

## Descriptive Statistics

	Std.		Analysis N <sup>a</sup>	Missing N
	Mean	Deviation <sup>a</sup>		
Has water piped into dwelling	.05	.227	18843	1
Has water piped into yard/plot	.05	.212	18843	1
Has water piped to neighbor	.01	.074	18843	1
Has public tap/standpipe for water	.14	.351	18843	1
Has tubewell/borehole for water	.10	.304	18843	1
Has protected well for water	.05	.220	18843	1
Has unprotected well for water	.11	.308	18843	1
Has protected spring for water	.11	.317	18843	1
Has unprotected spring for water	.02	.149	18843	1
Has rainwater for water	.01	.104	18843	1
Has cart with small tank for water	.00	.039	18843	1
Has surface water	.09	.284	18843	1
Has bottled water	.24	.429	18843	1
Has flush to piped sewer system toilet	.00	.069	18843	13
Has flush to septic system toilet	.20	.401	18843	13
Has flush to pit latrine toilet	.36	.480	18843	13
Has vent improved pit latrine toilet	.00	.036	18843	13
Has pit latrine with slab toilet	.01	.083	18843	13
Has pit latrine without slab toilet	.03	.165	18843	13
Has composting toilet	.00	.041	18843	13
Has bucket toilet	.00	.045	18843	13
Has bush/field/none toilet	.37	.482	18843	13
Has flush to septic system toilet-shared	.01	.093	18843	0
Has flush to pit latrine toilet-shared	.01	.115	18843	0
Persons per sleeping rooms	3.1113	1.91541	18843	619
Has earth/sand floor	.10	.294	18843	6
Has wood floor	.28	.451	18843	6
Has palm/bamboo floor	.09	.291	18843	6
Has parquet/polished wood floor	.19	.394	18843	6
Has ceramic tile floor	.13	.333	18843	6
Has cement floor	.20	.403	18843	6
Has thatch/palm leaf roof	.13	.335	18843	1
Has palm/bamboo roof	.03	.168	18843	1
Has wood plank roof	.01	.092	18843	1
Has metal roof	.56	.497	18843	1
Has wood roof	.00	.065	18843	1
Has calamine/cement fibre roof	.26	.441	18843	1
Has ceramic tile roof	.00	.025	18843	1
Has cement roof	.00	.034	18843	1
Has shingle roof	.00	.025	18843	1

## Component Score Coefficient Matrix

	Component	Sum over each variable	
	1	If has	If does not have
Has water piped into dwelling	.011	0.047415233	-0.002722138
Has water piped into yard/plot	-.001	-0.004355796	0.000214927
Has water piped to neighbor	-.003	-0.041089141	0.000230259
Has public tap/standpipe for water	-.026	-0.064283409	0.010845483
Has tubewell/borehole for water	-.009	-0.026603155	0.003060512
Has protected well for water	.003	0.01441495	-0.000773021
Has unprotected well for water	-.011	-0.031148397	0.003711314
Has protected spring for water	-.023	-0.06490573	0.008294352
Has unprotected spring for water	-.009	-0.062340964	0.001442075
Has rainwater for water	.003	0.024922891	-0.000276847
Has cart with small tank for water	-.003	-0.074807116	0.000115314
Has surface water	-.024	-0.077753446	0.007561627
Has bottled water	.066	0.11683704	-0.037487776
Has flush to piped sewer system toilet	.012	0.169902043	-0.000825075
Has flush to septic system toilet	.051	0.101961911	-0.025668401
Has flush to pit latrine toilet	.018	0.023453689	-0.01314775
Has vent improved pit latrine toilet	.001	0.019066933	-2.53482E-05
Has pit latrine with slab toilet	-.004	-0.047313886	0.000331468
Has pit latrine without slab toilet	-.012	-0.072581898	0.002098018
Has composting toilet	-.003	-0.079795745	0.000135837
Has bucket toilet	-.001	-0.032359458	6.54353E-05
Has bush/field/none toilet	-.057	-0.075339096	0.043823875
Has flush to septic system toilet-shared	.006	0.060351021	-0.000533136
Has flush to pit latrine toilet-shared	.001	0.008095159	-0.000110171
Persons per sleeping rooms	-.040	0.043968003	0.064793467
Has earth/sand floor	-.026	-0.079422809	0.008391211
Has wood floor	-.025	-0.038869694	0.015459046
Has palm/bamboo floor	-.033	-0.101698238	0.010461581
Has parquet/polished wood floor	-.014	-0.028694406	0.00685186
Has ceramic tile floor	.063	0.164625565	-0.024025838
Has cement floor	.032	0.062257065	-0.01602974
Has thatch/palm leaf roof	-.039	-0.101141283	0.014953999
Has palm/bamboo roof	-.017	-0.099524279	0.002981267
Has wood plank roof	-.007	-0.075311657	0.000644999
Has metal roof	-.005	-0.004261444	0.005352317
Has wood roof	-.004	-0.053284238	0.000230053
Has calamine/cement fibre roof	.044	0.074197741	-0.026554193
Has ceramic tile roof	.001	0.047323313	-3.01582E-05
Has cement roof	.004	0.111053107	-0.000129818
Has shingle roof	.000	-0.003677719	2.34374E-06

Has no wall	.00	.027	18843	5	Has no wall	-.002	-0.073553108	5.47038E-05
Has cane wall	.00	.048	18843	5	Has cane wall	-.005	-0.097987351	0.00022418
Has dirt wall	.00	.050	18843	5	Has dirt wall	-.003	-0.063046312	0.000157691
Has plywood wall	.00	.063	18843	5	Has plywood wall	.000	-0.002396057	9.57759E-06
Has reused wood wall	.01	.096	18843	5	Has reused wood wall	-.006	-0.065614155	0.000611705
Has bamboo mat wall	.04	.202	18843	5	Has bamboo mat wall	-.016	-0.074810793	0.003330916
Has bamboo/bamboo wirth dry leaf wall	.01	.078	18843	5	Has bamboo/bamboo wirth dry leaf wall	-.007	-0.089916836	0.000547453
Has bamboo lattice wall	.24	.427	18843	5	Has bamboo lattice wall	-.042	-0.074849414	0.023594575
Has cement wall	.21	.405	18843	5	Has cement wall	.064	0.126019496	-0.032847885
Has stone with lime/cement wall	.02	.149	18843	5	Has stone with lime/cement wall	.023	0.14923402	-0.003486019
Has brick wall	.03	.168	18843	5	Has brick wall	.011	0.063718526	-0.001916294
Has cement block wall	.03	.177	18843	5	Has cement block wall	.006	0.032776935	-0.001091306
Has wood plank/shingle wall	.39	.487	18843	5	Has wood plank/shingle wall	-.018	-0.023240798	0.014655
Household fuel type: electricity	.01	.119	18843	7	Household fuel type: electricity	.022	0.185792092	-0.002722228
Household fuel type: LPG	.01	.111	18843	7	Household fuel type: LPG	.028	0.247606053	-0.003128188
Household fuel type: natural gas	.00	.035	18843	7	Household fuel type: natural gas	.008	0.221351012	-0.000270615
Household fuel type: biogas	.00	.030	18843	7	Household fuel type: biogas	.007	0.224714024	-0.000202994
Household fuel type: coal/lignite	.00	.058	18843	7	Household fuel type: coal/lignite	.006	0.095199071	-0.000319477
Household fuel type: charcoal	.16	.370	18843	7	Household fuel type: charcoal	.044	0.100114418	-0.019578072
Household fuel type: wood	.80	.398	18843	7	Household fuel type: wood	-.058	-0.028633404	0.116701763
Household fuel type: straw/shrub/grass	.00	.018	18843	7	Household fuel type: straw/shrub/grass	.000	-0.010317625	3.28761E-06
Household fuel type: no food cooked	.00	.025	18843	7	Household fuel type: no food cooked	.002	0.079510375	-5.06866E-05
Household has: electricity	.74	.439	18843	4	Household has: electricity	.058	0.034396035	-0.097228361
Household has: radio	.29	.453	18843	10	Household has: radio	.009	0.014746992	-0.005963679
Household has: television	.65	.476	18843	4	Household has: television	.066	0.048235773	-0.090372178
Household has: non-mobile telephone	.18	.380	18843	5	Household has: non-mobile telephone	.036	0.078754381	-0.016738347
Household has: fridge	.41	.492	18843	8	Household has: fridge	.076	0.091251773	-0.063393462
Household has: clock	.18	.388	18843	8	Household has: clock	.060	0.126459882	-0.028660397
Household has: fan	.52	.499	18843	6	Household has: fan	.071	0.068081617	-0.074255055
Household has: settee	.13	.334	18843	4	Household has: settee	.065	0.169459062	-0.024799139
Household has: water pump	.21	.404	18843	9	Household has: water pump	.041	0.081264545	-0.020989359
Household has: air conditioner	.03	.182	18843	8	Household has: air conditioner	.046	0.244617204	-0.008701745
Household has: washing machine	.10	.297	18843	6	Household has: washing machine	.062	0.189430362	-0.020556087
Household has: CD/DVD player	.48	.499	18843	9	Household has: CD/DVD player	.059	0.06109218	-0.056364958
Household member owns: watch	.26	.439	18843	5	Household member owns: watch	.041	0.069876741	-0.024633458
Household member owns: mobile phone	.78	.416	18843	2	Household member owns: mobile phone	.050	0.02655117	-0.092868883
Household member owns: bicycle	.35	.477	18843	4	Household member owns: bicycle	.040	0.055039131	-0.029680388
Household member owns: motorcycle/scooter	.67	.469	18843	2	Household member owns: motorcycle/scooter	.053	0.036860135	-0.076266076
Household member owns: animal drawn cart	.11	.308	18843	6	Household member owns: animal drawn cart	.017	0.048718558	-0.005770901
Household member owns: car/truck	.10	.297	18843	4	Household member owns: car/truck	.055	0.165711138	-0.018023317
Household member owns: boat with motor	.04	.202	18843	2	Household member owns: boat with motor	.008	0.037289654	-0.001653552

Household member owns: Tuk Tuk	.01	.082	18843	4
Household member owns: Tak Tak	.29	.454	18843	4
Household member owns: camera	.06	.234	18843	5
Household member owns: computer	.06	.234	18843	5
Household owns dwelling	.98	.141	18843	9
Household rents dwelling	.01	.095	18843	9
Household owns bank account	.19	.395	18843	74

a. For each variable, missing values are replaced with the variable mean.

Household member owns: Tuk Tuk	.007	0.085257512	-0.000574063
Household member owns: Tak Tak	.011	0.016762095	-0.006842413
Household member owns: camera	.051	0.205438526	-0.012653948
Household member owns: computer	.052	0.209419385	-0.012886621
Household owns dwelling	-.011	-0.001519344	0.07358652
Household rents dwelling	.012	0.123210056	-0.00114224
Household owns bank account	.053	0.107258399	-0.025938167

Extraction Method: Principal Component Analysis.  
Component Scores.

**Descriptive Statistics**

	Std.		Analysis N <sup>a</sup>	Missing N
	Mean	Deviation <sup>a</sup>		
Has water piped into dwelling	.12	.323	4730	0
Has water piped into yard/plot	.07	.254	4730	0
Has water piped to neighbor	.01	.075	4730	0
Has public tap/standpipe for water	.03	.167	4730	0
Has tubewell/borehole for water	.04	.198	4730	0
Has protected well for water	.05	.216	4730	0
Has unprotected well for water	.05	.224	4730	0
Has protected spring for water	.03	.159	4730	0
Has unprotected spring for water	.00	.065	4730	0
Has rainwater for water	.00	.054	4730	0
Has cart with small tank for water	.00	.021	4730	0
Has surface water	.01	.116	4730	0
Has bottled water	.59	.493	4730	0
Has flush to piped sewer system toilet	.02	.124	4730	2
Has flush to septic system toilet	.42	.493	4730	2
Has flush to pit latrine toilet	.42	.494	4730	2
Has vent improved pit latrine toilet	.00	.060	4730	2
Has pit latrine with slab toilet	.01	.071	4730	2
Has pit latrine without slab toilet	.01	.103	4730	2
Has composting toilet	.00	.015	4730	2
Has bucket toilet	.00	.041	4730	2
Has bush/field/none toilet	.08	.272	4730	2
Has flush to septic system toilet-shared	.02	.125	4730	0
Has flush to pit latrine toilet-shared	.02	.137	4730	0
Persons per sleeping rooms	2.3668	1.35636	4730	103
Has wood floor	.18	.384	4730	1
Has palm/bamboo floor	.03	.171	4730	1
Has parquet/polished wood floor	.09	.289	4730	1
Has ceramic tile floor	.32	.468	4730	1
Has cement floor	.33	.472	4730	1
Has thatch/palm leaf roof	.04	.191	4730	0
Has palm/bamboo roof	.00	.066	4730	0
Has wood plank roof	.00	.038	4730	0
Has metal roof	.54	.499	4730	0
Has wood roof	.00	.046	4730	0
Has calamine/cement fibre roof	.41	.492	4730	0
Has ceramic tile roof	.00	.032	4730	0
Has cement roof	.00	.056	4730	0

**Component Score Coefficient Matrix**

	Component	Sum over each variable	
	1	If has	If does not have
Has water piped into dwelling	-.003	-0.007353157	0.000987474
Has water piped into yard/plot	-.022	-0.080749013	0.005997031
Has water piped to neighbor	-.010	-0.130159204	0.000747246
Has public tap/standpipe for water	-.023	-0.134252408	0.003944304
Has tubewell/borehole for water	-.021	-0.103294778	0.00441781
Has protected well for water	-.017	-0.074923788	0.003864455
Has unprotected well for water	-.027	-0.113541768	0.006362801
Has protected spring for water	-.020	-0.124510069	0.003296491
Has unprotected spring for water	-.010	-0.151787977	0.000644535
Has rainwater for water	-.003	-0.063030975	0.000187115
Has cart with small tank for water	-.005	-0.257567549	0.000108954
Has surface water	-.014	-0.11746375	0.001611162
Has bottled water	.063	0.052694274	-0.074406142
Has flush to piped sewer system toilet	.013	0.103018995	-0.001638033
Has flush to septic system toilet	.055	0.064452076	-0.046479637
Has flush to pit latrine toilet	-.022	-0.025878855	0.019022145
Has vent improved pit latrine toilet	-.005	-0.082405548	0.000297367
Has pit latrine with slab toilet	-.009	-0.126659468	0.000646222
Has pit latrine without slab toilet	-.016	-0.153948608	0.001678721
Has composting toilet	-.001	-0.065429163	1.38416E-05
Has bucket toilet	-.005	-0.113527169	0.000192419
Has bush/field/none toilet	-.047	-0.159458121	0.013975971
Has flush to septic system toilet-shared	.000	0.003875343	-6.24384E-05
Has flush to pit latrine toilet-shared	-.011	-0.076030493	0.001474729
Persons per sleeping rooms	-.043	0.04380019	0.075846756
Has wood floor	-.047	-0.100958803	0.022186459
Has palm/bamboo floor	-.031	-0.175684227	0.005438666
Has parquet/polished wood floor	-.025	-0.077966541	0.007898334
Has ceramic tile floor	.078	0.112404112	-0.053863966
Has cement floor	-.001	-0.001549349	0.000776642
Has thatch/palm leaf roof	-.037	-0.184610844	0.007303286
Has palm/bamboo roof	-.011	-0.165307244	0.000737195
Has wood plank roof	-.006	-0.154438728	0.000228895
Has metal roof	-.045	-0.041694584	0.048522883
Has wood roof	-.004	-0.088682593	0.000187887
Has calamine/cement fibre roof	.062	0.074402199	-0.051689668
Has ceramic tile roof	.000	0.012360348	-1.30797E-05
Has cement roof	.003	0.055746751	-0.000177349

Has shingle roof	.00	.015	4730	0	Has shingle roof	.002	0.164677749	-3.4823E-05
Has cane wall	.00	.015	4730	1	Has cane wall	-.002	-0.14463045	3.05902E-05
Has dirt wall	.00	.032	4730	1	Has dirt wall	.000	0.001406334	-1.4885E-06
Has plywood wall	.01	.071	4730	1	Has plywood wall	-.005	-0.064673661	0.000329898
Has reused wood wall	.00	.060	4730	1	Has reused wood wall	-.007	-0.119724525	0.000431943
Has bamboo mat wall	.02	.154	4730	1	Has bamboo mat wall	-.023	-0.144025903	0.003589722
Has bamboo/bamboo wirth dry leaf wall	.00	.015	4730	1	Has bamboo/bamboo wirth dry leaf wall	-.003	-0.191607812	4.05262E-05
Has bamboo lattice wall	.11	.309	4730	1	Has bamboo lattice wall	-.048	-0.137575323	0.016447807
Has cement wall	.46	.498	4730	1	Has cement wall	.071	0.077556537	-0.064821127
Has stone with lime/cement wall	.05	.212	4730	1	Has stone with lime/cement wall	.021	0.094187186	-0.004661283
Has brick wall	.05	.219	4730	1	Has brick wall	.001	0.002754554	-0.000146623
Has cement block wall	.03	.179	4730	1	Has cement block wall	-.008	-0.040614156	0.001394668
Has wood plank/shingle wall	.26	.439	4730	1	Has wood plank/shingle wall	-.042	-0.071100133	0.025186387
Household fuel type: electricity	.05	.219	4730	2	Household fuel type: electricity	.023	0.101378409	-0.005421305
Household fuel type: LPG	.04	.202	4730	2	Household fuel type: LPG	.035	0.167915883	-0.00745551
Household fuel type: natural gas	.00	.066	4730	2	Household fuel type: natural gas	.009	0.135007225	-0.000602327
Household fuel type: biogas	.00	.050	4730	2	Household fuel type: biogas	.008	0.157461096	-0.000400664
Household fuel type: coal/lignite	.01	.075	4730	2	Household fuel type: coal/lignite	.005	0.071479087	-0.000410537
Household fuel type: charcoal	.33	.470	4730	2	Household fuel type: charcoal	.037	0.052243018	-0.025651964
Household fuel type: wood	.56	.496	4730	2	Household fuel type: wood	-.062	-0.054951294	0.070560647
Household fuel type: straw/shrub/grass	.00	.025	4730	2	Household fuel type: straw/shrub/grass	-.003	-0.102681625	6.51947E-05
Household fuel type: no food cooked	.00	.041	4730	2	Household fuel type: no food cooked	.002	0.038579628	-6.53892E-05
Household has: electricity	.97	.164	4730	0	Household has: electricity	.033	0.005590256	-0.197809061
Household has: radio	.27	.444	4730	1	Household has: radio	.016	0.026843891	-0.009887811
Household has: television	.92	.279	4730	0	Household has: television	.051	0.01564159	-0.168858963
Household has: non-mobile telephone	.29	.452	4730	0	Household has: non-mobile telephone	.044	0.070123662	-0.028153352
Household has: fridge	.76	.429	4730	1	Household has: fridge	.073	0.041162213	-0.128546683
Household has: clock	.42	.494	4730	1	Household has: clock	.068	0.079381758	-0.058025392
Household has: fan	.84	.371	4730	1	Household has: fan	.061	0.026862779	-0.136420102
Household has: settee	.36	.480	4730	0	Household has: settee	.078	0.103559142	-0.058262709
Household has: water pump	.26	.439	4730	3	Household has: water pump	.015	0.02437202	-0.008638449
Household has: air conditioner	.12	.326	4730	2	Household has: air conditioner	.063	0.170506601	-0.02342056
Household has: washing machine	.30	.457	4730	2	Household has: washing machine	.076	0.117322948	-0.049655649
Household has: CD/DVD player	.71	.455	4730	2	Household has: CD/DVD player	.053	0.034336075	-0.083217121
Household member owns: watch	.43	.495	4730	2	Household member owns: watch	.056	0.0641799	-0.048498365
Household member owns: mobile phone	.95	.214	4730	2	Household member owns: mobile phone	.038	0.008559805	-0.169725466
Household member owns: bicycle	.48	.500	4730	3	Household member owns: bicycle	.029	0.030321918	-0.02808546
Household member owns: motorcycle/scooter	.88	.324	4730	2	Household member owns: motorcycle/scooter	.047	0.017403089	-0.128745765
Household member owns: animal drawn cart	.12	.330	4730	4	Household member owns: animal drawn cart	.006	0.01632672	-0.002324495
Household member owns: car/truck	.25	.433	4730	2	Household member owns: car/truck	.066	0.113608302	-0.037826728
Household member owns: boat with motor	.03	.166	4730	2	Household member owns: boat with motor	-.001	-0.005176221	0.000150983

Household member owns: Tuk Tuk	.02	.127	4730	3
Household member owns: Tak Tak	.18	.383	4730	3
Household member owns: camera	.19	.389	4730	2
Household member owns: computer	.19	.393	4730	2
Household owns dwelling	.95	.222	4730	4
Household rents dwelling	.03	.176	4730	4
Household owns agricultural land	1.15	2.656	4730	4
Household owns cattle milk cows or bulls	1.11	3.929	4730	0
Household owns buffalo	.38	1.575	4730	0
Household owns goats	.20	1.826	4730	0
Household owns sheep	.01	.583	4730	0
Household owns poultry	11.48	17.509	4730	16
Household owns pigs	.61	2.055	4730	0
Household owns horses donkeys mules	.00	.050	4730	0
Household owns bank account	.43	.493	4730	33

a. For each variable, missing values are replaced with the variable mean.

Household member owns: Tuk Tuk	.005	0.036048836	-0.000596938
Household member owns: Tak Tak	-.018	-0.039143048	0.008495775
Household member owns: camera	.065	0.136650895	-0.031163503
Household member owns: computer	.065	0.134147481	-0.031712689
Household owns dwelling	-.004	-0.000946696	0.017240641
Household rents dwelling	.007	0.037054199	-0.001231359
Household owns agricultural land	.008	-0.000458525	-0.003493522
Household owns cattle milk cows or bulls	.007	-0.000200242	-0.002025184
Household owns buffalo	-.008	-0.003289814	0.002033765
Household owns goats	.003	0.001158653	-0.000289281
Household owns sheep	.001	0.002352725	-3.43169E-05
Household owns poultry	.003	-0.001928672	-0.002112775
Household owns pigs	-.009	-0.001790207	0.002754977
Household owns horses donkeys mules	-.001	-0.02934079	3.7266E-05
Household owns bank account	.062	0.071559304	-0.053856387

Extraction Method: Principal Component Analysis.  
Component Scores.

## Descriptive Statistics

	Std.		Analysis	
	Mean	Deviation <sup>a</sup>	N <sup>a</sup>	Missing N
Has water piped into dwelling	.03	.178	14113	1
Has water piped into yard/plot	.04	.195	14113	1
Has water piped to neighbor	.01	.074	14113	1
Has public tap/standpipe for water	.18	.387	14113	1
Has tubewell/borehole for water	.12	.330	14113	1
Has protected well for water	.05	.221	14113	1
Has unprotected well for water	.12	.330	14113	1
Has protected spring for water	.14	.350	14113	1
Has unprotected spring for water	.03	.167	14113	1
Has rainwater for water	.01	.116	14113	1
Has cart with small tank for water	.00	.044	14113	1
Has surface water	.11	.318	14113	1
Has bottled water	.13	.334	14113	1
Has flush to piped sewer system toilet	.00	.035	14113	11
Has flush to septic system toilet	.13	.334	14113	11
Has flush to pit latrine toilet	.34	.473	14113	11
Has vent improved pit latrine toilet	.00	.024	14113	11
Has pit latrine with slab toilet	.01	.087	14113	11
Has pit latrine without slab toilet	.03	.181	14113	11
Has composting toilet	.00	.047	14113	11
Has bucket toilet	.00	.046	14113	11
Has bush/field/none toilet	.46	.499	14113	11
Has flush to septic system toilet-shared	.01	.080	14113	0
Has flush to pit latrine toilet-shared	.01	.107	14113	0
Persons per sleeping rooms	3.3646	2.00958	14113	516
Has earth/sand floor	.11	.319	14113	5
Has wood floor	.32	.466	14113	5
Has palm/bamboo floor	.11	.318	14113	5
Has parquet/polished wood floor	.23	.419	14113	5
Has ceramic tile floor	.06	.240	14113	5
Has cement floor	.16	.368	14113	5
Has thatch/palm leaf roof	.16	.366	14113	1
Has palm/bamboo roof	.04	.190	14113	1
Has wood plank roof	.01	.104	14113	1
Has metal roof	.56	.496	14113	1
Has wood roof	.01	.071	14113	1
Has calamine/cement fibre roof	.21	.410	14113	1
Has ceramic tile roof	.00	.022	14113	1
Has cement roof	.00	.022	14113	1
Has shingle roof	.00	.028	14113	1
Has no wall	.00	.031	14113	4
Has cane wall	.00	.054	14113	4

## Component Score Coefficient Matrix

	Component	Sum over each variable	
	1	If has	If does not have
Has water piped into dwelling	.007	0.037990464	-0.001288709
Has water piped into yard/plot	.003	0.013513383	-0.000557366
Has water piped to neighbor	-.002	-0.03262744	0.000181341
Has public tap/standpipe for water	-.027	-0.05663392	0.012700501
Has tubewell/borehole for water	.003	0.007435377	-0.001052573
Has protected well for water	.015	0.065215547	-0.003542152
Has unprotected well for water	.000	-0.00114123	0.000162082
Has protected spring for water	-.023	-0.05706573	0.009494446
Has unprotected spring for water	-.009	-0.0494266	0.001464118
Has rainwater for water	.011	0.093996746	-0.001303353
Has cart with small tank for water	-.003	-0.06730318	0.000129016
Has surface water	-.027	-0.07441544	0.009556308
Has bottled water	.066	0.171324613	-0.025175138
Has flush to piped sewer system toilet	.006	0.165733141	-0.000200033
Has flush to septic system toilet	.047	0.12378726	-0.018181505
Has flush to pit latrine toilet	.038	0.053517539	-0.027277273
Has vent improved pit latrine toilet	.000	0.017636443	-1.00108E-05
Has pit latrine with slab toilet	-.003	-0.03276757	0.000250527
Has pit latrine without slab toilet	-.013	-0.07196597	0.002524936
Has composting toilet	-.004	-0.07961387	0.000175398
Has bucket toilet	.000	-0.00823731	1.75611E-05
Has bush/field/none toilet	-.065	-0.06944613	0.060129069
Has flush to septic system toilet-shared	.007	0.084418087	-0.000541798
Has flush to pit latrine toilet-shared	.004	0.041601378	-0.000486095
Persons per sleeping rooms	-.041	0.04805262	0.068374204
Has earth/sand floor	-.030	-0.08412333	0.010897641
Has wood floor	-.015	-0.02230303	0.01047313
Has palm/bamboo floor	-.043	-0.12097712	0.015639002
Has parquet/polished wood floor	-.002	-0.00354449	0.001038139
Has ceramic tile floor	.058	0.227327244	-0.014885033
Has cement floor	.048	0.108464211	-0.020886008
Has thatch/palm leaf roof	-.051	-0.11611465	0.021989853
Has palm/bamboo roof	-.022	-0.11232549	0.004357419
Has wood plank roof	-.007	-0.0682637	0.000748216
Has metal roof	.016	0.013755549	-0.017726498
Has wood roof	-.003	-0.04540368	0.000229589
Has calamine/cement fibre roof	.040	0.077467411	-0.021154159
Has ceramic tile roof	.001	0.049083907	-2.43593E-05
Has cement roof	.002	0.105782631	-5.24976E-05
Has shingle roof	.000	0.016203017	-1.26398E-05
Has no wall	-.002	-0.06170675	6.12909E-05
Has cane wall	-.006	-0.10392225	0.000310282

Has dirt wall	.00	.054	14113	4	Has dirt wall	-.005	-0.08278247	0.000247165
Has plywood wall	.00	.060	14113	4	Has plywood wall	.001	0.011486632	-4.16715E-05
Has reused wood wall	.01	.105	14113	4	Has reused wood wall	-.007	-0.06868312	0.000772882
Has bamboo mat wall	.05	.215	14113	4	Has bamboo mat wall	-.018	-0.08070264	0.004137055
Has bamboo/bamboo wirth dry leaf wall	.01	.089	14113	4	Has bamboo/bamboo wirth dry leaf wall	-.008	-0.08729353	0.000704785
Has bamboo lattice wall	.28	.451	14113	4	Has bamboo lattice wall	-.050	-0.07978914	0.031681796
Has cement wall	.12	.329	14113	4	Has cement wall	.066	0.17529754	-0.02469219
Has stone with lime/cement wall	.01	.120	14113	4	Has stone with lime/cement wall	.028	0.226148221	-0.003367334
Has brick wall	.02	.147	14113	4	Has brick wall	.015	0.101189936	-0.00228077
Has cement block wall	.03	.176	14113	4	Has cement block wall	.015	0.081508	-0.002685306
Has wood plank/shingle wall	.43	.495	14113	4	Has wood plank/shingle wall	-.001	-0.00090183	0.000676626
Household fuel type: electricity	.00	.048	14113	5	Household fuel type: electricity	.013	0.27186219	-0.000618044
Household fuel type: LPG	.00	.049	14113	5	Household fuel type: LPG	.020	0.409792704	-0.000989978
Household fuel type: natural gas	.00	.012	14113	5	Household fuel type: natural gas	.005	0.438147985	-6.21222E-05
Household fuel type: biogas	.00	.019	14113	5	Household fuel type: biogas	.006	0.33841885	-0.000119981
Household fuel type: coal/lignite	.00	.050	14113	5	Household fuel type: coal/lignite	.006	0.122320101	-0.000312928
Household fuel type: charcoal	.11	.310	14113	5	Household fuel type: charcoal	.048	0.138661632	-0.016792779
Household fuel type: wood	.88	.321	14113	5	Household fuel type: wood	-.053	-0.01932952	0.146850152
Household fuel type: straw/shrub/grass	.00	.015	14113	5	Household fuel type: straw/shrub/grass	.000	-0.01141973	2.42887E-06
Household fuel type: no food cooked	.00	.017	14113	5	Household fuel type: no food cooked	.000	-0.00617228	1.75051E-06
Household has: electricity	.66	.474	14113	4	Household has: electricity	.073	0.052151147	-0.101364507
Household has: radio	.29	.456	14113	9	Household has: radio	.017	0.02630907	-0.01096872
Household has: television	.56	.496	14113	4	Household has: television	.084	0.073695933	-0.095235979
Household has: non-mobile telephone	.14	.345	14113	5	Household has: non-mobile telephone	.034	0.084103581	-0.013465149
Household has: fridge	.29	.455	14113	7	Household has: fridge	.089	0.138591915	-0.057553119
Household has: clock	.11	.307	14113	7	Household has: clock	.056	0.162327132	-0.019070834
Household has: fan	.42	.493	14113	5	Household has: fan	.087	0.102879951	-0.073435689
Household has: settee	.05	.217	14113	4	Household has: settee	.056	0.246137418	-0.012887929
Household has: water pump	.19	.389	14113	6	Household has: water pump	.071	0.148803374	-0.034082947
Household has: air conditioner	.01	.073	14113	6	Household has: air conditioner	.026	0.356461696	-0.001930802
Household has: washing machine	.03	.173	14113	4	Household has: washing machine	.052	0.288165165	-0.009232415
Household has: CD/DVD player	.40	.490	14113	7	Household has: CD/DVD player	.071	0.085891224	-0.058087576
Household member owns: watch	.20	.403	14113	3	Household member owns: watch	.033	0.065577582	-0.01678109
Household member owns: mobile phone	.72	.449	14113	0	Household member owns: mobile phone	.062	0.03866035	-0.099051292
Household member owns: bicycle	.31	.461	14113	1	Household member owns: bicycle	.054	0.081697452	-0.036127223
Household member owns: motorcycle/scooter	.60	.489	14113	0	Household member owns: motorcycle/scooter	.064	0.051770391	-0.079261806
Household member owns: animal drawn cart	.10	.300	14113	2	Household member owns: animal drawn cart	.029	0.087978047	-0.009736099
Household member owns: car/truck	.05	.212	14113	2	Household member owns: car/truck	.049	0.218333805	-0.010832241
Household member owns: boat with motor	.05	.212	14113	0	Household member owns: boat with motor	.021	0.095245141	-0.00471728
Household member owns: Tuk Tuk	.00	.059	14113	1	Household member owns: Tuk Tuk	.004	0.067626469	-0.000235632
Household member owns: Tak Tak	.33	.469	14113	1	Household member owns: Tak Tak	.048	0.069403942	-0.033758943
Household member owns: camera	.02	.122	14113	3	Household member owns: camera	.034	0.271305789	-0.004197967
Household member owns: computer	.01	.115	14113	3	Household member owns: computer	.036	0.30801469	-0.004159371
Household owns dwelling	.99	.097	14113	5	Household owns dwelling	-.002	-0.00015612	0.016159049
Household rents dwelling	.00	.039	14113	5	Household rents dwelling	.001	0.019128301	-2.85152E-05
Household owns agricultural land	1.59	2.049	14113	22	Household owns agricultural land	.027	-0.00791221	-0.02125482
Household owns cattle milk cows or bulls	1.69	3.861	14113	0	Household owns cattle milk cows or bulls	.030	-0.00540121	-0.013253223



Household owns buffalo	.88	2.122	14113	0
Household owns goats	.22	1.377	14113	0
Household owns sheep	.02	.833	14113	0
Household owns poultry	12.62	15.887	14113	23
Household owns pigs	1.39	2.656	14113	0
Household owns horses donkeys mules	.01	.170	14113	0
Household owns bank account	.12	.320	14113	41

a. For each variable, missing values are replaced with the variable mean.

Household owns buffalo	.009	0.000514291	-0.003703136
Household owns goats	.002	0.001407463	-0.000395362
Household owns sheep	.000	-0.0005333	1.1149E-05
Household owns poultry	.036	-0.02663309	-0.028924503
Household owns pigs	-.008	0.001194819	0.00428036
Household owns horses donkeys mules	-.002	-0.01447562	0.000123096
Household owns bank account	.042	0.114675615	-0.015106857

Extraction Method: Principal Component Analysis.  
Component Scores.

Combined Scores

Urban Area

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.944	.002		561.918	.000
	Urban wealth score	.986	.002	.993	586.860	.000

a. Dependent Variable: Common wealth score

$$\text{Combined Score} = .944 + .986 * \text{Urban Score}$$

Rural

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.317	.001		-464.849	.000
	Rural wealth score	.774	.001	.995	1136.548	.000

a. Dependent Variable: Common wealth score

$$\text{Combined Score} = -.317 + .774 * \text{Rural Score}$$

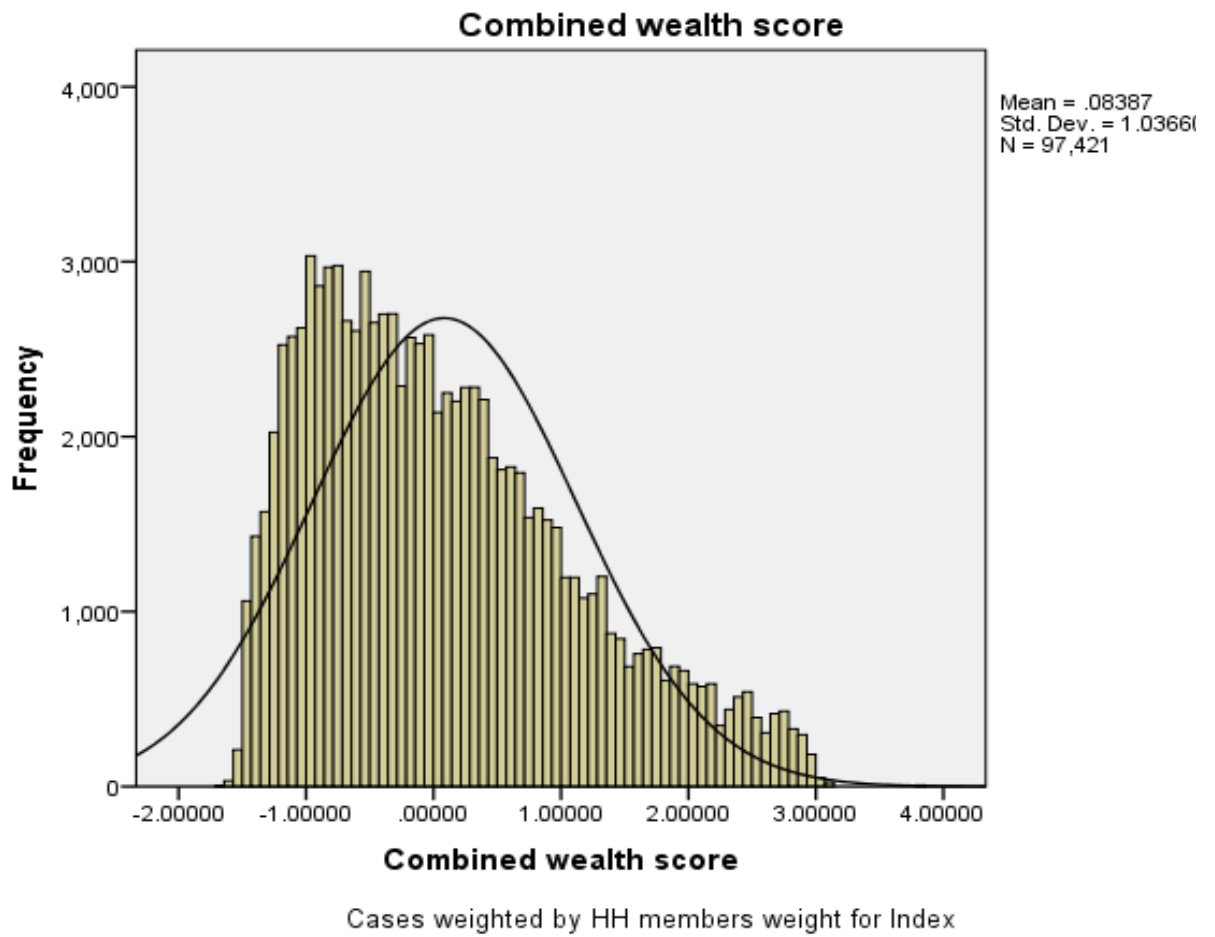
Combined Score

**Statistics**

Wealth index score

N	Valid	97421
	Missing	0
Mean		.0838728
Median		-.0980715
Std. Deviation		1.03659972
Minimum		-1.70013
Maximum		3.81983
Percentiles	20	-.8687262
	40	-.3686314
	60	.2057685
	80	.9509976

histogram



**Report**

	Wealth index quintile					
	Poorest	Second	Middle	Fourth	Richest	Total
	Mean	Mean	Mean	Mean	Mean	Mean
Has water piped into dwelling	.01	.03	.06	.06	.09	.05
Has water piped into yard/plot	.03	.04	.06	.05	.02	.04
Has water piped to neighbor	.01	.01	.01	.00	.00	.00

Has public tap/standpipe for water	.26	.22	.14	.04	.00	.13
Has tubewell/borehole for water	.10	.13	.16	.11	.03	.11
Has protected well for water	.01	.04	.07	.10	.03	.05
Has unprotected well for water	.12	.20	.19	.11	.02	.13
Has protected spring for water	.17	.12	.08	.03	.00	.08
Has unprotected spring for water	.04	.03	.02	.01	.00	.02
Has rainwater for water	.00	.01	.02	.03	.01	.01
Has cart with small tank for water	.00	.00	.00	.00	.00	.00
Has surface water	.24	.13	.08	.04	.00	.10
Has bottled water	.00	.02	.10	.40	.79	.26
Has flush to piped sewer system toilet	.00	.00	.00	.00	.02	.00
Has flush to septic system toilet	.01	.05	.14	.31	.58	.22
Has flush to pit latrine toilet	.10	.27	.42	.54	.37	.34
Has vent improved pit latrine toilet	.00	.00	.00	.00	.00	.00

Has pit latrine with slab toilet	.01	.01	.01	.00	.00	.01
Has pit latrine without slab toilet	.05	.04	.02	.00	.00	.02
Has composting toilet	.00	.00	.00	.00	.00	.00
Has bucket toilet	.00	.00	.00	.00	.00	.00
Has bush/field/n one toilet	.82	.61	.37	.10	.00	.38
Has flush to septic system toilet-shared	.00	.00	.01	.02	.01	.01
Has flush to pit latrine toilet-shared	.00	.01	.02	.02	.01	.01
Persons per sleeping rooms	4.8232	3.9496	3.4342	2.8617	2.1673	3.4441
Has earth/sand floor	.26	.18	.07	.03	.00	.11
Has wood floor	.28	.42	.42	.24	.03	.28
Has palm/bamboo floor	.30	.06	.02	.00	.00	.08
Has parquet/polished wood floor	.16	.29	.30	.19	.03	.19
Has ceramic tile floor	.00	.00	.01	.10	.59	.14
Has cement floor	.00	.05	.19	.44	.35	.21
Has thatch/palm leaf roof	.42	.12	.04	.00	.00	.12
Has palm/bamboo roof	.09	.03	.01	.00	.00	.03
Has wood plank roof	.02	.02	.01	.00	.00	.01

Has metal roof	.39	.63	.72	.70	.38	.56
Has wood roof	.01	.01	.00	.00	.00	.01
Has calamine/cement fibre roof	.06	.19	.22	.29	.62	.27
Has ceramic tile roof	.00	.00	.00	.00	.00	.00
Has cement roof	.00	.00	.00	.00	.00	.00
Has shingle roof	.00	.00	.00	.00	.00	.00
Has no wall	.00	.00	.00	.00	.00	.00
Has cane wall	.01	.00	.00	.00	.00	.00
Has dirt wall	.01	.00	.00	.00	.00	.00
Has plywood wall	.00	.00	.01	.00	.00	.00
Has reused wood wall	.02	.02	.01	.00	.00	.01
Has bamboo mat wall	.10	.06	.04	.01	.00	.04
Has bamboo/bamboo wirth dry leaf wall	.02	.01	.00	.00	.00	.01
Has bamboo lattice wall	.55	.32	.19	.06	.00	.23
Has cement wall	.00	.01	.07	.29	.73	.22
Has stone with lime/cement wall	.00	.00	.00	.03	.10	.03
Has brick wall	.00	.01	.02	.06	.05	.03
Has cement block wall	.00	.01	.05	.09	.02	.03
Has wood plank/shingle wall	.27	.55	.60	.45	.09	.39

Household fuel type: electricity	.00	.00	.00	.01	.08	.02
Household fuel type: LPG	.00	.00	.00	.00	.08	.02
Household fuel type: natural gas	.00	.00	.00	.00	.01	.00
Household fuel type: biogas	.00	.00	.00	.00	.00	.00
Household fuel type: coal/lignite	.00	.00	.00	.01	.01	.00
Household fuel type: charcoal	.01	.05	.12	.32	.53	.20
Household fuel type: wood	.99	.95	.88	.67	.30	.76
Household fuel type: straw/shrub /grass	.00	.00	.00	.00	.00	.00
Household fuel type: no food cooked	.00	.00	.00	.00	.00	.00
Household has: electricity	.18	.61	.92	.99	1.00	.74
Household has: radio	.25	.34	.35	.35	.38	.33
Household has: television	.05	.45	.90	.98	.99	.67
Household has: non-mobile telephone	.03	.12	.17	.19	.42	.19
Household has: fridge	.00	.03	.34	.84	.99	.44

Household has: clock	.00	.02	.08	.23	.66	.20
Household has: fan	.01	.19	.66	.93	.99	.56
Household has: settee	.00	.00	.01	.08	.62	.14
Household has: water pump	.00	.03	.20	.48	.46	.23
Household has: air conditioner	.00	.00	.00	.00	.23	.05
Household has: washing machine	.00	.00	.00	.03	.54	.11
Household has: CD/DVD player	.03	.26	.56	.72	.89	.49
Household member owns: watch	.10	.17	.19	.30	.65	.28
Household member owns: mobile phone	.36	.76	.92	.98	1.00	.80
Household member owns: bicycle	.07	.24	.41	.57	.64	.39
Household member owns: motorcycle/scooter	.25	.61	.81	.93	.99	.72
Household member owns: animal drawn cart	.02	.07	.11	.18	.18	.11
Household member owns: car/truck	.00	.01	.03	.07	.49	.12
Household member owns: boat with motor	.01	.02	.04	.08	.05	.04



Household member owns: Tuk Tuk	.00	.00	.00	.01	.02	.01
Household member owns: Tak Tak	.09	.33	.47	.54	.26	.34
Household member owns: camera	.00	.00	.00	.02	.34	.07
Household member owns: computer	.00	.00	.00	.02	.34	.07
Household owns dwelling	.99	.99	.99	.98	.96	.98
Household rents dwelling	.00	.00	.00	.01	.02	.01
Household owns agricultural land	1.19	1.56	1.74	1.87	1.73	1.62
Household owns cattle milk cows or bulls	.88	1.73	2.02	2.57	2.11	1.86
Household owns buffalo	.62	1.13	1.12	.95	.44	.85
Household owns goats	.22	.33	.27	.22	.35	.28
Household owns sheep	.02	.02	.01	.02	.03	.02
Household owns poultry	7.69	11.64	13.49	16.80	14.53	12.82
Household owns pigs	1.59	1.85	1.34	.86	.57	1.24
Household owns horses donkeys mules	.01	.01	.01	.00	.00	.01
Household owns bank account	.03	.06	.10	.22	.62	.20