

Common

**Descriptive Statistics**

	Mean	Std. Deviation <sup>a</sup>	Analysis N <sup>a</sup>	Missing N
Has electricity	.21	.410	6097	0
Has radio	.53	.499	6097	0
Has television	.21	.407	6097	0
Has refrigerator	.12	.326	6097	0
Has bicycle	.37	.482	6097	0
Has motorcycle/scooter	.03	.182	6097	0
Has car/truck	.04	.197	6097	0
Has a landline telephone	.01	.118	6097	0
Has a mobile telephone	.34	.474	6097	0
Has a watch	.28	.448	6097	0
Has an animal-drawn cart	.01	.095	6097	0
Has a boat with a motor	.00	.063	6097	0
Has Ladle?	.95	.210	6097	0
Has blanket	.87	.335	6097	0
Has Lamp / candle?	.78	.416	6097	0
Number of members per sleeping room	2.1010	1.34654	6097	28
Piped into dwelling	.0302	.17109	6097	0
Piped into yard/plot	.0695	.25440	6097	0
Public tap/standpipe	.1768	.38154	6097	0
Piped into neighbor's yard/plot	.0748	.26308	6097	0
Tube well or borehole	.1383	.34521	6097	0
Protected dug Well	.0933	.29091	6097	0
Unprotected dug Well	.2672	.44252	6097	0
Protected Spring water	.0023	.04787	6097	0
Unprotected spring water	.0369	.18854	6097	0
Surface water-river, lake, etc.	.0958	.29432	6097	0
Rainwater	.0031	.05574	6097	0
Tanker truck	.0011	.03387	6097	0
Cart with small tank	.0015	.03840	6097	0
Tanker truck	.0028	.05273	6097	0
Other water source	.0036	.05997	6097	0
Flush toilet to piped sewer system	.0235	.15135	6097	0
Flush toilet to septic tank	.0456	.20862	6097	0
Flush toilet to pit latrine	.0843	.27787	6097	0
Flush toilet to elsewhere	.0036	.05997	6097	0

**Component Score Coefficient Matrix**

	Component 1
Has electricity	.092
Has radio	.034
Has television	.092
Has refrigerator	.082
Has bicycle	-.020
Has motorcycle/scooter	.022
Has car/truck	.052
Has a landline telephone	.030
Has a mobile telephone	.083
Has a watch	.031
Has an animal-drawn cart	.002
Has a boat with a motor	.008
Has Ladle?	.015
Has blanket	.026
Has Lamp / candle?	.012
Number of members per sleeping room	-.020
Piped into dwelling	.047
Piped into yard/plot	.056
Public tap/standpipe	.014
Piped into neighbor's yard/plot	.025
Tube well or borehole	-.017
Protected dug Well	-.004
Unprotected dug Well	-.039
Protected Spring water	-.003
Unprotected spring water	-.014
Surface water-river, lake, etc.	-.026
Rainwater	.000
Tanker truck	.002
Cart with small tank	-.001
Tanker truck	.014
Other water source	.002
Flush toilet to piped sewer system	.043
Flush toilet to septic tank	.055
Flush toilet to pit latrine	-.003
Flush toilet to elsewhere	-.001

Sum over each variable	
If has	If does not have
0.177308217	-0.048004038
0.031622132	-0.035625911
0.177824108	-0.047299145
0.221981515	-0.030616711
-0.026480129	0.015346127
0.117558561	-0.004193528
0.25130012	-0.010610449
0.254574953	-0.00364223
0.115202996	-0.059608519
0.049986168	-0.019263018
0.02219425	-0.000202033
0.121064063	-0.000478435
0.00324376	-0.066640345
0.009885553	-0.067090459
0.006328039	-0.022061995
0.269007291	-0.008370935
0.203300335	-0.015194666
0.030444514	-0.006538989
0.088359162	-0.007142666
-0.043402751	0.006963936
-0.01394091	0.001434945
-0.065267638	0.023796102
-0.053138657	0.000122298
-0.072752896	0.002787705
-0.079038275	0.008372638
-0.001311603	4.10011E-06
0.054791428	-6.29787E-05
-0.017475464	2.58343E-05
0.270354925	-0.000755927
0.038878423	-0.000140794
0.27817289	-0.006681008
0.249670286	-0.011927881
-0.011528131	0.00106134
-0.020046141	7.25951E-05

Flush toilet to don't know where	.0013	.03620	6097	0	Flush toilet to don't know where	.001	0.031267347	-4.10804E-05
Ventilated latrine	.0495	.21699	6097	0	Ventilated latrine	.025	0.111673773	-0.005819755
Pit with slab	.1673	.37327	6097	0	Pit with slab	.014	0.030978257	-0.006223719
Pit latrine	.2718	.44491	6097	0	Pit latrine	-.005	-0.007856956	0.002932202
No facility/bush/field	.3289	.46983	6097	0	No facility/bush/field	-.055	-0.078118453	0.038276515
Composting Toilet	.0007	.02561	6097	0	Composting Toilet	.001	0.021606466	-1.41845E-05
Bucket toilet	.0003	.01811	6097	0	Bucket toilet	.005	0.270313729	-8.87002E-05
Latrine over river/lake/canal	.0034	.05859	6097	0	Latrine over river/lake/canal	.001	0.018029486	-6.23139E-05
Other toilet facility	.0166	.12765	6097	0	Other toilet facility	.000	0.001548102	-2.60771E-05
Shared flush toilet to piped sewer	.0028	.05273	6097	0	Shared flush toilet to piped sewer	.014	0.25796987	-0.000721297
Shared flush toilet to septic tank	.0093	.09624	6097	0	Shared flush toilet to septic tank	.024	0.251000087	-0.002368709
Shared flush toilet to pit latrine	.0221	.14716	6097	0	Shared flush toilet to pit latrine	-.002	-0.015016445	0.000340023
Shared flush toilet to elsewhere	.0020	.04432	6097	0	Shared flush toilet to elsewhere	.000	-0.007746039	1.52757E-05
Shared flush toilet to don't know where	.0003	.01811	6097	0	Shared flush toilet to don't know where	-.001	-0.04511192	1.48029E-05
Shared ventilated latrine	.0139	.11726	6097	0	Shared ventilated latrine	.013	0.112901695	-0.001596248
Shared pit with slab	.0417	.19983	6097	0	Shared pit with slab	.009	0.045063746	-0.001958958
Shared pit latrine	.0545	.22693	6097	0	Shared pit latrine	-.001	-0.002392568	0.000137785
Shared latrine over river/lake/canal	.0007	.02561	6097	0	Shared latrine over river/lake/canal	.003	0.100308715	-6.58518E-05
Earth, mud, dung floor	.6705	.47007	6097	0	Earth, mud, dung floor	-.096	-0.067210049	0.136761913
Rudimentary wood plank floor	.0007	.02561	6097	0	Rudimentary wood plank floor	.008	0.304445937	-0.000199866
Rudimentary palm, bamboo floor	.0021	.04613	6097	0	Rudimentary palm, bamboo floor	-.002	-0.037816206	8.08039E-05
Parquet, wood tile floor	.0133	.11450	6097	0	Parquet, wood tile floor	.037	0.315013863	-0.004241377
Asphalt, vinyl tile floor	.0002	.01281	6097	0	Asphalt, vinyl tile floor	.004	0.313492052	-5.14259E-05
Terrazo, ceramic tile floor	.0148	.12061	6097	0	Terrazo, ceramic tile floor	.033	0.271320953	-0.004065072
Cement, brick floor	.2890	.45333	6097	0	Cement, brick floor	.079	0.123618541	-0.050245875
Carpeted floor	.0030	.05426	6097	0	Carpeted floor	.010	0.187703299	-0.000555792
Other type of flooring	.0026	.05116	6097	0	Other type of flooring	.008	0.153344521	-0.000403472
No walls	.0190	.13663	6097	0	No walls	-.006	-0.039838942	0.000772666
Cane, palm, trunks	.1356	.34243	6097	0	Cane, palm, trunks	-.017	-0.044078375	0.006917043
Dirt walls	.0968	.29567	6097	0	Dirt walls	-.019	-0.057775619	0.00618987
Bamboo with mud	.0900	.28627	6097	0	Bamboo with mud	-.026	-0.08229995	0.008143957
Stone with mud	.0048	.06881	6097	0	Stone with mud	.004	0.056962123	-0.000272232
Uncovered Adobe walls	.0791	.26985	6097	0	Uncovered Adobe walls	-.021	-0.071457298	0.006134001
Plywood walls	.0002	.01281	6097	0	Plywood walls	-.001	-0.102852813	1.68722E-05
Recycled Wood walls	.0002	.01281	6097	0	Recycled Wood walls	.004	0.330620407	-5.42356E-05
Brick, Cement block walls	.0717	.25797	6097	0	Brick, Cement block walls	.048	0.172849485	-0.013345446
Stone with cal, cement walls	.0189	.13605	6097	0	Stone with cal, cement walls	.021	0.152290699	-0.002927688
Brick walls	.0530	.22401	6097	0	Brick walls	.004	0.017068196	-0.000954802
Cement block walls	.1350	.34173	6097	0	Cement block walls	.064	0.161190747	-0.025153581
Covered Adobe walls	.2244	.41720	6097	0	Covered Adobe walls	-.032	-0.058790545	0.017006865
Wood planks, shingles walls	.0011	.03387	6097	0	Wood planks, shingles walls	.001	0.033587906	-3.86068E-05
Other type of walls	.0654	.24732	6097	0	Other type of walls	.001	0.004345252	-0.000304274

No roof	.0169	.12888	6097	0
Straw/Palm/Cane/Mud roof	.5637	.49596	6097	0
Sod roof	.0013	.03620	6097	0
Rustic mat roof	.0003	.01811	6097	0
Bamboo with mud roof	.0052	.07226	6097	0
Wood planks roof	.0003	.01811	6097	0
Carton roof	.0002	.01281	6097	0
Metal roof	.0272	.16276	6097	0
Wood roof	.0002	.01281	6097	0
Calamine, cement fiber roof	.3423	.47452	6097	0
Ceramic tile roof	.0052	.07226	6097	0
Cement roof	.0276	.16371	6097	0
Boards, Wood planks roof	.0013	.03620	6097	0
Other type of roof	.0041	.06391	6097	0
Electricity for cooking	.0107	.10271	6097	0
Bottled gas for cooking	.0253	.15692	6097	0
Natural gas for cooking	.0071	.08369	6097	0
Kerosene for cooking	.0002	.01281	6097	0
Coal, lignite for cooking	.0069	.08272	6097	0
Charcoal for cooking	.1878	.39058	6097	0
Wood for cooking	.7541	.43063	6097	0
Straw, shrubs, grass for cooking	.0018	.04244	6097	0
Crop residues for cooking	.0003	.01811	6097	0
Does not cook	.0010	.03136	6097	0
Other fuel for cooking	.0013	.03620	6097	0

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

No roof	-.006	-0.046339331	0.000796288
Straw/Palm/Cane/Mud roof	-.086	-0.075419496	0.097449928
Sod roof	-.002	-0.066597075	8.74982E-05
Rustic mat roof	-.001	-0.057028402	1.87132E-05
Bamboo with mud roof	-.003	-0.040114866	0.000211653
Wood planks roof	.005	0.255059141	-8.36946E-05
Carton roof	.004	0.330620407	-5.42356E-05
Metal roof	.011	0.063727608	-0.001783642
Wood roof	.004	0.319725166	-5.24484E-05
Calamine, cement fiber roof	.069	0.095773177	-0.049845042
Ceramic tile roof	.012	0.160029806	-0.000844345
Cement roof	.046	0.27442807	-0.007776002
Boards, Wood planks roof	.009	0.260324504	-0.000342026
Other type of roof	.002	0.033749694	-0.000138956
Electricity for cooking	.024	0.233352943	-0.002514579
Bottled gas for cooking	.047	0.292157714	-0.007570636
Natural gas for cooking	.022	0.258602821	-0.001836789
Kerosene for cooking	.003	0.198403074	-3.25464E-05
Coal, lignite for cooking	.008	0.091808297	-0.000636821
Charcoal for cooking	.066	0.136598189	-0.031584194
Wood for cooking	-.088	-0.050437078	0.154709595
Straw, shrubs, grass for cooking	.000	-0.002720926	4.91787E-06
Crop residues for cooking	-.001	-0.055073055	1.80716E-05
Does not cook	.002	0.047996094	-4.7279E-05
Other fuel for cooking	.003	0.071224787	-9.35783E-05

Extraction Method: Principal Component Analysis.



Urban

**Descriptive Statistics**

	Std.		Analysis N <sup>a</sup>	Missing N
	Mean	Deviation <sup>a</sup>		
Has electricity	.44	0.49679	2641	0
Has radio	.59	0.49138	2641	0
Has television	.41	0.49208	2641	0
Has refrigerator	.25	0.43585	2641	0
Has bicycle	.27	0.44636	2641	0
Has motorcycle/scooter	.05	0.21950	2641	0
Has car/truck	.08	0.27000	2641	0
Has a landline telephone	.03	0.16614	2641	0
Has a mobile telephone	.56	0.49591	2641	0
Has a watch	.34	0.47444	2641	0
Has an animal-drawn cart	.01	0.07263	2641	0
Has a boat with a motor	.00	0.07000	2641	0
Has Ladle?	.97	0.17951	2641	0
Has blanket	.91	0.28422	2641	0
Has Lamp / candle?	.82	0.38696	2641	0
Number of members per sleeping room	1.9320	1.19450	2641	7
Piped into dwelling	.0685	0.25271	2641	0
Piped into yard/plot	.1556	0.36257	2641	0
Public tap/standpipe	.2340	0.42345	2641	0
Piped into neighbor's yard/plot	.1628	0.36927	2641	0
Tube well or borehole	.0856	0.27979	2641	0
Protected dug Well	.0920	0.28910	2641	0
Unprotected dug Well	.1367	0.34359	2641	0
Protected Spring water	.0004	0.01946	2641	0
Unprotected spring water	.0159	0.12512	2641	0
Surface water-river, lake, etc.	.0341	0.18146	2641	0
Rainwater	.0011	0.03369	2641	0
Tanker truck	.0004	0.01946	2641	0
Cart with small tank	.0008	0.02751	2641	0
Tanker truck	.0053	0.07263	2641	0
Other water source	.0061	0.07761	2641	0
Flush toilet to piped sewer system	.0526	0.22334	2641	0
Flush toilet to septic tank	.1022	0.30301	2641	0
Flush toilet to pit latrine	.0988	0.29849	2641	0
Flush toilet to elsewhere	.0042	0.06442	2641	0
Flush toilet to don't know where	.0019	0.04348	2641	0
Ventilated latrine	.0913	0.28802	2641	0
Pit with slab	.2003	0.40030	2641	0

**Component Score Coefficient Matrix**

	Component	Sum over each variable	
	1	If has	If does not have
Has electricity	0.09895	0.111010154	-0.088159558
Has radio	0.04671	0.038696144	-0.056370383
Has television	0.10053	0.120367681	-0.083932477
Has refrigerator	0.09037	0.154500641	-0.052834823
Has bicycle	-0.01767	-0.028721915	0.010868157
Has motorcycle/scooter	0.02240	0.096890181	-0.005178813
Has car/truck	0.05816	0.198360731	-0.017046625
Has a landline telephone	0.03343	0.195528191	-0.005714971
Has a mobile telephone	0.08925	0.078367199	-0.101604778
Has a watch	0.03756	0.052098676	-0.02706853
Has an animal-drawn cart	-0.00382	-0.052328847	0.000278875
Has a boat with a motor	0.00895	0.127284456	-0.000629642
Has Ladle?	0.02032	0.003772247	-0.109438023
Has blanket	0.03374	0.01051857	-0.108197426
Has Lamp / candle?	-0.00404	-0.001914257	0.008531101
Number of members per sleeping room	-0.01862		
Piped into dwelling	0.05125	0.188898117	-0.013898601
Piped into yard/plot	0.05528	0.128743592	-0.023728079
Public tap/standpipe	-0.00029	-0.000519235	0.000158619
Piped into neighbor's yard/plot	0.00467	0.010592826	-0.002060115
Tube well or borehole	-0.02142	-0.070008484	0.006551519
Protected dug Well	-0.01897	-0.059586204	0.006038135
Unprotected dug Well	-0.04731	-0.118880858	0.018822802
Protected Spring water	-0.00276	-0.141892549	5.37472E-05
Unprotected spring water	-0.01840	-0.144744437	0.002339079
Surface water-river, lake, etc.	-0.02981	-0.158663582	0.005597696
Rainwater	-0.00296	-0.087613567	9.96364E-05
Tanker truck	-0.00192	-0.098448833	3.72912E-05
Cart with small tank	0.00059	0.02160008	-1.63699E-05
Tanker truck	0.01889	0.258699605	-0.001378681
Other water source	-0.00371	-0.04756848	0.000289941
Flush toilet to piped sewer system	0.04830	0.204862148	-0.01138123
Flush toilet to septic tank	0.05877	0.174127181	-0.019828907
Flush toilet to pit latrine	-0.01195	-0.03608017	0.003956691
Flush toilet to elsewhere	-0.00375	-0.057933408	0.000242307
Flush toilet to don't know where	-0.00055	-0.012641184	2.3978E-05
Ventilated latrine	0.01782	0.056216842	-0.005645108
Pit with slab	0.00488	0.009738965	-0.002439353

Pit latrine	.2692	0.44364	2641	0
No facility/bush/field	.1568	0.36364	2641	0
Composting Toilet	.0008	0.02751	2641	0
Bucket toilet	.0008	0.02751	2641	0
Latrine over river/lake/canal	.0027	0.05142	2641	0
Other toilet facility	.0167	0.12802	2641	0
Shared flush toilet to piped sewer	.0061	0.07761	2641	0
Shared flush toilet to septic tank	.0208	0.14283	2641	0
Shared flush toilet to pit latrine	.0273	0.16288	2641	0
Shared flush toilet to elsewhere	.0019	0.04348	2641	0
Shared flush toilet to don't know where	.0008	0.02751	2641	0
Shared ventilated latrine	.0299	0.17038	2641	0
Shared pit with slab	.0602	0.23791	2641	0
Shared pit latrine	.0670	0.25010	2641	0
Shared latrine over river/lake/canal	.0011	0.03369	2641	0
Earth, mud, dung floor	.4142	0.49268	2641	0
Rudimentary wood plank floor	.0015	0.03890	2641	0
Rudimentary palm, bamboo floor	.0011	0.03369	2641	0
Parquet, wood tile floor	.0307	0.17246	2641	0
Asphalt, vinyl tile floor	.0004	0.01946	2641	0
Terrazo, ceramic tile floor	.0333	0.17951	2641	0
Cement, brick floor	.5047	0.50007	2641	0
Carpeted floor	.0064	0.07999	2641	0
Other type of flooring	.0049	0.07000	2641	0
No walls	.0140	0.11755	2641	0
Cane, palm, trunks	.0856	0.27979	2641	0
Dirt walls	.0742	0.26217	2641	0
Bamboo with mud	.0329	0.17852	2641	0
Stone with mud	.0057	0.07516	2641	0
Uncovered Adobe walls	.0644	0.24546	2641	0
Recycled Wood walls	.0004	0.01946	2641	0
Brick, Cement block walls	.1303	0.33665	2641	0
Stone with cal, cement walls	.0390	0.19363	2641	0
Brick walls	.0541	0.22635	2641	0
Cement block walls	.2685	0.44324	2641	0
Covered Adobe walls	.1587	0.36542	2641	0
Wood planks, shingles walls	.0019	0.04348	2641	0
Other type of walls	.0670	0.25010	2641	0
No roof	.0125	0.11110	2641	0
Straw/Palm/Cane/Mud roof	.3067	0.46121	2641	0
Sod roof	.0004	0.01946	2641	0
Bamboo with mud roof	.0042	0.06442	2641	0
Wood planks roof	.0008	0.02751	2641	0
Carton roof	.0004	0.01946	2641	0
Metal roof	.0417	0.19983	2641	0

Pit latrine	-0.02421	-0.039879604	0.014691398
No facility/bush/field	-0.05689	-0.131909923	0.024522096
Composting Toilet	-0.00008	-0.003000332	2.27384E-06
Bucket toilet	0.00540	0.196194207	-0.000148688
Latrine over river/lake/canal	0.00309	0.059997685	-0.000159447
Other toilet facility	-0.00577	-0.044293285	0.000750445
Shared flush toilet to piped sewer	0.01463	0.187366104	-0.001142041
Shared flush toilet to septic tank	0.02492	0.17082734	-0.003633219
Shared flush toilet to pit latrine	-0.00834	-0.04979287	0.001395518
Shared flush toilet to elsewhere	-0.00020	-0.004588845	8.70418E-06
Shared flush toilet to don't know where	-0.00373	-0.135457488	0.000102658
Shared ventilated latrine	0.00656	0.037352806	-0.001151784
Shared pit with slab	0.00327	0.012927845	-0.000828174
Shared pit latrine	-0.01186	-0.044249037	0.003178604
Shared latrine over river/lake/canal	0.00195	0.057934514	-6.58846E-05
Earth, mud, dung floor	-0.10209	-0.12137164	0.085831011
Rudimentary wood plank floor	0.00858	0.220356451	-0.000334253
Rudimentary palm, bamboo floor	-0.00147	-0.043629139	4.96162E-05
Parquet, wood tile floor	0.04151	0.233302111	-0.007381825
Asphalt, vinyl tile floor	0.00447	0.229621845	-8.6978E-05
Terrazo, ceramic tile floor	0.03463	0.186468236	-0.006427421
Cement, brick floor	0.07057	0.06988737	-0.071223138
Carpeted floor	0.00912	0.113269556	-0.000733835
Other type of flooring	0.00759	0.107842977	-0.00053347
No walls	-0.00945	-0.079230062	0.001125773
Cane, palm, trunks	-0.01982	-0.064774667	0.006061729
Dirt walls	-0.03234	-0.11419868	0.009154577
Bamboo with mud	-0.02542	-0.13769198	0.004690369
Stone with mud	0.00342	0.045178576	-0.000258065
Uncovered Adobe walls	-0.03523	-0.134307545	0.009240098
Recycled Wood walls	0.00467	0.239970485	-9.08979E-05
Brick, Cement block walls	0.04673	0.120727666	-0.018080243
Stone with cal, cement walls	0.01671	0.082943289	-0.003366099
Brick walls	0.00714	0.029819291	-0.001707029
Cement block walls	0.05979	0.0986869	-0.036215845
Covered Adobe walls	-0.04330	-0.099685284	0.01879754
Wood planks, shingles walls	-0.00075	-0.017312014	3.28377E-05
Other type of walls	-0.01306	-0.048707251	0.003498857
No roof	-0.01227	-0.109025292	0.001379538
Straw/Palm/Cane/Mud roof	-0.08930	-0.134243264	0.059386698
Sod roof	-0.00312	-0.160071898	6.06333E-05
Bamboo with mud roof	-0.00526	-0.081299776	0.000340037
Wood planks roof	0.00456	0.165667637	-0.000125553
Carton roof	0.00467	0.239970485	-9.08979E-05
Metal roof	0.00434	0.020829455	-0.000905271

Wood roof	.0004	0.01946	2641	0
Calamine, cement fiber roof	.5528	0.49730	2641	0
Ceramic tile roof	.0068	0.08229	2641	0
Cement roof	.0625	0.24206	2641	0
Boards, Wood planks roof	.0030	0.05496	2641	0
Other type of roof	.0049	0.07000	2641	0
Electricity for cooking	.0231	0.15024	2641	0
Bottled gas for cooking	.0583	0.23438	2641	0
Natural gas for cooking	.0140	0.11755	2641	0
Kerosene for cooking	.0004	0.01946	2641	0
Coal, lignite for cooking	.0136	0.11598	2641	0
Charcoal for cooking	.4002	0.49004	2641	0
Wood for cooking	.4832	0.49981	2641	0
Straw, shrubs, grass for cooking	.0015	0.03890	2641	0
Crop residues for cooking	.0004	0.01946	2641	0
Does not cook	.0015	0.03890	2641	0
Other fuel for cooking	.0019	0.04348	2641	0

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

Wood roof	0.00482	0.247596663	-9.37866E-05
Calamine, cement fiber roof	0.05559	0.049990282	-0.06180001
Ceramic tile roof	0.01598	0.192847119	-0.001323389
Cement roof	0.05034	0.194958131	-0.012991959
Boards, Wood planks roof	0.00974	0.17673563	-0.000536986
Other type of roof	0.00155	0.022046271	-0.000109057
Electricity for cooking	0.02495	0.162261127	-0.003836406
Bottled gas for cooking	0.05248	0.210873865	-0.01305773
Natural gas for cooking	0.02409	0.202068153	-0.002871168
Kerosene for cooking	0.00245	0.125790079	-4.76478E-05
Coal, lignite for cooking	0.00190	0.016175192	-0.000223534
Charcoal for cooking	0.05254	0.064302309	-0.042908801
Wood for cooking	-0.08964	-0.092691308	0.086647699
Straw, shrubs, grass for cooking	0.00200	0.051426929	-7.80082E-05
Crop residues for cooking	-0.00242	-0.12445355	4.71415E-05
Does not cook	-0.00039	-0.010060531	1.52606E-05
Other fuel for cooking	0.00073	0.016724803	-3.17238E-05

Extraction Method: Principal Component Analysis.

Rural

**Descriptive Statistics**

	Std.		Analysis	
	Mean	Deviation <sup>a</sup>	N <sup>a</sup>	Missing N
Has electricity	.04	.190	3456	0
Has radio	.48	.500	3456	0
Has television	.06	.231	3456	0
Has refrigerator	.02	.137	3456	0
Has bicycle	.44	.496	3456	0
Has motorcycle/scooter	.02	.147	3456	0
Has car/truck	.01	.104	3456	0
Has a landline telephone	.00	.056	3456	0
Has a mobile telephone	.17	.376	3456	0
Has a watch	.23	.421	3456	0
Has an animal-drawn cart	.01	.108	3456	0
Has a boat with a motor	.00	.056	3456	0
Has Ladle?	.94	.231	3456	0
Has blanket	.84	.366	3456	0
Has Lamp / candle?	.75	.435	3456	0
Number of members per sleeping room	2.2306	1.43890	3456	21
Piped into dwelling	.0009	.02945	3456	0
Piped into yard/plot	.0038	.06123	3456	0
Public tap/standpipe	.1331	.33973	3456	0
Piped into neighbor's yard/plot	.0075	.08642	3456	0
Tube well or borehole	.1785	.38301	3456	0
Protected dug Well	.0943	.29233	3456	0
Unprotected dug Well	.3669	.48203	3456	0
Protected Spring water	.0038	.06123	3456	0
Unprotected spring water	.0530	.22397	3456	0
Surface water-river, lake, etc.	.1429	.35006	3456	0
Rainwater	.0046	.06789	3456	0
Tanker truck	.0017	.04164	3456	0
Cart with small tank	.0020	.04497	3456	0
Tanker truck	.0009	.02945	3456	0
Other water source	.0017	.04164	3456	0
Flush toilet to piped sewer system	.0012	.03401	3456	0
Flush toilet to septic tank	.0023	.04806	3456	0
Flush toilet to pit latrine	.0732	.26051	3456	0
Flush toilet to elsewhere	.0032	.05634	3456	0
Flush toilet to don't know where	.0009	.02945	3456	0
Ventilated latrine	.0177	.13170	3456	0
Pit with slab	.1421	.34917	3456	0
Pit latrine	.2737	.44593	3456	0

**Component Score Coefficient Matrix**

	Component		Sum over each variable	
	1		If has	If does not have
Has electricity	.096		0.484095174	-0.018921339
Has radio	.036		0.037504608	-0.034825708
Has television	.108		0.442415994	-0.026599244
Has refrigerator	.085		0.612402164	-0.011922874
Has bicycle	-.006		-0.00711447	0.005533473
Has motorcycle/scooter	.037		0.246380812	-0.005539924
Has car/truck	.059		0.563699968	-0.006266998
Has a landline telephone	.030		0.537137422	-0.001715098
Has a mobile telephone	.111		0.245798013	-0.050393735
Has a watch	.032		0.057761784	-0.017200561
Has an animal-drawn cart	.032		0.296000195	-0.003553736
Has a boat with a motor	.017		0.295335009	-0.000943015
Has Ladle?	.019		0.00463193	-0.077460127
Has blanket	.034		0.014838036	-0.078568617
Has Lamp / candle?	.041		0.023985341	-0.070749903
Number of members per sleeping room	-.026			
Piped into dwelling	.036		1.206142768	-0.001047909
Piped into yard/plot	.039		0.629798128	-0.002377977
Public tap/standpipe	.033		0.084976177	-0.013047077
Piped into neighbor's yard/plot	.029		0.328951777	-0.002493512
Tube well or borehole	-.004		-0.00827789	0.001799033
Protected dug Well	.025		0.076102555	-0.007926336
Unprotected dug Well	-.028		-0.0370034	0.021444383
Protected Spring water	.002		0.033384877	-0.000126054
Unprotected spring water	-.012		-0.0507935	0.002839967
Surface water-river, lake, etc.	-.028		-0.06744309	0.011248105
Rainwater	.016		0.22928463	-0.00106644
Tanker truck	.019		0.448828806	-0.000780572
Cart with small tank	.001		0.019647803	-3.98767E-05
Tanker truck	-.002		-0.05435715	4.7226E-05
Other water source	.017		0.415627709	-0.000722831
Flush toilet to piped sewer system	.005		0.133683899	-0.000154906
Flush toilet to septic tank	.040		0.832535245	-0.001931636
Flush toilet to pit latrine	-.012		-0.04104133	0.003241791
Flush toilet to elsewhere	-.002		-0.03585585	0.000114489
Flush toilet to don't know where	.003		0.092789397	-8.06163E-05
Ventilated latrine	.034		0.250985699	-0.00450961
Pit with slab	.041		0.101085928	-0.016739693
Pit latrine	.038		0.061879471	-0.023321904

No facility/bush/field	.4604	.49850	3456	0
Composting Toilet	.0006	.02405	3456	0
Latrine over river/lake/canal	.0041	.06353	3456	0
Other toilet facility	.0165	.12738	3456	0
Shared flush toilet to piped sewer	.0003	.01701	3456	0
Shared flush toilet to septic tank	.0006	.02405	3456	0
Shared flush toilet to pit latrine	.0182	.13380	3456	0
Shared flush toilet to elsewhere	.0020	.04497	3456	0
Shared ventilated latrine	.0017	.04164	3456	0
Shared pit with slab	.0275	.16353	3456	0
Shared pit latrine	.0448	.20700	3456	0
Shared latrine over river/lake/canal	.0003	.01701	3456	0
Earth, mud, dung floor	.8663	.34036	3456	0
Rudimentary palm, bamboo floor	.0029	.05372	3456	0
Terrazo, ceramic tile floor	.0006	.02405	3456	0
Cement, brick floor	.1241	.32978	3456	0
Carpeted floor	.0003	.01701	3456	0
Other type of flooring	.0009	.02945	3456	0
No walls	.0229	.14947	3456	0
Cane, palm, trunks	.1739	.37908	3456	0
Dirt walls	.1140	.31786	3456	0
Bamboo with mud	.1337	.34036	3456	0
Stone with mud	.0041	.06353	3456	0
Uncovered Adobe walls	.0903	.28662	3456	0
Brick, Cement block walls	.0269	.16184	3456	0
Stone with cal, cement walls	.0035	.05883	3456	0
Brick walls	.0521	.22223	3456	0
Cement block walls	.0330	.17863	3456	0
Covered Adobe walls	.2746	.44637	3456	0
Wood planks, shingles walls	.0006	.02405	3456	0
Other type of walls	.0642	.24521	3456	0
No roof	.0203	.14089	3456	0
Straw/Palm/Cane/Mud roof	.7601	.42707	3456	0
Sod roof	.0020	.04497	3456	0
Bamboo with mud roof	.0061	.07773	3456	0
Metal roof	.0162	.12628	3456	0
Calamine, cement fiber roof	.1814	.38542	3456	0
Ceramic tile roof	.0041	.06353	3456	0
Cement roof	.0009	.02945	3456	0
Other type of roof	.0035	.05883	3456	0
Electricity for cooking	.0012	.03401	3456	0
Natural gas for cooking	.0017	.04164	3456	0
Coal, lignite for cooking	.0017	.04164	3456	0
Charcoal for cooking	.0255	.15755	3456	0
Wood for cooking	.9612	.19308	3456	0
Straw, shrubs, grass for cooking	.0020	.04497	3456	0

No facility/bush/field	-.075	-0.08161652	0.069625671
Composting Toilet	.003	0.11301751	-6.54415E-05
Latrine over river/lake/canal	.003	0.042787902	-0.000174036
Other toilet facility	.017	0.132176643	-0.002216554
Shared flush toilet to piped sewer	.004	0.252198149	-7.29951E-05
Shared flush toilet to septic tank	.027	1.102674539	-0.000638491
Shared flush toilet to pit latrine	-.007	-0.05207931	0.00096699
Shared flush toilet to elsewhere	-.002	-0.04110714	8.343E-05
Shared ventilated latrine	.005	0.119140962	-0.000207202
Shared pit with slab	.013	0.077339421	-0.002186029
Shared pit latrine	.009	0.040872994	-0.001919211
Shared latrine over river/lake/canal	.003	0.177443999	-5.13586E-05
Earth, mud, dung floor	-.147	-0.05770113	0.373933306
Rudimentary palm, bamboo floor	.002	0.043299342	-0.000125651
Terrazo, ceramic tile floor	.040	1.680168326	-0.000972883
Cement, brick floor	.146	0.38800575	-0.054989913
Carpeted floor	.010	0.56260701	-0.000162838
Other type of flooring	.005	0.169809103	-0.000147532
No walls	.000	-0.00018124	4.2398E-06
Cane, palm, trunks	-.006	-0.0139138	0.002928965
Dirt walls	-.015	-0.04206336	0.005412464
Bamboo with mud	-.035	-0.08786517	0.013558353
Stone with mud	.009	0.146759086	-0.000596928
Uncovered Adobe walls	-.023	-0.07294771	0.007239086
Brick, Cement block walls	.078	0.466326195	-0.012895729
Stone with cal, cement walls	.022	0.376198936	-0.001310798
Brick walls	.003	0.011388238	-0.000625727
Cement block walls	.084	0.454172386	-0.015492415
Covered Adobe walls	-.034	-0.05514962	0.020876342
Wood planks, shingles walls	.001	0.059582376	-3.45005E-05
Other type of walls	.042	0.159127338	-0.010923398
No roof	.001	0.007539113	-0.000155859
Straw/Palm/Cane/Mud roof	-.133	-0.07480387	0.237044364
Sod roof	.000	-0.00840254	1.70536E-05
Bamboo with mud roof	-.001	-0.0115375	7.05349E-05
Metal roof	.022	0.171229333	-0.002820248
Calamine, cement fiber roof	.135	0.285685618	-0.063317385
Ceramic tile roof	.016	0.258624853	-0.001051931
Cement roof	.017	0.576261212	-0.000500661
Other type of roof	.004	0.063857797	-0.000222501
Electricity for cooking	.019	0.567652296	-0.000657766
Natural gas for cooking	.029	0.69585871	-0.001210189
Coal, lignite for cooking	.016	0.371945437	-0.000646862
Charcoal for cooking	.059	0.364371782	-0.009520403
Wood for cooking	-.063	-0.01273977	0.31583232
Straw, shrubs, grass for cooking	-.002	-0.0531042	0.000107779

Crop residues for cooking	.0003	.01701	3456	0
Does not cook	.0006	.02405	3456	0
Other fuel for cooking	.0009	.02945	3456	0

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

Crop residues for cooking	-0.001
Does not cook	.003
Other fuel for cooking	.009

Extraction Method: Principal Component Analysis.

-0.06937302	2.0079E-05
0.13552138	-7.84721E-05
0.315208981	-0.000273857

Combined Scores

Urban Area

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.674	.001		556.760	.000
	REGR factor score 1 for analysis 2	1.098	.001	.998	907.002	.000

a. Dependent Variable: REGR factor score 1 for analysis 1

$$\text{Combined Score} = 0.674 + 1.098 * \text{Urban Score}$$

Rural

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.515	.001		-515.650	.000
	REGR factor score 1 for analysis 3	.475	.001	.992	475.270	.000

a. Dependent Variable: REGR factor score 1 for analysis 1

$$\text{Combined Score} = -0.515 + 0.475 * \text{Rural Score}$$

Combined Score

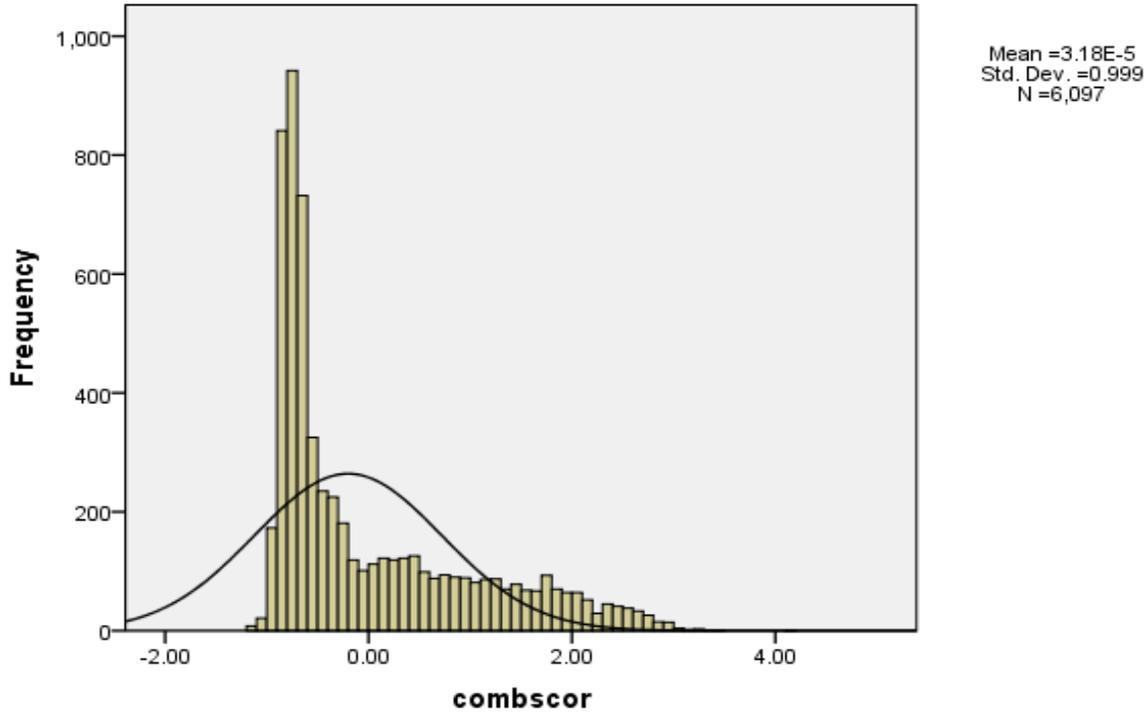
**Statistics**

combscor

N	Valid	6097
	Missing	0
Mean		-.2381
Std. Error of Mean		.01122
Median		-.6605
Mode		-.82
Std. Deviation		.87592
Skewness		1.690
Std. Error of Skewness		.031
Kurtosis		2.046
Std. Error of Kurtosis		.063
Minimum		-1.17
Maximum		4.18
Percentiles	20	-.8217
	40	-.7230
	60	-.5461

histogram

### Histogram



### Report

Statistics=Mean

	Percentile Group of combscor					
	1	2	3	4	5	Total
Has electricity	.000	.000	.022	.095	.728	.150
Has radio	.234	.484	.579	.563	.745	.514
Has television	.000	.000	.013	.079	.744	.148
Has refrigerator	.000	.000	.000	.016	.455	.082
Has bicycle	.417	.509	.498	.386	.263	.420
Has motorcycle/scooter	.000	.000	.015	.062	.124	.037
Has car/truck	.000	.000	.000	.012	.128	.025
Has a landline telephone	.000	.000	.001	.006	.052	.010
Has a mobile telephone	.000	.013	.116	.394	.862	.255
Has a watch	.080	.205	.322	.321	.470	.273
Has an animal-drawn cart	.001	.000	.008	.018	.020	.009
Has a boat with a motor	.000	.000	.002	.005	.009	.003
Has Ladle?	.827	.948	.960	.957	.991	.935
Has blanket	.580	.800	.867	.885	.965	.814

Has Lamp / candle?	.412	.743	.865	.897	.809	.743
Number of members per sleeping room	2.818	2.305	2.162	1.963	1.820	2.228
Piped into dwelling	.000	.000	.000	.004	.097	.018
Piped into yard/plot	.000	.000	.000	.015	.226	.042
Public tap/standpipe	.023	.081	.231	.265	.291	.173
Piped into neighbor's yard/plot	.000	.001	.014	.102	.161	.052
Tube well or borehole	.113	.170	.225	.146	.064	.147
Protected dug Well	.009	.062	.102	.131	.066	.074
Unprotected dug Well	.572	.475	.288	.242	.058	.338
Protected Spring water	.002	.002	.001	.002	.000	.002
Unprotected spring water	.081	.062	.036	.015	.010	.042
Surface water-river, lake, etc.	.199	.143	.097	.054	.007	.104
Rainwater	.000	.000	.001	.005	.002	.002
Tanker truck	.000	.000	.000	.003	.002	.001
Cart with small tank	.001	.001	.002	.002	.001	.001
Tanker truck	.000	.001	.001	.001	.009	.002
Other water source	.000	.000	.001	.003	.005	.002
Flush toilet to piped sewer system	.000	.000	.000	.007	.073	.014
Flush toilet to septic tank	.000	.000	.000	.002	.163	.029
Flush toilet to pit latrine	.023	.085	.104	.078	.081	.074
Flush toilet to elsewhere	.006	.008	.004	.008	.002	.006
Flush toilet to don't know where	.000	.000	.001	.007	.002	.002
Ventilated latrine	.000	.004	.018	.046	.133	.037
Pit with slab	.006	.074	.201	.212	.242	.143
Pit latrine	.034	.166	.412	.405	.251	.252
No facility/bush/field	.930	.656	.236	.191	.033	.424
Composting Toilet	.000	.000	.000	.002	.000	.000
Bucket toilet	.000	.000	.000	.000	.001	.000
Latrine over river/lake/canal	.000	.002	.008	.007	.004	.004
Other toilet facility	.000	.005	.014	.025	.013	.011
Shared flush toilet to piped sewer	.000	.000	.000	.002	.006	.001
Shared flush toilet to septic tank	.000	.000	.000	.001	.027	.005
Shared flush toilet to pit latrine	.013	.022	.023	.025	.020	.021
Shared flush toilet to elsewhere	.004	.003	.002	.003	.002	.003
Shared flush toilet to don't know where	.000	.000	.001	.000	.000	.000
Shared ventilated latrine	.000	.000	.004	.014	.032	.009
Shared pit with slab	.001	.005	.044	.066	.060	.034
Shared pit latrine	.003	.033	.108	.095	.062	.060
Shared latrine over river/lake/canal	.000	.000	.000	.001	.001	.000
Earth, mud, dung floor	1.000	1.000	.991	.681	.051	.769
Rudimentary wood plank floor	.000	.000	.000	.000	.003	.001
Rudimentary palm, bamboo floor	.000	.000	.005	.007	.000	.002
Parquet, wood tile floor	.000	.000	.000	.000	.040	.007
Asphalt, vinyl tile floor	.000	.000	.000	.000	.000	.000
Terrazo, ceramic tile floor	.000	.000	.000	.000	.051	.009
Cement, brick floor	.000	.000	.005	.292	.837	.205
Carpeted floor	.000	.000	.000	.001	.009	.002
Other type of flooring	.000	.000	.000	.004	.005	.002
No walls	.004	.022	.026	.044	.006	.021
Cane, palm, trunks	.078	.158	.148	.179	.033	.122

Dirt walls	.080	.153	.127	.095	.016	.097
Bamboo with mud	.280	.149	.125	.047	.006	.126
Stone with mud	.000	.003	.005	.007	.007	.004
Uncovered Adobe walls	.181	.143	.123	.079	.014	.111
Plywood walls	.000	.001	.000	.000	.000	.000
Recycled Wood walls	.000	.000	.000	.000	.001	.000
Brick, Cement block walls	.000	.000	.001	.056	.209	.048
Stone with cal, cement walls	.000	.000	.000	.011	.048	.011
Brick walls	.023	.046	.066	.082	.051	.054
Cement block walls	.000	.000	.001	.057	.470	.093
Covered Adobe walls	.348	.304	.336	.210	.097	.265
Wood planks, shingles walls	.000	.000	.001	.002	.001	.001
Other type of walls	.006	.016	.041	.114	.041	.043
No roof	.003	.014	.039	.046	.002	.021
Straw/Palm/Cane/Mud roof	.997	.983	.907	.325	.069	.680
Sod roof	.000	.000	.003	.002	.000	.001
Rustic mat roof	.000	.000	.001	.001	.000	.000
Bamboo with mud roof	.000	.003	.019	.008	.001	.006
Wood planks roof	.000	.000	.000	.000	.001	.000
Carton roof	.000	.000	.000	.000	.001	.000
Metal roof	.000	.000	.008	.053	.046	.020
Wood roof	.000	.000	.000	.000	.001	.000
Calamine, cement fiber roof	.000	.000	.020	.514	.765	.240
Ceramic tile roof	.000	.000	.000	.026	.009	.007
Cement roof	.000	.000	.000	.002	.097	.017
Boards, Wood planks roof	.000	.000	.000	.000	.005	.001
Other type of roof	.000	.000	.003	.009	.004	.003
Electricity for cooking	.000	.000	.000	.002	.034	.006
Bottled gas for cooking	.000	.000	.000	.000	.076	.013
Natural gas for cooking	.000	.000	.000	.003	.021	.004
Kerosene for cooking	.000	.000	.000	.000	.000	.000
Coal, lignite for cooking	.000	.000	.000	.010	.015	.005
Charcoal for cooking	.000	.001	.004	.181	.603	.142
Wood for cooking	.999	.996	.986	.790	.244	.823
Straw, shrubs, grass for cooking	.001	.001	.003	.000	.002	.002
Crop residues for cooking	.000	.000	.001	.000	.000	.000
Does not cook	.000	.000	.002	.001	.001	.001
Other fuel for cooking	.000	.000	.000	.002	.003	.001

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