

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

Asset Variable	Unweighted		Quintiles						Average	Factor Score	Household score if:	
	Mean	Std. Deviation	Lowest	2nd	3rd	4th	Highest	has asset			no asset	
			Percentage of Population									
Has electricity	0.059	0.235	0.0%	0.0%	0.0%	0.1%	28.4%	5.6%	0.15931	0.63847	-0.03975	
Has radio	0.556	0.497	1.8%	57.4%	60.9%	87.0%	88.3%	59.0%	0.06274	0.05608	-0.07018	
Has television	0.024	0.154	0.0%	0.0%	0.0%	0.0%	14.5%	2.8%	0.12731	0.80595	-0.02011	
Has bicycle	0.438	0.496	27.4%	53.7%	42.7%	69.0%	50.5%	48.6%	0.00528	0.00599	-0.00466	
Has motorcycle/scooter	0.011	0.106	0.0%	0.0%	0.0%	1.4%	5.3%	1.3%	0.03549	0.33260	-0.00379	
Has car/truck	0.018	0.132	0.0%	0.0%	0.0%	0.2%	11.0%	2.2%	0.08596	0.64111	-0.01153	
If HH has a domestic worker not related to head	0.003	0.054	0.0%	0.0%	0.0%	0.0%	2.0%	0.4%	0.05008	0.91984	-0.00273	
If household works own or family's agric. land	0.330	0.470	75.3%	63.2%	28.5%	17.9%	11.4%	39.4%	-0.04972	-0.07077	0.03492	
if piped drinking water in residence	0.036	0.186	0.0%	0.0%	0.0%	0.1%	17.0%	3.4%	0.13782	0.71361	-0.02661	
if uses water that is piped into yard/plot	0.050	0.219	0.0%	0.0%	0.0%	3.7%	18.6%	4.4%	0.06867	0.29834	-0.01580	
if uses a public faucet (piped)	0.189	0.391	1.0%	4.4%	10.0%	34.2%	29.9%	15.8%	0.01388	0.02879	-0.00669	
if uses unprotected well	0.212	0.409	35.5%	31.8%	33.5%	10.9%	6.7%	23.8%	-0.03761	-0.07248	0.01951	
if uses a protected well	0.061	0.240	4.1%	4.4%	12.1%	6.2%	3.6%	6.1%	-0.01261	-0.04926	0.00323	
if uses borehole for drinking water	0.342	0.474	42.3%	45.8%	33.9%	36.2%	21.3%	36.0%	-0.04090	-0.05677	0.02946	
if uses river, canal or surface water for drinking	0.099	0.298	15.8%	12.4%	9.7%	7.4%	2.2%	9.5%	-0.02524	-0.07630	0.00835	
if spring for drinking water	0.010	0.102	1.2%	1.2%	0.9%	1.1%	0.4%	0.9%	-0.00762	-0.07400	0.00078	
if rain for drinking water	0.000	0.008	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00086	-0.10309	0.00001	
if gets drinking water from tanker truck	0.000	0.015	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.00005	0.00332	0.00000	
if uses bottled water	0.000	0.008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00085	0.10088	-0.00001	
if uses a flush toilet in residence/private	0.029	0.167	0.0%	0.0%	0.0%	0.0%	14.1%	2.8%	0.14088	0.81737	-0.02428	
if uses a pit latrine	0.475	0.499	34.4%	83.8%	33.7%	57.7%	43.1%	50.6%	-0.02385	-0.02508	0.02267	
if uses a VIP latrine	0.003	0.059	0.0%	0.0%	0.0%	0.2%	1.3%	0.3%	0.01590	0.27033	-0.00094	
if uses a shared flush toilet in residence/private	0.006	0.078	0.0%	0.0%	0.0%	0.3%	2.4%	0.5%	0.03100	0.39269	-0.00245	
if uses a shared pit latrine	0.311	0.463	17.5%	1.4%	50.6%	38.9%	36.1%	28.8%	-0.00061	-0.00091	0.00041	
if uses a shared VIP latrine	0.004	0.064	0.0%	0.0%	0.0%	0.1%	1.7%	0.3%	0.01561	0.24179	-0.00101	
if uses bush,field as latrine	0.171	0.377	48.1%	14.8%	15.6%	2.7%	1.2%	16.5%	-0.04178	-0.09186	0.01900	
if has dirt, sand, dung as principal floor in dwelling	0.793	0.405	100.0%	100.0%	100.0%	88.7%	7.7%	79.6%	-0.14286	-0.07297	0.27967	
if has wood, plank principal floor in dwelling	0.000	0.012	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.00768	0.64770	-0.00009	
if has broken bricks for principal floor	0.002	0.042	0.0%	0.0%	0.0%	0.7%	0.2%	0.2%	0.00220	0.05252	-0.00009	
if has tiles for main flooring material	0.000	0.019	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.01412	0.75255	-0.00026	
if has cement principal floor	0.203	0.402	0.0%	0.0%	0.0%	10.2%	91.8%	20.0%	0.14215	0.28166	-0.07173	
if has parquet or polished wood floors	0.000	0.008	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.01117	1.33122	-0.00009	
if has vinyl or asphalt strips as flooring material	0.000	0.008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00325	0.38745	-0.00003	
if uses electricity as cooking fuel	0.021	0.144	0.0%	0.0%	0.0%	0.0%	11.7%	2.3%	0.13606	0.92500	-0.02001	
if uses kerosene as cooking fuel	0.005	0.071	0.0%	0.0%	0.0%	0.0%	1.9%	0.4%	0.02580	0.35903	-0.00185	
if uses charcoal for cooking	0.038	0.190	0.0%	0.0%	0.0%	0.0%	20.0%	3.9%	0.07148	0.36209	-0.01411	
if uses wood as cooking fuel	0.936	0.245	100.0%	100.0%	100.0%	99.9%	66.3%	93.4%	-0.14306	-0.03746	0.54630	
if uses other cooking fuel	0.000	0.017	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00237	0.14116	-0.00004	

Notes:

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

Malawi 2000
Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.48744
second	-0.48744	-0.41210
middle	-0.41210	-0.31375
fourth	-0.31375	0.29235
richest	0.29235	highest