

Health, Nutrition, Population and Poverty
Eritrea 1995 - 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	0.350	0.477	0.0%	0.0%	0.5%	17.9%	97.2%	23.1%	0.12849	0.17502	-0.09431	
Has radio	0.467	0.499	0.0%	13.0%	34.7%	73.6%	93.3%	43.2%	0.09594	0.10241	-0.08986	
Has television	0.100	0.301	0.0%	0.0%	0.0%	0.1%	39.5%	7.9%	0.11155	0.33392	-0.03726	
Has refrigerator	0.055	0.228	0.0%	0.0%	0.0%	0.0%	19.6%	3.9%	0.09076	0.37537	-0.02194	
Has bicycle	0.099	0.298	0.0%	0.0%	0.2%	10.5%	36.3%	9.4%	0.07360	0.22257	-0.02433	
Has motorcycle	0.002	0.047	0.0%	0.0%	0.0%	0.0%	1.0%	0.2%	0.01306	0.27844	-0.00061	
Has car	0.029	0.169	0.0%	0.0%	0.0%	0.6%	12.5%	2.6%	0.06651	0.38308	-0.01154	
Has telephone	0.039	0.193	0.0%	0.0%	0.0%	0.0%	15.1%	3.0%	0.08206	0.40862	-0.01648	
If HH has a domestic worker not related to head	0.018	0.133	0.0%	0.0%	0.0%	0.4%	7.1%	1.5%	0.04926	0.36467	-0.00665	
If household works own or family's agric. land	0.264	0.441	99.6%	52.8%	49.7%	18.5%	3.7%	44.2%	-0.06150	-0.10256	0.03687	
Number of members per sleeping room	3.658	2.208	5.8	5.7	4.1	4.3	3.7	4.7	-0.04238	0.05103	0.07022	
If piped drinking water in residence	0.164	0.370	0.0%	0.0%	0.0%	1.0%	53.8%	11.0%	0.11489	0.25935	-0.05088	
If piped drinking water in public tap	0.132	0.338	0.6%	6.7%	14.4%	24.5%	10.7%	11.5%	-0.00745	-0.01914	0.00290	
If inside well drinking water	0.003	0.051	0.0%	0.0%	0.0%	0.4%	0.6%	0.2%	0.00762	0.15037	-0.00039	
If uses river, canal or surface water for drinking	0.248	0.432	53.1%	48.6%	51.8%	31.1%	0.5%	37.0%	-0.05958	-0.10386	0.03417	
Other source of drinking water	0.001	0.027	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.00119	-0.04403	0.00003	
If uses shared flush toilet	0.061	0.239	0.0%	0.0%	0.0%	0.7%	16.5%	3.4%	0.04079	0.15994	-0.01040	
If has traditional pit latrine	0.088	0.284	0.0%	0.0%	0.0%	8.9%	17.7%	5.3%	0.03428	0.11000	-0.01068	
If uses VIP latrine	0.011	0.106	0.0%	0.0%	0.0%	0.6%	3.7%	0.9%	0.01784	0.16660	-0.00191	
If uses bush,field as latrine	0.718	0.450	100.0%	100.0%	99.9%	89.3%	18.8%	81.6%	-0.12793	-0.08009	0.20432	
If has dirt, earth principal floor in dwelling	0.661	0.474	100.0%	84.2%	77.0%	66.8%	9.4%	67.2%	-0.11613	-0.08323	0.16201	
If has wood, plank principal floor in dwelling	0.000	0.014	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00013	0.00965	0.00000	
If has cement principal floor	0.135	0.342	0.0%	0.0%	0.0%	4.3%	39.8%	8.8%	0.06476	0.16394	-0.02557	
If has tile or brick flooring	0.138	0.345	0.0%	0.0%	0.0%	0.3%	49.6%	10.0%	0.10812	0.27034	-0.04323	
If has other type of flooring	0.002	0.047	0.0%	0.0%	0.4%	0.3%	0.0%	0.1%	-0.00384	-0.08195	0.00018	
If rain for drinking water	0.000	0.019	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.00176	-0.09222	0.00003	
If uses a public well	0.294	0.456	46.3%	44.6%	33.2%	30.1%	1.3%	31.0%	-0.06324	-0.09790	0.04084	
If has own flush toilet	0.119	0.324	0.0%	0.0%	0.0%	0.3%	43.2%	8.7%	0.11140	0.30251	-0.04102	
If uses bottled water	0.000	0.019	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.00463	0.24209	-0.00009	
If uses water from a tanker truck	0.146	0.354	0.0%	0.0%	0.2%	11.8%	32.1%	8.8%	0.03948	0.09530	-0.01635	
If floor is made of dung	0.057	0.232	0.0%	15.8%	21.0%	26.5%	0.5%	13.0%	-0.01829	-0.07425	0.00451	
If floor is made of parquet, polished wood	0.001	0.027	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.00360	0.13291	-0.00010	
If has palm or bamboo floor	0.004	0.066	0.0%	0.0%	0.4%	1.2%	0.1%	0.3%	-0.00348	-0.05241	0.00023	
If has carpeted flooring	0.001	0.027	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.00879	0.32475	-0.00024	
If water is from a private individual	0.000	0.019	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.00463	0.24209	-0.00009	

Notes:

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

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

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.

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Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.81231
second	-0.81231	-0.68421
middle	-0.68421	-0.53891
fourth	-0.53891	0.20853
richest	0.20853	highest

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