

**Health, Nutrition, Population and Poverty**  
**Bolivia 1998 - ANNEX B: ASSETS AND FACTOR SCORES**

Asset Variable	Unweighted		Lowest	2nd	3rd	Quintiles		Average	Factor Score	Household score if:	
	Mean	Std. Deviation				4th	Highest			has asset	no asset
			Percentage of Population								
Has electricity	0.655	0.475	3.6%	59.5%	96.2%	99.8%	100.0%	71.8%	0.11453	0.08314	-0.15777
Has radio	0.826	0.379	61.5%	83.8%	90.9%	96.4%	98.8%	86.3%	0.06199	0.02846	-0.13501
Has television	0.567	0.496	0.5%	37.3%	85.9%	97.7%	99.6%	64.2%	0.11413	0.09975	-0.13058
Has refrigerator	0.300	0.458	0.0%	6.0%	18.2%	59.5%	96.5%	36.0%	0.09763	0.14909	-0.06393
Has telephone	0.196	0.397	0.1%	0.1%	2.1%	24.4%	91.1%	23.6%	0.09004	0.18241	-0.04444
Has celular phone	0.038	0.192	0.1%	0.0%	0.2%	1.9%	25.1%	5.4%	0.04526	0.22674	-0.00903
Has computer	0.043	0.203	0.0%	0.0%	0.3%	0.6%	28.9%	6.0%	0.04923	0.23149	-0.01047
Special room for cooking	0.775	0.417	76.7%	73.4%	73.7%	81.9%	97.8%	80.7%	0.01901	0.01023	-0.03533
If household works own or family's agric. land	0.171	0.377	59.3%	28.2%	6.2%	1.2%	0.5%	19.1%	-0.06816	-0.15000	0.03097
Number of members per sleeping room	3.215	2.126	5.0	4.6	4.1	3.3	1.9	3.8	-0.04798	0.04999	0.07256
If piped drinking water in residence	0.307	0.461	1.1%	11.1%	24.6%	41.7%	84.7%	32.6%	0.08397	0.12609	-0.05591
If piped drinking water outside of residence	0.309	0.462	7.6%	38.0%	55.6%	52.8%	14.1%	33.6%	0.02495	0.03729	-0.01670
If piped drinking water in public tap	0.084	0.277	12.0%	18.0%	9.1%	2.0%	0.5%	8.3%	-0.02120	-0.07012	0.00641
If well drinking water	0.132	0.338	30.3%	19.2%	4.1%	0.7%	0.2%	10.9%	-0.05240	-0.13463	0.02039
If uses river, canal or surface water for drinking	0.142	0.349	46.7%	8.4%	0.7%	0.0%	0.0%	11.2%	-0.07394	-0.18207	0.03002
If uses tanker truck for drinking water	0.010	0.101	0.1%	2.0%	4.1%	2.5%	0.4%	1.8%	0.00408	0.04012	-0.00042
Other source of drinking water	0.016	0.127	2.2%	3.2%	1.9%	0.3%	0.0%	1.5%	-0.01041	-0.08052	0.00135
If has private flush toilet	0.196	0.397	0.4%	1.1%	3.6%	28.1%	82.5%	23.1%	0.08584	0.17378	-0.04240
If uses shared flush toilet	0.060	0.237	0.0%	0.4%	2.8%	14.5%	7.8%	5.1%	0.02930	0.11616	-0.00739
If uses any flush toilet (unknown ownership)	0.002	0.045	0.0%	0.0%	0.0%	0.3%	0.7%	0.2%	0.00720	0.15830	-0.00033
If has private pit latrine	0.228	0.419	19.4%	36.6%	36.3%	32.7%	7.1%	26.4%	-0.00314	-0.00579	0.00171
If uses shared latrine	0.105	0.306	1.9%	7.8%	21.1%	20.6%	1.6%	10.6%	0.01618	0.04730	-0.00553
If uses any latrine	0.003	0.051	0.1%	0.4%	0.5%	0.3%	0.1%	0.3%	0.00154	0.02987	-0.00008
If uses bush,field as latrine	0.406	0.491	77.9%	53.5%	35.7%	3.3%	0.2%	34.1%	-0.09171	-0.11093	0.07581
If has dirt, earth principal floor in dwelling	0.372	0.483	97.3%	57.5%	8.4%	0.6%	0.0%	32.7%	-0.11386	-0.14779	0.08771
If has wood, plank principal floor in dwelling	0.128	0.334	0.2%	6.6%	14.4%	19.0%	31.0%	14.2%	0.04589	0.11973	-0.01759
If has parquet or tile principal floor in dwelling	0.088	0.283	0.1%	0.7%	3.1%	5.1%	38.6%	9.5%	0.05508	0.17783	-0.01706
If has cement principal floor	0.329	0.470	1.2%	27.3%	58.7%	64.1%	27.2%	35.7%	0.04540	0.06490	-0.03175
If has other type of flooring	0.006	0.076	0.5%	0.9%	0.4%	0.1%	0.6%	0.5%	-0.00135	-0.01766	0.00010
If has cane, palm, trunks for walls	0.021	0.144	6.2%	1.7%	0.6%	0.0%	0.0%	1.7%	-0.02435	-0.16500	0.00359
If has stone walls	0.013	0.115	4.2%	0.2%	0.0%	0.2%	0.1%	0.9%	-0.02258	-0.19455	0.00262
If has wood planks for walls	0.045	0.207	7.7%	10.5%	4.2%	0.4%	0.1%	4.6%	-0.01786	-0.08258	0.00386
If has unplastered brick or mud walls	0.197	0.398	53.1%	22.7%	6.2%	2.0%	0.3%	16.8%	-0.07552	-0.15233	0.03744
If plastered brick walls	0.447	0.497	23.5%	53.9%	63.4%	41.5%	19.4%	40.3%	0.01403	0.01562	-0.01260
If has bricks, cement blocks, concrete walls	0.259	0.438	0.2%	8.1%	25.4%	55.9%	80.1%	33.9%	0.08105	0.13724	-0.04786
If has other material for walls	0.018	0.133	5.0%	3.0%	0.1%	0.0%	0.0%	1.6%	-0.01956	-0.14415	0.00266
If has natural material roofing	0.237	0.425	75.7%	12.9%	0.9%	0.0%	0.0%	17.9%	-0.10071	-0.18077	0.05610
If has corrugated iron roofing	0.448	0.497	12.6%	60.6%	73.2%	58.0%	39.2%	48.7%	0.04129	0.04580	-0.03723
If has roofing tiles	0.276	0.447	9.5%	25.1%	24.3%	38.3%	50.2%	29.5%	0.04081	0.06614	-0.02518
If has concrete roof	0.031	0.173	0.1%	0.5%	1.4%	3.6%	10.5%	3.2%	0.02898	0.16185	-0.00519
If has other roofing	0.007	0.084	2.1%	0.9%	0.1%	0.0%	0.0%	0.6%	-0.01227	-0.14420	0.00104

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.

## Bolivia 1998

### Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.93961
second	-0.93961	0.01693
middle	0.01693	0.52257
fourth	0.52257	1.07105
richest	1.07105	highest