

**Descriptive Statistics**

	Std.		Analysis N <sup>a</sup>	Missing N
	Mean	Deviation <sup>a</sup>		
QH101_11 Source of drinking water: Piped - into dwelling	.07	.257	16021	0
QH101_12 Source of drinking water: Piped - to yard/plot	.04	.206	16021	0
QH101_13 Source of drinking water: Piped - to neighbor	.02	.129	16021	0
QH101_14 Source of drinking water: Piped - public tap / standpipe	.05	.214	16021	0
QH101_21 Source of drinking water: Tube well or borehole	.02	.127	16021	0
QH101_31 Source of drinking water: Dug well - protected	.03	.176	16021	0
QH101_32 Source of drinking water: Dug well - unprotected	.10	.295	16021	0
QH101_41 Source of drinking water: Spring - protected	.06	.242	16021	0
QH101_42 Source of drinking water: Spring - unprotected	.24	.430	16021	0
QH101_51 Source of drinking water: Rainwater	.20	.401	16021	0
QH101_61 Source of drinking water: Tanker truck	.00	.056	16021	0
QH101_71 Source of drinking water: Cart with small tank	.02	.141	16021	0
QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel)	.14	.345	16021	0
QH101_91 Source of drinking water: Bottled water	.00	.025	16021	0
QH101_96 Source of drinking water: Other	.00	.049	16021	0
QH109_11 Type of toilet facility: Flush - to piped sewer system	.05	.217	16021	0
QH109_12 Type of toilet facility: Flush - to septic tank	.04	.200	16021	0
QH109_13 Type of toilet facility: Flush - to pit latrine	.01	.089	16021	0
QH109_14 Type of toilet facility: Flush - to somewhere else	.00	.033	16021	0
QH109_21 Type of toilet facility: Pit latrine - ventilated improved pit (VIP)	.02	.136	16021	0
QH109_22 Type of toilet facility: Pit latrine - with slab	.11	.316	16021	0
QH109_23 Type of toilet facility: Pit latrine - without slab/open pit	.33	.471	16021	0
QH109_31 Type of toilet facility: Composting toilet	.01	.087	16021	0
QH109_41 Type of toilet facility: Bucket toilet	.00	.039	16021	0
QH109_51 Type of toilet facility: Hanging toilet/hanging latrine	.01	.079	16021	0
QH109_61 Type of toilet facility: No facility/bush/field	.18	.385	16021	0
QH109_96 Type of toilet facility: Other	.00	.022	16021	0
QH109_11_sh Type of toilet facility: Flush - to piped sewer system - shared	.01	.084	16021	0

**Component Score Coefficient Matrix**

	Component	Sum over each variable	
	1	If has	If does not have
QH101_11 Source of drinking water: Piped - into dwelling	.065	0.234853055	-0.018025552
QH101_12 Source of drinking water: Piped - to yard/plot	.018	0.084611344	-0.003935154
QH101_13 Source of drinking water: Piped - to neighbor	.004	0.027585516	-0.00047821
QH101_14 Source of drinking water: Piped - public tap / standpipe	.002	0.011060496	-0.000556143
QH101_21 Source of drinking water: Tube well or borehole	-.004	-0.030792004	0.000515903
QH101_31 Source of drinking water: Dug well - protected	-.005	-0.026580119	0.000873951
QH101_32 Source of drinking water: Dug well - unprotected	-.017	-0.051271728	0.005479989
QH101_41 Source of drinking water: Spring - protected	-.012	-0.046139	0.003061807
QH101_42 Source of drinking water: Spring - unprotected	-.033	-0.058435328	0.018916766
QH101_51 Source of drinking water: Rainwater	.023	0.045356292	-0.011444549
QH101_61 Source of drinking water: Tanker truck	.005	0.089663214	-0.000286338
QH101_71 Source of drinking water: Cart with small tank	-.002	-0.015325387	0.00031932
QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel)	-.021	-0.05375419	0.00858355
QH101_91 Source of drinking water: Bottled water	.003	0.113530977	-7.09081E-05
QH101_96 Source of drinking water: Other	.003	0.067865268	-0.000165608
QH109_11 Type of toilet facility: Flush - to piped sewer system	.059	0.256917888	-0.013325792
QH109_12 Type of toilet facility: Flush - to septic tank	.045	0.212968031	-0.009309547
QH109_13 Type of toilet facility: Flush - to pit latrine	.008	0.084829153	-0.000688583
QH109_14 Type of toilet facility: Flush - to somewhere else	.004	0.126854937	-0.00013475
QH109_21 Type of toilet facility: Pit latrine - ventilated improved pit (VIP)	.005	0.035466991	-0.000679107
QH109_22 Type of toilet facility: Pit latrine - with slab	.001	0.001950642	-0.000246899
QH109_23 Type of toilet facility: Pit latrine - without slab/open pit	-.032	-0.045698438	0.022642333
QH109_31 Type of toilet facility: Composting toilet	-.005	-0.052066944	0.000396233
QH109_41 Type of toilet facility: Bucket toilet	.005	0.121482164	-0.000182257
QH109_51 Type of toilet facility: Hanging toilet/hanging latrine	.002	0.02807783	-0.000176357
QH109_61 Type of toilet facility: No facility/bush/field	-.017	-0.037013576	0.008191067
QH109_96 Type of toilet facility: Other	.001	0.032370724	-1.61722E-05
QH109_11_sh Type of toilet facility: Flush - to piped sewer system - shared	.016	0.185442801	-0.001317264

QH109_12_sh Type of toilet facility: Flush - to septic tank - shared	.01	.094	16021	0	QH109_12_sh Type of toilet facility: Flush - to septic tank - shared	.014	0.15165609	-0.001375479
QH109_13_sh Type of toilet facility: Flush - to pit latrine - shared	.00	.051	16021	0	QH109_13_sh Type of toilet facility: Flush - to pit latrine - shared	.002	0.043362465	-0.000111255
QH109_14_sh Type of toilet facility: Flush - to somewhere else - shared	.00	.024	16021	0	QH109_14_sh Type of toilet facility: Flush - to somewhere else - shared	.002	0.090278332	-5.07435E-05
QH109_21_sh Type of toilet facility: Pit latrine - ventilated improved pit (VIP) - shared	.01	.093	16021	0	QH109_21_sh Type of toilet facility: Pit latrine - ventilated improved pit (VIP) - shared	.000	-0.00218756	1.91456E-05
QH109_22_sh Type of toilet facility: Pit latrine - with slab - shared	.05	.211	16021	0	QH109_22_sh Type of toilet facility: Pit latrine - with slab - shared	.001	0.003980095	-0.00019438
QH109_23_sh Type of toilet facility: Pit latrine - without slab/open pit - shared	.13	.341	16021	0	QH109_23_sh Type of toilet facility: Pit latrine - without slab/open pit - shared	-0.012	-0.031665446	0.004900224
QH109_31_sh Type of toilet facility: Composting toilet - shared	.00	.061	16021	0	QH109_31_sh Type of toilet facility: Composting toilet - shared	-0.003	-0.042018335	0.000157954
QH109_41_sh Type of toilet facility: Bucket toilet - shared	.00	.008	16021	0	QH109_41_sh Type of toilet facility: Bucket toilet - shared	-0.001	-0.089984116	5.61699E-06
QH109_51_sh Type of toilet facility: Hanging toilet/hanging latrine - shared	.03	.157	16021	0	QH109_51_sh Type of toilet facility: Hanging toilet/hanging latrine - shared	.000	-0.002464814	6.37629E-05
QH109_96_sh Type of toilet facility: Other - shared	.00	.022	16021	0	QH109_96_sh Type of toilet facility: Other - shared	.001	0.049926517	-2.4943E-05
QH112A_1 Main source of lighting: Electricity	.18	.381	16021	0	QH112A_1 Main source of lighting: Electricity	.086	0.186050987	-0.039692944
QH112A_2 Main source of lighting: Pressure lamp (Coleman)	.00	.055	16021	0	QH112A_2 Main source of lighting: Pressure lamp (Coleman)	-0.001	-0.009923428	3.04438E-05
QH112A_3 Main source of lighting: Kerosene	.02	.129	16021	0	QH112A_3 Main source of lighting: Kerosene	-0.003	-0.02407348	0.000415772
QH112A_4 Main source of lighting: Solar lighting	.35	.477	16021	0	QH112A_4 Main source of lighting: Solar lighting	-0.018	-0.025101493	0.01355944
QH112A_5 Main source of lighting: Candles	.01	.087	16021	0	QH112A_5 Main source of lighting: Candles	.000	-5.04647E-05	3.84039E-07
QH112A_6 Main source of lighting: Open fire	.11	.312	16021	0	QH112A_6 Main source of lighting: Open fire	-0.027	-0.076890757	0.009440928
QH112A_7 Main source of lighting: Lantern (battery operated)	.33	.469	16021	0	QH112A_7 Main source of lighting: Lantern (battery operated)	-0.032	-0.046114888	0.022432766
QH112A_96 Main source of lighting: Other	.00	.039	16021	0	QH112A_96 Main source of lighting: Other	-0.002	-0.051283515	8.01505E-05
QH113_1 Type of cooking fuel: Electricity	.06	.235	16021	0	QH113_1 Type of cooking fuel: Electricity	.061	0.245201148	-0.015352516
QH113_2 Type of cooking fuel: Gas (LPG)	.03	.165	16021	0	QH113_2 Type of cooking fuel: Gas (LPG)	.044	0.261826648	-0.007514865
QH113_3 Type of cooking fuel: Kerosene	.01	.102	16021	0	QH113_3 Type of cooking fuel: Kerosene	.015	0.147420267	-0.001552869
QH113_4 Type of cooking fuel: Charcoal	.00	.045	16021	0	QH113_4 Type of cooking fuel: Charcoal	.003	0.058916638	-0.000117914
QH113_5 Type of cooking fuel: Wood	.90	.303	16021	0	QH113_5 Type of cooking fuel: Wood	-0.077	-0.026152	0.229013162
QH113_95 Type of cooking fuel: No food cooked in household	.00	.028	16021	0	QH113_95 Type of cooking fuel: No food cooked in household	-0.001	-0.034526113	2.80384E-05
QH113_96 Type of cooking fuel: Other	.00	.021	16021	0	QH113_96 Type of cooking fuel: Other	.002	0.115905071	-5.06641E-05
QH121A Electricity	.17	.378	16021	0	QH121A Electricity	.084	0.184581424	-0.038383139
QH121B Watch	.17	.374	16021	0	QH121B Watch	.056	0.124764501	-0.025164397
QH121C Radio	.26	.437	16021	0	QH121C Radio	.048	0.080854733	-0.0279088
QH121D Television	.15	.358	16021	0	QH121D Television	.076	0.180021905	-0.031984192
QH121F Non-mobile telephone	.03	.169	16021	0	QH121F Non-mobile telephone	.026	0.15179368	-0.004617855
QH121G Computer/laptop	.12	.327	16021	0	QH121G Computer/laptop	.074	0.199609874	-0.027694824
QH121H Refrigerator	.12	.324	16021	0	QH121H Refrigerator	.082	0.224350456	-0.030294861

QH122A Bicycle	.12	.327	16021	0	QH122A Bicycle	.040	0.106934009	-0.014793272
QH122B Mobile telephone	.60	.490	16021	0	QH122B Mobile telephone	.049	0.040288755	-0.060157268
QH122C Motorcycle or scooter	.01	.083	16021	0	QH122C Motorcycle or scooter	.019	0.221059844	-0.00155627
QH122D Animal-drawn cart	.01	.077	16021	0	QH122D Animal-drawn cart	.011	0.13984918	-0.000843047
QH122E Car or Truck	.06	.234	16021	0	QH122E Car or Truck	.055	0.219749991	-0.013588729
QH122F Boat with a motor	.03	.180	16021	0	QH122F Boat with a motor	.017	0.091944826	-0.003176449
QH123 Bank account	.45	.498	16021	0	QH123 Bank account	.062	0.068221703	-0.056362807
QH142_11 Main floor material: Earth/sand	.15	.360	16021	0	QH142_11 Main floor material: Earth/sand	-.025	-0.05837618	0.010513388
QH142_21 Main floor material: Wood planks	.27	.441	16021	0	QH142_21 Main floor material: Wood planks	.016	0.026548271	-0.009576228
QH142_22 Main floor material: Palm/bamboo	.39	.488	16021	0	QH142_22 Main floor material: Palm/bamboo	-.050	-0.062565092	0.040051138
QH142_31 Main floor material: Polished wood	.08	.267	16021	0	QH142_31 Main floor material: Polished wood	.051	0.178157323	-0.014854475
QH142_32 Main floor material: Vinyl or asphalt strips	.00	.037	16021	0	QH142_32 Main floor material: Vinyl or asphalt strips	.003	0.076269619	-0.000104877
QH142_33 Main floor material: Ceramic tiles	.01	.097	16021	0	QH142_33 Main floor material: Ceramic tiles	.026	0.26670411	-0.002554605
QH142_34 Main floor material: Cement	.05	.218	16021	0	QH142_34 Main floor material: Cement	.033	0.143185042	-0.007565274
QH142_35 Main floor material: Carpet	.00	.044	16021	0	QH142_35 Main floor material: Carpet	.006	0.135370168	-0.000262444
QH142_36 Main floor material: Unpolished floor	.04	.204	16021	0	QH142_36 Main floor material: Unpolished floor	.012	0.057982504	-0.002637288
QH142_96 Main floor material: Other	.00	.044	16021	0	QH142_96 Main floor material: Other	.000	-0.009533695	1.84831E-05
QH143_11 Main roof material: No roof	.00	.049	16021	0	QH143_11 Main roof material: No roof	-.002	-0.04551531	0.000108214
QH143_12 Main roof material: Thatch/palm leaf	.46	.498	16021	0	QH143_12 Main roof material: Thatch/palm leaf	-.061	-0.066306642	0.055656471
QH143_22 Main roof material: Palm/bamboo	.05	.221	16021	0	QH143_22 Main roof material: Palm/bamboo	-.014	-0.060654818	0.003305614
QH143_23 Main roof material: Wood planks	.01	.109	16021	0	QH143_23 Main roof material: Wood planks	.002	0.01567033	-0.00019208
QH143_31 Main roof material: Metal	.45	.497	16021	0	QH143_31 Main roof material: Metal	.067	0.074824331	-0.060858817
QH143_32 Main roof material: Wood	.02	.134	16021	0	QH143_32 Main roof material: Wood	-.002	-0.011103135	0.000208281
QH143_35 Main roof material: Cement	.00	.018	16021	0	QH143_35 Main roof material: Cement	.002	0.13128481	-4.09855E-05
QH143_96 Main roof material: Other	.00	.059	16021	0	QH143_96 Main roof material: Other	-.001	-0.018352599	6.43749E-05
QH144_11 Main wall material: No walls	.01	.071	16021	0	QH144_11 Main wall material: No walls	-.004	-0.052042578	0.000267739
QH144_12 Main wall material: Cane/palm/trunks	.23	.418	16021	0	QH144_12 Main wall material: Cane/palm/trunks	-.031	-0.057808214	0.01691106
QH144_21 Main wall material: Bamboo with mud	.39	.489	16021	0	QH144_21 Main wall material: Bamboo with mud	-.045	-0.055293114	0.035937677
QH144_24 Main wall material: Plywood	.04	.198	16021	0	QH144_24 Main wall material: Plywood	.020	0.095996079	-0.004098498
QH144_25 Main wall material: Cardboard	.00	.060	16021	0	QH144_25 Main wall material: Cardboard	.001	0.024860515	-9.03283E-05
QH144_26 Main wall material: Reused wood	.02	.142	16021	0	QH144_26 Main wall material: Reused wood	-.001	-0.008807774	0.000186384
QH144_31 Main wall material: Cement	.00	.046	16021	0	QH144_31 Main wall material: Cement	.011	0.24082044	-0.00051216
QH144_32 Main wall material: Stone with lime/cement	.00	.022	16021	0	QH144_32 Main wall material: Stone with lime/cement	.006	0.257295165	-0.000128543
QH144_33 Main wall material: Bricks	.01	.103	16021	0	QH144_33 Main wall material: Bricks	.023	0.220788971	-0.002382014
QH144_34 Main wall material: Cement blocks	.00	.061	16021	0	QH144_34 Main wall material: Cement blocks	.011	0.186093357	-0.000687853
QH144_36 Main wall material: Wood planks/shingles	.13	.339	16021	0	QH144_36 Main wall material: Wood planks/shingles	.033	0.083244199	-0.012736752
QH144_37 Main wall material: Fibro	.06	.240	16021	0	QH144_37 Main wall material: Fibro	.040	0.15753581	-0.010297759

QH144_38 Main wall material: Metal/Tin sheet	.09	.283	16021	0
QH144_96 Main wall material: Other	.00	.064	16021	0
HOUSE Owns a house	.53	.499	16021	0
LAND Owns land	.75	.432	16021	0
memsleep Number of members per sleeping room	2.38	1.865	16021	111

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

QH144_38 Main wall material: Metal/Tin sheet	.024
QH144_96 Main wall material: Other	.000
HOUSE Owns a house	-.020
LAND Owns land	-.034
memsleep Number of members per sleeping room	-.011

Extraction Method: Principal Component Analysis.

0.076787938	-0.007398715
-0.001075841	4.38265E-06
-0.018766209	0.021336956
-0.019826053	0.059781264
((memsleep-2.37850408548083)/1.86462315239613)*(-0.0112588994652338)	

**Descriptive Statistics**

	Std.		Analysis N <sup>a</sup>	Missing N
	Mean	Deviation <sup>a</sup>		
QH101_11 Source of drinking water: Piped - into dwelling	.29	.455	3295	0
QH101_12 Source of drinking water: Piped - to yard/plot	.12	.326	3295	0
QH101_13 Source of drinking water: Piped - to neighbor	.04	.202	3295	0
QH101_14 Source of drinking water: Piped - public tap / standpipe	.08	.273	3295	0
QH101_21 Source of drinking water: Tube well or borehole	.01	.097	3295	0
QH101_31 Source of drinking water: Dug well - protected	.02	.149	3295	0
QH101_32 Source of drinking water: Dug well - unprotected	.04	.196	3295	0
QH101_41 Source of drinking water: Spring - protected	.02	.135	3295	0
QH101_42 Source of drinking water: Spring - unprotected	.05	.220	3295	0
QH101_51 Source of drinking water: Rainwater	.27	.444	3295	0
QH101_61 Source of drinking water: Tanker truck	.00	.067	3295	0
QH101_71 Source of drinking water: Cart with small tank	.02	.132	3295	0
QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel)	.02	.144	3295	0
QH101_91 Source of drinking water: Bottled water	.00	.046	3295	0
QH101_96 Source of drinking water: Other	.00	.055	3295	0
QH109_11 Type of toilet facility: Flush - to piped sewer system	.21	.409	3295	0
QH109_12 Type of toilet facility: Flush - to septic tank	.15	.358	3295	0
QH109_13 Type of toilet facility: Flush - to pit latrine	.01	.111	3295	0
QH109_14 Type of toilet facility: Flush - to somewhere else	.00	.046	3295	0
QH109_21 Type of toilet facility: Pit latrine - ventilated improved pit (VIP)	.02	.139	3295	0
QH109_22 Type of toilet facility: Pit latrine - with slab	.09	.289	3295	0
QH109_23 Type of toilet facility: Pit latrine - without slab/open pit	.14	.350	3295	0
QH109_31 Type of toilet facility: Composting toilet	.00	.052	3295	0
QH109_41 Type of toilet facility: Bucket toilet	.01	.081	3295	0
QH109_51 Type of toilet facility: Hanging toilet/hanging latrine	.00	.063	3295	0
QH109_61 Type of toilet facility: No facility/bush/field	.07	.263	3295	0
QH109_96 Type of toilet facility: Other	.00	.030	3295	0
QH109_11_sh Type of toilet facility: Flush - to piped sewer system - shared	.03	.167	3295	0

**Component Score Coefficient Matrix**

	Component	Sum over each variable	
	1	If has	If does not have
QH101_11 Source of drinking water: Piped - into dwelling	.074	0.115089939	-0.047596182
QH101_12 Source of drinking water: Piped - to yard/plot	-.003	-0.008084039	0.001113788
QH101_13 Source of drinking water: Piped - to neighbor	-.013	-0.062089304	0.002775711
QH101_14 Source of drinking water: Piped - public tap / standpipe	-.017	-0.05626099	0.004981151
QH101_21 Source of drinking water: Tube well or borehole	-.009	-0.087785074	0.000833743
QH101_31 Source of drinking water: Dug well - protected	-.018	-0.118259135	0.002754483
QH101_32 Source of drinking water: Dug well - unprotected	-.032	-0.154718927	0.006456813
QH101_41 Source of drinking water: Spring - protected	-.018	-0.13103884	0.002471666
QH101_42 Source of drinking water: Spring - unprotected	-.028	-0.12270896	0.006592614
QH101_51 Source of drinking water: Rainwater	-.008	-0.013403073	0.004975256
QH101_61 Source of drinking water: Tanker truck	.002	0.031710358	-0.000145017
QH101_71 Source of drinking water: Cart with small tank	-.007	-0.049699883	0.000890514
QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel)	-.019	-0.127890955	0.002775928
QH101_91 Source of drinking water: Bottled water	.002	0.033179987	-7.06387E-05
QH101_96 Source of drinking water: Other	-.002	-0.038542663	0.000117329
QH109_11 Type of toilet facility: Flush - to piped sewer system	.066	0.127142005	-0.034296495
QH109_12 Type of toilet facility: Flush - to septic tank	.038	0.090856897	-0.0161004
QH109_13 Type of toilet facility: Flush - to pit latrine	.004	0.038365259	-0.000483398
QH109_14 Type of toilet facility: Flush - to somewhere else	.003	0.074699543	-0.000159032
QH109_21 Type of toilet facility: Pit latrine - ventilated improved pit (VIP)	-.003	-0.022369258	0.000450155
QH109_22 Type of toilet facility: Pit latrine - with slab	-.017	-0.053544611	0.005402764
QH109_23 Type of toilet facility: Pit latrine - without slab/open pit	-.032	-0.078866651	0.013186348
QH109_31 Type of toilet facility: Composting toilet	-.008	-0.160430773	0.000439403
QH109_41 Type of toilet facility: Bucket toilet	-.001	-0.00765668	5.14656E-05
QH109_51 Type of toilet facility: Hanging toilet/hanging latrine	-.001	-0.014765897	5.84877E-05
QH109_61 Type of toilet facility: No facility/bush/field	-.029	-0.101771645	0.008247243
QH109_96 Type of toilet facility: Other	-.001	-0.043433654	3.95811E-05
QH109_11_sh Type of toilet facility: Flush - to piped sewer system - shared	.010	0.058601172	-0.001739722

QH109_12_sh Type of toilet facility: Flush - to septic tank - shared	.03	.165	3295	0	QH109_12_sh Type of toilet facility: Flush - to septic tank - shared	.006	0.037836487	-0.00108678
QH109_13_sh Type of toilet facility: Flush - to pit latrine - shared	.00	.063	3295	0	QH109_13_sh Type of toilet facility: Flush - to pit latrine - shared	.001	0.010344723	-4.09754E-05
QH109_14_sh Type of toilet facility: Flush - to somewhere else - shared	.00	.043	3295	0	QH109_14_sh Type of toilet facility: Flush - to somewhere else - shared	-.002	-0.051603516	9.41384E-05
QH109_21_sh Type of toilet facility: Pit latrine - ventilated improved pit (VIP) - shared	.01	.119	3295	0	QH109_21_sh Type of toilet facility: Pit latrine - ventilated improved pit (VIP) - shared	-.010	-0.0857824	0.001241309
QH109_22_sh Type of toilet facility: Pit latrine - with slab - shared	.06	.233	3295	0	QH109_22_sh Type of toilet facility: Pit latrine - with slab - shared	-.018	-0.072174135	0.004391794
QH109_23_sh Type of toilet facility: Pit latrine - without slab/open pit - shared	.12	.328	3295	0	QH109_23_sh Type of toilet facility: Pit latrine - without slab/open pit - shared	-.037	-0.099150359	0.013816596
QH109_31_sh Type of toilet facility: Composting toilet - shared	.00	.052	3295	0	QH109_31_sh Type of toilet facility: Composting toilet - shared	-.005	-0.093386821	0.000255776
QH109_51_sh Type of toilet facility: Hanging toilet/hanging latrine - shared	.02	.122	3295	0	QH109_51_sh Type of toilet facility: Hanging toilet/hanging latrine - shared	-.012	-0.093584742	0.001441984
QH109_96_sh Type of toilet facility: Other - shared	.00	.030	3295	0	QH109_96_sh Type of toilet facility: Other - shared	.004	0.120969485	-0.00011024
QH112A_1 Main source of lighting: Electricity	.57	.494	3295	0	QH112A_1 Main source of lighting: Electricity	.097	0.083327101	-0.112509416
QH112A_2 Main source of lighting: Pressure lamp (Coleman)	.00	.049	3295	0	QH112A_2 Main source of lighting: Pressure lamp (Coleman)	-.005	-0.096439312	0.000234717
QH112A_3 Main source of lighting: Kerosene	.01	.100	3295	0	QH112A_3 Main source of lighting: Kerosene	-.012	-0.115137462	0.001164787
QH112A_4 Main source of lighting: Solar lighting	.17	.379	3295	0	QH112A_4 Main source of lighting: Solar lighting	-.047	-0.101976276	0.021421384
QH112A_5 Main source of lighting: Candles	.02	.148	3295	0	QH112A_5 Main source of lighting: Candles	-.018	-0.117119319	0.002690726
QH112A_6 Main source of lighting: Open fire	.01	.072	3295	0	QH112A_6 Main source of lighting: Open fire	-.011	-0.147597813	0.000765455
QH112A_7 Main source of lighting: Lantern (battery operated)	.20	.402	3295	0	QH112A_7 Main source of lighting: Lantern (battery operated)	-.064	-0.126550235	0.032119105
QH112A_96 Main source of lighting: Other	.00	.017	3295	0	QH112A_96 Main source of lighting: Other	-.004	-0.229793667	6.97613E-05
QH113_1 Type of cooking fuel: Electricity	.24	.428	3295	0	QH113_1 Type of cooking fuel: Electricity	.065	0.115544703	-0.036621482
QH113_2 Type of cooking fuel: Gas (LPG)	.11	.313	3295	0	QH113_2 Type of cooking fuel: Gas (LPG)	.045	0.128070125	-0.015855885
QH113_3 Type of cooking fuel: Kerosene	.04	.202	3295	0	QH113_3 Type of cooking fuel: Kerosene	.002	0.011012394	-0.000492311
QH113_4 Type of cooking fuel: Charcoal	.01	.072	3295	0	QH113_4 Type of cooking fuel: Charcoal	-.003	-0.042577408	0.00022081
QH113_5 Type of cooking fuel: Wood	.60	.490	3295	0	QH113_5 Type of cooking fuel: Wood	-.086	-0.070621083	0.105131537
QH113_96 Type of cooking fuel: Other	.00	.039	3295	0	QH113_96 Type of cooking fuel: Other	-.001	-0.01676987	2.54861E-05
QH121A Electricity	.55	.497	3295	0	QH121A Electricity	.096	0.086468389	-0.106040625
QH121B Watch	.38	.485	3295	0	QH121B Watch	.060	0.076754041	-0.046493798
QH121C Radio	.47	.499	3295	0	QH121C Radio	.049	0.051648822	-0.046382784
QH121D Television	.46	.499	3295	0	QH121D Television	.082	0.088003289	-0.076472512
QH121F Non-mobile telephone	.08	.275	3295	0	QH121F Non-mobile telephone	.027	0.091154981	-0.008168981
QH121G Computer/laptop	.41	.491	3295	0	QH121G Computer/laptop	.081	0.097711709	-0.06688956
QH121H Refrigerator	.44	.497	3295	0	QH121H Refrigerator	.093	0.10489556	-0.082947304
QH122A Bicycle	.25	.433	3295	0	QH122A Bicycle	.035	0.060087183	-0.020037167
QH122B Mobile telephone	.88	.324	3295	0	QH122B Mobile telephone	.046	0.016875735	-0.124614203
QH122C Motorcycle or scooter	.02	.142	3295	0	QH122C Motorcycle or scooter	.018	0.122909773	-0.00258998
QH122D Animal-drawn cart	.02	.125	3295	0	QH122D Animal-drawn cart	.010	0.07685245	-0.001232293
QH122E Car or Truck	.20	.399	3295	0	QH122E Car or Truck	.057	0.114855084	-0.028550563

QH122F Boat with a motor	.05	.224	3295	0	QH122F Boat with a motor	.017	0.070320419	-0.003944254
QH123 Bank account	.84	.367	3295	0	QH123 Bank account	.055	0.02420475	-0.12713235
QH142_11 Main floor material: Earth/sand	.05	.213	3295	0	QH142_11 Main floor material: Earth/sand	-.029	-0.129413304	0.006474789
QH142_21 Main floor material: Wood planks	.39	.487	3295	0	QH142_21 Main floor material: Wood planks	-.033	-0.041600561	0.02619066
QH142_22 Main floor material: Palm/bamboo	.07	.259	3295	0	QH142_22 Main floor material: Palm/bamboo	-.045	-0.161351459	0.012561874
QH142_31 Main floor material: Polished wood	.22	.416	3295	0	QH142_31 Main floor material: Polished wood	.052	0.097242993	-0.027870502
QH142_32 Main floor material: Vinyl or asphalt strips	.00	.052	3295	0	QH142_32 Main floor material: Vinyl or asphalt strips	-.001	-0.014065617	3.85242E-05
QH142_33 Main floor material: Ceramic tiles	.04	.198	3295	0	QH142_33 Main floor material: Ceramic tiles	.027	0.129525887	-0.005533543
QH142_34 Main floor material: Cement	.14	.349	3295	0	QH142_34 Main floor material: Cement	.021	0.052342298	-0.008643512
QH142_35 Main floor material: Carpet	.00	.065	3295	0	QH142_35 Main floor material: Carpet	.001	0.018581917	-7.92889E-05
QH142_36 Main floor material: Unpolished floor	.07	.262	3295	0	QH142_36 Main floor material: Unpolished floor	-.001	-0.002789213	0.000224052
QH142_96 Main floor material: Other	.00	.039	3295	0	QH142_96 Main floor material: Other	-.004	-0.098342338	0.000149456
QH143_11 Main roof material: No roof	.00	.030	3295	0	QH143_11 Main roof material: No roof	.000	-0.014739499	1.34321E-05
QH143_12 Main roof material: Thatch/palm leaf	.08	.271	3295	0	QH143_12 Main roof material: Thatch/palm leaf	-.049	-0.165026091	0.014255468
QH143_22 Main roof material: Palm/bamboo	.01	.101	3295	0	QH143_22 Main roof material: Palm/bamboo	-.018	-0.173895337	0.001813076
QH143_23 Main roof material: Wood planks	.02	.134	3295	0	QH143_23 Main roof material: Wood planks	-.003	-0.021567193	0.00040001
QH143_31 Main roof material: Metal	.87	.340	3295	0	QH143_31 Main roof material: Metal	.045	0.017671816	-0.114665989
QH143_32 Main roof material: Wood	.01	.112	3295	0	QH143_32 Main roof material: Wood	.005	0.044670642	-0.00057675
QH143_35 Main roof material: Cement	.00	.035	3295	0	QH143_35 Main roof material: Cement	.000	0.002479265	-3.01339E-06
QH143_96 Main roof material: Other	.00	.070	3295	0	QH143_96 Main roof material: Other	-.007	-0.103354375	0.000504321
QH144_11 Main wall material: No walls	.00	.039	3295	0	QH144_11 Main wall material: No walls	-.006	-0.14424679	0.00021922
QH144_12 Main wall material: Cane/palm/trunks	.06	.235	3295	0	QH144_12 Main wall material: Cane/palm/trunks	-.033	-0.133375182	0.008298327
QH144_21 Main wall material: Bamboo with mud	.09	.285	3295	0	QH144_21 Main wall material: Bamboo with mud	-.046	-0.147216411	0.014368557
QH144_24 Main wall material: Plywood	.11	.307	3295	0	QH144_24 Main wall material: Plywood	.003	0.009632883	-0.001130206
QH144_25 Main wall material: Cardboard	.01	.103	3295	0	QH144_25 Main wall material: Cardboard	-.010	-0.099425925	0.001067456
QH144_26 Main wall material: Reused wood	.03	.180	3295	0	QH144_26 Main wall material: Reused wood	-.018	-0.096542203	0.003334268
QH144_31 Main wall material: Cement	.01	.090	3295	0	QH144_31 Main wall material: Cement	.010	0.11473144	-0.000947904
QH144_32 Main wall material: Stone with lime/cement	.00	.046	3295	0	QH144_32 Main wall material: Stone with lime/cement	.005	0.118714168	-0.000252737
QH144_33 Main wall material: Bricks	.04	.195	3295	0	QH144_33 Main wall material: Bricks	.023	0.111658593	-0.004586293
QH144_34 Main wall material: Cement blocks	.02	.122	3295	0	QH144_34 Main wall material: Cement blocks	.008	0.068349213	-0.001053147
QH144_36 Main wall material: Wood planks/shingles	.24	.426	3295	0	QH144_36 Main wall material: Wood planks/shingles	.024	0.042497456	-0.013224437
QH144_37 Main wall material: Fibro	.18	.387	3295	0	QH144_37 Main wall material: Fibro	.034	0.072800607	-0.01630712
QH144_38 Main wall material: Metal/Tin sheet	.20	.401	3295	0	QH144_38 Main wall material: Metal/Tin sheet	-.012	-0.024849012	0.006247644
QH144_96 Main wall material: Other	.01	.085	3295	0	QH144_96 Main wall material: Other	-.009	-0.105170698	0.000771659
HOUSE Owns a house	.41	.492	3295	0	HOUSE Owns a house	-.025	-0.030389714	0.021385936
LAND Owns land	.45	.497	3295	0	LAND Owns land	-.001	-0.001479746	0.001190442
memsleep Number of members per sleeping room	2.31	1.696	3295	26	memsleep Number of members per sleeping room	-.016	((memsleep-2.30620985010707)/1.69631945052098)*(-0.015754108976585)	

QH118A_1 Pigs: 1-4	.0701	.25536	3295	0
QH118A_2 Pigs: 5-9	.0109	.10397	3295	0
QH118A_3 Pigs: 10+	.0030	.05501	3295	0
QH118B_1 Chickens: 1-9	.0252	.15672	3295	0
QH118B_2 Chickens: 10-29	.0091	.09500	3295	0
QH118B_3 Chickens: 30+	.0249	.15580	3295	0
QH118C_1 Sheep: 1-4	.0003	.01742	3295	0
QH118D_1 Goats: 1-4	.0024	.04922	3295	0
QH118D_2 Goats: 5-9	.0006	.02463	3295	0
QH118E_1 Cows/bulls: 1-4	.0006	.02463	3295	0
QH118E_3 Cows/bulls: 5+	.0003	.01742	3295	0
QH118G_1 Cassowary: 1-4	.0018	.04264	3295	0
QH118H_1 Ducks: 1-9	.0067	.08145	3295	0
QH118H_2 Ducks: 10-29	.0030	.05501	3295	0
QH118H_3 Ducks: 30+	.0003	.01742	3295	0
QH118I_1 Other: 1-4	.0021	.04605	3295	0
QH118I_2 Other: 5-9	.0006	.02463	3295	0
QH118I_3 Other: 10+	.0027	.05220	3295	0
landarea	4.9154	18.47997	3295	290

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

QH118A_1 Pigs: 1-4	-.011	-0.039005524	0.002940691
QH118A_2 Pigs: 5-9	.002	0.018172508	-0.00020074
QH118A_3 Pigs: 10+	-.001	-0.011773554	3.58403E-05
QH118B_1 Chickens: 1-9	-.011	-0.070729126	0.001827683
QH118B_2 Chickens: 10-29	-.001	-0.01265851	0.000116311
QH118B_3 Chickens: 30+	.000	0.002313365	-5.90401E-05
QH118C_1 Sheep: 1-4	-.004	-0.226511396	6.87648E-05
QH118D_1 Goats: 1-4	.002	0.049103227	-0.000119509
QH118D_2 Goats: 5-9	.004	0.18083686	-0.000109831
QH118E_1 Cows/bulls: 1-4	.004	0.169343725	-0.000102851
QH118E_3 Cows/bulls: 5+	.002	0.097595133	-2.96282E-05
QH118G_1 Cassowary: 1-4	.000	-0.007988155	1.45725E-05
QH118H_1 Ducks: 1-9	.001	0.014156377	-9.51544E-05
QH118H_2 Ducks: 10-29	.002	0.044230428	-0.000134644
QH118H_3 Ducks: 30+	.000	-0.017854413	5.42028E-06
QH118I_1 Other: 1-4	.002	0.042030059	-8.94801E-05
QH118I_2 Other: 5-9	-.001	-0.051298183	3.11559E-05
QH118I_3 Other: 10+	.005	0.098395077	-0.000269494
landarea	.003	((landarea-4.91544093178037)/18.4799724503874)*(0.0031191011330848)	

Extraction Method: Principal Component Analysis.  
Component Scores.



Component Score Coefficient Matrix

Descriptive Statistics				
	Mean	Std. Deviation <sup>a</sup>	Analysis N <sup>a</sup>	Missing N
QH101_11 Source of drinking water: Piped - into dwelling	.01	.117	12726	0
QH101_12 Source of drinking water: Piped - to yard/plot	.02	.155	12726	0
QH101_13 Source of drinking water: Piped - to neighbor	.01	.101	12726	0
QH101_14 Source of drinking water: Piped - public tap / standpipe	.04	.194	12726	0
QH101_21 Source of drinking water: Tube well or borehole	.02	.134	12726	0
QH101_31 Source of drinking water: Dug well - protected	.03	.182	12726	0
QH101_32 Source of drinking water: Dug well - unprotected	.11	.314	12726	0
QH101_41 Source of drinking water: Spring - protected	.07	.261	12726	0
QH101_42 Source of drinking water: Spring - unprotected	.29	.456	12726	0
QH101_51 Source of drinking water: Rainwater	.18	.387	12726	0
QH101_61 Source of drinking water: Tanker truck	.00	.053	12726	0
QH101_71 Source of drinking water: Cart with small tank	.02	.144	12726	0
QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel)	.17	.374	12726	0
QH101_91 Source of drinking water: Bottled water	.00	.015	12726	0
QH101_96 Source of drinking water: Other	.00	.048	12726	0
QH109_11 Type of toilet facility: Flush - to piped sewer system	.01	.084	12726	0
QH109_12 Type of toilet facility: Flush - to septic tank	.01	.116	12726	0
QH109_13 Type of toilet facility: Flush - to pit latrine	.01	.083	12726	0
QH109_14 Type of toilet facility: Flush - to somewhere else	.00	.028	12726	0
QH109_21 Type of toilet facility: Pit latrine - ventilated improved pit (VIP)	.02	.135	12726	0
QH109_22 Type of toilet facility: Pit latrine - with slab	.12	.322	12726	0
QH109_23 Type of toilet facility: Pit latrine - without slab/open pit	.38	.485	12726	0
QH109_31 Type of toilet facility: Composting toilet	.01	.093	12726	0
QH109_41 Type of toilet facility: Bucket toilet	.00	.013	12726	0
QH109_51 Type of toilet facility: Hanging toilet/hanging latrine	.01	.082	12726	0
QH109_61 Type of toilet facility: No facility/bush/field	.21	.406	12726	0
QH109_96 Type of toilet facility: Other	.00	.020	12726	0
QH109_11_sh Type of toilet facility: Flush - to piped sewer system - shared	.00	.038	12726	0
QH109_12_sh Type of toilet facility: Flush - to septic tank - shared	.00	.064	12726	0
QH109_13_sh Type of toilet facility: Flush - to pit latrine - shared	.00	.047	12726	0
QH109_14_sh Type of toilet facility: Flush - to somewhere else - shared	.00	.015	12726	0

	Component	Sum over each variable	
	1	If has	If does not have
QH101_11 Source of drinking water: Piped - into dwelling	.049	0.412727875	-0.005854763
QH101_12 Source of drinking water: Piped - to yard/plot	.023	0.147239423	-0.003712716
QH101_13 Source of drinking water: Piped - to neighbor	.003	0.028482952	-0.000298535
QH101_14 Source of drinking water: Piped - public tap / standpipe	.004	0.020303313	-0.000828605
QH101_21 Source of drinking water: Tube well or borehole	-.002	-0.01418365	0.000264531
QH101_31 Source of drinking water: Dug well - protected	.001	0.003303417	-0.000116914
QH101_32 Source of drinking water: Dug well - unprotected	-.016	-0.04508153	0.005639675
QH101_41 Source of drinking water: Spring - protected	-.010	-0.03403254	0.00270182
QH101_42 Source of drinking water: Spring - unprotected	-.042	-0.06422665	0.02683266
QH101_51 Source of drinking water: Rainwater	.059	0.125263925	-0.028163285
QH101_61 Source of drinking water: Tanker truck	.012	0.228271718	-0.000647579
QH101_71 Source of drinking water: Cart with small tank	.000	-0.00323803	6.9923E-05
QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel)	-.022	-0.04818835	0.009719576
QH101_91 Source of drinking water: Bottled water	.000	-0.01201223	2.8324E-06
QH101_96 Source of drinking water: Other	.011	0.239184784	-0.000546299
QH109_11 Type of toilet facility: Flush - to piped sewer system	.045	0.533846418	-0.003802325
QH109_12 Type of toilet facility: Flush - to septic tank	.060	0.505684836	-0.00705082
QH109_13 Type of toilet facility: Flush - to pit latrine	.015	0.183267966	-0.001276118
QH109_14 Type of toilet facility: Flush - to somewhere else	.007	0.24744759	-0.000194595
QH109_21 Type of toilet facility: Pit latrine - ventilated improved pit (VIP)	.017	0.121052068	-0.002287293
QH109_22 Type of toilet facility: Pit latrine - with slab	.019	0.051614041	-0.006886163
QH109_23 Type of toilet facility: Pit latrine - without slab/open pit	-.038	-0.04903887	0.030057283
QH109_31 Type of toilet facility: Composting toilet	-.004	-0.04335828	0.000384979
QH109_41 Type of toilet facility: Bucket toilet	.004	0.351129613	-5.51917E-05
QH109_51 Type of toilet facility: Hanging toilet/hanging latrine	.010	0.11737969	-0.000807978
QH109_61 Type of toilet facility: No facility/bush/field	-.010	-0.01859313	0.004904007
QH109_96 Type of toilet facility: Other	.001	0.066793503	-2.62532E-05
QH109_11_sh Type of toilet facility: Flush - to piped sewer system - shared	.014	0.362371043	-0.000513273
QH109_12_sh Type of toilet facility: Flush - to septic tank - shared	.023	0.352088571	-0.00144458
QH109_13_sh Type of toilet facility: Flush - to pit latrine - shared	.003	0.064535702	-0.000142306
QH109_14_sh Type of toilet facility: Flush - to somewhere else - shared	.004	0.288543753	-6.80367E-05

QH109_21_sh Type of toilet facility: Pit latrine - ventilated improved pit (VIP) - shared	.01	.085	12726	0
QH109_22_sh Type of toilet facility: Pit latrine - with slab - shared	.04	.205	12726	0
QH109_23_sh Type of toilet facility: Pit latrine - without slab/open pit - shared	.14	.344	12726	0
QH109_31_sh Type of toilet facility: Composting toilet - shared	.00	.063	12726	0
QH109_41_sh Type of toilet facility: Bucket toilet - shared	.00	.009	12726	0
QH109_51_sh Type of toilet facility: Hanging toilet/hanging latrine - shared	.03	.164	12726	0
QH109_96_sh Type of toilet facility: Other - shared	.00	.020	12726	0
QH112A_1 Main source of lighting: Electricity	.07	.260	12726	0
QH112A_2 Main source of lighting: Pressure lamp (Coleman)	.00	.057	12726	0
QH112A_3 Main source of lighting: Kerosene	.02	.136	12726	0
QH112A_4 Main source of lighting: Solar lighting	.40	.489	12726	0
QH112A_5 Main source of lighting: Candles	.00	.061	12726	0
QH112A_6 Main source of lighting: Open fire	.14	.343	12726	0
QH112A_7 Main source of lighting: Lantern (battery operated)	.36	.480	12726	0
QH112A_96 Main source of lighting: Other	.00	.043	12726	0
QH113_1 Type of cooking fuel: Electricity	.01	.108	12726	0
QH113_2 Type of cooking fuel: Gas (LPG)	.01	.081	12726	0
QH113_3 Type of cooking fuel: Kerosene	.00	.045	12726	0
QH113_4 Type of cooking fuel: Charcoal	.00	.034	12726	0
QH113_5 Type of cooking fuel: Wood	.98	.156	12726	0
QH113_95 Type of cooking fuel: No food cooked in household	.00	.032	12726	0
QH113_96 Type of cooking fuel: Other	.00	.013	12726	0
QH121A Electricity	.07	.262	12726	0
QH121B Watch	.11	.317	12726	0
QH121C Radio	.20	.400	12726	0
QH121D Television	.07	.254	12726	0
QH121F Non-mobile telephone	.02	.125	12726	0
QH121G Computer/laptop	.05	.214	12726	0
QH121H Refrigerator	.04	.185	12726	0
QH122A Bicycle	.09	.284	12726	0
QH122B Mobile telephone	.53	.499	12726	0
QH122C Motorcycle or scooter	.00	.059	12726	0
QH122D Animal-drawn cart	.00	.059	12726	0
QH122E Car or Truck	.02	.146	12726	0
QH122F Boat with a motor	.03	.166	12726	0
QH123 Bank account	.35	.478	12726	0
QH142_11 Main floor material: Earth/sand	.18	.384	12726	0
QH142_21 Main floor material: Wood planks	.23	.423	12726	0
QH142_22 Main floor material: Palm/bamboo	.47	.499	12726	0
QH142_31 Main floor material: Polished wood	.04	.194	12726	0
QH142_32 Main floor material: Vinyl or asphalt strips	.00	.032	12726	0
QH142_33 Main floor material: Ceramic tiles	.00	.037	12726	0
QH142_34 Main floor material: Cement	.03	.161	12726	0
QH142_35 Main floor material: Carpet	.00	.037	12726	0
QH142_36 Main floor material: Unpolished floor	.04	.185	12726	0

QH109_21_sh Type of toilet facility: Pit latrine - ventilated improved pit (VIP) - shared	.001	0.011490134	-8.36704E-05
QH109_22_sh Type of toilet facility: Pit latrine - with slab - shared	.010	0.044526695	-0.002038078
QH109_23_sh Type of toilet facility: Pit latrine - without slab/open pit - shared	-.012	-0.03113449	0.004944323
QH109_31_sh Type of toilet facility: Composting toilet - shared	-.003	-0.04636332	0.000186551
QH109_41_sh Type of toilet facility: Bucket toilet - shared	-.001	-0.13092431	1.02887E-05
QH109_51_sh Type of toilet facility: Hanging toilet/hanging latrine - shared	.011	0.064245788	-0.001838265
QH109_96_sh Type of toilet facility: Other - shared	-.002	-0.1112978	4.37457E-05
QH112A_1 Main source of lighting: Electricity	.104	0.370001144	-0.028968061
QH112A_2 Main source of lighting: Pressure lamp (Coleman)	.002	0.035037771	-0.000113248
QH112A_3 Main source of lighting: Kerosene	.001	0.009888121	-0.000189258
QH112A_4 Main source of lighting: Solar lighting	.008	0.010416376	-0.006846132
QH112A_5 Main source of lighting: Candles	.000	-0.00111174	4.12113E-06
QH112A_6 Main source of lighting: Open fire	-.041	-0.10257995	0.016192904
QH112A_7 Main source of lighting: Lantern (battery operated)	-.036	-0.04780725	0.026842452
QH112A_96 Main source of lighting: Other	-.002	-0.0349548	6.60459E-05
QH113_1 Type of cooking fuel: Electricity	.062	0.565064616	-0.006785269
QH113_2 Type of cooking fuel: Gas (LPG)	.051	0.624697771	-0.004150816
QH113_3 Type of cooking fuel: Kerosene	.015	0.327614898	-0.000670708
QH113_4 Type of cooking fuel: Charcoal	.004	0.10213267	-0.000120525
QH113_5 Type of cooking fuel: Wood	-.076	-0.01211202	0.472597459
QH113_95 Type of cooking fuel: No food cooked in household	.001	0.022492041	-2.29998E-05
QH113_96 Type of cooking fuel: Other	.004	0.316773471	-4.97915E-05
QH121A Electricity	.100	0.353228677	-0.028269086
QH121B Watch	.068	0.19106227	-0.024492557
QH121C Radio	.058	0.115145116	-0.028882479
QH121D Television	.089	0.324348236	-0.024241887
QH121F Non-mobile telephone	.021	0.165374887	-0.002667337
QH121G Computer/laptop	.083	0.369727205	-0.018710706
QH121H Refrigerator	.093	0.485108636	-0.017823543
QH122A Bicycle	.055	0.17517678	-0.01695454
QH122B Mobile telephone	.065	0.06143108	-0.068151537
QH122C Motorcycle or scooter	.025	0.417330023	-0.00144792
QH122D Animal-drawn cart	.010	0.174751366	-0.000606297
QH122E Car or Truck	.058	0.391693751	-0.008715493
QH122F Boat with a motor	.029	0.167201139	-0.004867573
QH123 Bank account	.080	0.108643999	-0.059025602
QH142_11 Main floor material: Earth/sand	-.031	-0.06706197	0.014699922
QH142_21 Main floor material: Wood planks	.042	0.07643824	-0.023310841
QH142_22 Main floor material: Palm/bamboo	-.064	-0.0675927	0.060582637
QH142_31 Main floor material: Polished wood	.064	0.318368296	-0.01299303
QH142_32 Main floor material: Vinyl or asphalt strips	.006	0.19083713	-0.000195145
QH142_33 Main floor material: Ceramic tiles	.023	0.616593209	-0.000824777
QH142_34 Main floor material: Cement	.045	0.275724555	-0.007500135
QH142_35 Main floor material: Carpet	.014	0.371494061	-0.000496923
QH142_36 Main floor material: Unpolished floor	.025	0.128819555	-0.004743885

QH142_96 Main floor material: Other	.00	.045	12726	0
QH143_11 Main roof material: No roof	.00	.052	12726	0
QH143_12 Main roof material: Thatch/palm leaf	.55	.497	12726	0
QH143_22 Main roof material: Palm/bamboo	.06	.242	12726	0
QH143_23 Main roof material: Wood planks	.01	.102	12726	0
QH143_31 Main roof material: Metal	.34	.474	12726	0
QH143_32 Main roof material: Wood	.02	.140	12726	0
QH143_35 Main roof material: Cement	.00	.009	12726	0
QH143_96 Main roof material: Other	.00	.056	12726	0
QH144_11 Main wall material: No walls	.01	.078	12726	0
QH144_12 Main wall material: Cane/palm/trunks	.27	.444	12726	0
QH144_21 Main wall material: Bamboo with mud	.47	.499	12726	0
QH144_24 Main wall material: Plywood	.02	.154	12726	0
QH144_25 Main wall material: Cardboard	.00	.042	12726	0
QH144_26 Main wall material: Reused wood	.02	.131	12726	0
QH144_31 Main wall material: Cement	.00	.023	12726	0
QH144_32 Main wall material: Stone with lime/cement	.00	.009	12726	0
QH144_33 Main wall material: Bricks	.00	.057	12726	0
QH144_34 Main wall material: Cement blocks	.00	.027	12726	0
QH144_36 Main wall material: Wood planks/shingles	.11	.307	12726	0
QH144_37 Main wall material: Fibro	.03	.170	12726	0
QH144_38 Main wall material: Metal/Tin sheet	.06	.235	12726	0
QH144_96 Main wall material: Other	.00	.057	12726	0
HOUSE Owns a house	.56	.496	12726	0
LAND Owns land	.83	.376	12726	0
memsleep Number of members per sleeping room	2.40	1.905	12726	85
QH118A_1 Pigs: 1-4	.2771	.44761	12726	0
QH118A_2 Pigs: 5-9	.0758	.26473	12726	0
QH118A_3 Pigs: 10+	.0292	.16846	12726	0
QH118B_1 Chickens: 1-9	.1181	.32274	12726	0
QH118B_2 Chickens: 10-29	.0399	.19577	12726	0
QH118B_3 Chickens: 30+	.0229	.14948	12726	0
QH118C_1 Sheep: 1-4	.0012	.03431	12726	0
QH118C_2 Sheep: 5-9	.0006	.02345	12726	0
QH118C_3 Sheep: 10+	.0002	.01254	12726	0
QH118D_1 Goats: 1-4	.0153	.12284	12726	0
QH118D_2 Goats: 5-9	.0034	.05803	12726	0
QH118D_3 Goats: 10+	.0011	.03315	12726	0
QH118E_1 Cows/bulls: 1-4	.0027	.05162	12726	0
QH118E_3 Cows/bulls: 5+	.0007	.02659	12726	0
QH118F_1 Buffalo: 1-4	.0003	.01773	12726	0
QH118G_1 Cassowary: 1-4	.0065	.08050	12726	0
QH118G_2 Cassowary: 5-9	.0002	.01535	12726	0
QH118G_3 Cassowary: 10+	.0002	.01535	12726	0
QH118H_1 Ducks: 1-9	.0078	.08786	12726	0
QH118H_2 Ducks: 10-29	.0010	.03195	12726	0
QH118H_3 Ducks: 30+	.0006	.02507	12726	0
QH118I_1 Other: 1-4	.0097	.09784	12726	0
QH118I_2 Other: 5-9	.0017	.04154	12726	0
QH118I_3 Other: 10+	.0008	.02802	12726	0
landarea	15.2333	29.43487	12726	1947

QH142_96 Main floor material: Other	.002	0.04395491	-8.99864E-05
QH143_11 Main roof material: No roof	-.003	-0.05832938	0.000160864
QH143_12 Main roof material: Thatch/palm leaf	-.085	-0.0760274	0.094401468
QH143_22 Main roof material: Palm/bamboo	-.016	-0.06115862	0.004069724
QH143_23 Main roof material: Wood planks	.000	0.004642652	-4.94056E-05
QH143_31 Main roof material: Metal	.098	0.136526353	-0.070434263
QH143_32 Main roof material: Wood	-.003	-0.01997647	0.000405199
QH143_35 Main roof material: Cement	.003	0.299383575	-2.35272E-05
QH143_96 Main roof material: Other	-.002	-0.02785444	8.78273E-05
QH144_11 Main wall material: No walls	-.004	-0.04655829	0.000283421
QH144_12 Main wall material: Cane/palm/trunks	-.038	-0.06240158	0.023052256
QH144_21 Main wall material: Bamboo with mud	-.049	-0.05160987	0.046301162
QH144_24 Main wall material: Plywood	.028	0.174260385	-0.004350896
QH144_25 Main wall material: Cardboard	.003	0.076337018	-0.000138215
QH144_26 Main wall material: Reused wood	.000	0.001794727	-3.18642E-05
QH144_31 Main wall material: Cement	.012	0.503558053	-0.000277137
QH144_32 Main wall material: Stone with lime/cement	.004	0.479326369	-3.76681E-05
QH144_33 Main wall material: Bricks	.020	0.355248169	-0.00114822
QH144_34 Main wall material: Cement blocks	.006	0.235859699	-0.000166921
QH144_36 Main wall material: Wood planks/shingles	.052	0.151804286	-0.017925229
QH144_37 Main wall material: Fibro	.047	0.267474809	-0.008232661
QH144_38 Main wall material: Metal/Tin sheet	.048	0.191021395	-0.011894988
QH144_96 Main wall material: Other	.002	0.03210253	-0.000103761
HOUSE Owns a house	-.017	-0.01470811	0.018938375
LAND Owns land	-.028	-0.01252304	0.061122156
memsleep Number of members per sleeping room	-.020	((memsleep-2.39719958864014)/1.90539840808979)*(-0.0199249428240722)	
QH118A_1 Pigs: 1-4	-.016	-0.02580597	0.0098943
QH118A_2 Pigs: 5-9	-.006	-0.02054096	0.001685403
QH118A_3 Pigs: 10+	.000	-0.00052066	1.5678E-05
QH118B_1 Chickens: 1-9	-.011	-0.03048962	0.004083213
QH118B_2 Chickens: 10-29	.005	0.022716742	-0.000944517
QH118B_3 Chickens: 30+	.018	0.114910636	-0.002689103
QH118C_1 Sheep: 1-4	-.001	-0.01765581	2.08353E-05
QH118C_2 Sheep: 5-9	.000	0.013174467	-7.25067E-06
QH118C_3 Sheep: 10+	-.001	-0.08358311	1.31379E-05
QH118D_1 Goats: 1-4	.001	0.005886121	-9.15963E-05
QH118D_2 Goats: 5-9	-.004	-0.0634465	0.000215107
QH118D_3 Goats: 10+	-.002	-0.05867503	6.46201E-05
QH118E_1 Cows/bulls: 1-4	.004	0.082011242	-0.000219696
QH118E_3 Cows/bulls: 5+	-.001	-0.05334974	3.77564E-05
QH118F_1 Buffalo: 1-4	.003	0.164374274	-5.16819E-05
QH118G_1 Cassowary: 1-4	.003	0.036094596	-0.000236957
QH118G_2 Cassowary: 5-9	.004	0.253660957	-5.98116E-05
QH118G_3 Cassowary: 10+	.000	-0.02863875	6.75283E-06
QH118H_1 Ducks: 1-9	.009	0.101801954	-0.000798162
QH118H_2 Ducks: 10-29	.002	0.074026759	-7.56979E-05
QH118H_3 Ducks: 30+	.003	0.112050638	-7.04832E-05
QH118I_1 Other: 1-4	-.003	-0.03233874	0.000315613
QH118I_2 Other: 5-9	.003	0.075684963	-0.000131067
QH118I_3 Other: 10+	.002	0.057721952	-4.53932E-05
landarea	-.008	((landarea-15.2333426106318)/29.4348749178176)*(-0.00829061663347045)	

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

Extraction Method: Principal Component Analysis.  
Component Scores.

Combined Scores

Urban Area

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.279	.002		637.905	0.000
	urbscore Urban wealth score	1.156	.002	.995	576.779	0.000

a. Dependent Variable: comscore Common wealth score

$$\text{Combined Score} = 1.279 + 1.156 * \text{Urban Score}$$

Rural

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.331	.000		-790.259	0.000
	rurscore Rural wealth score	.612	.000	.997	1459.503	0.000

a. Dependent Variable: comscore Common wealth score

$$\text{Combined Score} = -.331 + .612 * \text{Rural Score}$$

Combined Score

**Statistics**

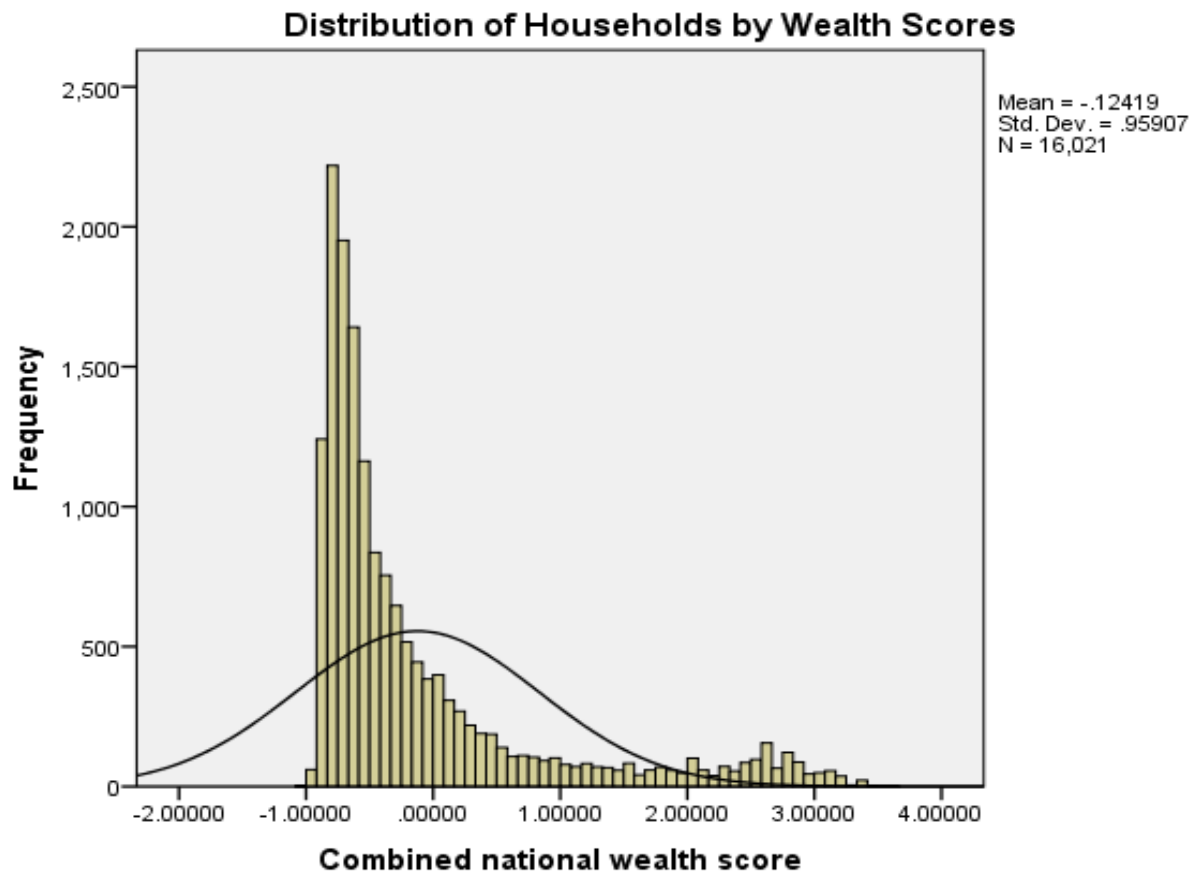
combscor Combined national wealth score

N	Valid	16021
	Missing	0
Mean		-.1241910
Std. Error of Mean		.00757716
Median		-.5204848

Mode	2.06594 <sup>a</sup>
Std. Deviation	.95907238
Skewness	1.912
Std. Error of Skewness	.019
Kurtosis	2.855
Std. Error of Kurtosis	.039
Minimum	-1.04556
Maximum	3.62259
Percentiles	
20	-.7608554
40	-.6208040
60	-.3663178
80	.2431266

a. Multiple modes exist. The smallest value is shown

histogram



Cases weighted by HH weights

Table 2.6 Wealth Quintiles

Percent distribution of the de jure population by wealth quintiles, according to residence and province, Papua New Guinea DHS 2016-18

Residence/province		Ncombsco Combined wealth index						Total
		Lowest	Second	Middle	Fourth	Highest		
QHTYPE	Urban	1.1	1.3	4.6	22.6	70.5	100.0	9162
Type of place of residence	Rural	22.4	22.4	22.0	19.7	13.5	100.0	71207
QHPROVIN	Western Province	22.8	18.7	21.2	23.0	14.3	100.0	1914
Province of residence	Gulf Province	21.5	27.5	21.2	19.9	9.8	100.0	1453
	Central Province	5.6	4.4	16.3	40.8	32.9	100.0	3083
	National Capital District	0.0	0.0	.0	4.7	95.3	100.0	2247
	Milne Bay Province	17.6	26.9	26.2	17.1	12.2	100.0	4124
	Northern (Oro) Province	17.6	24.6	28.0	13.8	16.0	100.0	2221
	Southern Highlands Province	41.0	27.1	16.9	8.4	6.7	100.0	5894
	Enga Province	30.6	27.0	18.5	12.8	11.1	100.0	2994
	Western Highlands Province	15.6	24.4	21.1	17.3	21.6	100.0	3808
	Chimbu (Simbu) Province	23.1	17.1	20.5	11.6	27.7	100.0	5324
	Eastern Highlands Province	18.7	27.8	19.8	16.7	17.0	100.0	6641
	Morobe Province	15.5	11.3	12.3	22.6	38.3	100.0	7851

