

Health, Nutrition, Population and Poverty
Kazakhstan 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	0.999	0.031	99.8%	99.8%	99.8%	100.0%	100.0%	99.9%	0.00696	0.00022	-0.22487	
Has radio	0.550	0.498	18.2%	45.5%	38.6%	56.7%	78.1%	47.6%	0.09400	0.08505	-0.10386	
Has television	0.897	0.304	74.5%	91.3%	92.7%	94.5%	97.8%	90.2%	0.05725	0.01941	-0.16879	
Has refrigerator	0.842	0.365	45.9%	73.0%	90.0%	94.0%	98.0%	80.3%	0.09712	0.04214	-0.22380	
Has bicycle	0.168	0.374	11.7%	18.6%	23.5%	20.3%	22.3%	19.3%	0.00304	0.00677	-0.00137	
Has motorcycle	0.101	0.301	15.3%	14.8%	14.9%	11.2%	5.4%	12.3%	-0.03408	-0.10194	0.01139	
Has car	0.234	0.423	9.3%	23.4%	29.4%	30.0%	35.5%	25.6%	0.02671	0.04831	-0.01476	
If household works own or family's agric. land	0.004	0.062	3.0%	24.1%	23.6%	52.4%	71.0%	35.1%	-0.00783	-0.12619	0.00049	
Number of members per sleeping room	1.165	0.865	0.7%	0.6%	0.7%	0.0%	0.1%	0.4%	-0.01614	0.00308	0.02173	
If piped drinking water in residence	0.676	0.468	1.7	1.4	1.4	1.3	1.2	1.4	0.17337	0.12010	-0.25021	
If has a well in residence	0.052	0.223	0.0%	20.1%	81.1%	95.0%	99.7%	59.3%	-0.05435	-0.23106	0.01278	
If uses river, canal or surface water for drinking	0.018	0.133	13.6%	18.2%	7.7%	0.8%	0.0%	8.0%	-0.03354	-0.24806	0.00453	
Other source of drinking water	0.001	0.027	4.8%	5.0%	1.1%	0.1%	0.2%	2.2%	-0.00821	-0.30611	0.00022	
If uses own flush toilet	0.484	0.500	0.5%	0.2%	0.0%	0.0%	0.0%	0.1%	0.19657	0.20295	-0.19034	
If uses a shared flush toilet	0.004	0.064	0.0%	0.1%	1.9%	64.6%	96.6%	33.0%	-0.00298	-0.04660	0.00019	
If uses bush,field as latrine	0.006	0.080	0.0%	0.0%	0.2%	0.3%	0.0%	0.1%	-0.01863	-0.23094	0.00150	
If other type of latrine	0.000	0.022	1.6%	0.6%	0.5%	0.1%	0.0%	0.5%	-0.00644	-0.29425	0.00014	
If has dirt, sand, dung as principal floor in dwelling	0.006	0.080	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.02006	-0.24873	0.00162	
If has wood, plank principal floor in dwelling	0.697	0.459	3.7%	2.0%	0.0%	0.0%	0.0%	1.1%	-0.16163	-0.10644	0.24538	
If has cement principal floor	0.001	0.035	96.3%	97.8%	98.3%	90.8%	11.1%	78.9%	-0.00676	-0.19540	0.00023	
If has other type of flooring	0.004	0.066	0.0%	0.3%	0.8%	0.1%	0.0%	0.2%	0.00790	0.12016	-0.00052	
If uses a public faucet (piped)	0.174	0.380	0.0%	0.0%	0.0%	0.0%	1.5%	0.3%	-0.11838	-0.25745	0.05442	
If uses a traditional public well	0.046	0.210	64.3%	36.4%	6.9%	2.2%	0.0%	21.8%	-0.05550	-0.25215	0.01221	
If uses a traditional pit toilet	0.504	0.500	12.1%	12.3%	1.5%	1.6%	0.0%	5.5%	-0.19261	-0.19093	0.19425	
If uses a VIP latrine	0.001	0.027	98.4%	99.1%	97.1%	35.1%	3.4%	66.2%	-0.00417	-0.15572	0.00011	
If has parquet or polished wood floors	0.022	0.145	0.0%	0.1%	0.3%	0.0%	0.0%	0.1%	0.03357	0.22620	-0.00498	
If has tiles for main flooring material	0.000	0.015	0.0%	0.0%	0.0%	1.1%	4.8%	1.2%	-0.00075	-0.04874	0.00001	
If has straw or sawdust flooring	0.000	0.022	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.00034	0.01540	-0.00001	
If has vinyl or asphalt strip flooring	0.268	0.443	0.0%	0.0%	0.4%	0.1%	0.0%	0.1%	0.15943	0.26341	-0.09648	
If has carpeted flooring	0.000	0.015	0.0%	0.0%	0.6%	7.9%	82.7%	18.2%	0.00500	0.32294	-0.00008	
If uses water from a tanker truck	0.026	0.159	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.03945	-0.24103	0.00646	
Has telephone	0.433	0.496	3.9%	6.5%	1.4%	0.3%	0.0%	2.4%	0.12806	0.14660	-0.11183	

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.

Kazakhstan 1995
Annex B: Assets and Factor Scores

Wealth Quintile	<u>Asset Index Value</u>	
	Lowest	Highest
poorest	lowest	-1.12376
second	-1.12376	-0.78242
middle	-0.78242	-0.34343
fourth	-0.34343	0.52655
richest	0.52655	highest