/a		most of works		for the floor and making the doors	some
VIII	V	13j	21k	Why did you hire labour?		I didn't have the skill		n/a		I didn't have the experience		I didn't have knowledge [mixing], I didn't have the material [doors and windows]		I didn't have the skills
V		13j1	48	21l	If lack of knowledge was the problem: I. Would you have built the house yourself if you would have known how to do it?	yes		n/a		I wasn't interested, I could have done it myself		yes	yes	
V		14	44b&47	22	To what extend do you have the knowledge to build in this way (with this method)?		A little		I can build this way		A little; I have very little experience in measuring, digging, raising, roofing		very high	digging, filling the walls and floor
V	IV, VII	15	23&23a		How and when were you trained to build this way?		By observing the family and neighbours		By my father, friend and neighbour		From my parents, looking how they were doing it, also observing the community		From my father, I was observing how he built his house and I copied. That's why I include my whole family in building [now]	By the family member when I was young; by observing and doing; digging and wall construction was explained by fundi
XV	XVIII	16	47a&b	25&25a	Could you extend or duplicate the house by yourself?	yes		yes	no		yes	apart the floor	no	I would need fundi
V	IV	17	48a		Did you help any other community member constructing their house?	no		yes	A lot (about 100 houses)	no	I didn't have the time	yes	yes	As unskilled labour
V	IV	17a			a. Did you helped the people that helped you?		n/a	yes		n/a	no		yes	
V	IV	17b			What did you help with, what did you do?		n/a		all elements of the house		n/a		with measuring, digging and the roof	digging, twigs
XIX		18	26		Are you satisfied with your current house?	no		no	no		not really		no	
XVI	XIX,XI	18a	26a		if yes: a. What do you like about the house?		n/a		n/a		n/a		n/a	n/a
XVI	XIX,XI	18b	26b		b. What makes your house special?		n/a		n/a		n/a		n/a	n/a
XVI	XIX,XI	18c	26c		if no: c. What don't you like about the house?		It's not comfortable, too small (not enough room); there's a need for a separate bathroom; shape[it looks like a school]; I don't like mud walls		material, size, environment (location at the market)		It's too short, it's not spacious; It does not accommodate the whole family		We have rats because of the holes in the walls	space; construction of walls and floor
XIX		18c1			Why don't you like it?		n/a	x	x		n/a		in the rain season, rain washed away the walls, it makes holes, so we have to repair it	floor is dusty, encourages fleas
XVI		18c2	26d		What could you change to make it more likeable?		Remove walls, cement the floor, expand it; have a different wall - rough cuts as finish		materials of the whole house		I would raise it up, change the plan of the compound; we need a house suitable for putting electricity in		We are growing old so we don't want to [keep] going to Kapkoi for soil to fix the walls. [permanent house] gives the time to do other jobs; Unemployed boys water the walls to make holes and to break in	I would try to mend the floor; use modern materials (brick wall), floor - cement, roof - reduce temperature, e.g. put ceiling in, plastering, installing a gutter
VII		19	27		What does your house have in common with other houses in the community?		Mud; no cement		off cuts, mabati's		iron sheet roof, wooden doors and windows, mud walls, floor material; shape is different		They are almost the same, only difference is we have cement floor	Majority of houses are made out of the same materials; shape (rectangular); they look alike
XVII		20	44		Did your house already need repairs?	yes		yes		yes	yes		yes	
XVI		21	44a		What did you need to repair?		Walls		off cuts, floor, mabati's		walls		walls, fito's, iron sheets	walls

XVI		22	45		How frequently do you need to repair the house		every 6 months, within a month after raining season		weekly		not so often: after 5 years I've redone the walls,		Every rain season		once a year
XVI		22a			a. Which component(s) need a lot of repair?		walls		floor (weekly), roof (once), walls (need to be redone)		walls		walls		walls
V	XV	22b	47a		What type of things/components of the house do you repair yourself?		walls		all		walls		everything apart from the cement floor		walls
V	XV	22c	47a		What type of things/components of the house can't you repair yourself		the roofing, doors		none		roofing, windows		cement floor		roof
XV	V	23	47	23	Do you know how to repair your house? (walls, floor, roof)	both		yes		both	I can repair walls, for roof I need fundi	yes	I need fundi to repair the cement floor if it breaks	yes	
XVIII	V	23a			if yes: Do you repair your house yourself?	yes		yes		yes	walls	yes	walls		yes, apart from the roof
XVIII	II	23b	47b	24a	a. Could you still afford the repairs if you your income got smaller?		walls yes, roof no	yes		no		yes	(we can use the local soil)		no, I couldn't; it depends; sometimes specific soil is not available. For this soil you need to pay(cow dung needs compatible soil, so does the floor); small damage to the roof he could afford, but it would take time to save up
XV	XIV	23c	47c	24b	if not: c. Do you need to hire somebody to do it for you?	yes			n/a	yes	for roof		n/a		
XVIII	II	23d	47d	24c	Can you afford that?		walls yes, roof no		n/a	yes			n/a		
XIV	VIII	23e	47c		Do you do that [hire somebody to repair your house]?	yes	carpenter and a fundi		n/a		n/a		n/a		
XVIII	II	23f	47e	24d	Could you afford it if you would lose your income?	no			n/a	no			n/a		
II		24	59	28	How much did the whole house cost?		40.000	x	x		120.000		80 200 Ksh		29 000; 7000 hiring fundi
VIII	XIX	25			Would you have preferred to build your house differently?	yes		yes		yes		yes			no, because I had no money
X	XII,XVI	26			What would you have done differently?		walls: not mud ones, or improved ones; maybe bricks with cement plaster finish floor: cement it; concrete floor		I would use block, sand, concrete floor		Look for the plan (design); Plan according to the family [size] Build it in a modern way: = kitchen inside the house, with bathroom and toile - self contained house; Materials: bricks, sand, timber, blocks (stone), plaster and paint		Walls - brick+ plaster (both sides)		I would like a modern house: bricks, plaster, extend the house to be bigger, corrugated mabati
VIII		27			Why didn't you build your house like that?		I didn't have enough funds		lack of finance		Because of the size of the plot, finance; Time was crucial		No funds		Lack of funds
V	VI	27a			If the answer insufficient fund (or similar): a. What is the cause of such high price (e.g. materials, method)?		materials		materials		hiring labour; materials(not local), transport		materials, distance for transport and fundis [hiring labour]		material and the need to hire a specialist
V		28			Did you have knowledge how to build all the elements of this house yourself?	no		no		no		no		no	I would have to hire fundi
V	II	28a			If yes: explain why you didn't build this house yet		n/a		n/a		n/a		n/a		n/a
IV		28b			If no: is there anybody in the community that could teach you that for free?	no						no		no	
VI	XIV	28c			is it so complicated you need to hire skilled labour to do it for you?	yes				yes		yes		yes	
V		29			Would you prefer to build a house that you have sufficient building knowledge of?	yes		yes		yes	I think I do	yes		yes	
VIII	V	30			Would you prefer to build the house by yourself (and your community) or to hire labour?		Myself		I would prefer to hire		Myself with the community		Father: myself, Daughters and Mother: Hire		myself with the community
VI		30a			If by yourself: a. Do you think that you would need the knowledge/help of the engineer and the student?	yes			n/a	yes		yes		yes	
VI	IX	30b			For which aspects would you need the knowledge and help of the engineer and the student?		all elements		n/a		plan; direct on the ground works, most of the techniques [building methods]		Bricks[masonry work], and mixing ratios		roof, design, mixing ratio's; basically every part of the house
II		30c			If hire: c. Would have enough money to buy materials and hire labour?		n/a	no			n/a		n/a		n/a
VIII	X	31	46		Would you consider alternative materials that are cheaper, but have similar characteristics as your preferred materials?	yes		yes		yes	I think I would (local materials or other that are cheap)	yes	We prefer the cheapest but long-lasting way	yes	

V		32	47		Would you consider building method that is closer to your building knowledge?	yes		yes	I want a house with modern materials	yes	Times are changing, I think I need to be assisted, but I would like to do it myself	yes/doubt	Family would prefer bricks	yes	
V		33	48		Would you be interested to learn how to build with the materials/methods yourself?	yes		yes		yes		yes		yes	
VIII		33a			If yes: a. Why?		Because I can build later all by myself		Because houses are not durable; I want a change; It's a new generation		Because I want to benefit from the exercise and after to assist other community members with their houses		Because we want to learn (children will go their own way, they will be able to build their houses if they know how)		So that in the future I can build myself. Also when it comes to repair