

Health, Nutrition, Population and Poverty
Zambia 1996 - 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	0.138	0.344	0.0%	0.0%	0.4%	10.7%	91.0%	20.2%	0.15310	0.38339	-0.06113	
Has radio	0.406	0.491	0.0%	39.6%	54.8%	64.8%	88.4%	49.4%	0.09056	0.10953	-0.07486	
Has television	0.137	0.344	0.0%	0.0%	1.4%	22.6%	82.8%	21.3%	0.14453	0.36234	-0.05764	
Has refrigerator	0.051	0.220	0.0%	0.0%	0.0%	0.4%	39.7%	7.9%	0.11315	0.48845	-0.02621	
Has bicycle	0.259	0.438	26.4%	43.2%	31.1%	28.6%	16.0%	28.9%	-0.01651	-0.02795	0.00977	
Has motorcycle	0.006	0.078	0.0%	0.4%	0.7%	0.9%	1.5%	0.7%	0.01900	0.24104	-0.00150	
Has car	0.023	0.150	0.0%	0.0%	1.2%	3.1%	13.0%	3.4%	0.06361	0.41527	-0.00977	
If HH has a domestic worker not related to head	0.002	0.048	0.0%	0.0%	0.0%	0.5%	1.3%	0.3%	0.02077	0.42948	-0.00100	
If household works own or family's agric. land	0.378	0.485	100.0%	48.6%	31.7%	8.3%	2.4%	38.3%	-0.08215	-0.10528	0.06409	
Number of members per sleeping room	2.653	1.538	3.3	2.9	3.0	2.9	2.7	3.0	-0.01841	0.01978	0.03175	
If piped drinking water in residence	0.141	0.348	0.0%	0.0%	0.6%	18.2%	87.1%	21.0%	0.14880	0.36710	-0.06030	
If piped drinking water in public tap	0.140	0.347	0.0%	1.8%	16.9%	50.4%	9.2%	15.9%	0.02594	0.06432	-0.01046	
If inside well drinking water	0.033	0.178	0.3%	2.3%	7.2%	6.4%	0.8%	3.5%	-0.00074	-0.00402	0.00014	
If uses river, canal or surface water for drinking	0.175	0.380	32.2%	25.8%	21.7%	3.2%	0.0%	16.6%	-0.04630	-0.10063	0.02130	
Other source of drinking water	0.009	0.095	0.0%	0.0%	0.9%	3.1%	1.0%	1.0%	0.00878	0.09116	-0.00085	
If has private flush toilet	0.123	0.328	0.0%	0.0%	0.3%	7.9%	88.2%	19.1%	0.14905	0.39828	-0.05578	
If uses shared flush toilet	0.013	0.114	0.0%	0.0%	0.3%	3.3%	4.2%	1.6%	0.02870	0.24838	-0.00332	
If has pit latrine	0.536	0.499	48.4%	39.4%	78.3%	80.1%	7.0%	51.3%	-0.03918	-0.03643	0.04214	
If uses VIP latrine	0.004	0.064	0.0%	0.1%	0.4%	1.2%	0.2%	0.4%	0.00487	0.07578	-0.00031	
If uses bush,field as latrine	0.318	0.466	51.6%	60.1%	19.5%	6.3%	0.2%	27.0%	-0.07107	-0.10410	0.04851	
If other type of latrine	0.001	0.033	0.0%	0.0%	0.1%	0.6%	0.0%	0.1%	0.00367	0.11054	-0.00012	
If has dirt, earth principal floor in dwelling	0.677	0.468	100.0%	100.0%	84.1%	3.1%	0.0%	57.2%	-0.14861	-0.10260	0.21523	
If has wood, plank principal floor in dwelling	0.002	0.044	0.0%	0.0%	0.1%	0.1%	0.8%	0.2%	0.01886	0.42972	-0.00083	
If has parquet or tile principal floor in dwelling	0.003	0.055	0.0%	0.0%	0.0%	0.1%	2.3%	0.5%	0.03125	0.56778	-0.00172	
If has cement principal floor	0.305	0.461	0.0%	0.0%	14.5%	95.9%	90.8%	40.5%	0.13452	0.20293	-0.08916	
If has tile flooring	0.010	0.098	0.0%	0.0%	0.0%	0.4%	6.1%	1.3%	0.05101	0.51416	-0.00506	
If has other type of flooring	0.001	0.023	0.0%	0.0%	0.1%	0.3%	0.0%	0.1%	0.00144	0.06135	-0.00003	
If has shallow well for water	0.137	0.344	23.1%	17.9%	19.4%	2.7%	0.0%	12.7%	-0.03859	-0.09685	0.01537	
If has trad. well for water	0.263	0.440	34.7%	39.2%	19.2%	5.8%	0.1%	19.5%	-0.05755	-0.09637	0.03436	
If has bore hole for water	0.102	0.302	9.7%	12.9%	13.6%	10.1%	1.8%	9.6%	-0.01752	-0.05212	0.00589	

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.

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Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.68225
second	-0.68225	-0.52328
middle	-0.52328	0.10417
fourth	0.10417	1.33638
richest	1.33638	highest