

Health, Nutrition, Population and Poverty
Malawi 1992 - 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%	0.0%	18.5%	3.7%	0.12976	0.51909	-0.03243		
Has radio	0.393	0.489	0.5%	5.6%	30.1%	74.0%	76.3%	37.5%	0.09582	0.11903	-0.07713		
Has bicycle	0.202	0.401	8.4%	2.9%	29.1%	46.3%	41.5%	25.8%	0.02932	0.05832	-0.01474		
Has motorcycle	0.012	0.107	0.0%	0.0%	0.0%	0.5%	6.1%	1.3%	0.04704	0.43324	-0.00511		
Has car	0.017	0.129	0.0%	0.0%	0.0%	0.1%	8.7%	1.8%	0.07498	0.57166	-0.00983		
Has Paraffin Lamp	0.836	0.371	73.8%	82.5%	88.9%	93.7%	88.3%	85.5%	-0.00350	-0.00155	0.00788		
Has oxcart	0.027	0.163	1.1%	1.3%	2.9%	5.5%	7.0%	3.6%	0.00599	0.03578	-0.00100		
If HH has a domestic worker not related to head	0.003	0.056	0.0%	0.0%	0.0%	0.1%	2.0%	0.4%	0.02877	0.50825	-0.00163		
If household works own or family's agric. land	0.756	0.429	78.1%	79.7%	87.8%	87.4%	85.3%	83.7%	0.00851	0.00483	-0.01499		
Number of members per sleeping room	2.585	1.455	3.6	3.1	2.9	2.7	2.7	3.0	-0.01758	0.01915	0.03123		
If piped drinking water in residence	0.035	0.184	0.0%	0.0%	0.0%	0.1%	11.3%	2.3%	0.10861	0.57072	-0.02066		
If water from protected/borehole well	0.186	0.389	28.5%	12.9%	32.0%	22.0%	16.8%	22.6%	-0.03103	-0.06498	0.01481		
If uses river, canal or surface water for drinking	0.141	0.348	18.4%	18.6%	17.9%	14.9%	6.6%	15.3%	-0.03359	-0.08279	0.01362		
If uses own flush toilet	0.034	0.181	0.0%	0.0%	0.0%	0.2%	10.6%	2.1%	0.11313	0.60294	-0.02122		
If uses a shared flush toilet	0.010	0.098	0.0%	0.0%	0.0%	0.3%	2.1%	0.5%	0.03130	0.31510	-0.00311		
If uses bush,field as latrine	0.228	0.420	88.3%	13.1%	14.7%	5.7%	2.1%	25.0%	-0.06608	-0.12143	0.03595		
If other type of latrine	0.000	0.014	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.00067	0.04866	-0.00001		
If has dirt, sand, dung as principal floor in dwelling	0.803	0.398	100.0%	100.0%	100.0%	99.5%	23.7%	84.7%	-0.16846	-0.08340	0.34020		
If has wood, plank principal floor in dwelling	0.000	0.014	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.01069	0.77988	-0.00015		
If has cement principal floor	0.190	0.393	0.0%	0.0%	0.0%	0.4%	73.6%	14.8%	0.16544	0.34122	-0.08020		
If has other type of flooring	0.000	0.014	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.00106	0.07718	-0.00001		
If has natural material roofing	0.754	0.431	100.0%	100.0%	100.0%	93.2%	6.4%	80.0%	-0.16303	-0.09309	0.28546		
If has other roofing	0.006	0.078	0.0%	0.0%	0.0%	3.2%	0.6%	0.8%	0.00012	0.00156	-0.00001		
If uses a public faucet (piped)	0.254	0.435	0.6%	7.0%	17.9%	36.8%	35.0%	19.5%	0.03334	0.05719	-0.01943		
If uses a traditional public well	0.321	0.467	52.5%	61.3%	32.0%	23.8%	13.1%	36.3%	-0.06284	-0.09137	0.04321		
If uses a traditional pit toilet	0.719	0.449	11.7%	86.9%	84.9%	92.5%	83.1%	71.6%	0.00628	0.00392	-0.01005		
If uses a VIP latrine	0.008	0.087	0.0%	0.0%	0.4%	1.2%	1.8%	0.7%	0.01531	0.17374	-0.00135		
If has water piped into yard or plot	0.062	0.241	0.0%	0.0%	0.0%	2.2%	17.0%	3.8%	0.07734	0.30079	-0.01988		
If has tiles for main flooring material	0.001	0.034	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.02320	0.69043	-0.00078		
If has iron sheets as roofing material	0.236	0.425	0.0%	0.0%	0.0%	3.4%	91.6%	19.0%	0.16058	0.28908	-0.08918		
If has iron and tiles for roofing materials	0.003	0.051	0.0%	0.0%	0.0%	0.0%	1.0%	0.2%	0.02557	0.49786	-0.00131		
If has asbestos as main roofing material	0.001	0.027	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.01822	0.66421	-0.00050		
If has cement as main roofing material	0.000	0.019	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.01178	0.60732	-0.00023		

Notes:

- 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.
- 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.

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Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.62101
second	-0.62101	-0.55095
middle	-0.55095	-0.38565
fourth	-0.38565	0.17979
richest	0.17979	highest