

**Health, Nutrition, Population and Poverty**  
**Senegal 1997 - 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	0.239	0.427	0.0%	0.0%	3.0%	59.2%	98.4%	32.2%	0.14891	0.26545	-0.08351	
Has radio	0.646	0.478	36.0%	73.1%	79.9%	81.0%	95.2%	73.0%	0.06215	0.04595	-0.08403	
Has television	0.164	0.370	0.0%	0.0%	3.6%	29.3%	90.8%	24.8%	0.14554	0.32847	-0.06447	
Has refrigerator	0.095	0.293	0.0%	0.0%	0.0%	4.1%	65.0%	13.9%	0.14234	0.43999	-0.04604	
Has bicycle	0.105	0.307	14.8%	15.3%	10.2%	5.5%	4.6%	10.1%	-0.01223	-0.03566	0.00419	
Has motorcycle	0.037	0.189	0.3%	1.7%	6.5%	6.3%	7.9%	4.5%	0.02554	0.13014	-0.00501	
Has car	0.041	0.198	0.0%	0.0%	0.4%	4.6%	27.0%	6.4%	0.10204	0.49433	-0.02106	
Video	0.043	0.204	0.0%	0.0%	0.0%	0.5%	35.1%	7.1%	0.11828	0.55537	-0.02518	
Telephone	0.051	0.221	0.0%	0.0%	0.1%	0.8%	39.0%	8.0%	0.12546	0.53926	-0.02918	
Cart/Wagon	0.269	0.444	60.4%	39.5%	30.8%	16.7%	5.8%	30.7%	-0.05110	-0.08412	0.03103	
If household works own or family's agric. land	0.872	0.334	93.4%	94.4%	95.0%	96.2%	97.4%	95.3%	0.00714	0.00273	-0.01864	
Number of members per sleeping room	2.480	1.345	2.9	2.5	2.8	3.0	2.4	2.7	-0.01943	0.02138	0.03582	
If piped drinking water in residence	0.223	0.417	0.0%	0.0%	5.2%	59.4%	90.8%	31.1%	0.13890	0.25896	-0.07449	
If has a well in residence	0.072	0.258	0.5%	9.1%	13.6%	5.0%	1.0%	5.8%	-0.01144	-0.04109	0.00318	
If uses river, canal or surface water for drinking	0.017	0.130	0.4%	2.7%	4.1%	1.4%	0.2%	1.8%	-0.00683	-0.05165	0.00090	
Other source of drinking water	0.012	0.109	0.0%	0.9%	1.8%	1.5%	0.6%	1.0%	0.00184	0.01669	-0.00020	
If uses own flush toilet	0.044	0.206	0.0%	0.0%	0.0%	1.4%	29.3%	6.2%	0.10941	0.50862	-0.02353	
If uses a shared flush toilet	0.026	0.160	0.0%	0.0%	0.8%	5.9%	7.8%	2.9%	0.03822	0.23207	-0.00629	
If uses bush,field as latrine	0.405	0.491	81.9%	52.6%	22.6%	4.8%	0.2%	32.5%	-0.09007	-0.10919	0.07428	
If other type of latrine	0.003	0.054	0.0%	0.0%	0.6%	0.6%	0.0%	0.2%	0.00049	0.00902	-0.00003	
If has dirt, sand, dung as principal floor in dwelling	0.998	0.046	99.8%	99.9%	99.4%	100.0%	99.5%	99.7%	0.00159	0.00007	-0.03459	
If has cement principal floor	0.306	0.461	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00871	0.01312	-0.00578	
If has other type of flooring	0.003	0.056	12.4%	23.2%	51.1%	55.5%	23.1%	33.0%	-0.00150	-0.02680	0.00008	
If rain for drinking water	0.000	0.020	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00144	0.07016	-0.00003	
If uses a public faucet (piped)	0.181	0.385	4.0%	19.1%	33.8%	21.1%	4.7%	16.5%	-0.01816	-0.03857	0.00855	
If uses a traditional public well	0.444	0.497	90.0%	59.1%	37.2%	10.6%	2.1%	39.8%	-0.08846	-0.09901	0.07902	
If uses a traditional pit toilet	0.272	0.445	0.0%	0.4%	42.3%	72.7%	60.2%	35.1%	0.07428	0.12144	-0.04542	
If uses a VIP latrine	0.248	0.432	18.1%	47.0%	33.4%	14.5%	2.4%	23.1%	-0.04040	-0.07029	0.02322	
If has parquet or polished wood floors	0.000	0.020	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00180	-0.08766	0.00004	
If has tiles for main flooring material	0.044	0.205	0.0%	0.0%	0.1%	1.6%	30.8%	6.5%	0.11036	0.51560	-0.02362	
If has vinyl or asphalt strip flooring	0.150	0.357	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.06792	0.16177	-0.02851	
If has carpeted flooring	0.003	0.056	0.0%	2.2%	14.5%	37.6%	44.0%	19.6%	0.01017	0.18110	-0.00057	
If uses a borehole well	0.045	0.207	5.1%	8.8%	3.1%	0.9%	0.1%	3.6%	-0.01984	-0.09133	0.00431	
If uses water from a tanker truck	0.000	0.020	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.00598	0.29182	-0.00012	
If uses bottled water	0.001	0.035	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	0.02597	0.73176	-0.00092	

Notes:

1. Household score for number of members per sleeping room is calculated as follows:

$$((\# \text{ people per room} - \text{unweighted mean}) / \text{unweighted standard deviation}) * \text{factor score}; \text{ see Annex C.}$$

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.

**Senegal 1997**  
**Annex B: Assets and Factor Scores**

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.61527
second	-0.61527	-0.46684
middle	-0.46684	-0.01738
fourth	-0.01738	1.06163
richest	1.06163	highest