

Health, Nutrition, Population and Poverty
Indonesia 1997 - 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	0.718	0.450	35.0%	76.3%	91.9%	98.9%	99.9%	80.4%	0.11062	0.06926	-0.17667	
Has radio or tape recorder	0.603	0.489	37.5%	54.9%	61.6%	75.9%	91.3%	64.3%	0.07810	0.06332	-0.09633	
Has television	0.162	0.369	10.8%	20.8%	27.8%	26.1%	5.8%	18.3%	-0.00052	-0.00117	0.00023	
Has refrigerator	0.126	0.331	0.0%	0.4%	1.1%	6.4%	56.4%	12.9%	0.10872	0.28688	-0.04120	
Has bicycle	0.447	0.497	32.0%	49.7%	55.6%	57.8%	61.4%	51.3%	0.02875	0.03197	-0.02585	
Has motorcycle or motorboat	0.216	0.411	3.2%	9.2%	15.9%	29.1%	56.0%	22.7%	0.08191	0.15622	-0.04294	
Has car	0.046	0.209	0.0%	0.2%	0.6%	1.9%	23.0%	5.1%	0.07262	0.33221	-0.01587	
Has gas stove	0.315	0.465	1.3%	8.2%	19.3%	48.7%	93.2%	34.2%	0.12409	0.18299	-0.08415	
Has kerosene stove	0.458	0.498	9.0%	34.2%	53.5%	82.0%	82.2%	52.2%	0.09404	0.10224	-0.08650	
Has electric stove	0.084	0.277	0.2%	0.4%	0.9%	3.0%	38.0%	8.5%	0.09370	0.30956	-0.02836	
If household works own or family's agric. land	0.339	0.473	64.3%	39.3%	25.3%	10.8%	4.1%	28.7%	-0.09051	-0.12649	0.06477	
If piped drinking water in residence	0.139	0.346	0.3%	2.5%	5.6%	12.3%	37.5%	11.6%	0.08170	0.20306	-0.03287	
If has water piped into yard	0.033	0.178	0.7%	1.9%	2.5%	2.8%	3.2%	2.2%	0.00933	0.05080	-0.00171	
If uses river, canal or surface water for drinking	0.203	0.402	48.1%	24.5%	17.9%	7.6%	1.4%	19.9%	-0.07036	-0.13945	0.03550	
Other source of drinking water	0.000	0.022	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.00178	-0.07994	0.00004	
If obtains water from a protected well	0.286	0.452	20.4%	36.2%	44.4%	43.8%	19.2%	32.8%	0.00315	0.00499	-0.00199	
If obtains water from an unprotected well	0.151	0.358	22.6%	20.9%	14.4%	9.4%	1.9%	13.8%	-0.04305	-0.10203	0.01817	
If uses bush,field as latrine	0.348	0.476	74.3%	53.9%	41.6%	17.9%	2.1%	38.0%	-0.09652	-0.13225	0.07044	
If other type of latrine	0.030	0.169	3.1%	2.1%	1.5%	0.6%	0.0%	1.5%	-0.02232	-0.12777	0.00390	
If has dirt, sand, dung as principal floor in dwelling	0.170	0.376	41.7%	39.6%	14.7%	2.2%	0.3%	19.7%	-0.06844	-0.15122	0.03098	
If has wood, plank principal floor in dwelling	0.251	0.433	40.3%	20.3%	9.9%	5.3%	1.3%	15.4%	-0.06840	-0.11831	0.03955	
If has ceramic, marble principal floor	0.059	0.235	0.0%	0.1%	1.7%	5.4%	29.2%	7.3%	0.07311	0.29274	-0.01826	
If has other type of flooring	0.005	0.068	0.2%	0.3%	0.3%	0.2%	0.0%	0.2%	-0.00523	-0.07639	0.00036	
If has bricks for principal floor	0.390	0.488	9.9%	32.8%	60.3%	59.4%	27.4%	38.0%	0.04243	0.05300	-0.03396	
If has other type of roofing materials	0.000	0.014	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.00243	-0.17012	0.00003	
If has tile roofing	0.386	0.487	36.2%	65.0%	72.5%	73.3%	75.6%	64.5%	0.06118	0.07711	-0.04854	
If has concrete roof	0.007	0.083	0.0%	0.1%	0.3%	0.7%	2.1%	0.7%	0.01900	0.22866	-0.00158	
If has asbestos or zinc roofing	0.403	0.490	28.7%	26.7%	23.4%	24.2%	21.7%	24.9%	0.00802	0.00976	-0.00659	
If has a wooden roof	0.057	0.232	6.9%	3.1%	2.4%	1.5%	0.5%	2.9%	-0.02193	-0.08932	0.00539	
If has leaves for roofing material	0.147	0.354	28.1%	5.0%	1.4%	0.3%	0.0%	7.0%	-0.08527	-0.20557	0.03537	
If has bamboo or wood planks for walls	0.390	0.488	57.6%	42.3%	24.4%	13.7%	2.5%	28.1%	-0.08277	-0.10350	0.06619	
If has other material for walls	0.020	0.142	2.6%	1.6%	0.5%	0.2%	0.1%	1.0%	-0.02362	-0.16332	0.00342	
If has bamboo walls	0.119	0.324	37.4%	31.2%	10.0%	2.3%	0.4%	16.2%	-0.05626	-0.15284	0.02071	
If uses public facilities	0.093	0.291	7.8%	11.6%	12.2%	11.1%	4.0%	9.3%	-0.00405	-0.01263	0.00130	
If has clay brick walls	0.470	0.499	2.4%	24.8%	65.1%	83.9%	97.1%	54.7%	0.12421	0.13192	-0.11695	
If uses a public faucet (piped)	0.058	0.234	2.4%	5.0%	5.9%	6.2%	5.6%	5.0%	0.00301	0.01216	-0.00075	
If gets water from a well with a pump	0.096	0.295	1.9%	6.6%	7.0%	16.8%	30.8%	12.6%	0.04945	0.15135	-0.01616	
If uses private facilities	0.529	0.499	14.7%	32.3%	44.6%	70.3%	93.9%	51.2%	0.10212	0.09642	-0.10815	
If has bamboo flooring	0.018	0.132	7.4%	3.3%	0.4%	0.1%	0.0%	2.2%	-0.02889	-0.21507	0.00388	
If has cement or ceramic tile flooring	0.108	0.310	0.6%	3.4%	12.7%	27.4%	41.8%	17.2%	0.06983	0.20101	-0.02426	

If uses rainwater for drinking	0.034	0.180	3.5%	2.5%	2.3%	1.1%	0.4%	1.9%	-0.01620	-0.08695	0.00302
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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.

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Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-0.72472
second	-0.72472	-0.16155
middle	-0.16155	0.38738
fourth	0.38738	1.01759
richest	1.01759	highest