

Common

**Descriptive Statistics**

	Std.		Analysis N <sup>a</sup>	Missing N
	Mean	Deviation <sup>a</sup>		
Has electricity	1.00	.049	8040	0
Has radio	.36	.480	8040	0
Has television	.99	.110	8040	0
Has refrigerator	.77	.421	8040	0
Has bicycle	.25	.434	8040	0
Has motorcycle/scooter	.01	.112	8040	0
Has car/truck	.47	.499	8040	0
Main floor material	28.58	7.124	8040	2
Main wall material	26.71	8.620	8040	4
Main roof material	32.86	2.245	8040	2
Number of rooms used for sleeping	2.11	.884	8040	53
Has telephone (land-line)	.23	.422	8040	0
Share toilet with other households	.03	.166	8040	14
Type of cooking fuel	3.54	3.694	8040	1
Has mobile telephone	.97	.174	8040	0
Has watch	.34	.475	8040	0
Has animal-drawn cart	.10	.303	8040	0
Has boat with a motor	.00	.025	8040	0
Has bank account	.04	.192	8040	0
Owens black and white television	.07	.249	8040	0
Owens color television	.97	.162	8040	0
Owens washing machine	.67	.470	8040	0
Owens vacuum cleaner	.47	.499	8040	0
Owens computer	.15	.361	8040	0
Owens intercom	.02	.137	8040	0
Owens camera	.23	.423	8040	0
Owens video camera	.08	.274	8040	0
Owens table	.89	.318	8040	0
Owens chair	.67	.469	8040	0
Owens sofa	.77	.422	8040	0
Owens bed	.75	.432	8040	0
Owens buffet	.86	.343	8040	0
Owens air conditioner	.04	.206	8040	0
Owens DVD	.82	.382	8040	0
Owens dish	.30	.460	8040	0
Owens freezer	.04	.191	8040	0
Owens fan	.21	.406	8040	0
Owens sewing machine	.57	.495	8040	0
Owens carpet	.98	.128	8040	0
Owens internet connection	.07	.251	8040	0
Has heavy truck	.05	.218	8040	0
Has tracktor	.03	.178	8040	0
Owens a dwelling	.47	.499	8040	0

**Component Score Coefficient Matrix**

	Component
	1
Has electricity	.006
Has radio	-.001
Has television	.013
Has refrigerator	.055
Has bicycle	.004
Has motorcycle/scooter	.000
Has car/truck	.024
Main floor material	.039
Main wall material	.091
Main roof material	.002
Number of rooms used for sleeping	-.008
Has telephone (land-line)	.076
Share toilet with other households	-.003
Type of cooking fuel	-.043
Has mobile telephone	.005
Has watch	.038
Has animal-drawn cart	-.023
Has boat with a motor	-.001
Has bank account	.031
Owens black and white television	-.013
Owens color television	.020
Owens washing machine	.052
Owens vacuum cleaner	.068
Owens computer	.062
Owens intercom	.020
Owens camera	.058
Owens video camera	.045
Owens table	.042
Owens chair	.055
Owens sofa	.052
Owens bed	.016
Owens buffet	.023
Owens air conditioner	.037
Owens DVD	.014
Owens dish	.025
Owens freezer	.012
Owens fan	.038
Owens sewing machine	-.015
Owens carpet	.006
Owens internet connection	.030
Has heavy truck	-.006
Has tracktor	-.007
Owens a dwelling	-.035

Sum over each variable

	If has	If does not have
Has electricity	0.000300736	-0.126958118
Has radio	-0.001151096	0.000645257
Has television	0.001443504	-0.115786522
Has refrigerator	0.029807507	-0.099874505
Has bicycle	0.006114734	-0.002049075
Has motorcycle/scooter	-9.50048E-05	1.22077E-06
Has car/truck	0.025712681	-0.023078907
Main floor material	-0.150954512	-0.156427179
Main wall material	-0.271883902	-0.282457984
Main roof material	-0.030879986	-0.031849149
Number of rooms used for sleeping		
Has telephone (land-line)	0.138291905	-0.041825852
Share toilet with other households	-0.016329474	0.000477446
Type of cooking fuel	0.029900196	0.041673691
Has mobile telephone	0.000971951	-0.030161464
Has watch	0.053223786	-0.02774485
Has animal-drawn cart	-0.066853726	0.007634073
Has boat with a motor	-0.023498442	1.46226E-05
Has bank account	0.153744509	-0.006145008
Owens black and white television	-0.047184453	0.003363582
Owens color television	0.0032597	-0.118073563
Owens washing machine	0.036771426	-0.074455913
Owens vacuum cleaner	0.071871258	-0.064284471
Owens computer	0.145849309	-0.026621414
Owens intercom	0.141431386	-0.002761911
Owens camera	0.105413446	-0.032104663
Owens video camera	0.149932577	-0.013320121
Owens table	0.015253061	-0.118190473
Owens chair	0.038499347	-0.079463592
Owens sofa	0.028428978	-0.093865824
Owens bed	0.009466839	-0.02872352
Owens buffet	0.009042174	-0.057471162
Owens air conditioner	0.171408271	-0.007941351
Owens DVD	0.006288063	-0.029065804
Owens dish	0.037431715	-0.016347947
Owens freezer	0.061361011	-0.002427782
Owens fan	0.074263506	-0.019439976
Owens sewing machine	-0.013471204	0.017831825
Owens carpet	0.000842522	-0.049334355
Owens internet connection	0.110187816	-0.007949274
Has heavy truck	-0.024406418	0.001284548
Has tracktor	-0.039521726	0.00133128
Owens a dwelling	-0.037186437	0.032505626

Number of members per sleeping room	1.9775	1.13060	8040	53	Number of members per sleeping room	-0.030		
Piped into dwelling	.23	.424	8040	0	Piped into dwelling	.097	0.175563541	-0.053729973
Piped into yard/plot	.28	.447	8040	0	Piped into yard/plot	-.003	-0.00415664	0.001585522
Public tap / standpipe	.27	.444	8040	0	Public tap / standpipe	-.049	-0.080085584	0.029531048
Tube well or borehole	.04	.203	8040	0	Tube well or borehole	-.010	-0.046820038	0.002099144
Protected well	.02	.155	8040	0	Protected well	-.011	-0.071421212	0.001793954
Unprotected well	.01	.114	8040	0	Unprotected well	-.010	-0.086210639	0.001151793
Protected spring	.02	.131	8040	0	Protected spring	-.012	-0.089599469	0.001587839
Unprotected spring	.02	.141	8040	0	Unprotected spring	-.015	-0.102573846	0.002122577
Surface water-river, lake, dam, etc.	.09	.287	8040	0	Surface water-river, lake, dam, etc.	-.032	-0.101546091	0.010094901
Water from tanker truck	.01	.092	8040	0	Water from tanker truck	-.008	-0.085173566	0.000726518
Water from cart with small tank	.00	.016	8040	0	Water from cart with small tank	.000	-0.023125453	5.75403E-06
Bottled water	.00	.016	8040	0	Bottled water	.002	0.102483736	-2.54998E-05
Other water source	.00	.043	8040	0	Other water source	.000	-0.007997012	1.49477E-05
Flush toilet to sewer	.13	.336	8040	0	Flush toilet to sewer	.103	0.266129117	-0.039539183
Flush toilet to septic tank	.00	.052	8040	0	Flush toilet to septic tank	.012	0.224009988	-0.000614645
Flush toilet to pit latrine	.00	.058	8040	0	Flush toilet to pit latrine	.003	0.059722649	-0.000201237
Flush toilet to elsewhere or don't know	.00	.016	8040	0	Flush toilet to elsewhere or don't know	.003	0.158682051	-3.9483E-05
VIP Latrine	.03	.183	8040	0	VIP Latrine	.007	0.034956193	-0.001256639
Pit latrine with slab	.81	.391	8040	0	Pit latrine with slab	-.091	-0.044050797	0.189723728
Traditional pit latrine (no slab)	.02	.132	8040	0	Traditional pit latrine (no slab)	-.005	-0.040907272	0.000735481
Bucket latrine	.00	.011	8040	0	Bucket latrine	.000	0.013042458	-1.6224E-06
No facility/bush/field	.00	.011	8040	0	No facility/bush/field	-.002	-0.188439374	2.34406E-05
Shares latrine/toilet with other households	.03	.166	8040	0	Shares latrine/toilet with other households	-.003		
							-0.016196357	0.000472705
Shared Flush toilet to sewer	.01	.074	8040	0	Shared Flush toilet to sewer	.011	0.146196641	-0.000804484
Shared Flush toilet to pit latrine	.00	.011	8040	0	Shared Flush toilet to pit latrine	.000	0.004822263	-5.99859E-07
Shared VIP latrine	.00	.019	8040	0	Shared VIP latrine	-.002	-0.086115006	3.21445E-05
Shared pit latrine with slab	.02	.146	8040	0	Shared pit latrine with slab	-.008	-0.055210214	0.001228454
Shared Traditional pit latrine	.00	.025	8040	0	Shared Traditional pit latrine	-.001	-0.042022262	2.61495E-05
Earth, sand, dung floor	.03	.184	8040	0	Earth, sand, dung floor	-.033	-0.172715214	0.006255055
Rudimentary wood plank floor	.22	.416	8040	0	Rudimentary wood plank floor	-.029	-0.054594393	0.015568478
Rudimentary cane floor	.0022	.04727	8040	0	Rudimentary cane floor	-.003	-0.072942777	0.000163671
Polished wood floor	.55	.497	8040	0	Polished wood floor	-.020	-0.017534013	0.021833054
Vinyl linoleum floor	.17	.371	8040	0	Vinyl linoleum floor	.074	0.165240427	-0.032723071
Ceramic tile floor	.00	.040	8040	0	Ceramic tile floor	.005	0.122534522	-0.000198449
Cement floor	.01	.111	8040	0	Cement floor	.001	0.007933626	-0.000100932
Carpeted floor	.00	.043	8040	0	Carpeted floor	.007	0.16058898	-0.000300166
Other type of flooring	.00	.069	8040	0	Other type of flooring	.001	0.017870949	-8.48658E-05
No walls	.00	.016	8040	0	No walls	-.003	-0.16069328	3.99834E-05
Cane/palm/trunks/dirt walls	.16	.368	8040	0	Cane/palm/trunks/dirt walls	-.052	-0.119197425	0.023011701
Stras walls with mud	.28	.448	8040	0	Stras walls with mud	-.045	-0.072526192	0.027802539
Stone walls with mud	.01	.102	8040	0	Stone walls with mud	-.005	-0.050594165	0.000534177
Uncovered adobe walls	.00	.045	8040	0	Uncovered adobe walls	.000	-0.008353737	1.66575E-05
Plywood walls	.00	.029	8040	0	Plywood walls	-.001	-0.034488618	3.00536E-05
Cardboard walls	.00	.011	8040	0	Cardboard walls	.000	0.018017039	-2.2412E-06
Reused wood walls	.02	.141	8040	0	Reused wood walls	-.003	-0.017481195	0.000359476
Cement walls	.03	.159	8040	0	Cement walls	.013	0.079896407	-0.002132339
Stone walls with lime/cement	.00	.051	8040	0	Stone walls with lime/cement	.000	0.001967734	-5.15306E-06
Brick walls	.38	.486	8040	0	Brick walls	.022	0.028114742	-0.017439979

Cement block walls	.02	.131	8040	0
Covered adobe walls	.01	.078	8040	0
Wood planks, shingles walls	.00	.056	8040	0
Slag walls	.01	.097	8040	0
Polymer cover walls	.00	.019	8040	0
Concrete walls	.08	.268	8040	0
Other type of walls	.00	.032	8040	0
No roof	.00	.011	8040	0
Thatch, palm, sod roof	.00	.022	8040	0
Mat roof	.00	.037	8040	0
Wood planks roof	.00	.029	8040	0
Tar roof	.02	.134	8040	0
Metal roof	.06	.239	8040	0
Wood roof	.01	.090	8040	0
Calamine/cement fiber roof	.82	.383	8040	0
Tile roof	.02	.136	8040	0
Cement/Beton blocks roof	.07	.253	8040	0
Roofing shingles roof	.00	.011	8040	0
Other type of roof	.00	.025	8040	0
Electricity for cooking	.53	.499	8040	0
LPG for cooking	.03	.167	8040	0
Natural gas for cooking	.18	.382	8040	0
Biogas for cooking	.00	.040	8040	0
Kerosene for cooking	.00	.011	8040	0
Coal/lignite for cooking	.00	.067	8040	0
Charcoal for cooking	.01	.092	8040	0
Wood for cooking	.08	.276	8040	0
Straw/shrubs/grass for cooking	.05	.208	8040	0
Ag. crops for cooking	.04	.196	8040	0
Dung for cooking	.08	.265	8040	0
Does not cook	.00	.011	8040	0

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

Cement block walls	.019	0.138760213	-0.00247692
Covered adobe walls	.001	0.01634918	-0.000100252
Wood planks, shingles walls	.000	-0.00032292	1.00724E-06
Slag walls	.010	0.10496501	-0.001014983
Polymer cover walls	.002	0.119137398	-4.44708E-05
Concrete walls	.089	0.307009508	-0.025832515
Other type of walls	.003	0.080878179	-8.0556E-05
No roof	-.003	-0.287379397	3.57482E-05
Thatch, palm, sod roof	-.003	-0.12515044	6.22949E-05
Mat roof	-.001	-0.017270472	2.36611E-05
Wood planks roof	.001	0.041721092	-3.6356E-05
Tar roof	.039	0.288078418	-0.005402383
Metal roof	.000	0.001718356	-0.000110796
Wood roof	.000	0.002142063	-1.77296E-05
Calamine/cement fiber roof	-.076	-0.035234838	0.162178471
Tile roof	.021	0.154129584	-0.002950129
Cement/Beton blocks roof	.081	0.299097971	-0.022048889
Roofing shingles roof	.003	0.259511951	-3.22816E-05
Other type of roof	.004	0.173484428	-0.000107955
Electricity for cooking	-.019	-0.017642763	0.020264189
LPG for cooking	.015	0.089238465	-0.002628021
Natural gas for cooking	.089	0.192223894	-0.041408775
Biogas for cooking	.001	0.01441375	-2.33436E-05
Kerosene for cooking	-.003	-0.27763477	3.4536E-05
Coal/lignite for cooking	-.004	-0.057277628	0.000257621
Charcoal for cooking	-.006	-0.069238194	0.000590592
Wood for cooking	-.028	-0.092466172	0.008378649
Straw/shrubs/grass for cooking	-.026	-0.117557138	0.005606713
Ag. crops for cooking	-.028	-0.137016027	0.005734894
Dung for cooking	-.029	-0.102201852	0.008390731
Does not cook	-.003	-0.238065257	2.96138E-05

Extraction Method: Principal Component Analysis.

Urban

**Descriptive Statistics**

	Std.		Analysis N <sup>a</sup>	Missing N
	Mean	Deviation <sup>a</sup>		
Has electricity	1.00	0.04208	2820	0
Has radio	.28	0.45104	2820	0
Has television	.99	0.09188	2820	0
Has refrigerator	.86	0.34786	2820	0
Has bicycle	.19	0.39410	2820	0
Has motorcycle/scooter	.01	0.10594	2820	0
Has car/truck	.46	0.49824	2820	0
Main floor material	29.80	5.62817	2820	1
Main wall material	30.68	7.57533	2820	1
Main roof material	32.90	3.09051	2820	1
Number of rooms used for sleeping	1.92	0.83070	2820	25
Has telephone (land-line)	.48	0.49965	2820	0
Share toilet with other households	.05	0.21724	2820	6
Type of cooking fuel	2.44	2.53528	2820	0
Has mobile telephone	.96	0.19945	2820	0
Has watch	.37	0.48295	2820	0
Has animal-drawn cart	.01	0.11532	2820	0
Has boat with a motor	.00	0.01883	2820	0
Owens land usable for agriculture	.24	0.42544	2820	1
Owens livestock, beehives, herds or farm animals	.16	0.37019	2820	0
Owens cattle	.09	0.86057	2820	0
Owens cows/ bulls	.18	0.79512	2820	0
Owens horses/ donkeys/ mules	.06	0.67977	2820	1
Owens goats	.33	3.02803	2820	0
Owens sheep	1.06	5.30818	2820	1
Owens poultry	1.10	4.48976	2820	0
Owens pigs	.02	0.43484	2820	1
Owens beehives	.06	1.69459	2820	0
Has bank account	.06	0.23805	2820	0
Owens black and white television	.06	0.23070	2820	0
Owens color television	.98	0.15343	2820	0
Owens washing machine	.74	0.43750	2820	0
Owens vacuum cleaner	.63	0.48333	2820	0
Owens computer	.25	0.43411	2820	0
Owens intercom	.02	0.15452	2820	0
Owens camera	.31	0.46385	2820	0
Owens video camera	.12	0.32651	2820	0
Owens table	.93	0.25072	2820	0
Owens chair	.73	0.44285	2820	0
Owens sofa	.82	0.38672	2820	0

**Component Score Coefficient Matrix**

	Component
	1
Has electricity	0.00291
Has radio	0.01912
Has television	0.00401
Has refrigerator	-0.00760
Has bicycle	0.01687
Has motorcycle/scooter	0.01277
Has car/truck	0.01408
Main floor material	-0.01423
Main wall material	-0.04719
Main roof material	-0.00154
Number of rooms used for sleeping	0.02946
Has telephone (land-line)	-0.01925
Share toilet with other households	0.00052
Type of cooking fuel	-0.00185
Has mobile telephone	0.00679
Has watch	0.00234
Has animal-drawn cart	0.01386
Has boat with a motor	-0.00030
Owens land usable for agriculture	0.04352
Owens livestock, beehives, herds or farm animals	0.07580
Owens cattle	0.02599
Owens cows/ bulls	0.05530
Owens horses/ donkeys/ mules	0.03068
Owens goats	0.03411
Owens sheep	0.05023
Owens poultry	0.04880
Owens pigs	0.00484
Owens beehives	0.00541
Has bank account	-0.00003
Owens black and white television	0.01436
Owens color television	0.00222
Owens washing machine	-0.00011
Owens vacuum cleaner	-0.00655
Owens computer	-0.00521
Owens intercom	0.00220
Owens camera	-0.00257
Owens video camera	-0.00249
Owens table	-0.00462
Owens chair	-0.00050
Owens sofa	-0.00109

Sum over each variable

	If has	If does not have
Has electricity	0.00012254	-0.0689902
Has radio	0.030345321	-0.012038931
Has television	0.000371019	-0.043223735
Has refrigerator	-0.003076736	0.018778167
Has bicycle	0.034579061	-0.008227327
Has motorcycle/scooter	0.119178338	-0.001367901
Has car/truck	0.01534591	-0.012920234
Main floor material	0.072838501	0.075367435
Main wall material	0.184897966	0.191127824
Main roof material	0.015866655	0.016364037
Number of rooms used for sleeping		
Has telephone (land-line)	-0.020067141	0.018455213
Share toilet with other households	0.002257714	-0.000118205
Type of cooking fuel	0.00104894	0.001779312
Has mobile telephone	0.001411523	-0.032609792
Has watch	0.003051162	-0.001793589
Has animal-drawn cart	0.118578496	-0.001619692
Has boat with a motor	-0.016006719	5.67815E-06
Owens land usable for agriculture	0.07801012	-0.024273847
Owens livestock, beehives, herds or farm animals	0.171224525	-0.033547808
Owens cattle		
Owens cows/ bulls		
Owens horses/ donkeys/ mules		
Owens goats		
Owens sheep		
Owens poultry		
Owens pigs		
Owens beehives		
Has bank account	-0.000102946	6.60411E-06
Owens black and white television	0.058736072	-0.003509596
Owens color television	0.000348436	-0.014101413
Owens washing machine	-6.4783E-05	0.000186507
Owens vacuum cleaner	-0.005036399	0.008515743
Owens computer	-0.008981366	0.003022166
Owens intercom	0.01388575	-0.000348279
Owens camera	-0.003804522	0.001734328
Owens video camera	-0.006710595	0.00092616
Owens table	-0.00124053	0.01717154
Owens chair	-0.000305071	0.000834399
Owens sofa	-0.000516955	0.002308262

Owns bed	.71	0.45188	2820	0
Owns buffet	.85	0.35433	2820	0
Owns air conditioner	.07	0.25792	2820	0
Owns DVD	.82	0.38816	2820	0
Owns dish	.30	0.45677	2820	0
Owns freezer	.03	0.18318	2820	0
Owns fan	.26	0.43750	2820	0
Owns sewing machine	.43	0.49467	2820	0
Owns carpet	.98	0.12937	2820	0
Owns internet connection	.09	0.28785	2820	0
Has heavy truck	.02	0.15009	2820	0
Has tractor	.00	0.06234	2820	0
Owns a dwelling	.35	0.47592	2820	0
Owns agricultural land	.16	0.36295	2820	0
Number of members per sleeping room	1.8036	1.03077	2820	25
Piped into dwelling	.50	0.50009	2820	0
Piped into yard/plot	.34	0.47224	2820	0
Public tap / standpipe	.09	0.28326	2820	0
Tube well or borehole	.03	0.16905	2820	0
Protected well	.01	0.08182	2820	0
Unprotected well	.01	0.10261	2820	0
Protected spring	.00	0.04208	2820	0
Unprotected spring	.00	0.05641	2820	0
Surface water-river, lake, dam, etc.	.01	0.11680	2820	0
Water from tanker truck	.01	0.09188	2820	0
Bottled water	.00	0.01883	2820	0
Other water source	.00	0.01883	2820	0
Flush toilet to sewer	.34	0.47417	2820	0
Flush toilet to septic tank	.01	0.07275	2820	0
Flush toilet to pit latrine	.00	0.06775	2820	0
Flush toilet to elsewhere or don't know	.00	0.02663	2820	0
VIP Latrine	.03	0.17198	2820	0
Pit latrine with slab	.60	0.48910	2820	0
Traditional pit latrine (no slab)	.01	0.11228	2820	0
Bucket latrine	.00	0.01883	2820	0
Shares latrine/toilet with other households	.05	0.21725	2820	0
Shared Flush toilet to sewer	.02	0.12395	2820	0
Shared VIP latrine	.00	0.01883	2820	0
Shared pit latrine with slab	.03	0.17954	2820	0
Shared Traditional pit latrine	.00	0.01883	2820	0
Earth, sand, dung floor	.02	0.12256	2820	0
Rudimentary wood plank floor	.14	0.35076	2820	0
Rudimentary cane floor	.0018	0.04208	2820	0
Polished wood floor	.50	0.50008	2820	0
Vinyl linoleum floor	.31	0.46356	2820	0
Ceramic tile floor	.00	0.04609	2820	0

Owns bed	0.00909	0.005750567	-0.014369282
Owns buffet	0.00721	0.002995811	-0.017361263
Owns air conditioner	-0.00492	-0.017722233	0.001367414
Owns DVD	0.00873	0.004153031	-0.018325949
Owns dish	0.01902	0.029294122	-0.012343693
Owns freezer	0.00587	0.030919419	-0.00111319
Owns fan	-0.00170	-0.002876177	0.000999035
Owns sewing machine	0.03144	0.036447367	-0.027115759
Owns carpet	0.00396	0.000521033	-0.030089669
Owns internet connection	0.00128	0.004045442	-0.000405649
Has heavy truck	0.02134	0.138909358	-0.003277353
Has tractor	0.01564	0.249828126	-0.000978323
Owns a dwelling	0.02322	0.031884389	-0.016902359
Owns agricultural land	0.02744	0.063811857	-0.01179715
Number of members per sleeping room	-0.00289		
Piped into dwelling	-0.04715	-0.047043958	0.047244572
Piped into yard/plot	0.02262	0.031835146	-0.016070463
Public tap / standpipe	0.01927	0.06205228	-0.005983268
Tube well or borehole	0.01350	0.077484353	-0.002349726
Protected well	0.00269	0.03266853	-0.0002216
Unprotected well	0.00623	0.060066631	-0.000645878
Protected spring	0.00627	0.14882782	-0.000264348
Unprotected spring	0.00754	0.13330147	-0.000426792
Surface water-river, lake, dam, etc.	0.02167	0.182994742	-0.002566269
Water from tanker truck	0.01235	0.133267283	-0.001143925
Bottled water	-0.00063	-0.033274407	1.18036E-05
Other water source	0.00041	0.021831472	-7.7444E-06
Flush toilet to sewer	-0.05922	-0.082280989	0.04260189
Flush toilet to septic tank	0.00111	0.015205426	-8.13124E-05
Flush toilet to pit latrine	0.00011	0.00156137	-7.23114E-06
Flush toilet to elsewhere or don't know	0.00257	0.096264739	-6.83213E-05
VIP Latrine	0.00574	0.032336677	-0.001017174
Pit latrine with slab	0.05443	0.044041527	-0.067246202
Traditional pit latrine (no slab)	0.00295	0.025916806	-0.000335131
Bucket latrine	-0.00063	-0.033480694	1.18768E-05
Shares latrine/toilet with other households	0.00048	0.00211534	-0.000110503
Shared Flush toilet to sewer	-0.01016	-0.08068412	0.001278855
Shared VIP latrine	0.00302	0.160078821	-5.67857E-05
Shared pit latrine with slab	0.00730	0.039321021	-0.001355897
Shared Traditional pit latrine	-0.00019	-0.010005855	3.54943E-06
Earth, sand, dung floor	0.00583	0.046858683	-0.000725576
Rudimentary wood plank floor	0.01444	0.035250928	-0.005911646
Rudimentary cane floor	0.00205	0.048583783	-8.62945E-05
Polished wood floor	0.03113	0.030931258	-0.031328662
Vinyl linoleum floor	-0.04528	-0.067164758	0.03051684
Ceramic tile floor	-0.00252	-0.054503947	0.000116213

Cement floor	.02	0.12256	2820	0
Carpeted floor	.00	0.05641	2820	0
Other type of flooring	.00	0.05320	2820	0
Cane/palm/trunks/dirt walls	.07	0.25315	2820	0
Stras walls with mud	.17	0.37805	2820	0
Stone walls with mud	.01	0.08800	2820	0
Uncovered adobe walls	.00	0.05320	2820	0
Plywood walls	.00	0.02663	2820	0
Reused wood walls	.02	0.12804	2820	0
Cement walls	.03	0.16300	2820	0
Stone walls with lime/cement	.00	0.04977	2820	0
Brick walls	.43	0.49558	2820	0
Cement block walls	.02	0.15232	2820	0
Covered adobe walls	.01	0.07512	2820	0
Wood planks, shingles walls	.00	0.04977	2820	0
Slag walls	.02	0.12804	2820	0
Polymer cover walls	.00	0.02663	2820	0
Concrete walls	.22	0.41302	2820	0
Mat roof	.00	0.04208	2820	0
Wood planks roof	.00	0.03764	2820	0
Tar roof	.05	0.21503	2820	0
Metal roof	.05	0.21577	2820	0
Wood roof	.01	0.08393	2820	0
Calamine/cement fiber roof	.67	0.46879	2820	0
Tile roof	.02	0.14896	2820	0
Cement/Beton blocks roof	.19	0.39520	2820	0
Roofing shingles roof	.00	0.01883	2820	0
Other type of roof	.00	0.03260	2820	0
Electricity for cooking	.44	0.49648	2820	0
LPG for cooking	.04	0.19699	2820	0
Natural gas for cooking	.46	0.49856	2820	0
Biogas for cooking	.00	0.04208	2820	0
Coal/lignite for cooking	.00	0.06775	2820	0
Charcoal for cooking	.00	0.01883	2820	0
Wood for cooking	.02	0.14666	2820	0
Straw/shrubs/grass for cooking	.02	0.12804	2820	0
Ag. crops for cooking	.00	0.07030	2820	0
Dung for cooking	.01	0.08800	2820	0
Does not cook	.00	0.01883	2820	0
landarea	.1694	1.31043	2820	19
cattle1	.9128	0.28223	2820	0
cattle2	.0826	0.27536	2820	0
cattle3	.0035	0.05945	2820	0
cattle4	.0011	0.03260	2820	0
dairy1	.9741	0.15882	2820	1
dairy2	.0238	0.15232	2820	1
dairy3	.0018	0.04208	2820	1
dairy4	.0004	0.01883	2820	1

Cement floor	-0.00070	-0.005585712	8.6491E-05
Carpeted floor	-0.00599	-0.105844936	0.000338885
Other type of flooring	0.00243	0.045515629	-0.00012949
Cane/palm/trunks/dirt walls	0.02019	0.074256983	-0.005485855
Stras walls with mud	0.02347	0.051352679	-0.010719569
Stone walls with mud	0.00676	0.076249241	-0.000599529
Uncovered adobe walls	-0.00052	-0.009723798	2.76637E-05
Plywood walls	0.00882	0.330894754	-0.000234844
Reused wood walls	0.01495	0.114825873	-0.001946201
Cement walls	-0.00290	-0.017281929	0.000485129
Stone walls with lime/cement	0.00401	0.080363919	-0.000199981
Brick walls	0.01084	0.012405233	-0.009472663
Cement block walls	-0.00491	-0.031473057	0.000765963
Covered adobe walls	-0.00083	-0.011034843	6.29663E-05
Wood planks, shingles walls	0.00608	0.121907002	-0.000303359
Slag walls	0.00004	0.000304257	-5.15689E-06
Polymer cover walls	-0.00273	-0.102568255	7.27951E-05
Concrete walls	-0.05150	-0.097490522	0.027191234
Mat roof	0.00049	0.011508814	-2.04419E-05
Wood planks roof	0.00324	0.086015882	-0.000122182
Tar roof	-0.02035	-0.090026666	0.004596964
Metal roof	0.00915	0.040340818	-0.002075702
Wood roof	0.00285	0.03372658	-0.000240904
Calamine/cement fiber roof	0.04432	0.030806408	-0.063724681
Tile roof	0.00107	0.007013026	-0.000162857
Cement/Beton blocks roof	-0.04767	-0.097257739	0.023352122
Roofing shingles roof	-0.00211	-0.111777783	3.96516E-05
Other type of roof	-0.00041	-0.012540108	1.33547E-05
Electricity for cooking	0.04005	0.045166076	-0.035497847
LPG for cooking	0.00312	0.015186524	-0.000639787
Natural gas for cooking	-0.05333	-0.057653446	0.049308868
Biogas for cooking	0.00005	0.001116211	-1.98261E-06
Coal/lignite for cooking	0.00630	0.09258685	-0.000428796
Charcoal for cooking	0.00049	0.025822044	-9.16E-06
Wood for cooking	0.01522	0.101497255	-0.002281664
Straw/shrubs/grass for cooking	0.01371	0.105324758	-0.001785165
Ag. crops for cooking	0.00553	0.078259898	-0.000390463
Dung for cooking	0.01452	0.163714146	-0.001287245
Does not cook	-0.00016	-0.008360632	2.96581E-06
landarea	0.01861		
cattle1	-0.06491	-0.020064429	0.209942439
cattle2	0.06141	0.204576545	-0.018425332
cattle3	0.01747	0.292743175	-0.001041791
cattle4	0.01145	0.350691065	-0.000373473
dairy1	-0.04628	-0.007545241	0.283825076
dairy2	0.04294	0.275203712	-0.00670009
dairy3	0.01404	0.333163947	-0.000591976
dairy4	0.01158	0.614762136	-0.000218155

equine1	.9624	0.19023	2820	0
equine2	.0145	0.11972	2820	0
equine3	.0103	0.10090	2820	0
equine4	.0128	0.11228	2820	0
goats1	.9159	0.27750	2820	1
goats2	.0188	0.13582	2820	1
goats3	.0234	0.15121	2820	1
goats4	.0419	0.20027	2820	1
sheep1	.9124	0.28275	2820	0
sheep2	.0110	0.10429	2820	0
sheep3	.0220	0.14666	2820	0
sheep4	.0546	0.22726	2820	0
chicks1	.9124	0.28275	2820	0
chicks2	.0330	0.17861	2820	0
chicks3	.0493	0.21651	2820	0
chicks4	.0053	0.07275	2820	0
pigs1	.9957	0.06511	2820	1
pigs2	.0032	0.05641	2820	1
pigs3	.0007	0.02663	2820	1
pigs4	.0004	0.01883	2820	1
hives1	.9979	0.04609	2820	0
hives2	.0004	0.01883	2820	0
hives3	.0004	0.01883	2820	0
hives4	.0014	0.03764	2820	0

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

equine1	-0.04870	-0.009622578	0.246374299
equine2	0.02667	0.219500816	-0.003238407
equine3	0.02434	0.238702786	-0.002480251
equine4	0.03221	0.28316004	-0.003661552
goats1	-0.06292	-0.019061214	0.207662676
goats2	0.02265	0.163603188	-0.003134841
goats3	0.02785	0.179897761	-0.004312841
goats4	0.05079	0.242981635	-0.010615266
sheep1	-0.05793	-0.017944522	0.186928156
sheep2	0.01718	0.162922568	-0.0018109
sheep3	0.02576	0.171795068	-0.003861963
sheep4	0.04756	0.197852992	-0.011428867
chicks1	-0.05793	-0.017944522	0.186928156
chicks2	0.03118	0.168837568	-0.005757937
chicks3	0.04403	0.193352845	-0.010024635
chicks4	0.01752	0.239554351	-0.001281039
pigs1	-0.01015	-0.000663429	0.155187177
pigs2	0.00983	0.173709945	-0.000556366
pigs3	0.00297	0.111594008	-7.9229E-05
pigs4	0.00143	0.075668604	-2.68519E-05
hives1	-0.00694	-0.000320425	0.15027933
hives2	0.00305	0.162162515	-5.75248E-05
hives3	0.00358	0.19019462	-6.74688E-05
hives4	0.00518	0.137329711	-0.000195071

Extraction Method: Principal Component Analysis.  
Component Scores.

Rural

**Descriptive Statistics**

	Std.		Analysis	
	Mean	Deviation <sup>a</sup>	N <sup>a</sup>	Missing N
Has electricity	1.00	0.05172	5220	0
Has radio	.40	0.48991	5220	0
Has television	.99	0.11901	5220	0
Has refrigerator	.72	0.44804	5220	0
Has bicycle	.28	0.45038	5220	0
Has motorcycle/scooter	.01	0.11503	5220	0
Has car/truck	.48	0.49971	5220	0
Main floor material	27.93	7.73557	5220	1
Main wall material	24.57	8.38780	5220	3
Main roof material	32.84	1.61319	5220	1
Number of rooms used for sleeping	2.21	0.89575	5220	28
Has telephone (land-line)	.10	0.29849	5220	0
Share toilet with other households	.02	0.12875	5220	8
Type of cooking fuel	4.14	4.06662	5220	1
Has mobile telephone	.97	0.15817	5220	0
Has watch	.33	0.46945	5220	0
Has animal-drawn cart	.15	0.35767	5220	0
Has boat with a motor	.00	0.02767	5220	0
Owens land usable for agriculture	.83	0.37424	5220	1
Owens livestock, beehives, herds or farm animals	.75	0.43013	5220	1
Owens cattle	.72	2.36736	5220	1
Owens cows/ bulls	1.26	1.61495	5220	1
Owens horses/ donkeys/ mules	.63	1.60307	5220	1
Owens goats	1.81	4.70236	5220	2
Owens sheep	7.59	13.91431	5220	4
Owens poultry	6.58	10.35560	5220	8
Owens pigs	.02	0.33035	5220	1
Owens beehives	.04	1.08913	5220	2
Has bank account	.03	0.16101	5220	0
Owens black and white television	.07	0.25856	5220	0
Owens color television	.97	0.16599	5220	0
Owens washing machine	.63	0.48283	5220	0
Owens vacuum cleaner	.39	0.48728	5220	0
Owens computer	.10	0.30231	5220	0
Owens intercom	.02	0.12658	5220	0
Owens camera	.19	0.39267	5220	0
Owens video camera	.06	0.23779	5220	0
Owens table	.86	0.34666	5220	0

**Component Score Coefficient Matrix**

	Component	Sum over each variable	
	1	If has	If does not have
Has electricity	-0.00499	-0.00025854	0.096139185
Has radio	0.01313	0.016080385	-0.010711702
Has television	0.01050	0.001267306	-0.086937178
Has refrigerator	0.00974	0.006044104	-0.015699674
Has bicycle	0.01733	0.027597219	-0.010879673
Has motorcycle/scooter	0.00179	0.015344575	-0.000208567
Has car/truck	0.02369	0.02457393	-0.022830325
Main floor material	-0.00193	0.006726856	0.006976693
Main wall material	-0.01204	0.033818808	0.035253711
Main roof material	-0.00515	0.101676364	0.104869505
Number of rooms used for sleeping	0.01690		
Has telephone (land-line)	-0.00954	-0.02881482	0.003160809
Share toilet with other households	-0.01855	-0.14167651	0.002433164
Type of cooking fuel	0.01552	-0.01196473	-0.015780194
Has mobile telephone	0.01292	0.002096688	-0.07958028
Has watch	0.00629	0.00900845	-0.00439255
Has animal-drawn cart	0.04362	0.103582357	-0.01836169
Has boat with a motor	-0.00111	-0.04020152	3.08294E-05
Owens land usable for agriculture	0.05816	0.02617455	-0.129234978
Owens livestock, beehives, herds or farm animals	0.08428	0.048021367	-0.147931343
Owens cattle	0.03183		
Owens cows/ bulls	0.07103		
Owens horses/ donkeys/ mules	0.06040		
Owens goats	0.05237		
Owens sheep	0.06656		
Owens poultry	0.05948		
Owens pigs	0.00129		
Owens beehives	0.00222		
Has bank account	-0.00708	-0.04281561	0.001171299
Owens black and white television	0.00472	0.016955416	-0.00131611
Owens color television	0.01214	0.002073825	-0.071070548
Owens washing machine	0.01474	0.011289856	-0.019229588
Owens vacuum cleaner	0.01253	0.015738422	-0.00996701
Owens computer	-0.00792	-0.02352045	0.002663545
Owens intercom	-0.00339	-0.02637499	0.000436587
Owens camera	-0.00276	-0.00569364	0.001339204
Owens video camera	-0.00740	-0.02923298	0.001871006
Owens table	0.01110	0.004471821	-0.027548626



Owns chair	.64	0.47947	5220	0
Owns sofa	.74	0.43824	5220	0
Owns bed	.77	0.41919	5220	0
Owns buffet	.87	0.33621	5220	0
Owns air conditioner	.03	0.16922	5220	0
Owns DVD	.83	0.37926	5220	0
Owns dish	.31	0.46173	5220	0
Owns freezer	.04	0.19562	5220	0
Owns fan	.18	0.38445	5220	0
Owns sewing machine	.65	0.47797	5220	0
Owns carpet	.98	0.12803	5220	0
Owns internet connection	.05	0.22684	5220	0
Has heavy truck	.06	0.24577	5220	0
Has tractor	.05	0.21396	5220	0
Owns a dwelling	.53	0.49907	5220	0
Owns agricultural land	.43	0.49566	5220	0
Number of members per sleeping room	2.0711	1.17053	5220	28
Piped into dwelling	.09	0.28654	5220	0
Piped into yard/plot	.24	0.42957	5220	0
Public tap / standpipe	.37	0.48215	5220	0
Tube well or borehole	.05	0.21836	5220	0
Protected well	.03	0.18150	5220	0
Unprotected well	.01	0.11979	5220	0
Protected spring	.03	0.15874	5220	0
Unprotected spring	.03	0.16922	5220	0
Surface water-river, lake, dam, etc.	.13	0.33831	5220	0
Water from tanker truck	.01	0.09143	5220	0
Water from cart with small tank	.00	0.01957	5220	0
Bottled water	.00	0.01384	5220	0
Other water source	.00	0.05172	5220	0
Flush toilet to sewer	.01	0.12133	5220	0
Flush toilet to septic tank	.00	0.03660	5220	0
Flush toilet to pit latrine	.00	0.05172	5220	0
VIP Latrine	.04	0.18871	5220	0
Pit latrine with slab	.92	0.26572	5220	0
Traditional pit latrine (no slab)	.02	0.14106	5220	0
No facility/bush/field	.00	0.01384	5220	0
Shares latrine/toilet with other households	.02	0.12875	5220	0
Shared Flush toilet to pit latrine	.00	0.01384	5220	0
Shared VIP latrine	.00	0.01957	5220	0
Shared pit latrine with slab	.02	0.12361	5220	0
Shared Traditional pit latrine	.00	0.02767	5220	0
Earth, sand, dung floor	.05	0.20862	5220	0
Rudimentary wood plank floor	.26	0.44094	5220	0
Rudimentary cane floor	.0025	0.04985	5220	0
Polished wood floor	.58	0.49321	5220	0

Owns chair	0.01000	0.007466046	-0.013386153
Owns sofa	0.00983	0.005815968	-0.016622578
Owns bed	0.01474	0.007994594	-0.027162761
Owns buffet	0.01940	0.00749562	-0.05021402
Owns air conditioner	-0.00912	-0.05230122	0.001589891
Owns DVD	0.01988	0.009125585	-0.043278763
Owns dish	0.01779	0.026662269	-0.011869582
Owns freezer	0.00251	0.01229564	-0.000510274
Owns fan	-0.00959	-0.02044295	0.004495633
Owns sewing machine	0.02803	0.020701797	-0.037932702
Owns carpet	0.00732	0.000953259	-0.056242268
Owns internet connection	-0.00848	-0.03533221	0.002032891
Has heavy truck	0.02160	0.082198791	-0.005672945
Has tractor	0.01938	0.086227721	-0.004355637
Owns a dwelling	0.02541	0.023869141	-0.027049092
Owns agricultural land	0.02648	0.030238619	-0.023177825
Number of members per sleeping room	0.00800		
Piped into dwelling	-0.01481	-0.04703261	0.004664637
Piped into yard/plot	-0.01987	-0.03497431	0.011291757
Public tap / standpipe	0.01111	0.01457751	-0.008467494
Tube well or borehole	0.00850	0.036992283	-0.001954816
Protected well	0.00302	0.016048951	-0.000566583
Unprotected well	-0.00113	-0.00930716	0.000137509
Protected spring	0.00537	0.032924716	-0.000874108
Unprotected spring	0.01038	0.059547328	-0.001810164
Surface water-river, lake, dam, etc.	0.00695	0.017840017	-0.002708282
Water from tanker truck	0.00061	0.006571816	-5.58655E-05
Water from cart with small tank	0.00425	0.217111364	-8.32163E-05
Bottled water	-0.00441	-0.3182114	6.09717E-05
Other water source	0.00202	0.03887724	-0.000104549
Flush toilet to sewer	-0.02181	-0.17708793	0.002686281
Flush toilet to septic tank	-0.00372	-0.10145261	0.00013623
Flush toilet to pit latrine	-0.00542	-0.10442453	0.000280819
VIP Latrine	-0.00998	-0.0509503	0.001956119
Pit latrine with slab	0.02348	0.006754114	-0.081607974
Traditional pit latrine (no slab)	-0.00920	-0.06391034	0.001324696
No facility/bush/field	0.00043	0.031292889	-5.99596E-06
Shares latrine/toilet with other households	-0.01856	-0.1416964	0.002429712
Shared Flush toilet to pit latrine	-0.00222	-0.16071325	3.07939E-05
Shared VIP latrine	-0.00306	-0.15648066	5.99773E-05
Shared pit latrine with slab	-0.01735	-0.13817363	0.002177868
Shared Traditional pit latrine	-0.00556	-0.20088618	0.000154054
Earth, sand, dung floor	-0.00780	-0.03566408	0.001703744
Rudimentary wood plank floor	0.00616	0.010285313	-0.003692644
Rudimentary cane floor	0.00008	0.001517081	-3.7876E-06
Polished wood floor	0.00828	0.007013591	-0.00978042

Vinyl linoleum floor	.09	0.28013	5220	0
Ceramic tile floor	.00	0.03660	5220	0
Cement floor	.01	0.10483	5220	0
Carpeted floor	.00	0.03389	5220	0
Other type of flooring	.01	0.07560	5220	0
No walls	.00	0.01957	5220	0
Cane/palm/trunks/dirt walls	.21	0.40881	5220	0
Stras walls with mud	.33	0.47152	5220	0
Stone walls with mud	.01	0.10834	5220	0
Uncovered adobe walls	.00	0.03912	5220	0
Plywood walls	.00	0.03094	5220	0
Cardboard walls	.00	0.01384	5220	0
Reused wood walls	.02	0.14680	5220	0
Cement walls	.03	0.15701	5220	0
Stone walls with lime/cement	.00	0.05172	5220	0
Brick walls	.36	0.47878	5220	0
Cement block walls	.01	0.11823	5220	0
Covered adobe walls	.01	0.07927	5220	0
Wood planks, shingles walls	.00	0.05863	5220	0
Slag walls	.01	0.07560	5220	0
Polymer cover walls	.00	0.01384	5220	0
Concrete walls	.00	0.04149	5220	0
Other type of walls	.00	0.03912	5220	0
No roof	.00	0.01384	5220	0
Thatch, palm, sod roof	.00	0.02767	5220	0
Mat roof	.00	0.03389	5220	0
Wood planks roof	.00	0.02397	5220	0
Tar roof	.00	0.04586	5220	0
Metal roof	.07	0.24980	5220	0
Wood roof	.01	0.09347	5220	0
Calamine/cement fiber roof	.90	0.29849	5220	0
Tile roof	.02	0.12803	5220	0
Cement/Beton blocks roof	.00	0.03389	5220	0
Other type of roof	.00	0.01957	5220	0
Electricity for cooking	.59	0.49266	5220	0
LPG for cooking	.02	0.14742	5220	0
Natural gas for cooking	.02	0.15290	5220	0
Biogas for cooking	.00	0.03912	5220	0
Kerosene for cooking	.00	0.01384	5220	0
Coal/lignite for cooking	.00	0.06624	5220	0
Charcoal for cooking	.01	0.11257	5220	0
Wood for cooking	.12	0.32037	5220	0
Straw/shrubs/grass for cooking	.06	0.23956	5220	0
Ag. crops for cooking	.06	0.23601	5220	0
Dung for cooking	.11	0.31619	5220	0
cattle1	.3855	0.48672	5220	1

Vinyl linoleum floor	-0.01328	-0.04333606	0.004068431
Ceramic tile floor	-0.00444	-0.12111238	0.000162629
Cement floor	-0.00909	-0.08574913	0.000963473
Carpeted floor	-0.00308	-0.09088969	0.000104591
Other type of flooring	-0.00266	-0.03503414	0.000202509
No walls	-0.00142	-0.07264713	2.78448E-05
Cane/palm/trunks/dirt walls	0.00349	0.006723458	-0.001809596
Stras walls with mud	0.01120	0.015826079	-0.007919863
Stone walls with mud	0.00058	0.005316326	-6.39031E-05
Uncovered adobe walls	-0.00315	-0.08044548	0.000123477
Plywood walls	0.00003	0.001018093	-9.7612E-07
Cardboard walls	-0.00041	-0.02970052	5.69084E-06
Reused wood walls	0.01120	0.074636353	-0.001681328
Cement walls	-0.01527	-0.09478767	0.002459114
Stone walls with lime/cement	-0.00400	-0.07706551	0.000207245
Brick walls	-0.00607	-0.00817415	0.004513646
Cement block walls	-0.01414	-0.11788951	0.001695263
Covered adobe walls	-0.00634	-0.07945371	0.000505489
Wood planks, shingles walls	0.00205	0.034797536	-0.000120407
Slag walls	-0.00540	-0.07104348	0.000410656
Polymer cover walls	-0.00217	-0.15701706	3.00857E-05
Concrete walls	-0.00696	-0.16751885	0.000289324
Other type of walls	0.00094	0.02401172	-3.68561E-05
No roof	-0.00213	-0.15408189	2.95233E-05
Thatch, palm, sod roof	-0.00266	-0.09590963	7.35503E-05
Mat roof	0.00119	0.03521245	-4.05207E-05
Wood planks roof	0.00032	0.013484596	-7.75422E-06
Tar roof	-0.00499	-0.10849912	0.000229121
Metal roof	0.01061	0.039633917	-0.002839712
Wood roof	-0.00143	-0.01513186	0.000134531
Calamine/cement fiber roof	-0.00596	-0.00197385	0.017994132
Tile roof	-0.00084	-0.00648135	0.000109853
Cement/Beton blocks roof	-0.00750	-0.22098737	0.000254301
Other type of roof	-0.00503	-0.2566678	9.83778E-05
Electricity for cooking	-0.00507	-0.00426026	0.006021095
LPG for cooking	-0.01360	-0.09017841	0.002049509
Natural gas for cooking	-0.01814	-0.11578575	0.002840671
Biogas for cooking	-0.00282	-0.07202895	0.000110559
Kerosene for cooking	-0.00265	-0.19122435	3.664E-05
Coal/lignite for cooking	0.00175	0.026249482	-0.000116171
Charcoal for cooking	0.00579	0.050813084	-0.000660679
Wood for cooking	0.00375	0.010348372	-0.001359149
Straw/shrubs/grass for cooking	-0.00490	-0.01920592	0.00125009
Ag. crops for cooking	-0.00508	-0.02024873	0.001274049
Dung for cooking	0.02482	0.06966	-0.00884285
cattle1	-0.08211	-0.10366794	0.065038947

cattle2	.5777	0.49393	5220	1
cattle3	.0314	0.17446	5220	1
cattle4	.0054	0.07305	5220	1
dairy1	.7007	0.45795	5220	1
dairy2	.2748	0.44640	5220	1
dairy3	.0184	0.13437	5220	1
dairy4	.0061	0.07806	5220	1
equine1	.7645	0.42429	5220	2
equine2	.0845	0.27813	5220	2
equine3	.0709	0.25665	5220	2
equine4	.0801	0.27143	5220	2
goats1	.5000	0.49986	5220	4
goats2	.0836	0.27669	5220	4
goats3	.1148	0.31874	5220	4
goats4	.3016	0.45881	5220	4
sheep1	.5330	0.49858	5220	8
sheep2	.0491	0.21597	5220	8
sheep3	.0994	0.29898	5220	8
sheep4	.3185	0.46558	5220	8
chicks1	.5330	0.49858	5220	8
chicks2	.1485	0.35536	5220	8
chicks3	.2730	0.44521	5220	8
chicks4	.0455	0.20820	5220	8
pigs1	.9952	0.06905	5220	1
pigs2	.0040	0.06331	5220	1
pigs3	.0002	0.01384	5220	1
pigs4	.0006	0.02397	5220	1
hives1	.9958	0.06479	5220	2
hives2	.0017	0.04149	5220	2
hives3	.0011	0.03389	5220	2
hives4	.0013	0.03660	5220	2
lagr1	.2074	0.40065	5220	124
lagr2	.3880	0.48151	5220	124
lagr3	.4046	0.48500	5220	124

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

cattle2	0.06985	0.05971774	-0.081691918
cattle3	0.02359	0.13097574	-0.004249262
cattle4	0.01849	0.251817694	-0.001358292
dairy1	-0.07501	-0.04902515	0.114779119
dairy2	0.06580	0.106897793	-0.040499719
dairy3	0.02414	0.17635573	-0.003304734
dairy4	0.02225	0.283231175	-0.001747329
equine1	-0.05760	-0.03197456	0.103780729
equine2	0.02299	0.075688364	-0.006987349
equine3	0.02670	0.096646818	-0.007376098
equine4	0.04123	0.139733552	-0.012168463
goats1	-0.08046	-0.08047905	0.080479054
goats2	0.00600	0.019876322	-0.001812987
goats3	0.01732	0.048100289	-0.006240432
goats4	0.07200	0.109606627	-0.047326715
sheep1	-0.07043	-0.06597416	0.075298364
sheep2	0.00787	0.034663824	-0.001790545
sheep3	0.01327	0.039960036	-0.004409736
sheep4	0.06326	0.092592158	-0.043272236
chicks1	-0.07043	-0.06597416	0.075298364
chicks2	0.01595	0.038208317	-0.006663641
chicks3	0.05377	0.087803635	-0.032975606
chicks4	0.02647	0.1213435	-0.005780585
pigs1	-0.00104	-7.1816E-05	0.01492055
pigs2	0.00036	0.005733112	-2.31619E-05
pigs3	0.00156	0.112900661	-2.16368E-05
pigs4	0.00112	0.046572577	-2.67864E-05
hives1	-0.00805	-0.00052402	0.123763816
hives2	0.00782	0.188116623	-0.000325024
hives3	0.00321	0.094722834	-0.000109044
hives4	0.00242	0.065916763	-8.85468E-05
lagr1	-0.05773	-0.1142032	0.0298868
lagr2	-0.00862	-0.01096107	0.00694775
lagr3	0.05625	0.069050834	-0.046929077

Extraction Method: Principal Component Analysis.  
Component Scores.

Composite

Urban Area

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.740	.017		44.743	0.000
	Urban wealth score	-.662	.017	-.602	-40.020	.000

a. Dependent Variable: Common wealth score

$$\text{Combined Score} = 0.740 + -0.662 * \text{Urban Score}$$

Rural

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.400	.009		-44.389	0.000
	Rural wealth score	-.078	.009	-.119	-8.693	.000

a. Dependent Variable: Common wealth score

$$\text{Combined Score} = -0.400 + -0.078 * \text{Rural Score}$$

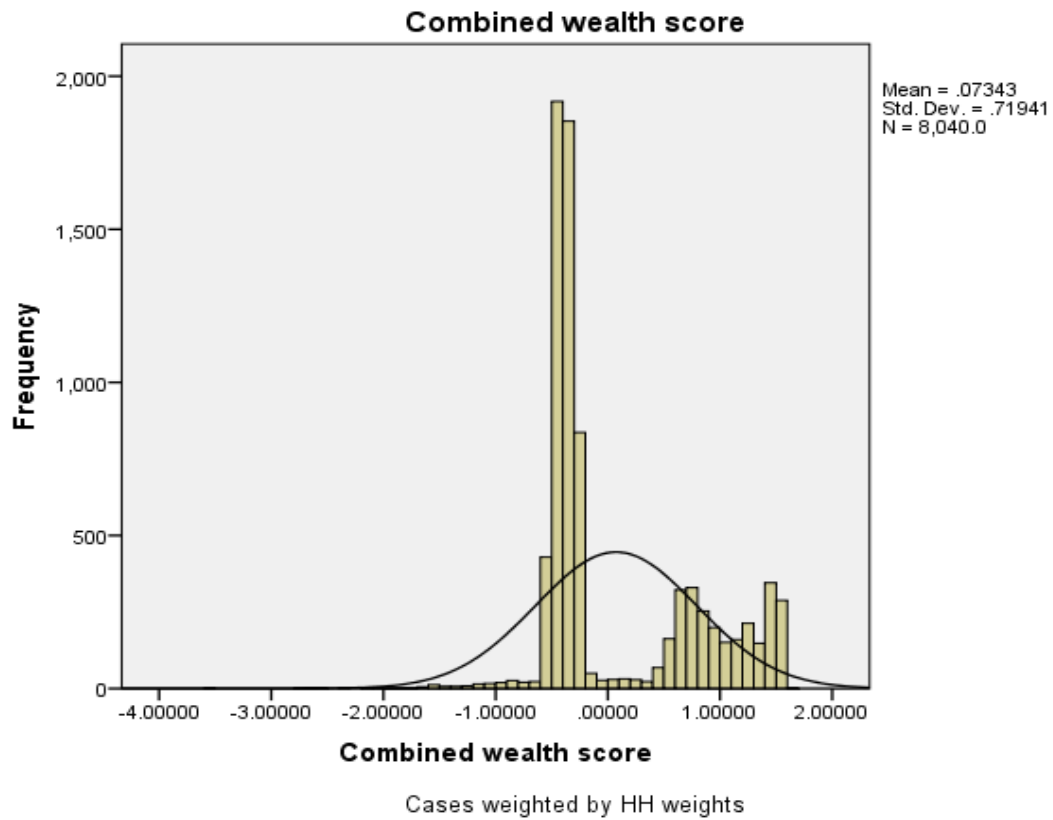
Combined Score

**Statistics**

Combined wealth score

N	Valid	33721
	Missing	0
Mean		-.0464268
Median		-.3585328
Mode		-.51410
Std. Deviation		.65480048
Skewness		1.059
Std. Error of Skewness		.013
Kurtosis		.216
Std. Error of Kurtosis		.027
Minimum		-3.56186
Maximum		1.61306
Percentiles	20	-.4596420
	40	-.3948231
	60	-.3120245
	80	.6874550

histrogram



**Report**

Mean

	Percentile Group of comb scor					Total
	1	2	3	4	5	
Has electricity	1.00	1.00	1.00	1.00	1.00	1.00
Has radio	.49	.44	.39	.38	.24	.37
Has television	1.00	.99	.98	.97	.99	.99
Has refrigerator	.81	.76	.72	.79	.87	.80
Has bicycle	.39	.32	.25	.22	.13	.24
Has motorcycle/scooter	.02	.02	.01	.02	.00	.01
Has car/truck	.64	.49	.41	.43	.40	.46
Number of rooms used for sleeping	2.45	2.31	2.23	2.08	1.68	2.10
Has telephone (land-line)	.11	.08	.10	.24	.57	.25
Share toilet with other households	.01	.01	.02	.06	.08	.04
Has mobile telephone	.99	.99	.97	.96	.94	.96
Has watch	.43	.33	.29	.40	.39	.37
Has animal-drawn cart	.34	.12	.04	.02	.01	.09
Has boat with a motor	.00	0.00	.00	.00	.00	.00
Owens land usable for agriculture	.94	.94	.82	.38	.09	.57
Owens livestock, beehives, herds or farm animals	1.00	1.00	.75	.13	.00	.50
Owens cattle	1.85	.85	.40	.03	0.00	.52
Owens cows/ bulls	2.56	1.53	.64	.05	.00	.80
Owens horses/ donkeys/ mules	1.70	.39	.05	.00	0.00	.35
Owens goats	4.72	1.52	.26	.05	0.00	1.07

Owns sheep	16.95	6.97	1.49	.27	0.00	4.21
Owns poultry	14.32	9.40	3.34	.75	0.00	4.66
Owns pigs	.03	.04	.04	.02	0.00	.02
Owns beehives	.10	.04	.06	.04	0.00	.04
Has bank account	.03	.02	.03	.06	.07	.04
Owns black and white television	.10	.08	.07	.07	.04	.07
Owns color television	.99	.98	.96	.95	.97	.97
Owns washing machine	.69	.61	.59	.67	.72	.66
Owns vacuum cleaner	.46	.35	.34	.49	.66	.48
Owns computer	.11	.09	.12	.20	.29	.18
Owns intercom	.02	.02	.02	.03	.03	.02
Owns camera	.24	.19	.19	.29	.35	.26
Owns video camera	.07	.05	.07	.11	.13	.09
Owns table	.92	.87	.84	.89	.95	.90
Owns chair	.69	.63	.60	.70	.75	.68
Owns sofa	.80	.75	.71	.78	.83	.78
Owns bed	.83	.79	.74	.75	.69	.75
Owns buffet	.93	.89	.85	.82	.84	.86
Owns air conditioner	.02	.02	.03	.07	.09	.05
Owns DVD	.91	.87	.77	.78	.76	.81
Owns dish	.40	.29	.24	.32	.25	.29
Owns freezer	.05	.04	.03	.04	.03	.04
Owns fan	.21	.19	.23	.28	.26	.24
Owns sewing machine	.77	.66	.60	.52	.28	.54
Owns carpet	.99	.99	.98	.97	.98	.98
Owns internet connection	.04	.05	.06	.08	.10	.07
Has heavy truck	.15	.06	.04	.02	.00	.05
Has tracktor	.08	.05	.02	.01	0.00	.03
Owns a dwelling	.61	.56	.49	.35	.24	.42
Owns agricultural land	.46	.44	.39	.19	.06	.28
Number of members per sleeping room	2.02	2.02	1.94	1.82	1.83	1.91
Piped into dwelling	.11	.10	.09	.23	.78	.31
Piped into yard/plot	.21	.26	.37	.49	.19	.30
Public tap / standpipe	.31	.33	.32	.17	.02	.21
Tube well or borehole	.03	.02	.02	.02	.00	.02
Protected well	.03	.04	.04	.01	.00	.02
Unprotected well	.01	.01	.01	.01	0.00	.01
Protected spring	.05	.03	.02	.01	0.00	.02
Unprotected spring	.04	.03	.01	.01	0.00	.02
Surface water-river, lake, dam, etc.	.18	.16	.11	.03	.00	.08
Water from tanker truck	.02	.01	.01	.01	.00	.01
Water from cart with small tank	.00	0.00	0.00	0.00	0.00	.00
Bottled water	0.00	0.00	0.00	.00	.00	.00
Other water source	.00	.00	.00	.00	0.00	.00
Flush toilet to sewer	.00	.00	.01	.06	.60	.18
Flush toilet to septic tank	.00	0.00	.00	.00	.01	.00
Flush toilet to pit latrine	0.00	.00	.00	.00	.01	.00
Flush toilet to elsewhere or don't know	.00	0.00	0.00	0.00	.00	.00
VIP Latrine	.03	.05	.05	.07	.03	.04
Pit latrine with slab	.96	.94	.91	.85	.35	.76
Traditional pit latrine (no slab)	.00	.01	.03	.02	.01	.01
Bucket latrine	0.00	0.00	0.00	0.00	.00	.00
No facility/bush/field	0.00	.00	0.00	0.00	0.00	.00
Shares latrine/toilet with other households	.01	.01	.02	.06	.08	.04

Shared Flush toilet to sewer	0.00	0.00	0.00	0.00	.06	.02
Shared Flush toilet to pit latrine	0.00	0.00	0.00	.00	0.00	.00
Shared VIP latrine	0.00	0.00	.00	.00	0.00	.00
Shared pit latrine with slab	.01	.01	.02	.06	.02	.02
Shared Traditional pit latrine	0.00	.00	0.00	.00	.00	.00
Earth, sand, dung floor	.03	.05	.06	.05	.01	.04
Rudimentary wood plank floor	.27	.31	.27	.20	.12	.22
Rudimentary cane floor	.00	.00	.00	.00	.00	.00
Polished wood floor	.60	.53	.55	.57	.35	.51
Vinyl linoleum floor	.08	.10	.09	.13	.50	.21
Ceramic tile floor	.00	.00	0.00	.00	.00	.00
Cement floor	.01	.00	.01	.03	.01	.01
Carpeted floor	.00	.00	.00	.00	.01	.00
Other type of flooring	.00	.00	.01	.01	.00	.00
No walls	0.00	0.00	.00	0.00	0.00	.00
Cane/palm/trunks/dirt walls	.13	.19	.21	.10	.01	.12
Stras walls with mud	.36	.38	.30	.28	.08	.26
Stone walls with mud	.01	.01	.01	.01	.00	.01
Uncovered adobe walls	.00	.00	.00	.00	.00	.00
Plywood walls	.00	.00	.00	.00	0.00	.00
Cardboard walls	0.00	0.00	.00	0.00	0.00	.00
Reused wood walls	.05	.02	.01	.02	.00	.02
Cement walls	.01	.03	.04	.08	.04	.04
Stone walls with lime/cement	.00	.00	.00	.01	.00	.00
Brick walls	.40	.35	.39	.42	.43	.40
Cement block walls	.01	.01	.02	.05	.04	.03
Covered adobe walls	.00	.01	.01	.01	.01	.01
Wood planks, shingles walls	.01	.00	.00	.00	.00	.00
Slag walls	.00	.01	.01	.01	.02	.01
Polymer cover walls	0.00	0.00	0.00	.00	.00	.00
Concrete walls	.00	.00	.00	.01	.36	.10
Other type of walls	.00	.00	0.00	.00	0.00	.00
No roof	0.00	0.00	0.00	.00	0.00	.00
Thatch, palm, sod roof	0.00	.00	.00	.00	0.00	.00
Mat roof	.00	.00	.00	.00	.00	.00
Wood planks roof	.00	0.00	.00	.00	.00	.00
Tar roof	.00	0.00	.00	.00	.06	.02
Metal roof	.10	.07	.06	.04	.04	.06
Wood roof	.01	.01	.01	.01	.00	.01
Calamine/cement fiber roof	.86	.89	.91	.91	.52	.79
Tile roof	.03	.02	.01	.03	.03	.02
Cement/Beton blocks roof	.00	.00	.00	.00	.35	.09
Roofing shingles roof	0.00	0.00	0.00	0.00	.00	.00
Other type of roof	0.00	0.00	0.00	.00	.00	.00
Electricity for cooking	.61	.55	.56	.76	.26	.53
LPG for cooking	.01	.02	.03	.06	.05	.04
Natural gas for cooking	.01	.01	.04	.07	.69	.21
Biogas for cooking	.00	0.00	.00	.00	.00	.00
Kerosene for cooking	0.00	0.00	0.00	.00	0.00	.00
Coal/lignite for cooking	.01	.00	.00	.01	.00	.00
Charcoal for cooking	.01	.01	.01	.00	0.00	.01
Wood for cooking	.12	.15	.14	.05	.00	.08
Straw/shrubs/grass for cooking	.02	.05	.07	.02	.00	.03
Ag. crops for cooking	.02	.08	.10	.02	.00	.04
Dung for cooking	.19	.12	.05	.01	.00	.06
Does not cook	0.00	0.00	0.00	0.00	.00	.00

landarea	1.90	1.33	.84	.24	.05	.74
lagr1	.03	.10	.25	.76		.27
lagr2	.31	.52	.54	.20		.41
lagr3	.66	.38	.21	.04		.32
cattle1	.04	.14	.58	.97	1.00	.62
cattle2	.86	.83	.41	.03	.00	.36
cattle3	.08	.02	.01	.00	0.00	.02
cattle4	.02	.00	0.00	0.00	0.00	.00
dairy1	.26	.72	.96	1.00	1.00	.83
dairy2	.68	.27	.04	.00	0.00	.16
dairy3	.04	.00	.00	0.00	0.00	.01
dairy4	.02	0.00	0.00	0.00	0.00	.00
equine1	.48	.75	.95	.99	1.00	.87
equine2	.14	.12	.03	.00	0.00	.05
equine3	.16	.07	.01	.00	0.00	.04
equine4	.21	.06	.01	.00	0.00	.05
goats1	.08	.31	.77	.97	1.00	.69
goats2	.06	.16	.10	.01	0.00	.06
goats3	.16	.22	.08	.01	0.00	.08
goats4	.70	.31	.05	.01	0.00	.18
sheep1	.18	.28	.70	.93	1.00	.68
sheep2	.04	.08	.05	.01	0.00	.03
sheep3	.10	.16	.10	.02	0.00	.07
sheep4	.67	.48	.15	.04	0.00	.22
chicks1	.18	.28	.70	.93	1.00	.68
chicks2	.15	.24	.15	.03	0.00	.10
chicks3	.56	.42	.13	.03	0.00	.19
chicks4	.11	.05	.02	.00	0.00	.03
pigs1	.99	.99	.99	1.00	1.00	.99
pigs2	.01	.01	.01	.00	0.00	.00
pigs3	.00	0.00	.00	.00	0.00	.00
pigs4	.00	.00	.00	.00	0.00	.00
hives1	.99	1.00	1.00	1.00	1.00	1.00
hives2	.01	0.00	.00	0.00	0.00	.00
hives3	.00	.00	0.00	0.00	0.00	.00
hives4	.00	.00	.00	.00	0.00	.00