

Health, Nutrition, Population and Poverty
Mali 2001 - 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	0.108	0.311	0.0%	0.7%	1.6%	5.4%	56.3%	12.8%	0.13708	0.39356	-0.04774	
Has radio	0.675	0.468	62.3%	73.1%	63.8%	76.5%	91.9%	73.5%	0.03933	0.02727	-0.05671	
Has television	0.129	0.335	0.0%	1.0%	4.1%	14.2%	69.8%	17.8%	0.12626	0.32874	-0.04849	
Has refrigerator	0.051	0.220	0.0%	0.0%	0.0%	0.1%	34.5%	6.9%	0.12706	0.54804	-0.02946	
Has bicycle	0.447	0.497	68.1%	67.0%	51.3%	46.7%	43.8%	55.4%	-0.02041	-0.02269	0.01836	
Has motorcycle/scooter	0.188	0.391	11.3%	25.1%	15.0%	26.9%	46.5%	24.9%	0.04393	0.09121	-0.02116	
Has car/truck	0.041	0.198	0.0%	0.1%	1.0%	3.5%	25.7%	6.1%	0.09137	0.44170	-0.01890	
Has telephone	0.023	0.151	0.0%	0.0%	0.0%	0.2%	17.1%	3.5%	0.09843	0.63760	-0.01519	
Deos hh have horse-drawn cart	0.391	0.488	92.3%	66.7%	26.0%	30.2%	11.9%	45.4%	-0.06888	-0.08594	0.05520	
Does hh have plow	0.448	0.497	96.5%	79.3%	36.7%	31.6%	8.1%	50.4%	-0.07916	-0.08791	0.07127	
Deos hh have horse	0.090	0.287	23.1%	7.6%	3.9%	4.1%	1.2%	8.0%	-0.03329	-0.10564	0.01049	
Does hh have wheel barrow	0.016	0.126	2.6%	1.1%	1.8%	1.2%	0.6%	1.4%	-0.00560	-0.04371	0.00072	
Does hh have donkey	0.439	0.496	91.2%	71.3%	32.2%	33.1%	9.6%	47.5%	-0.07411	-0.08381	0.06552	
If HH has a domestic worker not related to head	0.012	0.107	0.0%	0.0%	0.0%	0.0%	11.5%	2.3%	0.06996	0.64585	-0.00758	
If household works own or family's agric. land	0.275	0.447	59.4%	39.8%	38.2%	22.1%	3.2%	32.6%	-0.05072	-0.08233	0.03124	
if piped drinking water in residence	0.053	0.224	0.0%	0.0%	0.8%	2.2%	30.5%	6.7%	0.10174	0.42921	-0.02412	
if uses water that is piped into the building	0.023	0.150	0.0%	0.1%	1.7%	2.6%	7.3%	2.3%	0.03938	0.25645	-0.00605	
if uses a public faucet (piped)	0.185	0.388	6.1%	18.4%	15.5%	26.4%	35.2%	20.3%	0.03444	0.07237	-0.01639	
if has an open well 1	0.093	0.291	5.3%	13.9%	8.5%	14.8%	10.7%	10.6%	-0.00341	-0.01062	0.00109	
if has an open well 2	0.037	0.188	4.7%	4.5%	5.2%	5.1%	2.7%	4.4%	-0.00748	-0.03830	0.00146	
if has an open well 3	0.375	0.484	68.3%	42.4%	40.6%	23.4%	4.3%	35.8%	-0.06403	-0.08265	0.04961	
if uses covered well 1 for drinking water	0.042	0.201	3.6%	4.8%	6.1%	5.9%	3.8%	4.8%	-0.00309	-0.01475	0.00065	
if uses covered well 2 for drinking water	0.018	0.131	1.0%	2.4%	2.2%	3.8%	2.3%	2.3%	0.00052	0.00392	-0.00007	
if uses covered well 3 for drinking water	0.088	0.283	8.3%	8.8%	9.5%	6.8%	2.0%	7.1%	-0.01824	-0.05873	0.00567	
if uses river, canal or surface water for drinking 2	0.068	0.252	1.3%	3.4%	8.0%	7.6%	0.9%	4.3%	-0.00871	-0.03216	0.00236	
if uses river, canal or surface water for drinking 3	0.006	0.079	0.8%	0.4%	0.7%	0.2%	0.0%	0.4%	-0.00609	-0.07630	0.00049	
if uses river, canal or surface water for drinking 4	0.000	0.009	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00131	-0.14554	0.00001	
if spring for drinking water	0.008	0.087	0.2%	0.5%	0.9%	0.2%	0.0%	0.4%	-0.00527	-0.06018	0.00046	
if gets drinking water from tanker truck	0.000	0.013	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.00415	0.32589	-0.00005	
if uses bottled water	0.001	0.030	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00142	0.04757	-0.00004	
Other source of drinking water	0.001	0.036	0.0%	0.1%	0.1%	0.3%	0.2%	0.1%	0.00137	0.03792	-0.00005	
if uses a flush toilet in residence/private	0.040	0.196	0.2%	1.7%	2.5%	2.8%	12.9%	4.0%	0.04780	0.23422	-0.00975	
if uses a pit latrine	0.292	0.455	36.8%	38.2%	35.5%	32.4%	22.2%	33.0%	-0.02121	-0.03299	0.01363	
if uses a ventilated improved pit latrine	0.039	0.194	0.2%	2.1%	2.6%	5.8%	12.0%	4.6%	0.02887	0.14296	-0.00583	
if uses a shared flush toilet in residence/private	0.025	0.156	0.2%	1.5%	1.5%	1.7%	5.1%	2.0%	0.02547	0.15938	-0.00407	
if uses a shared pit latrine	0.284	0.451	21.6%	27.2%	28.2%	36.2%	32.0%	29.0%	0.00984	0.01562	-0.00619	
if uses a shared ventilated improved pit latrine	0.056	0.230	0.4%	2.1%	4.4%	8.9%	15.4%	6.2%	0.03623	0.14845	-0.00884	
if uses bush,field as latrine	0.262	0.440	40.4%	27.2%	25.2%	11.3%	0.4%	20.9%	-0.05028	-0.08440	0.02995	
if other type of latrine	0.000	0.016	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.00062	0.03989	-0.00001	
if has dirt, sand, dung as principal floor in dwelling	0.837	0.370	100.0%	100.0%	99.4%	81.2%	15.3%	79.2%	-0.13250	-0.05856	0.29978	

if has wood, plank principal floor in dwelling	0.001	0.025	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.00224	0.08809	-0.00006
if has tiles for main flooring material	0.000	0.020	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.00373	0.18538	-0.00008
if has cement principal floor	0.002	0.043	0.0%	0.0%	0.2%	0.7%	0.1%	0.2%	0.00048	0.01107	-0.00002
if has parquet or polished wood floors	0.013	0.112	0.0%	0.0%	0.0%	0.0%	9.7%	1.9%	0.07679	0.67836	-0.00869
if has vinyl or asphalt strips as flooring material	0.143	0.350	0.0%	0.0%	0.1%	17.0%	73.4%	18.1%	0.11125	0.27254	-0.04541
if has bricks for principal floor	0.003	0.053	0.0%	0.0%	0.0%	0.0%	1.3%	0.3%	0.02287	0.42858	-0.00122
if has other type of flooring	0.000	0.016	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.00060	0.03830	-0.00001
if uses electricity as cooking fuel	0.000	0.016	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00730	0.46785	-0.00011
if uses gas as cooking fuel	0.005	0.070	0.0%	0.0%	0.0%	0.0%	1.3%	0.3%	0.03441	0.49208	-0.00241
if uses biogas as cooking fuel	0.000	0.013	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00447	0.35100	-0.00006
if uses kerosene as cooking fuel	0.000	0.016	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.00183	0.11724	-0.00003
if uses coal as cooking fuel	0.002	0.045	0.0%	0.0%	0.0%	0.1%	1.1%	0.2%	0.01636	0.36288	-0.00074
if uses charcoal for cooking	0.100	0.299	0.0%	0.0%	1.6%	13.8%	34.4%	10.0%	0.09431	0.28371	-0.03135
if uses wood as cooking fuel	0.825	0.380	99.8%	98.0%	91.9%	76.9%	62.0%	85.7%	-0.08159	-0.03759	0.17710
if uses dung, manure as cooking fuel	0.054	0.226	0.1%	1.8%	6.2%	7.6%	0.5%	3.2%	-0.00525	-0.02197	0.00125
if uses other cooking fuel	0.013	0.112	0.1%	0.2%	0.3%	1.0%	0.5%	0.4%	0.00447	0.03935	-0.00051

Notes:

- Household score for number of members per sleeping room is calculated as follows:
 $(\# \text{ people per room} - \text{unweighted mean}) / \text{unweighted standard deviation}) * \text{factor score}$; see Annex C.
- Household score for size of land (irrigated or non-irrigated) is calculated as follows:
 $(\text{acres of land} - \text{unweighted mean}) / \text{unweighted standard deviation}) * \text{factor score}$; see Annex C.

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Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.64343
second	-0.64343	-0.42951
middle	-0.42951	-0.18055
fourth	-0.18055	0.53873
richest	0.53873	highest