

Common

**Descriptive Statistics**

	Std.		Analysis N <sup>a</sup>	Missing N
	Mean	Deviation <sup>a</sup>		
Electricity	.1740	.37907	4766	3
Radio	.6279	.48322	4766	4
Television	.1026	.30316	4766	9
Mobile telephone	.5642	.49566	4766	5
Telephone (non-mobile)	.0029	.05412	4766	7
Refrigerator	.0210	.14334	4766	4
Computer	.0286	.16651	4766	5
Watch	.1682	.37393	4766	4
Bicycle	.1332	.33961	4766	5
Motorcycle or Scooter	.0181	.13312	4766	6
Car or Truck	.0160	.12528	4766	5
Boat without a motor	.0004	.02048	4766	5
Bank account	.4552	.49778	4766	5
Number of members per sleeping room	1.9336	1.04415	4766	10
Piped into dwelling	.0036	.05962	4766	0
Piped into yard/plot	.0888	.28442	4766	0
Public tap / standpipe	.2558	.43634	4766	0
Tube well or borehole	.0197	.13906	4766	0
Protected dug well	.0153	.12282	4766	0
Unprotected dug well	.0141	.11774	4766	0
Protected Spring	.4106	.49200	4766	0
Unprotected Spring	.1076	.30995	4766	0
Water from rain	.0099	.09882	4766	0
Water from cart with small tank	.0019	.04342	4766	0
Surface water-river, lake, dam, etc.	.0713	.25742	4766	0
Water from bottle	.0015	.03830	4766	0
Other water source	.0019	.04342	4766	0
Flush toilet to septic tank	.0092	.09565	4766	0
Flush toilet to pit latrine	.0084	.09124	4766	0
Flush toilet to elsewhere	.0002	.01449	4766	0
Traditional pit latrine	.3305	.47043	4766	0
Pit latrine with slab	.6206	.48528	4766	0
VIP latrine	.0036	.05962	4766	0
Composting toilet/ecosan	.0031	.05602	4766	0
Bucket toilet	.0002	.01449	4766	0
No facility/bush/field	.0233	.15084	4766	0
Shares latrine/toilet with other households	.2239	.41688	4766	0
Earth, sand, dung floor	.7753	.41744	4766	0
Rudimentary wood plank, palm, bamboo floor	.0002	.01449	4766	0
Cement floor	.2117	.40856	4766	0
Ceramic tile floor	.0120	.10872	4766	0
Carpeted floor	.0002	.01449	4766	0
Other type of flooring	.0004	.02048	4766	0

**Component Score Coefficient Matrix**

	Component	Sum over each variable	
		1	
		If has	If does not have
Electricity	.110	0.240182662	-0.050612971
Radio	.041	0.031878289	-0.053790115
Television	.106	0.314389669	-0.035938664
Mobile telephone	.066	0.057890626	-0.074936975
Telephone (non-mobile)	.011	0.205781294	-0.000607152
Refrigerator	.069	0.470911087	-0.010101053
Computer	.075	0.43925856	-0.012916576
Watch	.046	0.102421154	-0.020711776
Bicycle	.009	0.021844211	-0.003355762
Motorcycle or Scooter	.028	0.20576247	-0.003785959
Car or Truck	.064	0.506039599	-0.008208967
Boat without a motor	-.002	-0.081942687	3.44369E-05
Bank account	.061	0.067288502	-0.056212098
Number of members per sleeping room	-.021		
Piped into dwelling	.029	0.482748243	-0.001728094
Piped into yard/plot	.098	0.31356571	-0.030540708
Public tap / standpipe	.011	0.018996369	-0.006528496
Tube well or borehole	-.002	-0.015041826	0.000302639
Protected dug well	-.009	-0.0682136	0.001061068
Unprotected dug well	-.006	-0.053375753	0.00076105
Protected Spring	-.046	-0.054943828	0.038278772
Unprotected Spring	-.023	-0.064830194	0.007819866
Water from rain	-.002	-0.021207311	0.000211219
Water from cart with small tank	.006	0.128070141	-0.000242302
Surface water-river, lake, dam, etc.	-.014		
Water from bottle	.020	-0.050074332	0.00384665
Other water source	.006	0.517208002	-0.00076076
Flush toilet to septic tank	.051	0.128070141	-0.000242302
Flush toilet to pit latrine	.029	0.527738755	-0.004917515
Flush toilet to elsewhere	.009	0.311490424	-0.002636398
Traditional pit latrine	-.049	0.590494876	-0.000123923
Pit latrine with slab	.037	-0.070157741	0.034628155
VIP latrine	.002	0.02881004	-0.047135009
Composting toilet/ecosan	-.004	0.026229776	-9.38948E-05
Bucket toilet	-.001	-0.07879541	0.000248775
No facility/bush/field	-.014	-0.101741392	2.13518E-05
Shares latrine/toilet with other households	.029	-0.090067512	0.002147689
Earth, sand, dung floor	-.109	0.054527126	-0.015728695
Rudimentary wood plank, palm, bamboo floor	.001	-0.058834242	0.202980881
Cement floor	.098	0.054570158	-1.14523E-05
Ceramic tile floor	.051	0.188842862	-0.050716648
Carpeted floor	.007	0.461717439	-0.00558885
Other type of flooring	.000	0.448677448	-9.41611E-05
		0.001149025	-4.82378E-07

No walls	.0002	.01449	4766	0
Cane/palm/trunks/dirt walls	.4175	.49321	4766	0
Bamboo with mud walls	.0071	.08417	4766	0
Stone with mud walls	.0019	.04342	4766	0
Uncovered adobe walls	.0995	.29930	4766	0
Reused wood walls	.0136	.11600	4766	0
Cement walls	.0919	.28892	4766	0
Stone walls with lime cement	.0107	.10290	4766	0
Brick walls	.0355	.18496	4766	0
Cement block walls	.0082	.09010	4766	0
Covered adobe walls	.3053	.46058	4766	0
Wood planks, shingles walls	.0082	.09010	4766	0
Other type of walls	.0004	.02048	4766	0
No roof	.0006	.02508	4766	0
Thatch/palm/sod roof	.0017	.04094	4766	0
Rustic mat / plastic roof	.0002	.01449	4766	0
Cardboard roof	.0006	.02508	4766	0
Iron sheet roof	.6013	.48967	4766	0
Wood roof	.3922	.48828	4766	0
Calamine / cement fiber roof	.0004	.02048	4766	0
Ceramic tile roof	.0023	.04799	4766	0
Other type of roof	.0004	.02048	4766	0
Electricity for cooking	.0004	.02048	4766	0
LPG for cooking	.0008	.02896	4766	0
Natural gas for cooking	.0013	.03546	4766	0
Biogas for cooking	.0006	.02508	4766	0
Kerosene for cooking	.0017	.04094	4766	0
Coal/lignite for cooking	.0010	.03238	4766	0
Charcoal for cooking	.1402	.34719	4766	0
Wood for cooking	.8101	.39225	4766	0
Straw, shrubs, grass for cooking	.0300	.17062	4766	0
Agricultural crop for cooking	.0006	.02508	4766	0
Dung for cooking	.0004	.02048	4766	0
Does not cook	.0128	.11242	4766	0

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

No walls	-.002	-0.123816016	2.59845E-05
Cane/palm/trunks/dirt walls	-.053	-0.062900042	0.045090448
Bamboo with mud walls	-.006	-0.069301943	0.000497943
Stone with mud walls	-.003	-0.068516246	0.000129629
Uncovered adobe walls	-.023	-0.070592342	0.007796079
Reused wood walls	-.007	-0.056103747	0.000775738
Cement walls	.062	0.196222063	-0.019857963
Stone walls with lime cement	.005	0.048992119	-0.000529925
Brick walls	.035	0.18020742	-0.006624985
Cement block walls	.033	0.364722423	-0.003009134
Covered adobe walls	.015	0.023169863	-0.010181864
Wood planks, shingles walls	-.003	-0.037111615	0.000306188
Other type of walls	.000	-0.006280759	2.63676E-06
No roof	-.002	-0.071281514	4.4897E-05
Thatch/palm/sod roof	-.004	-0.108995104	0.000183262
Rustic mat / plastic roof	-.001	-0.068011487	1.42731E-05
Cardboard roof	-.002	-0.091666578	5.77367E-05
Iron sheet roof	.056	0.045556691	-0.068718672
Wood roof	-.057	-0.071382006	0.046052112
Calamine / cement fiber roof	-.001	-0.063376727	2.66065E-05
Ceramic tile roof	.021	0.430119842	-0.00099502
Other type of roof	-.002	-0.111038413	4.66156E-05
Electricity for cooking	.003	0.136901507	-5.74733E-05
LPG for cooking	.012	0.430733014	-0.000361808
Natural gas for cooking	.019	0.54172707	-0.000682849
Biogas for cooking	.007	0.277844769	-0.000175002
Kerosene for cooking	.011	0.269881252	-0.000453773
Coal/lignite for cooking	.004	0.123250247	-0.000129437
Charcoal for cooking	.106	0.262396062	-0.042772223
Wood for cooking	-.102	-0.049299235	0.210325245
Straw, shrubs, grass for cooking	-.004	-0.021614352	0.000668582
Agricultural crop for cooking	-.001	-0.04528759	2.85246E-05
Dung for cooking	.000	0.002109636	-8.85657E-07
Does not cook	.018	0.154595729	-0.002004323

Extraction Method: Principal Component Analysis.



Urban

**Descriptive Statistics**

	Std.		Analysis N <sup>a</sup>	Missing N
	Mean	Deviation <sup>a</sup>		
Electricity	.50	0.50000	1196	1
Radio	.74	0.43593	1196	2
Television	.34	0.47209	1196	2
Mobile telephone	.81	0.39020	1196	3
Telephone (non-mobile)	.01	0.07068	1196	3
Refrigerator	.08	0.27049	1196	3
Computer	.10	0.30053	1196	3
Watch	.26	0.43593	1196	2
Bicycle	.11	0.31345	1196	2
Motorcycle or Scooter	.03	0.17987	1196	2
Car or Truck	.06	0.23483	1196	2
Local cows	.26	0.99961	1196	1
Mil cows	.16	1.48046	1196	1
Bulls	.07	0.43083	1196	1
Sheep	.02	0.17769	1196	1
Goats	.41	1.37538	1196	1
Chickens	.58	2.14211	1196	1
Pigs	.06	0.33941	1196	1
Rabbits	.09	0.58272	1196	1
Bank account	.64	0.48092	1196	1
Number of members per sleeping room	1.8744	1.06018	1196	2
Piped into dwelling	.0134	0.11493	1196	0
Piped into yard/plot	.3261	0.46898	1196	0
Public tap / standpipe	.3085	0.46208	1196	0
Tube well or borehole	.0075	0.08646	1196	0
Protected dug well	.0033	0.05776	1196	0
Unprotected dug well	.0042	0.06455	1196	0
Protected Spring	.2609	0.43929	1196	0
Unprotected Spring	.0184	0.13443	1196	0
Water from rain	.0017	0.04088	1196	0
Water from cart with small tank	.0042	0.06455	1196	0
Surface water-river, lake, dam, etc.	.0460	0.20954	1196	0
Water from bottle	.0059	0.07631	1196	0
Other water source	.0042	0.06455	1196	0
Flush toilet to septic tank	.0360	0.18625	1196	0
Flush toilet to pit latrine	.0226	0.14861	1196	0
Flush toilet to elsewhere	.0008	0.02892	1196	0
Traditional pit latrine	.2090	0.40679	1196	0
Pit latrine with slab	.7124	0.45284	1196	0
VIP latrine	.0042	0.06455	1196	0
Composting toilet/ecosan	.0017	0.04088	1196	0
No facility/bush/field	.0125	0.11133	1196	0
Shares latrine/toilet with other households	.3746	0.48422	1196	0
Earth, sand, dung floor	.4574	0.49839	1196	0
Cement floor	.4941	0.50017	1196	0

**Component Score Coefficient Matrix**

	Component		Sum over each variable	
	1		If has	If does not have
Electricity	0.10577		0.10586256	-0.105685532
Radio	0.03708		0.021726316	-0.06332687
Television	0.09767		0.13740796	-0.069483723
Mobile telephone	0.06391		0.03075461	-0.133041146
Telephone (non-mobile)	0.01246		0.17539456	-0.000886577
Refrigerator	0.05825		0.198207918	-0.017149137
Computer	0.06428		0.192364544	-0.021513276
Watch	0.05244		0.089558063	-0.030725769
Bicycle	-0.00906		-0.025716564	0.003196409
Motorcycle or Scooter	0.01598		0.08587922	-0.002976749
Car or Truck	0.05334		0.213845607	-0.013317787
Local cows	-0.01748			
Mil cows	0.01154			
Bulls	-0.00215			
Sheep	-0.00608			
Goats	-0.02288			
Chickens	-0.01242			
Pigs	-0.02012			
Rabbits	-0.01009			
Bank account	0.06731		0.050829709	-0.089127669
Number of members per sleeping room	-0.02358			
Piped into dwelling	0.02303		0.197676309	-0.002680357
Piped into yard/plot	0.09193		0.13209742	-0.063918106
Public tap / standpipe	-0.02130		-0.031874325	0.014222039
Tube well or borehole	-0.00741		-0.085025724	0.000644677
Protected dug well	-0.00638		-0.110171864	0.000369704
Unprotected dug well	-0.00784		-0.120922596	0.000507652
Protected Spring	-0.06374		-0.107244273	0.03785092
Unprotected Spring	-0.01733		-0.126555395	0.002371566
Water from rain	-0.00431		-0.105371311	0.000176501
Water from cart with small tank	-0.00037		-0.005687049	2.38751E-05
Surface water-river, lake, dam, etc.	-0.02402			
Water from bottle	0.01524		-0.109361997	0.005271612
Other water source	-0.00037		0.19855183	-0.001168934
Flush toilet to septic tank	0.04059		-0.005687049	2.38751E-05
Flush toilet to pit latrine	0.02945		0.210081834	-0.007834795
Flush toilet to elsewhere	0.00742		0.19372231	-0.004474339
Traditional pit latrine	-0.06497		0.256448836	-0.000214602
Pit latrine with slab	0.03591		-0.126335676	0.033386806
VIP latrine	0.00258		0.022805576	-0.056483578
Composting toilet/ecosan	-0.00546		0.039772186	-0.00016697
No facility/bush/field	-0.01663		-0.133330547	0.000223334
Shares latrine/toilet with other households	0.03150		-0.14751363	0.001873585
Earth, sand, dung floor	-0.10386		0.040684925	-0.024367441
Cement floor	0.08646		-0.113086827	0.095313551

Ceramic tile floor	.0468	0.21135	1196	0
Carpeted floor	.0008	0.02892	1196	0
Other type of flooring	.0008	0.02892	1196	0
Cane/palm/trunks/dirt walls	.2182	0.41322	1196	0
Bamboo with mud walls	.0008	0.02892	1196	0
Stone with mud walls	.0017	0.04088	1196	0
Uncovered adobe walls	.0502	0.21838	1196	0
Reused wood walls	.0234	0.15127	1196	0
Cement walls	.2065	0.40498	1196	0
Stone walls with lime cement	.0142	0.11842	1196	0
Brick walls	.0778	0.26790	1196	0
Cement block walls	.0284	0.16626	1196	0
Covered adobe walls	.3788	0.48528	1196	0
Cardboard roof	.0008	0.02892	1196	0
Iron sheet roof	.8353	0.37108	1196	0
Wood roof	.1555	0.36255	1196	0
Calamine / cement fiber roof	.0008	0.02892	1196	0
Ceramic tile roof	.0067	0.08155	1196	0
Electricity for cooking	.0008	0.02892	1196	0
LPG for cooking	.0033	0.05776	1196	0
Natural gas for cooking	.0050	0.07068	1196	0
Biogas for cooking	.0017	0.04088	1196	0
Kerosene for cooking	.0059	0.07631	1196	0
Coal/lignite for cooking	.0008	0.02892	1196	0
Charcoal for cooking	.4490	0.49760	1196	0
Wood for cooking	.4933	0.50016	1196	0
Straw, shrubs, grass for cooking	.0033	0.05776	1196	0
Does not cook	.0368	0.18832	1196	0
landarea	1.1018	8.64584	1196	0

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

Ceramic tile floor	0.03986	0.179747336	-0.008829694
Carpeted floor	0.00562	0.194239474	-0.000162543
Other type of flooring	-0.00239	-0.082445957	6.89924E-05
Cane/palm/trunks/dirt walls	-0.05613	-0.106196684	0.029644208
Bamboo with mud walls	-0.00676	-0.233633237	0.000195509
Stone with mud walls	-0.00566	-0.138325726	0.000231701
Uncovered adobe walls	-0.03090	-0.134395873	0.007098374
Reused wood walls	-0.01932	-0.124754275	0.002990685
Cement walls	0.04672	0.091539245	-0.023825283
Stone walls with lime cement	-0.00102	-0.00850644	0.000122654
Brick walls	0.03169	0.109105669	-0.009199299
Cement block walls	0.02615	0.152811782	-0.004471257
Covered adobe walls	0.00341	0.004363089	-0.002660134
Cardboard roof	-0.00458	-0.158308088	0.000132475
Iron sheet roof	0.05430	0.024104599	-0.122236012
Wood roof	-0.05876	-0.136875714	0.025206815
Calamine / cement fiber roof	-0.00393	-0.135939235	0.000113757
Ceramic tile roof	0.01915	0.233309536	-0.001571108
Electricity for cooking	0.00398	0.137519313	-0.000115079
LPG for cooking	0.00979	0.169004088	-0.000567128
Natural gas for cooking	0.01453	0.204587515	-0.001031534
Biogas for cooking	0.00560	0.136711974	-0.000228998
Kerosene for cooking	0.00809	0.105382625	-0.000620419
Coal/lignite for cooking	-0.00239	-0.082445957	6.89924E-05
Charcoal for cooking	0.09691	0.107305085	-0.087439803
Wood for cooking	-0.10502	-0.106386813	0.10357792
Straw, shrubs, grass for cooking	-0.00580	-0.100134349	0.000336021
Does not cook	0.01145	0.058550213	-0.002236293
landarea	0.00664		

Extraction Method: Principal Component Analysis.



Rural

**Descriptive Statistics**

	Std.		Analysis	
	Mean	Deviation <sup>a</sup>	N <sup>a</sup>	Missing N
Electricity	.07	0.24653	3570	2
Radio	.59	0.49197	3570	2
Television	.02	0.15421	3570	7
Mobile telephone	.48	0.49958	3570	2
Telephone (non-mobile)	.00	0.04729	3570	4
Refrigerator	.00	0.03740	3570	1
Computer	.00	0.06681	3570	2
Watch	.14	0.34591	3570	2
Bicycle	.14	0.34765	3570	3
Motorcycle or Scooter	.01	0.11279	3570	4
Car or Truck	.00	0.04097	3570	3
Boat without a motor	.00	0.02367	3570	3
Local cows	.40	0.93693	3570	0
Mil cows	.10	0.53357	3570	1
Bulls	.10	0.33395	3570	1
Horses, donkeys and mules	.00	0.01674	3570	1
Sheep	.18	0.70906	3570	1
Goats	.61	1.63558	3570	1
Chickens	.62	1.60370	3570	2
Pigs	.27	0.67789	3570	1
Rabbits	.18	0.89967	3570	5
Bank account	.39	0.48849	3570	4
Number of members per sleeping room	1.9534	1.03812	3570	8
Piped into dwelling	.0003	0.01674	3570	0
Piped into yard/plot	.0092	0.09571	3570	0
Public tap / standpipe	.2381	0.42598	3570	0
Tube well or borehole	.0238	0.15248	3570	0
Protected dug well	.0193	0.13769	3570	0
Unprotected dug well	.0174	0.13065	3570	0
Protected Spring	.4608	0.49853	3570	0
Unprotected Spring	.1375	0.34446	3570	0
Water from rain	.0126	0.11158	3570	0
Water from cart with small tank	.0011	0.03346	3570	0
Surface water-river, lake, dam, etc.	.0798	0.27107	3570	0
Other water source	.0011	0.03346	3570	0
Flush toilet to septic tank	.0003	0.01674	3570	0
Flush toilet to pit latrine	.0036	0.06024	3570	0
Traditional pit latrine	.3711	0.48318	3570	0
Pit latrine with slab	.5899	0.49192	3570	0

**Component Score Coefficient Matrix**

	Component	Sum over each variable	
	1	If has	If does not have
Electricity	0.12126	0.45986432	-0.031980972
Radio	0.07636	0.063814685	-0.091393765
Television	0.11193	0.708083958	-0.01772247
Mobile telephone	0.10188	0.105796387	-0.098137437
Telephone (non-mobile)	0.01434	0.3025533	-0.000680277
Refrigerator	0.05426	1.448590412	-0.002032254
Computer	0.07816	1.164699532	-0.005246394
Watch	0.05012	0.124738996	-0.02014015
Bicycle	0.06877	0.169971905	-0.027838792
Motorcycle or Scooter	0.08286	0.725096302	-0.00947569
Car or Truck	0.06705	1.633836066	-0.002752883
Boat without a motor	0.00095	0.040185488	-2.25445E-05
Local cows	0.05016		
Mil cows	0.05981		
Bulls	0.02874		
Horses, donkeys and mules	-0.00031		
Sheep	0.02080		
Goats	0.03812		
Chickens	0.05506		
Pigs	0.00478		
Rabbits	0.00984		
Bank account	0.09095	0.112781647	-0.073412498
Number of members per sleeping room	-0.03427		
Piped into dwelling	0.01328	0.793132704	-0.000222228
Piped into yard/plot	0.06780	0.701819586	-0.006547935
Public tap / standpipe	0.05608	0.100307498	-0.031346093
Tube well or borehole	0.01722	0.110266053	-0.002689416
Protected dug well	-0.00729	-0.05189649	0.00102281
Unprotected dug well	-0.00576	-0.04331976	0.000765629
Protected Spring	-0.04324	-0.04677148	0.039968353
Unprotected Spring	-0.02409	-0.06030791	0.009617143
Water from rain	0.00533	0.04719037	-0.00060243
Water from cart with small tank	0.02084	0.62229877	-0.000698036
Surface water-river, lake, dam, etc.	-0.01073	-0.03643153	0.003160726
Other water source	0.02084	0.62229877	-0.000698036
Flush toilet to septic tank	0.04229	2.526368297	-0.000707864
Flush toilet to pit latrine	0.00217	0.035888207	-0.000131163
Traditional pit latrine	-0.06756	-0.08792836	0.051895357
Pit latrine with slab	0.07373	0.061464934	-0.088418818

VIP latrine	.0034	0.05789	3570	0
Composting toilet/ecosan	.0036	0.06024	3570	0
Bucket toilet	.0003	0.01674	3570	0
No facility/bush/field	.0269	0.16179	3570	0
Shares latrine/toilet with other households	.1734	0.37864	3570	0
Earth, sand, dung floor	.8818	0.32290	3570	0
Rudimentary wood plank, palm, bamboo floor	.0003	0.01674	3570	0
Cement floor	.1171	0.32157	3570	0
Ceramic tile floor	.0003	0.01674	3570	0
Other type of flooring	.0003	0.01674	3570	0
No walls	.0003	0.01674	3570	0
Cane/palm/trunks/dirt walls	.4843	0.49982	3570	0
Bamboo with mud walls	.0092	0.09571	3570	0
Stone with mud walls	.0020	0.04424	3570	0
Uncovered adobe walls	.1160	0.32023	3570	0
Reused wood walls	.0104	0.10129	3570	0
Cement walls	.0535	0.22506	3570	0
Stone walls with lime cement	.0095	0.09714	3570	0
Brick walls	.0213	0.14436	3570	0
Cement block walls	.0014	0.03740	3570	0
Covered adobe walls	.2807	0.44939	3570	0
Wood planks, shingles walls	.0109	0.10396	3570	0
Other type of walls	.0006	0.02367	3570	0
No roof	.0008	0.02898	3570	0
Thatch/palm/sod roof	.0022	0.04729	3570	0
Rustic mat / plastic roof	.0003	0.01674	3570	0
Cardboard roof	.0006	0.02367	3570	0
Iron sheet roof	.5230	0.49954	3570	0
Wood roof	.4714	0.49925	3570	0
Calamine / cement fiber roof	.0003	0.01674	3570	0
Ceramic tile roof	.0008	0.02898	3570	0
Other type of roof	.0006	0.02367	3570	0
Electricity for cooking	.0003	0.01674	3570	0
Biogas for cooking	.0003	0.01674	3570	0
Kerosene for cooking	.0003	0.01674	3570	0
Coal/lignite for cooking	.0011	0.03346	3570	0
Charcoal for cooking	.0367	0.18804	3570	0
Wood for cooking	.9162	0.27706	3570	0
Straw, shrubs, grass for cooking	.0389	0.19347	3570	0
Agricultural crop for cooking	.0008	0.02898	3570	0
Dung for cooking	.0006	0.02367	3570	0
Does not cook	.0048	0.06885	3570	0
landarea	1.6120	10.47605	3570	0

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

VIP latrine	0.00086	0.014876647	-5.01742E-05
Composting toilet/ecosan	-0.00850	-0.1405612	0.000513718
Bucket toilet	-0.00325	-0.19432465	5.44479E-05
No facility/bush/field	-0.02394	-0.14397166	0.003978491
Shares latrine/toilet with other households	-0.00547	-0.01195179	0.002507
Earth, sand, dung floor	-0.15728	-0.05757728	0.429510124
Rudimentary wood plank, palm, bamboo floor	0.00467		
Cement floor	0.15636	0.278725049	-7.80961E-05
Ceramic tile floor	0.02084	0.429303947	-0.056931805
Other type of flooring	0.00004	1.244578936	-0.000348719
No walls	-0.00343	0.002552751	-7.15257E-07
Cane/palm/trunks/dirt walls	-0.07021	-0.20499692	5.74382E-05
Bamboo with mud walls	-0.00760	-0.07244328	0.068036085
Stone with mud walls	-0.00263	-0.07864919	0.000733792
Uncovered adobe walls	-0.03090	-0.05937928	0.000116659
Reused wood walls	-0.00792	-0.08530851	0.01119066
Cement walls	0.11281	-0.07737287	0.000810302
Stone walls with lime cement	0.01711	0.474436763	-0.026817822
Brick walls	0.02445	0.174414487	-0.001677062
Cement block walls	0.02564	0.165771054	-0.003605781
Covered adobe walls	0.03329	0.684467639	-0.000959983
Wood planks, shingles walls	0.00157	0.053291971	-0.02079383
Other type of walls	0.00120	0.014947572	-0.000165096
No roof	-0.00257	0.050532163	-2.83252E-05
Thatch/palm/sod roof	-0.00782	-0.08856163	7.44841E-05
Rustic mat / plastic roof	-0.00176	-0.16489568	0.000370344
Cardboard roof	-0.00415	-0.10514167	2.94597E-05
Iron sheet roof	0.06259	-0.1753308	9.82796E-05
Wood roof	-0.06106	0.059765968	-0.065521469
Calamine / cement fiber roof	-0.00044	-0.06464527	0.05765659
Ceramic tile roof	-0.00289	-0.02627859	7.36301E-06
Other type of roof	-0.00496	-0.09970891	8.38595E-05
Electricity for cooking	-0.00116	-0.20950904	0.000117438
Biogas for cooking	0.00823	-0.06943423	1.94548E-05
Kerosene for cooking	0.01276	0.491723298	-0.000137776
Coal/lignite for cooking	0.02088	0.762248244	-0.000213575
Charcoal for cooking	0.10501	0.623349904	-0.000699215
Wood for cooking	-0.08058	0.537949706	-0.020491832
Straw, shrubs, grass for cooking	0.00563	-0.02435993	0.266492773
Agricultural crop for cooking	-0.00143	0.027945442	-0.001132153
Dung for cooking	0.00201	-0.04924954	4.1421E-05
Does not cook	0.00662	0.084874167	-4.75752E-05
landarea	-0.00830	0.095622036	-0.000457522

Extraction Method: Principal Component Analysis.





Combined Scores

Urban Area

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.982	.006		152.490	0.000
	REGR factor score 1 for analysis	1.348	.006	.987	209.373	0.000

a. Dependent Variable: REGR factor score 1 for analysis

$$\text{Combined Score} = 0.982 + 1.348 * \text{Urban Score}$$

Rural

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.329	.002		-155.681	0.000
	REGR factor score 1 for analysis	.513	.002	.971	242.749	0.000

a. Dependent Variable: REGR factor score 1 for analysis

$$\text{Combined Score} = -0.329 + 0.513 * \text{Rural Score}$$

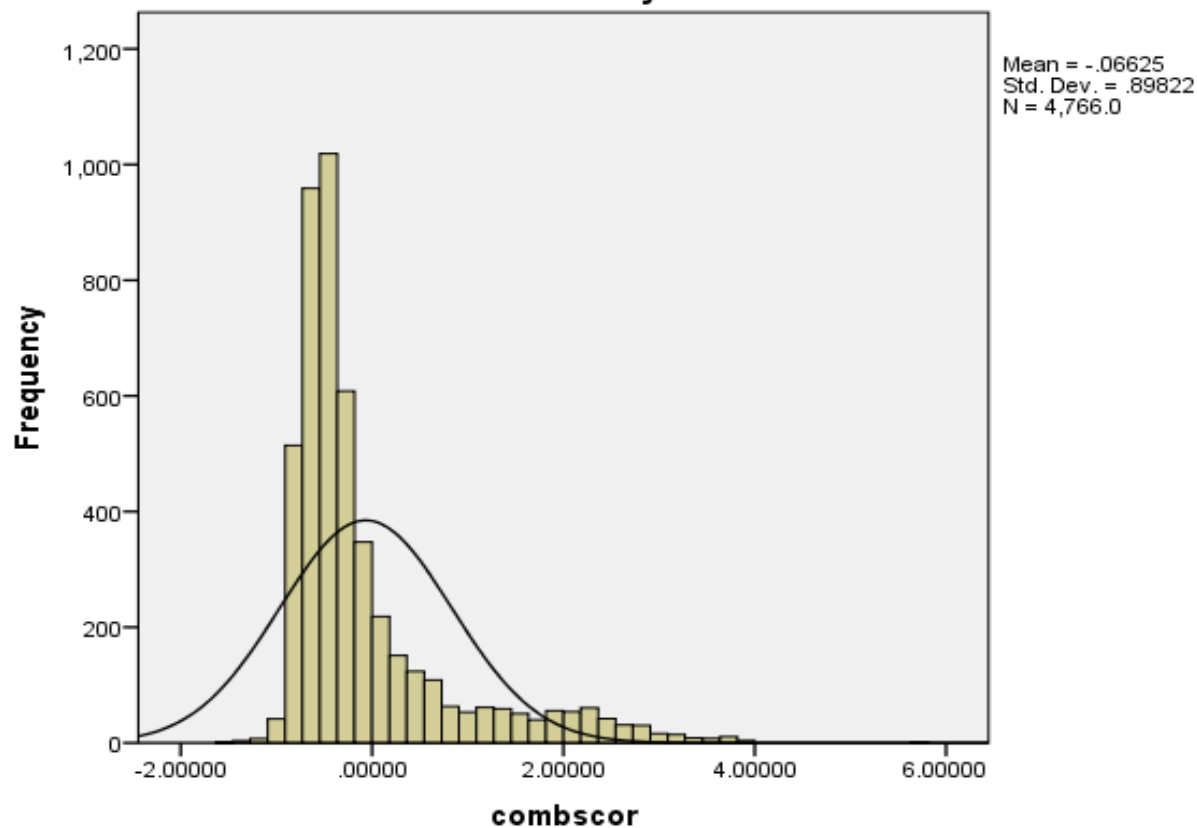
Combined Score

**Statistics**

combscor

N	Valid	4766
	Missing	0
Mean		-.0662501
Std. Error of Mean		.01301087
Median		-.3988338
Mode		-.60941
Std. Deviation		.89822123
Skewness		2.024
Std. Error of Skewness		.035
Kurtosis		3.941
Std. Error of Kurtosis		.071
Minimum		-1.50053
Maximum		5.72208
Percentiles	20	-.6474867
	40	-.4842434
	60	-.2906485
	80	.2811377

## Distribution of Households by Wealth Scores Rwanda 2010



Cases weighted by HH weights

### Report

Mean

	Percentile Group of combscor					Total
	1	2	3	4	5	
Electricity	.00	.00	.01	.10	.66	.15
Radio	.27	.53	.74	.79	.86	.62
Television	0.00	.00	.00	.02	.40	.08
Mobile telephone	.13	.33	.65	.78	.97	.56
Telephone (non-mobile)	0.00	0.00	.00	.00	.01	.00
Refrigerator	0.00	0.00	0.00	0.00	.08	.02
Computer	0.00	0.00	0.00	0.00	.11	.02
Watch	.05	.10	.15	.19	.34	.16
Bicycle	.02	.05	.15	.30	.22	.14
Motorcycle or Scooter	0.00	.00	0.00	.01	.08	.02
Car or Truck	0.00	0.00	0.00	0.00	.06	.01
Boat without a motor	0.00	.00	0.00	.00	0.00	.00
Local cows	.22	.31	.40	.51	.47	.37
Mil cows	.03	.04	.06	.15	.30	.11
Bulls	.04	.07	.12	.11	.11	.09
Horses, donkeys and mules	0.00	0.00	.00	0.00	0.00	.00
Sheep	.08	.13	.14	.20	.13	.13
Goats	.32	.53	.72	.81	.56	.58
Chickens	.22	.31	.75	1.12	.81	.62
Pigs	.18	.25	.31	.28	.09	.22

Rabbits	.08	.13	.18	.29	.12	.16
Bank account	.11	.26	.48	.61	.82	.44
Number of members per sleeping room	2.1747	1.9840	1.8987	1.8248	1.6829	1.9209
Piped into dwelling	0.0000	0.0000	0.0000	0.0000	.0138	.0027
Piped into yard/plot	0.0000	0.0000	.0013	.0108	.3322	.0668
Public tap / standpipe	.0993	.1963	.2578	.3927	.3911	.2616
Tube well or borehole	.0052	.0175	.0204	.0473	.0208	.0216
Protected dug well	.0273	.0179	.0153	.0154	.0044	.0164
Unprotected dug well	.0205	.0153	.0124	.0218	.0023	.0146
Protected Spring	.5918	.5047	.4592	.3219	.1610	.4140
Unprotected Spring	.1701	.1402	.1187	.0738	.0263	.1080
Water from rain	.0051	.0135	.0106	.0053	.0104	.0090
Water from cart with small tank	0.0000	.0013	0.0000	.0026	.0078	.0023
Surface water-river, lake, dam, etc.	.0805	.0933	.1044	.1083	.0255	.0823
Water from bottle	0.0000	0.0000	0.0000	0.0000	.0043	.0008
Other water source	0.0000	.0013	0.0000	.0026	.0078	.0023
Flush toilet to septic tank	0.0000	0.0000	0.0000	0.0000	.0335	.0065
Flush toilet to pit latrine	.0031	.0027	.0010	.0043	.0201	.0061
Flush toilet to elsewhere	0.0000	0.0000	0.0000	0.0000	.0008	.0001
Traditional pit latrine	.6854	.4230	.2559	.1816	.0832	.3369
Pit latrine with slab	.2240	.5419	.7305	.7951	.8548	.6170
VIP latrine	.0023	.0042	.0025	.0046	.0072	.0041
Composting toilet/ecosan	.0096	.0041	0.0000	.0033	0.0000	.0036
Bucket toilet	.0009	0.0000	0.0000	0.0000	0.0000	.0002
No facility/bush/field	.0737	.0236	.0091	.0101	.0006	.0247
Shares latrine/toilet with other households	.1959	.1824	.1712	.1513	.3833	.2164
Earth, sand, dung floor	1.0000	.9992	.9952	.7985	.1264	.7914
Rudimentary wood plank, palm, bamboo floor	0.0000	0.0000	0.0000	0.0000	.0010	.0002
Cement floor	0.0000	.0008	.0032	.2001	.8262	.1988
Ceramic tile floor	0.0000	0.0000	0.0000	0.0000	.0444	.0086
Carpeted floor	0.0000	0.0000	0.0000	0.0000	.0009	.0002
Other type of flooring	0.0000	0.0000	.0015	.0014	0.0000	.0006
No walls	.0010	0.0000	0.0000	0.0000	0.0000	.0002
Cane/palm/trunks/dirt walls	.6095	.5951	.5201	.3523	.0672	.4359
Bamboo with mud walls	.0096	.0125	.0101	.0019	0.0000	.0070
Stone with mud walls	.0020	.0033	.0032	.0011	0.0000	.0019
Uncovered adobe walls	.1705	.1232	.1095	.0703	.0064	.0982
Reused wood walls	.0188	.0161	.0120	.0162	.0016	.0131
Cement walls	.0010	.0034	.0048	.0707	.3697	.0869
Stone walls with lime cement	.0008	.0045	.0083	.0218	.0243	.0115
Brick walls	.0059	.0090	.0164	.0537	.0824	.0324
Cement block walls	0.0000	0.0000	0.0000	.0008	.0386	.0076
Covered adobe walls	.1801	.2233	.3008	.3978	.4065	.2970
Wood planks, shingles walls	.0010	.0097	.0140	.0127	.0032	.0079
Other type of walls	0.0000	0.0000	.0009	.0009	0.0000	.0003
No roof	.0013	.0007	.0013	0.0000	0.0000	.0007
Thatch/palm/sod roof	.0062	.0021	0.0000	0.0000	0.0000	.0018
Rustic mat / plastic roof	0.0000	.0008	0.0000	0.0000	0.0000	.0002
Cardboard roof	.0024	0.0000	0.0000	0.0000	0.0000	.0005
Iron sheet roof	.2952	.5503	.6239	.7256	.9093	.6114
Wood roof	.6922	.4424	.3734	.2744	.0855	.3828

Calamine / cement fiber roof	0.0000	.0008	.0015	0.0000	0.0000	.0004
Ceramic tile roof	0.0000	.0028	0.0000	0.0000	.0052	.0016
Other type of roof	.0021	0.0000	0.0000	0.0000	0.0000	.0004
Electricity for cooking	0.0000	.0011	0.0000	0.0000	.0006	.0003
LPG for cooking	0.0000	0.0000	0.0000	0.0000	.0026	.0005
Natural gas for cooking	0.0000	0.0000	0.0000	0.0000	.0038	.0007
Biogas for cooking	0.0000	0.0000	0.0000	0.0000	.0022	.0004
Kerosene for cooking	0.0000	0.0000	0.0000	0.0000	.0077	.0015
Coal/lignite for cooking	0.0000	0.0000	.0009	.0014	.0029	.0010
Charcoal for cooking	0.0000	0.0000	0.0000	.0550	.5564	.1185
Wood for cooking	.9946	.9684	.9293	.8646	.3775	.8323
Straw, shrubs, grass for cooking	.0047	.0245	.0641	.0628	.0037	.0309
Agricultural crop for cooking	.0008	.0012	0.0000	.0009	0.0000	.0006
Dung for cooking	0.0000	0.0000	0.0000	.0040	0.0000	.0008
Does not cook	0.0000	.0049	.0056	.0113	.0424	.0125
landarea	2.2122	1.2021	1.7379	1.0062	1.0818	1.4646