

Health, Nutrition, Population and Poverty
Ethiopia 2000 - ANNEX B: ASSETS AND FACTOR SCORES

Asset Variable	Unweighted		Lowest	2nd	3rd	Quintiles		Average	Factor Score	Household score if:		
	Mean	Std. Deviation				4th	Highest			has asset	no asset	
				Percentage of Population								
Has electricity	0.223	0.416	0.0%	0.0%	0.0%	0.2%	56.1%	11.3%	0.08657	0.16178	-0.04632	
Has radio	0.280	0.449	2.3%	7.8%	16.0%	22.4%	62.9%	22.3%	0.06297	0.10087	-0.03931	
Has television	0.056	0.229	0.0%	0.0%	0.0%	0.0%	11.3%	2.3%	0.05735	0.23657	-0.01390	
Has bicycle	0.011	0.106	0.0%	0.1%	0.1%	0.7%	3.7%	0.9%	0.01844	0.17138	-0.00198	
Has motorcycle/scooter	0.000	0.017	0.0%	0.0%	0.0%	0.0%	0.6%	0.1%	0.00316	0.18746	-0.00005	
Has car/truck	0.009	0.095	0.0%	0.0%	0.0%	0.0%	2.5%	0.5%	0.02581	0.26830	-0.00248	
Has telephone	0.035	0.184	0.0%	0.0%	0.0%	0.0%	7.8%	1.6%	0.04772	0.24991	-0.00911	
Household has an electric mitad	0.060	0.237	0.0%	0.0%	0.0%	0.0%	11.5%	2.3%	0.05923	0.23539	-0.01491	
Household has a kerosene lamp/pressure lamp	0.166	0.372	8.6%	6.9%	6.3%	12.4%	20.2%	10.9%	0.00278	0.00624	-0.00124	
Household has a bed/table	0.508	0.500	27.5%	38.6%	47.5%	55.1%	86.2%	51.0%	0.04420	0.04349	-0.04492	
Own house	0.810	0.392	100.0%	99.7%	99.0%	96.3%	62.6%	91.5%	-0.06285	-0.03046	0.12970	
Crop land	0.676	0.468	100.0%	99.2%	94.5%	87.8%	34.1%	83.1%	-0.07238	-0.05011	0.10455	
Cattle/camels	0.538	0.499	98.1%	89.1%	68.6%	70.1%	38.8%	72.9%	-0.05418	-0.05021	0.05846	
Horse/mule/donkey	0.222	0.415	52.4%	29.7%	25.3%	34.6%	14.6%	31.3%	-0.02905	-0.05443	0.01551	
Sheep/goats	0.327	0.469	70.5%	42.8%	33.7%	36.9%	19.3%	40.7%	-0.03480	-0.04996	0.02424	
Cash crops	0.201	0.401	41.9%	30.8%	21.1%	30.9%	14.0%	27.7%	-0.02545	-0.05072	0.01277	
If household works own or family's agric. land	0.276	0.447	63.1%	43.8%	28.0%	33.7%	9.0%	35.5%	-0.03650	-0.05908	0.02255	
Number of members per sleeping room	3.894	2.143	6.2	4.9	4.4	4.7	3.9	4.8	-0.02880	0.03890	0.05235	
if piped drinking water in residence	0.002	0.044	0.0%	0.0%	0.0%	0.0%	0.6%	0.1%	0.00888	0.20251	-0.00039	
if piped drinking water outside residence	0.107	0.310	0.0%	0.0%	0.0%	0.0%	20.5%	4.1%	0.06978	0.20125	-0.02419	
if uses a public faucet (piped)	0.159	0.365	0.1%	1.1%	4.8%	10.8%	41.2%	11.6%	0.03446	0.07932	-0.01497	
if has a well in residence	0.057	0.231	2.4%	2.6%	4.2%	4.5%	2.5%	3.2%	-0.01214	-0.04956	0.00298	
if uses covered well for drinking water	0.055	0.227	1.0%	2.2%	4.0%	4.5%	2.4%	2.8%	-0.00599	-0.02492	0.00144	
if uses river, canal or surface water for drinking	0.287	0.452	38.4%	37.3%	35.3%	34.7%	13.4%	31.8%	-0.03111	-0.04904	0.01974	
if uses open spring for drinking	0.293	0.455	55.0%	51.7%	46.0%	39.7%	13.9%	41.2%	-0.03366	-0.05232	0.02165	
if uses covered spring for drinking	0.037	0.188	2.9%	4.9%	5.6%	5.9%	5.4%	5.0%	-0.00503	-0.02578	0.00098	
if rain for drinking water	0.002	0.043	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00272	-0.06333	0.00012	
Other source of drinking water	0.002	0.050	0.0%	0.1%	0.1%	0.0%	0.1%	0.1%	0.00097	0.01952	-0.00005	
if uses a flush toilet in residence/private	0.009	0.095	0.0%	0.0%	0.0%	0.0%	1.7%	0.3%	0.02450	0.25570	-0.00235	
if uses a PIT latrine	0.255	0.436	0.0%	0.0%	1.8%	18.4%	64.2%	16.9%	0.06813	0.11641	-0.03987	
if uses a vip latrine	0.009	0.094	0.0%	0.0%	0.0%	0.0%	1.5%	0.3%	0.01834	0.19368	-0.00174	
if uses bush,field as latrine	0.727	0.446	100.0%	100.0%	98.2%	81.6%	32.6%	82.5%	-0.07570	-0.04642	0.12343	
if has dirt, sand, dung as principal floor in dwelling	0.843	0.364	100.0%	100.0%	99.4%	94.5%	69.8%	92.7%	-0.07754	-0.03345	0.17974	
if has wood, plank principal floor in dwelling	0.004	0.061	0.0%	0.0%	0.0%	0.1%	0.8%	0.2%	0.01277	0.20963	-0.00078	
if has bamboo, reed as principal floor in dwelling	0.005	0.073	0.0%	0.0%	0.0%	0.2%	2.3%	0.5%	0.00909	0.12413	-0.00067	
if has parquet or polished wood floors	0.010	0.101	0.0%	0.0%	0.0%	0.0%	2.4%	0.5%	0.02451	0.24016	-0.00250	
if has vinyl or asphalt strips as flooring material	0.044	0.205	0.0%	0.0%	0.0%	0.0%	4.8%	1.0%	0.04407	0.20579	-0.00944	
if has cement principal floor	0.065	0.247	0.0%	0.0%	0.0%	0.0%	15.2%	3.0%	0.04768	0.18049	-0.01260	
if has tiles for main flooring material	0.007	0.083	0.0%	0.0%	0.0%	0.0%	2.3%	0.5%	0.01868	0.22425	-0.00156	
if has CARPET for principal floor	0.017	0.130	0.0%	0.0%	0.6%	5.2%	1.5%	1.5%	0.00918	0.06956	-0.00121	

if has other type of flooring	0.004	0.065	0.0%	0.0%	0.0%	0.0%	0.9%	0.2%	0.01169	0.18014	-0.00076
ROOF21	0.080	0.272	2.1%	3.9%	6.0%	4.5%	1.7%	3.6%	-0.00982	-0.03323	0.00290
ROOF22	0.515	0.500	95.6%	91.3%	87.6%	56.7%	9.2%	68.1%	-0.05828	-0.05660	0.06001
ROOF23	0.005	0.070	0.6%	1.1%	1.2%	0.8%	0.2%	0.8%	-0.00337	-0.04760	0.00024
ROOF24	0.001	0.030	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	0.00143	0.04694	-0.00004
ROOF25	0.075	0.263	1.0%	1.7%	2.8%	1.7%	0.5%	1.5%	-0.01539	-0.05413	0.00437
ROOF31	0.315	0.465	0.0%	0.0%	0.3%	34.6%	88.2%	24.6%	0.07786	0.11469	-0.05285
ROOF32	0.315	0.465	0.0%	0.0%	0.3%	34.6%	88.2%	24.6%	0.07786	0.11469	-0.05285
OTHROOF	0.007	0.084	0.8%	2.0%	2.2%	1.2%	0.1%	1.3%	-0.00439	-0.05212	0.00037
if uses electricity as cooking fuel	0.002	0.040	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.00928	0.23445	-0.00037
if uses gas as cooking fuel	0.001	0.039	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.01027	0.26576	-0.00040
if uses biogas as cooking fuel	0.001	0.036	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	0.00555	0.15508	-0.00020
if uses kerosene as cooking fuel	0.117	0.321	0.0%	0.0%	0.0%	0.0%	17.7%	3.6%	0.07177	0.19738	-0.02609
if uses charcoal for cooking	0.033	0.177	0.0%	0.0%	0.2%	0.2%	6.5%	1.4%	0.02502	0.13642	-0.00459
if uses wood as cooking fuel	0.735	0.441	94.5%	84.9%	74.6%	75.9%	64.1%	78.8%	-0.05820	-0.03490	0.09703
if uses dung, manure as cooking fuel	0.109	0.312	5.5%	15.1%	25.2%	23.8%	10.4%	16.0%	-0.00908	-0.02591	0.00318
if uses other cooking fuel	0.000	0.022	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00064	0.02881	-0.00001

Notes:

- Household score for number of members per sleeping room is calculated as follows:
 $(\# \text{ people per room} - \text{unweighted mean}) / \text{unweighted standard deviation} \times \text{factor score}$; see Annex C.
- Household score for size of land (irrigated or non-irrigated) is calculated as follows:
 $(\text{acres of land} - \text{unweighted mean}) / \text{unweighted standard deviation} \times \text{factor score}$; see Annex C.

Ethiopia 2000
Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.74995
second	-0.74995	-0.64992
middle	-0.64992	-0.49975
fourth	-0.49975	-0.14717
richest	-0.14717	highest