

Health, Nutrition, Population and Poverty
Brazil 1996 - 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	0.925	0.264	65.3%	99.6%	99.7%	99.8%	100.0%	92.9%	0.11093	0.03167	-0.38855
Has radio	0.855	0.352	66.8%	85.1%	92.7%	95.5%	99.2%	87.8%	0.07124	0.02938	-0.17272
Has television	0.630	0.483	10.0%	48.4%	81.9%	95.5%	99.5%	67.1%	0.13348	0.10223	-0.17427
Has refrigerator	0.737	0.441	16.9%	73.9%	94.2%	98.7%	100.0%	76.7%	0.13695	0.08191	-0.22896
Has car	0.262	0.440	1.9%	9.8%	21.0%	43.9%	71.1%	29.5%	0.09409	0.15800	-0.05602
If HH has a domestic worker not related to head	0.013	0.113	0.2%	0.5%	1.2%	1.7%	3.0%	1.3%	0.01691	0.14809	-0.00193
If household works own or family's agric. land	0.066	0.248	23.9%	7.7%	2.4%	1.3%	0.4%	7.2%	-0.05960	-0.22470	0.01581
Number of members per sleeping room	1.881	1.148	2.6	2.4	2.1	1.9	1.6	2.1	-0.04858	0.03725	0.07955
If piped drinking water in residence	0.643	0.479	18.2%	61.3%	80.6%	87.6%	92.8%	68.1%	0.10803	0.08041	-0.14512
If piped drinking water outside residence	0.045	0.207	12.6%	4.4%	1.5%	0.4%	0.0%	3.8%	-0.03942	-0.18155	0.00856
If inside well or spring for drinking water	0.139	0.346	28.6%	22.0%	10.2%	4.4%	0.1%	13.1%	-0.05430	-0.13528	0.02179
If has outside well or spring for drinking water	0.100	0.300	29.2%	9.4%	5.0%	2.8%	0.1%	9.3%	-0.06869	-0.20575	0.02293
Other source of drinking water	0.034	0.182	11.1%	1.9%	0.5%	0.3%	0.0%	2.8%	-0.05221	-0.27689	0.00984
If connected to a sewer	0.336	0.472	2.5%	14.5%	39.2%	57.4%	82.1%	39.1%	0.10054	0.14128	-0.07154
If has pit latrine	0.154	0.361	22.9%	29.6%	11.8%	4.1%	0.9%	13.9%	-0.03676	-0.08609	0.01569
If uses other type of latrine	0.000	0.012	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00410	-0.33390	0.00005
If uses bush,field as latrine	0.129	0.335	54.1%	4.1%	0.5%	0.1%	0.0%	11.7%	-0.12300	-0.31998	0.04728
If has earth, dung principal floor in dwelling	0.065	0.246	28.8%	2.5%	0.5%	0.2%	0.0%	6.4%	-0.09715	-0.36946	0.02554
If has wood, plank principal floor in dwelling	0.068	0.251	6.1%	8.2%	7.9%	6.7%	5.4%	6.8%	0.00085	0.00316	-0.00023
If has cement principal floor	0.463	0.499	60.8%	76.0%	55.5%	20.6%	1.4%	42.9%	-0.06957	-0.07488	0.06462
If has clay tile flooring	0.268	0.443	0.4%	4.9%	22.2%	46.7%	65.8%	28.0%	0.09561	0.15781	-0.05792
If has other type of flooring	0.008	0.088	1.6%	0.3%	0.4%	0.9%	0.6%	0.7%	-0.00809	-0.09103	0.00072
If has cane, palm, trunks for walls	0.002	0.050	1.5%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.02717	-0.54439	0.00136
If has mud walls	0.039	0.193	17.7%	0.1%	0.0%	0.0%	0.0%	3.6%	-0.08866	-0.44146	0.01781
If has wood planks for walls	0.032	0.177	8.5%	4.0%	1.1%	0.1%	0.0%	2.7%	-0.03521	-0.19298	0.00643
If has alvenaria (finished) walls	0.830	0.376	60.8%	79.8%	86.1%	95.2%	99.9%	84.4%	0.08262	0.03737	-0.18265
If has polished wood walls	0.095	0.294	11.3%	16.1%	12.8%	4.7%	0.1%	9.0%	-0.02105	-0.06481	0.00684
If has other material for walls	0.000	0.015	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00407	-0.27072	0.00006
If has natural material roofing	0.013	0.112	7.2%	0.1%	0.1%	0.0%	0.0%	1.5%	-0.05934	-0.52431	0.00672
If has raw wood roofing	0.005	0.068	0.8%	0.6%	0.4%	0.3%	0.0%	0.4%	-0.00810	-0.11920	0.00055
If has roofing tiles	0.545	0.498	80.7%	78.3%	63.8%	33.3%	0.0%	51.2%	-0.09040	-0.08258	0.09894
If has other roofing	0.004	0.064	1.1%	0.4%	0.3%	0.5%	0.0%	0.5%	-0.00966	-0.14975	0.00062
If has cement or concrete roofing	0.263	0.440	0.3%	2.3%	13.2%	42.8%	94.8%	30.7%	0.11322	0.18965	-0.06759
If has a roof of zinc materials	0.039	0.193	5.3%	5.9%	4.0%	0.9%	0.2%	3.3%	-0.01636	-0.08155	0.00328
If has a roof made of polished wood	0.084	0.277	1.9%	6.6%	13.1%	19.8%	4.8%	9.3%	0.02633	0.08698	-0.00797
If has eternit, amianto roof	0.048	0.213	2.6%	5.7%	5.0%	2.3%	0.2%	3.1%	-0.00547	-0.02443	0.00122
If connected to an open sewer	0.047	0.211	7.5%	8.0%	4.4%	2.5%	0.5%	4.6%	-0.01936	-0.08755	0.00428
If uses bottled water	0.037	0.190	0.2%	0.8%	2.1%	4.5%	7.0%	2.9%	0.02869	0.14536	-0.00566
If connected to a river or creek	0.015	0.121	1.7%	2.7%	2.6%	1.1%	0.1%	1.6%	-0.00403	-0.03269	0.00050
If floor is of polished wood or parquet	0.091	0.288	2.1%	7.5%	11.2%	18.9%	16.4%	11.2%	0.03554	0.11207	-0.01127
If has carpeted flooring	0.030	0.171	0.1%	0.2%	1.7%	4.6%	9.6%	3.2%	0.03305	0.18756	-0.00582
If uses a latrine with connection to sewer	0.108	0.311	1.4%	8.7%	13.4%	16.7%	11.2%	10.3%	0.03091	0.08871	-0.01077

If has latrine not connected to sewer	0.208	0.406	9.5%	31.9%	27.9%	17.8%	4.9%	18.4%	0.00483	0.00943	-0.00247
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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	Asset Index Value	
	Lowest	Highest
poorest	lowest	-0.66129
second	-0.66129	0.02018
middle	0.02018	0.51776
fourth	0.51776	1.00965
richest	1.00965	highest