

Health, Nutrition, Population and Poverty
Ghana 1993 - 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	0.306	0.461	0.0%	0.0%	1.2%	43.8%	94.3%	27.9%	0.16705	0.25160	-0.11089	
Has radio	0.409	0.492	0.0%	19.3%	67.7%	51.2%	80.6%	43.7%	0.10012	0.12027	-0.08334	
Has television	0.130	0.337	0.0%	0.0%	0.0%	7.5%	63.7%	14.2%	0.16089	0.41550	-0.06229	
Has refrigerator	0.091	0.288	0.0%	0.0%	0.0%	0.0%	50.3%	10.1%	0.16624	0.52415	-0.05271	
Has bicycle	0.161	0.368	27.1%	26.1%	20.6%	18.9%	15.1%	21.6%	-0.01232	-0.02808	0.00541	
Has motorcycle	0.011	0.105	0.0%	0.0%	0.4%	3.3%	4.3%	1.6%	0.03362	0.31636	-0.00357	
Has car	0.026	0.160	0.0%	0.0%	0.0%	2.5%	14.9%	3.5%	0.09476	0.57677	-0.01557	
If HH has a domestic worker not related to head	0.001	0.035	0.0%	0.0%	0.0%	0.0%	0.8%	0.2%	0.03118	0.89869	-0.00108	
If household works own or family's agric. land	0.649	0.477	70.2%	83.3%	85.6%	79.3%	86.4%	80.9%	0.01996	0.01467	-0.02716	
Number of members per sleeping room	2.440	1.655	305.3%	281.8%	304.7%	314.0%	311.0%	303.5%	-0.00302	0.00263	0.00446	
If piped drinking water in residence	0.146	0.353	0.0%	0.0%	0.0%	8.2%	60.1%	13.7%	0.15576	0.37642	-0.06444	
If piped drinking water in public tap	0.208	0.406	0.0%	0.3%	21.2%	44.5%	27.3%	18.7%	0.02969	0.05793	-0.01521	
If inside well drinking water	0.016	0.127	0.0%	2.1%	1.3%	4.6%	1.3%	1.8%	-0.00080	-0.00624	0.00010	
If uses river, canal or surface water for drinking	0.321	0.467	84.0%	27.2%	38.0%	18.0%	3.5%	34.4%	-0.08211	-0.11936	0.05648	
If uses shared flush toilet	0.021	0.145	0.0%	0.0%	0.0%	0.8%	7.6%	1.7%	0.06040	0.40775	-0.00895	
If has pit latrine	0.486	0.500	63.6%	51.9%	60.2%	42.0%	18.1%	47.2%	-0.08063	-0.08285	0.07847	
If uses VIP latrine	0.146	0.353	0.0%	0.0%	8.3%	29.9%	27.7%	13.2%	0.04588	0.11110	-0.01894	
If uses bush,field as latrine	0.226	0.418	36.4%	48.1%	30.9%	14.7%	2.7%	26.5%	-0.06021	-0.11136	0.03255	
If has earth, dung principal floor in dwelling	0.145	0.352	23.4%	30.5%	22.3%	2.8%	0.4%	15.9%	-0.05249	-0.12756	0.02160	
If has wood, plank principal floor in dwelling	0.003	0.051	0.0%	0.0%	0.0%	0.4%	1.0%	0.3%	0.01163	0.22889	-0.00059	
If has cement principal floor	0.683	0.465	76.6%	69.4%	77.5%	84.0%	34.1%	68.3%	-0.08828	-0.06015	0.12954	
If has tile flooring	0.008	0.087	0.0%	0.0%	0.0%	0.5%	2.9%	0.7%	0.03387	0.38805	-0.00296	
If has other type of flooring	0.000	0.013	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	-0.00089	-0.06756	0.00001	
If rain for drinking water	0.008	0.090	0.0%	2.2%	0.7%	1.1%	0.4%	0.9%	-0.00487	-0.05338	0.00044	
If uses a public well	0.107	0.309	1.4%	29.1%	12.7%	9.0%	3.6%	11.0%	-0.02856	-0.08242	0.00989	
If has own flush toilet	0.040	0.196	0.0%	0.0%	0.0%	0.0%	21.3%	4.3%	0.12249	0.59852	-0.02506	
If has a borehole well	0.184	0.387	14.6%	37.8%	25.9%	12.8%	3.4%	18.8%	-0.04900	-0.10320	0.02326	
If uses water from a tanker truck	0.009	0.094	0.0%	1.4%	0.3%	1.9%	0.5%	0.8%	-0.00396	-0.04167	0.00038	
If uses a bucket or pan as a latrine	0.080	0.271	0.0%	0.0%	0.5%	12.6%	22.6%	7.1%	0.06080	0.20609	-0.01793	
If floor is palm or bamboo	0.000	0.019	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.00188	-0.10164	0.00003	
If has parquet or polished wood flooring	0.001	0.023	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.01059	0.46642	-0.00024	
If has vinyl or asphalt strips as flooring	0.133	0.339	0.0%	0.0%	0.0%	10.1%	50.3%	12.1%	0.12343	0.31543	-0.04829	
If has carpeted floors	0.022	0.148	0.0%	0.0%	0.0%	1.9%	8.0%	2.0%	0.06434	0.42570	-0.00972	
If has terrazo flooring	0.005	0.074	0.0%	0.0%	0.0%	0.0%	3.0%	0.6%	0.06088	0.81883	-0.00453	
Video	0.023	0.148	0.0%	0.0%	0.0%	0.3%	12.1%	2.5%	0.11006	0.72533	-0.01670	
Tractor	0.002	0.039	0.0%	0.0%	0.4%	0.4%	0.8%	0.3%	0.00576	0.14649	-0.00023	
Horse/cart	0.003	0.051	0.2%	0.2%	0.6%	0.5%	0.0%	0.3%	-0.00127	-0.02508	0.00006	

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.

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Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.67765
second	-0.67765	-0.52189
middle	-0.52189	-0.35935
fourth	-0.35935	0.47857
richest	0.47857	highest