

Health, Nutrition, Population and Poverty
NICARAGUA 2001 - ANNEX B: ASSETS AND FACTOR SCORES

Asset Variable	Unweighted		Lowest	2nd	Quintiles			Highest	Average	Factor Score	Household score if:	
	Mean	Std. Deviation			Percentage of Population	4th	5th				6th	has asset
Has electricity	0.658	0.474	0.8%	50.4%	98.1%	99.8%	100.0%	69.8%	0.07298	0.05256	-0.10132	
Has radio	0.799	0.401	67.5%	74.6%	81.3%	88.3%	95.8%	81.5%	0.02572	0.01290	-0.05127	
Has television	0.523	0.499	1.1%	27.2%	73.8%	89.9%	98.0%	58.0%	0.06982	0.06669	-0.07309	
Has refrigerator	0.210	0.407	0.0%	0.8%	12.5%	33.8%	72.2%	23.9%	0.05900	0.11439	-0.03043	
Has bicycle	0.266	0.442	7.6%	24.2%	34.7%	37.1%	29.2%	26.6%	0.02220	0.03688	-0.01336	
Has motorcycle/scooter	0.021	0.142	0.0%	0.5%	1.5%	3.1%	5.2%	2.1%	0.01487	0.10235	-0.00216	
Has car/truck	0.079	0.270	0.0%	1.6%	2.5%	9.8%	33.4%	9.5%	0.03700	0.12618	-0.01085	
Has telephone	0.093	0.291	0.0%	0.0%	0.7%	6.0%	49.9%	11.3%	0.04934	0.15389	-0.01582	
Share toilet with other households	0.066	0.249	2.5%	6.7%	10.3%	9.0%	3.9%	6.5%	0.00191	0.00719	-0.00051	
If household works own or family's agric. land	0.834	0.373	90.3%	89.8%	90.8%	91.6%	91.3%	90.7%	0.00172	0.00077	-0.00384	
Number of members per sleeping room	5.376	2.686	7.4	6.9	6.7	6.3	5.7	6.6	-0.01539	0.02507	0.03080	
If piped drinking water in residence	0.269	0.443	0.0%	3.8%	15.1%	42.2%	82.9%	28.8%	0.06231	0.10279	-0.03777	
If piped drinking water outside residence	0.286	0.452	2.0%	30.1%	63.1%	50.9%	12.1%	31.6%	0.01042	0.01647	-0.00659	
Water from public piped source outside residence	0.039	0.193	6.2%	7.6%	2.6%	0.5%	0.0%	3.4%	-0.01430	-0.07104	0.00288	
If private well drinking water	0.132	0.338	21.3%	25.2%	10.8%	4.1%	0.3%	12.3%	-0.02260	-0.05796	0.00881	
If uses river, canal or surface water for drinking	0.050	0.217	17.8%	3.5%	0.3%	0.0%	0.0%	4.3%	-0.02607	-0.11399	0.00596	
Other source of drinking water	0.001	0.033	0.0%	0.2%	0.0%	0.1%	0.1%	0.1%	-0.00024	-0.00741	0.00001	
If connected to a sewer	0.114	0.318	0.0%	0.0%	0.5%	13.5%	69.4%	16.7%	0.05244	0.14629	-0.01880	
If has pit latrine	0.524	0.499	34.8%	67.5%	78.2%	61.8%	8.4%	50.2%	-0.01243	-0.01184	0.01304	
If uses VIP latrine	0.110	0.313	8.7%	16.2%	14.7%	11.1%	2.3%	10.6%	-0.00420	-0.01194	0.00148	
If uses bush,field as latrine	0.170	0.375	55.8%	14.1%	3.6%	0.7%	0.0%	14.8%	-0.04658	-0.10301	0.02106	
If has earth, dung principal floor in dwelling	0.487	0.500	84.5%	68.2%	53.7%	19.9%	1.2%	45.5%	-0.05908	-0.06062	0.05757	
If has wood, plank principal floor in dwelling	0.056	0.231	13.5%	7.4%	4.7%	1.8%	0.0%	5.5%	-0.01548	-0.06328	0.00379	
If has cement principal floor	0.257	0.437	0.1%	2.5%	12.8%	42.3%	82.9%	28.1%	0.06433	0.10935	-0.03784	
If has tile flooring	0.178	0.383	1.5%	20.5%	26.1%	32.2%	12.3%	18.5%	0.01030	0.02210	-0.00480	
If has other type of flooring	0.000	0.016	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00111	-0.06814	0.00002	
If rents dwelling	0.038	0.192	0.3%	1.4%	2.5%	5.1%	7.8%	3.4%	0.01569	0.07841	-0.00314	
If other tenancy of dwelling	0.001	0.027	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00268	-0.10086	0.00007	
If uses wood or straw as cooking fuel	0.681	0.466	99.7%	98.0%	84.1%	39.9%	3.2%	65.0%	-0.07211	-0.04939	0.10529	
If uses kerosene as cooking fuel	0.006	0.076	0.0%	0.3%	1.3%	1.2%	0.7%	0.7%	0.00414	0.05414	-0.00032	
If uses gas as cooking fuel	0.296	0.456	0.0%	0.9%	12.9%	56.3%	94.3%	32.9%	0.07186	0.11084	-0.04658	
If uses electricity as cooking fuel	0.006	0.074	0.0%	0.0%	0.5%	1.4%	1.6%	0.7%	0.00655	0.08762	-0.00049	
If uses other cooking fuel	0.000	0.009	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00074	0.07845	-0.00001	
If does not cook	0.007	0.081	0.1%	0.3%	0.2%	0.4%	0.1%	0.2%	0.00044	0.00542	-0.00004	
If has cane, palm, trunks for walls	0.025	0.155	8.4%	1.4%	0.3%	0.1%	0.0%	2.0%	-0.01990	-0.12546	0.00316	
If has stone walls	0.054	0.226	0.5%	2.9%	8.8%	6.6%	4.8%	4.7%	0.01208	0.05067	-0.00288	
If has wood planks for walls	0.275	0.446	59.7%	37.1%	20.3%	7.6%	2.5%	25.4%	-0.04214	-0.06846	0.02593	
If has bricks, cement blocks, concrete walls	0.307	0.461	0.6%	15.1%	32.1%	52.7%	71.4%	34.4%	0.05082	0.07628	-0.03385	
If has other material for walls	0.001	0.035	0.6%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.00403	-0.11462	0.00014	
If has roofing tiles	0.198	0.399	25.1%	25.8%	19.3%	9.5%	5.8%	17.1%	-0.01485	-0.02988	0.00738	

If has other roofing	0.005	0.073	2.5%	0.1%	0.1%	0.0%	0.3%	0.6%	-0.00741	-0.10153	0.00054
If rain for drinking water	0.003	0.052	0.3%	0.3%	0.2%	0.1%	0.2%	0.2%	-0.00220	-0.04192	0.00012
If uses a public well	0.084	0.278	16.4%	15.0%	3.5%	0.6%	0.1%	7.1%	-0.02359	-0.07774	0.00716
If connected to a septic system	0.016	0.127	0.0%	0.0%	0.3%	2.9%	3.6%	1.4%	0.01469	0.11369	-0.00190
If connected to an open sewer	0.052	0.222	0.0%	0.3%	1.1%	8.5%	15.4%	5.1%	0.02846	0.12164	-0.00666
If uses bottled water	0.012	0.107	0.0%	0.0%	0.1%	0.4%	4.1%	0.9%	0.01598	0.14774	-0.00173
If connected to a river or creek	0.006	0.078	0.0%	0.1%	0.9%	0.7%	0.6%	0.5%	0.00526	0.06723	-0.00041
If floor is of mud bricks	0.018	0.132	0.0%	1.1%	2.5%	3.2%	3.2%	2.0%	0.00777	0.05794	-0.00104
If uses pit used to collect manure for latrine	0.005	0.072	0.2%	1.5%	0.6%	0.4%	0.0%	0.6%	-0.00278	-0.03844	0.00020
If has connection to rainwater (toilet)	0.000	0.013	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.00091	0.06829	-0.00001
If uses a hanging latrine	0.001	0.028	0.2%	0.2%	0.0%	0.1%	0.0%	0.1%	-0.00245	-0.08693	0.00007
Water from private piped source outside residence	0.035	0.184	3.4%	5.9%	3.2%	1.0%	0.1%	2.7%	-0.00901	-0.04728	0.00172
If cooks with charcoal	0.004	0.066	0.0%	0.4%	1.0%	0.8%	0.0%	0.4%	0.00028	0.00414	-0.00002
Light from generator	0.005	0.074	0.4%	1.4%	0.5%	0.0%	0.0%	0.5%	-0.00406	-0.05474	0.00030
Light from gas or kerosene	0.340	0.474	98.9%	49.4%	1.8%	0.1%	0.0%	30.0%	-0.07283	-0.10152	0.05225
Light from other	0.001	0.030	0.3%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.00294	-0.09877	0.00009
Trash disposal: public collection	0.302	0.459	0.2%	2.3%	21.1%	57.7%	90.3%	34.3%	0.06800	0.10332	-0.04476
Trash disposal: burning	0.433	0.495	47.5%	65.5%	57.4%	26.3%	3.2%	40.0%	-0.03270	-0.03743	0.02857
Trash disposal: burying	0.052	0.221	5.1%	8.1%	5.2%	3.2%	0.5%	4.4%	-0.00930	-0.03987	0.00217
Trash disposal: street cleaner	0.003	0.059	0.0%	0.0%	0.3%	1.0%	0.8%	0.4%	0.00442	0.07517	-0.00026
Trash disposal: private collection	0.016	0.124	0.0%	0.5%	2.1%	3.9%	2.1%	1.7%	0.00778	0.06175	-0.00098
Trash disposal: public containers	0.012	0.109	0.1%	1.0%	2.5%	2.9%	2.6%	1.8%	0.00549	0.04996	-0.00060
Trash disposal: yard open land	0.182	0.386	47.1%	22.5%	11.3%	5.1%	0.5%	17.3%	-0.03832	-0.08128	0.01807
Trash disposal: Other	0.000	0.013	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00057	-0.04297	0.00001
Dwelling owned with deed	0.581	0.493	40.4%	48.5%	56.6%	65.2%	76.9%	57.5%	0.02828	0.02401	-0.03332
Dwelling owned without deed	0.288	0.453	44.5%	38.0%	34.7%	25.5%	12.5%	31.0%	-0.02650	-0.04168	0.01684
Dwelling owned with with mortgage, loan, being paid off	0.002	0.046	0.1%	0.1%	0.2%	0.5%	0.5%	0.3%	0.00251	0.05457	-0.00012
Dwelling is loaned	0.088	0.283	14.5%	11.8%	5.8%	3.6%	2.0%	7.5%	-0.01768	-0.05693	0.00549
Adobe wall	0.109	0.311	19.2%	14.2%	4.7%	2.1%	2.2%	8.5%	-0.01976	-0.05655	0.00690
Earthen bricks or blocks for walls	0.124	0.329	3.4%	14.3%	16.5%	14.1%	8.2%	11.3%	0.00910	0.02421	-0.00342
Walls from waste material	0.032	0.177	6.0%	6.6%	3.2%	0.9%	0.0%	3.3%	-0.01469	-0.08037	0.00268
Walls from plycem or Nicalit tiles	0.011	0.102	0.3%	2.6%	2.1%	0.9%	0.3%	1.2%	-0.00167	-0.01619	0.00017
Roof from palm leaves and similar	0.039	0.194	16.2%	1.2%	0.0%	0.1%	0.0%	3.5%	-0.02742	-0.13543	0.00555
Roof from zinc	0.708	0.455	52.2%	69.6%	74.7%	85.4%	81.9%	72.7%	0.02256	0.01448	-0.03515
Roof from plycem or Nicalit tiles	0.198	0.399	25.1%	25.8%	19.3%	9.5%	5.8%	17.1%	-0.01485	-0.02988	0.00738
If dwelling is a house	0.935	0.247	82.8%	92.4%	97.5%	98.6%	98.6%	94.0%	0.02480	0.00655	-0.09393
If dwelling is a farm house	0.005	0.074	0.5%	0.4%	0.8%	0.5%	0.7%	0.6%	-0.00084	-0.01127	0.00006
If dwelling is a room	0.006	0.076	0.2%	0.8%	0.3%	0.8%	0.7%	0.6%	0.00107	0.01412	-0.00008
If dwelling is a ranch	0.033	0.179	12.2%	2.3%	0.1%	0.0%	0.0%	2.9%	-0.02501	-0.13533	0.00462
If dwelling is improvised home	0.019	0.137	4.2%	3.8%	1.1%	0.0%	0.0%	1.8%	-0.01241	-0.08904	0.00173
If dwelling is an apartment or room	0.000	0.019	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.00004	0.00192	0.00000
If dwelling is a store	0.001	0.030	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.00164	0.05510	-0.00005
Water from a spring	0.090	0.286	32.6%	8.5%	1.2%	0.0%	0.0%	8.5%	-0.03363	-0.10697	0.01057
Wash water piped inside residence	0.276	0.447	0.0%	3.7%	14.7%	42.1%	86.1%	29.3%	0.06493	0.10503	-0.04014
Wash water piped outside residence	0.288	0.453	1.8%	30.1%	63.2%	51.2%	13.1%	31.9%	0.01118	0.01759	-0.00710
Wash water from public tap	0.033	0.178	4.6%	6.4%	2.1%	0.9%	0.0%	2.8%	-0.01248	-0.06763	0.00230
Wash water from private tap	0.024	0.153	2.3%	4.3%	1.8%	0.5%	0.1%	1.8%	-0.00789	-0.05052	0.00123
Wash water from covered public well	0.069	0.254	12.0%	12.9%	3.5%	0.6%	0.0%	5.8%	-0.02048	-0.07512	0.00559

Wash water from private covered well	0.132	0.339	18.1%	25.8%	12.7%	4.4%	0.7%	12.3%	-0.01974	-0.05052	0.00771
Wash water from surface (river, stream, pond)	0.098	0.297	33.7%	8.4%	0.8%	0.1%	0.0%	8.6%	-0.03569	-0.10845	0.01175
Wash water from spring	0.076	0.265	27.0%	7.9%	1.0%	0.0%	0.0%	7.2%	-0.03004	-0.10467	0.00862
Wash water from rain	0.002	0.049	0.4%	0.3%	0.1%	0.0%	0.0%	0.2%	-0.00331	-0.06777	0.00016
Water recipient: tank with lid	0.007	0.085	0.0%	0.9%	0.9%	0.8%	0.6%	0.6%	0.00331	0.03848	-0.00028
Water recipient: tank without lid	0.001	0.035	0.1%	0.1%	0.1%	0.2%	0.0%	0.1%	0.00160	0.04555	-0.00006
Water recipient: jerry can with lid	0.266	0.442	31.0%	25.9%	24.9%	21.0%	17.9%	24.1%	-0.00766	-0.01272	0.00461
Water recipient: jerry can without lid	0.016	0.124	3.9%	1.6%	0.8%	0.9%	0.3%	1.5%	-0.00907	-0.07196	0.00114
Water recipient: bucket or pail with lid	0.404	0.491	47.4%	43.8%	41.6%	41.7%	25.6%	40.0%	-0.01221	-0.01484	0.01005
Water recipient: bucket or pail without lid	0.018	0.132	3.7%	2.4%	0.6%	0.7%	0.2%	1.5%	-0.01003	-0.07462	0.00135
Water recipient: barrel with lid	0.061	0.239	2.7%	4.9%	10.5%	7.4%	6.3%	6.3%	0.00418	0.01644	-0.00106
Water recipient: barrel without lid	0.005	0.074	0.4%	0.6%	1.1%	0.3%	0.7%	0.6%	0.00015	0.00198	-0.00001
Water recipient: cooking pot	0.007	0.085	0.0%	0.9%	0.9%	0.8%	0.6%	0.6%	0.00331	0.03848	-0.00028
Water recipient: other	0.002	0.040	0.1%	0.0%	0.1%	0.2%	0.6%	0.2%	0.00410	0.10287	-0.00016
Water recipient: does not use	0.137	0.344	1.1%	5.1%	9.7%	22.3%	46.6%	17.0%	0.03889	0.09747	-0.01552
Public sewer for water disposal	0.132	0.339	0.1%	0.5%	2.0%	18.2%	72.9%	18.7%	0.05380	0.13776	-0.02101
Septic system for water disposal	0.058	0.234	0.0%	0.9%	3.6%	11.8%	12.1%	5.7%	0.02491	0.10040	-0.00618
Yard or patio for water disposal	0.594	0.491	62.1%	77.8%	78.3%	49.0%	7.3%	54.9%	-0.03462	-0.02864	0.04185
River or gorge for water disposal	0.154	0.361	37.1%	18.2%	8.9%	5.9%	1.6%	14.3%	-0.02925	-0.06848	0.01249
Street for water disposal	0.056	0.231	0.3%	1.8%	7.1%	14.6%	5.8%	5.9%	0.01599	0.06543	-0.00391
Other place for water disposal	0.004	0.062	0.5%	0.4%	0.2%	0.3%	0.1%	0.3%	-0.00318	-0.05086	0.00020
If uses electricity as lighting fuel	0.653	0.476	0.3%	48.9%	97.6%	99.8%	100.0%	69.3%	0.07333	0.05345	-0.10059

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.

Nicaragua 2001
Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.99732
second	-0.99732	-0.24161
middle	-0.24161	0.38187
fourth	0.38187	1.16478
richest	1.16478	highest