

Health, Nutrition, Population and Poverty
Dominican Republic 1996 - 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 radio	0.607	0.488	40.8%	64.6%	69.4%	77.3%	81.8%	66.8%	0.05642	0.04538	-0.07014
Has television	0.646	0.478	23.5%	73.8%	85.5%	93.7%	98.8%	75.0%	0.09116	0.06745	-0.12321
Has refrigerator	0.459	0.498	2.2%	30.9%	63.8%	85.5%	98.0%	56.1%	0.11161	0.12120	-0.10276
Has bicycle	0.031	0.174	1.6%	3.6%	3.0%	4.4%	7.1%	3.9%	0.01655	0.09233	-0.00297
Has motorcycle	0.138	0.345	5.5%	14.9%	19.4%	16.3%	12.2%	13.7%	0.01516	0.03788	-0.00607
Has car	0.098	0.298	0.3%	1.2%	3.5%	10.6%	52.5%	13.6%	0.08281	0.25081	-0.02734
Has telephone	0.197	0.398	0.0%	1.3%	12.4%	41.9%	86.8%	28.5%	0.11055	0.22332	-0.05472
If household works own or family's agric. land	0.101	0.301	24.8%	9.1%	4.5%	1.8%	1.9%	8.4%	-0.04147	-0.12378	0.01389
Number of members per sleeping room	2.360	1.745	4.0	3.0	2.7	2.1	1.5	2.7	-0.07295	0.05685	0.09867
If piped drinking water in residence	0.170	0.375	0.5%	5.6%	17.0%	37.1%	33.6%	18.8%	0.06422	0.14207	-0.02902
If piped drinking water in tap outside residence	0.385	0.487	48.4%	58.7%	45.4%	15.2%	3.5%	34.2%	-0.05878	-0.07425	0.04653
If uses well for drinking water	0.037	0.188	10.0%	4.3%	2.0%	0.6%	0.0%	3.4%	-0.02646	-0.13581	0.00516
If uses river, canal or surface water for drinking	0.084	0.278	25.2%	4.2%	1.7%	0.4%	0.0%	6.3%	-0.05435	-0.17932	0.01647
Other source of drinking water	0.012	0.108	1.4%	1.3%	1.2%	1.3%	0.5%	1.1%	-0.00461	-0.04224	0.00050
If uses shared flush toilet	0.046	0.210	0.5%	4.4%	11.2%	10.6%	0.8%	5.5%	0.00846	0.03843	-0.00186
If has private latrine with box	0.341	0.474	39.5%	54.0%	45.5%	12.6%	0.7%	30.4%	-0.04650	-0.06463	0.03345
If has private latrine without box	0.032	0.176	6.1%	5.6%	2.3%	0.4%	0.0%	2.9%	-0.02082	-0.11464	0.00378
If uses bush,field as latrine	0.133	0.340	31.2%	10.1%	5.3%	0.0%	0.0%	9.3%	-0.06419	-0.16369	0.02517
If has dirt as principal floor in dwelling	0.132	0.339	37.1%	2.9%	0.9%	0.4%	0.1%	8.3%	-0.07903	-0.20240	0.03085
If has wood, plank principal floor in dwelling	0.007	0.086	1.1%	1.1%	0.3%	0.2%	0.1%	0.6%	-0.00611	-0.07043	0.00053
If has cement principal floor	0.726	0.446	61.5%	95.3%	96.5%	88.0%	24.7%	73.2%	-0.01931	-0.01187	0.03141
If has granite, marble, or mosaic flooring	0.131	0.338	0.0%	0.1%	1.8%	10.8%	75.2%	17.6%	0.10658	0.27407	-0.04144
If has other type of flooring	0.002	0.040	0.2%	0.6%	0.1%	0.2%	0.0%	0.2%	-0.00183	-0.04601	0.00007
If has palms for walls	0.191	0.393	42.5%	25.4%	6.2%	0.8%	0.0%	15.0%	-0.06298	-0.12965	0.03059
If has yagua walls	0.007	0.081	2.5%	0.0%	0.0%	0.0%	0.0%	0.5%	-0.02059	-0.25327	0.00167
If has wood planks for walls	0.299	0.458	42.8%	52.5%	28.9%	8.2%	0.5%	26.6%	-0.05390	-0.08260	0.03517
If has walls made from discarded materials	0.005	0.069	2.1%	0.5%	0.0%	0.0%	0.0%	0.5%	-0.01169	-0.16907	0.00081
If tejamanil walls	0.021	0.145	4.6%	0.2%	0.0%	0.0%	0.0%	1.0%	-0.03526	-0.23843	0.00521
If has bricks, cement blocks, concrete walls	0.463	0.499	1.7%	19.3%	64.2%	90.9%	99.3%	55.0%	0.11818	0.12724	-0.10976
If has other material for walls	0.013	0.115	3.6%	2.0%	0.6%	0.0%	0.2%	1.3%	-0.01647	-0.14090	0.00192
If has bamboo for roofing material	0.062	0.242	10.7%	3.6%	0.5%	0.1%	0.0%	3.0%	-0.03706	-0.14380	0.00955
If has yagua roofing	0.029	0.167	9.2%	0.0%	0.0%	0.0%	0.0%	1.8%	-0.05663	-0.32971	0.00972
If has clay roofing tiles	0.029	0.167	9.2%	0.0%	0.0%	0.0%	0.0%	1.8%	-0.05663	-0.32971	0.00972
If has other roofing	0.009	0.095	1.6%	0.2%	0.1%	0.0%	0.0%	0.4%	-0.01597	-0.16597	0.00154
If rain for drinking water	0.105	0.307	12.7%	19.6%	12.1%	6.9%	1.3%	10.5%	-0.01850	-0.05400	0.00634
If has walls made of bricks	0.000	0.015	0.0%	0.1%	0.0%	0.2%	0.0%	0.1%	0.00031	0.02032	0.00000
If has own flush toilet	0.289	0.453	0.0%	1.2%	17.0%	72.3%	98.5%	37.8%	0.12980	0.20342	-0.08281

If has wood for roof material	0.002	0.045	0.2%	0.0%	0.4%	0.3%	0.0%	0.2%	-0.00322	-0.07133	0.00015
If uses water from a tanker truck	0.026	0.160	1.3%	2.3%	2.1%	2.0%	0.0%	1.6%	-0.00800	-0.04861	0.00132
If uses bottled water	0.181	0.385	0.5%	4.0%	18.4%	36.5%	61.1%	24.1%	0.08312	0.17676	-0.03908
If has cement or concrete roofing	0.211	0.408	0.0%	0.3%	7.9%	34.2%	93.8%	27.2%	0.11766	0.22723	-0.06092
If uses a shared latrine with box	0.138	0.345	19.6%	21.9%	16.9%	3.3%	0.0%	12.3%	-0.03218	-0.08048	0.01286
If uses a shared latrine, no box	0.014	0.118	2.2%	2.1%	1.1%	0.2%	0.0%	1.1%	-0.01341	-0.11195	0.00161
If uses other type of latrine	0.004	0.059	0.5%	0.5%	0.3%	0.1%	0.0%	0.3%	-0.00553	-0.09322	0.00033
If has zinc roofing	0.669	0.471	77.6%	93.3%	89.6%	63.9%	5.6%	66.0%	-0.05899	-0.04147	0.08391
If has cardboard zinc roofing	0.002	0.050	0.2%	0.4%	0.3%	0.6%	0.0%	0.3%	-0.00123	-0.02462	0.00006
If has asbestos materials for roofing	0.029	0.167	9.2%	0.0%	0.0%	0.0%	0.0%	1.8%	-0.05663	-0.32971	0.00972

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.

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Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.68057
second	-0.68057	-0.23502
middle	-0.23502	0.40626
fourth	0.40626	1.29675
richest	1.29675	highest