

ES/P002501/1 Improving Organic Resource use in rural Ethiopia (IPORE)

Variable Descriptions – Update Round 2

File hhdata-round2.dta

No	variable name	Type 1= numeric, 0= String	Value label used	description
1	chhid	1		cross survey household id - where HH not matched missing
2	hhid2	1		numeric household identifier update survey
3	totalland_holding_timad	1		total land holding measured in timad
4	own_cultivatedland_timad	1		own cultivated land in timad
5	land_rentedin	1		rented in land in timad
6	land_rentedout	1		rented out land in timad
7	land_sharedin	1		shared in land in timad
8	land_sharedout	1		shared out land in timad
9	land_irrigatedland	1		total irrigatable land in timad
10	land_private_grazingland	1		private grazing land in timad
11	land_settlement_and_backyardland	1		settlement and backyard land in timad
12	numberof_plots0	1		number of plots operated on
13	belgcrop_teff	1	yesno	Teff grown
14	belgcrop_maize	1	yesno	Maize grown
15	belgcrop_wheat	1	yesno	Wheat grown
16	belgcrop_haricot	1	yesno	Haricot Bean grown
17	belgcrop_fmillet	1	yesno	Finger Millet grown
18	belgcrop_sorghum	1	yesno	Sorghum grown
19	belgcrop_pepper	1	yesno	Pepper grown
20	belgcrop_potato	1	yesno	Potato grown
21	belgcrop_khat	1	yesno	Khat grown
22	belgcrop_coffee	1	yesno	Coffee grown
23	belgcrop_other	1	yesno	Other grown
24	teff_area_timad	1		Teff Area planted in Timad
25	maize_area_timad	1		Maize Area planted (Timad)
26	wheat_area_timad	1		Wheat Area planted (Timad)
27	haricotbean_area_timad	1		Haricot Area planted (Timad)

28	fingermillet_area_timad	1		Fingermillet Area planted (Timad)
29	sorghum_area_timad	1		Sorghum Area planted (Timad)
30	pepper_area_timad	1		Pepper Area planted (Timad)
31	potato_area_timad	1		Potato Area planted (Timad)
32	khat_area_timad	1		Khat Area in Timad
33	khat_prod_qt	1		Khat Amount of production in Quintal
34	khat_sold_qt	1		Khat Amount sold in Quintal
35	khat_consumed_qt	1		Khat Amount used for own household consumption in Quintal
36	coffee_area_timad	1		Coffee Area in Timad
37	coffee_prod_qt	1		Coffee Amount of production in Quintal
38	coffee_sold_qt	1		Coffee Amount sold in Quintal
39	coffee_consumed_qt	1		Coffee Amount used for own household consumption in Quintal
40	other_desc	0		What is the main other crop grown?
41	other_area_timad	1		Other Area in Timad
42	other_prod_qt	1		Other Amount of production in Quintal
43	other_sold_qt	1		Other Amount sold in Quintal
44	other_consumed_qt	1		Other Amount used for own household consumption in Quintal
45	stored_crop	1	yesno	Does the household have any crop stored from the previous production season?
46	st_sorg	1	yesno	Crop Stored Sorghum
47	st_teff	1	yesno	Crop Stored Teff
48	st_maize	1	yesno	Crop Stored Maize
49	st_wheat	1	yesno	Crop Stored Wheat
50	st_har	1	yesno	Crop Stored Haricoatbean
51	st_pep	1	yesno	Crop Stored Pepper
52	st_mill	1	yesno	Crop Stored Millet
53	st_pot	1	yesno	Crop Stored Potato
54	st_other	1	yesno	Crop Stored Other
55	stother_txt	1		Crop Stored If other, please specify
56	stq_sorg	1		Crop Stored quantity in kg Sorghum
57	stq_teff	1		Crop Stored quantity in kg Teff
58	stq_maize	1		Crop Stored quantity in kg Maize
59	stq_wheat	1		Crop Stored quantity in kg Wheat
60	stq_har	1		Crop Stored quantity in kg Haricoatbean
61	stq_pep	1		Crop Stored quantity in kg Pepper
62	stq_mill	1		Crop Stored quantity in kg Millet
63	stq_pot	1		Crop Stored quantity in kg Potato
64	stq_other	1		Crop Stored quantity in kg Other
65	grain_sale	1	yesno	Has the household sold crop from the last season harvest during the last 6 month
66	sal_sorg	1	yesno	Crop sold in last 6 months Sorghum
67	sal_teff	1	yesno	Crop sold in last 6 months Teff
68	sal_maize	1	yesno	Crop sold in last 6 months Maize
69	sal_wheat	1	yesno	Crop sold in last 6 months Wheat
70	sal_har	1	yesno	Crop sold in last 6 months Haricoatbean
71	sal_pep	1	yesno	Crop sold in last 6 months Pepper
72	sal_mill	1	yesno	Crop sold in last 6 months Millet
73	sal_pot	1	yesno	Crop sold in last 6 months Potato

74	sal_other	1	yesno	Crop sold in last 6 months Other
75	salother_txt	1		Crop sold in last 6 months If other, please specify most important crop by value
76	salq_sorg	1		Quantity Crop sold in last 6 months in kg Sorghum
77	salq_teff	1		Quantity Crop sold in last 6 months in kg Teff
78	salq_maize	1		Quantity Crop sold in last 6 months in kg Maize
79	salq_wheat	1		Quantity Crop sold in last 6 months in kg Wheat
80	salq_har	1		Quantity Crop sold in last 6 months in kg Haricoatbean
81	salq_pep	1		Quantity Crop sold in last 6 months in kg Pepper
82	salq_mill	1		Quantity Crop sold in last 6 months in kg Millet
83	salq_pot	1		Quantity Crop sold in last 6 months in kg Potato
84	salq_other	1		Quantity Crop sold in last 6 months in kg Other
85	salp_sorg	1		Average price sales crops in BIRR/kg Sorghum
86	salp_teff	1		Average price sales crops in BIRR/kg Teff
87	salp_maize	1		Average price sales crops in BIRR/kg Maize
88	salp_wheat	1		Average price sales crops in BIRR/kg Wheat
89	salp_har	1		Average price sales crops in BIRR/kg Haricoatbean
90	salp_pep	1		Average price sales crops in BIRR/kg Pepper
91	salp_mill	1		Average price sales crops in BIRR/kg Millet
92	salp_pot	1		Average price sales crops in BIRR/kg Potato
93	salp_other	1		Average price sales crops in BIRR/kg Other
94	mpat_sorg	1	markpat	Marketing pattern Sorghum
95	mpat_teff	0	markpat	Marketing pattern Teff
96	mpat_maize	1	markpat	Marketing pattern Maize
97	mpat_wheat	1	markpat	Marketing pattern Wheat
98	mpat_har	1	markpat	Marketing pattern Haricoatbean
99	mpat_pep	0	markpat	Marketing pattern Pepper
100	mpat_mill	1	markpat	Marketing pattern Millet
101	mpat_pot	1	markpat	Marketing pattern Potato
102	mpat_other	1	markpat	Marketing pattern Other
103	grainyesno	1	yesno	Has the household bought crops from the market for its own consumption during th
104	pur_sorg	1	yesno	Household bought crops from the market for its own consumption during the last 6 months - Sorghum
105	pur_teff	1	yesno	Household bought crops from the market for its own consumption during the last 6 months - Teff
106	pur_maize	1	yesno	Household bought crops from the market for its own consumption during the last 6 months - Maize
107	pur_wheat	1	yesno	Household bought crops from the market for its own consumption during the last 6 months - Wheat
108	pur_har	1	yesno	Household bought crops from the market for its own consumption during the last 6 months - Haricoatbean
109	pur_pep	1	yesno	Household bought crops from the market for its own consumption during the last 6 months - Pepper

110	pur_mill	1	yesno	Household bought crops from the market for its own consumption during the last 6 months - Millet
111	pur_pot	1	yesno	Household bought crops from the market for its own consumption during the last 6 months - Potato
112	pur_other	1	yesno	Household bought crops from the market for its own consumption during the last 6 months - Other
113	purother_txt	1		Household bought crops from the market for its own consumption during the last 6 months - If other, please specify most important crop by quantity
114	purq_sorg	1		Quantity in kg bought for own consumption during the last 6 months -Sorghum
115	purq_teff	1		Quantity in kg bought for own consumption during the last 6 months -Teff
116	purq_maize	1		Quantity in kg bought for own consumption during the last 6 months -Maize
117	purq_wheat	1		Quantity in kg bought for own consumption during the last 6 months -Wheat
118	purq_har	1		Quantity in kg bought for own consumption during the last 6 months -Haricoatbean
119	purq_pep	1		Quantity in kg bought for own consumption during the last 6 months -Pepper
120	purq_mill	1		Quantity in kg bought for own consumption during the last 6 months -Millet
121	purq_pot	1		Quantity in kg bought for own consumption during the last 6 months -Potato
122	purq_other	1		Quantity in kg bought for own consumption during the last 6 months -Other
123	purp_sorg	1		Average Price in BIRR/kg purchases Sorghum
124	purp_teff	1		Average Price in BIRR/kg purchases Teff
125	purp_maize	1		Average Price in BIRR/kg purchases Maize
126	purp_wheat	1		Average Price in BIRR/kg purchases Wheat
127	purp_har	1		Average Price in BIRR/kg purchases Haricoatbean
128	purp_pep	1		Average Price in BIRR/kg purchases Pepper
129	purp_mill	1		Average Price in BIRR/kg purchases Millet
130	purp_pot	1		Average Price in BIRR/kg purchases Potato
131	purp_other	1		Average Price in BIRR/kg purchases Other
132	ppat_sorg	0		Average Price in BIRR/kg purchases Sorghum
133	ppat_teff	0		Average Price in BIRR/kg purchases Teff
134	ppat_maize	0		Average Price in BIRR/kg purchases Maize
135	ppat_wheat	1	markpat	Purchasing pattern Wheat
136	ppat_har	1	markpat	Purchasing pattern Haricoatbean
137	ppat_pep	1	markpat	Purchasing pattern Pepper
138	ppat_mill	0	markpat	Purchasing pattern Millet
139	ppat_pot	1	markpat	Purchasing pattern Potato
140	ppat_other	1	markpat	Purchasing pattern Other
141	croppresidue2feed_animals	1	yesno	Over the last 6 months. Have you used crop residue for animal feed?
142	croppresidue4_firewood	1	yesno	Over the last 6 months. Have you used crop residue for firewood ?
143	croppresidue4_soilfertility	1	yesno	Over the last 6 months. Have you used crop residue to improve soil fertility?

144	croppresidue4_compost	1	yesno	Over the last 6 months. Have you used crop residue for compost?
145	croppresidue4_houseandfence	1	yesno	Over the last 6 months. Have you used crop residue for housing or fencing?
146	croppresidue4_income	1	yesno	Over the last 6 months. Have you sold crop residue for income?
147	croppresidue4_buy	1	yesno	Over the last 6 months. Have you bought crop residue for any purpose?
148	mcrop_feed1	1	major_crop_resid	Crop residue use for Feed the first major crop used
149	perc_feed1	1		Crop residue use for Feed percentage of this crop residue used
150	mcrop_feed2	1	major_crop_resid	Crop residue use for Feed second major crop used
151	perc_feed2	1		Crop residue use for Feed percentage of this crop residue used
152	dys_crpres_food	1		Over the last 6 months, on average how many days per week have you used crop residue for animal feed?
153	omcrop_feed1	1		If Other used for first major crop for feed, please specify
154	omcrop_feed2	0		If Other used for second major crop for feed, please specify
155	mcrop_firewd1	1	major_crop_resid	Crop residue use for fuel over the last six months, what was the first major crop used
156	perc_firewd1	1		Crop residue use for fuel over the last six months, what was percentage of this crop residue used
157	mcrop_firewd2	1	major_crop_resid	Crop residue use for fuel over the last six months, what was second major crop used
158	perc_firewd2	1		Crop residue use for fuel over the last six months, what was percentage of this crop residue used
159	dys_crpres_fuel	1		Over the last 6 months, on average how many days per week have you used crop residue as the main fuel?
160	omcrop_fuel1	0		If Other used for first major crop for fuel, please specify
161	omcrop_fuel2	0		If Other used for second major crop for fuel, please specify
162	mcrop_fert1	1	major_crop_resid	Crop residue use for soil fertility over the last six months, what was the first major crop used
163	perc_fert1	1		Crop residue use for soil fertility over the last six months, what was percentage of this crop residue used
164	mcrop_fert2	1	major_crop_resid	Crop residue use for soil fertility over the last six months, what was second major crop used
165	perc_fert2	1		Crop residue use for soil fertility over the last six months, what was percentage of this crop residue used
166	omcrop_fert1	0		If Other used for first major crop for soil fertility, please specify
167	omcrop_fert2	0		If Other used for second major crop for soil fertility, please specify
168	mcrop_comp1	1	major_crop_resid	Crop residue use for composting over the last six months, what was the first major crop used
169	perc_comp1	1		Crop residue use for composting over the last six months, what was percentage of this crop residue used

170	mcrop_comp2	1	major_crop_resid	Crop residue use for composting over the last six months, what was second major crop used
171	perc_comp2	1		Crop residue use for composting over the last six months, what was percentage of this crop residue used
172	omcrop_comp1	1		If Other used for first major crop for composting, please specify
173	omcrop_comp2	0		If Other used for second major crop for composting, please specify
174	mcrop_hsefence	1	major_crop_resid	Crop residue use major crop used for housing and fencing over last 6 months
175	percent_housefence	1		Crop residue use percentage of crop residue used for housing and fencing over last 6 months
176	omcrop_hsefence	0		If Other used for major crop for housing and fencing please specify
177	mcrpres_inc1	1	major_crop_resid	Crop residue sold for income over the last six months, what was the first major crop sold
178	perc_crpresinc1	1		Crop residue sold for income over the last six months, what was percentage of this crop residue sold
179	mcrpres_inc2	1	major_crop_resid	Crop residue sold for income over the last six months, what was second major crop used
180	perc_crpresinc2	1		Crop residue sold for income over the last six months, what was percentage of this crop residue sold
181	percent_income4	1		Crop residue sold for income over the last six months, what was over the last 6 months, what percentage of total crop residue has been sold?
182	omcrop_inc1	1		If Other used for first major crop for income, please specify
183	omcrop_inc2	1		If Other used for second major crop for income, please specify
184	mcrpres_exp1	1	major_crop_resid	crop residue bought for income over the last six months, what was first major type of crop residue bought
185	perc_inc12	1		crop residue bought for income over the last six months, what was percentage of this crop residue use which was bought
186	mcrpres_exp2	1	major_crop_resid	crop residue bought for income over the last six months, what was second major type of crop residue bought
187	perc_inc13	1		crop residue bought for income over the last six months, what was percentage of this crop residue use which was bought
188	percent_exp4	1		over the last 6 months, what percentage of total crop residue being used has been bought?
189	omcrop_exp1	0		If Other used for first major crop residue purchases, please specify
190	omcrop_exp2	1		If Other used for second major crop residue purchases, please specify
191	house_ownership	1	yesno	Do you own a house?
192	roof_material	1	roof_material	What is the major construction material use to make the roof of the house?
193	wall_material	1	wall_material	What is the major construction material use to make the walls of the house?
194	floor_material	1	floor_material	What is the major construction material use to make the floor of the house
196	tv_sales	1		Changes in last 6 months TV sold (number)
197	tv_purch	1		Changes in last 6 months TV bought (number)

198	radio_sales	1		Changes in last 6 months Radios sold (number)
199	radio_purch	1		Changes in last 6 months Radios bought (number)
201	bike_sales	1		Changes in last 6 months Bikes sold (number)
202	bike_purch	1		Changes in last 6 months Bikes bought (number)
203	mbike_sales	1		Changes in last 6 months Motorbikes sold (number)
204	mbike_purch	1		Changes in last 6 months Motorbikes bought (number)
205	mobphone_sales	1		Changes in last 6 months Mobilephones sold (number)
206	mobphone_purch	1		Changes in last 6 months Mobilephones bought (number)
207	weekly_mobile_expenditure	1		Changes in last 6 months weekly expenditure on mobile phone
209	tradstove_sales	1		Changes in last 6 months Traditional cookstoves sold (number)
210	tradstove_purch	1		Changes in last 6 months Traditional cookstoves bought (number)
211	imprstove_sales	1		Changes in last 6 months Improved cookstoves sold (number)
212	imprstove_purch	1		Changes in last 6 months Improves cookstoves bought (number)
214	plough_sales	1		Changes in last 6 months Ploughs sold (number)
215	plough_purch	1		Changes in last 6 months Ploughs bought (number)
216	cart_sales	1		Changes in last 6 months Carts sold (number)
217	cart_purch	1		Changes in last 6 months Carts bought (number)
218	sewmach_sales	1		Changes in last 6 months Sewing Machines sold (number)
219	sewmach_purch	1		Changes in last 6 months Sewing machine bought (number)
220	weeklymb_fuel_liter	1		fuel of weeklyMB liter
221	weeklymb_fuel_expenditure_birr	1		fuel_expenditure of weeklyMB expenditure
222	weeklygrindingm_fuel_liter	1		fuel of weeklyGrindingM liter
223	week_grindfuel_exp	1		fuel_expenditure of weeklyGrindingM expenditure
224	numberof_plots	1		number of plots currently operated on
225	tree_plant_fu	1	yesno	In last 6 months plant trees for fuel?
226	tree_plant_fo	1	yesno	In last 6 months plant trees for fodder?
227	tree_plant_fr	1	yesno	In last 6 months plant trees for fruit ?
228	tree_use_fu	1	yesno	In last 6 months use trees or tree products for fuel ?
229	tree_use_fo	1	yesno	In last 6 months use trees or tree products for fodder?
230	tree_use_fr	1	yesno	In last 6 months use trees or tree products for fruit consumption?
231	tree_sppl	0	Treespp	Tree species planted by the household in the last 6 months
232	tree_spus	1	Treespp	Tree species used by the household in the last 6 months
233	n_fueltrees	1		number of trees planted mainly for fuel by the household over the last 6 months

234	fueltrees_cut	1		number of trees cut by the household for own fuel consumption over the last 6 mo
235	fueltree_sold	1		number of trees for fuel cut by the household for sale over the last 6 months
236	fueltree_income	1		amount of income generate from the sale of fuel wood trees
237	n_foddertrees	1		number of trees planted mainly for fodder by the household over the last 6 month
238	fodtrees_cut	1		number of trees cut by the household for own fodder consumption over the last 6
239	fodtree_sold	1		number of trees cut by the household for fodder sold over the last 6 months
240	fodtree_income	1		amount of income generate from the sale of fooder trees
241	n_fruittrees	1		number of trees planted mainly for fruit by the household over the last 6 months
242	fruittrees_cons	1		number of trees cut by the household for own fruit consumption over the last 6 m
243	fruittree_sold	1		number of trees cut by the household for sale over the last 6 months
244	fruittree_income	1		amount of income generate from the sale of fruit (BIRR)
245	euc_planted	1	yesno	Did the household used Eucalyptus for fuel or construction purpose
246	euc_treenumber	1		number of eucalyptus trees the household has
247	euc_owncons	1		number of eucalyptus trees used by the household for own consumption over the la
248	euc_sold	1		number of eucalyptus trees sold over the last 6 months
249	euc_price	1		What was the average price the household sold eucalyptus over the last 6 months - BIRR/tree
250	euc_income	1		income generated from the sale of eucalypus by the household over the last 6 months - BIRR
251	grass_collect	1	yesno	Did you collect grass in the last 6 months?
252	grass_source	0	grass_source	source of grass collection
253	grass_freq	1	grass_freq	How frequently did you collect grass over the last 6 months?
254	grass_time	1		How long does it take to collect grass on average? (hours per trip)
255	grass_bought	1	yesno	Have you bought grass for the household over the last 6 months?
256	grass_amount	1		Amount of grass bought
257	grass_unit	0		Unit for grass purchased
258	grass_price	1		Unit Price for grass purchased
259	oxen_nown	1		What number of Oxen owned
260	bull_nown	1		What number of Bulls owned
261	cow_nown	1		What number of Cows owned
262	heifer_nown	1		What number of Heifers owned
263	calf_nown	1		What number of Calfs owned
264	livech_ox	1	yesno	During the last six months, has there been a change in the number of Oxen owned
265	livech_bull	1	yesno	During the last six months, has there been a change in the number of Bulls owned
266	livech_cow	1	yesno	During the last six months, has there been a change in the number of Cows owned
267	livech_hef	1	yesno	During the last six months, has there been a change in the number of Heifers owned

268	livech_calf	1	yesno	During the last six months, has there been a change in the number of Calfs owned
269	purch_ox	1		Oxen purchased
270	sold_ox	1		Oxen sold
271	slau_ox	1		Oxen slaughtered
272	died_ox	1		Oxen died
273	born_ox	1		Oxen born or developed from own herd
274	givgift_ox	1		Oxen given as gift
275	recgift_ox	1		Oxen received as gift
276	share_ox	1		Oxen received/given as part of sharing arrangement
277	purch_bull	1		Bulls purchased
278	sold_bull	1		Bulls sold
279	slau_bull	1		Bulls slaughtered
280	died_bull	1		Bulls died
281	born_bull	1		Bulls born or developed from own herd
282	givgift_bull	1		Bulls given as gift
283	recgift_bull	1		Bulls received as gift
284	purch_cow	1		Cows purchased
285	sold_cow	1		Cows sold
286	slau_cow	1		Cows slaughtered
287	died_cow	1		Cows died
288	born_cow	1		Cows born or developed from own herd
289	givgift_cow	1		Cows given as gift
290	recgift_cow	1		Cows received as gift
291	purch_hef	1		Heifer purchased
292	sold_hef	1		Heifer sold
293	slau_hef	1		Heifer slaughtered
294	died_hef	1		Heifer died
295	born_hef	1		Heifer born or developed from own herd
296	givgift_hef	1		Heifer given as gift
297	recgift_hef	1		Heifer received as gift
298	purch_calf	1		Calfs purchased
299	sold_calf	1		Calfs sold
300	slau_calf	1		Calfs slaughtered
301	died_calf	1		Calfs died
302	born_calf	1		Calfs born or developed from own herd
303	givgift_calf	1		Calfs given as gift
304	recgift_calf	1		Calfs received as gift
305	sheep_nown	1		What number of Sheep owned
306	goat_nown	1		What number of Goats owned
307	donkey_nown	1		What number of Donkeys owned
308	mule_nown	1		What number of Mules owned
309	horse_nown	1		What number of Horses owned
310	chicken_nown	1		What number of Chickens owned
311	livech_sh	1	yesno	During the last six months, has there been a change in the number of Sheep owned
312	livech_goat	1	yesno	During the last six months, has there been a change in the number of Goats owned
313	livech_donk	1	yesno	During the last six months, has there been a change in the number of Donkeys owned

314	livech_mule	1	yesno	During the last six months, has there been a change in the number of Mules owned
315	livech_hse	1	yesno	During the last six months, has there been a change in the number of Horses owned
316	livech_chick	1	yesno	During the last six months, has there been a change in the number of Chickens owned
317	purch_sh	1		Sheep purchased
318	sold_sh	1		Sheep sold
319	slau_sh	1		Sheep slaughtered
320	died_sh	1		Sheep died
321	born_sh	1		Sheep born
322	givgift_sh	1		Sheep given as gift
323	recgift_sh	1		Sheep received as gift
324	purch_goat	1		Goats purchased
325	sold_goat	1		Goats sold
326	slau_goat	1		Goats slaughtered
327	died_goat	1		Goats died
328	born_goat	1		Goats born
329	givgift_goat	1		Goats given as gift
330	recgift_goat	1		Goats received as gift
331	purch_donk	1		Donkeys purchased
332	sold_donk	1		Donkeys sold
333	slau_donk	1		Donkeys slaughtered
334	died_donk	1		Donkeys died
335	born_donk	1		Donkeys born
336	givgift_donk	1		Donkeys given as gift
337	recgift_donk	1		Donkeys received as gift
338	purch_mule	1		Mules purchased
339	sold_mule	1		Mules sold
340	slau_mule	1		Mules slaughtered
341	died_mule	1		Mules died
342	born_mule	1		Mules born
343	givgift_mule	1		Mules given as gift
344	recgift_mule	1		Mules received as gift
345	purch_hse	1		Horses purchased
346	sold_hse	1		Horses sold
347	slau_hse	1		Horses slaughtered
348	died_hse	1		Horses died
349	born_hse	1		Horses born
350	givgift_hse	1		Horses given as gift
351	recgift_hse	1		Horses received as gift
352	purch_chick	1		Chickens purchased
353	sold_chick	1		Chickens sold
354	slau_chick	1		Chickens slaughtered
355	died_chick	1		Chickens died
356	born_chick	1		Chickens born
357	givgift_chick	1		Chickens given as gift
358	recgift_chick	1		Chickens received as gift
359	animal_dung_collected	1		Over the last 3 months, on average how much animal dung was collected each week - kg

360	animal_dung_collection_frequency	1	animal_dung_collection_frequency	on average how frequently is dung collected
361	animal_dung_ustype	1		Over last 3 months approx what % of dung collected was sold?
362	animal_dung_ownership_firewood	1		Over last 3 months approx what % of dung collected was used for fuel
363	animal_dung_ownership_organicm	1		Over last 3 months approx what % of dung collected was used for organic matter ?
364	dungownership_stalk_drying	1		Over last 3 months approx what % of dung collected was used for stalk piling and drying?
365	animal_dung_ownership_composting	1		Over last 3 months approx what % of dung collected was for composting?
366	feedtypes	0		What types of animal feed have you used over the last 3 months?
367	feed_ownership_ss	1		Animal feed used over the last 3 months Sorghum kgown grown crop used as an animal feed
368	feed_purchased_ss	1		Animal feed used over the last 3 months Sorghum kgpurchased from the market for animal feed
369	moneypaid_ss	1		Animal feed used over the last 3 months Sorghum Birramount paid
370	feed_ownership_maz	1		Animal feed used over the last 3 months Maize kg own grown crop used as an animal feed
371	feed_purchased_maz	1		Animal feed used over the last 3 months Maize kg purchased from the market for animal feed
372	moneypaid_maz	1		Animal feed used over the last 3 months Maize Birramount paid
373	feed_ownership_whe	1		Animal feed used over the last 3 months Wheat kg own grown crop used as an animal feed
374	feed_purchased_whe	1		Animal feed used over the last 3 months Wheat kg purchased from the market for animal feed
375	moneypaid_whe	1		Animal feed used over the last 3 months Wheat BIRR amount paid
376	feed_ownership_tef	1		Animal feed used over the last 3 months Teff BIRRown grown crop used as an animal feed
377	feed_purchased_tef	1		Animal feed used over the last 3 months Teff kgpurchased from the market for animal feed
378	moneypaid_tef	1		Animal feed used over the last 3 months Teff kgamount paid
379	feed_ownership_mil	1		Animal feed used over the last 3 months Millet kggrown crop used as an animal feed
380	feed_purchased_mil	1		Animal feed used over the last 3 months Millet BIRRpurchased from the market for animal feed
381	moneypaid_mil	1		Animal feed used over the last 3 months Millet kgamount paid
382	feed_ownership_har	1		Animal feed used over the last 3 months Haricot bean kgown grown crop used as an animal feed
383	feed_purchased_har	1		Animal feed used over the last 3 months Haricot bean kgpurchased from the market for animal feed
384	moneypaid_har	1		Animal feed used over the last 3 months Haricot bean BIRRamount paid
385	feed_ownership_gmz	1		Animal feed used over the last 3 months Green Maize kgown grown crop used as an animal feed

386	feed_purchased_gmz	1		Animal feed used over the last 3 months Green Maize kgpurchased from the market for animal feed
387	moneypaid_gmz	1		Animal feed used over the last 3 months Green Maize BIRRamount paid
388	feed_ownuse_mzg	1		Animal feed used over the last 3 months Maize Grain BIRRown grown crop used as an animal feed
389	feed_purchased_mzg	1		Animal feed used over the last 3 months Maize Grain kgpurchased from the market for animal feed
390	moneypaid_mzg	1		Animal feed used over the last 3 months Maize Grain kgamount paid
391	feed_ownuse_ate	1		Animal feed used over the last 3 months Atela kgown grown used as an animal feed
392	feed_purchased_ate	1		Animal feed used over the last 3 months Atela kgpurchased from the market for animal feed
393	moneypaid_ate	1		Animal feed used over the last 3 months Atela BIRRamount paid
394	dist_opengraz	1		distance to open grazing on fields of crop leftovers
395	timeopen_graz	1		time to open grazing on fields of crop leftovers
396	opengraz_respmem	1	open_garzing_responsible_member	member responsible for open grazing on fields of crop leftovers
397	distpast_grazwat	1		distance to remote areas for watering and feeding during dry seasons
398	timepast_grazwater	1		time taken to remote areas for watering and feeding during dry seasons
399	past_grazwat_mem	1	pastoralist_grazing_watering	member responsbile for pastoralist grazing
400	kerosene_access	1	yesno	access to kerosene
401	purpose_of_kerosene_energy	0		purposes for which kerosene energy is used
402	frequency_kersone_purchase	1	frequency_kersone_purchase	frequency of kerosne purchase
403	kerosene_liters_perfrequency	1		amount of kerosene purchased in litres
404	kerosene_purchase_place	1	kerosene_purchase_place	kersone station where households buy from
405	dist_kersone_stat	1		distance travelled to get to the kerosene station in hours
406	transportation_fee_roundtrip	1		money paid in BIRR for transporation for one round trip
407	fuelwood_energy_use	1	yesno	Has fuelwood been used as an energy source by the household over the last 3 months
408	woodbundles_perweek	1		in weeks wood was used, what was the typical amount of wood bundles used per wee
409	fuelwood_purpose	0		purpose which fuel wood was used for
410	fuelwood_source	0		Sources of fuelwood
411	fuelwood_collect_member	0		Which members of the household typically collected the fuelwood?
412	charcoal_energy_use	1	yesno	Has charcoal been used as an energy source by the household over the last 3 months
413	charcoalbundles_perweek	1		in weeks charcoal was used, what was the typical amount of bags used per week

414	charcoal_purpose	0		purpose which charcoal was used for
415	charcoal_source	1	fuel_source	source of Charcoal energy
416	charcoal_making_member	0		Which members of the household made charcoal
417	cropres_energy_use	1	yesno	Have crop residues been used as an energy source by the household over the last 3 months?
418	cropresi_source	0		What was the source of Crop residue ?
419	cropresidue_energy_percentused	1		Over last 3 months what percentage of crop residue was used for energy?
420	cropresi_purpose	0		purpose for which crop residue energy was used
421	cropresi_collect_member	0		household members who collected crop residue
422	cropresi_limited_purpose	1	cropResi_limited_purpose	the most preferred use of crop residue when it is critically scarce
423	manure_dung_energy_use	1	yesno	Has manure or dung been used as an energy source by the household over the last 3 months
424	manure_dung_source	0		source of Manure dung energy
425	manuredung_energy_percentused	1		percent of manure used as a source of energy
426	manure_dung_purpose	0		purpose which manure dung energy was used for
427	manure_dung_collect_member	0		members of the household who collected manure dung
428	manure_dung_limited_purpose	1	manure_dung_limited_purpose	the most preferred use from manure dung when it is critically scarce
429	biogas_energy_use	1	yesno	Has biogas been used as an energy source by the household over the last 3 months
430	biogas_source	1	fuel_source	source of Biogas energy
431	manurebiogas_energy_percentused	1		percent of manure used as bio gas energy source
432	biogas_purpose	1	fuel_purpose	purpose for which biogas energy is used for
433	biogas_making_member	1	HH_member	members of the household who prepare biogas
434	pipewater_access	1	yesno	In most weeks in the year do you have access to pipe water?
435	source_pwater	1	wherepipewater	Where do you mostly get access to pipe water?
436	dist_pwater	1		How far is this pipe water from your home (km)
437	time_pwater	1		How long does it take to get to this source (hours)
438	pipewat_purch	1	yesno	Do you buy pipe water from this source?
439	pipewat_price	1		price paid for a liter of pipe water
440	pwatscarce1	0		Over the last 3 months was pipe water unavailable from this source in any months
441	npipewat_av	1		on average how many days per week was tap water available from this source over
442	dist_tapw	1		How far do you have to travel to get to the next pipe water point? km
443	time_tapw	1		How long does it take to travel to get to the next pipe water point? - hours)
444	botwat_pur	1	yesno	Do you buy bottled water?
445	botwater_qpur	1		How many liters do you buy per week?
446	botwat_pr	1		How much do you pay for a liter? - Birr)

447	water_buy	0		How frequently do you buy bottled water?
448	altwat_use	0		Over the last 3 months have you used any of the following sources for water
449	homeriver_time	1		River: How long did it take to get from home to this water source in Hours
450	memfetch_river	0	altwat_HHmember	River: Typically who was responsible for fetching water from this source?
451	river_use	0	altwat_use	River: Why have you used water from here over the last 3 months?
452	river_quality	0	altwat_quality	River: Thinking about the quality of this water source? Indicate what uses it was good for
453	river_scar_mth	0	which3month	River: Over the last 3 months was this source critically scarce/unavailable in any month?
454	home_well_time	1		Well: How long did it take to get from home to this water source in Hours)
455	memfetch_well	1	altwat_HHmember	Well: Typically who was responsible for fetching water from this source?
456	well_use	1	altwat_use	Well: What have you used water from this source for over the last 3 months?
457	well_quality	1	altwat_quality	Well: Thinking about the quality of this water source? Indicate what uses it was good for
458	well_scarce_month	1	which3month	Well: Over the last 3 months was this source critically scarce/unavailable in any month?
459	homeprwell_time	1		Protected Well: How long did it take to get from home to this water source in Hours)
460	memfetch_prwell	0	altwat_HHmember	Protected Well: Typically who was responsible for fetching water from this source?
461	prwell_use	0	altwat_use	Protected Well: What have you used water from this source for over the last 3 months?
462	prwell_quality	0	altwat_quality	Protected Well: Thinking about the quality of this water source? Indicate what uses was it good
463	prwell_scar_mth	0	which3month	Protected Well: Over the last 3 months was this source critically scarce/unavailable in any month?
464	home_rwh_time	1		Rainwater: How long did it take to get from home to this water source in Hours
465	memfetch_rwh	0	altwat_HHmember	Rainwater: Typically who was responsible for fetching water from this source?
466	rwh_use	0	altwat_use	Rainwater: What have you used water from this source for over the last 3 months?
467	rwh_quality	0	altwat_quality	Rainwater: Thinking about the quality of this water source? Indicate what uses was it good for.
468	rwh_scar_mth	0	which3month	Rainwater: Over the last 3 months was this source critically scarce/unavailable in any month?
469	home_sprh_time	1		Spring: How long did it take to get from home to this water source in Hours)
470	memfetch_sprh	0	altwat_HHmember	Spring: Typically who was responsible for fetching water from this source?
471	sprh_use	0	altwat_use	Spring: What have you used water from this source for over the last 3 months?
472	sprh_quality	0	altwat_quality	Spring: Thinking about the quality of this water source? Indicate what uses was it good for.
473	sprh_scar_mth	0	which3month	Spring: Over the last 3 months was this source critically scarce/unavailable in any month?
474	home_comh_time	1		Community Pond: How long did it take to get from home to this water source in Hours)

475	memfetch_comh	0	altwat_HHmember	Community Pond: Typically who was responsible for fetching water from this source?
476	comh_use	0	altwat_use	Community Pond: What have you used water from this source for over the last 3 months?
477	comh_quality	0	altwat_quality	Community Pond: Thinking about the quality of this water source? Indicate what uses was it good for.
478	comh_scar_mth	0	which3month	Community Pond: Over the last 3 months was this source critically scarce/unavailable in any month?
479	homeindph_time	1		Individual Pond: How long did it take to get from home to this water source in Hours)
480	memfetch_indph	1	altwat_HHmember	Individual Pond: Typically who was responsible for fetching water from this source?
481	indph_use	1	altwat_use	Individual Pond: What have you used water from this source for over the last 3 months?
482	indph_quality	1	altwat_quality	Individual Pond: Thinking about the quality of this water source? Indicate what uses was it good for.
483	indph_scar_mth	1	which3month	Individual Pond: Over the last 3 months was this source critically scarce/unavailable in any month?
484	livewp_dist	1		How far is the distance to a water point? (During the last three months)
485	livewp_time	1		How long does it take to travel to this water point?
486	hme_bldist_bega	1		what is the distance to Bate river from your home measured in KM during Bega
487	infliveswat_mah	1	yesno	Are there informal associations to water your livestock?
488	mah_mems	1	mahber_members	with whom are the informal associations formed?
489	livest_watfreq_belg	1	livestock_watering_freq	How frequently did you guide your livestock to a water point over the last three
490	watacc_prob	1	yesno	In general do you think there are problems in accessing water?
491	watacc_main_prob	0		what are the main water accessing problems
492	watscar_alt	1	water_scarcity_alternatives	Optional water sources when water sources are diminished and found in nearby
493	watscar_prior	1	yesno	are there priorities in the community when water sources are scarce
494	water_priority	1	water_priority	who gets the priority when water sources are scarce
495	eq_watshare	1	yesno	Is water shared equally shared among the community during water scarcity?
496	watshar_crit	1	yesno	are there water sharing criteria?
497	priorgiven	1	priority_given_to	who gets the priority when water is shared

Value Labels

water_priority:

- 1 households with larger family
- 2 Older men and women
- 3 Pregnant women
- 4 disabled

water_scarcity_alternatives:

- 1 Purchase bottled water
- 2 Travel long distance to get water
- 3 Drink water from sources normally not used for drinking
- 4 Rain water harvesting

priority_given_to:

- 1 Family with larger members
- 2 Elderly family
- 3 family with disable parents

livestock_watering_freq:

- 1 Every day
- 2 Every three days
- 3 Every week

mahber_members:

- 1 Relative
- 2 Neighbour

altwat_quality:

- 1 for drinking and cooking
- 2 for washing clothes
- 3 for personal hygiene
- 4 for livestock

altwat_use:

- 1 Drinking and Cooking
- 2 Washing clothes and shower
- 3 Personal hygiene
- 4 Livestock watering
- 5 Food Preparation
- 6 Irrigation

altwat_HHmember:

- 1 young boys
- 2 young girls
- 3 women
- 4 men

wherepipewater:

- 1 Own pipe water
- 2 Neighbour's pipe water
- 3 Community Pipe water

manure_dung_limited_purpose:

- 1 prepare dungcake
- 2 use it as manure

cropResi_limited_purpose:

- 1 use it for housing construction
- 2 use it as fuelwood

3 use it as organic matter

HH_member:

- 1 Sons
- 2 daughters
- 3 Men
- 4 Women

fuel_purpose:

- 1 preparing sauce
- 2 Baking injera
- 3 Boiling water

fuel_source:

- 1 Own
- 2 Purchased
- 3 Communal

kerosene_purcahse_place:

- 1 village retailers
- 2 Halaba city retailers
- 3 gas stations in Halaba

frequency_kersone_purhcase:

- 1 once a week
- 2 twice a week
- 3 twice a month
- 4 once a month

pastoralist_grazing_watering:

- 1 neighours
- 2 family relatives

open_garzing_responsible_member:

- 1 young boys
- 2 young girls
- 3 sons
- 4 daughters
- 5 elders

animal_dung_collection_frequency:

- 1 Every day
- 2 Every other day
- 3 Every three days
- 4 Once a week

grass_freq:

- 1 every day
- 2 Every three days
- 3 Every week
- 4 Every two weeks

Treespp:

- 1 Acacia
- 2 Eucalyptus
- 3 Tid
- 4 Shiwshiwe
- 5 Sesbania
- 6 Moringa
- 7 Pigoen Pea
- 8 Lucinia

- 9 Papaya
- 10 Banana
- 11 Mango
- 12 Avocado
- 13 Guava
- 14 Other

floor_material:

- 1 Leveled Earth
- 2 Cement
- 3 Concrete
- 4 Bamboo strips

wall_material:

- 1 Wood, Mud and Straw
- 2 Mud Block
- 3 Brick and Cement
- 4 Mud, Starw and Cement
- 5 Crop Straw

roof_material:

- 1 Grass Roof
- 2 Corrugated iron
- 3 Crop residue
- 4 Plastic Sheet

major_crop_resid:

- 1 Maize
- 2 Teff
- 3 Other

markpat:

- 1 Oct-Nov
- 2 Dec-Jan
- 3 Feb-Mar

which3month:

- 1 January
- 2 February
- 3 March

relationship:

- 1 Head
- 2 Spouse
- 3 Son/Daughter
- 4 Grandchild
- 5 Father/Mother
- 6 Sister/Brother
- 7 Niece/Nephew
- 8 Uncle/Aunt
- 9 Grandparents
- 10 Other Relatives
- 11 Servant
- 12 Non Relatives

crop_type:

- 1 Sorghum
- 2 Teff
- 3 Maize

- 4 Wheat
- 5 Haricoatbean
- 6 Pepper
- 7 Millet
- 8 Potato

File inddata-round2.dta

No	variable name	Type 1=numeric, 0=String	Value labels used	Description
1	chhid	1		cross survey household id - where HH not matched missing
2	hhid2	1		numeric household identifier
3	pno	1		person number within household
4	ishoh	1	yesno	Is the respondent the head of household?
5	gender	1	gender	Gender of the respondent
6	age	1		Age of the respondent
7	farm_experience	1		Years of farming experience
8	education	1		How many years did respondent attend school?
9	highest_educ	1	edulevel	What was the highest education level attained?
10	marital_status	1	marital	Marital Status of the household
11	family_size_resp	1		What is the size of the respondent's household
12	poccupation_resp	1	occupation	Primary Occupation of the respondent
13	mincome	1	_mincome	Major source of respondent's income
14	sincome	0		Other Secondary source(s) of income
15	t_water_oth	1		How many hours did you spend yesterday collecting water?
16	t_fire_oth	1		How many hours did you spend yesterday collecting firewood?
17	t_cook_oth	1		How many hours did you spend yesterday cooking?
18	t_dung_oth	1		How many hours did you spend in the last seven days collecting dung?
19	t_past_oth	1		How many hours in the last seven days did you spend supervising open grazing and/or watering of livestock?
20	t_aghh_oth	1		How many hours in the last seven days did you spend on household agricultural activities (including livestock activities) whether for sale or for household use?
21	t_off_oth	1		How many hours in the last seven days did you do any work for a wage, salary, commission, or any payment in kind? (main_econact-off_resp-off_resp3-t_off_resp)"
22	t_noag_oth	1		How many hours in the last seven days did you run or help with any kind of non-agricultural household business, for yourself or for the household?

23	offarm_oth	1	yesno	Excluding wage commssion labour, at any time over the last 3 months, were you employed for a job for a wage, salary, commission or any payment in kind, for anyone who is not a member of your household?
24	off_othocc	1	occupation	How would you describe the occupation of the main job you were employed in during this period? (main job = most hours)
25	off_othmonths	1		In how many months over the last 3 months did you work at this job?
26	off_othweeks	1		During these months, approximately on average how many weeks per month did you work at this job?
27	off_othhours	1		During the weeks you worked on this job, approximately on average how many hours per week did you work at this job?
28	off_rpay	1		How much was the last payment for wages/salary for this job (birr)?
29	off_rpayperiod	1	payperiod	What period of time did this wages/salary payment cover?
30	wcuse_oth	1	yesno	At any time over the last 3 months, were you employed on wage commssion labour?
31	wc_othmonths	1		In how many months over the last 3 months did you work on wage commssion labour
32	wc_othweeks	1		During these months, approximately on average how many weeks per month did you work at wage commssion labour
33	wc_othhours	1		During the weeks you worked on this, approximately on average how many hours per week did you work at this wage commssion labour?
34	ill_lastmonth	1	yesno	Were you ill during the previous month
35	sickdays	1		for how many days were you sick
36	medicaltrt	1	yesno	did you receive medical treatment
37	medicalcenter	1	medicaltrt_center	where did you receive medical treatment
38	medicalcenter_km	1		distance of the medical center from your home (km)
39	medicaltrt_exp	1		amount of money spent for the medical treatment you received (birr)
40	hoh_reln	1	relationship	What is individuals relationship to the head of household?
41	atschool	1	yesno	Is child currently attending school?

42	why_absentschmonth	0		Why was child absent ?
43	absent_lastmonth	1	yesno	Was child absent from school last month for more than a week?
44	causes_illness_1	1	yesno	causes_illness intestinal parasite
45	causes_illness_2	1	yesno	causes_illness food problem
46	causes_illness_3	1	yesno	causes_illness malaria
47	causes_illness_4	1	yesno	causes_illness Diarrhea
48	causes_illness_5	1	yesno	causes_illness Injury
49	causes_illness_6	1	yesno	causes_illness Other

Value Labels

gender:

- 1 Male
- 2 Female

marital:

- 1 Married, single spouse
- 2 Married, more than one spouse
- 3 Single
- 4 Divorced
- 5 Widowed

occupation:

- 1 Farming
- 2 Trading
- 3 Handcraft
- 4 Civil_servant
- 5 Laborer
- 6 Other

edulevel:

- 1 Not in School
- 2 first cycle (1-4)
- 3 second cycle (5 - 8)
- 4 secondary education (9 - 10)
- 5 preparatory and above

payperiod:

- 1 Hour
- 2 Day
- 3 Week
- 4 Fortnight
- 5 Month
- 6 Quarter
- 7 Year

_mincome:

- 1 Farming
- 2 Trading
- 3 Remittance
- 4 Government transfer

medicaltrt_center:

- 1 village extension agent
- 2 village clinic
- 3 nearby hospital

relationship:

- 1 Head
- 2 Spouse
- 3 Son/Daughter
- 4 Grandchild
- 5 Father/Mother
- 6 Sister/Brother
- 7 Niece/Nephew
- 8 Uncle/Aunt
- 9 Grandparents
- 10 Other Relatives
- 11 Servant
- 12 Non Relatives