

**Descriptive Statistics**

	Mean	Std.	Analysis N <sup>a</sup>	Missing N
		Deviation <sup>a</sup>		
QH100_1 Type of housing unit: APARTMENT	.46	.499	18802	0
QH100_2 Type of housing unit: DAR	.48	.499	18802	0
QH100_3 Type of housing unit: VILLA	.01	.095	18802	0
QH100_4 Type of housing unit: HUT/BARRACK	.02	.128	18802	0
QH100_5 Type of housing unit: Mobile structure, tent	.03	.182	18802	0
QH100_6 Type of housing unit: OTHER	.00	.021	18802	0
QH101_11 Source of drinking water: PIPED INTO HOUSING UNIT	.55	.497	18802	0
QH101_12 Source of drinking water: PIPED TO YARD/PLOT	.01	.121	18802	0
QH101_21 Source of drinking water: SPRING	.00	.058	18802	0
QH101_31 Source of drinking water: RAINWATER	.03	.164	18802	0
QH101_41 Source of drinking water: TANKER TRUCK	.02	.144	18802	0
QH101_51 Source of drinking water: BOTTLED WATER	.38	.486	18802	0
QH109_11 Type of toilet facility: Flush to piped sewer system	.59	.492	18802	0
QH109_12 Type of toilet facility: Flush to pit latrine	.35	.478	18802	0
QH109_13 Type of toilet facility: Flush to somewhere else	.00	.032	18802	0
QH109_21 Type of toilet facility: Pit latrine Ventilated Improved Pit latrine	.01	.104	18802	0
QH109_22 Type of toilet facility: Pit latrine with slab	.05	.207	18802	0
QH109_23 Type of toilet facility: Pit latrine without slab/open pit	.00	.032	18802	0
QH109_61 Type of toilet facility: NO FACILITY	.00	.010	18802	0
QH113_1 Type of cooking fuel: ELECTRICITY	.01	.078	18802	0
QH113_2 Type of cooking fuel: NATURAL GAS	.99	.106	18802	0
QH113_3 Type of cooking fuel: KEROSENE	.00	.036	18802	0
QH113_4 Type of cooking fuel: COAL, WOOD	.00	.042	18802	0
QH113_95 Type of cooking fuel: NO FOOD COOKED IN HOUSEHOLD	.00	.044	18802	0
QH113_96 Type of cooking fuel: OTHER (SPECIFY)	.00	.015	18802	0

**Component Score Coefficient Matrix**

	Component	Sum over each variable	
	1	If has	If does not have
QH100_1 Type of housing unit: APARTMENT	.044	0.047689183	-0.0410531
QH100_2 Type of housing unit: DAR	.002	0.001912666	-0.001744605
QH100_3 Type of housing unit: VILLA	.020	0.202923372	-0.001884467
QH100_4 Type of housing unit: HUT/BARRACK	-.059	-0.451524794	0.007619023
QH100_5 Type of housing unit: Mobile structure, tent	-.094	-0.500470964	0.017692861
QH100_6 Type of housing unit: OTHER	-.013	-0.610358269	0.00025981
QH101_11 Source of drinking water: PIPED INTO HOUSING UNIT	.013	0.01135387	-0.013909499
QH101_12 Source of drinking water: PIPED TO YARD/PLOT	-.034	-0.279679381	0.004197304
QH101_21 Source of drinking water: SPRING	-.002	-0.029198036	9.8163E-05
QH101_31 Source of drinking water: RAINWATER	.003	0.018813484	-0.000535117
QH101_41 Source of drinking water: TANKER TRUCK	-.055	-0.372716928	0.008039588
QH101_51 Source of drinking water: BOTTLED WATER	.011	0.013937804	-0.008633996
QH109_11 Type of toilet facility: Flush to piped sewer system	.044	0.037045938	-0.052887919
QH109_12 Type of toilet facility: Flush to pit latrine	-.030	-0.040037738	0.021915151
QH109_13 Type of toilet facility: Flush to somewhere else	-.009	-0.279742001	0.000282974
QH109_21 Type of toilet facility: Pit latrine Ventilated Improved Pit latrine	-.025	-0.236928623	0.002637495
QH109_22 Type of toilet facility: Pit latrine with slab	-.020	-0.091504739	0.004316598
QH109_23 Type of toilet facility: Pit latrine without slab/open pit	-.018	-0.555980823	0.000562404
QH109_61 Type of toilet facility: NO FACILITY	-.005	-0.449232352	4.77907E-05
QH113_1 Type of cooking fuel: ELECTRICITY	.000	-0.003894861	2.3969E-05
QH113_2 Type of cooking fuel: NATURAL GAS	.019	0.002075741	-0.181154655
QH113_3 Type of cooking fuel: KEROSENE	-.002	-0.060902834	7.78394E-05
QH113_4 Type of cooking fuel: COAL, WOOD	-.019	-0.455297957	0.000824815
QH113_95 Type of cooking fuel: NO FOOD COOKED IN HOUSEHOLD	-.023	-0.526377491	0.001009783
QH113_96 Type of cooking fuel: OTHER (SPECIFY)	-.008	-0.561661081	0.000119515

QH115A Has independent bathroom	.89	.312	18802	0	QH115A Has independent bathroom	.061	0.021289114	-0.173209392
QH120A Has bed/sofa bed	1.82	1.660	18802	0	QH120A Has bed/sofa bed	.077	-0.03815759	-0.084605796
QH121A Radio	.06	.241	18802	0	QH121A Radio	.021	0.082639423	-0.005473678
QH121B Television	.98	.126	18802	0	QH121B Television	.025	0.00322211	-0.197380904
QH121C Satellite	.97	.160	18802	0	QH121C Satellite	.027	0.004513478	-0.166235851
QH121D Telephone (non-mobile)	.07	.249	18802	0	QH121D Telephone (non-mobile)	.034	0.126996674	-0.009021068
QH121E Refrigerator	.97	.175	18802	0	QH121E Refrigerator	.062	0.011251929	-0.344907606
QH121F Freezer	.23	.422	18802	0	QH121F Freezer	.046	0.082982389	-0.025082085
QH121G Washing Machine	.95	.214	18802	0	QH121G Washing Machine	.064	0.014323385	-0.282598655
QH121H Dish Washer	.05	.226	18802	0	QH121H Dish Washer	.037	0.156636721	-0.008929033
QH121I Solar heater	.14	.344	18802	0	QH121I Solar heater	.041	0.102618773	-0.016298834
QH121J Air conditioner	.29	.453	18802	0	QH121J Air conditioner	.053	0.082563207	-0.033552689
QH121K Fan	.90	.294	18802	0	QH121K Fan	.050	0.016200519	-0.153968281
QH121L Water cooler	.55	.498	18802	0	QH121L Water cooler	.074	0.066986241	-0.08153679
QH121M Microwave	.48	.499	18802	0	QH121M Microwave	.073	0.077096579	-0.069963366
QH121N Digital camera	.04	.194	18802	0	QH121N Digital camera	.032	0.156319519	-0.006350372
QH121AA Number of private cars or pickups	.60	.631	18802	0	QH121AA Number of private cars or pickups	.065	0.041163609	-0.062223804
QH122A Number of computers/tablets	.50	.823	18802	0	QH122A Number of computers/tablets	.060	0.036290038	-0.036089859
QH122B Number of mobile phones or smartphones	2.58	1.398	18802	0	QH122B Number of mobile phones or smartphones	.053	-0.059846634	-0.097767856
QH122D Has internet access at home	.36	.480	18802	0	QH122D Has internet access at home	.026	0.035221331	-0.019685515
QH123 Bank account	.58	.493	18802	0	QH123 Bank account	.062	0.052616796	-0.073040641
QH123A Credit card	.11	.308	18802	0	QH123A Credit card	.038	0.110957818	-0.013207692
QH142_11 Main floor material: Earth/sand	.00	.057	18802	0	QH142_11 Main floor material: Earth/sand	-.027	-0.478609977	0.001557826
QH142_31 Main floor material: Parquet or polished wood	.02	.123	18802	0	QH142_31 Main floor material: Parquet or polished wood	-.051	-0.410572219	0.006364257
QH142_32 Main floor material: Tiles	.67	.470	18802	0	QH142_32 Main floor material: Tiles	.013	0.009316126	-0.019082349
QH142_33 Main floor material: Marble/ceramic tiles	.24	.426	18802	0	QH142_33 Main floor material: Marble/ceramic tiles	.055	0.099315608	-0.03092097
QH142_34 Main floor material: Cement	.07	.258	18802	0	QH142_34 Main floor material: Cement	-.085	-0.304836014	0.023637064
QH142_96 Main floor material: OTHER (SPECIFY)	.00	.013	18802	0	QH142_96 Main floor material: OTHER (SPECIFY)	-.007	-0.524079859	8.36342E-05
QH143_21 Main roof material: Mud bricks	.00	.071	18802	0	QH143_21 Main roof material: Mud bricks	-.016	-0.232536283	0.001168399
QH143_22 Main roof material: Mud bricks with stones	.00	.061	18802	0	QH143_22 Main roof material: Mud bricks with stones	-.006	-0.098668906	0.000368718
QH143_31 Main roof material: Concrete	.94	.242	18802	0	QH143_31 Main roof material: Concrete	.111	0.028599322	-0.429428326
QH143_32 Main roof material: Zinc/metal	.05	.221	18802	0	QH143_32 Main roof material: Zinc/metal	-.109	-0.467782569	0.025335163
QH143_96 Main roof material: OTHER (SPECIFY)	.00	.048	18802	0	QH143_96 Main roof material: OTHER (SPECIFY)	-.026	-0.534219519	0.0012531
QH144_21 Main wall material: MUD BRICKS	.01	.089	18802	0	QH144_21 Main wall material: MUD BRICKS	-.014	-0.152806016	0.00123713
QH144_22 Main wall material: MUD BRICKS WITH STONES	.00	.067	18802	0	QH144_22 Main wall material: MUD BRICKS WITH STONES	-.004	-0.066139995	0.000303913

QH144_31 Main wall material: CEMENT BRICKS	.28	.449	18802	0
QH144_32 Main wall material: CUT STONES	.10	.299	18802	0
QH144_33 Main wall material: CUT STONE AND CONCRETE	.13	.336	18802	0
QH144_34 Main wall material: CONCRETE	.43	.495	18802	0
QH144_35 Main wall material: Zinc/metal	.04	.207	18802	0
QH144_96 Main wall material: OTHER	.00	.049	18802	0
HOUSE Owns a house	.19	.390	18802	0
LAND Owns land	.12	.331	18802	0
memsleep Number of members per sleeping room	2.45293	1.4639	18802	0

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

QH144_31 Main wall material: CEMENT BRICKS	.001	0.001705151	-0.000665293
QH144_32 Main wall material: CUT STONES	.041	0.122268229	-0.013519558
QH144_33 Main wall material: CUT STONE AND CONCRETE	.031	0.079267334	-0.011804124
QH144_34 Main wall material: CONCRETE	.004	0.004907071	-0.00370676
QH144_35 Main wall material: Zinc/metal	-.107	-0.495020967	0.023207553
QH144_96 Main wall material: OTHER	-.027	-0.547661073	0.001343165
HOUSE Owns a house	.020	0.041085369	-0.009443615
LAND Owns land	.018	0.046771092	-0.006671027
memsleep Number of members per sleeping room	-.05167	((memsleep-2.45293)/1.4639)*(-.0	

Extraction Method: Principal Component Analysis.  
Component Scores.





5167)

## Descriptive Statistics

	Descriptive Statistics			
	Mean	Std. Deviation <sup>a</sup>	Analysis N <sup>b</sup>	Missing N
QH100_1 Type of housing unit: APARTMENT	.53	.499	14944	0
QH100_2 Type of housing unit: DAR	.40	.490	14944	0
QH100_3 Type of housing unit: VILLA	.01	.100	14944	0
QH100_4 Type of housing unit: HUT/BARRACK	.02	.139	14944	0
QH100_5 Type of housing unit: Mobile structure, tent	.04	.202	14944	0
QH100_6 Type of housing unit: OTHER	.00	.016	14944	0
QH101_11 Source of drinking water: PIPED INTO HOUSING UNIT	.56	.497	14944	0
QH101_12 Source of drinking water: PIPED TO YARD/PLOT	.02	.126	14944	0
QH101_21 Source of drinking water: SPRING	.00	.050	14944	0
QH101_31 Source of drinking water: RAINWATER	.03	.157	14944	0
QH101_41 Source of drinking water: TANKER TRUCK	.02	.147	14944	0
QH101_51 Source of drinking water: BOTTLED WATER	.38	.485	14944	0
QH109_11 Type of toilet facility: Flush to piped sewer system	.66	.475	14944	0
QH109_12 Type of toilet facility: Flush to pit latrine	.29	.453	14944	0
QH109_13 Type of toilet facility: Flush to somewhere else	.00	.031	14944	0
QH109_21 Type of toilet facility: Pit latrine Ventilated Improved Pit latrine	.01	.104	14944	0
QH109_22 Type of toilet facility: Pit latrine with slab	.04	.201	14944	0
QH109_23 Type of toilet facility: Pit latrine without slab/open pit	.00	.033	14944	0
QH109_61 Type of toilet facility: NO FACILITY	.00	.008	14944	0
QH113_1 Type of cooking fuel: ELECTRICITY	.01	.079	14944	0
QH113_2 Type of cooking fuel: NATURAL GAS	.99	.102	14944	0
QH113_3 Type of cooking fuel: KEROSENE	.00	.035	14944	0
QH113_4 Type of cooking fuel: COAL, WOOD	.00	.022	14944	0

## Component Score Coefficient Matrix

	Component		Sum over each variable	
	1		If has	If does not have
QH100_1 Type of housing unit: APARTMENT	.045		0.043110842	-0.047769172
QH100_2 Type of housing unit: DAR	.004		0.005071197	-0.003401966
QH100_3 Type of housing unit: VILLA	.018		0.177025837	-0.001819086
QH100_4 Type of housing unit: HUT/BARRACK	-.055		-0.387775398	0.007754979
QH100_5 Type of housing unit: Mobile structure, tent	-.093		-0.438000104	0.01959732
QH100_6 Type of housing unit: OTHER	-.008		-0.508128942	0.000136045
QH101_11 Source of drinking water: PIPED INTO HOUSING UNIT	.017		0.015326898	-0.019272069
QH101_12 Source of drinking water: PIPED TO YARD/PLOT	-.035		-0.272358284	0.004464283
QH101_21 Source of drinking water: SPRING	-.001		-0.025550313	6.51356E-05
QH101_31 Source of drinking water: RAINWATER	.003		0.020296676	-0.000525286
QH101_41 Source of drinking water: TANKER TRUCK	-.054		-0.359245769	0.008087024
QH101_51 Source of drinking water: BOTTLED WATER	.007		0.008796481	-0.005324758
QH109_11 Type of toilet facility: Flush to piped sewer system	.046		0.033692446	-0.064169539
QH109_12 Type of toilet facility: Flush to pit latrine	-.031		-0.049056258	0.019928095
QH109_13 Type of toilet facility: Flush to somewhere else	-.009		-0.279698247	0.000262276
QH109_21 Type of toilet facility: Pit latrine Ventilated Improved Pit latrine	-.026		-0.24989852	0.00278999
QH109_22 Type of toilet facility: Pit latrine with slab	-.022		-0.103245586	0.004559196
QH109_23 Type of toilet facility: Pit latrine without slab/open pit	-.016		-0.490042675	0.000525233
QH109_61 Type of toilet facility: NO FACILITY	-.001		-0.135491293	9.06721E-06
QH113_1 Type of cooking fuel: ELECTRICITY	.000		-0.001010034	6.39348E-06
QH113_2 Type of cooking fuel: NATURAL GAS	.015		0.001511435	-0.142354085
QH113_3 Type of cooking fuel: KEROSENE	-.002		-0.057663887	6.95397E-05
QH113_4 Type of cooking fuel: COAL, WOOD	-.011		-0.514612145	0.000241165

QH113_95 Type of cooking fuel: NO FOOD COOKED IN HOUSEHOLD	.00	.048	14944	0	QH113_95 Type of cooking fuel: NO FOOD COOKED IN HOUSEHOLD	-.022	-0.46186025	0.001053202
QH113_96 Type of cooking fuel: OTHER (SPECIFY)	.00	.016	14944	0	QH113_96 Type of cooking fuel: OTHER (SPECIFY)	-.008	-0.477791186	0.000127923
QH115A Has independent bathroom	.89	.312	14944	0	QH115A Has independent bathroom	.062	0.021638968	-0.176627577
QH120A Has bed/sofa bed	1.91	1.673	14944	0	QH120A Has bed/sofa bed	.074	-0.04026551	-0.084699698
QH121A Radio	.07	.251	14944	0	QH121A Radio	.021	0.077844089	-0.005624524
QH121B Television	.98	.126	14944	0	QH121B Television	.021	0.002718374	-0.16654569
QH121C Satellite	.97	.156	14944	0	QH121C Satellite	.023	0.003680733	-0.142998946
QH121D Telephone (non-mobile)	.07	.263	14944	0	QH121D Telephone (non-mobile)	.033	0.117544641	-0.009486536
QH121E Refrigerator	.97	.180	14944	0	QH121E Refrigerator	.059	0.011017973	-0.31632317
QH121F Freezer	.24	.429	14944	0	QH121F Freezer	.044	0.077329112	-0.024918831
QH121G Washing Machine	.95	.216	14944	0	QH121G Washing Machine	.061	0.013804092	-0.26647899
QH121H Dish Washer	.06	.237	14944	0	QH121H Dish Washer	.036	0.140753089	-0.00896676
QH121I Solar heater	.14	.347	14944	0	QH121I Solar heater	.040	0.099326722	-0.016159043
QH121J Air conditioner	.32	.465	14944	0	QH121J Air conditioner	.052	0.076029516	-0.035273882
QH121K Fan	.91	.286	14944	0	QH121K Fan	.047	0.014887951	-0.15127003
QH121L Water cooler	.57	.495	14944	0	QH121L Water cooler	.071	0.061742413	-0.081999387
QH121M Microwave	.50	.500	14944	0	QH121M Microwave	.071	0.071287034	-0.070433524
QH121N Digital camera	.04	.204	14944	0	QH121N Digital camera	.030	0.142207374	-0.006466685
QH121AA Number of private cars or pickups	.59	.639	14944	0	QH121AA Number of private cars or pickups	.064	0.04129505	-0.05903225
QH122A Number of computers/tablets	.53	.846	14944	0	QH122A Number of computers/tablets	.057	0.031660213	-0.035737255
QH122B Number of mobile phones or smartphones	2.59	1.397	14944	0	QH122B Number of mobile phones or smartphones	.050	-0.057191757	-0.093084316
QH122D Has internet access at home	.37	.483	14944	0	QH122D Has internet access at home	.025	0.032499794	-0.019228497
QH123 Bank account	.55	.497	14944	0	QH123 Bank account	.061	0.055392476	-0.067936659
QH123A Credit card	.11	.313	14944	0	QH123A Credit card	.038	0.109184141	-0.013514596
QH142_11 Main floor material: Earth/sand	.00	.053	14944	0	QH142_11 Main floor material: Earth/sand	-.022	-0.41507731	0.00116986
QH142_31 Main floor material: Parquet or polished wood	.02	.136	14944	0	QH142_31 Main floor material: Parquet or polished wood	-.050	-0.358701865	0.00687412
QH142_32 Main floor material: Tiles	.64	.479	14944	0	QH142_32 Main floor material: Tiles	.014	0.010271908	-0.018533382
QH142_33 Main floor material: Marble/ceramic tiles	.26	.439	14944	0	QH142_33 Main floor material: Marble/ceramic tiles	.053	0.089996298	-0.031714532
QH142_34 Main floor material: Cement	.07	.262	14944	0	QH142_34 Main floor material: Cement	-.084	-0.297227352	0.023825452
QH142_96 Main floor material: OTHER (SPECIFY)	.00	.014	14944	0	QH142_96 Main floor material: OTHER (SPECIFY)	-.006	-0.452123253	9.07817E-05
QH143_21 Main roof material: Mud bricks	.00	.061	14944	0	QH143_21 Main roof material: Mud bricks	-.010	-0.162932525	0.000612857
QH143_22 Main roof material: Mud bricks with stones	.00	.061	14944	0	QH143_22 Main roof material: Mud bricks with stones	-.004	-0.062615384	0.000235523
QH143_31 Main roof material: Concrete	.93	.261	14944	0	QH143_31 Main roof material: Concrete	.107	0.030002388	-0.379454857
QH143_32 Main roof material: Zinc/metal	.06	.243	14944	0	QH143_32 Main roof material: Zinc/metal	-.106	-0.407985975	0.027541021
QH143_96 Main roof material: OTHER (SPECIFY)	.00	.050	14944	0	QH143_96 Main roof material: OTHER (SPECIFY)	-.023	-0.455937851	0.001162326



QH144_21 Main wall material: MUD BRICKS	.01	.086	14944	0
QH144_22 Main wall material: MUD BRICKS WITH STONES	.00	.066	14944	0
QH144_31 Main wall material: CEMENT BRICKS	.26	.441	14944	0
QH144_32 Main wall material: CUT STONES	.11	.319	14944	0
QH144_33 Main wall material: CUT STONE AND CONCRETE	.14	.344	14944	0
QH144_34 Main wall material: CONCRETE	.41	.493	14944	0
QH144_35 Main wall material: Zinc/metal	.06	.229	14944	0
QH144_96 Main wall material: OTHER	.00	.052	14944	0
HOUSE Owns a house	.18	.381	14944	0
LAND Owns land	.11	.318	14944	0
memsleep Number of members per sleeping room	2.42572	1.46971	14944	0

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

QH144_21 Main wall material: MUD BRICKS	-.008			
QH144_22 Main wall material: MUD BRICKS WITH STONES	-.003			
QH144_31 Main wall material: CEMENT BRICKS	.002			
QH144_32 Main wall material: CUT STONES	.039			
QH144_33 Main wall material: CUT STONE AND CONCRETE	.030			
QH144_34 Main wall material: CONCRETE	.005			
QH144_35 Main wall material: Zinc/metal	-.105			
QH144_96 Main wall material: OTHER	-.024			
HOUSE Owns a house	.021			
LAND Owns land	.018			
memsleep Number of members per sleeping room	-.05192			

Extraction Method: Principal Component Analysis.  
Component Scores.

	-0.092648159	0.000693315
	-0.039830315	0.000174002
	0.003058444	-0.001096213
	0.108806908	-0.014133545
	0.07495074	-0.011875916
	0.005955667	-0.004217094
	-0.431698256	0.025322057
	-0.469132759	0.001259079
	0.04443721	-0.009534642
	0.049807425	-0.006418754
	((memsleep-2.42572)/1.46971)*(-.	





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**Descriptive Statistics**

	Mean	Std. Deviation <sup>a</sup>	Analysis N <sup>a</sup>	Missing N
QH100_1 Type of housing unit: APARTMENT	.22	.413	3858	0
QH100_2 Type of housing unit: DAR	.77	.421	3858	0
QH100_3 Type of housing unit: VILLA	.01	.074	3858	0
QH100_4 Type of housing unit: HUT/BARRACK	.00	.070	3858	0
QH100_5 Type of housing unit: Mobile structure, tent	.00	.023	3858	0
QH100_6 Type of housing unit: OTHER	.00	.032	3858	0
QH101_11 Source of drinking water: PIPED INTO HOUSING UNIT	.53	.499	3858	0
QH101_12 Source of drinking water: PIPED TO YARD/PLOT	.01	.097	3858	0
QH101_21 Source of drinking water: SPRING	.01	.080	3858	0
QH101_31 Source of drinking water: RAINWATER	.04	.189	3858	0
QH101_41 Source of drinking water: TANKER TRUCK	.02	.132	3858	0
QH101_51 Source of drinking water: BOTTLED WATER	.40	.491	3858	0
QH109_11 Type of toilet facility: Flush to piped sewer system	.33	.469	3858	0
QH109_12 Type of toilet facility: Flush to pit latrine	.60	.489	3858	0
QH109_13 Type of toilet facility: Flush to somewhere else	.00	.036	3858	0
QH109_21 Type of toilet facility: Pit latrine Ventilated Improved Pit latrine	.01	.104	3858	0
QH109_22 Type of toilet facility: Pit latrine with slab	.06	.229	3858	0
QH109_23 Type of toilet facility: Pit latrine without slab/open pit	.00	.028	3858	0
QH109_61 Type of toilet facility: NO FACILITY	.00	.016	3858	0
QH113_1 Type of cooking fuel: ELECTRICITY	.01	.074	3858	0
QH113_2 Type of cooking fuel: NATURAL GAS	.99	.120	3858	0
QH113_3 Type of cooking fuel: KEROSENE	.00	.039	3858	0
QH113_4 Type of cooking fuel: COAL, WOOD	.01	.083	3858	0
QH113_95 Type of cooking fuel: NO FOOD COOKED IN HOUSEHOLD	.00	.023	3858	0
QH115A Has independent bathroom	.89	.314	3858	0
QH120A Has bed/sofa bed	1.49	1.564	3858	0
QH121A Radio	.04	.200	3858	0
QH121B Television	.98	.126	3858	0
QH121C Satellite	.97	.175	3858	0
QH121D Telephone (non-mobile)	.03	.181	3858	0
QH121E Refrigerator	.98	.152	3858	0
QH121F Freezer	.19	.390	3858	0

**Component Score Coefficient Matrix**

	Component	Sum over each variable	
	1	If has	If does not have
QH100_1 Type of housing unit: APARTMENT	.025	0.04656053	-0.013018417
QH100_2 Type of housing unit: DAR	-.004	-0.00243609	0.008135814
QH100_3 Type of housing unit: VILLA	.021	0.288592546	-0.001579474
QH100_4 Type of housing unit: HUT/BARRACK	-.105	-1.49455347	0.007396852
QH100_5 Type of housing unit: Mobile structure, tent	-.024	-1.04069413	0.000539779
QH100_6 Type of housing unit: OTHER	-.061	-1.90008182	0.001972062
QH101_11 Source of drinking water: PIPED INTO HOUSING UNIT	-.026	-0.02463716	0.027302815
QH101_12 Source of drinking water: PIPED TO YARD/PLOT	-.013	-0.13654229	0.001322184
QH101_21 Source of drinking water: SPRING	-.002	-0.02457221	0.000160267
QH101_31 Source of drinking water: RAINWATER	.002	0.008392563	-0.000323052
QH101_41 Source of drinking water: TANKER TRUCK	-.049	-0.3670774	0.006586085
QH101_51 Source of drinking water: BOTTLED WATER	.042	0.05099014	-0.034503107
QH109_11 Type of toilet facility: Flush to piped sewer system	.024	0.034642594	-0.016761686
QH109_12 Type of toilet facility: Flush to pit latrine	-.013	-0.01027557	0.015736987
QH109_13 Type of toilet facility: Flush to somewhere else	-.010	-0.26630207	0.000345578
QH109_21 Type of toilet facility: Pit latrine Ventilated Improved Pit latrine	-.008	-0.07217807	0.000794413
QH109_22 Type of toilet facility: Pit latrine with slab	-.009	-0.03897026	0.002299919
QH109_23 Type of toilet facility: Pit latrine without slab/open pit	-.042	-1.51131934	0.001176124
QH109_61 Type of toilet facility: NO FACILITY	-.037	-2.32166072	0.000601934
QH113_1 Type of cooking fuel: ELECTRICITY	-.007	-0.09975328	0.000545952
QH113_2 Type of cooking fuel: NATURAL GAS	.072	0.008688167	-0.589864505
QH113_3 Type of cooking fuel: KEROSENE	-.006	-0.15940924	0.000248301
QH113_4 Type of cooking fuel: COAL, WOOD	-.088	-1.04982872	0.007398949
QH113_95 Type of cooking fuel: NO FOOD COOKED IN HOUSEHOLD	-.019	-0.81788128	0.000424212
QH115A Has independent bathroom	.042	0.014701064	-0.118124945
QH120A Has bed/sofa bed	.074	-0.02342925	-0.070903004
QH121A Radio	.013	0.062687206	-0.002729954
QH121B Television	.064	0.008205893	-0.502412411
QH121C Satellite	.070	0.012579285	-0.385214818
QH121D Telephone (non-mobile)	.019	0.102158461	-0.003590759
QH121E Refrigerator	.091	0.01417096	-0.586615473
QH121F Freezer	.042	0.088462053	-0.020366582

QH121G Washing Machine	.96	.206	3858	0
QH121H Dish Washer	.03	.173	3858	0
QH121I Solar heater	.13	.332	3858	0
QH121J Air conditioner	.18	.385	3858	0
QH121K Fan	.88	.321	3858	0
QH121L Water cooler	.47	.499	3858	0
QH121M Microwave	.39	.489	3858	0
QH121N Digital camera	.02	.146	3858	0
QH121AA Number of private cars or pickups	.65	.596	3858	0
QH122A Number of computers/tablets	.38	.714	3858	0
QH122B Number of mobile phones or smartphones	2.52	1.398	3858	0
QH122D Has internet access at home	.31	.461	3858	0
QH123 Bank account	.70	.459	3858	0
QH123A Credit card	.09	.289	3858	0
QH142_11 Main floor material: Earth/sand	.00	.070	3858	0
QH142_31 Main floor material: Parquet or polished wood	.00	.039	3858	0
QH142_32 Main floor material: Tiles	.78	.413	3858	0
QH142_33 Main floor material: Marble/ceramic tiles	.15	.355	3858	0
QH142_34 Main floor material: Cement	.06	.243	3858	0
QH143_21 Main roof material: Mud bricks	.01	.099	3858	0
QH143_22 Main roof material: Mud bricks with stones	.00	.060	3858	0
QH143_31 Main roof material: Concrete	.98	.142	3858	0
QH143_32 Main roof material: Zinc/metal	.01	.074	3858	0
QH143_96 Main roof material: OTHER (SPECIFY)	.00	.039	3858	0
QH144_21 Main wall material: MUD BRICKS	.01	.101	3858	0
QH144_22 Main wall material: MUD BRICKS WITH STONES	.01	.074	3858	0
QH144_31 Main wall material: CEMENT BRICKS	.35	.476	3858	0
QH144_32 Main wall material: CUT STONES	.04	.196	3858	0
QH144_33 Main wall material: CUT STONE AND CONCRETE	.10	.303	3858	0
QH144_34 Main wall material: CONCRETE	.49	.500	3858	0
QH144_35 Main wall material: Zinc/metal	.00	.060	3858	0
QH144_96 Main wall material: OTHER	.00	.039	3858	0
HOUSE Owns a house	.23	.419	3858	0
LAND Owns land	.17	.372	3858	0
memsleep Number of members per sleeping room	2.55832	1.43671	3858	0

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

QH121G Washing Machine	.087	0.018650532	-0.402131642
QH121H Dish Washer	.034	0.188196491	-0.005989672
QH121I Solar heater	.035	0.092462608	-0.013326461
QH121J Air conditioner	.041	0.086637218	-0.019103493
QH121K Fan	.074	0.027091757	-0.204659901
QH121L Water cooler	.077	0.082984532	-0.072354781
QH121M Microwave	.074	0.091418228	-0.059304645
QH121N Digital camera	.024	0.163335974	-0.003635459
QH121AA Number of private cars or pickups	.055	0.031800143	-0.060098698
QH122A Number of computers/tablets	.058	0.050413478	-0.03039051
QH122B Number of mobile phones or smartphones	.063	-0.06806075	-0.112861698
QH122D Has internet access at home	.033	0.049522172	-0.021981024
QH123 Bank account	.063	0.041196186	-0.095698635
QH123A Credit card	.025	0.078399295	-0.007920477
QH142_11 Main floor material: Earth/sand	-.096	-1.36031385	0.006732473
QH142_31 Main floor material: Parquet or polished wood	-.021	-0.52547505	0.000818497
QH142_32 Main floor material: Tiles	.018	0.009572678	-0.034445667
QH142_33 Main floor material: Marble/ceramic tiles	.047	0.112478771	-0.019499057
QH142_34 Main floor material: Cement	-.068	-0.26235246	0.017712784
QH143_21 Main roof material: Mud bricks	-.065	-0.65258499	0.006491683
QH143_22 Main roof material: Mud bricks with stones	-.024	-0.39671398	0.001444848
QH143_31 Main roof material: Concrete	.127	0.018420568	-0.88115601
QH143_32 Main roof material: Zinc/metal	-.101	-1.37158422	0.007506716
QH143_96 Main roof material: OTHER (SPECIFY)	-.069	-1.74263848	0.00271439
QH144_21 Main wall material: MUD BRICKS	-.062	-0.60734634	0.006362979
QH144_22 Main wall material: MUD BRICKS WITH STONES	-.017	-0.23136204	0.00126625
QH144_31 Main wall material: CEMENT BRICKS	.000	-0.00055716	0.000294474
QH144_32 Main wall material: CUT STONES	.028	0.138513754	-0.005758941
QH144_33 Main wall material: CUT STONE AND CONCRETE	.022	0.066600538	-0.007553827
QH144_34 Main wall material: CONCRETE	.008	0.007690732	-0.007432022
QH144_35 Main wall material: Zinc/metal	-.094	-1.55251553	0.005654323
QH144_96 Main wall material: OTHER	-.069	-1.74263848	0.00271439
HOUSE Owns a house	.010	0.01880721	-0.005508546
LAND Owns land	.015	0.033686136	-0.006712096
memsleep Number of members per sleeping room	-.03753		((memsleep-2.55832)/1.43671)*(-.03753)

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)	.014	.000		61.177	0.000
	urbscore Urban wealth score	1.072	.000	1.000	4733.084	0.000

a. Dependent Variable: comscore Common wealth score

$$\text{Combined Score} = .014 + 1.072 * \text{Urban Score}$$

Rural

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.054	.004		-14.801	.000
	rurscore Rural wealth score	.607	.004	.938	167.480	0.000

a. Dependent Variable: comscore Common wealth score

$$\text{Combined Score} = -.054 + .607 * \text{Rural Score}$$

Combined Score

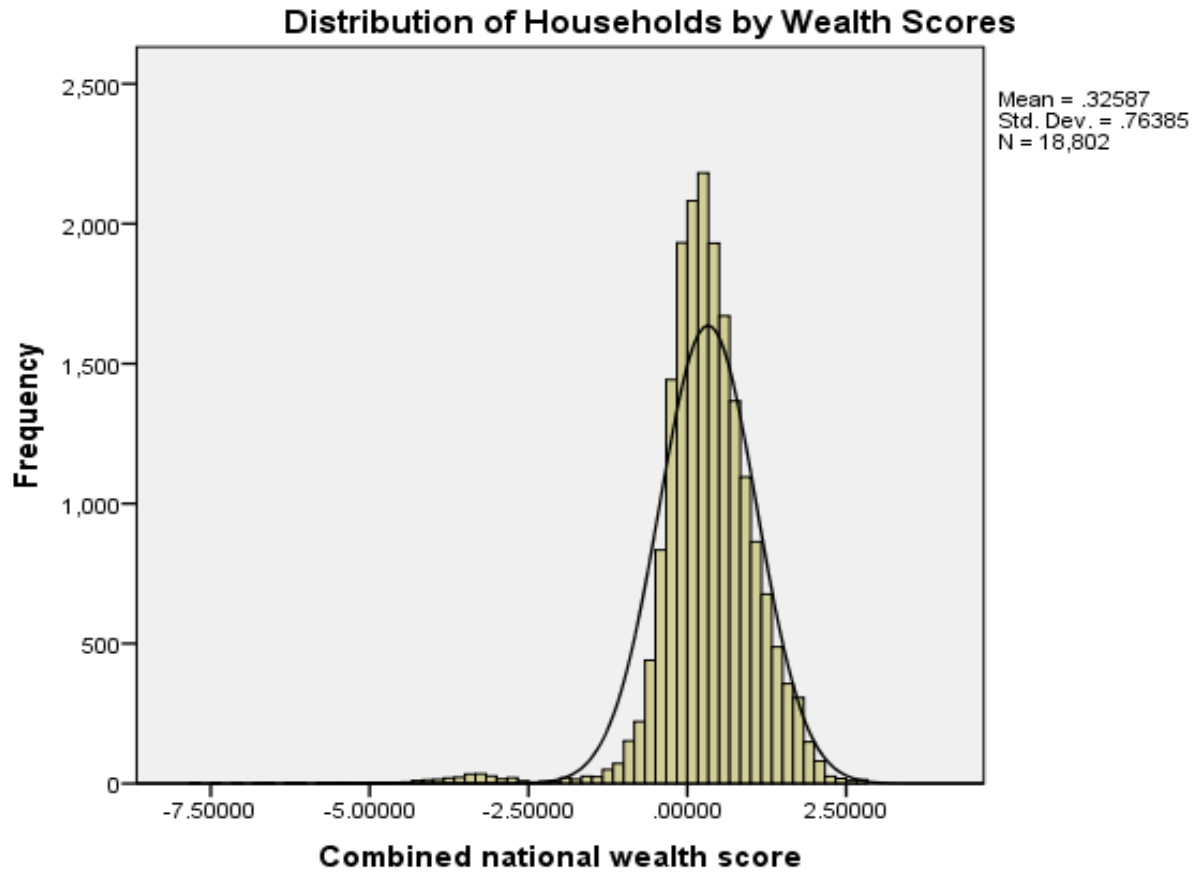
**Statistics**

combscor Combined national wealth score

N	Valid	18802
	Missing	0
Mean		.3258663
Std. Error of Mean		.00557067
Median		.3059275

Mode		.95190
Std. Deviation		.76385260
Skewness		-1.436
Std. Error of Skewness		.018
Kurtosis		7.957
Std. Error of Kurtosis		.036
Minimum		-7.69546
Maximum		2.79691
Percentiles	20	-.1486812
	40	.1651208
	60	.4638584
	80	.8758951

histogram



Cases weighted by HH weights

	Ncombsco Combined wealth index					Nurbscor Urban wealth index					Nrursco	
	Lowest	Second	Middle	Fourth	Highest	Lowest	Second	Middle	Fourth	Highest	Lowest	Second
QH100_1 Type of housing unit: APARTMENT	.457	.585	.677	.785	.811	.510	.673	.745	.808	.814	.134	.206
QH100_2 Type of housing unit: DARI	.478	.414	.321	.204	.130	.419	.327	.254	.182	.125	.849	.794
QH100_3 Type of housing unit: VILLA	.000	.000	.001	.011	.059	.000	.000	.001	.009	.062	0.000	0.000
QH100_4 Type of housing unit: HUT/BARRACK	.024	0.000	.000	0.000	0.000	.025	0.000	.000	0.000	0.000	.010	0.000
QH100_5 Type of housing unit: Mobile structure, tent	.040	0.000	0.000	.001	0.000	.044	0.000	0.000	.001	0.000	.003	0.000
QH100_6 Type of housing unit: OTHER	.001	0.000	0.000	0.000	0.000	.001	0.000	0.000	0.000	0.000	.004	0.000

QH101_11 Source of drinking water: PIPED INTO HOUSING UNIT	.585	.550	.516	.555	.658	.575	.561	.545	.577	.658	.660	.587
QH101_12 Source of drinking water: PIPED TO YARD/PLOT	.035	.006	.006	.002	.002	.037	.006	.006	.002	.002	.017	.008
QH101_21 Source of drinking water: SPRING	.004	.003	.002	.000	.000	.003	.002	.003	.001	0.000	.005	.011
QH101_31 Source of drinking water: RAINWATER	.030	.044	.033	.023	.011	.028	.034	.029	.018	.011	.045	.075
QH101_41 Source of drinking water: TANKER TRUCK	.044	.003	.001	.001	0.000	.039	.002	.000	.001	0.000	.084	.006
QH101_51 Source of drinking water: BOTTLED WATER	.303	.394	.443	.419	.329	.318	.394	.417	.403	.328	.188	.313
QH109_11 Type of toilet facility: Flush to piped sewer system	.498	.595	.700	.810	.912	.542	.698	.756	.833	.920	.229	.194

QH109_12 Type of toilet facility: Flush to pit latrine	.406	.349	.264	.173	.079	.367	.254	.217	.150	.072	.632	.723
QH109_13 Type of toilet facility: Flush to somewhere else	.002	.000	.000	0.000	.000	.001	.000	.000	0.000	.000	.007	0.000
QH109_21 Type of toilet facility: Pit latrine Ventilated Improved Pit latrine	.021	.012	.010	.004	.002	.019	.008	.009	.004	.002	.026	.042
QH109_22 Type of toilet facility: Pit latrine with slab	.071	.044	.026	.013	.007	.069	.040	.018	.013	.006	.103	.041
QH109_23 Type of toilet facility: Pit latrine without slab/open pit	.001	0.000	0.000	0.000	0.000	.001	0.000	0.000	0.000	0.000	.002	0.000
QH109_61 Type of toilet facility: NO FACILITY	.000	0.000	0.000	0.000	0.000	.000	0.000	0.000	0.000	0.000	.001	0.000
QH113_1 Type of cooking fuel: ELECTRICI TY	.009	.002	.004	.007	.009	.008	.003	.004	.008	.008	.014	.004

QH113_2 Type of cooking fuel: NATURAL GAS	.983	.997	.996	.993	.991	.984	.997	.996	.992	.992	.969	.995
QH113_3 Type of cooking fuel: KEROSEN E	.001	.000	.000	.000	0.000	.001	.000	.000	.000	0.000	.002	.001
QH113_4 Type of cooking fuel: COAL, WOOD	.002	0.000	0.000	0.000	0.000	.001	0.000	0.000	0.000	0.000	.012	0.000
QH113_95 Type of cooking fuel: NO FOOD COOKED IN HOUSEHO LD	.005	0.000	0.000	0.000	0.000	.005	0.000	0.000	0.000	0.000	.002	0.000
QH113_96 Type of cooking fuel: OTHER (SPECIFY)	.000	0.000	0.000	0.000	0.000	.000	0.000	0.000	0.000	0.000	0.000	0.000
QH115A Has independen t bathroom	.823	.934	.970	.977	.981	.827	.949	.972	.980	.980	.804	.888
QH120A Has bed/sofa bed	.754	1.432	2.157	3.001	3.857	.794	1.567	2.236	3.093	3.902	.526	.843
QH121A Radio	.029	.051	.072	.115	.233	.030	.057	.078	.126	.235	.025	.037
QH121B Television	.956	.991	.997	.998	.997	.957	.990	.997	.998	.997	.946	.998
QH121C Satellite	.932	.986	.992	.996	.992	.935	.984	.992	.993	.994	.908	.991

QH121D Telephone (non- mobile)	.015	.022	.042	.095	.359	.015	.022	.049	.102	.387	.014	.012
QH121E Refrigerator	.923	.996	.998	.996	.997	.923	.995	.998	.996	.996	.918	.997
QH121F Freezer	.054	.124	.198	.290	.623	.054	.126	.198	.317	.637	.048	.082
QH121G Washing Machine	.878	.988	.995	.993	.999	.882	.988	.994	.993	.999	.836	.995
QH121H Dish Washer	.002	.006	.015	.059	.313	.002	.005	.020	.058	.334	.001	.007
QH121I Solar heater	.022	.059	.107	.162	.447	.020	.060	.103	.173	.473	.029	.042
QH121J Air conditioner	.070	.150	.315	.563	.868	.068	.158	.363	.588	.884	.076	.128
QH121K Fan	.829	.964	.974	.971	.975	.843	.968	.971	.972	.978	.729	.951
QH121L Water cooler	.143	.469	.773	.890	.959	.155	.508	.797	.894	.965	.094	.165
QH121M Microwave	.087	.362	.697	.854	.959	.095	.415	.716	.863	.965	.050	.109
QH121N Digital camera	.003	.010	.012	.046	.228	.002	.009	.012	.052	.243	.007	.009
QH121AA Number of private cars or pickups	.191	.420	.620	.849	1.308	.169	.394	.636	.867	1.334	.294	.507
QH122A Number of computers/t ablets	.090	.238	.472	.781	1.719	.095	.249	.494	.830	1.774	.055	.136
QH122B Number of mobile phones or smartphone s	1.895	2.415	2.689	3.034	3.507	1.918	2.429	2.668	3.052	3.537	1.702	2.244

QH122D Has internet access at home	.192	.259	.286	.375	.720	.196	.248	.271	.398	.744	.149	.262
QH123 Bank account	.228	.471	.578	.681	.914	.210	.416	.556	.704	.924	.318	.683
QH123A Credit card	.011	.046	.072	.133	.505	.010	.040	.072	.154	.529	.017	.049
QH142_11 Main floor material: Earth/sand	.007	0.000	0.000	.000	0.000	.006	0.000	0.000	.000	0.000	.017	0.000
QH142_31 Main floor material: Parquet or polished wood	.018	.006	.001	.001	.004	.019	.006	.002	.000	.005	.004	0.000
QH142_32 Main floor material: Tiles	.778	.852	.724	.449	.168	.780	.831	.679	.414	.159	.746	.928
QH142_33 Main floor material: Marble/ceramic tiles	.057	.137	.273	.550	.827	.063	.158	.318	.585	.837	.023	.048
QH142_34 Main floor material: Cement	.140	.005	.002	.000	0.000	.131	.005	.002	.000	0.000	.209	.024
QH142_96 Main floor material: OTHER (SPECIFY)	.000	0.000	0.000	0.000	0.000	.000	0.000	0.000	0.000	0.000	0.000	0.000



QH143_21 Main roof material: Mud bricks	.015	.000	.001	0.000	.000	.012	.000	.001	0.000	.001	.037	0.000
QH143_22 Main roof material: Mud bricks with stones	.008	.004	.006	.001	.002	.008	.005	.005	.001	.002	.011	0.000
QH143_31 Main roof material: Concrete	.908	.996	.994	.999	.998	.905	.994	.994	.999	.997	.935	1.000
QH143_32 Main roof material: Zinc/metal	.064	0.000	0.000	0.000	0.000	.070	0.000	0.000	0.000	0.000	.011	0.000
QH143_96 Main roof material: OTHER (SPECIFY)	.005	0.000	0.000	0.000	0.000	.005	0.000	0.000	0.000	0.000	.006	0.000
QH144_21 Main wall material: MUD BRICKS	.015	.001	.001	.001	.000	.012	.001	.001	.000	.000	.045	0.000
QH144_22 Main wall material: MUD BRICKS WITH STONES	.012	.005	.004	.002	.002	.010	.005	.004	.002	.002	.030	.004

QH144_31 Main wall material: CEMENT BRICKS	.313	.302	.254	.164	.049	.309	.301	.232	.153	.048	.352	.301
QH144_32 Main wall material: CUT STONES	.026	.062	.120	.304	.582	.030	.078	.148	.342	.588	.006	.007
QH144_33 Main wall material: CUT STONE AND CONCRET E	.047	.103	.179	.255	.273	.052	.119	.190	.266	.273	.040	.038
QH144_34 Main wall material: CONCRET E	.526	.528	.442	.275	.093	.523	.496	.424	.237	.089	.513	.651
QH144_35 Main wall material: Zinc/metal	.055	0.000	0.000	0.000	0.000	.061	0.000	0.000	0.000	0.000	.008	0.000
QH144_96 Main wall material: OTHER	.005	0.000	0.000	0.000	0.000	.005	0.000	0.000	0.000	0.000	.006	0.000
HOUSE Owns a house	.099	.144	.176	.186	.252	.089	.122	.167	.192	.253	.143	.200
LAND Owns land	.050	.082	.102	.101	.135	.043	.062	.086	.106	.136	.093	.117

memsleep Number of members per sleeping room	3.024	2.508	2.176	1.884	1.481	3.020	2.443	2.139	1.823	1.462	3.090	2.726
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Rural wealth index		
Middle	Fourth	Highest
.288	.269	.334
.712	.730	.588
0.000	.001	.078
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000

.436

.369

.317

.001

.003

.005

.003

.004

0.000

.076

.077

.056

.003

.002

0.000

.481

.546

.622

.267

.322

.428

.662	.599	.520
0.000	0.000	0.000
.021	.021	.005
.049	.057	.047
0.000	0.000	0.000
0.000	0.000	0.000
0.000	.001	0.000



1.000	.999	1.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
.892	.939	.981
1.233	1.880	3.560
.041	.052	.138
.999	.998	1.000
.998	.996	1.000

.023	.033	.122
.999	1.000	1.000
.132	.234	.486
.993	.994	1.000
.009	.013	.187
.062	.100	.338
.160	.281	.551
.952	.989	.930
.524	.806	.942
.384	.736	.905
.016	.004	.123
.625	.789	1.154
.275	.474	1.294
2.621	2.910	3.672

.362	.399	.483
.763	.822	.898
.086	.097	.213
0.000	0.000	0.000
.000	0.000	0.000
.897	.825	.467
.098	.172	.531
.004	.003	.002
0.000	0.000	0.000

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.001

.001

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.273	.291	.184
.039	.043	.241
.076	.111	.241
.610	.553	.333
0.000	0.000	0.000
0.000	0.000	0.000
.219	.298	.301
.160	.217	.219

2.581	2.294	1.916
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