

Health, Nutrition, Population and Poverty
Nicaragua 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	0.640	0.480	0.024	0.487	0.924	0.985	0.986	0.681	0.13900	0.10425	-0.18533	
Has radio	0.760	0.420	0.501	0.705	0.842	0.909	0.986	0.789	0.07800	0.04457	-0.14114	
Has television	0.490	0.500	0.002	0.15	0.682	0.898	0.986	0.544	0.14700	0.14994	-0.14406	
Has refrigerator	0.200	0.400	0	0.002	0.052	0.266	0.772	0.218	0.12800	0.25600	-0.06400	
Has bicycle	0.190	0.390	0.034	0.147	0.245	0.258	0.28	0.192	0.04700	0.09762	-0.02290	
Has motorcycle	0.019	0.140	0	0.001	0.01	0.026	0.069	0.021	0.03400	0.23824	-0.00461	
Has car	0.075	0.260	0.001	0.008	0.021	0.066	0.358	0.091	0.08500	0.30227	-0.02465	
Has telephone	0.083	0.280	0	0	0.003	0.029	0.466	0.1	0.10100	0.33085	-0.02987	
If household works own or family's agric. land	0.190	0.390	0.53	0.228	0.111	0.054	0.04	0.193	-0.07300	-0.15162	0.03556	
Number of members per sleeping room	3.870	2.610	6.918	5.447	4.422	3.577	2.249	4.52	-0.09300			
If piped drinking water in residence	0.420	0.490	0.002	0.138	0.482	0.769	0.947	0.467	0.13800	0.16335	-0.11829	
If piped drinking water outside residence	0.150	0.350	0.033	0.217	0.287	0.163	0.04	0.148	-0.00400	-0.00971	0.00171	
If private well drinking water	0.140	0.350	0.233	0.25	0.121	0.044	0.01	0.132	-0.04600	-0.11303	0.01840	
If uses river, canal or surface water for drinking	0.120	0.320	0.405	0.11	0.015	0.004	0	0.107	-0.07800	-0.21450	0.02925	
Other source of drinking water	0.017	0.130	0.02	0.029	0.013	0.003	0	0.013	-0.01600	-0.12097	0.00210	
If connected to a sewer	0.170	0.370	0	0.007	0.023	0.296	0.763	0.218	0.12000	0.26919	-0.05514	
If has pit latrine	0.600	0.490	0.399	0.799	0.88	0.616	0.122	0.563	-0.03200	-0.02612	0.03918	
If uses VIP latrine	0.028	0.170	0.017	0.041	0.05	0.035	0.012	0.031	-0.00200	-0.01143	0.00033	
If uses bush,field as latrine	0.160	0.370	0.566	0.13	0.022	0.005	0	0.145	-0.09400	-0.21341	0.04065	
If has earth, dung principal floor in dwelling	0.490	0.500	0.854	0.744	0.59	0.112	0.009	0.462	-0.12600	-0.12852	0.12348	
If has wood, plank principal floor in dwelling	0.066	0.250	0.13	0.088	0.055	0.038	0.009	0.064	-0.03100	-0.11577	0.00823	
If has cement principal floor	0.260	0.440	0	0.024	0.109	0.485	0.817	0.287	0.12900	0.21695	-0.07623	
If has tile flooring	0.130	0.340	0.012	0.125	0.209	0.272	0.089	0.141	0.01900	0.04862	-0.00726	
If has other type of flooring	0.001	0.023	0.001	0.001	0	0	0	0	-0.00400	-0.17535	0.00009	
If rain for drinking water	0.000	0.013	0	0	0	0	0	0	0.00000	0.00000	0.00000	
If uses a public well	0.100	0.300	0.224	0.159	0.052	0.012	0	0.09	-0.05300	-0.15900	0.01767	
If connected to a septic system	0.012	0.110	0	0.001	0.002	0.012	0.039	0.011	0.02700	0.24253	-0.00292	
If has piped water public/private	0.041	0.200	0.072	0.076	0.02	0.003	0.001	0.034	-0.03000	-0.14388	0.00612	
If connected to an open sewer	0.017	0.130	0	0	0.006	0.025	0.059	0.018	0.03300	0.24943	-0.00442	
If uses bottled water	0.009	0.097	0.009	0.016	0.008	0.001	0.001	0.007	-0.01100	-0.11256	0.00108	
If connected to a river or creek	0.002	0.041	0	0.002	0.003	0.002	0	0.002	0.00200	0.04918	-0.00008	
If floor is of mud bricks	0.047	0.210	0.003	0.016	0.036	0.092	0.077	0.045	0.03600	0.16344	-0.00799	
If uses pit used to collect manure for latrine	0.005	0.070	0.004	0.009	0.008	0.006	0	0.005	-0.00500	-0.07097	0.00035	
If has connection to rainwater (toilet)	0.000	0.013	0	0	0	0	0	0	0.00300	0.22723	-0.00004	
If uses a hanging latrine	0.005	0.070	0.013	0.006	0.001	0.001	0	0.004	-0.01200	-0.17182	0.00084	

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.

Nicaragua 1997

Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.98320
second	-0.98320	-0.31537
middle	-0.31537	0.33463
fourth	0.33463	1.10270
richest	1.10270	highest

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