

**Health, Nutrition, Population and Poverty**  
**Benin 1996 - 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
Has electricity	0.126	0.332	0.0%	0.3%	0.3%	4.9%	66.0%	14.3%	0.10860	0.28595	-0.04123
Has radio	0.526	0.499	38.3%	42.5%	57.5%	69.4%	89.4%	59.4%	0.05877	0.05577	-0.06192
Has television	0.092	0.289	0.0%	0.0%	0.2%	4.2%	54.7%	11.8%	0.09860	0.31010	-0.03134
Has refrigerator	0.039	0.193	0.0%	0.1%	0.1%	0.4%	24.2%	5.0%	0.07473	0.37252	-0.01499
Has bicycle	0.444	0.497	69.0%	60.5%	61.6%	41.9%	20.7%	50.7%	-0.04730	-0.05289	0.04229
Has motorcycle	0.210	0.407	2.7%	12.1%	23.3%	36.2%	63.6%	27.6%	0.07303	0.14180	-0.03760
Has car	0.033	0.178	0.0%	0.0%	1.7%	3.7%	20.1%	5.1%	0.05682	0.30914	-0.01044
If HH has a domestic worker not related to head	0.005	0.068	0.0%	0.2%	0.0%	0.2%	2.5%	0.6%	0.02367	0.34566	-0.00162
If household works own or family's agric. land	0.415	0.493	83.3%	67.3%	58.7%	31.2%	6.7%	49.4%	-0.07196	-0.08543	0.06060
Number of members per sleeping room	2.229	1.345	2.6	2.4	2.4	2.5	2.4	2.5	-0.00923	0.00843	0.01529
If piped drinking water in residence	0.065	0.247	0.0%	0.0%	0.0%	1.9%	32.8%	6.9%	0.08442	0.31980	-0.02228
If has piped water outside of the house	0.168	0.374	0.4%	3.9%	9.4%	30.0%	37.3%	16.2%	0.05300	0.11811	-0.02378
If roof made of tole	0.658	0.475	0.3%	64.8%	84.4%	96.2%	91.6%	67.4%	0.07566	0.05458	-0.10487
If uses river, canal or surface water for drinking	0.164	0.371	45.7%	20.1%	11.8%	4.3%	0.5%	16.5%	-0.05063	-0.11419	0.02244
Other source of drinking water	0.000	0.015	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00234	-0.15716	0.00003
If uses a covered latrine	0.166	0.372	0.0%	0.4%	3.1%	16.8%	69.1%	17.9%	0.09629	0.21595	-0.04293
If uses an open latrine	0.058	0.235	0.0%	0.7%	4.8%	13.1%	12.3%	6.2%	0.02558	0.10266	-0.00637
If uses bush,field as latrine	0.756	0.430	100.0%	98.6%	91.0%	68.3%	10.9%	73.8%	-0.11133	-0.06329	0.19580
If other type of latrine	0.004	0.060	0.0%	0.1%	0.6%	1.0%	0.9%	0.5%	0.00408	0.06830	-0.00024
If has dirt, sand, dung as principal floor in dwelling	0.500	0.500	99.9%	93.6%	34.1%	8.3%	0.2%	47.2%	-0.10964	-0.10965	0.10960
If has wood, plank principal floor in dwelling	0.002	0.047	0.0%	0.2%	0.4%	0.8%	0.0%	0.3%	-0.00084	-0.01771	0.00004
If has cement principal floor	0.485	0.500	0.0%	5.5%	63.3%	89.6%	98.2%	51.3%	0.10777	0.11100	-0.10462
If has other type of flooring	0.010	0.097	0.0%	0.1%	1.6%	1.2%	1.7%	0.9%	0.01230	0.12521	-0.00121
If has brick or stone walls	0.245	0.430	0.0%	0.1%	1.5%	38.2%	89.2%	25.8%	0.11684	0.20486	-0.06662
If has cane, palm, trunks for walls	0.676	0.468	95.7%	92.2%	90.9%	51.6%	6.2%	67.3%	-0.10721	-0.07415	0.15497
If has bamboo for walls	0.057	0.231	1.1%	6.7%	6.1%	6.6%	2.5%	4.6%	-0.00222	-0.00907	0.00054
If walls made of semi-solid materials	0.010	0.101	0.0%	0.0%	0.4%	3.1%	2.0%	1.1%	0.01314	0.12930	-0.00134
If has other material for walls	0.010	0.098	3.0%	0.9%	0.7%	0.3%	0.0%	1.0%	-0.00929	-0.09352	0.00092
If has natural material roofing	0.322	0.467	99.7%	34.9%	14.6%	2.9%	0.1%	30.5%	-0.08766	-0.12716	0.06041
If has other roofing	0.000	0.021	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.00491	0.23300	-0.00010
If rain for drinking water	0.081	0.273	3.9%	13.1%	10.9%	7.6%	2.5%	7.6%	-0.01250	-0.04201	0.00372
If uses a public faucet (piped)	0.064	0.245	3.2%	9.1%	7.7%	5.4%	2.2%	5.5%	-0.00880	-0.03358	0.00231
If uses a well with a pump	0.158	0.365	21.1%	20.5%	19.8%	12.7%	3.7%	15.6%	-0.02893	-0.06672	0.01254
If uses a septic pit latrine	0.015	0.121	0.0%	0.0%	0.1%	0.4%	6.8%	1.5%	0.04763	0.38731	-0.00586
If uses a protected well	0.087	0.281	10.1%	8.4%	10.0%	9.4%	6.7%	8.9%	-0.00746	-0.02422	0.00230
If uses an unprotected well	0.211	0.408	15.5%	24.8%	30.1%	28.5%	14.2%	22.6%	-0.00884	-0.01708	0.00457
If roof is made of tuile material	0.006	0.080	0.0%	0.1%	0.1%	0.5%	2.0%	0.6%	0.01457	0.18082	-0.00117
If roof is made of cement	0.012	0.107	0.0%	0.0%	0.0%	0.2%	6.2%	1.3%	0.03602	0.33308	-0.00389

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.

## Benin 1996

### Annex B: Assets and Factor Scores

Wealth Quintile	Asset Index Value	
	Lowest	Highest
poorest	lowest	-0.86306
second	-0.86306	-0.47428
middle	-0.47428	-0.01339
fourth	-0.01339	0.94185
richest	0.94185	highest