

**Health, Nutrition, Population and Poverty**  
**Rwanda 2000 - 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	0.073	0.261	0.0%	0.0%	0.0%	1.7%	34.7%	7.3%	0.13193	0.46875	-0.03713	
Has radio	0.396	0.489	0.0%	0.0%	31.6%	74.7%	76.8%	39.6%	0.06712	0.08281	-0.05441	
Has television	0.033	0.178	0.0%	0.0%	0.0%	0.0%	16.5%	3.3%	0.11672	0.63309	-0.02152	
Has refrigerator	0.020	0.139	0.0%	0.0%	0.0%	0.0%	9.8%	2.0%	0.10310	0.72905	-0.01458	
Has bicycle	0.088	0.283	4.0%	0.0%	10.0%	12.4%	16.4%	8.8%	0.01797	0.05804	-0.00557	
Has motorcycle/scooter	0.007	0.084	0.0%	0.0%	0.0%	0.6%	2.9%	0.7%	0.03469	0.40763	-0.00295	
Has car/truck	0.012	0.111	0.0%	0.0%	0.0%	0.0%	6.2%	1.2%	0.07989	0.71153	-0.00897	
Has telephone	0.016	0.124	0.0%	0.0%	0.0%	0.0%	7.8%	1.6%	0.09789	0.77684	-0.01233	
If piped drinking water in residence	0.022	0.146	0.0%	0.0%	0.0%	0.6%	10.3%	2.2%	0.08251	0.55243	-0.01232	
If has piped water in the courtyard	0.041	0.198	0.0%	0.0%	0.0%	1.2%	19.2%	4.1%	0.08174	0.39521	-0.01691	
Other source of drinking water	0.002	0.046	0.0%	0.0%	0.0%	0.1%	0.9%	0.2%	0.01425	0.30906	-0.00066	
If uses flush toilet	0.015	0.121	0.0%	0.0%	0.0%	0.0%	7.4%	1.5%	0.08141	0.66531	-0.00996	
If gets water from a tanker truck	0.002	0.043	0.0%	0.0%	0.0%	0.2%	0.6%	0.2%	0.01470	0.34231	-0.00063	
If has traditional pit latrine	0.872	0.334	100.0%	100.0%	100.0%	84.8%	54.4%	87.2%	-0.10287	-0.03938	0.26874	
If uses surface water for drinking	0.132	0.338	59.1%	0.0%	18.2%	5.2%	3.9%	13.2%	-0.02297	-0.05901	0.00894	
If uses bush,field as latrine	0.030	0.169	0.0%	0.0%	0.0%	11.4%	1.0%	3.0%	-0.00224	-0.01281	0.00039	
If other type of latrine	0.000	0.007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00018	-0.02550	0.00000	
If has a dirt or sand floor	0.830	0.375	100.0%	100.0%	100.0%	91.2%	25.5%	83.0%	-0.11869	-0.05368	0.26244	
If has a dung floor	0.016	0.125	0.0%	0.0%	0.0%	5.7%	1.1%	1.6%	0.00063	0.00495	-0.00008	
If has bottled water for drinking water	0.000	0.006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00696	1.15101	-0.00004	
If has other type of flooring	0.003	0.055	0.0%	0.0%	0.0%	1.0%	0.3%	0.3%	0.00123	0.02212	-0.00007	
If has a cement floor	0.146	0.353	0.0%	0.0%	0.0%	1.2%	71.9%	14.6%	0.12169	0.29425	-0.05032	
If has floor of ceramic tile	0.001	0.036	0.0%	0.0%	0.0%	0.0%	0.6%	0.1%	0.02867	0.79697	-0.00103	
If has palm or bamboo flooring	0.000	0.014	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.00179	0.12843	-0.00002	
If uses wood planks for floor	0.000	0.022	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.00048	0.02168	-0.00001	
If uses wood as cooking fuel	0.881	0.323	100.0%	100.0%	100.0%	97.3%	43.7%	88.1%	-0.12131	-0.04453	0.33049	
If uses dung, manure as cooking fuel	0.001	0.029	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	-0.00014	-0.00479	0.00000	
If uses coal as cooking fuel	0.004	0.062	0.0%	0.0%	0.0%	0.4%	1.5%	0.4%	0.01526	0.24427	-0.00095	
If uses kerosene as cooking fuel	0.000	0.013	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.00726	0.54791	-0.00010	
If uses gas as cooking fuel	0.000	0.019	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.01931	0.99899	-0.00037	
If uses electricity as cooking fuel	0.002	0.048	0.0%	0.0%	0.0%	0.0%	1.2%	0.2%	0.03626	0.75116	-0.00175	
If uses other cooking fuel	0.003	0.057	0.0%	0.0%	0.0%	0.7%	0.8%	0.3%	0.00509	0.08874	-0.00029	
If rain for drinking water	0.000	0.015	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00131	-0.08735	0.00002	
If uses charcoal as cooking fuel	0.107	0.309	0.0%	0.0%	0.0%	1.1%	52.4%	10.7%	0.11569	0.33400	-0.04007	
If has carpeted flooring	0.000	0.017	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.00678	0.40925	-0.00011	
If uses a ventilated, improved latrine	0.082	0.274	0.0%	0.0%	0.0%	3.2%	37.1%	8.2%	0.09102	0.30548	-0.02712	
If uses public tap water	0.294	0.456	0.0%	0.0%	65.9%	32.7%	42.7%	29.4%	0.00351	0.00543	-0.00226	
If has an unprotected well in the courtyard	0.000	0.007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00492	0.74311	-0.00003	
If uses water from an unprotected public well	0.040	0.195	17.9%	0.0%	4.9%	2.0%	1.2%	4.0%	-0.01104	-0.05426	0.00225	
If gets water from a protected well in courtyard	0.000	0.014	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.00093	-0.06497	0.00001	

If gets water from protected public well	0.057	0.233	22.7%	0.0%	8.5%	2.3%	3.1%	5.7%	-0.01030	-0.04172	0.00254
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Notes:

1. Household score for number of members per sleeping room is calculated as follows:  
 $(\# \text{ people per room} - \text{unweighted mean}) / \text{unweighted standard deviation} \times \text{factor score}$ ; see Annex C.
2. 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.

**Rwanda 2000**  
**Annex B: Assets and Factor Scores**

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.50286
second	-0.50286	-0.48423
middle	-0.48423	-0.34837
fourth	-0.34837	0.09382
richest	0.09382	highest