

Health, Nutrition, Population and Poverty
Zimbabwe 1999 - 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	0.326	0.469	0.1%	0.6%	8.7%	59.4%	99.7%	33.8%	0.11269	0.16216	-0.07830	
Has radio	0.492	0.500	25.0%	38.0%	50.1%	59.4%	91.1%	52.8%	0.06062	0.06162	-0.05962	
Has television	0.207	0.405	0.0%	1.4%	10.8%	30.3%	80.3%	24.7%	0.08585	0.16781	-0.04391	
Has refrigerator	0.122	0.328	0.0%	0.0%	1.0%	8.7%	63.7%	14.8%	0.07595	0.20328	-0.02837	
Has bicycle	0.212	0.409	13.9%	29.2%	27.6%	24.3%	20.6%	23.1%	0.00191	0.00367	-0.00099	
Has motorcycle/scooter	0.007	0.083	0.0%	0.1%	1.2%	0.5%	2.0%	0.8%	0.01280	0.15341	-0.00107	
Has car/truck	0.062	0.241	0.2%	0.5%	1.9%	5.5%	27.3%	7.1%	0.04989	0.19428	-0.01281	
Has telephone	0.056	0.229	0.0%	0.2%	0.8%	1.6%	31.6%	6.9%	0.05308	0.21877	-0.01288	
Modern oxcart	0.167	0.373	19.9%	38.3%	31.2%	7.9%	1.5%	19.7%	-0.03461	-0.07722	0.01551	
If household works own or family's agric. land	0.115	0.319	30.0%	26.0%	17.0%	4.7%	1.2%	15.7%	-0.03383	-0.09379	0.01220	
if piped drinking water in residence	0.191	0.393	0.0%	0.0%	0.5%	29.0%	62.7%	18.5%	0.08575	0.17650	-0.04165	
if uses water that is piped into the building	0.137	0.344	0.1%	1.3%	2.8%	33.1%	33.9%	14.2%	0.05448	0.13669	-0.02171	
if uses a public faucet (piped)	0.094	0.291	3.1%	4.9%	9.7%	15.9%	2.5%	7.2%	0.00069	0.00215	-0.00022	
if uses a unprotected well	0.117	0.321	27.0%	20.3%	15.3%	2.1%	0.0%	12.9%	-0.03807	-0.10467	0.01384	
if uses covered well for drinking water	0.076	0.265	7.8%	13.9%	18.3%	7.3%	0.0%	9.4%	-0.01844	-0.06436	0.00528	
if uses a traditional public well	0.304	0.460	41.8%	47.1%	47.6%	12.1%	0.7%	29.8%	-0.05589	-0.08457	0.03693	
if uses river, canal or surface water for drinking	0.079	0.269	19.3%	12.2%	5.3%	0.5%	0.2%	7.5%	-0.03519	-0.12031	0.01029	
if gets drinking water from tanker truck	0.003	0.052	0.9%	0.4%	0.4%	0.0%	0.0%	0.3%	-0.00596	-0.11510	0.00031	
if rain for drinking water	0.000	0.022	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.00248	-0.11428	0.00005	
Other source of drinking water	0.002	0.048	0.7%	0.3%	0.1%	0.0%	0.1%	0.2%	-0.00523	-0.10773	0.00025	
if uses a flush toilet	0.810	0.392	100.0%	100.0%	58.5%	62.4%	98.9%	83.9%	-0.01060	-0.00513	0.02192	
if uses a pit latrine	0.709	0.454	100.0%	100.0%	77.0%	50.2%	38.8%	73.1%	-0.08014	-0.05137	0.12501	
if uses a VIP latrine	0.738	0.440	100.0%	100.0%	81.5%	57.2%	39.3%	75.5%	-0.07906	-0.04711	0.13266	
if uses a shared flush toilet	0.493	0.500	0.0%	0.0%	42.6%	94.7%	99.9%	47.6%	0.11380	0.11543	-0.11217	
if uses a shared pit latrine	0.440	0.496	1.0%	22.5%	57.5%	66.0%	61.4%	41.8%	0.06533	0.07373	-0.05788	
if uses a shared VIP latrine	0.509	0.500	1.0%	34.8%	81.0%	68.5%	61.5%	49.4%	0.05586	0.05489	-0.05683	
if uses bush,field as latrine	0.298	0.457	98.0%	42.4%	1.9%	0.1%	0.0%	28.4%	-0.09192	-0.14106	0.05988	
if other type of latrine	0.001	0.038	0.0%	0.0%	0.0%	0.4%	0.1%	0.1%	0.00422	0.11212	-0.00016	
if has dirt, sand, dung as principal floor in dwelling	0.338	0.473	94.9%	38.1%	23.5%	2.7%	0.0%	31.8%	-0.08689	-0.12154	0.06211	
if has wood, plank principal floor in dwelling	0.003	0.059	0.0%	0.0%	0.0%	0.1%	1.6%	0.3%	0.01305	0.22158	-0.00077	
if has parquet or polished wood floors	0.003	0.057	0.0%	0.0%	0.0%	0.0%	1.0%	0.2%	0.01301	0.22614	-0.00075	
if has vinyl or asphalt strips as flooring material	0.002	0.043	0.0%	0.0%	0.0%	0.2%	0.9%	0.2%	0.00905	0.20827	-0.00039	
if has tiles for main flooring material	0.010	0.097	0.0%	0.1%	0.0%	0.2%	4.8%	1.0%	0.02079	0.21138	-0.00204	
if has cement principal floor	0.605	0.489	5.1%	61.3%	76.4%	93.7%	75.0%	62.2%	0.06082	0.04914	-0.07526	
if has carpets for principal floor	0.037	0.190	0.0%	0.5%	0.1%	2.9%	16.4%	4.0%	0.03850	0.19537	-0.00758	
if has other type of flooring	0.001	0.025	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	0.00265	0.10584	-0.00007	
if uses electricity as cooking fuel	0.238	0.426	0.0%	0.0%	0.0%	29.9%	93.9%	24.9%	0.10581	0.18905	-0.05921	
if uses gas as cooking fuel	0.003	0.050	0.0%	0.0%	0.0%	0.4%	0.6%	0.2%	0.00835	0.16635	-0.00042	
if uses biogas as cooking fuel	0.000	0.022	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00011	-0.00521	0.00000	
if uses kerosene as cooking fuel	0.093	0.290	0.0%	0.1%	1.0%	32.5%	5.0%	7.6%	0.03365	0.10522	-0.01076	

if uses charcoal for cooking	0.001	0.031	0.0%	0.1%	0.1%	0.1%	0.0%	0.1%	0.00143	0.04668	-0.00004
if uses wood as cooking fuel	0.661	0.474	99.6%	99.5%	98.5%	36.5%	0.5%	66.8%	-0.11654	-0.08354	0.16255
if uses dung, manure as cooking fuel	0.004	0.060	0.2%	0.4%	0.3%	0.5%	0.0%	0.3%	-0.00212	-0.03529	0.00013
if uses other cooking fuel	0.000	0.018	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.00149	0.08428	-0.00003
Number of households toilet/sanitation facility is shared	3.295	8.460	0.0	0.0	1.9	3.8	2.4	2.3	0.00398	-0.00108	-0.00155

Notes:

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

Zimbabwe 1999
Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.95729
second	-0.95729	-0.54319
middle	-0.54319	0.05309
fourth	0.05309	1.21177
richest	1.21177	highest